TECHNICAL MANUAL

DIRECT SUPPORT AND GENERAL SUPPORT MAINTENANCE MANUAL FOR CENTRAL, MESSAGE SWITCHING, AUTOMATIC AN/TYC-39(V)1 AND CENTRAL OFFICE, TELEPHONE, AUTOMATIC AN/TTC-39(V)2

AUTOMATIC DATA PROCESSING ASSEMBLIES

DEPARTMENTS OF THE ARMY, NAVY, AND AIR FORCE

22 SEPTEMBER 1983

5 SAFETY STEPS TO FOLLOW IF SOMEONE IS THE VICTIM OF ELECTRICAL SHOCK

1. DO NOT TRY TO PULL OR GRAB THE INDIVIDUAL

2. IF POSSIBLE, TURN OFF THE ELECTRICAL POWER

3. IF YOU CANNOT TURN OFF THE ELECTRICAL POWER, PULL, PUSH, OR LIFT THE PERSON TO SAFETY USING A WOODEN POLE OR A ROPE OR SOME OTHER INSULATING MATERIAL

4. SEND FOR HELP AS SOON AS POSSIBLE

5. AFTER THE INJURED PERSON IS FREE OF CONTACT WITH THE SOURCE OF ELECTRICAL SHOCK, MOVE THE PERSON A SHORT DISTANCE AWAY AND IMMEDIATELY START ARTIFICIAL RESUSCITATION

TM 11-5895-856-34-23
EE640-CA-MMI-230/E154 CPU
TO 31W2-2T-122-23
C1

CHANGE

No. 1

DEPARTMENTS OF THE ARMY,
THE NAVY AND THE AIR FORCE
Washington, DC, 17 May 1985

Direct Support and General Support
Maintenance Manual
for
CENTRAL, MESSAGE SWITCHING, AUTOMATIC
AN/TYC-39(V) 1
AND
CENTRAL OFFICE, TELEPHONE, AUTOMATIC
AN/TTC-39(V)2
AUTOMATIC DATA PROCESSING
ASSEMBLIES

TM 11-5895-856-34-23/EE640-CA-MMI-230/E154 CPU/TO 31W2-2T-122-23, 22 September 1983, is changed as follows:

1. Remove old pages and insert new pages as indicated below.

2. New or changed material is indicated by a vertical bar in the margin of the page.

3. Added or revised illustrations are indicated by a vertical bar adjacent to the identification number.

Remove pages	*Insert pages*
a and b	a and b
5 and 6	5 and 6
75 and 76	75 and 76

4. File this change sheet in the front of the publication for reference purposes.

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To be distributed in accordance with DA Form 12-51-R, Direct Support and General Support Maintenance requirements for AN/TTC-39(V) and AN/TYC-39(V).

WARNING

HIGH VOLTAGE

is used in the operation of this equipment.

DEATH ON CONTACT

may result if personnel fail to observe safety precautions. Learn the areas containing high voltage in each piece of equipment. Be careful not to contact high-voltage connections when installing or operating this equipment. Before working inside the equipment, turn power off and ground points of high potential before touching them.

WARNING

USE OF CLEANING SOLVENT

Adequate ventilation should be provided while using TRICHLOROTRIFLUOROETHANE (NSN 6850-00-105-3084). Prolonged breathing of vapor should be avoided. The solvent should not be used near heat or open flame; the products of decomposition are toxic and irritating. Since TRICHLOROTRIFLUOROETHANE dissolves natural oils, prolonged contact with skin should be avoided. When necessary, use gloves which the solvent cannot penetrate. If the solvent is taken internally, consult a physician immediately.

INSERT LATEST CHANGED PAGES. DESTROY SUPERSEDED PAGES.

LIST OF EFFECTIVE PAGES NOTE: The portion of the text affected by the changes is indicated by a vertical line in the outer margins of the page. Changes to illustrations are indicated by miniature pointing hands. Changes to wiring diagrams are indicated by shaded areas.

Dates of issue for original and changed pages are:

Original ... 0 ... 22 Sept 83
Change ... 1 ... 17 May 85

TOTAL NUMBER OF PAGES IN THIS PUBLICATION IS 524 CONSISTING OF THE FOLLOWING:

Page	*Change No.
Cover	0
Safety Steps	0
a	0
b	1
i-ii	0
(149304-880)	
1-5	0
6	1
7-74	0
75	1
76-501	0
(SM-A-837681)	
1-8	0
Error Report Forms	0
Promulgation Page	0

*Zero in this column indicates an original page.

TECHNICAL MANUAL
NO. 11-5895-856-34-23
TECHNICAL MANUAL
EE640-CA-MMI-230/E154 CPU
TECHNICAL ORDER
TO 31W2-2T-122-23

DEPARTMENTS OF THE ARMY
THE NAVY, AND
THE AIR FORCE

Washington, DC, 22 September 1983

DIRECT SUPPORT AND GENERAL SUPPORT MAINTENANCE MANUAL FOR CENTRAL, MESSAGE SWITCHING, AUTOMATIC AN/TYC-39(V)1 AND CENTRAL OFFICE, TELEPHONE, AUTOMATIC AN/TTC-39(V)2

AUTOMATIC DATA PROCESSING ASSEMBLIES

REPORTING ERRORS AND RECOMMENDING IMPROVEMENTS

You can help improve this manual. If you find any mistakes or if you know of a way to improve the procedures, please let us know. Mail your letter, DA Form 2028 (Recommended Changes to Publications and Blank Forms), or DA Form 2028-2 located in back of this manual direct to: Commander, US Army Communications-Electronics Command and Fort Monmouth, ATTN: DRSEL-ME-MP, Fort Monmouth, New Jersey 07703.

For Air Force, submit AFTO Form 22 (Technical Order System Publication Improvement Report and Reply) in accordance with paragraph 6-5, Section VI, T.O. 00-5-1. Forward direct to prime ALC/MST.

For Navy, mail comments to the Commander, Naval Electronics Systems Command, ATTN: ELEX 8122, Washington, DC 20360.

In either case, a reply will be furnished direct to you.

TABLE OF CONTENTS

VOLUME 23 TM 11-5895-856-34-23

Card Cage, Wired - Mass Core Memory Unit, Wire List, Connector (149304-880)

Frame Assembly - Mass Core Memory Unit, Wire List, String (SM-A-837681)

This volume is part of a 24-volume set covering the direct support and general support maintenance of the automatic data processing assemblies. This volume contains the connector wire list for the wired card cage of the mass core memory unit, drawing number 149304-880 and the string wire list for the mass core unit frame assembly, drawing number SM-A-837681. Refer to volume 1 of this series (TM 11-5895-856-34-1) for an explanation of how to use this wire list as well as other lists contained in the set.

NOTE

The pages in volumes 2 through 24 of TM 11-5895-856-34 have been numbered in a special manner. Pages within these volumes are found by keying to two page identifiers: the drawing number and the page number. To find the page that you desire within the volume, follow the steps listed below:

1. Find the applicable wire run list in the table of contents and note the applicable drawing number.

2. Look through the pages of the volume until you find the particular drawing number of the wire run list that you seek. This will insure that you are in the correct wire run section.

3. Go through these pages until you find the page number you are looking for within this particular wire run list.

Remember, pages in the volumes cited above are found by keying to the drawing number applicable to a particular wire run list, as well as, a page number. Make sure you are on the correct page by checking both page identifiers.

CARD CAGE, WIRED
- MASS CORE MEMORY UNIT
CONNECTOR WIRE LIST
149304-880

NOTES: UNLESS OTHERWISE SPECIFIED
1. REFERENCE TO SHEET 3 FOR DEFINITION OF FIELDS.
2. REFERENCE TO SHEET 4 FOR CONFIGURATIONS OF SHIELD AND WIRE TERMINATIONS.
3. REFERENCE TO SHEET 5 OF STRING LIST FOR WIRE CODE DEFINITIONS.
4. REFERENCE TO SHEET 6 OF STRING LIST FOR WIRE SUMMARY LIST.
5. ALL ABBREVIATIONS PER MIL-STD-12.

H78 STRING AND CONNECTOR LIST, DEFINITION OF FIELDS

1. **Record Number** - A unique Data Processing number which associates all information pertaining to a wire "FROM" Connector. "TO" Connector, Wire Code, etc. This number is the wire ID when that field is blank.
2. **Prefix** - An assembly alphanumeric to be used when a wire terminates in two assemblies. This number will be the reference designation as required by USAS Y32.16-1968.
3. **Connector** - Any type of terminating point, plug, receptacle, etc. Designations are in accordance with USAS Y32.16-1968.
4. **Pin** - Exact terminating point of the respective connector. Designations are unique:
   A. SHXXXX indicates the junction of a shield and a pigtail, the four digits to the right are the wire identity of the shielded wire.
   B. JCT indicates a common point of two or more shield pigtails.
   C. Jacket: the terminology used when describing the line that defines the identification of a shielded wire.
5. **Sh Fg** - References a graphic representation showing how a shielded wire or coax is to be terminated. A number in this field indicates the level of automatic wire wrapping.
6. **Multi Group**- Associates wires of a group such as "twisted wire" or "shielded wire". Jacket, pigtails and center conductors will be shown as a common group.
7. **Wire Code** - A three-digit code for wire type and gage or bus bar.
8. **Wire Color** - Standard RETMA color code.
   A. Base Stripe Tracer.
   B. Stripe, Tracer 1 and Tracer 2 if the digit to the left is other than 9 and the two positions to the right are not blank and not equal. The Base Color is understood to be white.
9. **Wire Ident** - A number used for reference to differentiate one wire from another. This number will be used to identify the wire when specified in the wire list sleeve code field.
10. **Spc Inst** - A code which indicates that a wire must be given special attention as follows:
    A. Direct routing, no service loops, no harnessing.
    B. See general notes or instruction pages.
    C. See general notes or instruction pages.
    D. See general notes or instruction pages.
    E. See general notes or instruction pages.
    F. See signal description.
    G. This connection does not go directly to the "TO" connector, but intersects a line going to the 'TO" connector.
    H. See special routing page.
    I. Junction point for multilayer laminated board (MLB) connection.
    J. Denotes a bus reference point.
    K. Blank out "TO" connector and pin.
    L. Will cause a signal name of three characters or less to be entered in the string list.
    M. Will cause a record to be omitted from the string list. (This record will print in the connector list.)
    N. Will suppress printing the wire identity in the harness string and double entry list.
    P. Will cause the equation to be used as the signal name for sorting purposes only in the string list.

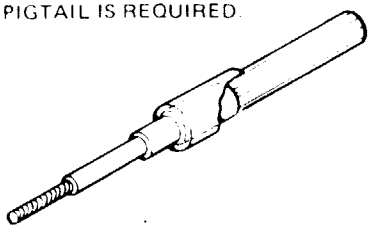
H78 STRING AND CONNECTOR LIST, DEFINITION OF FIELDS - Continued

Q. Will cause an equation record to be omitted from logic listing.
R. Will suppress printing the "FROM TO" pin number in the string and connector lists.
S. Do not move record number to the ident field for an ADD transaction in the harness string and double entry only. (Use only when adding a file.)
T. Twist wire code.
U. Not available.
V. See general notes or instruction pages
W. Fixed wire length submitted.
X. Sequence of string is to be left as is.
Y. See general notes or instruction pages.
Z. Will suppress printing of the 'FROM" pin.

10. **Misc** - Unless otherwise noted the number 1 indicates a pre-wired connector.
11. **Signal** - An alphanumeric signal name, mnemonic where feasible, which identifies one specific function from another.
    SPP - Denotes an available termination.
    SPF - Denotes an unwired termination which has an assigned function.
    SPW - Denotes a non-functional wire which is terminated at one or both ends.
    SPO - Denotes a spare output of a circuit.
    DNW - Indicates that a termination may not be wired.
    SPA - Denotes an unassigned circuit, as one of a group on a printed circuit board.
    SPI -- Denotes a spare input of a circuit.
    SPG - Denotes an unassigned logic gate, as one of a group on a printed circuit board.
    SPR - Denotes a spare resistor
    SPD - Denotes an unassigned input diode of an assigned logic gate.
12. **Seq No**. - A number which in conjunction with SIGNAL, allows a signal string to be consistently printed in a given order.
13. **Equation** - A mnemonic name assigned to each gate of an element.
14. **Term** - An “OR" function composed of one or more factors.
15. **Factor** - A specific input to a logical gate or active element.
16. **Ckt or Chip Type** - Denotes a specific circuit board type.
17. **Group** - Denotes a specific circuit on a printed circuit board.
18. **Load or Power Plane** - Denotes the current draw in milliamps by a specific circuit or voltage.
19. **AND Test Point** - Denotes the input test point for a specific circuit on a printed circuit board.
20. **OR Test Point** - Denotes the output test point for a specific circuit on a circuit board.
21. **Signal Description** - A written description or name of a signal or voltage.
22. **ECO No.** - A letter number combination to show the Engineering Change Order level of that particular wire list record.

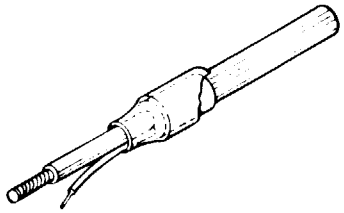
SHIELD FIGURE A

SHIELD TERMINATION FOR SHIELDED, SINGLE AND MULTIPLE CONDUCTORS, NO PIGTAIL IS REQUIRED.



SHIELD FIGURE B

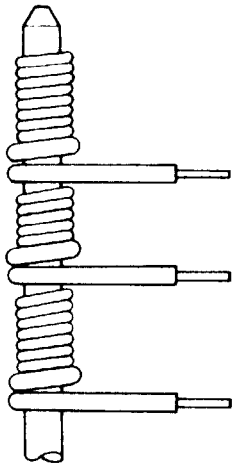
SHIELD TERMINATION FOR SHIELDED, SINGLE AND MULTIPLE CONDUCTORS, FRONT PIGTAIL IS REQUIRED.



SHIELD FIGURE NO. 3

SHIELD FIGURE NO. 2

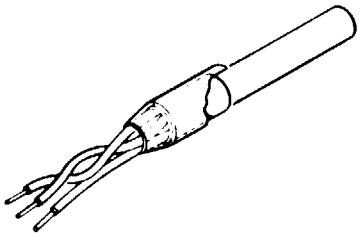
SHIELD FIGURE NO. 1



SHIELD FIGURE NUMBER INDICATES LEVEL OF WIRE WRAP

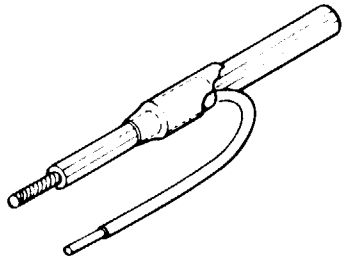
SHIELD FIGURE G

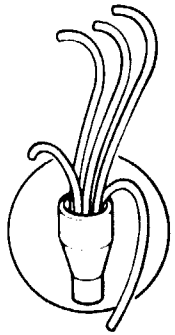
SHIELDED CABLE TERMINATION WITH DRAIN WIRE



SHIELD FIGURE C

SHIELD TERMINATION FOR SHIELDED, SINGLE AND MULTIPLE CONDUCTORS, A REAR PIGTAIL IS REQUIRED.



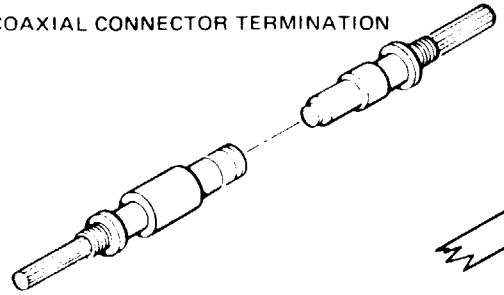


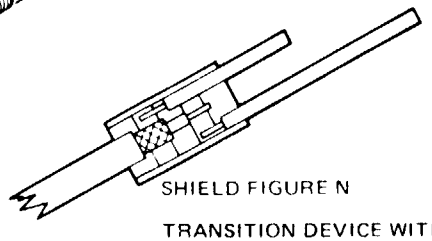
SHIELD FIGURE X

SHIELDED WIRE PIGTAILS–HYBRID

SHIELD FIGURE Z

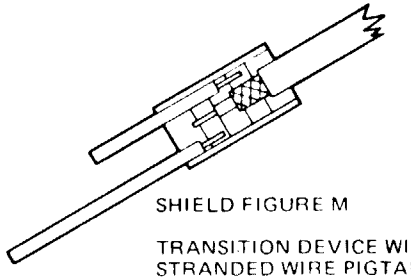
COAXIAL CONNECTOR TERMINATION





SHIELD FIGURE N

TRANSITION DEVICE WITH SOLID WIRE PIGTAILS



SHIELD FIGURE M

TRANSITION DEVICE WITH STRANDED WIRE PIGTAILS

Drawing No.
149304-880
Rev. G, sheet 4

Litton DATA SYSTEMS

DRAWING NUMBER 149304-880 UNIT ASSEMBLY NO. 149304 REV G INDEX
UNIT ASSEMBLY CARD CAGE WIRED, MCU CONNECTOR FILE IDENT T39AMCMU DATE 09-02-82 PAGE 5

RECORD NUMBER	FROM PREFIX	FROM CONNECTOR	FROM PIN	SHIELD	TO PREFIX	TO CONNECTOR	TO PIN	TWIST	WIRE MULTI GROUP	WIRE CODE	WIRE COLOR	WIRE IDENT	SPECIAL MISC	SIGNAL	SIG NO	EQUATION	TERM	FACTOR	CAT OR CHIP TYPE	PROT	LOAD OR POWER PLANE	TEST POINTS ANC	TEST POINTS DC	SIGNAL DESCRIPTION	ECO NO
00034		J01	A1											SPP	01				EX9						
00035		J01	A2											SPP	01				EX9						
00036		J01	A3											SPP	01				EX9						
00037		J01	A4			XA301	17			18D	9			MAONOA	01				EX9					MAN ON/OFF	
00038		J01	A5											SPP	01				EX9						
00039		J01	A6											SPP	01				EX9						
00040		J01	B1											+5V	01				EX9						
00041		J01	B2											GND	01				EX9						
00042		J01	B3											+5V	01				EX9						
00043		J01	B4											GND	01				EX9						
00044		J01	B5											+5V	01				EX9						
00045		J01	B6											GND	01				EX9						
00046		J01	C1											GND	01				EX9						
00047		J01	C2											+5V	01				EX9						
00048		J01	C3											GND	01				EX9						
00049		J01	C4											+5V	01				EX9						
00050		J01	C5											GND	01				EX9						
00051		J01	C6											+5V	01				EX9						
00052		J01	D1											+05RES1	02				EX9						
00053		J01	D2											GND	01				EX9						
00054		J01	D3											+5V	01				EX9						
00055		J01	D4											GND	01				EX9						
00056		J01	D5											+5V	01				EX9						
00057		J01	D6											GND	01				EX9						
00058		J01	E2			XA301	13			18D	9			EXFLTL	01				EX9						
00059		J01	E3											GND	01				EX9						
00060		J01	E4			XA351	11			18D	2			+5VSAM	37				EX9						
00061		J01	E5											GND	01				EX9						
00062		J01	E6			XA443	11			18D	2			+5VSAM	01				EX9						
00063		J01	F1											SPP	01				EX9						
00064		J01	F2											GND	01				EX9						
00065		J01	F3			J01	E4			18D	2			+5VSAM	36				EX9						
00066		J01	F4											GND	01				EX9						
00067		J01	F5			XA243	11			18D	2			+5VSAM	39				EX9						
00068		J01	F6											GND	01				EX9						
00069		J01	H1			XA104	03			18D	9			SSRT1A	02				EX9						
00070		J01	H2			XA529	60			18D	7			-5VOLT	01				EX9						
00071		J01	H5											GND	01				EX9						
00072		J01	H6										K	-5VOLT	68				EX9						
00073		J01	H6			J01	H2			18D	7			-5VOLT	005				EX9						
00074		J01	J1			XA104	09			18D	9			SSRT4B	03				EX9						
00075		J01	K1			XA117	47			18D	2			+12VOLT	107				EX9						
00076		J01	K1			XA207	47			18D	2			+12VOLT	109				EX9						
00077		J01	K2											GND	01				EX9						
00078		J01	K5			J01	L5			18D	0			GND1105	01				EX9						
00079		J01	K6			XA117	14			18D	2			+12VOLT	153				EX9						
00080		J01	K6			XA207	14			18D	2			+12VOLT	155				EX9						
00081		J01	L1			J01	L3			18D	0			GND1107	01				EX9						
00082		J01	L2			XA106	13			18D	9			MDDINA	01				EX9					DEV DR INHIBIT*	
00083		J01	L3											GND1107	02				EX9						

CONNECTOR J01) CONTINUED ON THE NEXT PAGE ****

Litton DATA SYSTEMS

DRAWING NUMBER 149304-880 UNIT ASSEMBLY NO. 149304 REV H INDEX J01
UNIT ASSEMBLY CARD CAGE WIRED, MCU CONNECTOR FILE IDENT T39AMCMU DATE 09-02-82 PAGE 6

RECORD NUMBER	FROM PREFIX	FROM CONNECTOR	FROM PIN	FROM SH FG	TO PREFIX	TO CONNECTOR	TO PIN	TO SH FG	WIRE MULT GROUP	WIRE CODE	WIRE COLOR	WIRE IDENT	SPEC NEST SPEC SEC	SIGNAL	SEQ NO	EQUATION	TERM	FACTOR	CKT OR CHIP TYPE	SHORT	LOAD OR POWER PLANE	TEST POINTS AND	TEST POINTS JP	SIGNAL DESCRIPTION	ECO NO
00084		J01	L3											GND	01				EX9						
00085		J01	L4			XA106	50			18D	9			MDDDIA	01				EX9					DELAYED INHIBIT*	
00086		J01	L5											GND1105	02				EX9						
00087		J01	L5											GND	01				EX9						
00088		J01	L6			XA301	25			18D	2			+5AUX	00				EX9						
00089		J01	M2			XA106	40			18D	9			MLORIA	01				EX9					LOGIC OVERRIDE	
00090		J01	M3			XA108	10			18D	2			VARDCD1	01				EX9						
00091		J01	M4											GND1101	02				EX9						
00092		J01	M4											GND	01				EX9						
00093		J01	M5			XA204	10			18D	2			VARDCD2	01				EX9						
00094		J01	M6			J01	M4			18D	0			GND1101	01				EX9						
00095		J01	N1											SPP	01				EX9						
00096		J01	N2											SPP					EX9						
00097		J01	N3											GND1103	02				EX9						
00098		J01	N3											GND	01				EX9						
00099		J01	N4			XA305	10			18D	2			VARDCD3	01				EX9						
00100		J01	N5			J01	N3			18D	0			GND1103	01				EX9						
00101		J01	N6			XA406	10			18D	2			VARDCD4	01				EX9						
00102		J01	P1											SPP	01				EX9						
00103		J01	P2											SPP	01				EX9						
00104		J01	P3			J01	S5			18D	2			VARDCD5	005				EX9					+10V VAR 5	
00105		J01	P3			XA501	09			18D	2			VARDCD5	04				EX9						
00106		J01	P4											GND1104	02				EX9					+10V VAR 4	
00107		J01	P4											GND	01				EX9						
00108		J01	P5			J01	N6			18D	2			VARDCD4	005				EX9					10V VAR 4	
00109		J01	P5			XA406	09			18D	2			VARDCD4	03				EX9						
00110		J01	P5			XA406	09			18D	2			VARDCD4	05				EX9						
00111		J01	P6			J01	P4			18D	0			GND1104	01				EX9						
00112		J01	R1			J01	S2			18D	0			GND1106	01				EX9						
00113		J01	R2			XA106	05			18D	2			+23VDC	01				EX9						
00114		J01	R3			J01	R5			18D	0			GND1102	01				EX9						
00115		J01	R4			J01	N4			18D	2			VARDCD3	005				EX9					10V VAR 3	
00116		J01	R4			XA305	09			18D	2			VARDCD3	03				EX9					+10V VAR 3	
00117		J01	R4			XA305	09			18D	2			VARDCD3	05				EX9						
00118		J01	R5											GND1102	02				EX9						
00119		J01	R5											GND	01				EX9						
00120		J01	R6			J01	M5			18D	2			VARDCD2	005				EX9					+10V VAR 2	
00121		J01	R6			XA204	09			18D	2			VARDCD2	03				EX9						
00122		J01	R6			XA204	09			18D	2			VARDCD2	05				EX9						
00123		J01	S1			XA527	26			18D	2			+32VLT	01				EX9						
00124		J01	S2											GND1106	02				EX9						
00125		J01	S2											GND	01				EX9						
00126		J01	S3			J01	M3			18D	2			VARDCD1	005				EX9					+10V VAR 1	
00127		J01	S3			XA108	09			18D	2			VARDCD1	03				EX9						
00128		J01	S3			XA108	09			18D	2			VARDCD1	05				EX9						
00129		J01	S4			J01	S6			18D	0			GND1100	01				EX9						
00130		J01	S5			XA501	10			18D	2			VARDCD5	01				EX9						
00131		J01	S6											GND1100	02				EX9						
00132		J01	S6											GND	01				EX9						

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DRAWING NUMBER 149304-880 UNIT ASSEMBLY NO. 149304 REV G INDEX P01

UNIT ASSEMBLY CARD CAGE WIRED, MCU CONNECTOR FILE IDENT T39AMCMU DATE 09-02-82 PAGE 7

RECORD NUMBER	FROM				TO				WIRE				SPECIAL SHIELD	SIGNAL	SEQ NO	EQUATION	TERM	FACTOR	CKT OR CHIP TYPE	GROUP	LOAD OR POWER PLANE	TEST POINTS AND/OR	SIGNAL DESCRIPTION	ECO NO
	PREFIX	CONNECTOR	PIN	SH TO	PREFIX	CONNECTOR	PIN	SH TO	MULTI GROUP	CODE	COLOR	IDENT												
18127		P01	001			XA525	37			2BD	9			SXCC25	01	#B35-001							WORD CM CATH L25	
18128		P01	002			XA524	22			2BD	9		H	SXCA25	01	#B35-002							WORD CM ANODE L25	
18129		P01	003			XA523	37			2BD	9		H	SXCC17	01	#B35-003							WORD CM CATH L17	
18130		P01	004			XA522	22			2BD	9		H	SXCA17	01	#B35-004							WORD CM ANODE L17	
00134		P01	005											SPP										
00135		P01	006											SPP										
00136		P01	007											SPP										
18131		P01	008			XA523	38			2BD	9		H	SXCC16	01	#B35-005							WORD CM CATH L16	
18132		P01	009			XA522	17			2BD	9		H	SXCA16	01	#B35-006							WORD CM ANODE L16	
18133		P01	010			XA522	37			2BD	9		H	SXCC19	01	#B35-007							WORD CM CATH L19	
18134		P01	011			XA523	22			2BD	9		H	SXCA19	01	#B35-008							WORD CM ANODE L19	
18135		P01	012			XA522	38			2BD	9		H	SXCC18	01	#B35-009							WORD CM CATH L18	
18136		P01	013			XA523	17			2BD	9		H	SXCA18	01	#B35-010							WORD CM ANODE L18	
18137		P01	014			XA525	38			2BD	9		H	SXCC24	01	#B35-011							WORD CM CATH L24	
18138		P01	015			XA524	17			2BD	9		H	SXCA24	01	#B35-012							WORD CM ANODE L24	
18139		P01	016			XA522	80			2BD	9		H	SXCC23	01	#B35-013							WORD CM CATH L23	
18140		P01	017			XA523	60			2BD	9		H	SXCA23	01	#B35-014							WORD CM ANODE L23	
18141		P01	018			XA522	78			2BD	9		H	SXCC22	01	#B35-015							WORD CM CATH L22	
18142		P01	019			XA523	62			2BD	9		H	SXCA22	01	#B35-016							WORD CM ANODE L22	
18143		P01	020			XA521	40			2BD	9		H	SXSS14	00	#B35-017							WORD BUS 14	
18144		P01	021			XA521	75			2BD	9		H	SXSS12	00	#B35-018							WORD BUS 12	
18145		P01	022			XA521	14			2BD	9		H	SXSS10	00	#B35-019							WORD BUS 10	
18146		P01	023			XA521	19			2BD	9		H	SXSS08	00	#B35-020							WORD BUS 8	
18147		P01	024			XA519	40			2BD	9		H	SXSS06	00	#B35-021							WORD BUS 6	
18148		P01	025			XA519	75			2BD	9		H	SXSS04	00	#B35-022							WORD BUS 4	
18149		P01	026			XA519	14			2BD	9		H	SXSS02	00	#B35-023							WORD BUS 2	
18150		P01	027			XA519	19			2BD	9		H	SXSS00	00	#B35-024							WORD BUS 0	
00137		P01	028											DNW										
00138		P01	029											DNW										
00139		P01	030											SPP										
00140		P01	031											SPP										
00141		P01	032											SPP										
00142		P01	033											SPP										
00143		P01	034											SPP										
00144		P01	035											SPP										
18098		P01	036			XA513	13			2BD	9		H	32YCA0	01	#B34-001							BIT 32 CM ANODE L0	
18099		P01	037			XA514	61			2BD	9		H	32YCC0	01	#B34-002							BIT 32 CM CATH LO	
18100		P01	038			P01	093			2BD	9		H	SSDETC	01	#B34-003							BIT32 CURRENT LOOP	
18101		P01	039			XA513	18			2BD	9		H	32YCA1	01	#B34-004							BIT 32 CM ANODE L1	
18102		P01	040			XA514	64			2BD	9		H	32YCC1	01	#B34-005							BIT 32 CM CATH L1	
18103		P01	041			XA514	49			2BD	9		H	32YCA2	01	#B34-006							BIT 32 CM ANODE L2	
18104		P01	042			XA513	31			2BD	9		H	32YCC2	01	#B34-007							BIT 32 CM CATH L2	
18105		P01	043			XA514	52			2BD	9		H	32YCA3	01	#B34-008							BIT 32 CM ANODE L3	
18106		P01	044			XA513	24			2BD	9		H	32YCC3	01	#B34-009							BIT 32 CM CATH L3	
18107		P01	045			XA514	13			2BD	9		H	32YCA4	01	#B34-010							BIT 32 CM ANODE L4	
18108		P01	046			XA513	61			2BD	9		H	32YCC4	01	#B34-011							BIT 32 CM CATH L4	
18109		P01	047			XA514	18			2BD	9		H	32YCA5	01	#B34-012							BIT 32 CM ANODE L5	
18110		P01	048			XA513	64			2BD	9		H	32YCC5	01	#B34-013							BIT 32 CM CATH L5	
18111		P01	049			XA513	49			2BD	9		H	32YCA6	01	#B34-014							BIT 32 CM ANODE L6	
18112		P01	050			XA514	31			2BD	9		H	32YCC6	01	#B34-015							BIT 32 CM CATH L6	
CONNECTOR P01) CONTINUED ON THE NEXT PAGE ****																								

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DRAWING NUMBER 149304-880 UNIT ASSEMBLY NO. 149304 REV G INDEX P01

UNIT ASSEMBLY CARD CAGE WIRED, MCU CONNECTOR FILE IDENT T39AMCMU DATE 09-02-82 PAGE 8

RECORD NUMBER	FROM				TO				WIRE				SIGNAL	SEC NO	EQUATION	TERM	FACTOR	CKT OR CHIP TYPE	GROUP	LOAD OR POWER PLANE	TEST POINTS ANCHOR	SIGNAL DESCRIPTION	ECO NO
	PREFIX	CONNECTOR	PIN	SH FG	PREFIX	CONNECTOR	PIN	SH FG	MULTI GROUP	CODE	COLOR	IDENT											
18113		P01	051			XA513	52			28D	9		H 32YCA7	01	#B34-016							BIT 32 CM ANODE L7	
18114		P01	052			XA514	24			28D	9		H 32YCC7	01	#B34-017							BIT 32 CM CATH L7	
18115		P01	053			XA511	13			28D	9		H 31YCA0	01	#B34-018							BIT 31 CM ANODE L0	
18116		P01	054			XA512	61			28D	9		H 31YCC0	01	#B34-019							BIT 31 CM CATH L0	
18117		P01	055			XA511	18			28D	9		H 31YCA1	01	#B34-020							BIT 31 CM ANODE L1	
18118		P01	056			XA512	64			28D	9		H 31YCC1	01	#B34-021							BIT 31 CM CATH L1	
00145		P01	057										SPP										
18151		P01	058			XA523	80			28D	9		H SXCC21	01	#B35-025							WORD CM CATH L21	
18152		P01	059			XA522	60			28D	9		H SXCA21	01	#B35-026							WORD CM ANODE L21	
18153		P01	060			XA525	17			28D	9		H SXCA26	01	#B35-027							WORD CM ANODE L26	
18154		P01	061			XA524	38			28D	9		H SXCC26	01	#B35-028							WORD CM CATH L26	
18155		P01	062			XA523	78			28D	9		H SXCC20	01	#B35-029							WORD CM CATH L20	
18156		P01	063			XA522	62			28D	9		H SXCA20	01	#B35-030							WORD CM ANODE L20	
18157		P01	064			XA525	22			28D	9		H SXCA27	01	#B35-031							WORD CM ANODE L27	
18158		P01	065			XA524	37			28D	9		H SXCC27	01	#B35-032							WORD CM CATH L27	
18159		P01	066			XA524	62			28D	9		H SXCA28	01	#B35-033							WORD CM ANODE L28	
18160		P01	067			XA525	78			28D	9		H SXCC28	01	#B35-034							WORD CM CATH L28	
18161		P01	068			XA524	60			28D	9		H SXCA29	01	#B35-035							WORD CM ANODE L29	
18162		P01	069			XA525	80			28D	9		H SXCC29	01	#B35-036							WORD CM CATH L29	
18163		P01	070			XA525	62			28D	9		H SXCA30	01	#B35-037							WORD CM ANODE L30	
18164		P01	071			XA524	78			28D	9		H SXCC30	01	#B35-038							WORD CM CATH L30	
18165		P01	072			XA525	60			28D	9		H SXCA31	01	#B35-039							WORD CM ANODE L31	
18166		P01	073			XA524	80			28D	9		H SXCC31	01	#B35-040							WORD CM CATH L31	
00146		P01	074										SPP										
18167		P01	075			XA520	73			28D	9		H SXSS15	00	#B35-041							WORD BUS 15	
18168		P01	076			XA520	56			28D	9		H SXSS13	00	#B35-042							WORD BUS 13	
18169		P01	077			XA520	31			28D	9		H SXSS11	00	#B35-043							WORD BUS 11	
18170		P01	078			XA520	15			28D	9		H SXSS09	00	#B35-044							WORD BUS 9	
18171		P01	079			XA518	73			28D	9		H SXSS07	00	#B35-045							WORD BUS 7	
18172		P01	080			XA518	56			28D	9		H SXSS05	00	#B35-046							WORD BUS 5	
18173		P01	081			XA518	31			28D	9		H SXSS03	00	#B35-047							WORD BUS 3	
18174		P01	082			XA518	15			28D	9		H SXSS01	00	#B35-048							WORD BUS 1	
00147		P01	083										SPP										
00148		P01	084										DNW										
00149		P01	085										DNW										
00150		P01	086										SPP										
00151		P01	087										SPP										
00152		P01	088										SPP										
00153		P01	089										SPP										
00154		P01	090										SPP										
00155		P01	091										SPP										
00156		P01	092										SPP										
00157		P01	093										SSDETC	02									
00158		P01	094										SPP										
00159		P01	095										SPP										
00160		P01	096										SPP										
00161		P01	097										SPP										
00162		P01	098										SPP										
00163		P01	099										SPP										
00164		P01	100										SPP										

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DRAWING NUMBER 149304-880 UNIT ASSEMBLY NO. 149304 REV G INDEX P01

UNIT ASSEMBLY CARD CAGE WIRED, MCU CONNECTOR FILE IDENT T39AMCMU DATE 09-02-82 PAGE 9

RECORD NUMBER	FROM			SHEG	TO			SHEG	WIRE				SPEC INST	SIGNAL	SEG NO	EQUATION	TERM	FACTOR	CKT OR CHIP TYPE	GROUP	LOAD OR POWER PLANE	TEST POINTS		SIGNAL DESCRIPTION	ECO NO
	PREFIX	CONNECTOR	PIN		PREFIX	CONNECTOR	PIN		MULTI GROUP	CODE	COLOR	IDENT										AND	OR		
00165		P01	101											SPP											
00166		P01	102											SPP											
00167		P01	103											SPP											
18119		P01	104			XA513	09			28D	9		H	32YSS0	00	#B34-022								BIT 32 BUS 0	
18120		P01	105			XA514	21			28D	9		H	32YSS1	00	#B34-023								BIT 32 BUS 1	
18121		P01	106			XA513	15			28D	9		H	32YSS2	00	#B34-024								BIT 32 BUS 2	
18122		P01	107			XA514	11			28D	9		H	32YSS3	00	#B34-025								BIT 32 BUS 3	
18123		P01	108			XA513	45			28D	9		H	32YSS4	00	#B34-026								BIT 32 BUS 4	
18124		P01	109			XA514	53			28D	9		H	32YSS5	00	#B34-027								BIT 32 BUS 5	
18125		P01	110			XA513	51			28D	9		H	32YSS6	00	#B34-028								BIT 32 BUS 6	
18126		P01	111			XA514	40			28D	9		H	32YSS7	00	#B34-029								BIT 32 BUS 7	
00168		P01	112											SPP											

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DRAWING NUMBER 149304-880 UNIT ASSEMBLY NO. 149304 REV G INDEX P02

UNIT ASSEMBLY CARD CAGE WIRED, MCU CONNECTOR FILE IDENT T39AMCMU DATE 09-02-82 PAGE 10

RECORD NUMBER	FROM PREFIX	FROM CONNECTOR	FROM PIN	FROM SH FR	TO PREFIX	TO CONNECTOR	TO PIN	TO SH TO	WIRE MULT GROUP	WIRE CODE	WIRE COLOR	WIRE IDENT	SPEC INST MISC	SIGNAL	SEQ NO	EQUATION	TERM	FACTOR	CKT OR CHIP TYPE	GRAY	LOAD OR POWER PLANE	TEST POINTS AND	TEST POINTS OF	SIGNAL DESCRIPTION	ECO NO
00169		P02	001											SPP											
18030		P02	002			XA512	49			28D	9		H	31YCA2	01	#B31-001								BIT 31 CM ANODE L2	
18031		P02	003			XA511	31			28D	9		H	31YCC2	01	#B31-002								BIT 31 CM CATH L2	
18032		P02	004			XA512	52			28D	9		H	31YCA3	01	#B31-003								BIT 31 CM ANODE L3	
18033		P02	005			XA511	24			28D	9		H	31YCC3	01	#B31-004								BIT 31 CM CATH L3	
18034		P02	006			XA512	13			28D	9		H	31YCA4	01	#B31-005								BIT 31 CM ANODE L4	
18035		P02	007			XA511	61			28D	9		H	31YCC4	01	#B31-006								BIT 31 CM CATH L4	
18036		P02	008			XA512	18			28D	9		H	31YCA5	01	#B31-007								BIT 31 CM ANODE L5	
18037		P02	009			XA511	64			28D	9		H	31YCC5	01	#B31-008								BIT 31 CM CATH L5	
18038		P02	010			XA511	49			28D	9		H	31YCA6	01	#B31-009								BIT 31 CM ANODE L6	
18039		P02	011			XA512	31			28D	9		H	31YCC6	01	#B31-010								BIT 31 CM CATH L6	
18040		P02	012			XA511	52			28D	9		H	31YCA7	01	#B31-011								BIT 31 CM ANODE L7	
18041		P02	013			XA512	24			28D	9		H	31YCC7	01	#B31-012								BIT 31 CM CATH L7	
18050		P02	014			XA418	13			28D	9		H	30YCA0	01	#B32-001								BIT 30 CM ANODE L0	
18051		P02	015			XA419	61			28D	9		H	30YCC0	01	#B32-002								BIT 30 CM CATH L0	
18052		P02	016			XA418	18			28D	9		H	30YCA1	01	#B32-003								BIT 30 CM ANODE L1	
18053		P02	017			XA419	64			28D	9		H	30YCC1	01	#B32-004								BIT 30 CM CATH L1	
18054		P02	018			XA419	49			28D	9		H	30YCA2	01	#B32-005								BIT 30 CM ANODE L2	
18055		P02	019			XA418	31			28D	9		H	30YCC2	01	#B32-006								BIT 30 CM CATH L2	
18056		P02	020			XA419	52			28D	9		H	30YCA3	01	#B32-007								BIT 30 CM ANODE L3	
18057		P02	021			XA418	24			28D	9		H	30YCC3	01	#B32-008								BIT 30 CM CATH L3	
18058		P02	022			XA419	13			28D	9		H	30YCA4	01	#B32-009								BIT 30 CM ANODE L4	
18059		P02	023			XA418	61			28D	9		H	30YCC4	01	#B32-010								BIT 30 CM CATH L4	
18060		P02	024			XA419	18			28D	9		H	30YCA5	01	#B32-011								BIT 30 CM ANODE L5	
18061		P02	025			XA418	64			28D	9		H	30YCC5	01	#B32-012								BIT 30 CM CATH L5	
18062		P02	026			XA418	49			28D	9		H	30YCA6	01	#B32-013								BIT 30 CM ANODE L6	
18063		P02	027			XA419	31			28D	9		H	30YCC6	01	#B32-014								BIT 30 CM CATH L6	
00170		P02	028											DNW											
00171		P02	029											DNW											
18064		P02	030			XA418	52			28D	9		H	30YCA7	01	#B32-015								BIT 30 CM ANODE L7	
18065		P02	031			XA419	24			28D	9		H	30YCC7	01	#B32-016								BIT 30 CM CATH L7	
18074		P02	032			XA307	69			28D	9		H	29YCA0	01	#B33-001								BIT 29 CM ANODE L0	
18075		P02	033			XA309	77			28D	9		H	29YCC0	01	#B33-002								BIT 29 CM CATH L0	
18076		P02	034			XA307	66			28D	9		H	29YCA1	01	#B33-003								BIT 29 CM ANODE L1	
18077		P02	035			XA309	80			28D	9		H	29YCC1	01	#B33-004								BIT 29 CM CATH L1	
18078		P02	036			XA309	69			28D	9		H	29YCA2	01	#B33-005								BIT 29 CM ANODE L2	
18079		P02	037			XA307	77			28D	9		H	29YCC2	01	#B33-006								BIT 29 CM CATH L2	
18080		P02	038			XA309	66			28D	9		H	29YCA3	01	#B33-007								BIT 29 CM ANODE L3	
18081		P02	039			XA307	80			28D	9		H	29YCC3	01	#B33-008								BIT 29 CM CATH L3	
18082		P02	040			XA311	69			28D	9		H	29YCA4	01	#B33-009								BIT 29 CM ANODE L4	
18083		P02	041			XA313	77			28D	9		H	29YCC4	01	#B33-010								BIT 29 CM CATH L4	
18084		P02	042			XA311	66			28D	9		H	29YCA5	01	#B33-011								BIT 29 CM ANODE L5	
18085		P02	043			XA313	80			28D	9		H	29YCC5	01	#B33-012								BIT 29 CM CATH L5	
18086		P02	044			XA313	69			28D	9		H	29YCA6	01	#B33-013								BIT 29 CM ANODE L6	
18087		P02	045			XA311	77			28D	9		H	29YCC6	01	#B33-014								BIT 29 CM CATH L6	
18088		P02	046			XA313	66			28D	9		H	29YCA7	01	#B33-015								BIT 29 CM ANODE L7	
18089		P02	047			XA311	80			28D	9		H	29YCC7	01	#B33-016								BIT 29 CM CATH L7	
17979		P02	048			XA313	13			28D	9		H	28YCA0	01	#B29-001								BIT 28 CM ANODE L0	
17980		P02	049			XA314	61			28D	9		H	28YCC0	01	#B29-002								BIT 28 CM CATH L0	
17981		P02	050			XA313	18			28D	9		H	28YCA1	01	#B29-003								BIT 28 CM ANODE L1	
CONNECTOR P02) CONTINUED ON THE NEXT PAGE ****																									

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DRAWING NUMBER 149304-880 UNIT ASSEMBLY NO. 149304 REV G INDEX P02

UNIT ASSEMBLY CARD CAGE WIRED, MCU CONNECTOR FILE IDENT T39AMCMU DATE 09-02-82 PAGE 11

RECORD NUMBER	FROM PREFIX	FROM CONNECTOR	FROM PIN	FROM SIG	TO PREFIX	TO CONNECTOR	TO PIN	TO SIG	WIRE NO. GROUP	WIRE CODE	WIRE COLOR	WIRE GAGE	SIGNAL	SIG NO	EQUATION	SIG REV	SIG EXT	CKT OR SIG TYP TYPE	GROUP	LOAD OR POWER PLANE	TEST POINTS ANODE	TEST POINTS CATH	SIGNAL DESCRIPTION	ECO NO
17982		P02	051			XA314	64			28D	9		H	28YCC1	01	#B29-004							BIT 28 CM CATH L1	
17983		P02	052			XA314	49			28D	9		H	28YCA2	01	#B29-005							BIT 28 CM ANODE L2	
17984		P02	053			XA313	31			28D	9		H	28YCC2	01	#B29-006							BIT 28 CM CATH L2	
17985		P02	054			XA314	52			28D	9		H	28YCA3	01	#B29-007							BIT 28 CM ANODE L3	
17986		P02	055			XA313	24			28D	9		H	28YCC3	01	#B29-008							BIT 28 CM CATH L3	
17987		P02	056			XA104	04		AA	23D	0		H	SSRTI82A	00	#B29-009							THERMISTOR JUMPER 2	
00172		P02	057											SPP										
18042		P02	058			XA511	09			28D	9		H	31YSS0	00	#B31-013							BIT 31 BUS 0	
18043		P02	059			XA512	21			28D	9		H	31YSS1	00	#B31-014							BIT 31 BUS 1	
18044		P02	060			XA511	15			28D	9		H	31YSS2	00	#B31-015							BIT 31 BUS 2	
18045		P02	061			XA511	21			28D	9		H	31YSS3	00	#B31-016							BIT 31 BUS 3	
18046		P02	062			XA512	51			28D	9		H	31YSS4	00	#B31-017							BIT 31 BUS 4	
18047		P02	063			XA511	40			28D	9		H	31YSS5	00	#B31-018							BIT 31 BUS 5	
18048		P02	064			XA512	45			28D	9		H	31YSS6	00	#B31-019							BIT 31 BUS 6	
18049		P02	065			XA511	53			28D	9		H	31YSS7	00	#B31-020							BIT 31 BUS 7	
00173		P02	066											SPP										
00174		P02	067											SPP										
00175		P02	068											SPP										
00176		P02	069											SPP										
00177		P02	070											SPP										
00178		P02	071											SPP										
00179		P02	072											SPP										
00180		P02	073											SPP										
00181		P02	074											SPP										
00182		P02	075											SPP										
18066		P02	076			XA418	09			28D	9		H	30YSS0	00	#B32-017							BIT 30 BUS 0	
18067		P02	077			XA419	21			28D	9		H	30YSS1	00	#B32-018							BIT 30 BUS 1	
18068		P02	078			XA418	15			28D	9		H	30YSS2	00	#B32-019							BIT 30 BUS 2	
18069		P02	079			XA419	11			28D	9		H	30YSS3	00	#B32-020							BIT 30 BUS 3	
18070		P02	080			XA418	45			28D	9		H	30YSS4	00	#B32-021							BIT 30 BUS 4	
18071		P02	081			XA419	53			28D	9		H	30YSS5	00	#B32-022							BIT 30 BUS 5	
18072		P02	082			XA418	51			28D	9		H	30YSS6	00	#B32-023							BIT 30 BUS 6	
18073		P02	083			XA419	40			28D	9		H	30YSS7	00	#B32-024							BIT 30 BUS 7	
00183		P02	084											DNW										
00184		P02	085											DNW										
00185		P02	086											SPP										
00186		P02	087											SPP										
00187		P02	088											SPP										
00188		P02	089											SPP										
00189		P02	090											SPP										
18090		P02	091			XA308	65			28D	9		H	29YSS0	00	#B33-017							BIT 29 BUS 0	
18091		P02	092			XA307	65			28D	9		H	29YSS1	00	#B33-018							BIT 29 BUS 1	
18092		P02	093			XA310	65			28D	9		H	29YSS2	00	#B33-019							BIT 29 BUS 2	
18093		P02	094			XA307	70			28D	9		H	29YSS3	00	#B33-020							BIT 29 BUS 3	
18094		P02	095			XA314	70			28D	9		H	29YSS4	00	#B33-021							BIT 29 BUS 4	
18095		P02	096			XA311	65			28D	9		H	29YSS5	00	#B33-022							BIT 29 BUS 5	
18096		P02	097			XA314	65			28D	9		H	29YSS6	00	#B33-023							BIT 29 BUS 6	
18097		P02	098			XA311	70			28D	9		H	29YSS7	00	#B33-024							BIT 29 BUS 7	
00190		P02	099											SPP										
00191		P02	100											SPP										
CONNECTOR P02) CONTINUED ON THE NEXT PAGE ****																								

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Litton DATA SYSTEMS

DRAWING NUMBER 149304-880 UNIT ASSEMBLY NO. 149304 REV G INDEX P02

UNIT ASSEMBLY CARD CAGE WIRED, MCU CONNECTOR FILE IDENT T39AMCMU DATE 09-02-82 PAGE 12

RECORD NUMBER	FROM			SH FG	TO			SH FG	WIRE				SPC TEST MISC	SIGNAL	TEC NO	EQUATION	TERM	FACTOR	CAT OR WIR TYPE	ESP	WIRE BOARD PLANE	TEST POINTS LANDING	SIGNAL DESCRIPTION	ECO NO
	PREFIX	CONNECTOR	PIN		PREFIX	CONNECTOR	PIN		MULTI GROUP	CODE	COLOR	IDENT												
00192		P02	101											SPP										
00193		P02	102											SPP										
00194		P02	103											SPP										
00195		P02	104											SPP										
00196		P02	105											SPP										
00197		P02	106											SPP										
00198		P02	107											SPP										
00199		P02	108											SPP										
00200		P02	109											SPP										
00201		P02	110											SPP										
00202		P02	111											SPP										
17988		P02	112			XA104	03			AA	23D	9		H	SSRT1A	00	#B29-009							THERMISTOR JUMPER1	

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DRAWING NUMBER 149304-880 UNIT ASSEMBLY NO. 149304 REV G INDEX P03

UNIT ASSEMBLY CARD CAGE WIRED, MCU CONNECTOR FILE IDENT T39AMCMU DATE 09-02-82 PAGE 13

RECORD NUMBER	FROM PREFIX	FROM CONNECTOR	FROM PIN	FROM SH FG	TO PREFIX	TO CONNECTOR	TO PIN	TO SH FG	WIRE MULTI GROUP	WIRE CODE	WIRE COLOR	WIRE IDENT	SPLICE INST	SIGNAL	SEQ NO	EQUATION	TERM FACTOR	CAT OR CHIP TYPE	GROUP	LOAD OR POWER PLANE	TEST POINTS AND OR	SIGNAL DESCRIPTION	ECO NO
00203		P03	001											SPP									
17989		P03	002			XA314	13			28D	9		H	28YCA4	01	#B29-011						BIT 28 CM ANODE L4	
17990		P03	003			XA313	61			28D	9		H	28YCC4	01	#B29-012						BIT 28 CM CATH L4	
17991		P03	004			XA314	18			28D	9		H	28YCA5	01	#B29-013						BIT 28 CM ANODE L5	
17992		P03	005			XA313	64			28D	9		H	28YCC5	01	#B29-014						BIT 28 CM CATH L5	
17993		P03	006			XA313	49			28D	9		H	28YCA6	01	#B29-015						BIT 28 CM ANODE L6	
17994		P03	007			XA314	31			28D	9		H	28YCC6	01	#B29-016						BIT 28 CM CATH L6	
17995		P03	008			XA313	52			28D	9		H	28YCA7	01	#B29-017						BIT 28 CM ANODE L7	
17996		P03	009			XA314	24			28D	9		H	28YCC7	01	#B29-018						BIT 28 CM CATH L7	
17834		P03	010			XA210	13			28D	9		H	27YCA0	01	#B23-001						BIT 27 CM ANODE L0	
17835		P03	011			XA207	77			28D	9		H	27YCC0	01	#B23-002						BIT 27 CM CATH L0	
17836		P03	012			XA210	18			28D	9		H	27YCA1	01	#B23-003						BIT 27 CM ANODE L1	
17837		P03	013			XA207	80			28D	9		H	27YCC1	01	#B23-004						BIT 27 CM CATH L1	
17838		P03	014			XA207	69			28D	9		H	27YCA2	01	#B23-005						BIT 27 CM ANODE L2	
17839		P03	015			XA210	31			28D	9		H	27YCC2	01	#B23-006						BIT 27 CM CATH L2	
17840		P03	016			XA207	66			28D	9		H	27YCA3	01	#B23-007						BIT 27 CM ANODE L3	
17841		P03	017			XA210	24			28D	9		H	27YCC3	01	#B23-008						BIT 27 CM CATH L3	
17842		P03	018			XA210	49			28D	9		H	27YCA4	01	#B23-009						BIT 27 CM ANODE L4	
17843		P03	019			XA209	77			28D	9		H	27YCC4	01	#B23-010						BIT 27 CM CATH L4	
17844		P03	020			XA210	52			28D	9		H	27YCA5	01	#B23-011						BIT 27 CM ANODE L5	
17845		P03	021			XA209	80			28D	9		H	27YCC5	01	#B23-012						BIT 27 CM CATH L5	
17846		P03	022			XA209	69			28D	9		H	27YCA6	01	#B23-013						BIT 27 CM ANODE L6	
17847		P03	023			XA210	61			28D	9		H	27YCC6	01	#B23-014						BIT 27 CM CATH L6	
17848		P03	024			XA209	66			28D	9		H	27YCA7	01	#B23-015						BIT 27 CM ANODE L7	
17849		P03	025			XA210	64			28D	9		H	27YCC7	01	#B23-016						BIT 27 CM CATH L7	
00204		P03	026											SPP									
00205		P03	027											SPP									
00206		P03	028											DNW									
00207		P03	029											DNW									
18006		P03	030			XA213	13			28D	9		H	26YCA0	01	#B30-001						BIT 26 CM ANODE L0	
18007		P03	031			XA214	61			28D	9		H	26YCC0	01	#B30-002						BIT 26 CM CATH L0	
18008		P03	032			XA213	18			28D	9		H	26YCA1	01	#B30-003						BIT 26 CM ANODE L1	
18009		P03	033			XA214	64			28D	9		H	26YCC1	01	#B30-004						BIT 26 CM CATH L1	
18010		P03	034			XA214	49			28D	9		H	26YCA2	01	#B30-005						BIT 26 CM ANODE L2	
18011		P03	035			XA213	31			28D	9		H	26YCC2	01	#B30-006						BIT 26 CM CATH L2	
18012		P03	036			XA214	52			28D	9		H	26YCA3	01	#B30-007						BIT 26 CM ANODE L3	
18013		P03	037			XA213	24			28D	9		H	26YCC3	01	#B30-008						BIT 26 CM CATH L3	
18014		P03	038			XA214	13			28D	9		H	26YCA4	01	#B30-009						BIT 26 CM ANODE L4	
18015		P03	039			XA213	61			28D	9		H	26YCC4	01	#B30-010						BIT 26 CM CATH L4	
18016		P03	040			XA214	18			28D	9		H	26YCA5	01	#B30-011						BIT 26 CM ANODE L5	
18017		P03	041			XA213	64			28D	9		H	26YCC5	01	#B30-012						BIT 26 CM CATH L5	
18018		P03	042			XA213	49			28D	9		H	26YCA6	01	#B30-013						BIT 26 CM ANODE L6	
18019		P03	043			XA214	31			28D	9		H	26YCC6	01	#B30-014						BIT 26 CM CATH L6	
18020		P03	044			XA213	52			28D	9		H	26YCA7	01	#B30-015						BIT 26 CM ANODE L7	
18021		P03	045			XA214	24			28D	9		H	26YCC7	01	#B30-016						BIT 26 CM CATH L7	
00208		P03	046											SPP									
00209		P03	047											SPP									
00210		P03	048											SPP									
00211		P03	049											SPP									
17997		P03	050			P03	106			28D	9		H	SSDETB	01	#B29-019						BII26 CURRENT LOOP	
CONNECTOR P03) CONTINUED ON THE NEXT PAGE ****																							

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DRAWING NUMBER 149304-880 UNIT ASSEMBLY NO. 149304 REV G INDEX P03

UNIT ASSEMBLY CARD CAGE WIRED, MCU CONNECTOR FILE IDENT T39AMCMU DATE 09-02-82 PAGE 14

RECORD NUMBER	FROM PREFIX	FROM CONNECTOR	FROM PIN	FROM SH FG	TO PREFIX	TO CONNECTOR	TO PIN	TO SH FG	WIRE MULT GROUP	WIRE CODE	WIRE COL 39	WIRE IDENT	SPEC INST MISC	SIGNAL	SEQ NO	EQUATION	TERM	EXTON	CAT OR CHIP TYPE	QUAD	LOAD PWR PLANE	PIN PC PINS AND JP	SIGNAL DESCRIPTION	ECO NO
00212		P03	051											SPP										
00213		P03	052											SPP										
00214		P03	053											SPP										
00215		P03	054											SPP										
00216		P03	055											SPP										
00217		P03	056											SPP										
00218		P03	057											SPP										
17998		P03	058			XA313	09			28D	9		H	28YSS0	00	#B29-020							BIT 28 BUS 0	
17999		P03	059			XA314	21			28D	9		H	28YSS1	00	#B29-021							BIT 28 BUS 1	
18000		P03	060			XA313	15			28D	9		H	28YSS2	00	#B29-022							BIT 28 BUS 2	
18001		P03	061			XA313	21			28D	9		H	28YSS3	00	#B29-023							BIT 28 BUS 3	
18002		P03	062			XA314	51			28D	9		H	28YSS4	00	#B29-024							BIT 28 BUS 4	
18003		P03	063			XA314	53			28D	9		H	28YSS5	00	#B29-025							BIT 28 BUS 5	
18004		P03	064			XA314	45			28D	9		H	28YSS6	00	#B29-026							BIT 28 BUS 6	
18005		P03	065			XA313	53			28D	9		H	28YSS7	00	#B29-027							BIT 28 BUS 7	
00219		P03	066											SPP										
00220		P03	067											SPP										
00221		P03	068											SPP										
00222		P03	069											SPP										
17850		P03	070			XA208	70			28D	9		H	27YSS0	00	#B23-017							BIT 27 BUS 0	
17851		P03	071			XA210	11			28D	9		H	27YSS1	00	#B23-018							BIT 27 BUS 1	
17852		P03	072			XA208	65			28D	9		H	27YSS2	00	#B23-019							BIT 27 BUS 2	
17853		P03	073			XA210	21			28D	9		H	27YSS3	00	#B23-020							BIT 27 BUS 3	
17854		P03	074			XA210	70			28D	9		H	27YSS4	00	#B23-021							BIT 27 BUS 4	
17855		P03	075			XA210	40			28D	9		H	27YSS5	00	#B23-022							BIT 27 BUS 5	
17856		P03	076			XA210	65			28D	9		H	27YSS6	00	#B23-023							BIT 27 BUS 6	
17857		P03	077			XA210	53			28D	9		H	27YSS7	00	#B23-024							BIT 27 BUS 7	
00223		P03	078											SPP										
00224		P03	079											SPP										
00225		P03	080											SPP										
00226		P03	081											SPP										
00227		P03	082											SPP										
00228		P03	083											SPP										
00229		P03	084											DNW										
00230		P03	085											DNW										
18022		P03	086			XA213	09			28D	9		H	26YSS0	00	#B30-017							BIT 26 BUS 0	
18023		P03	087			XA214	21			28D	9		H	26YSS1	00	#B30-018							BIT 26 BUS 1	
18024		P03	088			XA213	15			28D	9		H	26YSS2	00	#B30-019							BIT 26 BUS 2	
18025		P03	089			XA214	11			28D	9		H	26YSS3	00	#B30-020							BIT 26 BUS 3	
18026		P03	090			XA214	51			28D	9		H	26YSS4	00	#B30-021							BIT 26 BUS 4	
18027		P03	091			XA213	40			28D	9		H	26YSS5	00	#B30-022							BIT 26 BUS 5	
18028		P03	092			XA213	51			28D	9		H	26YSS6	00	#B30-023							BIT 26 BUS 6	
18029		P03	093			XA214	40			28D	9		H	26YSS7	00	#B30-024							BIT 26 BUS 7	
00231		P03	094											SPP										
00232		P03	095											SPP										
00233		P03	096											SPP										
00234		P03	097											SPP										
00235		P03	098											SPP										
00236		P03	099											SPP										
00237		P03	100											SPP										
CONNECTOR P03) CONTINUED ON THE NEXT PAGE ****																								

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DRAWING NUMBER 149304-880 UNIT ASSEMBLY NO. 149304 REV G INDEX P03

UNIT ASSEMBLY CARD CAGE WIRED, MCU CONNECTOR FILE IDENT T39AMCMU DATE 09-02-82 PAGE 15

RECORD NUMBER	FROM				TO				WIRE				SPEC NOTE	SIGNAL	SEQ NO	EQUATION	TERM	FACTOR	CKT OR CHIP TYPE	GRP	LOAD OR POWER PLANE	TEST POINTS		SIGNAL DESCRIPTION	SEQ NO
	PREFIX	CONNECTOR	PIN	SHIELD	PREFIX	CONNECTOR	PIN	TWIST	WIRE GROUP	CODE	COLOR	IDENT										AND	OR		
00238		P03	101											SPP											
00239		P03	102											SPP											
00240		P03	103											SPP											
00241		P03	104											SPP											
00242		P03	105											SPP											
00243		P03	106											SSDETB	02										
00244		P03	107											SPP											
00245		P03	108											SPP											
00246		P03	109											SPP											
00247		P03	110											SPP											
00248		P03	111											SPP											
00249		P03	112											SPP											

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Litton DATA SYSTEMS

DRAWING NUMBER 149304-880 UNIT ASSEMBLY NO. 149304 REV G INDEX P04

UNIT ASSEMBLY CARD CAGE WIRED, MCU CONNECTOR FILE IDENT T39AMCMU DATE 09-02-82 PAGE 16

RECORD NUMBER	FROM PREFIX	FROM CONNECTOR	FROM PIN	FROM SH FG	TO PREFIX	TO CONNECTOR	TO PIN	TO SH FG	WIRE MULTI GROUP	WIRE CODE	WIRE COLOR	WIRE IDENT	SPEC INST MISC	SIGNAL	SEC NO	EQUATION	TERM LATION	CAT OR CHIP TYPE	GROUP	PLANE	PIN LOCATION ANG CR	SIGNAL DESCRIPTION	ECO NO
00250		P04	001											SPP									
17809		P04	002			XA211	69			2BD	9		H	25YCA0	01	#B21-024						BIT 25 CM ANODE L0	
17808		P04	003			XA213	77			2BD	9		H	25YCC0	01	#B21-023						BIT 25 CM CATH L0	
17807		P04	004			XA211	66			2BD	9		H	25YCA1	01	#B21-022						BIT 25 CM ANODE L1	
17806		P04	005			XA213	80			2BD	9		H	25YCC1	01	#B21-021						BIT 25 CM CATH L1	
17805		P04	006			XA213	69			2BD	9		H	25YCA2	01	#B21-020						BIT 25 CM ANODE L2	
17804		P04	007			XA211	77			2BD	9		H	25YCC2	01	#B21-019						BIT 25 CM CATH L2	
17803		P04	008			XA213	66			2BD	9		H	25YCA3	01	#B21-018						BIT 25 CM ANODE L3	
17802		P04	009			XA211	80			2BD	9		H	25YCC3	01	#B21-017						BIT 25 CM CATH L3	
17801		P04	010			XA118	69			2BD	9		H	25YCA4	01	#B21-016						BIT 25 CM ANODE L4	
17800		P04	011			XA120	77			2BD	9		H	25YCC4	01	#B21-015						BIT 25 CM CATH L4	
00251		P04	012											SPP									
00252		P04	013											SPP									
17799		P04	014			XA118	66			2BD	9		H	25YCA5	01	#B21-014						BIT 25 CM ANODE L5	
17798		P04	015			XA120	80			2BD	9		H	25YCC5	01	#B21-013						BIT 25 CM CATH L5	
00253		P04	016											SPP									
00254		P04	017											SPP									
17797		P04	018			XA120	69			2BD	9		H	25YCA6	01	#B21-012						BIT 25 CM ANODE L6	
17796		P04	019			XA118	77			2BD	9		H	25YCC6	01	#B21-011						BIT 25 CM CATH L6	
17795		P04	020			XA120	66			2BD	9		H	25YCA7	01	#B21-010						BIT 25 CM ANODE L7	
17794		P04	021			XA118	80			2BD	9		H	25YCC7	01	#B21-009						BIT 25 CM CATH L7	
17881		P04	022			XA120	13			2BD	9		H	24YCA0	01	#B24-024						BIT 24 CM ANODE L0	
17880		P04	023			XA121	61			2BD	9		H	24YCC0	01	#B24-023						BIT 24 CM CATH L0	
17879		P04	024			XA120	18			2BD	9		H	24YCA1	01	#B24-022						BIT 24 CM ANODE L1	
17878		P04	025			XA121	64			2BD	9		H	24YCC1	01	#B24-021						BIT 24 CM CATH L1	
17877		P04	026			XA121	49			2BD	9		H	24YCA2	01	#B24-020						BIT 24 CM ANODE L2	
17876		P04	027			XA120	31			2BD	9		H	24YCC2	01	#B24-019						BIT 24 CM CATH L2	
00255		P04	028											DNW									
00256		P04	029											DNW									
17875		P04	030			XA121	52			2BD	9		H	24YCA3	01	#B24-018						BIT 24 CM ANODE L3	
17874		P04	031			XA120	24			2BD	9		H	24YCC3	01	#B24-017						BIT 24 CM CATH L3	
17873		P04	032			XA121	13			2BD	9		H	24YCA4	01	#B24-016						BIT 24 CM ANODE L4	
17871		P04	033			XA120	61			2BD	9		H	24YCC4	01	#B24-015						BIT 24 CM CATH L4	
17872		P04	034			XA121	18			2BD	9		H	24YCA5	01	#B24-015						BIT 24 CM ANODE L5	
17870		P04	035			XA120	64			2BD	9		H	24YCC5	01	#B24-013						BIT 24 CM CATH L5	
17869		P04	036			XA120	49			2BD	9		H	24YCA6	01	#B24-012						BIT 24 CM ANODE L6	
17868		P04	037			XA121	31			2BD	9		H	24YCC6	01	#B24-011						BIT 24 CM CATH L6	
17867		P04	038			XA120	52			2BD	9		H	24YCA7	01	#B24-010						BIT 24 CM ANODE L7	
17866		P04	039			XA121	24			2BD	9		H	24YCC7	01	#B24-009						BIT 24 CM CATH L7	
17758		P04	040			P04	096			2BD	9		H	SSDETD	01	#B19-025						BIT24 CURRENT LOOP	
17757		P04	041			XA110	69			2BD	9		H	23YCA0	01	#B19-024						BIT 23 CM ANODE L0	
17756		P04	042			XA112	77			2BD	9		H	23YCC0	01	#B19-023						BIT 23 CM CATH L0	
17755		P04	043			XA110	66			2BD	9		H	23YCA1	01	#B19-022						BIT 23 CM ANODE L1	
17754		P04	044			XA112	80			2BD	9		H	23YCC1	01	#B19-021						BIT 23 CM CATH L1	
17753		P04	045			XA112	69			2BD	9		H	23YCA2	01	#B19-020						BIT 23 CM ANODE L2	
17752		P04	046			XA110	77			2BD	9		H	23YCC2	01	#B19-019						BIT 23 CM CATH L2	
17751		P04	047			XA112	66			2BD	9		H	23YCA3	01	#B19-018						BIT 23 CM ANODE L3	
17750		P04	048			XA110	80			2BD	9		H	23YCC3	01	#B19-017						BIT 23 CM CATH L3	
17749		P04	049			XA114	69			2BD	9		H	23YCA4	01	#B19-016						BIT 23 CM ANODE L4	
17748		P04	050			XA116	77			2BD	9		H	23YCC4	01	#B19-015						BIT 23 CM CATH L4	
CONNECTOR		P04	) CONTINUED ON THE NEXT PAGE ****																				

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DRAWING NUMBER 149304-880 UNIT ASSEMBLY NO. 149304 REV G INDEX P04

UNIT ASSEMBLY CARD CAGE WIRED, MCU CONNECTOR FILE IDENT T39AMCMU DATE 09-02-82 PAGE 17

RECORD NUMBER	FROM PREFIX	FROM CONNECTOR	FROM PIN	FROM SH FG	TO PREFIX	TO CONNECTOR	TO PIN	TO SH FG	WIRE MULT GROUP	WIRE CODE	WIRE COLOR	WIRE IDENT	SIGNAL SYS	SIGNAL	SEQ NO	EQUATION	TERM FACTOR	CKT OR CHIP TYPE	GROUP	LOAD OR POWER PLANE	TEST POINTS ANO	TEST POINTS OS	SIGNAL DESCRIPTION	ECO NO
17747		P04	051			XA114	66			28D	9		H	23YCA5	01	#B19-014							BIT 23 CM ANODE L5	
17746		P04	052			XA116	80			28D	9		H	23YCC5	01	#B19-013							BIT 23 CM CATH L5	
17745		P04	053			XA116	69			28D	9		H	23YCA6	01	#B19-012							BIT 23 CM ANODE L6	
17744		P04	054			XA114	77			28D	9		H	23YCC6	01	#B19-011							BIT 23 CM CATH L6	
17743		P04	055			XA116	66			28D	9		H	23YCA7	01	#B19-010							BIT 23 CM ANODE L7	
17742		P04	056			XA114	80			28D	9		H	23YCC7	01	#B19-009							BIT 23 CM CATH L7	
00257		P04	057											SPP										
00258		P04	058											SPP										
00259		P04	059											SPP										
00260		P04	060											SPP										
00261		P04	061											SPP										
00262		P04	062											SPP										
00263		P04	063											SPP										
00264		P04	064											SPP										
00265		P04	065											SPP										
00266		P04	066											SPP										
00267		P04	067											SPP										
00268		P04	068											SPP										
00269		P04	069											SPP										
17793		P04	070			XA214	70			28D	9		H	25YSS0	00	#B21-008							BIT 25 BUS 0	
17792		P04	071			XA211	65			28D	9		H	25YSS1	00	#B21-007							BIT 25 BUS 1	
00270		P04	072											SPP										
00271		P04	073											SPP										
17791		P04	074			XA214	65			28D	9		H	25YSS2	00	#B21-006							BIT 25 BUS 2	
17790		P04	075			XA211	70			28D	9		H	25YSS3	00	#B21-005							BIT 25 BUS 3	
17789		P04	076			XA119	65			28D	9		H	25YSS4	00	#B21-004							BIT 25 BUS 4	
17788		P04	077			XA120	70			28D	9		H	25YSS5	00	#B21-003							BIT 25 BUS 5	
00272		P04	078											SPP										
00273		P04	079											SPP										
17787		P04	080			XA119	70			28D	9		H	25YSS6	00	#B21-002							BIT 25 BUS 6	
17786		P04	081			XA120	65			28D	9		H	25YSS7	00	#B21-001							BIT 25 BUS 7	
00274		P04	082											SPP										
00275		P04	083											SPP										
00276		P04	084											DNW										
00277		P04	085											DNW										
00278		P04	086											SPP										
00279		P04	087											SPP										
17865		P04	088			XA120	09			28D	9		H	24YSS0	00	#B24-008							BIT 24 BUS 0	
17864		P04	089			XA121	21			28D	9		H	24YSS1	00	#B24-007							BIT 24 BUS 1	
17863		P04	090			XA120	15			28D	9		H	24YSS2	00	#B24-006							BIT 24 BUS 2	
17862		P04	091			XA121	11			28D	9		H	24YSS3	00	#B24-005							BIT 24 BUS 3	
17861		P04	092			XA120	45			28D	9		H	24YSS4	00	#B24-004							BIT 24 BUS 4	
17860		P04	093			XA121	53			28D	9		H	24YSS5	00	#B24-003							BIT 24 BUS 5	
17859		P04	094			XA120	51			28D	9		H	24YSS6	00	#B24-002							BIT 24 BUS 6	
17858		P04	095			XA121	40			28D	9		H	24YSS7	00	#B24-001							BIT 24 BUS 7	
00280		P04	096											SSDETD	02									
00281		P04	097											SPP										
00282		P04	098											SPP										
00283		P04	099											SPP										
00284		P04	100											SPP										

CONNECTOR (P04) CONTINUED ON THE NEXT PAGE ****

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RECORD NUMBER	FROM PREFIX	FROM CONNECTOR	FROM PIN	SH FG	TO PREFIX	TO CONNECTOR	TO PIN	SH FG	WIRE MULTI GROUP	WIRE CODE	WIRE COLOR	WIRE IDENT	SPC INST MISC	SIGNAL	SEQ NO	EQUATION	TERM	FACTOR	CKT OR CHIP TYPE	GHOST	LOAD OR POWER PLANE	TEST POINTS AND	TEST POINTS OR	SIGNAL DESCRIPTION	ECO NO
00285		P04	101											SPP											
00286		P04	102											SPP											
00287		P04	103											SPP											
00288		P04	104											SPP											
17741		P04	105			XA111	65			2BD	9		H	23YSS0	00	#B19-008								BIT 23 BUS 0	
17740		P04	106			XA110	65			2BD	9		H	23YSS1	00	#B19-007								BIT 23 BUS 1	
17739		P04	107			XA113	65			2BD	9		H	23YSS2	00	#B19-006								BIT 23 BUS 2	
17738		P04	108			XA110	70			2BD	9		H	23YSS3	00	#B19-005								BIT 23 BUS 3	
17737		P04	109			XA117	70			2BD	9		H	23YSS4	00	#B19-004								BIT 23 BUS 4	
17736		P04	110			XA114	65			2BD	9		H	23YSS5	00	#B19-003								BIT 23 BUS 5	
17735		P04	111			XA117	65			2BD	9		H	23YSS6	00	#B19-002								BIT 23 BUS 6	
17734		P04	112			XA114	70			2BD	9		H	23YSS7	00	#B19-001								BIT 23 BUS 7	

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UNIT ASSEMBLY CARD CAGE WIRED, MCU CONNECTOR FILE IDENT T39AMCMU DATE 09-02-82 PAGE 19

RECORD NUMBER	PREFIX	CONNECTOR	PIN	TYPE	PREFIX	CONNECTOR	PIN	TYPE	WIRE GROUP	CODE	COLOR	GEN	SPEC	SIGNAL	LOG NO	EQUATION	MATE	OR OTHER TYPE	HOUR	OR POWER PLANE	PCB PINS ASC	PCB PINS OR	SIGNAL DESCRIPTION	ECO NO
00289		P05	001											SPP										
17785		P05	002			XA118	13			28D	9		H	22YCA0	01	#B20-026							BIT 22 CM ANODE L0	
17784		P05	003			XA119	61			28D	9		H	22YCC0	01	#B20-025							BIT 22 CM CATH L0	
17783		P05	004			XA118	18			28D	9		H	22YCA1	01	#B20-024							BIT 22 CM ANODE L1	
17782		P05	005			XA119	64			28D	9		H	22YCC1	01	#B20-023							BIT 22 CM CATH L1	
17781		P05	006			XA119	49			28D	9		H	22YCA2	01	#B20-022							BIT 22 CM ANODE L2	
17780		P05	007			XA118	31			28D	9		H	22YCC2	01	#B20-021							BIT 22 CM CATH L2	
17779		P05	008			XA119	52			28D	9		H	22YCA3	01	#B20-020							BIT 22 CM ANODE L3	
17778		P05	009			XA118	24			28D	9		H	22YCC3	01	#B20-019							BIT 22 CM CATH L3	
17777		P05	010			XA119	13			28D	9		H	22YCA4	01	#B20-018							BIT 22 CM ANODE L4	
17776		P05	011			XA118	61			28D	9		H	22YCC4	01	#B20-017							BIT 22 CM CATH L4	
17775		P05	012			XA119	18			28D	9		H	22YCA5	01	#B20-016							BIT 22 CM ANODE L5	
17774		P05	013			XA118	64			28D	9		H	22YCC5	01	#B20-015							BIT 22 CM CATH L5	
00290		P05	014											SPP										
00291		P05	015											SPP										
17773		P05	016			XA118	49			28D	9		H	22YCA6	01	#B20-014							BIT 22 CM ANODE L6	
17772		P05	017			XA119	31			28D	9		H	22YCC6	01	#B20-013							BIT 22 CM CATH L6	
00292		P05	018											SPP										
00293		P05	019											SPP										
17771		P05	020			XA118	52			28D	9		H	22YCA7	01	#B20-012							BIT 22 CM ANODE L7	
17770		P05	021			XA119	24			28D	9		H	22YCC7	01	#B20-011							BIT 22 CM CATH L7	
17978		P05	022			XA211	13			28D	9		H	21YCA0	01	#B28-024							BIT 21 CM ANODE L0	
17977		P05	023			XA212	61			28D	9		H	21YCC0	01	#B28-023							BIT 21 CM CATH L0	
17976		P05	024			XA211	18			28D	9		H	21YCA1	01	#B28-022							BIT 21 CM ANODE L1	
17975		P05	025			XA212	64			28D	9		H	21YCC1	01	#B28-021							BIT 21 CM CATH L1	
17974		P05	026			XA212	49			28D	9		H	21YCA2	01	#B28-020							BIT 21 CM ANODE L2	
17973		P05	027			XA211	31			28D	9		H	21YCC2	01	#B28-019							BIT 21 CM CATH L2	
00294		P05	028											DNW										
00295		P05	029											DNW										
17972		P05	030			XA212	52			28D	9		H	21YCA3	01	#B28-018							BIT 21 CM ANODE L3	
17971		P05	031			XA211	24			28D	9		H	21YCC3	01	#B28-017							BIT 21 CM CATH L3	
17970		P05	032			XA212	13			28D	9		H	21YCA4	01	#B28-016							BIT 21 CM ANODE L4	
17969		P05	033			XA211	61			28D	9		H	21YCC4	01	#B28-015							BIT 21 CM CATH L4	
17968		P05	034			XA212	18			28D	9		H	21YCA5	01	#B28-014							BIT 21 CM ANODE L5	
17967		P05	035			XA211	64			28D	9		H	21YCC5	01	#B28-013							BIT 21 CM CATH L5	
17966		P05	036			XA211	49			28D	9		H	21YCA6	01	#B28-012							BIT 21 CM ANODE L6	
17965		P05	037			XA212	31			28D	9		H	21YCC6	01	#B28-011							BIT 21 CM CATH L6	
17964		P05	038			XA211	52			28D	9		H	21YCA7	01	#B28-010							BIT 21 CM ANODE L7	
17963		P05	039			XA212	24			28D	9		H	21YCC7	01	#B28-009							BIT 21 CM CATH L7	
17833		P05	040			XA311	13			28D	9		H	20YCA0	01	#B22-024							BIT 20 CM ANODE L0	
17832		P05	041			XA312	61			28D	9		H	20YCC0	01	#B22-023							BIT 20 CM CATH L0	
17831		P05	042			XA311	18			28D	9		H	20YCA1	01	#B22-022							BIT 20 CM ANODE L1	
17830		P05	043			XA312	64			28D	9		H	20YCC1	01	#B22-021							BIT 20 CM CATH L1	
17829		P05	044			XA312	49			28D	9		H	20YCA2	01	#B22-020							BIT 20 CM ANODE L2	
17828		P05	045			XA311	31			28D	9		H	20YCC2	01	#B22-019							BIT 20 CM CATH L2	
17827		P05	046			XA312	52			28D	9		H	20YCA3	01	#B22-018							BIT 20 CM ANODE L3	
17826		P05	047			XA311	24			28D	9		H	20YCC3	01	#B22-017							BIT 20 CM CATH L3	
17825		P05	048			XA312	13			28D	9		H	20YCA4	01	#B22-016							BIT 20 CM ANODE L4	
17824		P05	049			XA311	61			28D	9		H	20YCC4	01	#B22-015							BIT 20 CM CATH L4	
17823		P05	050			XA312	18			28D	9		H	20YCA5	01	#B22-014							BIT 20 CM ANODE L5	

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RECORD NUMBER	FROM PREFIX	FROM CONNECTOR	FROM PIN	FROM SH FG	TO PREFIX	TO CONNECTOR	TO PIN	TO SH FG	WIRE MULTI GROUP	WIRE CODE	WIRE COLOR	WIRE IDENT	SPC INST MISC	SIGNAL	SEC NO	EQUATION	TERM	CAT OR SUB TYP	BUS DESCRIPTION
17822		P05	051			XA311	64			28D	9		H	20YCC5	01	#B22-013			BIT 20 CM CATH L5
17821		P05	052			XA311	49			28D	9		H	20YCA6	01	#B22-012			BIT 20 CM ANODE L6
17820		P05	053			XA312	31			28D	9		H	20YCC6	01	#B22-011			BIT 20 CM CATH L6
17819		P05	054			XA311	52			28D	9		H	20YCA7	01	#B22-010			BIT 20 CM ANODE L7
17818		P05	055			XA312	24			28D	9		H	20YCC7	01	#B22-009			BIT 20 CM CATH L7
17768		P05	056											SSRT1B2A	03				
00296		P05	057											SPP					
00297		P05	058											SPP					
00298		P05	059											SPP					
00299		P05	060											SPP					
00300		P05	061											SPP					
00301		P05	062											SPP					
00302		P05	063											SPP					
17767		P05	064			XA118	09			28D	9		H	22YSS0	00	#B20-009			BIT 22 BUS 0
17766		P05	065			XA119	21			28D	9		H	22YSS1	00	#B20-008			BIT 22 BUS 1
17765		P05	066			XA118	15			28D	9		H	22YSS2	00	#B20-007			BIT 22 BUS 2
17764		P05	067			XA119	11			28D	9		H	22YSS3	00	#B20-006			BIT 22 BUS 3
17763		P05	068			XA119	51			28D	9		H	22YSS4	00	#B20-005			BIT 22 BUS 4
17762		P05	069			XA118	40			28D	9		H	22YSS5	00	#B20-004			BIT 22 BUS 5
17761		P05	070			XA119	45			28D	9		H	22YSS6	00	#B20-003			BIT 22 BUS 6
17760		P05	071			XA118	53			28D	9		H	22YSS7	00	#B20-002			BIT 22 BUS 7
00303		P05	072											SPP					
00304		P05	073											SPP					
00305		P05	074											SPP					
00306		P05	075											SPP					
00307		P05	076											SPP					
00308		P05	077											SPP					
00309		P05	078											SPP					
00310		P05	079											SPP					
00311		P05	080											SPP					
00312		P05	081											SPP					
00313		P05	082											SPP					
00314		P05	083											SPP					
00315		P05	084											DNW					
00316		P05	085											DNW					
17962		P05	086			XA211	09			28D	9		H	21YSS0	00	#B28-008			BIT 21 BUS 0
17961		P05	087			XA212	21			28D	9		H	21YSS1	00	#B28-007			BIT 21 BUS 1
17960		P05	088			XA211	15			28D	9		H	21YSS2	00	#B28-006			BIT 21 BUS 2
17959		P05	089			XA212	11			28D	9		H	21YSS3	00	#B28-005			BIT 21 BUS 3
17958		P05	090			XA211	45			28D	9		H	21YSS4	00	#B28-004			BIT 21 BUS 4
17957		P05	091			XA212	53			28D	9		H	21YSS5	00	#B28-003			BIT 21 BUS 5
17956		P05	092			XA212	45			28D	9		H	21YSS6	00	#B28-002			BIT 21 BUS 6
17955		P05	093			XA211	53			28D	9		H	21YSS7	00	#B28-001			BIT 21 BUS 7
00317		P05	094											SPP					
00318		P05	095											SPP					
00319		P05	096											SPP					
00320		P05	097											SPP					
00321		P05	098											SPP					
00322		P05	099											SPP					
00323		P05	100											SPP					

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RECORD NUMBER	FROM				TO				WIRE					SIGNAL	SPEC NO	EQUATION	TERM FACTOR	CKT OR CHIP TYPE	GROUP	LOAD OR POWER PLANE	TEST POINTS		SIGNAL DESCRIPTION	ECO NO
	PREFIX	CONNECTOR	PIN	SHFG	PREFIX	CONNECTOR	PIN	SHFG	MULTI GROUP	CODE	COLOR	IDENT	SPEC INST MISC								AND	OR		
00324		P05	101											SPP										
00325		P05	102											SPP										
00326		P05	103											SPP										
17817		P05	104			XA312	15			28D	9		H	20YSS0	00	#B22-008							BIT 20 BUS 0	
17816		P05	105			XA311	11			28D	9		H	20YSS1	00	#B22-007							BIT 20 BUS 1	
17815		P05	106			XA312	09			28D	9		H	20YSS2	00	#B22-006							BIT 20 BUS 2	
17814		P05	107			XA311	21			28D	9		H	20YSS3	00	#B22-005							BIT 20 BUS 3	
17813		P05	108			XA311	45			28D	9		H	20YSS4	00	#B22-004							BIT 20 BUS 4	
17812		P05	109			XA312	53			28D	9		H	20YSS5	00	#B22-003							BIT 20 BUS 5	
17811		P05	110			XA311	51			28D	9		H	20YSS6	00	#B22-002							BIT 20 BUS 6	
17810		P05	111			XA312	40			28D	9		H	20YSS7	00	#B22-001							BIT 20 BUS 7	
17759		P05	112			XA104	05		AB	23D	9		H	SSRT2B3A	00	#B20-001							THERMISTOR JUMPER	

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RECORD NUMBER	FROM PREFIX	FROM CONNECTOR	FROM PIN	FROM SH FG	TO PREFIX	TO CONNECTOR	TO PIN	TO SH FG	WIRE MULT GROUP	WIRE CODE	WIRE CO-19	WIRE IDENT	SPEC INST MISC	SIGNAL	SEQ NO	EQUATION	TERM	PATTERN	CKT OR CHIP TYPE	SHAR	LOAD OR WIRED PLANE	CKT TYPE PINS FROM	CKT TYPE PINS END	SIGNAL DESCRIPTION	ECO NO
00327		P06	001											SPP											
17930		P06	002			XA408	69			2BD	9		H	19YCA0	01	#B26-024							BIT 19 CM ANODE L0	
17929		P06	003			XA410	77			2BD	9		H	19YCC0	01	#B26-023							BIT 19 CM CATH L0	
17928		P06	004			XA408	66			2BD	9		H	19YCA1	01	#B26-022							BIT 19 CM ANODE L1	
17927		P06	005			XA410	80			2BD	9		H	19YCC1	01	#B26-021							BIT 19 CM CATH L1	
17926		P06	006			XA410	69			2BD	9		H	19YCA2	01	#B26-020							BIT 19 CM ANODE L2	
17925		P06	007			XA408	77			2BD	9		H	19YCC2	01	#B26-019							BIT 19 CM CATH L2	
17924		P06	008			XA410	66			2BD	9		H	19YCA3	01	#B26-018							BIT 19 CM ANODE L3	
17923		P06	009			XA408	80			2BD	9		H	19YCC3	01	#B26-017							BIT 19 CM CATH L3	
17922		P06	010			XA412	69			2BD	9		H	19YCA4	01	#B26-016							BIT 19 CM ANODE L4	
17921		P06	011			XA414	77			2BD	9		H	19YCC4	01	#B26-015							BIT 19 CM CATH L4	
17920		P06	012			XA412	66			2BD	9		H	19YCA5	01	#B26-014							BIT 19 CM ANODE L5	
17919		P06	013			XA414	80			2BD	9		H	19YCC5	01	#B26-013							BIT 19 CM CATH L5	
17918		P06	014			XA414	69			2BD	9		H	19YCA6	01	#B26-012							BIT 19 CM ANODE L6	
17917		P06	015			XA412	77			2BD	9		H	19YCC6	01	#B26-011							BIT 19 CM CATH L6	
17916		P06	016			XA414	66			2BD	9		H	19YCA7	01	#B26-010							BIT 19 CM ANODE L7	
17915		P06	017			XA412	80			2BD	9		H	19YCC7	01	#B26-009							BIT 19 CM CATH L7	
17954		P06	018			XA416	13			2BD	9		H	18YCA0	01	#B27-024							BIT 18 CM ANODE L0	
17953		P06	019			XA417	61			2BD	9		H	18YCC0	01	#B27-023							BIT 18 CM CATH L0	
17952		P06	020			XA416	18			2BD	9		H	18YCA1	01	#B27-022							BIT 18 CM ANODE L1	
17951		P06	021			XA417	64			2BD	9		H	18YCC1	01	#B27-021							BIT 18 CM CATH L1	
17950		P06	022			XA417	49			2BD	9		H	18YCA2	01	#B27-020							BIT 18 CM ANODE L2	
17949		P06	023			XA416	31			2BD	9		H	18YCC2	01	#B27-019							BIT 18 CM CATH L2	
17948		P06	024			XA417	52			2BD	9		H	18YCA3	01	#B27-018							BIT 18 CM ANODE L3	
17947		P06	025			XA416	24			2BD	9		H	18YCC3	01	#B27-017							BIT 18 CM CATH L3	
17946		P06	026			XA417	13			2BD	9		H	18YCA4	01	#B27-016							BIT 18 CM ANODE L4	
17945		P06	027			XA416	61			2BD	9		H	18YCC4	01	#B27-015							BIT 18 CM CATH L4	
00328		P06	028											DNW											
00329		P06	029											DNW											
17944		P06	030			XA417	18			2BD	9		H	18YCA5	01	#B27-014							BIT 18 CM ANODE L5	
17943		P06	031			XA416	64			2BD	9		H	18YCC5	01	#B27-013							BIT 18 CM CATH L5	
17942		P06	032			XA416	49			2BD	9		H	18YCA6	01	#B27-012							BIT 18 CM ANODE L6	
17941		P06	033			XA417	31			2BD	9		H	18YCC6	01	#B27-011							BIT 18 CM CATH L6	
17940		P06	034			XA416	52			2BD	9		H	18YCA7	01	#B27-010							BIT 18 CM ANODE L7	
17939		P06	035			XA417	24			2BD	9		H	18YCC7	01	#B27-009							BIT 18 CM CATH L7	
17906		P06	036			XA511	69			2BD	9		H	17YCA0	01	#B25-025							BIT 17 CM ANODE L0	
17905		P06	037			XA513	77			2BD	9		H	17YCC0	01	#B25-024							BIT 17 CM CATH L0	
17904		P06	038			XA511	66			2BD	9		H	17YCA1	01	#B25-023							BIT 17 CM ANODE L1	
17903		P06	039			XA513	80			2BD	9		H	17YCC1	01	#B25-022							BIT 17 CM CATH L1	
00330		P06	040											SPP											
17902		P06	041			XA513	69			2BD	9		H	17YCA2	01	#B25-021							BIT 17 CM ANODE L2	
17901		P06	042			XA511	77			2BD	9		H	17YCC2	01	#B25-020							BIT 17 CM CATH L2	
00331		P06	043											SPP											
17900		P06	044			P06	099			2BD	9		H	SSDETF	01	#B25-019							BIT17 CURRENT LOOP	
17899		P06	045			XA513	66			2BD	9		H	17YCA3	01	#B25-018							BIT 17 CM ANODE L3	
17898		P06	046			XA511	80			2BD	9		H	17YCC3	01	#B25-017							BIT 17 CM CATH L3	
17897		P06	047			XA416	69			2BD	9		H	17YCA4	01	#B25-016							BIT 17 CM ANODE L4	
17896		P06	048			XA418	77			2BD	9		H	17YCC4	01	#B25-015							BIT 17 CM CATH L4	
00332		P06	049											SPP											
17895		P06	050			XA416	66			2BD	9		H	17YCA5	01	#B25-014							BIT 17 CM ANODE L5	

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RECORD NUMBER	FROM PREFIX	FROM CONNECTOR	FROM PIN	FROM SIG GEN	TO PREFIX	TO CONNECTOR	TO PIN	TO SIG GEN	WIRE GROUP	WIRE CODE	WIRE COLOR	WIRE IDENT	SIG GEN	SIGNAL	FED NO	EQUATION	SIG TYP	SIG REC	CKT OR SIG GEN TYPE	GRP	LOAD OR POWER PLANE	TEST POINTS AND	TEST POINTS OR	SIGNAL DESCRIPTION	ECO NO
17894		P06	051			XA418	80			28D	9		H	17YCC5	01	#B25-013								BIT 17 CM CATH L5	
17893		P06	052			XA418	69			28D	9		H	17YCA6	01	#B25-012								BIT 17 CM ANODE L6	
17892		P06	053			XA416	77			28D	9		H	17YCC6	01	#B25-011								BIT 17 CM CATH L6	
17891		P06	054			XA418	66			28D	9		H	17YCA7	01	#B25-010								BIT 17 CM ANODE L7	
17890		P06	055			XA416	80			28D	9		H	17YCC7	01	#B25-009								BIT 17 CM CATH L7	
00333		P06	056											SPP											
00334		P06	057											SPP											
17914		P06	058			XA411	70			28D	9		H	19YSS0	00	#B26-008								BIT 19 BUS 0	
17913		P06	059			XA408	65			28D	9		H	19YSS1	00	#B26-007								BIT 19 BUS 1	
17912		P06	060			XA411	65			28D	9		H	19YSS2	00	#B26-006								BIT 19 BUS 2	
17911		P06	061			XA408	70			28D	9		H	19YSS3	00	#B26-005								BIT 19 BUS 3	
17910		P06	062			XA413	65			28D	9		H	19YSS4	00	#B26-004								BIT 19 BUS 4	
17909		P06	063			XA414	70			28D	9		H	19YSS5	00	#B26-003								BIT 19 BUS 5	
17908		P06	064			XA413	70			28D	9		H	19YSS6	00	#B26-002								BIT 19 BUS 6	
17907		P06	065			XA414	65			28D	9		H	19YSS7	00	#B26-001								BIT 19 BUS 7	
00335		P06	066											SPP											
00336		P06	067											SPP											
00337		P06	068											SPP											
00338		P06	069											SPP											
00339		P06	070											SPP											
17938		P06	071			XA416	09			28D	9		H	18YSS0	00	#B27-008								BIT 18 BUS 0	
17937		P06	072			XA417	21			28D	9		H	18YSS1	00	#B27-007								BIT 18 BUS 1	
17936		P06	073			XA416	15			28D	9		H	18YSS2	00	#B27-006								BIT 18 BUS 2	
17935		P06	074			XA417	11			28D	9		H	18YSS3	00	#B27-005								BIT 18 BUS 3	
17934		P06	075			XA416	45			28D	9		H	18YSS4	00	#B27-004								BIT 18 BUS 4	
17933		P06	076			XA417	53			28D	9		H	18YSS5	00	#B27-003								BIT 18 BUS 5	
17932		P06	077			XA416	51			28D	9		H	18YSS6	00	#B27-002								BIT 18 BUS 6	
17931		P06	078			XA417	40			28D	9		H	18YSS7	00	#B27-001								BIT 18 BUS 7	
00340		P06	079											SPP											
00341		P06	080											SPP											
00342		P06	081											SPP											
00343		P06	082											SPP											
00344		P06	083											SPP											
00345		P06	084											DNW											
00346		P06	085											DNW											
17889		P06	086			XA512	65			28D	9		H	17YSS0	00	#B25-008								BIT 17 BUS 0	
17888		P06	087			XA513	70			28D	9		H	17YSS1	00	#B25-007								BIT 17 BUS 1	
17887		P06	088			XA514	65			28D	9		H	17YSS2	00	#B25-006								BIT 17 BUS 2	
17886		P06	089			XA513	65			28D	9		H	17YSS3	00	#B25-005								BIT 17 BUS 3	
00347		P06	090											SPP											
00348		P06	091											SPP											
00349		P06	092											SPP											
00350		P06	093											SPP											
00351		P06	094											SPP											
17885		P06	095			XA419	70			28D	9		H	17YSS4	00	#B25-004								BIT 17 BUS 4	
17884		P06	096			XA416	65			28D	9		H	17YSS5	00	#B25-003								BIT 17 BUS 5	
17883		P06	097			XA419	65			28D	9		H	17YSS6	00	#B25-002								BIT 17 BUS 6	
17882		P06	098			XA416	70			28D	9		H	17YSS7	00	#B25-001								BIT 17 BUS 7	
00352		P06	099											SSDETE	02										
00353		P06	100											SPP											
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| RECORD NUMBER | FROM | | | | TO | | | | WIRE | | | | | SIGNAL | REF NO | EQUATION | TERMINATION | | | | |

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RECORD NUMBER	FROM PREFIX	FROM CONNECTOR	FROM PIN	FROM SH FG	TO PREFIX	TO CONNECTOR	TO PIN	TO SH FG	WIRE MULTI GROUP	WIRE CODE	WIRE COLOR	WIRE IDENT	SPEC TWIST	SIGNAL	SPEC NO	EQUATION	TERM FACTOR	CKT OR CHIP TYPE	GROUP	LOAD OR POWER PLANE	TEST POINTS AND	TEST POINTS OR	SIGNAL DESCRIPTION	ECO NO
17709		P07	001			XA503	69			28D	9		H	16YCA0	01	#B18-001							BIT 16 CM ANODE L0	
17710		P07	002			XA505	77			28D	9		H	16YCC0	01	#B18-002							BIT 16 CM CATH L0	
17711		P07	003			XA503	66			28D	9		H	16YCA1	01	#B18-003							BIT 16 CM ANODE L1	
17712		P07	004			XA505	80			28D	9		H	16YCC1	01	#B18-004							BIT 16 CM CATH L1	
17713		P07	005			XA505	69			28D	9		H	16YCA2	01	#B18-005							BIT 16 CM ANODE L2	
17714		P07	006			XA503	77			28D	9		H	16YCC2	01	#B18-006							BIT 16 CM CATH L2	
17715		P07	007			XA505	66			28D	9		H	16YCA3	01	#B18-007							BIT 16 CM ANODE L3	
17716		P07	008			XA503	80			28D	9		H	16YCC3	01	#B18-008							BIT 16 CM CATH L3	
17717		P07	009			XA507	69			28D	9		H	16YCA4	01	#B18-009							BIT 16 CM ANODE L4	
17718		P07	010			XA509	77			28D	9		H	16YCC4	01	#B18-010							BIT 16 CM CATH L4	
17719		P07	011			XA507	66			28D	9		H	16YCA5	01	#B18-011							BIT 16 CM ANODE L5	
17720		P07	012			XA509	80			28D	9		H	16YCC5	01	#B18-012							BIT 16 CM CATH L5	
17721		P07	013			XA509	69			28D	9		H	16YCA6	01	#B18-013							BIT 16 CM ANODE L6	
17722		P07	014			XA507	77			28D	9		H	16YCC6	01	#B18-014							BIT 16 CM CATH L6	
17723		P07	015			XA509	66			28D	9		H	16YCA7	01	#B18-015							BIT 16 CM ANODE L7	
17724		P07	016			XA507	80			28D	9		H	16YCC7	01	#B18-016							BIT 16 CM CATH L7	
17685		P07	017			XA509	13			28D	9		H	15YCA0	01	#B17-001							BIT 15 CM ANODE L0	
17686		P07	018			XA510	61			28D	9		H	15YCC0	01	#B17-002							BIT 15 CM CATH L0	
17687		P07	019			XA509	18			28D	9		H	15YCA1	01	#B17-003							BIT 15 CM ANODE L1	
17688		P07	020			XA510	64			28D	9		H	15YCC1	01	#B17-004							BIT 15 CM CATH L1	
17689		P07	021			XA510	49			28D	9		H	15YCA2	01	#B17-005							BIT 15 CM ANODE L2	
17690		P07	022			XA509	31			28D	9		H	15YCC2	01	#B17-006							BIT 15 CM CATH L2	
17691		P07	023			XA510	52			28D	9		H	15YCA3	01	#B17-007							BIT 15 CM ANODE L3	
17692		P07	024			XA509	24			28D	9		H	15YCC3	01	#B17-008							BIT 15 CM CATH L3	
17693		P07	025			XA510	13			28D	9		H	15YCA4	01	#B17-009							BIT 15 CM ANODE L4	
17694		P07	026			XA509	61			28D	9		H	15YCC4	01	#B17-010							BIT 15 CM CATH L4	
00366		P07	027											SPP										
00367		P07	028											DNW										
00368		P07	029											DNW										
00369		P07	030											SPP										
00370		P07	031											SPP										
00371		P07	032											SPP										
17695		P07	033			XA510	18			28D	9		H	15YCA5	01	#B17-011							BIT 15 CM ANODE L5	
17696		P07	034			XA509	64			28D	9		H	15YCC5	01	#B17-012							BIT 15 CM CATH L5	
17697		P07	035			XA509	49			28D	9		H	15YCA6	01	#B17-013							BIT 15 CM ANODE L6	
17698		P07	036			XA510	31			28D	9		H	15YCC6	01	#B17-014							BIT 15 CM CATH L6	
17699		P07	037			XA509	52			28D	9		H	15YCA7	01	#B17-015							BIT 15 CM ANODE L7	
17700		P07	038			XA510	24			28D	9		H	15YCC7	01	#B17-016							BIT 15 CM CATH L7	
17661		P07	039			XA507	13			28D	9		H	14YCA0	01	#B16-001							BIT 14 CM ANODE L0	
17662		P07	040			XA508	61			28D	9		H	14YCC0	01	#B16-002							BIT 14 CM CATH L0	
17663		P07	041			XA507	18			28D	9		H	14YCA1	01	#B16-003							BIT 14 CM ANODE L1	
17664		P07	042			XA508	64			28D	9		H	14YCC1	01	#B16-004							BIT 14 CM CATH L1	
17665		P07	043			XA508	49			28D	9		H	14YCA2	01	#B16-005							BIT 14 CM ANODE L2	
17666		P07	044			XA507	31			28D	9		H	14YCC2	01	#B16-006							BIT 14 CM CATH L2	
17667		P07	045			XA508	52			28D	9		H	14YCA3	01	#B16-007							BIT 14 CM ANODE L3	
17668		P07	046			XA507	24			28D	9		H	14YCC3	01	#B16-008							BIT 14 CM CATH L3	
17669		P07	047			XA508	13			28D	9		H	14YCA4	01	#B16-009							BIT 14 CM ANODE L4	
17670		P07	048			XA507	61			28D	9		H	14YCC4	01	#B16-010							BIT 14 CM CATH L4	
17671		P07	049			XA508	18			28D	9		H	14YCA5	01	#B16-011							BIT 14 CM ANODE L5	
17672		P07	050			XA507	64			28D	9		H	14YCC5	01	#B16-012							BIT 14 CM CATH L5	

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RECORD NUMBER	FROM PREFIX	FROM CONNECTOR	FROM PIN	FROM SH PG	TO PREFIX	TO CONNECTOR	TO PIN	TO SH PG	WIRE MULTI GROUP	WIRE CODE	WIRE COLOR	WIRE IDENT	SPEC INST MISC	SIGNAL	SEQ NO	EQUATION	T/L RN	FACTOR	CKT OR CHIP TYPE	GROUP	LOAD OR POWER PLANE	TEST PO ATS AND DP	PANEL DESIGNATION	ECO NO
17673		P07	051			XA507	49			2BD	9		H	14YCA6	01	#B16-013							BIT 14 CM ANODE L6	
17674		P07	052			XA508	31			2BD	9		H	14YCC6	01	#B16-014							BIT 14 CM CATH L6	
17675		P07	053			XA507	52			2BD	9		H	14YCA7	01	#B16-015							BIT 14 CM ANODE L7	
17676		P07	054			XA508	24			2BD	9		H	14YCC7	01	#B16-016							BIT 14 CM CATH L7	
17725		P07	055			P07	111			2BD	9		H	SSDETF	01	#B18-017							BIT14 CURRENT LOOP	
00372		P07	056											SPP										
00373		P07	057											SPP										
00374		P07	058											SPP										
00375		P07	059											SPP										
00376		P07	060											SPP										
00377		P07	061											SPP										
00378		P07	062											SPP										
00379		P07	063											SPP										
00380		P07	064											SPP										
00381		P07	065											SPP										
00382		P07	066											SPP										
00383		P07	067											SPP										
00384		P07	068											SPP										
00385		P07	069											SPP										
00386		P07	070											SPP										
00387		P07	071											SPP										
00388		P07	072											SPP										
00389		P07	073											SPP										
00390		P07	074											SPP										
17726		P07	075			XA504	65			2BD	9		H	16YSS0	00	#B18-018							BIT 16 BUS 0	
17727		P07	076			XA503	65			2BD	9		H	16YSS1	00	#B18-019							BIT 16 BUS 1	
17728		P07	077			XA506	65			2BD	9		H	16YSS2	00	#B18-020							BIT 16 BUS 2	
17729		P07	078			XA503	70			2BD	9		H	16YSS3	00	#B18-021							BIT 16 BUS 3	
17730		P07	079			XA508	65			2BD	9		H	16YSS4	00	#B18-022							BIT 16 BUS 4	
17731		P07	080			XA507	65			2BD	9		H	16YSS5	00	#B18-023							BIT 16 BUS 5	
17732		P07	081			XA508	70			2BD	9		H	16YSS6	00	#B18-024							BIT 16 BUS 6	
17733		P07	082			XA507	70			2BD	9		H	16YSS7	00	#B18-025							BIT 16 BUS 7	
00391		P07	083											SPP										
00392		P07	084											DNW										
00393		P07	085											DNW										
00394		P07	086											SPP										
17701		P07	087			XA509	09			2BD	9		H	15YSS0	00	#B17-017							BIT 15 BUS 0	
17702		P07	088			XA510	21			2BD	9		H	15YSS1	00	#B17-018							BIT 15 BUS 1	
17703		P07	089			XA510	09			2BD	9		H	15YSS2	00	#B17-019							BIT 15 BUS 2	
17704		P07	090			XA509	21			2BD	9		H	15YSS3	00	#B17-020							BIT 15 BUS 3	
17705		P07	091			XA510	51			2BD	9		H	15YSS4	00	#B17-021							BIT 15 BUS 4	
17706		P07	092			XA509	40			2BD	9		H	15YSS5	00	#B17-022							BIT 15 BUS 5	
17707		P07	093			XA510	45			2BD	9		H	15YSS6	00	#B17-023							BIT 15 BUS 6	
17708		P07	094			XA509	53			2BD	9		H	15YSS7	00	#B17-024							BIT 15 BUS 7	
00395		P07	095											SPP										
00396		P07	096											SPP										
00397		P07	097											SPP										
00398		P07	098											SPP										
00399		P07	099											SPP										
00400		P07	100											SPP										

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DRAWING NUMBER 149304-880 UNIT ASSEMBLY NO. 149304 REV G INDEX P07

UNIT ASSEMBLY CARD CAGE WIRED, MCU CONNECTOR FILE IDENT T39AMCMU DATE 09-02-82 PAGE 27

RECORD NUMBER	FROM PREFIX	FROM CONNECTOR	FROM PIN	FROM SHIELD	TO PREFIX	TO CONNECTOR	TO PIN	TO SHIELD	WIRE WIRE GROUP	WIRE CODE	WIRE COLOR	WIRE IDENT	SEC INST SEC	SIGNAL	SCO NO	EQUATION	TERM	FACTOR	CKT OR CHIP TYPE	GDP	LOAD OR POWER PLANE	TEST POINTS AND	TEST POINTS OR	SIGNAL DESCRIPTION	ECO NO
00401		P07	101											SPP											
00402		P07	102											SPP											
17677		P07	103			XA507	09			28D	9		H	14YSS0	00	#B16-017								BIT 14 BUS 0	
17678		P07	104			XA507	11			28D	9		H	14YSS1	00	#B16-018								BIT 14 BUS 1	
17679		P07	105			XA508	09			28D	9		H	14YSS2	00	#B16-019								BIT 14 BUS 2	
17680		P07	106			XA507	21			28D	9		H	14YSS3	00	#B16-020								BIT 14 BUS 3	
17681		P07	107			XA508	51			28D	9		H	14YSS4	00	#B16-021								BIT 14 BUS 4	
17682		P07	108			XA508	53			28D	9		H	14YSS5	00	#B16-022								BIT 14 BUS 5	
17683		P07	109			XA507	51			28D	9		H	14YSS6	00	#B16-023								BIT 14 BUS 6	
17684		P07	110			XA508	40			28D	9		H	14YSS7	00	#B16-024								BIT 14 BUS 7	
00403		P07	111											SSDETF	02										
00404		P07	112											SPP											

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Litton DATA SYSTEMS

DRAWING NUMBER 149304-880 UNIT ASSEMBLY NO. 149304 REV G INDEX P08

UNIT ASSEMBLY CARD CAGE WIRED, MCU CONNECTOR FILE IDENT T39AMCMU DATE 09-02-82 PAGE 28

RECORD NUMBER	FROM PREFIX	FROM CONNECTOR	FROM PIN	FROM SHEET	TO PREFIX	TO CONNECTOR	TO PIN	TO SHEET	WIRE MULTI GROUP	WIRE CODE	WIRE COLOR	WIRE IDENT	SPEC TYPE/USE	SIGNAL	SEQ NO	EQUATION	TERM FACTOR	CKT OR CMP TYPE	GROUP	LOAD OR POWER PLANE	TEST POINTS ANC	TEST POINTS OR	SIGNAL DESCRIPTION	LOG NO
17612		P08	001			XA414	13			28D	9		H	13YCA0	01	#B14-001							BIT 13 CM ANODE L0	
17613		P08	002			XA415	61			28D	9		H	13YCC0	01	#B14-002							BIT 13 CM CATH L0	
17614		P08	003			XA414	18			28D	9		H	13YCA1	01	#B14-003							BIT 13 CM ANODE L1	
17615		P08	004			XA415	64			28D	9		H	13YCC1	01	#B14-004							BIT 13 CM CATH L1	
17616		P08	005			XA415	49			28D	9		H	13YCA2	01	#B14-005							BIT 13 CM ANODE L2	
17617		P08	006			XA414	31			28D	9		H	13YCC2	01	#B14-006							BIT 13 CM CATH L2	
17618		P08	007			XA415	52			28D	9		H	13YCA3	01	#B14-007							BIT 13 CM ANODE L3	
17619		P08	008			XA414	24			28D	9		H	13YCC3	01	#B14-008							BIT 13 CM CATH L3	
17620		P08	009			XA415	13			28D	9		H	13YCA4	01	#B14-009							BIT 13 CM ANODE L4	
17621		P08	010			XA414	61			28D	9		H	13YCC4	01	#B14-010							BIT 13 CM CATH L4	
17622		P08	011			XA415	18			28D	9		H	13YCA5	01	#B14-011							BIT 13 CM ANODE L5	
17623		P08	012			XA414	64			28D	9		H	13YCC5	01	#B14-012							BIT 13 CM CATH L5	
17624		P08	013			XA414	49			28D	9		H	13YCA6	01	#B14-013							BIT 13 CM ANODE L6	
17625		P08	014			XA415	31			28D	9		H	13YCC6	01	#B14-014							BIT 13 CM CATH L6	
17626		P08	015			XA414	52			28D	9		H	13YCA7	01	#B14-015							BIT 13 CM ANODE L7	
17627		P08	016			XA415	24			28D	9		H	13YCC7	01	#B14-016							BIT 13 CM CATH L7	
17588		P08	017			XA412	13			28D	9		H	12YCA0	01	#B13-002							BIT 12 CM ANODE L0	
17589		P08	018			XA413	61			28D	9		H	12YCC0	01	#B13-003							BIT 12 CM CATH L0	
17590		P08	019			XA412	18			28D	9		H	12YCA1	01	#B13-004							BIT 12 CM ANODE L1	
17591		P08	020			XA413	64			28D	9		H	12YCC1	01	#B13-005							BIT 12 CM CATH L1	
17592		P08	021			XA413	49			28D	9		H	12YCA2	01	#B13-006							BIT 12 CM ANODE L2	
17593		P08	022			XA412	31			28D	9		H	12YCC2	01	#B13-007							BIT 12 CM CATH L2	
17594		P08	023			XA413	52			28D	9		H	12YCA3	01	#B13-008							BIT 12 CM ANODE L3	
17595		P08	024			XA412	24			28D	9		H	12YCC3	01	#B13-009							BIT 12 CM CATH L3	
17596		P08	025			XA413	13			28D	9		H	12YCA4	01	#B13-010							BIT 12 CM ANODE L4	
17597		P08	026			XA412	61			28D	9		H	12YCC4	01	#B13-011							BIT 12 CM CATH L4	
00405		P08	027											SPP										
00406		P08	028											DNW										
00407		P08	029											DNW										
17598		P08	030			XA413	18			28D	9		H	12YCA5	01	#B13-012							BIT 12 CM ANODE L5	
17599		P08	031			XA412	64			28D	9		H	12YCC5	01	#B13-013							BIT 12 CM CATH L5	
17600		P08	032			XA412	49			28D	9		H	12YCA6	01	#B13-014							BIT 12 CM ANODE L6	
17601		P08	033			XA413	31			28D	9		H	12YCC6	01	#B13-015							BIT 12 CM CATH L6	
17602		P08	034			XA412	52			28D	9		H	12YCA7	01	#B13-016							BIT 12 CM ANODE L7	
17603		P08	035			XA413	24			28D	9		H	12YCC7	01	#B13-017							BIT 12 CM CATH L7	
17635		P08	036			XA309	13			28D	9		H	11YCA0	01	#B15-001							BIT 11 CM ANODE L0	
17636		P08	037			XA310	61			28D	9		H	11YCC0	01	#B15-002							BIT 11 CM CATH L0	
17637		P08	038			XA309	18			28D	9		H	11YCA1	01	#B15-003							BIT 11 CM ANODE L1	
17638		P08	039			XA310	64			28D	9		H	11YCC1	01	#B15-004							BIT 11 CM CATH L1	
17639		P08	040			XA310	49			28D	9		H	11YCA2	01	#B15-005							BIT 11 CM ANODE L2	
17640		P08	041			XA309	31			28D	9		H	11YCC2	01	#B15-006							BIT 11 CM CATH L2	
17641		P08	042			XA310	52			28D	9		H	11YCA3	01	#B15-007							BIT 11 CM ANODE L3	
17642		P08	043			XA309	24			28D	9		H	11YCC3	01	#B15-008							BIT 11 CM CATH L3	
17643		P08	044			XA310	13			28D	9		H	11YCA4	01	#B15-009							BIT 11 CM ANODE L4	
17644		P08	045			XA309	61			28D	9		H	11YCC4	01	#B15-010							BIT 11 CM CATH L4	
17645		P08	046			XA310	18			28D	9		H	11YCA5	01	#B15-011							BIT 11 CM ANODE L5	
17646		P08	047			XA309	64			28D	9		H	11YCC5	01	#B15-012							BIT 11 CM CATH L5	
17647		P08	048			XA309	49			28D	9		H	11YCA6	01	#B15-013							BIT 11 CM ANODE L6	
17648		P08	049			XA310	31			28D	9		H	11YCC6	01	#B15-014							BIT 11 CM CATH L6	
17649		P08	050			XA309	52			28D	9		H	11YCA7	01	#B15-015							BIT 11 CM ANODE L7	
CONNECTOR P08 CONTINUED ON THE NEXT PAGE ****																								

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DRAWING NUMBER 149304-880 UNIT ASSEMBLY NO. 149304 REV G INDEX P08

UNIT ASSEMBLY CARD CAGE WIRED, MCU CONNECTOR FILE IDENT T39AMCMU DATE 09-02-82 PAGE 29

RECORD NUMBER	FROM PREFIX	FROM CONNECTOR	FROM PIN	FROM SHIELD	TO PREFIX	TO CONNECTOR	TO PIN	TO SHIELD	WIRE MULTI GROUP	WIRE CODE	WIRE COLOR	WIRE IDENT	SPLICE/TEST POINT	SIGNAL	SPEC NO	EQUATION	TERM FACTOR	CKT OR CHIP TYPE	GROUP	LOAD OR POWER PLANE	TEST POINTS AND	TEST POINTS OR	SIGNAL DESCRIPTION	ECO NO
17650		P08	051			XA310	24			2BD	9		H	11YCC7	01	#B15-016							BIT 11 CM CATH L7	
00408		P08	052											SPP										
00409		P08	053											SPP										
00410		P08	054											SPP										
00411		P08	055											SPP										
17651		P08	056			XA104	08		AC	23D	0		H	SSRT3B4A	00	#B15-017								
00412		P08	057											SPP										
00413		P08	058											SPP										
17628		P08	059			XA414	09			2BD	9		H	13YSS0	00	#B14-017							BIT 13 BUS 0	
17629		P08	060			XA415	21			2BD	9		H	13YSS1	00	#B14-018							BIT 13 BUS 1	
17630		P08	061			XA414	15			2BD	9		H	13YSS2	00	#B14-019							BIT 13 BUS 2	
17631		P08	062			XA415	11			2BD	9		H	13YSS3	00	#B14-020							BIT 13 BUS 3	
17632		P08	063			XA414	45			2BD	9		H	13YSS4	00	#B14-021							BIT 13 BUS 4	
17633		P08	064			XA415	53			2BD	9		H	13YSS5	00	#B14-022							BIT 13 BUS 5	
17634		P08	065			XA414	51			2BD	9		H	13YSS6	00	#B14-023							BIT 13 BUS 6	
17587		P08	066			XA415	40			2BD	9		H	13YSS7	00	#B13-001							BIT 13 BUS 7	
00414		P08	067											SPP										
00415		P08	068											SPP										
00416		P08	069											SPP										
00417		P08	070											SPP										
00418		P08	071											SPP										
00419		P08	072											SPP										
00420		P08	073											SPP										
00421		P08	074											SPP										
17604		P08	075			XA412	09			2BD	9		H	12YSS0	00	#B13-018							BIT 12 BUS 0	
17605		P08	076			XA413	21			2BD	9		H	12YSS1	00	#B13-019							BIT 12 BUS 1	
17606		P08	077			XA412	15			2BD	9		H	12YSS2	00	#B13-020							BIT 12 BUS 2	
17607		P08	078			XA412	21			2BD	9		H	12YSS3	00	#B13-021							BIT 12 BUS 3	
17608		P08	079			XA413	51			2BD	9		H	12YSS4	00	#B13-022							BIT 12 BUS 4	
17609		P08	080			XA412	40			2BD	9		H	12YSS5	00	#B13-023							BIT 12 BUS 5	
17610		P08	081			XA413	45			2BD	9		H	12YSS6	00	#B13-024							BIT 12 BUS 6	
17611		P08	082			XA412	53			2BD	9		H	12YSS7	00	#B13-025							BIT 12 BUS 7	
00422		P08	083											SPP										
00423		P08	084											DNW										
00424		P08	085											DNW										
00425		P08	086											SPP										
00426		P08	087											SPP										
00427		P08	088											SPP										
00428		P08	089											SPP										
00429		P08	090											SPP										
00430		P08	091											SPP										
00431		P08	092											SPP										
00432		P08	093											SPP										
00433		P08	094											SPP										
00434		P08	095											SPP										
00435		P08	096											SPP										
00436		P08	097											SPP										
00437		P08	098											SPP										
00438		P08	099											SPP										
00439		P08	100											SPP										
CONNECTOR (P08) CONTINUED ON THE NEXT PAGE ****																								

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DRAWING NUMBER 149304-880 UNIT ASSEMBLY NO. 149304 REV G INDEX P08

UNIT ASSEMBLY CARD CAGE WIRED, MCU CONNECTOR FILE IDENT T39AMCMU DATE 09-02-82 PAGE 30

RECORD NUMBER	FROM			SH FG	TO			SH FG	WIRE				SPC INST MISC	SIGNAL	SEQ NO	EQUATION	TERM FACTOR	CNT OR CHIP TYPE	GHOST	LOAD OF POWER PLANE	TEST POINTS AND	TEST POINTS OF	SIGNAL DESCRIPTION	ECO NO
	PREFIX	CONNECTOR	PIN		PREFIX	CONNECTOR	PIN		MULTI GROUP	CODE	COLOR	IDENT												
00440		P08	101											SPP										
00441		P08	102											SPP										
17653		P08	103			XA309	09			2BD	9		H	11YSS0	00	#B15-019							BIT 11 BUS 0	
17654		P08	104			XA310	21			2BD	9		H	11YSS1	00	#B15-020							BIT 11 BUS 1	
17655		P08	105			XA309	15			2BD	9		H	11YSS2	00	#B15-021							BIT 11 BUS 2	
17656		P08	106			XA310	11			2BD	9		H	11YSS3	00	#B15-022							BIT 11 BUS 3	
17657		P08	107			XA310	51			2BD	9		H	11YSS4	00	#B15-023							BIT 11 BUS 4	
17658		P08	108			XA310	53			2BD	9		H	11YSS5	00	#B15-024							BIT 11 BUS 5	
17659		P08	109			XA309	51			2BD	9		H	11YSS6	00	#B15-025							BIT 11 BUS 6	
17660		P08	110			XA309	53			2BD	9		H	11YSS7	00	#B15-026							BIT 11 BUS 7	
00442		P08	111											SPP										
01064		P08	112											SSRT2B3A	03									

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DRAWING NUMBER 149304-880 UNIT ASSEMBLY NO. 149304 REV G INDEX P09

UNIT ASSEMBLY CARD CAGE WIRED, MCU CONNECTOR FILE IDENT T39AMCMU DATE 09-02-82 PAGE 31

RECORD NUMBER	FROM PREFIX	FROM CONNECTOR	FROM PIN	FROM SHIELD	TO PREFIX	TO CONNECTOR	TO PIN	TO SHIELD	WIRE WIRE GROUP	WIRE CODE	WIRE COLOR	WIRE IDENT	SPEC INST MISC	SIGNAL	SEQ NO	EQUATION	TERM	FUNCTION	CKT OR CHIP TYPE	GROUP	LOAD OR POWER PLANE	TEST POINTS AND	TEST POINTS OR	SIGNAL DESCRIPTION	ECO NO
17514		P09	001			XA208	13			2BD	9		H	10YCA0	01	#B10-001								BIT 10 CM ANODE L0	
17515		P09	002			XA209	61			2BD	9		H	10YCC0	01	#B10-002								BIT 10 CM CATH L0	
17516		P09	003			XA208	18			2BD	9		H	10YCA1	01	#B10-003								BIT 10 CM ANODE L1	
17517		P09	004			XA209	64			2BD	9		H	10YCC1	01	#B10-004								BIT 10 CM CATH L1	
17518		P09	005			XA209	49			2BD	9		H	10YCA2	01	#B10-005								BIT 10 CM ANODE L2	
17519		P09	006			XA208	31			2BD	9		H	10YCC2	01	#B10-006								BIT 10 CM CATH L2	
17520		P09	007			XA209	52			2BD	9		H	10YCA3	01	#B10-007								BIT 10 CM ANODE L3	
17521		P09	008			XA208	24			2BD	9		H	10YCC3	01	#B10-008								BIT 10 CM CATH L3	
17522		P09	009			XA209	13			2BD	9		H	10YCA4	01	#B10-009								BIT 10 CM ANODE L4	
17523		P09	010			XA208	61			2BD	9		H	10YCC4	01	#B10-010								BIT 10 CM CATH L4	
17524		P09	011			XA209	18			2BD	9		H	10YCA5	01	#B10-011								BIT 10 CM ANODE L5	
17525		P09	012			XA208	64			2BD	9		H	10YCC5	01	#B10-012								BIT 10 CM CATH L5	
17526		P09	013			XA208	49			2BD	9		H	10YCA6	01	#B10-013								BIT 10 CM ANODE L6	
17527		P09	014			XA209	31			2BD	9		H	10YCC6	01	#B10-014								BIT 10 CM CATH L6	
17528		P09	015			XA208	52			2BD	9		H	10YCA7	01	#B10-015								BIT 10 CM ANODE L7	
17529		P09	016			XA209	24			2BD	9		H	10YCC7	01	#B10-016								BIT 10 CM CATH L7	
17563		P09	017			XA116	13			2BD	9		H	09YCA0	01	#B12-001								BIT 9 CM ANODE L0	
17564		P09	018			XA117	61			2BD	9		H	09YCC0	01	#B12-002								BIT 9 CM CATH L0	
17565		P09	019			XA116	18			2BD	9		H	09YCA1	01	#B12-003								BIT 9 CM ANODE L1	
17566		P09	020			XA117	64			2BD	9		H	09YCC1	01	#B12-004								BIT 9 CM CATH L1	
17567		P09	021			XA117	49			2BD	9		H	09YCA2	01	#B12-005								BIT 9 CM ANODE L2	
17568		P09	022			XA116	31			2BD	9		H	09YCC2	01	#B12-006								BIT 9 CM CATH L2	
17569		P09	023			XA117	52			2BD	9		H	09YCA3	01	#B12-007								BIT 9 CM ANODE L3	
17570		P09	024			XA116	24			2BD	9		H	09YCC3	01	#B12-008								BIT 9 CM CATH L3	
17571		P09	025			XA117	13			2BD	9		H	09YCA4	01	#B12-009								BIT 9 CM ANODE L4	
17572		P09	026			XA116	61			2BD	9		H	09YCC4	01	#B12-010								BIT 9 CM CATH L4	
00443		P09	027											SPP											
00444		P09	028											DNW											
00445		P09	029											DNW											
17573		P09	030			XA117	18			2BD	9		H	09YCA5	01	#B12-011								BIT 9 CM ANODE L5	
17574		P09	031			XA116	64			2BD	9		H	09YCC5	01	#B12-012								BIT 9 CM CATH L5	
17575		P09	032			XA116	49			2BD	9		H	09YCA6	01	#B12-013								BIT 9 CM ANODE L6	
17576		P09	033			XA117	31			2BD	9		H	09YCC6	01	#B12-014								BIT 9 CM CATH L6	
17577		P09	034			XA116	52			2BD	9		H	09YCA7	01	#B12-015								BIT 9 CM ANODE L7	
17578		P09	035			XA117	24			2BD	9		H	09YCC7	01	#B12-016								BIT 9 CM CATH L7	
17538		P09	036			XA114	13			2BD	9		H	08YCA0	01	#B11-001								BIT 8 CM ANODE L0	
17539		P09	037			XA115	61			2BD	9		H	08YCC0	01	#B11-002								BIT 8 CM CATH L0	
17540		P09	038			P09	093			2BD	9		H	SSDETH	01	#B11-003								BIT8 CURRENT LOOP	
17541		P09	039			XA114	18			2BD	9		H	08YCA1	01	#B11-004								BIT 8 CM ANODE L1	
17542		P09	040			XA115	64			2BD	9		H	08YCC1	01	#B11-005								BIT 8 CM CATH L1	
17543		P09	041			XA115	49			2BD	9		H	08YCA2	01	#B11-006								BIT 8 CM ANODE L2	
17544		P09	042			XA114	31			2BD	9		H	08YCC2	01	#B11-007								BIT 8 CM CATH L2	
17545		P09	043			XA115	52			2BD	9		H	08YCA3	01	#B11-008								BIT 8 CM ANODE L3	
17546		P09	044			XA114	24			2BD	9		H	08YCC3	01	#B11-009								BIT 8 CM CATH L3	
00446		P09	045											SPP											
00447		P09	046											SPP											
00448		P09	047											SPP											
17547		P09	048			XA115	13			2BD	9		H	08YCA4	01	#B11-010								BIT 8 CM ANODE L4	
17548		P09	049			XA114	61			2BD	9		H	08YCC4	01	#B11-011								BIT 8 CM CATH L4	
17549		P09	050			XA115	18			2BD	9		H	08YCA5	01	#B11-012								BIT 8 CM ANODE L5	
CONNECTOR P09 CONTINUED ON THE NEXT PAGE ****																									

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DRAWING NUMBER 149304-880 UNIT ASSEMBLY NO. 149304 REV G INDEX P09

UNIT ASSEMBLY CARD CAGE WIRED, MCU CONNECTOR FILE IDENT T39AMCMU DATE 09-02-82 PAGE 32

RECORD NUMBER	FROM PREFIX	FROM CONNECTOR	FROM PIN	FROM SH FG	TO PREFIX	TO CONNECTOR	TO PIN	TO SH FG	WIRE MULTI GROUP	WIRE CODE	WIRE COLOR	WIRE IDENT	SPC INST MISC	SIGNAL	SEC NO	EQUATION	TERM	FACTOR	CKT OR CHIP TYPE	GROUP	LOAC OR BOARD PLANE	TEST POINTS ANC	TEST POINTS OR	SIGNAL DESCRIPTION	ECO NO
17550		P09	051			XA114	64			2BD	9		H	08YCC5	01	#B11-013								BIT 8 CM CATH L5	
17551		P09	052			XA114	49			2BD	9		H	08YCA6	01	#B11-014								BIT 8 CM ANODE L6	
17552		P09	053			XA115	31			2BD	9		H	08YCC6	01	#B11-015								BIT 8 CM CATH L6	
17553		P09	054			XA114	52			2BD	9		H	08YCA7	01	#B11-016								BIT 8 CM ANODE L7	
17554		P09	055			XA115	24			2BD	9		H	08YCC7	01	#B11-017								BIT 8 CM CATH L7	
00449		P09	056											SPP											
17530		P09	057			XA209	15			2BD	9		H	10YSS0	00	#B10-017								BIT 10 BUS 0	
17531		P09	058			XA209	21			2BD	9		H	10YSS1	00	#B10-018								BIT 10 BUS 1	
17532		P09	059			XA208	15			2BD	9		H	10YSS2	00	#B10-019								BIT 10 BUS 2	
17533		P09	060			XA208	21			2BD	9		H	10YSS3	00	#B10-020								BIT 10 BUS 3	
17534		P09	061			XA208	45			2BD	9		H	10YSS4	00	#B10-021								BIT 10 BUS 4	
17535		P09	062			XA209	53			2BD	9		H	10YSS5	00	#B10-022								BIT 10 BUS 5	
17536		P09	063			XA209	45			2BD	9		H	10YSS6	00	#B10-023								BIT 10 BUS 6	
17537		P09	064			XA209	40			2BD	9		H	10YSS7	00	#B10-024								BIT 10 BUS 7	
00450		P09	065											SPP											
00451		P09	066											SPP											
00452		P09	067											SPP											
00453		P09	068											SPP											
00454		P09	069											SPP											
00455		P09	070											SPP											
00456		P09	071											SPP											
00457		P09	072											SPP											
00458		P09	073											SPP											
00459		P09	074											SPP											
17579		P09	075			XA117	15			2BD	9		H	09YSS0	00	#B12-017								BIT 9 BUS 0	
17580		P09	076			XA117	21			2BD	9		H	09YSS1	00	#B12-018								BIT 9 BUS 1	
17581		P09	077			XA117	09			2BD	9		H	09YSS2	00	#B12-019								BIT 9 BUS 2	
17582		P09	078			XA116	21			2BD	9		H	09YSS3	00	#B12-020								BIT 9 BUS 3	
17583		P09	079			XA117	51			2BD	9		H	09YSS4	00	#B12-021								BIT 9 BUS 4	
17584		P09	080			XA116	40			2BD	9		H	09YSS5	00	#B12-022								BIT 9 BUS 5	
17585		P09	081			XA116	51			2BD	9		H	09YSS6	00	#B12-023								BIT 9 BUS 6	
17586		P09	082			XA117	40			2BD	9		H	09YSS7	00	#B12-024								BIT 9 BUS 7	
00460		P09	083											SPP											
00461		P09	084											DNW											
00462		P09	085											DNW											
00463		P09	086											SPP											
00464		P09	087											SPP											
00465		P09	088											SPP											
00466		P09	089											SPP											
17555		P09	090			XA114	09			2BD	9		H	08YSS0	00	#B11-018								BIT 8 BUS 0	
17556		P09	091			XA115	21			2BD	9		H	08YSS1	00	#B11-019								BIT 8 BUS 1	
17557		P09	092			XA115	09			2BD	9		H	08YSS2	00	#B11-020								BIT 8 BUS 2	
00467		P09	093											SSDETH	02										
00468		P09	094											SPP											
00469		P09	095											SPP											
00470		P09	096											SPP											
00471		P09	097											SPP											
00472		P09	098											SPP											
17558		P09	099			XA115	11			2BD	9		H	08YSS3	00	#B11-021								BIT 8 BUS 3	
17559		P09	100			XA115	51			2BD	9		H	08YSS4	00	#B11-022								BIT 8 BUS 4	
CONNECTOR (P09) CONTINUED ON THE NEXT PAGE ****																									

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DRAWING NUMBER 149304-880 UNIT ASSEMBLY NO. 149304 REV G INDEX P09

UNIT ASSEMBLY CARD CAGE WIRED, MCU CONNECTOR FILE IDENT T39AMCMU DATE 09-02-82 PAGE 33

RECORD NUMBER	FROM			SH FG	TO			SH FG	WIRE				SPC INST NO.	SIGNAL	SPC NO	EQUATION	TERM	PARTITION	CKT OR CHIP TYPE	GROUP	LOAD OR POWER PLANS	TEST POINTS		SIGNAL DESCRIPTION	ECO NO
	PREFIX	CONNECTOR	PIN		PREFIX	CONNECTOR	PIN		MULTI GROUP	CODE	COLOR	IDENT										AND	OR		
17560		P09	101			XA114	40			2BD	9		H	08YSS5	00	#B11-023								BIT 8 BUS 5	
17561		P09	102			XA115	45			2BD	9		H	08YSS6	00	#B11-024								BIT 8 BUS 6	
17562		P09	103			XA114	53			2BD	9		H	08YSS7	00	#B11-025								BIT 8 BUS 7	
00473		P09	104											SPP											
00474		P09	105											SPP											
00475		P09	106											SPP											
00476		P09	107											SPP											
00477		P09	108											SPP											
00478		P09	109											SPP											
00479		P09	110											SPP											
00480		P09	111											SPP											
00481		P09	112											SPP											

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RECORD NUMBER	FROM PREFIX	FROM CONNECTOR	FROM PIN	FROM SH FG	TO PREFIX	TO CONNECTOR	TO PIN	TO SH FG	WIRE MULTI GROUP	WIRE CODE	WIRE COLOR	WIRE IDENT	SPEC INST MISC	SIGNAL	SEQ NO	EQUATION	TERM	FACTOR	CKT OR CHIP TYPE	GROUP	LOAD OF POWER PLANE	TEST POINTS AND OF	SIGNAL DESCRIPTION	ECO NO
00482		P10	001											SPP										
00483		P10	002											SPP										
00484		P10	003											SPP										
00485		P10	004											SPP										
00486		P10	005											SPP										
00487		P10	006											SPP										
00488		P10	007											SPP										
00489		P10	008											SPP										
00490		P10	009											SPP										
00491		P10	010											SPP										
00492		P10	011											SPP										
00493		P10	012											SPP										
00494		P10	013											SPP										
17341		P10	014			XA112	13			28D	9		H	07YCA0	01	#B03-024							BIT 7 CM ANODE L0	
17340		P10	015			XA113	61			28D	9		H	07YCC0	01	#B03-023							BIT 7 CM CATH L0	
17339		P10	016			XA112	18			28D	9		H	07YCA1	01	#B03-022							BIT 7 CM ANODE L1	
17338		P10	017			XA113	64			28D	9		H	07YCC1	01	#B03-021							BIT 7 CM CATH L1	
17337		P10	018			XA113	49			28D	9		H	07YCA2	01	#B03-020							BIT 7 CM ANODE L2	
17336		P10	019			XA112	31			28D	9		H	07YCC2	01	#B03-019							BIT 7 CM CATH L2	
17335		P10	020			XA113	52			28D	9		H	07YCA3	01	#B03-018							BIT 7 CM ANODE L3	
17334		P10	021			XA112	24			28D	9		H	07YCC3	01	#B03-017							BIT 7 CM CATH L3	
17333		P10	022			XA113	13			28D	9		H	07YCA4	01	#B03-016							BIT 7 CM ANODE L4	
17332		P10	023			XA112	61			28D	9		H	07YCC4	01	#B03-015							BIT 7 CM CATH L4	
17331		P10	024			XA113	18			28D	9		H	07YCA5	01	#B03-014							BIT 7 CM ANODE L5	
17330		P10	025			XA112	64			28D	9		H	07YCC5	01	#B03-013							BIT 7 CM CATH L5	
17329		P10	026			XA112	49			28D	9		H	07YCA6	01	#B03-012							BIT 7 CM ANODE L6	
17328		P10	027			XA113	31			28D	9		H	07YCC6	01	#B03-011							BIT 7 CM CATH L6	
00495		P10	028											DNW										
00496		P10	029											DNW										
17327		P10	030			XA112	52			28D	9		H	07YCA7	01	#B03-010							BIT 7 CM ANODE L7	
17326		P10	031			XA113	24			28D	9		H	07YCC7	01	#B03-009							BIT 7 CM CATH L7	
17317		P10	032			XA110	13			28D	9		H	06YCA0	01	#B02-024							BIT 6 CM ANODE L0	
17316		P10	033			XA111	61			28D	9		H	06YCC0	01	#B02-023							BIT 6 CM CATH L0	
17315		P10	034			XA110	18			28D	9		H	06YCA1	01	#B02-022							BIT 6 CM ANODE L1	
17314		P10	035			XA111	64			28D	9		H	06YCC1	01	#B02-021							BIT 6 CM CATH L1	
17313		P10	036			XA111	49			28D	9		H	06YCA2	01	#B02-020							BIT 6 CM ANODE L2	
17312		P10	037			XA110	31			28D	9		H	06YCC2	01	#B02-019							BIT 6 CM CATH L2	
17311		P10	038			XA111	52			28D	9		H	06YCA3	01	#B02-018							BIT 6 CM ANODE L3	
17310		P10	039			XA110	24			28D	9		H	06YCC3	01	#B02-017							BIT 6 CM CATH L3	
17309		P10	040			XA111	13			28D	9		H	06YCA4	01	#B02-016							BIT 6 CM ANODE L4	
17308		P10	041			XA110	61			28D	9		H	06YCC4	01	#B02-015							BIT 6 CM CATH L4	
17307		P10	042			XA111	18			28D	9		H	06YCA5	01	#B02-014							BIT 6 CM ANODE L5	
17306		P10	043			XA110	64			28D	9		H	06YCC5	01	#B02-013							BIT 6 CM CATH L5	
17305		P10	044			XA110	49			28D	9		H	06YCA6	01	#B02-012							BIT 6 CM ANODE L6	
17304		P10	045			XA111	31			28D	9		H	06YCC6	01	#B02-011							BIT 6 CM CATH L6	
17303		P10	046			XA110	52			28D	9		H	06YCA7	01	#B02-010							BIT 6 CM ANODE L7	
17302		P10	047			XA111	24			28D	9		H	06YCC7	01	#B02-009							BIT 6 CM CATH L7	
17285		P10	048			XA206	13			28D	9		H	05YCA0	01	#B01-016							BIT 5 CM ANODE L0	
17284		P10	049			XA207	61			28D	9		H	05YCC0	01	#B01-015							BIT 5 CM CATH L0	
17283		P10	050			XA206	18			28D	9		H	05YCA1	01	#B01-014							BIT 5 CM ANODE L1	

CONNECTOR (P10) CONTINUED ON THE NEXT PAGE ****

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RECORD NUMBER	FROM PREFIX	FROM CONNECTOR	FROM PIN	FROM SPEC SYMB	TO PREFIX	TO CONNECTOR	TO PIN	TO SPEC SYMB	WIRE VOLT GROUP	WIRE CODE	WIRE COLOR	WIRE IDENT	SPEC SYMB	SIGNAL	SEQ NO	EQUATION	TERM	FACTOR	CKT OR CHIP TYPE	GROUP	LOAD OR POWER PLANE	TEST POINTS AND	TEST POINTS OR	SIGNAL DESCRIPTION	ECO NO
17282		P10	051			XA207	64			2BD	9		H	05YCC1	01	#B01-013								BIT 5 CM CATH L1	
17281		P10	052			XA207	49			2BD	9		H	05YCA2	01	#B01-012								BIT 5 CM ANODE L2	
17280		P10	053			XA206	31			2BD	9		H	05YCC2	01	#B01-011								BIT 5 CM CATH L2	
17279		P10	054			XA207	52			2BD	9		H	05YCA3	01	#B01-010								BIT 5 CM ANODE L3	
17278		P10	055			XA206	24			2BD	9		H	05YCC3	01	#B01-009								BIT 5 CM CATH L3	
00497		P10	056											SPP											
00498		P10	057											SPP											
00499		P10	058											SPP											
00500		P10	059											SPP											
00501		P10	060											SPP											
00502		P10	061											SPP											
00503		P10	062											SPP											
00504		P10	063											SPP											
00505		P10	064											SPP											
00506		P10	065											SPP											
00507		P10	066											SPP											
17325		P10	067			XA112	09			2BD	9		H	07YSS0	00	#B03-008								BIT 7 BUS 0	
17324		P10	068			XA113	21			2BD	9		H	07YSS1	00	#B03-007								BIT 7 BUS 1	
17323		P10	069			XA112	15			2BD	9		H	07YSS2	00	#B03-006								BIT 7 BUS 2	
17322		P10	070			XA113	11			2BD	9		H	07YSS3	00	#B03-005								BIT 7 BUS 3	
17321		P10	071			XA113	51			2BD	9		H	07YSS4	00	#B03-004								BIT 7 BUS 4	
17320		P10	072			XA113	53			2BD	9		H	07YSS5	00	#B03-003								BIT 7 BUS 5	
17319		P10	073			XA112	51			2BD	9		H	07YSS6	00	#B03-002								BIT 7 BUS 6	
17318		P10	074			XA113	40			2BD	9		H	07YSS7	00	#B03-001								BIT 7 BUS 7	
00508		P10	075											SPP											
00509		P10	076											SPP											
00510		P10	077											SPP											
00511		P10	078											SPP											
00512		P10	079											SPP											
00513		P10	080											SPP											
00514		P10	081											SPP											
00515		P10	082											SPP											
00516		P10	083											SPP											
00517		P10	084											DNW											
00518		P10	085											DNW											
17301		P10	086			XA110	09			2BD	9		H	06YSS0	00	#B02-008								BIT 6 BUS 0	
17300		P10	087			XA111	21			2BD	9		H	06YSS1	00	#B02-007								BIT 6 BUS 1	
17299		P10	088			XA110	15			2BD	9		H	06YSS2	00	#B02-006								BIT 6 BUS 2	
17298		P10	089			XA111	11			2BD	9		H	06YSS3	00	#B02-005								BIT 6 BUS 3	
17297		P10	090			XA110	45			2BD	9		H	06YSS4	00	#B02-004								BIT 6 BUS 4	
17296		P10	091			XA111	53			2BD	9		H	06YSS5	00	#B02-003								BIT 6 BUS 5	
17295		P10	092			XA110	51			2BD	9		H	06YSS6	00	#B02-002								BIT 6 BUS 6	
17294		P10	093			XA111	40			2BD	9		H	06YSS7	00	#B02-001								BIT 6 BUS 7	
00519		P10	094											SPP											
00520		P10	095											SPP											
00521		P10	096											SPP											
00522		P10	097											SPP											
00523		P10	098											SPP											
00524		P10	099											SPP											
00525		P10	100											SPP											
CONNECTOR P10) CONTINUED ON THE NEXT PAGE ****																									

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RECORD NUMBER	FROM PREFIX	FROM CONNECTOR	FROM PIN	FROM SH FG	TO PREFIX	TO CONNECTOR	TO PIN	TO SH FG	WIRE MULTI GROUP	WIRE CODE	WIRE COLOR	WIRE IDENT	SPEC TEST MISC	SIGNAL	SEQ NO	EQUATION	TERM	FACTOR	CAT OR CHIP TYPE	GROUP	LOAD OR POWER PLANE	TEST POINTS ANCHOR	SIGNAL DESCRIPTION	ECO NO
00526		P10	101											SPP										
00527		P10	102											SPP										
00528		P10	103											SPP										
17277		P10	104			XA206	09			28D	9		H	05YSS0	00	#B01-008							BIT 5 BUS 0	
17276		P10	105			XA207	21			28D	9		H	05YSS1	00	#B01-007							BIT 5 BUS 1	
17275		P10	106			XA206	15			28D	9		H	05YSS2	00	#B01-006							BIT 5 BUS 2	
17274		P10	107			XA207	11			28D	9		H	05YSS3	00	#B01-005							BIT 5 BUS 3	
17273		P10	108			XA207	51			28D	9		H	05YSS4	00	#B01-004							BIT 5 BUS 4	
17272		P10	109			XA206	40			28D	9		H	05YSS5	00	#B01-003							BIT 5 BUS 5	
17271		P10	110			XA206	51			28D	9		H	05YSS6	00	#B01-002							BIT 5 BUS 6	
17270		P10	111			XA207	40			28D	9		H	05YSS7	00	#B01-001							BIT 5 BUS 7	
00529		P10	112											SPP										

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DRAWING NUMBER 149304-880 UNIT ASSEMBLY NO. 149304 REV G INDEX P11

UNIT ASSEMBLY CARD CAGE WIRED, MCU CONNECTOR FILE IDENT T39AMCMU DATE 09-02-82 PAGE 37

RECORD NUMBER	FROM PREFIX	FROM CONNECTOR	FROM PIN	FROM SH FG	TO PREFIX	TO CONNECTOR	TO PIN	TO SH FG	WIRE MULTI GROUP	WIRE CODE	WIRE COLOR	WIRE IDENT	SPL INST MISC	SIGNAL	SEQ NO	EQUATION	TERM	FACTOR	CKT OR CHIP TYPE	GROUP	LOAD OR POWER PLANE	TEST POINTS ANC	TEST POINTS OP	SIGNAL DESCRIPTION	ECO NO
00530		P11	001											SPP											
17293		P11	002			XA207	13			28D	9		H	05YCA4	01	#B01-024								BIT 5 CM ANODE L4	
17292		P11	003			XA206	61			28D	9		H	05YCC4	01	#B01-023								BIT 5 CM CATH L4	
17291		P11	004			XA207	18			28D	9		H	05YCA5	01	#B01-022								BIT 5 CM ANODE L5	
17290		P11	005			XA206	64			28D	9		H	05YCC5	01	#B01-021								BIT 5 CM CATH L5	
17289		P11	006			XA206	49			28D	9		H	05YCA6	01	#B01-020								BIT 5 CM ANODE L6	
17288		P11	007			XA207	31			28D	9		H	05YCC6	01	#B01-019								BIT 5 CM CATH L6	
17287		P11	008			XA206	52			28D	9		H	05YCA7	01	#B01-018								BIT 5 CM ANODE L7	
17286		P11	009			XA207	24			28D	9		H	05YCC7	01	#B01-017								BIT 5 CM CATH L7	
17417		P11	010			XA307	13			28D	9		H	04YCA0	01	#B06-026								BIT 4 CM ANODE L0	
17416		P11	011			XA308	61			28D	9		H	04YCC0	01	#B06-025								BIT 4 CM CATH L0	
17415		P11	012			XA307	18			28D	9		H	04YCA1	01	#B06-024								BIT 4 CM ANODE L1	
17414		P11	013			XA308	64			28D	9		H	04YCC1	01	#B06-023								BIT 4 CM CATH L1	
17413		P11	014			XA308	49			28D	9		H	04YCA2	01	#B06-022								BIT 4 CM ANODE L2	
17412		P11	015			XA307	31			28D	9		H	04YCC2	01	#B06-021								BIT 4 CM CATH L2	
17411		P11	016			XA308	52			28D	9		H	04YCA3	01	#B06-020								BIT 4 CM ANODE L3	
17410		P11	017			XA307	24			28D	9		H	04YCC3	01	#B06-019								BIT 4 CM CATH L3	
17409		P11	018			XA308	13			28D	9		H	04YCA4	01	#B06-018								BIT 4 CM ANODE L4	
17408		P11	019			XA307	61			28D	9		H	04YCC4	01	#B06-017								BIT 4 CM CATH L4	
17407		P11	020			XA308	18			28D	9		H	04YCA5	01	#B06-016								BIT 4 CM ANODE L5	
17406		P11	021			XA307	64			28D	9		H	04YCC5	01	#B06-015								BIT 4 CM CATH L5	
17405		P11	022			XA307	49			28D	9		H	04YCA6	01	#B06-014								BIT 4 CM ANODE L6	
17404		P11	023			XA308	31			28D	9		H	04YCC6	01	#B06-013								BIT 4 CM CATH L6	
17403		P11	024			XA307	52			28D	9		H	04YCA7	01	#B06-012								BIT 4 CM ANODE L7	
17402		P11	025			XA308	24			28D	9		H	04YCC7	01	#B06-011								BIT 4 CM CATH L7	
17390		P11	026			XA410	13			28D	9		H	03YCA0	01	#B05-024								BIT 3 CM ANODE L0	
17389		P11	027			XA411	61			28D	9		H	03YCC0	01	#B05-023								BIT 3 CM CATH L0	
00531		P11	028											DNW											
00532		P11	029											DNW											
17388		P11	030			XA410	18			28D	9		H	03YCA1	01	#B05-022								BIT 3 CM ANODE L1	
17387		P11	031			XA411	64			28D	9		H	03YCC1	01	#B05-021								BIT 3 CM CATH L1	
17386		P11	032			XA411	49			28D	9		H	03YCA2	01	#B05-020								BIT 3 CM ANODE L2	
17385		P11	033			XA410	31			28D	9		H	03YCC2	01	#B05-019								BIT 3 CM CATH L2	
17384		P11	034			XA411	52			28D	9		H	03YCA3	01	#B05-018								BIT 3 CM ANODE L3	
17383		P11	035			XA410	24			28D	9		H	03YCC3	01	#B05-017								BIT 3 CM CATH L3	
17382		P11	036			XA411	13			28D	9		H	03YCA4	01	#B05-016								BIT 3 CM ANODE L4	
17381		P11	037			XA410	61			28D	9		H	03YCC4	01	#B05-015								BIT 3 CM CATH L4	
17380		P11	038			XA411	18			28D	9		H	03YCA5	01	#B05-014								BIT 3 CM ANODE L5	
17379		P11	039			XA410	64			28D	9		H	03YCC5	01	#B05-013								BIT 3 CM CATH L5	
17378		P11	040			XA410	49			28D	9		H	03YCA6	01	#B05-012								BIT 3 CM ANODE L6	
17377		P11	041			XA411	31			28D	9		H	03YCC6	01	#B05-011								BIT 3 CM CATH L6	
17376		P11	042			XA410	52			28D	9		H	03YCA7	01	#B05-010								BIT 3 CM ANODE L7	
17375		P11	043			XA411	24			28D	9		H	03YCC7	01	#B05-009								BIT 3 CM CATH L7	
17364		P11	044			XA408	13			28D	9		H	02YCA0	01	#B04-023								BIT 2 CM ANODE L0	
17363		P11	045			XA409	61			28D	9		H	02YCC0	01	#B04-022								BIT 2 CM CATH L0	
17362		P11	046			XA408	18			28D	9		H	02YCA1	01	#B04-021								BIT 2 CM ANODE L1	
17361		P11	047			XA409	64			28D	9		H	02YCC1	01	#B04-020								BIT 2 CM CATH L1	
17360		P11	048			XA409	49			28D	9		H	02YCA2	01	#B04-019								BIT 2 CM ANODE L2	
17359		P11	049			XA408	31			28D	9		H	02YCC2	01	#B04-018								BIT 2 CM CATH L2	
17358		P11	050			XA409	52			28D	9		H	02YCA3	01	#B04-017								BIT 2 CM ANODE L3	

CONNECTOR (P11) CONTINUED ON THE NEXT PAGE ****

RECORD NUMBER	FROM				TO				WIRE				SIGNAL	SEQ NO	EQUATION					TEST POINTS		SIGNAL DESCRIPTION	ECO NO
	PREFIX	CONNECTOR	PIN	SH FG	PREFIX	CONNECTOR	PIN	SH FG	MULTI GROUP	CODE	COLOR	IDENT								AND	OR		
17357		P11	051			XA408	24			2BD	9		H	02YCC3	01	#B04-016						BIT 2 CM CATH L3	
17356		P11	052			XA409	13			2BD	9		H	02YCA4	01	#B04-015						BIT 2 CM ANODE L4	
17355		P11	053			XA408	61			2BD	9		H	02YCC4	01	#B04-014						BIT 2 CM CATH L4	
17354		P11	054			XA409	18			2BD	9		H	02YCA5	01	#B04-013						BIT 2 CM ANODE L5	
17353		P11	055			XA408	64			2BD	9		H	02YCC5	01	#B04-012						BIT 2 CM CATH L5	
17400		P11	056											SSRT3B4A	03								
00533		P11	057											SPP									
17399		P11	058			XA307	09			2BD	9		H	04YSS0	00	#B06-009						BIT 4 BUS 0	
17398		P11	059			XA308	21			2BD	9		H	04YSS1	00	#B06-008						BIT 4 BUS 1	
17397		P11	060			XA307	15			2BD	9		H	04YSS2	00	#B06-007						BIT 4 BUS 2	
17396		P11	061			XA308	11			2BD	9		H	04YSS3	00	#B06-006						BIT 4 BUS 3	
17395		P11	062			XA307	45			2BD	9		H	04YSS4	00	#B06-005						BIT 4 BUS 4	
17394		P11	063			XA308	53			2BD	9		H	04YSS5	00	#B06-004						BIT 4 BUS 5	
17393		P11	064			XA307	51			2BD	9		H	04YSS6	00	#B06-003						BIT 4 BUS 6	
17392		P11	065			XA308	40			2BD	9		H	04YSS7	00	#B06-002						BIT 4 BUS 7	
00534		P11	066											SPP									
00535		P11	067											SPP									
00536		P11	068											SPP									
00537		P11	069											SPP									
00538		P11	070											SPP									
00539		P11	071											SPP									
00540		P11	072											SPP									
00541		P11	073											SPP									
00542		P11	074											SPP									
00543		P11	075											SPP									
00544		P11	076											SPP									
00545		P11	077											SPP									
00546		P11	078											SPP									
00547		P11	079											SPP									
00548		P11	080											SPP									
17374		P11	081			XA411	15			2BD	9		H	03YSS0	00	#B05-008						BIT 3 BUS 0	
17373		P11	082			XA411	21			2BD	9		H	03YSS1	00	#B05-007						BIT 3 BUS 1	
00549		P11	083											SPP									
00550		P11	084											DNW									
00551		P11	085											DNW									
00552		P11	086											SPP									
00553		P11	087											SPP									
17372		P11	088			XA411	09			2BD	9		H	03YSS2	00	#B05-006						BIT 3 BUS 2	
17371		P11	089			XA410	21			2BD	9		H	03YSS3	00	#B05-005						BIT 3 BUS 3	
17370		P11	090			XA410	45			2BD	9		H	03YSS4	00	#B05-004						BIT 3 BUS 4	
17369		P11	091			XA410	40			2BD	9		H	03YSS5	00	#B05-003						BIT 3 BUS 5	
17368		P11	092			XA410	51			2BD	9		H	03YSS6	00	#B05-002						BIT 3 BUS 6	
17367		P11	093			XA410	53			2BD	9		H	03YSS7	00	#B05-001						BIT 3 BUS 7	
00554		P11	094											SPP									
00555		P11	095											SPP									
00556		P11	096											SPP									
00557		P11	097											SPP									
00558		P11	098											SPP									
00559		P11	099											SPP									
00560		P11	100											SPP									
CONNECTOR (P11) CONTINUED ON THE NEXT PAGE ****																							

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Litton DATA SYSTEMS

DRAWING NUMBER 149304-880 UNIT ASSEMBLY NO. 149304 REV G INDEX P11

UNIT ASSEMBLY CARD CAGE WIRED, MCU CONNECTOR FILE IDENT T39AMCMU DATE 09-02-82 PAGE 39

RECORD NUMBER	FROM				TO				WIRE					SIGNAL	SEQ NO	EQUATION	TERM FACTOR	CKT OR CHIP TYPE	GRP	LOAD OR POWER PLANE	TEST POINTS		SIGNAL DESCRIPTION	ECO NO
	PREFIX	CONNECTOR	PIN	SHLD	PREFIX	CONNECTOR	PIN	SHLD	WIRE GROUP	CODE	COLOR	IDENT	SPEC INST								AND	OR		
17350		P11	101			XA409	15			28D	9		H	02YSS0	00	#B04-009							BIT 2 BUS 0	
17349		P11	102			XA409	21			28D	9		H	02YSS1	00	#B04-008							BIT 2 BUS 1	
17348		P11	103			XA409	09			28D	9		H	02YSS2	00	#B04-007							BIT 2 BUS 2	
17347		P11	104			XA409	11			28D	9		H	02YSS3	00	#B04-006							BIT 2 BUS 3	
17346		P11	105			XA408	45			28D	9		H	02YSS4	00	#B04-005							BIT 2 BUS 4	
17345		P11	106			XA409	53			28D	9		H	02YSS5	00	#B04-004							BIT 2 BUS 5	
17344		P11	107			XA408	51			28D	9		H	02YSS6	00	#B04-003							BIT 2 BUS 6	
17343		P11	108			XA409	40			28D	9		H	02YSS7	00	#B04-002							BIT 2 BUS 7	
00561		P11	109											SPP										
17342		P11	110			P11	111			28D	9		H	SSDETJ	01	#B04-001							BIT2 CURRENT LOOP	
00562		P11	111											SSDETJ	02									
17391		P11	112			XA104	09		AD	23D	9		H	SSRT48	00	#B06-001							THERMISTOR JUMPER5	

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DRAWING NUMBER 149304-880 UNIT ASSEMBLY NO. 149304 REV G INDEX P12

UNIT ASSEMBLY CARD CAGE WIRED, MCU CONNECTOR FILE IDENT T39AMCMU DATE 09-02-82 PAGE 40

RECORD NUMBER	FROM PREFIX	FROM CONNECTOR	FROM PIN	FROM SH FG	TO PREFIX	TO CONNECTOR	TO PIN	TO SH FG	WIRE MULTI GROUP	WIRE CODE	WIRE COLOR	WIRE IDENT	SPEC INST MISC	SIGNAL	SEE NO	EQUATION	TERM	FACTOR	CAT OR CHIP TYPE	PROP	LOAD OR BOARD PLANE	TEST POINTS ANT	TEST POINTS CR	SIGNAL DESIGNATION	ECO NO
17366		P12	001			XA408	49			2BD	9		H	02YCA6	01	#B04-025							BIT 2 CM ANODE L6	
17365		P12	002			XA408	52			2BD	9		H	02YCA7	01	#B04-024							BIT 2 CM ANODE L7	
17513		P12	003			XA505	13			2BD	9		H	01YCA0	01	#B09-024							BIT 1 CM ANODE L0	
17512		P12	004			XA506	61			2BD	9		H	01YCC0	01	#B09-023							BIT 1 CM CATH L0	
17511		P12	005			XA506	64			2BD	9		H	01YCC1	01	#B09-022							BIT 1 CM CATH L1	
17510		P12	006			XA506	49			2BD	9		H	01YCA2	01	#B09-021							BIT 1 CM ANODE L2	
17509		P12	007			XA505	31			2BD	9		H	01YCC2	01	#B09-020							BIT 1 CM CATH L2	
17508		P12	008			XA506	52			2BD	9		H	01YCA3	01	#B09-019							BIT 1 CM ANODE L3	
17507		P12	009			XA505	24			2BD	9		H	01YCC3	01	#B09-018							BIT 1 CM CATH L3	
17506		P12	010			XA506	13			2BD	9		H	01YCA4	01	#B09-017							BIT 1 CM ANODE L4	
17505		P12	011			XA505	61			2BD	9		H	01YCC4	01	#B09-016							BIT 1 CM CATH L4	
17504		P12	012			XA506	18			2BD	9		H	01YCA5	01	#B09-015							BIT 1 CM ANODE L5	
17503		P12	013			XA505	64			2BD	9		H	01YCC5	01	#B09-014							BIT 1 CM CATH L5	
17502		P12	014			XA505	49			2BD	9		H	01YCA6	01	#B09-013							BIT 1 CM ANODE L6	
17501		P12	015			XA506	31			2BD	9		H	01YCC6	01	#B09-012							BIT 1 CM CATH L6	
17500		P12	016			XA505	52			2BD	9		H	01YCA7	01	#B09-011							BIT 1 CM ANODE L7	
17499		P12	017			XA506	24			2BD	9		H	01YCC7	01	#B09-010							BIT 1 CM CATH L7	
17489		P12	018			XA503	13			2BD	9		H	00YCA0	01	#B08-024							BIT 0 CM ANODE L0	
17488		P12	019			XA504	61			2BD	9		H	00YCC0	01	#B08-023							BIT 0 CM CATH L0	
17487		P12	020			XA503	18			2BD	9		H	00YCA1	01	#B08-022							BIT 0 CM ANODE L1	
17486		P12	021			XA504	64			2BD	9		H	00YCC1	01	#B08-021							BIT 0 CM CATH L1	
17485		P12	022			XA504	49			2BD	9		H	00YCA2	01	#B08-020							BIT 0 CM ANODE L2	
17484		P12	023			XA503	31			2BD	9		H	00YCC2	01	#B08-019							BIT 0 CM CATH L2	
17483		P12	024			XA504	52			2BD	9		H	00YCA3	01	#B08-018							BIT 0 CM ANODE L3	
17482		P12	025			XA503	24			2BD	9		H	00YCC3	01	#B08-017							BIT 0 CM CATH L3	
17481		P12	026			XA504	13			2BD	9		H	00YCA4	01	#B08-016							BIT 0 CM ANODE L4	
00563		P12	027											SPP										
00564		P12	028											DNW										
00565		P12	029											DNW										
17480		P12	030			XA504	18			2BD	9		H	00YCA5	01	#B08-015							BIT 0 CM ANODE L5	
17479		P12	031			XA503	64			2BD	9		H	00YCC5	01	#B08-014							BIT 0 CM CATH L5	
17478		P12	032			XA503	49			2BD	9		H	00YCA6	01	#B08-013							BIT 0 CM ANODE L6	
17477		P12	033			XA504	31			2BD	9		H	00YCC6	01	#B08-012							BIT 0 CM CATH L6	
17476		P12	034			XA503	52			2BD	9		H	00YCA7	01	#B08-011							BIT 0 CM ANODE L7	
17475		P12	035			XA504	24			2BD	9		H	00YCC7	01	#B08-010							BIT 0 CM CATH L7	
17465		P12	036			XA518	80			2BD	9		H	SXCC07	01	#B07-048							WORD CM CATH L7	
17464		P12	037			XA519	60			2BD	9		H	SXCA07	01	#B07-047							WORD CM ANODE L7	
17463		P12	038			XA521	38			2BD	9		H	SXCC08	01	#B07-046							WORD CM CATH L8	
17462		P12	039			XA520	17			2BD	9		H	SXCA08	01	#B07-045							WORD CM ANODE L8	
17461		P12	040			XA518	37			2BD	9		H	SXCC03	01	#B07-044							WORD CM CATH L3	
17460		P12	041			XA519	22			2BD	9		H	SXCA03	01	#B07-043							WORD CM ANODE L3	
17459		P12	042			XA519	78			2BD	9		H	SXCC04	01	#B07-042							WORD CM CATH L4	
17458		P12	043			XA518	62			2BD	9		H	SXCA04	01	#B07-041							WORD CM ANODE L4	
17457		P12	044			XA519	38			2BD	9		H	SXCC00	01	#B07-040							WORD CM CATH L0	
17456		P12	045			XA518	17			2BD	9		H	SXCA00	01	#B07-039							WORD CM ANODE L0	
17455		P12	046			XA519	37			2BD	9		H	SXCC01	01	#B07-038							WORD CM CATH L1	
17454		P12	047			XA518	22			2BD	9		H	SXCA01	01	#B07-037							WORD CM ANODE L1	
17453		P12	048			XA518	38			2BD	9		H	SXCC02	01	#B07-036							WORD CM CATH L2	
17452		P12	049			XA519	17			2BD	9		H	SXCA02	01	#B07-035							WORD CM ANODE L2	
17451		P12	050			XA519	80			2BD	9		H	SXCC05	01	#B07-034							WORD CM CATH L5	

CONNECTOR P12) CONTINUED ON THE NEXT PAGE ****

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DRAWING NUMBER 149304-880 UNIT ASSEMBLY NO. 149304 REV G INDEX P12

UNIT ASSEMBLY CARD CAGE WIRED, MCU CONNECTOR FILE IDENT T39AMCMU DATE 09-02-82 PAGE 41

RECORD NUMBER	FROM PREFIX	FROM CONNECTOR	FROM PIN	FROM SH FG	TO PREFIX	TO CONNECTOR	TO PIN	TO SH FG	WIRE MULTI GROUP	WIRE CODE	WIRE COLOR	WIRE IDENT	SPC INST MISC	SIGNAL	SPC NO	EQUATION	TERM FACTOR	CKT OR CHIP TYPE	GROUP	LOAD OR POWER PLANE	TEST POINTS AND	TEST POINTS OR	SIGNAL DESCRIPTION	ECO NO
17450		P12	051			XA518	60			28D	9		H	SXCA05	01	#B07-033							WORD CM ANODE L5	
17449		P12	052			XA518	78			28D	9		H	SXCC06	01	#B07-032							WORD CM CATH L6	
17448		P12	053			XA519	62			28D	9		H	SXCA06	01	#B07-031							WORD CM ANODE L6	
00566		P12	054											SPP										
00567		P12	055											SPP										
00568		P12	056											SPP										
17352		P12	057			XA409	31			28D	9		H	02YCC6	01	#B04-011							BIT 2 CM CATH L6	
17351		P12	058			XA409	24			28D	9		H	02YCC7	01	#B04-010							BIT 2 CM CATH L7	
00569		P12	059											SPP										
00570		P12	060											SPP										
17498		P12	061			XA505	18			28D	9		H	01YCA1	01	#B09-009							BIT 1 CM ANODE L1	
17497		P12	062			XA506	15			28D	9		H	01YSS0	00	#B09-008							BIT 1 BUS 0	
17496		P12	063			XA505	11			28D	9		H	01YSS1	00	#B09-007							BIT 1 BUS 1	
17495		P12	064			XA505	15			28D	9		H	01YSS2	00	#B09-006							BIT 1 BUS 2	
17494		P12	065			XA506	11			28D	9		H	01YSS3	00	#B09-005							BIT 1 BUS 3	
17493		P12	066			XA505	45			28D	9		H	01YSS4	00	#B09-004							BIT 1 BUS 4	
17492		P12	067			XA506	53			28D	9		H	01YSS5	00	#B09-003							BIT 1 BUS 5	
17491		P12	068			XA506	45			28D	9		H	01YSS6	00	#B09-002							BIT 1 BUS 6	
17490		P12	069			XA506	40			28D	9		H	01YSS7	00	#B09-001							BIT 1 BUS 7	
17474		P12	070			XA503	09			28D	9		H	00YSS0	00	#B08-009							BIT 0 BUS 0	
17473		P12	071			XA504	21			28D	9		H	00YSS1	00	#B08-008							BIT 0 BUS 1	
17472		P12	072			XA503	15			28D	9		H	00YSS2	00	#B08-007							BIT 0 BUS 2	
17471		P12	073			XA504	11			28D	9		H	00YSS3	00	#B08-006							BIT 0 BUS 3	
17470		P12	074			XA504	51			28D	9		H	00YSS4	00	#B08-005							BIT 0 BUS 4	
17469		P12	075			XA503	40			28D	9		H	00YSS5	00	#B08-004							BIT 0 BUS 5	
17468		P12	076			XA504	45			28D	9		H	00YSS6	00	#B08-003							BIT 0 BUS 6	
17467		P12	077			XA504	40			28D	9		H	00YSS7	00	#B08-002							BIT 0 BUS 7	
17447		P12	078			XA523	19			28D	9		H	SXSS16	00	#B07-030							WORD BUS 16	
17446		P12	079			XA522	15			28D	9		H	SXSS17	00	#B07-029							WORD BUS 17	
17445		P12	080			XA523	14			28D	9		H	SXSS18	00	#B07-028							WORD BUS 18	
17444		P12	081			XA522	31			28D	9		H	SXSS19	00	#B07-027							WORD BUS 19	
17466		P12	082			XA503	61			28D	9		H	00YCC4	01	#B08-001							BIT 0 CM CATH L4	
00571		P12	083											SPP										
00572		P12	084											DNW										
00573		P12	085											DNW										
17443		P12	086			XA523	75			28D	9		H	SXSS20	00	#B07-026							WORD BUS 20	
17442		P12	087			XA522	56			28D	9		H	SXSS21	00	#B07-025							WORD BUS 21	
17441		P12	088			XA523	40			28D	9		H	SXSS22	00	#B07-024							WORD BUS 22	
17440		P12	089			XA522	73			28D	9		H	SXSS23	00	#B07-023							WORD BUS 23	
17439		P12	090			XA525	19			28D	9		H	SXSS24	00	#B07-022							WORD BUS 24	
17438		P12	091			XA525	31			28D	9		H	SXSS25	00	#B07-021							WORD BUS 25	
17437		P12	092			XA525	14			28D	9		H	SXSS26	00	#B07-020							WORD BUS 26	
17436		P12	093			XA525	15			28D	9		H	SXSS27	00	#B07-019							WORD BUS 27	
17435		P12	094			XA525	75			28D	9		H	SXSS28	00	#B07-018							WORD BUS 28	
00574		P12	095											SPP										
17434		P12	096			XA525	73			28D	9		H	SXSS29	00	#B07-017							WORD BUS 29	
17433		P12	097			XA525	40			28D	9		H	SXSS30	00	#B07-016							WORD BUS 30	
17432		P12	098			XA525	56			28D	9		H	SXSS31	00	#B07-015							WORD BUS 31	
17431		P12	099			XA520	60			28D	9		H	SXCA13	01	#B07-014							WORD CM ANODE L13	
17430		P12	100			XA521	62			28D	9		H	SXCA14	01	#B07-013							WORD CM ANODE L14	
CONNECTOR P12) CONTINUED ON THE NEXT PAGE ****																								

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RECORD NUMBER	FROM PREFIX	FROM CONNECTOR	FROM PIN	FROM SH FG	TO PREFIX	TO CONNECTOR	TO PIN	TO SH FG	WIRE MULTI GROUP	WIRE CODE	WIRE COLOR	WIRE IDENT	SPEC INST MISC	SIGNAL	SEQ NO	EQUATION	TERM FACTOR	CKT OR CHIP TYPE	GRID	LOAD OR DRIVE PLANE	TEST POINTS AND	TEST POINTS OR	SIGNAL DESCRIPTION	ECO NO
17429		P12	101			XA520	78			28D	9		H	SXCC14	01	#807-012							WORD CM CATH L14	
17428		P12	102			XA521	60			28D	9		H	SXCA15	01	#807-011							WORD CM ANODE L15	
17427		P12	103			XA520	80			28D	9		H	SXCC15	01	#807-010							WORD CM CATH L15	
17426		P12	104			XA521	37			28D	9		H	SXCC09	01	#807-009							WORD CM CATH L9	
17425		P12	105			XA520	22			28D	9		H	SXCA09	01	#807-008							WORD CM ANODE L9	
17424		P12	106			XA520	62			28D	9		H	SXCA12	01	#807-007							WORD CM ANODE L12	
17423		P12	107			XA521	78			28D	9		H	SXCC12	01	#807-006							WORD CM CATH L12	
17422		P12	108			XA521	22			28D	9		H	SXCA11	01	#807-005							WORD CM ANODE L11	
17421		P12	109			XA520	37			28D	9		H	SXCC11	01	#807-004							WORD CM CATH L11	
17420		P12	110			XA520	38			28D	9		H	SXCC10	01	#807-003							WORD CM CATH L10	
17419		P12	111			XA521	17			28D	9		H	SXCA10	01	#807-002							WORD CM ANODE L10	
17418		P12	112			XA521	80			28D	9		H	SXCC13	01	#807-001							WORD CM CATH L13	

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RECORD NUMBER	FROM PREFIX	FROM CONNECTOR	FROM PIN	FROM SHIELD	TO PREFIX	TO CONNECTOR	TO PIN	TO SHIELD	WIRE MULTI GROUP	WIRE CODE	WIRE COLOR	WIRE IDENT	SPEC INST SPEC	SIGNAL	SEQ NO	EQUATION	TERM FACTOR	CKT OR CHIP TYPE	GROUP	LOAD OR POWER PLANE	TEST POINTS AND	TEST POINTS OR	SIGNAL DESCRIPTION	ECO NO
18224		P13	001			XA534	38			28D	9		H	SXCC34	01	#B37-001							WORD CM CATH L34	
18225		P13	002			XA537	60			28D	9		H	SXCA47	01	#B37-002							WORD CM ANODE L47	
18226		P13	003			XA536	80			28D	9		H	SXCC47	01	#B37-003							WORD CM CATH L47	
18227		P13	004			P13	005			28D	9		H	SSDETK	01	#B37-004							WRD CURRENT LOOP 1	
00575		P13	005											SSDETK	02									
18228		P13	006			XA535	60			28D	9		H	SXCA39	01	#B37-005							WORD CM ANODE L39	
18229		P13	007			XA534	80			28D	9		H	SXCC39	01	#B37-006							WORD CM CATH L39	
18230		P13	008			XA535	62			28D	9		H	SXCA38	01	#B37-007							WORD CM ANODE L38	
18231		P13	009			XA534	78			28D	9		H	SXCC38	01	#B37-008							WORD CM CATH L38	
18232		P13	010			XA537	78			28D	9		H	SXCC44	01	#B37-009							WORD CM CATH L44	
18233		P13	011			XA536	62			28D	9		H	SXCA44	01	#B37-010							WORD CM ANODE L44	
00576		P13	012											SPP										
00577		P13	013											SPP										
00578		P13	014											SPP										
18234		P13	015			XA537	80			28D	9		H	SXCC45	01	#B37-011							WORD CM CATH L45	
18235		P13	016			XA536	60			28D	9		H	SXCA45	01	#B37-012							WORD CM ANODE L45	
18236		P13	017			XA536	78			28D	9		H	SXCC46	01	#B37-013							WORD CM CATH L46	
18237		P13	018			XA537	62			28D	9		H	SXCA46	01	#B37-014							WORD CM ANODE L46	
18238		P13	019			XA539	56			28D	9		H	SXSS55	00	#B37-015							WORD BUS 55	
18239		P13	020			XA541	19			28D	9		H	SXSS56	00	#B37-016							WORD BUS 56	
18240		P13	021			XA540	15			28D	9		H	SXSS57	00	#B37-017							WORD BUS 57	
18241		P13	022			XA541	14			28D	9		H	SXSS58	00	#B37-018							WORD BUS 58	
18242		P13	023			XA540	31			28D	9		H	SXSS59	00	#B37-019							WORD BUS 59	
18243		P13	024			XA541	75			28D	9		H	SXSS60	00	#B37-020							WORD BUS 60	
18244		P13	025			XA540	56			28D	9		H	SXSS61	00	#B37-021							WORD BUS 61	
18245		P13	026			XA541	40			28D	9		H	SXSS62	00	#B37-022							WORD BUS 62	
18246		P13	027			XA540	73			28D	9		H	SXSS63	00	#B37-023							WORD BUS 63	
00579		P13	028											DNW										
00580		P13	029											DNW										
18247		P13	030			XA533	44		TP	23D	0		H	SSREGCG	01	#B37-024							+20V REG JUMP E RT	
18248		P13	031											SSREGA	03			REG					+20V REG JUMPER C	
00581		P13	032											SPP										
00582		P13	033											SPP										
00583		P13	034											SPP										
00584		P13	035											SPP										
00585		P13	036											SPP										
00586		P13	037											SPP										
00587		P13	038											SPP										
00588		P13	039											SPP										
00589		P13	040											SPP										
00590		P13	041											SPP										
00591		P13	042											SPP										
00592		P13	043											SPP										
00593		P13	044											SPP										
00594		P13	045											SPP										
00595		P13	046											SPP										
00596		P13	047											SPP										
00597		P13	048											SPP										
00598		P13	049											SPP										
00599		P13	050											SPP										
CONNECTOR P13) CONTINUED ON THE NEXT PAGE ****																								

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Litton DATA SYSTEMS

DRAWING NUMBER 149304-880 UNIT ASSEMBLY NO. 149304 REV G INDEX P13

UNIT ASSEMBLY CARD CAGE WIRED, MCU CONNECTOR FILE IDENT T39AMCMU DATE 09-02-82 PAGE 44

RECORD NUMBER	FROM PREFIX	FROM CONNECTOR	FROM PIN	FROM SH PG	TO PREFIX	TO CONNECTOR	TO PIN	TO SH PG	WIRE MULTI GROUP	WIRE CODE	WIRE COLOR	WIRE IDENT	SPEC LIST MISC	SIGNAL	SEC NO	EQUATION	TERM FACTOR	CKT OR CHIP TYPE	GROUP	LOAD OR POWER PLANE	TEST POINTS ANCHOR	SIGNAL DESCRIPTION	ECO NO
00600		P13	051											SPP									
00601		P13	052											SPP									
00602		P13	053											SPP									
00603		P13	054											SPP									
00604		P13	055											SPP									
00605		P13	056											SPP									
18250		P13	057			XA535	17			2BD	9		H	SXCA34	01	#B37-026						WORD CM ANODE L34	
18251		P13	058			XA534	22			2BD	9		H	SXCA33	01	#B37-027						WORD CM ANODE L33	
18252		P13	059			XA535	37			2BD	9		H	SXCC33	01	#B37-028						WORD CM CATH L33	
18253		P13	060			XA534	60			2BD	9		H	SXCA37	01	#B37-029						WORD CM ANODE L37	
18254		P13	061			XA535	80			2BD	9		H	SXCC37	01	#B37-030						WORD CM CATH L37	
18255		P13	062			XA536	37			2BD	9		H	SXCC43	01	#B37-031						WORD CM CATH L43	
18256		P13	063			XA537	22			2BD	9		H	SXCA43	01	#B37-032						WORD CM ANODE L43	
18257		P13	064			XA537	38			2BD	9		H	SXCC40	01	#B37-033						WORD CM CATH L40	
18258		P13	065			XA536	17			2BD	9		H	SXCA40	01	#B37-034						WORD CM ANODE L40	
18259		P13	066			XA534	17			2BD	9		H	SXCA32	01	#B37-035						WORD CM ANODE L32	
18260		P13	067			XA535	38			2BD	9		H	SXCC32	01	#B37-036						WORD CM CATH L32	
18261		P13	068			XA534	62			2BD	9		H	SXCA36	01	#B37-037						WORD CM ANODE L36	
18262		P13	069			XA535	78			2BD	9		H	SXCC36	01	#B37-038						WORD CM CATH L36	
18263		P13	070			XA535	22			2BD	9		H	SXCA35	01	#B37-039						WORD CM ANODE L35	
18264		P13	071			XA534	37			2BD	9		H	SXCC35	01	#B37-040						WORD CM CATH L35	
18265		P13	072			XA537	37			2BD	9		H	SXCC41	01	#B37-041						WORD CM CATH L41	
18266		P13	073			XA536	22			2BD	9		H	SXCA41	01	#B37-042						WORD CM ANODE L41	
18267		P13	074			XA536	38			2BD	9		H	SXCC42	01	#B37-043						WORD CM CATH L42	
18268		P13	075			XA537	17			2BD	9		H	SXCA42	01	#B37-044						WORD CM ANODE L42	
18269		P13	076			XA538	14			2BD	9		H	SXSS48	00	#B37-045						WORD BUS 48	
18270		P13	077			XA539	31			2BD	9		H	SXSS49	00	#B37-046						WORD BUS 49	
18271		P13	078			XA538	19			2BD	9		H	SXSS50	00	#B37-047						WORD BUS 50	
18272		P13	079			XA539	15			2BD	9		H	SXSS51	00	#B37-048						WORD BUS 51	
18273		P13	080			XA538	40			2BD	9		H	SXSS52	00	#B37-049						WORD BUS 52	
18274		P13	081			XA539	73			2BD	9		H	SXSS53	00	#B37-050						WORD BUS 53	
18275		P13	082			XA538	75			2BD	9		H	SXSS54	00	#B37-051						WORD BUS 54	
00606		P13	083											SPP									
00607		P13	084											DNW									
00608		P13	085											DNW									
00609		P13	086											SPP									
00610		P13	087											SPP									
00611		P13	088											SPP									
00612		P13	089											SPP									
00613		P13	090											SPP									
00614		P13	091											SPP									
00615		P13	092											SPP									
00616		P13	093											SPP									
00617		P13	094											SPP									
00618		P13	095											SPP									
00619		P13	096											SPP									
00620		P13	097											SPP									
00621		P13	098											SPP									
00622		P13	099											SPP									
00623		P13	100											SPP									

CONNECTOR P13) CONTINUED ON THE NEXT PAGE ****

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RECORD NUMBER	FROM			SH FG	TO			SH FG	WIRE				SPEC INST MISC	SIGNAL	SPEC NO	EQUATION	TERM	FACTOR	CKT OR CHIP TYPE	SPOF	LOAD OR POWER PLANS	TEST POINTS		SIGNAL DESCRIPTION	ECO NO
	PREFIX	CONNECTOR	PIN		PREFIX	CONNECTOR	PIN		MULTI GROUP	CODE	COLOR	IDENT										AND	OR		
00624		P13	101											SPP											
00625		P13	102											SPP											
00626		P13	103											SPP											
00627		P13	104											SPP											
00628		P13	105											SPP											
00629		P13	106											SPP											
00630		P13	107											SPP											
00631		P13	108											SPP											
00632		P13	109											SPP											
00633		P13	110											SPP											
00634		P13	111											SPP											
00635		P13	112											SPP											

RECORD NUMBER	FROM PREFIX	FROM CONNECTOR	FROM PIN	FROM SH FG	TO PREFIX	TO CONNECTOR	TO PIN	TO SH FG	WIRE MULT GROUP	WIRE CODE	WIRE COLOR	WIRE IDENT	SPEC NOT USING	SIGNAL	SEQ NO	EQUATION	TERM	LAYOUT	CKT OR CHIP TYPE	SPARE	LOAD OR POWER PLANE	TEST POINTS ZERO	TEST POINTS SIG	SIGNAL DESCRIPTION	ECO NO
18726		P14	001			XA351	05		AE	23D	9		H	SSA00A	01	#L08-001								BIT 0 SENSE LINE A	
18728		P14	002			XA351	13		AF	23D	9		H	SSA00B	01	#L08-002								BIT 0 SENSE LINE B	
18729		P14	003			XA351	14		AF	23D	0		H	SSB00B	01	#L08-002								BIT0 SNSE LINE B*	
18730		P14	004			XA351	25		AG	23D	0		H	SSB00C	01	#L08-003								BIT0 SNSE LINE C*	
18732		P14	005			XA351	33		AH	23D	9		H	SSA00D	01	#L08-004								BIT 0 SENSE LINE D	
18734		P14	006			XA351	49		AI	23D	9		H	SSA00E	01	#L08-005								BIT 0 SENSE LINE E	
18735		P14	007			XA351	51		AI	23D	0		H	SSB00E	01	#L08-005								BIT0 SNSE LINE E*	
18736		P14	008			XA351	57		AJ	23D	0		H	SSB00F	01	#L08-006								BIT0 SNSE LINE F*	
18738		P14	009			XA351	69		AK	23D	9		H	SSA00H	01	#L08-007								BIT 0 SENSE LINE H	
18740		P14	010			XA351	72		AL	23D	9		H	SSA00J	01	#L08-008								BIT 0 SENSE LINE J	
18741		P14	011			XA351	74		AL	23D	0		H	SSB00J	01	#L08-008								BIT0 SNSE LINE J*	
18742		P14	012			XA350	07		AM	23D	0		H	SSB01A	01	#L08-009								BIT1 SNSE LINE A*	
18744		P14	013			XA350	13		AN	23D	9		H	SSA01B	01	#L08-010								BIT 1 SENSE LINE B	
18746		P14	014			XA350	23		AP	23D	9		H	SSA01C	01	#L08-011								BIT 1 SENSE LINE C	
18747		P14	015			XA350	25		AP	23D	0		H	SSB01C	01	#L08-011								BIT1 SNSE LINE C*	
18748		P14	016			XA350	35		AQ	23D	0		H	SSB01D	01	#L08-012								BIT1 SNSE LINE D*	
18750		P14	017			XA350	49		AR	23D	9		H	SSA01E	01	#L08-013								BIT 1 SENSE LINE E	
18752		P14	018			XA350	55		AS	23D	9		H	SSA01F	01	#L08-014								BIT 1 SENSE LINE F	
18753		P14	019			XA350	57		AS	23D	0		H	SSB01F	01	#L08-014								BIT1 SNSE LINE F*	
18754		P14	020			XA350	71		AT	23D	0		H	SSB01H	01	#L08-015								BIT1 SNSE LINE H*	
18756		P14	021			XA350	72		AU	23D	9		H	SSA01J	01	#L08-016								BIT 1 SENSE LINE J	
18758		P14	022			XA349	05		AV	23D	9		H	SSA02A	01	#L08-017								BIT 2 SENSE LINE A	
18759		P14	023			XA349	07		AV	23D	0		H	SSB02A	01	#L08-017								BIT2 SNSE LINE A*	
18760		P14	024			XA349	14		AW	23D	0		H	SSB02B	01	#L08-018								BIT2 SNSE LINE B*	
18762		P14	025			XA349	23		AX	23D	9		H	SSA02C	01	#L08-019								BIT 2 SENSE LINE C	
18764		P14	026			XA349	33		AY	23D	9		H	SSA02D	01	#L08-020								BIT 2 SENSE LINE D	
18765		P14	027			XA349	35		AY	23D	0		H	SSB02D	01	#L08-020								BIT2 SNSE LINE D*	
00636		P14	028											DNW											
00637		P14	029											DNW											
18766		P14	030			XA349	51		AZ	23D	0		H	SSB02E	01	#L08-021								BIT2 SNSE LINE E*	
18768		P14	031			XA349	55		BA	23D	9		H	SSA02F	01	#L08-022								BIT 2 SENSE LINE F	
18770		P14	032			XA349	69		BB	23D	9		H	SSA02H	01	#L08-023								BIT 2 SENSE LINE H	
18771		P14	033			XA349	71		BB	23D	0		H	SSB02H	01	#L08-023								BIT2 SNSE LINE H*	
18772		P14	034			XA349	74		BC	23D	0		H	SSB02J	01	#L08-024								BIT2 SNSE LINE J*	
18774		P14	035			XA348	05		BD	23D	9		H	SSA03A	01	#L08-025								BIT 3 SENSE LINE A	
18776		P14	036			XA348	13		BE	23D	9		H	SSA03B	01	#L08-026								BIT 3 SENSE LINE B	
18777		P14	037			XA348	14		BE	23D	0		H	SSB03B	01	#L08-026								BIT3 SNSE LINE B*	
18778		P14	038			XA348	25		BF	23D	0		H	SSB03C	01	#L08-027								BIT3 SNSE LINE C*	
18780		P14	039			XA348	33		BG	23D	9		H	SSA03D	01	#L08-028								BIT 3 SENSE LINE D	
18782		P14	040			XA348	49		BH	23D	9		H	SSA03E	01	#L08-029								BIT 3 SENSE LINE E	
18783		P14	041			XA348	51		BH	23D	0		H	SSB03E	01	#L08-029								BIT3 SNSE LINE E*	
18784		P14	042			XA348	57		BI	23D	0		H	SSB03F	01	#L08-030								BIT3 SNSE LINE F*	
18786		P14	043			XA348	69		BJ	23D	9		H	SSA03H	01	#L08-031								BIT 3 SENSE LINE H	
18788		P14	044			XA348	72		BK	23D	9		H	SSA03J	01	#L08-032								BIT 3 SENSE LINE J	
18789		P14	045			XA348	74		BK	23D	0		H	SSB03J	01	#L08-032								BIT3 SNSE LINE J*	
18790		P14	046			XA347	07		BL	23D	0		H	SSB04A	01	#L08-033								BIT4 SNSE LINE A*	
18792		P14	047			XA347	13		BM	23D	9		H	SSA04B	01	#L08-034								BIT 4 SENSE LINE B	
18794		P14	048			XA347	23		BN	23D	9		H	SSA04C	01	#L08-035								BIT 4 SENSE LINE C	
18795		P14	049			XA347	25		BN	23D	0		H	SSB04C	01	#L08-035								BIT4 SNSE LINE C*	
18796		P14	050			XA347	35		BP	23D	0		H	SSB04D	01	#L08-036								BIT4 SNSE LINE D*	
CONNECTOR P14 CONTINUED ON THE NEXT PAGE ****																									

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Litton DATA SYSTEMS

DRAWING NUMBER 149304-880 UNIT ASSEMBLY NO. 149304 REV G INDEX P14

UNIT ASSEMBLY CARD CAGE WIRED, MCU CONNECTOR FILE IDENT T39AMCMU DATE 09-02-82 PAGE 47

RECORD NUMBER	FROM PREFIX	FROM CONNECTOR	FROM PIN	FROM SHIELD TO	TO PREFIX	TO CONNECTOR	TO PIN	TO SHIELD	WIRE MULTI GROUP	WIRE CODE	WIRE COLOR	WIRE IDENT	SPECIAL	SIGNAL	ECO NO	EQUATION	TERM	FACTOR	CKT OR CHIP TYPE	GROUP	LOAD OR POWER PLANE	TEST POINTS AND	TEST POINTS OR	SIGNAL DESCRIPTION	ECO NO
18798		P14	051			XA347	49		BQ	23D	9		H	SSA04E	01	#L08-037								BIT 4 SENSE LINE E	
18800		P14	052			XA347	55		BR	23D	9		H	SSA04F	01	#L08-038								BIT 4 SENSE LINE F	
18801		P14	053			XA347	57		BR	23D	0		H	SSB04F	01	#L08-038								BIT4 SNSE LINE F*	
18802		P14	054			XA347	71		BS	23D	0		H	SSB04H	01	#L08-039								BIT4 SNSE LINE H*	
18804		P14	055			XA347	72		BT	23D	9		H	SSA04J	01	#L08-040								BIT 4 SENSE LINE J	
00638		P14	056											SPP											
18727		P14	057			XA351	07		AE	23D	0		H	SSB00A	01	#L08-001								BIT0 SNSE LINE A*	
00639		P14	058											SPP											
18731		P14	059			XA351	23		AG	23D	9		H	SSA00C	01	#L08-003								BIT 0 SENSE LINE C	
00640		P14	060											SPP											
18733		P14	061			XA351	35		AH	23D	0		H	SSB00D	01	#L08-004								BIT0 SNSE LINE D*	
00641		P14	062											SPP											
18737		P14	063			XA351	55		AJ	23D	9		H	SSA00F	01	#L08-006								BIT 0 SENSE LINE F	
00642		P14	064											SPP											
18739		P14	065			XA351	71		AK	23D	0		H	SSB00H	01	#L08-007								BIT0 SNSE LINE H*	
00643		P14	066											SPP											
18743		P14	067			XA350	05		AM	23D	9		H	SSA01A	01	#L08-009								BIT 1 SENSE LINE A	
00644		P14	068											SPP											
18745		P14	069			XA350	14		AN	23D	0		H	SSB01B	01	#L08-010								BIT1 SNSE LINE B*	
00645		P14	070											SPP											
18749		P14	071			XA350	33		AQ	23D	9		H	SSA01D	01	#L08-012								BIT 1 SENSE LINE D	
00646		P14	072											SPP											
18751		P14	073			XA350	51		AR	23D	0		H	SSB01E	01	#L08-013								BIT1 SNSE LINE E*	
00647		P14	074											SPP											
18755		P14	075			XA350	69		AT	23D	9		H	SSA01H	01	#L08-015								BIT 1 SENSE LINE H	
00648		P14	076											SPP											
18757		P14	077			XA350	74		AU	23D	0		H	SSB01J	01	#L08-016								BIT1 SNSE LINE J*	
00649		P14	078											SPP											
18761		P14	079			XA349	13		AW	23D	9		H	SSA02B	01	#L08-018								BIT 2 SENSE LINE B	
00650		P14	080											SPP											
18763		P14	081			XA349	25		AX	23D	0		H	SSB02C	01	#L08-019								BIT2 SNSE LINE C*	
00651		P14	082											SPP											
00652		P14	083											SPP											
00653		P14	084											DNW											
18767		P14	085			XA349	49		AZ	23D	9		H	SSA02E	01	#L08-021								BIT 2 SENSE LINE E	
00654		P14	086											SPP											
18769		P14	087			XA349	57		BA	23D	0		H	SSB02F	01	#L08-022								BIT2 SNSE LINE F*	
00655		P14	088											SPP											
18773		P14	089			XA349	72		BC	23D	9		H	SSA02J	01	#L08-024								BIT 2 SENSE LINE J	
00656		P14	090											SPP											
18775		P14	091			XA348	07		BD	23D	0		H	SSB03A	01	#L08-025								BIT3 SNSE LINE A*	
00657		P14	092											SPP											
18779		P14	093			XA348	23		BF	23D	9		H	SSA03C	01	#L08-027								BIT 3 SENSE LINE C	
00658		P14	094											SPP											
18781		P14	095			XA348	35		BG	23D	0		H	SSB03D	01	#L08-028								BIT3 SNSE LINE D*	
00659		P14	096											SPP											
18785		P14	097			XA348	55		BI	23D	9		H	SSA03F	01	#L08-030								BIT 3 SENSE LINE F	
00660		P14	098											SPP											
18787		P14	099			XA348	71		BJ	23D	0		H	SSB03H	01	#L08-031								BIT3 SNSE LINE H*	
00661		P14	100											SPP											
CONNECTOR P14) CONTINUED ON THE NEXT PAGE ****																									

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RECORD NUMBER	FROM PREFIX	FROM CONNECTOR	FROM PIN	SH FG	TO PREFIX	TO CONNECTOR	TO PIN	SH FG	WIRE MULTI GROUP	WIRE CODE	WIRE COLOR	WIRE IDENT	SPC INST MISC	SIGNAL	SEC NO	EQUATION	TERM	FACTOR	CKT OR CHIP TYPE	GROUP	LOAD OR POWER PLANE	TEST POINTS AND	TEST POINTS OR	SIGNAL DESCRIPTION	ECO NO
18791		P14	101			XA347	05		BL	23D	9		H	SSA04A	01	#L08-033								BIT 4 SENSE LINE A	
00662		P14	102											SPP											
18793		P14	103			XA347	14		BM	23D	0		H	SSB04B	01	#L08-034								BIT4 SNSE LINE B*	
00663		P14	104											SPP											
18797		P14	105			XA347	33		BP	23D	9		H	SSA04D	01	#L08-036								BIT 4 SENSE LINE D	
00664		P14	106											SPP											
18799		P14	107			XA347	51		BQ	23D	0		H	SSB04E	01	#L08-037								BIT4 SNSE LINE E*	
00665		P14	108											SPP											
18803		P14	109			XA347	69		BS	23D	9		H	SSA04H	01	#L08-039								BIT 4 SENSE LINE H	
00666		P14	110											SPP											
18805		P14	111			XA347	74		BT	23D	0		H	SSB04J	01	#L08-040								BIT4 SNSE LINE J*	
00667		P14	112											SPP											

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Litton DATA SYSTEMS

DRAWING NUMBER 149304-880 UNIT ASSEMBLY NO. 149304 REV G INDEX P15

UNIT ASSEMBLY CARD CAGE WIRED, MCU CONNECTOR FILE IDENT T39AMCMU DATE 09-02-82 PAGE 49

RECORD NUMBER	FROM PREFIX	FROM CONNECTOR	FROM PIN	FROM SH FG	TO PREFIX	TO CONNECTOR	TO PIN	TO SH FG	WIRE MULTI GROUP	WIRE CODE	WIRE COLOR	WIRE IDENT	SPEC INST MISL	SIGNAL	SPEC NO	EQUATION	TERM FACTOR	CKT OR CHIP TYPE	GROUP	LOAD OR POWER PLANS	TEST POINTS AND ON	SIGNAL DESCRIPTION	ECO NO
18678		P15	001			XA151	05		BU	23D	9		H	SSA05A	01	#L07-001						BIT 5 SENSE LINE A	
18680		P15	002			XA151	13		BV	23D	9		H	SSA05B	01	#L07-002						BIT 5 SENSE LINE B	
18681		P15	003			XA151	14		BV	23D	0		H	SSB05B	01	#L07-002						BIT5 SNSE LINE B*	
18682		P15	004			XA151	25		BW	23D	0		H	SSB05C	01	#L07-003						BIT5 SNSE LINE C*	
18684		P15	005			XA151	33		BX	23D	9		H	SSA05D	01	#L07-004						BIT 5 SENSE LINE D	
18686		P15	006			XA151	49		BY	23D	9		H	SSA05E	01	#L07-005						BIT 5 SENSE LINE E	
18687		P15	007			XA151	51		BY	23D	0		H	SSB05E	01	#L07-005						BIT5 SNSE LINE E*	
18688		P15	008			XA151	57		BZ	23D	0		H	SSB05F	01	#L07-006						BIT5 SNSE LINE F*	
18690		P15	009			XA151	69		CA	23D	9		H	SSA05H	01	#L07-007						BIT 5 SENSE LINE H	
18692		P15	010			XA151	72		CB	23D	9		H	SSA05J	01	#L07-008						BIT 5 SENSE LINE J	
18693		P15	011			XA151	74		CB	23D	0		H	SSB05J	01	#L07-008						BIT5 SNSE LINE J*	
00668		P15	012											SPP									
00669		P15	013											SPP									
00670		P15	014											SPP									
00671		P15	015											SPP									
00672		P15	016											SPP									
00673		P15	017											SPP									
00674		P15	018											SPP									
00675		P15	019											SPP									
00676		P15	020											SPP									
00677		P15	021											SPP									
18694		P15	022			XA150	05		CC	23D	9		H	SSA06A	01	#L07-009						BIT 6 SENSE LINE A	
18695		P15	023			XA150	07		CC	23D	0		H	SSB06A	01	#L07-009						BIT6 SNSE LINE A*	
18696		P15	024			XA150	14		CD	23D	0		H	SSB06B	01	#L07-010						BIT6 SNSE LINE B*	
18698		P15	025			XA150	23		CE	23D	9		H	SSA06C	01	#L07-011						BIT 6 SENSE LINE C	
18700		P15	026			XA150	33		CF	23D	9		H	SSA06D	01	#L07-012						BIT 6 SENSE LINE D	
18701		P15	027			XA150	35		CF	23D	0		H	SSB06D	01	#L07-012						BIT6 SNSE LINE D*	
00678		P15	028											DNW									
00679		P15	029											DNW									
18702		P15	030			XA150	51		CG	23D	0		H	SSB06E	01	#L07-013						BIT6 SNSE LINE E*	
18704		P15	031			XA150	55		CH	23D	9		H	SSA06F	01	#L07-014						BIT 6 SENSE LINE F	
18706		P15	032			XA150	69		CI	23D	9		H	SSA06H	01	#L07-015						BIT 6 SENSE LINE H	
18707		P15	033			XA150	71		CI	23D	0		H	SSB06H	01	#L07-015						BIT6 SNSE LINE H*	
18708		P15	034			XA150	74		CJ	23D	0		H	SSB06J	01	#L07-016						BIT6 SNSE LINE J*	
00680		P15	035											SPP									
00681		P15	036											SPP									
00682		P15	037											SPP									
00683		P15	038											SPP									
00684		P15	039											SPP									
00685		P15	040											SPP									
00686		P15	041											SPP									
00687		P15	042											SPP									
00688		P15	043											SPP									
00689		P15	044											SPP									
00690		P15	045											SPP									
18710		P15	046			XA149	07		CK	23D	0		H	SSB07A	01	#L07-017						BIT7 SNSE LINE A*	
18712		P15	047			XA149	13		CL	23D	9		H	SSA07B	01	#L07-018						BIT 7 SENSE LINE B	
18714		P15	048			XA149	23		CM	23D	9		H	SSA07C	01	#L07-019						BIT 7 SENSE LINE C	
18715		P15	049			XA149	25		CM	23D	0		H	SSB07C	01	#L07-019						BIT7 SNSE LINE C*	
18716		P15	050			XA149	35		CN	23D	0		H	SSB07D	01	#L07-020						BIT7 SNSE LINE D*	

CONNECTOR P15 CONTINUED ON THE NEXT PAGE ****

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DRAWING NUMBER 149304-880 UNIT ASSEMBLY NO. 149304 REV G INDEX P15

UNIT ASSEMBLY CARD CAGE WIRED, MCU CONNECTOR FILE IDENT T39AMCMU DATE 09-02-82 PAGE 50

RECORD NUMBER	FROM				TO				WIRE					SIGNAL	SEQ NO	EQUATION	TERM	FACTOR	EXT OR CHIP TYPE	GRAM	LOAD OR POWER PLANE	TEST POINTS		SIGNAL DESCRIPTION	ECO NO
	PREFIX	CONNECTOR	PIN	SH FG	PREFIX	CONNECTOR	PIN	SH FG	MULTI GROUP	CODE	COLOR	IDENT	SPC INST MISC									ANC	OP		
18718		P15	051			XA149	49		CP	23D	9		H	SSA07E	01	#L07-021								BIT 7 SENSE LINE E	
18720		P15	052			XA149	55		CQ	23D	9		H	SSA07F	01	#L07-022								BIT 7 SENSE LINE F	
18721		P15	053			XA149	57		CQ	23D	0		H	SSB07F	01	#L07-022								BIT7 SNSE LINE F*	
18722		P15	054			XA149	71		CR	23D	0		H	SSB07H	01	#L07-023								BIT7 SNSE LINE H*	
18724		P15	055			XA149	72		CS	23D	9		H	SSA07J	01	#L07-024								BIT 7 SENSE LINE J	
00691		P15	056											SPP											
18679		P15	057			XA151	07		BU	23D	0		H	SSB05A	01	#L07-001								BIT5 SNSE LINE A*	
00692		P15	058											SPP											
18683		P15	059			XA151	23		BW	23D	9		H	SSA05C	01	#L07-003								BIT 5 SENSE LINE C	
00693		P15	060											SPP											
18685		P15	061			XA151	35		BX	23D	0		H	SSB05D	01	#L07-004								BIT5 SNSE LINE D*	
00694		P15	062											SPP											
18689		P15	063			XA151	55		BZ	23D	9		H	SSA05F	01	#L07-006								BIT 5 SENSE LINE F	
00695		P15	064											SPP											
18691		P15	065			XA151	71		CA	23D	0		H	SSB05H	01	#L07-007								BIT5 SNSE LINE H*	
00696		P15	066											SPP											
00697		P15	067											SPP											
00698		P15	068											SPP											
00699		P15	069											SPP											
00700		P15	070											SPP											
00701		P15	071											SPP											
00702		P15	072											SPP											
00703		P15	073											SPP											
00704		P15	074											SPP											
00705		P15	075											SPP											
00706		P15	076											SPP											
00707		P15	077											SPP											
00708		P15	078											SPP											
18697		P15	079			XA150	13		CD	23D	9		H	SSA06B	01	#L07-010								BIT 6 SENSE LINE B	
00709		P15	080											SPP											
18699		P15	081			XA150	25		CE	23D	0		H	SSB06C	01	#L07-011								BIT6 SNSE LINE C*	
00710		P15	082											SPP											
00711		P15	083											SPP											
00712		P15	084											DNW											
18703		P15	085			XA150	49		CG	23D	9		H	SSA06E	01	#L07-013								BIT 6 SENSE LINE E	
00713		P15	086											SPP											
18705		P15	087			XA150	57		CH	23D	0		H	SSB06F	01	#L07-014								BIT6 SNSE LINE F*	
00714		P15	088											SPP											
18709		P15	089			XA150	72		CJ	23D	9		H	SSA06J	01	#L07-016								BIT 6 SENSE LINE J	
00715		P15	090											SPP											
00716		P15	091											SPP											
00717		P15	092											SPP											
00718		P15	093											SPP											
00719		P15	094											SPP											
00720		P15	095											SPP											
00721		P15	096											SPP											
00722		P15	097											SPP											
00723		P15	098											SPP											
00724		P15	099											SPP											
00725		P15	100											SPP											
CONNECTOR P15 CONTINUED ON THE NEXT PAGE ****																									

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DRAWING NUMBER 149304-880 UNIT ASSEMBLY NO. 149304 REV G INDEX P15

UNIT ASSEMBLY CARD CAGE WIRED, MCU CONNECTOR FILE IDENT T39AMCMU DATE 09-02-82 PAGE 51

RECORD NUMBER	FROM			SH FG	TO			SH FG	WIRE				SPEC INST	SIGNAL	ECO NO	EQUATION	TERM	FACTOR	CKT OR CHIP TYPE	GRP	LOAD OR POWER PLANE	TEST POINTS		SIGNAL DESCRIPTION	ECO NO
	PREFIX	CONNECTOR	PIN		PREFIX	CONNECTOR	PIN		MULTI GROUP	CODE	COLOR	IDENT											AND/OR	
18711		P15	101			XA149	05		CK	23D	9		H	SSA07A	01	#L07-017								BIT 7 SENSE LINE A	
00726		P15	102											SPP											
18713		P15	103			XA149	14		CL	23D	0		H	SSB07B	01	#L07-018								BIT7 SNSE LINE B*	
00727		P15	104											SPP											
18717		P15	105			XA149	33		CN	23D	9		H	SSA07D	01	#L07-020								BIT 7 SENSE LINE D	
00728		P15	106											SPP											
18719		P15	107			XA149	51		CP	23D	0		H	SSB07E	01	#L07-021								BIT7 SNSE LINE E*	
00729		P15	108											SPP											
18723		P15	109			XA149	69		CR	23D	9		H	SSA07H	01	#L07-023								BIT 7 SENSE LINE H	
00730		P15	110											SPP											
18725		P15	111			XA149	74		CS	23D	0		H	SSB07J	01	#L07-024								BIT7 SNSE LINE J*	
00731		P15	112											SPP											

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DRAWING NUMBER 149304-880 UNIT ASSEMBLY NO. 149304 REV G INDEX P16

UNIT ASSEMBLY CARD CAGE WIRED, MCU CONNECTOR FILE IDENT T39AMCMU DATE 09-02-82 PAGE 52

RECORD NUMBER	FROM PREFIX	FROM CONNECTOR	FROM PIN	FROM SH FG	TO PREFIX	TO CONNECTOR	TO PIN	TO SH FG	WIRE MULTI GROUP	WIRE CODE	WIRE COLOR	WIRE IDENT	SPEC TEST SIGNAL	SIGNAL	SEC NO	EQUATION	TI RN FACTOR	CAT OR CHIP TYPE	GROUP	LOAD OF BOARD PLANE	TEST POINTS AND/OR	SIGNAL DESCRIPTION	ECO NO
18532		P16	001			XA251	05		CT	23D	9		H	SSA08A	01	#L05-001						BIT 8 SENSE LINE A	
18534		P16	002			XA251	13		CU	23D	9		H	SSA08B	01	#L05-002						BIT 8 SENSE LINE B	
18535		P16	003			XA251	14		CU	23D	0		H	SSB08B	01	#L05-002						BIT8 SNSE LINE B*	
18536		P16	004			XA251	25		CV	23D	0		H	SSB08C	01	#L05-003						BIT8 SNSE LINE C*	
18538		P16	005			XA251	33		CW	23D	9		H	SSA08D	01	#L05-004						BIT 8 SENSE LINE D	
18540		P16	006			XA251	49		CX	23D	9		H	SSA08E	01	#L05-005						BIT 8 SENSE LINE E	
18541		P16	007			XA251	51		CX	23D	0		H	SSB08E	01	#L05-005						BIT8 SNSE LINE E*	
18542		P16	008			XA251	57		CY	23D	0		H	SSB08F	01	#L05-006						BIT8 SNSE LINE F*	
18544		P16	009			XA251	69		CZ	23D	9		H	SSA08H	01	#L05-007						BIT 8 SENSE LINE H	
18546		P16	010			XA251	72		DA	23D	9		H	SSA08J	01	#L05-008						BIT 8 SENSE LINE J	
18547		P16	011			XA251	74		DA	23D	0		H	SSB08J	01	#L05-008						BIT8 SNSE LINE J*	
18548		P16	012			XA250	07		DB	23D	0		H	SSB09A	01	#L05-009						BIT9 SNSE LINE A*	
18550		P16	013			XA250	13		DC	23D	9		H	SSA09B	01	#L05-010						BIT 9 SENSE LINE B	
18552		P16	014			XA250	23		DD	23D	9		H	SSA09C	01	#L05-011						BIT 9 SENSE LINE C	
18553		P16	015			XA250	25		DD	23D	0		H	SSB09C	01	#L05-011						BIT9 SNSE LINE C*	
18554		P16	016			XA250	35		DE	23D	0		H	SSB09D	01	#L05-012						BIT9 SNSE LINE D*	
18556		P16	017			XA250	49		DF	23D	9		H	SSA09E	01	#L05-013						BIT 9 SENSE LINE E	
18558		P16	018			XA250	55		DG	23D	9		H	SSA09F	01	#L05-014						BIT 9 SENSE LINE F	
18559		P16	019			XA250	57		DG	23D	0		H	SSB09F	01	#L05-014						BIT9 SNSE LINE F*	
18560		P16	020			XA250	71		DH	23D	0		H	SSB09H	01	#L05-015						BIT9 SNSE LINE H*	
18562		P16	021			XA250	72		DI	23D	9		H	SSA09J	01	#L05-016						BIT 9 SENSE LINE J	
18564		P16	022			XA249	05		DJ	23D	9		H	SSA10A	01	#L05-017						BIT10 SENSE LINE A	
18565		P16	023			XA249	07		DJ	23D	0		H	SSB10A	01	#L05-017						BIT10 SNSE LINE A*	
18566		P16	024			XA249	14		DK	23D	0		H	SSB10B	01	#L05-018						BIT10 SNSE LINE B*	
18568		P16	025			XA249	23		DL	23D	9		H	SSA10C	01	#L05-019						BIT10 SENSE LINE C	
18570		P16	026			XA249	33		DM	23D	9		H	SSA10D	01	#L05-020						BIT10 SENSE LINE D	
18571		P16	027			XA249	35		DM	23D	0		H	SSB10D	01	#L05-020						BIT10 SNSE LINE D*	
00732		P16	028											DNW									
00733		P16	029											DNW									
18572		P16	030			XA249	51		DN	23D	0		H	SSB10E	01	#L05-021						BIT10 SNSE LINE E*	
18574		P16	031			XA249	55		DP	23D	9		H	SSA10F	01	#L05-022						BIT10 SENSE LINE F	
18576		P16	032			XA249	69		DQ	23D	9		H	SSA10H	01	#L05-023						BIT10 SENSE LINE H	
18577		P16	033			XA249	71		DQ	23D	0		H	SSB10H	01	#L05-023						BIT10 SNSE LINE H*	
18578		P16	034			XA249	74		DR	23D	0		H	SSB10J	01	#L05-024						BIT10 SNSE LINE J*	
18580		P16	035			XA248	05		DS	23D	9		H	SSA11A	01	#L05-025						BIT11 SENSE LINE A	
18582		P16	036			XA248	13		DT	23D	9		H	SSA11B	01	#L05-026						BIT11 SENSE LINE B	
18583		P16	037			XA248	14		DT	23D	0		H	SSB11B	01	#L05-026						BIT11 SNSE LINE B*	
18584		P16	038			XA248	25		DU	23D	0		H	SSB11C	01	#L05-027						BIT11 SNSE LINE C*	
18586		P16	039			XA248	33		DV	23D	9		H	SSA11D	01	#L05-028						BIT11 SENSE LINE D	
18588		P16	040			XA248	49		DW	23D	9		H	SSA11E	01	#L05-029						BIT11 SENSE LINE E	
18589		P16	041			XA248	51		DW	23D	0		H	SSB11E	01	#L05-029						BIT11 SNSE LINE E*	
18590		P16	042			XA248	57		DX	23D	0		H	SSB11F	01	#L05-030						BIT11 SNSE LINE F*	
18592		P16	043			XA248	69		DY	23D	9		H	SSA11H	01	#L05-031						BIT11 SENSE LINE H	
18594		P16	044			XA248	72		DZ	23D	9		H	SSA11J	01	#L05-032						BIT11 SENSE LINE J	
18595		P16	045			XA248	74		DZ	23D	0		H	SSB11J	01	#L05-032						BIT11 SNSE LINE J*	
18596		P16	046			XA247	07		EA	23D	0		H	SSB12A	01	#L05-033						BIT12 SNSE LINE A*	
18598		P16	047			XA247	13		EB	23D	9		H	SSA12B	01	#L05-034						BIT12 SENSE LINE B	
18600		P16	048			XA247	23		EC	23D	9		H	SSA12C	01	#L05-035						BIT12 SENSE LINE C	
18601		P16	049			XA247	25		EC	23D	0		H	SSB12C	01	#L05-035						BIT12 SNSE LINE C*	
18602		P16	050			XA247	35		ED	23D	0		H	SSB12D	01	#L05-036						BIT12 SNSE LINE D*	
CONNECTOR P16) CONTINUED ON THE NEXT PAGE ****																							

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RECORD NUMBER	FROM PREFIX	FROM CONNECTOR	FROM PIN	FROM SHIELD	TO PREFIX	TO CONNECTOR	TO PIN	TO SHIELD	WIRE MULTI GROUP	WIRE CODE	WIRE COLOR	WIRE IDENT	SPECIAL USE	SIGNAL	SEL NO	EQUATION	TERM	FACTOR	CAP OR CHIP TYPE	GROUP	LOAD OR POWER PLANE	TEST POINTS AND/OR	SIGNAL DESCRIPTION	ECO NO
18604		P16	051			XA247	49		EE	23D	9		H	SSA12E	01	#L05-037							BIT12 SENSE LINE E	
18606		P16	052			XA247	55		EF	23D	9		H	SSA12F	01	#L05-038							BIT12 SENSE LINE F	
18607		P16	053			XA247	57		EF	23D	0		H	SSB12F	01	#L05-038							BIT12 SNSE LINE F*	
18608		P16	054			XA247	71		EG	23D	0		H	SSB12H	01	#L05-039							BIT12 SNSE LINE H*	
18610		P16	055			XA247	72		EH	23D	9		H	SSA12J	01	#L05-040							BIT12 SENSE LINE J	
00734		P16	056											SPP										
18533		P16	057			XA251	07		CT	23D	0		H	SSB08A	01	#L05-001							BIT8 SNSE LINE A*	
00735		P16	058											SPP										
18537		P16	059			XA251	23		CV	23D	9		H	SSA08C	01	#L05-003							BIT 8 SENSE LINE C	
00736		P16	060											SPP										
18539		P16	061			XA251	35		CW	23D	0		H	SSB08D	01	#L05-004							BIT8 SNSE LINE D*	
00737		P16	062											SPP										
18543		P16	063			XA251	55		CY	23D	9		H	SSA08F	01	#L05-006							BIT 8 SENSE LINE F	
00738		P16	064											SPP										
18545		P16	065			XA251	71		CZ	23D	0		H	SSB08H	01	#L05-007							BIT8 SNSE LINE H*	
00739		P16	066											SPP										
18549		P16	067			XA250	05		DB	23D	9		H	SSA09A	01	#L05-009							BIT 9 SENSE LINE A	
00740		P16	068											SPP										
18551		P16	069			XA250	14		DC	23D	0		H	SSB09B	01	#L05-010							BIT9 SNSE LINE B*	
00741		P16	070											SPP										
18555		P16	071			XA250	33		DE	23D	9		H	SSA09D	01	#L05-012							BIT 9 SENSE LINE D	
00742		P16	072											SPP										
18557		P16	073			XA250	51		DF	23D	0		H	SSB09E	01	#L05-013							BIT9 SNSE LINE E*	
00743		P16	074											SPP										
18561		P16	075			XA250	69		DH	23D	9		H	SSA09H	01	#L05-015							BIT 9 SENSE LINE H	
00744		P16	076											SPP										
18563		P16	077			XA250	74		DI	23D	0		H	SSB09J	01	#L05-016							BIT9 SNSE LINE J*	
00745		P16	078											SPP										
18567		P16	079			XA249	13		DK	23D	9		H	SSA10B	01	#L05-018							BIT10 SENSE LINE B	
00746		P16	080											SPP										
18569		P16	081			XA249	25		DL	23D	0		H	SSB10C	01	#L05-019							BIT10 SNSE LINE C*	
00747		P16	082											SPP										
00748		P16	083											DNW										
00749		P16	084																					
18573		P16	085			XA249	49		DN	23D	9		H	SSA10E	01	#L05-021							BIT10 SENSE LINE E	
00750		P16	086											SPP										
18575		P16	087			XA249	57		DP	23D	0		H	SSB10F	01	#L05-022							BIT10 SNSE LINE F*	
00751		P16	088											SPP										
18579		P16	089			XA249	72		DR	23D	9		H	SSA10J	01	#L05-024							BIT10 SENSE LINE J	
00752		P16	090											SPP										
18581		P16	091			XA248	07		DS	23D	0		H	SSB11A	01	#L05-025							BIT11 SNSE LINE A*	
00753		P16	092											SPP										
18585		P16	093			XA248	23		DU	23D	9		H	SSA11C	01	#L05-027							BIT11 SENSE LINE C	
00754		P16	094											SPP										
18587		P16	095			XA248	35		DV	23D	0		H	SSB11D	01	#L05-028							BIT11 SNSE LINE D*	
00755		P16	096											SPP										
18591		P16	097			XA248	55		DX	23D	9		H	SSA11F	01	#L05-030							BIT11 SENSE LINE F	
00756		P16	098											SPP										
18593		P16	099			XA248	71		DY	23D	0		H	SSB11H	01	#L05-031							BIT11 SNSE LINE H*	
00757		P16	100											SPP										
CONNECTOR P16) CONTINUED ON THE NEXT PAGE ****																								

RECORD NUMBER	FROM PREFIX	FROM CONNECTOR	FROM PIN	FROM SH FG	TO PREFIX	TO CONNECTOR	TO PIN	TO SH FG	WIRE MULTI GROUP	WIRE CODE	WIRE COLOR	WIRE IDENT	SPC INST MISC	SIGNAL	SEQ NO	EQUATION	TERM	FACTOR	CKT OR CHIP TYPE	GROUP	VOLT OF POWER PLANE	TEST POINTS AND	TEST POINTS OF	SIGNAL DESCRIPTION	ECO NO
18597		P16	101			XA247	05		EA	23D	9		H	SSA12A	01	#L05-033								BIT12 SENSE LINE A	
00758		P16	102											SPP											
18599		P16	103			XA247	14		EB	23D	0		H	SSB12B	01	#L05-034								BIT12 SNSE LINE B*	
00759		P16	104											SPP											
18603		P16	105			XA247	33		ED	23D	9		H	SSA12D	01	#L05-036								BIT12 SENSE LINE D	
00760		P16	106											SPP											
18605		P16	107			XA247	51		EE	23D	0		H	SSB12E	01	#L05-037								BIT12 SNSE LINE E*	
00761		P16	108											SPP											
18609		P16	109			XA247	69		EG	23D	9		H	SSA12H	01	#L05-039								BIT12 SENSE LINE H	
00762		P16	110											SPP											
18611		P16	111			XA247	74		EH	23D	0		H	SSB12J	01	#L05-040								BIT12 SNSE LINE J*	
00763		P16	112											SPP											

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RECORD NUMBER	FROM PREFIX	FROM CONNECTOR	FROM PIN	FROM SH FG	TO PREFIX	TO CONNECTOR	TO PIN	TO SH FG	WIRE WIRE GROUP	WIRE CODE	WIRE COLOR	WIRE IDENT	SPEC INST WIRE	SIGNAL	SEQ NO	EQUATION	TERM	TERM FACTOR	CAT OR CHIP TYPE	GRAP	LOAD OR POWER PLANE	TEST POINTS AND	TEST POINTS OR	SIGNAL DESCRIPTION	ECO NO
00764		P17	001											SPP											
00765		P17	002											SPP											
00766		P17	003											SPP											
00767		P17	004											SPP											
00768		P17	005											SPP											
00769		P17	006											SPP											
00770		P17	007											SPP											
00771		P17	008											SPP											
00772		P17	009											SPP											
00773		P17	010											SPP											
00774		P17	011											SPP											
18612		P17	012			XA451	07		EI	23D	0		H	SSB13A	01	#L06-001								BIT13 SNSE LINE A*	
18614		P17	013			XA451	13		EJ	23D	9		H	SSA13B	01	#L06-002								BIT13 SENSE LINE B	
18616		P17	014			XA451	23		EK	23D	9		H	SSA13C	01	#L06-003								BIT13 SENSE LINE C	
18617		P17	015			XA451	25		EK	23D	0		H	SSB13C	01	#L06-003								BIT13 SNSE LINE C*	
18618		P17	016			XA451	35		EL	23D	0		H	SSB13D	01	#L06-004								BIT13 SNSE LINE D*	
18620		P17	017			XA451	49		EM	23D	9		H	SSA13E	01	#L06-005								BIT13 SENSE LINE E	
18622		P17	018			XA451	55		EN	23D	9		H	SSA13F	01	#L06-006								BIT13 SENSE LINE F	
18623		P17	019			XA451	57		EN	23D	0		H	SSB13F	01	#L06-006								BIT13 SNSE LINE F*	
18624		P17	020			XA451	71		EP	23D	0		H	SSB13H	01	#L06-007								BIT13 SNSE LINE H*	
18626		P17	021			XA451	72		EQ	23D	9		H	SSA13J	01	#L06-008								BIT13 SENSE LINE J	
18628		P17	022			XA450	05		ER	23D	9		H	SSA14A	01	#L06-009								BIT14 SENSE LINE A	
18629		P17	023			XA450	07		ER	23D	0		H	SSB14A	01	#L06-009								BIT14 SNSE LINE A*	
18630		P17	024			XA450	14		ES	23D	0		H	SSB14B	01	#L06-010								BIT14 SNSE LINE B*	
18632		P17	025			XA450	23		ET	23D	9		H	SSA14C	01	#L06-011								BIT14 SENSE LINE C	
18634		P17	026			XA450	33		EU	23D	9		H	SSA14D	01	#L06-012								BIT14 SENSE LINE D	
18635		P17	027			XA450	35		EU	23D	0		H	SSB14D	01	#L06-012								BIT14 SNSE LINE D*	
00775		P17	028											DNW											
00776		P17	029											DNW											
18636		P17	030			XA450	51		EV	23D	0		H	SSB14E	01	#L06-013								BIT14 SNSE LINE E*	
18638		P17	031			XA450	55		EW	23D	9		H	SSA14F	01	#L06-014								BIT14 SENSE LINE F	
18640		P17	032			XA450	69		EX	23D	9		H	SSA14H	01	#L06-015								BIT14 SENSE LINE H	
18641		P17	033			XA450	71		EX	23D	0		H	SSB14H	01	#L06-015								BIT14 SNSE LINE H*	
18642		P17	034			XA450	74		EY	23D	0		H	SSB14J	01	#L06-016								BIT14 SNSE LINE J*	
18644		P17	035			XA449	05		EZ	23D	9		H	SSA15A	01	#L06-017								BIT15 SENSE LINE A	
18646		P17	036			XA449	13		FA	23D	9		H	SSA15B	01	#L06-018								BIT15 SENSE LINE B	
18647		P17	037			XA449	14		FA	23D	0		H	SSB15B	01	#L06-018								BIT15 SNSE LINE B*	
18648		P17	038			XA449	25		FB	23D	0		H	SSB15C	01	#L06-019								BIT15 SNSE LINE C*	
18650		P17	039			XA449	33		FC	23D	9		H	SSA15D	01	#L06-020								BIT15 SENSE LINE D	
18652		P17	040			XA449	49		FD	23D	9		H	SSA15E	01	#L06-021								BIT15 SENSE LINE E	
18653		P17	041			XA449	51		FD	23D	0		H	SSB15E	01	#L06-021								BIT15 SNSE LINE E*	
18654		P17	042			XA449	57		FE	23D	0		H	SSB15F	01	#L06-022								BIT15 SNSE LINE F*	
18656		P17	043			XA449	69		FF	23D	9		H	SSA15H	01	#L06-023								BIT15 SENSE LINE H	
18658		P17	044			XA449	72		FG	23D	9		H	SSA15J	01	#L06-024								BIT15 SENSE LINE J	
18659		P17	045			XA449	74		FG	23D	0		H	SSB15J	01	#L06-024								BIT15 SNSE LINE J*	
18660		P17	046			XA448	07		FH	23D	0		H	SSB16A	01	#L06-025								BIT16 SNSE LINE A*	
18662		P17	047			XA448	13		FI	23D	9		H	SSA16B	01	#L06-026								BIT16 SENSE LINE B	
18664		P17	048			XA448	23		FJ	23D	9		H	SSA16C	01	#L06-027								BIT16 SENSE LINE C	
18665		P17	049			XA448	25		FJ	23D	0		H	SSB16C	01	#L06-027								BIT16 SNSE LINE C*	
18666		P17	050			XA448	35		FK	23D	0		H	SSB16D	01	#L06-028								BIT16 SNSE LINE D*	
CONNECTOR (P17) CONTINUED ON THE NEXT PAGE ****																									

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RECORD NUMBER	FROM PREFIX	FROM CONNECTOR	FROM PIN	FROM SH FG	TO PREFIX	TO CONNECTOR	TO PIN	TO SH FG	WIRE MULTI GROUP	WIRE CODE	WIRE COLOR	WIRE IDENT	SPC INST MISC	SIGNAL	SEC NO	EQUATION	TERM FACTOR	CAT OR CHIP TYPE	GROUP	LOAD OR MOUNTING PLANE	TEST POINTS OR JUNCTION	SIGNAL DESCRIPTION	ECO NO
18668		P17	051			XA448	49		FL	23D	9		H	SSA16E	01	#L06-029						BIT16 SENSE LINE E	
18670		P17	052			XA448	55		FM	23D	9		H	SSA16F	01	#L06-030						BIT16 SENSE LINE F	
18671		P17	053			XA448	57		FM	23D	0		H	SSB16F	01	#L06-030						BIT16 SNSE LINE F*	
18672		P17	054			XA448	71		FN	23D	0		H	SSB16H	01	#L06-031						BIT16 SNSE LINE H*	
18674		P17	055			XA448	72		FP	23D	9		H	SSA16J	01	#L06-032						BIT16 SENSE LINE J	
18676		P17	056			XA533	49		KT	23D	9		H	SSREGA	01	#L06-033							
00777		P17	057											SPP									
00778		P17	058											SPP									
00779		P17	059											SPP									
00780		P17	060											SPP									
00781		P17	061											SPP									
00782		P17	062											SPP									
00783		P17	063											SPP									
00784		P17	064											SPP									
00785		P17	065											SPP									
00786		P17	066											SPP									
18613		P17	067			XA451	05		EI	23D	9		H	SSA13A	01	#L06-001						BIT13 SENSE LINE A	
00787		P17	068											SPP									
18615		P17	069			XA451	14		EJ	23D	0		H	SSB13B	01	#L06-002						BIT13 SNSE LINE B*	
00788		P17	070											SPP									
18619		P17	071			XA451	33		EL	23D	9		H	SSA13D	01	#L06-004						BIT13 SENSE LINE D	
00789		P17	072											SPP									
18621		P17	073			XA451	51		EM	23D	0		H	SSB13E	01	#L06-005						BIT13 SNSE LINE E*	
00790		P17	074											SPP									
18625		P17	075			XA451	69		EP	23D	9		H	SSA13H	01	#L06-007						BIT13 SENSE LINE H	
00791		P17	076											SPP									
18627		P17	077			XA451	74		EQ	23D	0		H	SSB13J	01	#L06-008						BIT13 SNSE LINE J*	
00792		P17	078											SPP									
18631		P17	079			XA450	13		ES	23D	9		H	SSA14B	01	#L06-010						BIT14 SENSE LINE B	
00793		P17	080											SPP									
18633		P17	081			XA450	25		ET	23D	0		H	SSB14C	01	#L06-011						BIT14 SNSE LINE C*	
00794		P17	082											SPP									
00795		P17	083											SPP									
00796		P17	084											DNW									
18637		P17	085			XA450	49		EV	23D	9		H	SSA14E	01	#L06-013						BIT14 SENSE LINE E	
00797		P17	086											SPP									
18639		P17	087			XA450	57		EW	23D	0		H	SSB14F	01	#L06-014						BIT14 SNSE LINE F*	
00798		P17	088											SPP									
18643		P17	089			XA450	72		EY	23D	9		H	SSA14J	01	#L06-016						BIT14 SENSE LINE J	
00799		P17	090											SPP									
18645		P17	091			XA449	07		EZ	23D	0		H	SSB15A	01	#L06-017						BIT15 SNSE LINE A*	
00800		P17	092											SPP									
18649		P17	093			XA449	23		FB	23D	9		H	SSA15C	01	#L06-019						BIT15 SENSE LINE C	
00801		P17	094											SPP									
18651		P17	095			XA449	35		FC	23D	0		H	SSB15D	01	#L06-020						BIT15 SNSE LINE D*	
00802		P17	096											SPP									
18655		P17	097			XA449	55		FE	23D	9		H	SSA15F	01	#L06-022						BIT15 SENSE LINE F	
00803		P17	098											SPP									
18657		P17	099			XA449	71		FF	23D	0		H	SSB15H	01	#L06-023						BIT15 SNSE LINE H*	
00804		P17	100											SPP									
CONNECTOR		P17	) CONTINUED ON			THE NEXT PAGE	****																

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RECORD NUMBER	FROM			SH FG	TO			SH FG	WIRE				SPL INST MISC	SIGNAL	SEQ NO	EQUATION	TERM FACTOR	CKT OR CHIP TYPE	GROUP	LOAD OR POWER PLANE	TEST POINTS		SIGNAL DESCRIPTION	ECO NO
	PREFIX	CONNECTOR	PIN		PREFIX	CONNECTOR	PIN		MULTI GROUP	CODE	COLOR	IDENT									AND	OR		
18661		P17	101			XA448	05		FH	23D	9		H	SSA16A	01	#L06-025							BIT16 SENSE LINE A	
00805		P17	102											SPP										
18663		P17	103			XA448	14		FI	23D	0		H	SSB16B	01	#L06-026							BIT16 SNSE LINE B*	
00806		P17	104											SPP										
18667		P17	105			XA448	33		FK	23D	9		H	SSA16D	01	#L06-028							BIT16 SENSE LINE D	
00807		P17	106											SPP										
18669		P17	107			XA448	51		FL	23D	0		H	SSB16E	01	#L06-029							BIT16 SNSE LINE E*	
00808		P17	108											SPP										
18673		P17	109			XA448	69		FN	23D	9		H	SSA16H	01	#L06-031							BIT16 SENSE LINE H	
00809		P17	110											SPP										
18675		P17	111			XA448	74		FP	23D	0		H	SSB16J	01	#L06-032							BIT16 SNSE LINE J*	
18677		P17	112			XA533	59		KT	23D	0		H	SSREGB	01	#L06-033								

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Litton DATA SYSTEMS

DRAWING NUMBER 149304-880 UNIT ASSEMBLY NO. 149304 REV G INDEX P18

UNIT ASSEMBLY CARD CAGE WIRED, MCU CONNECTOR FILE IDENT T39AMCMU DATE 09-02-82 PAGE 58

RECORD NUMBER	FROM PREFIX	FROM CONNECTOR	FROM PIN	FROM SH FG	TO PREFIX	TO CONNECTOR	TO PIN	TO SH FG	WIRE MULTI GROUP	WIRE CODE	WIRE COLOR	WIRE IDENT	SPEC INST MISC	SIGNAL	SEQ NO	EQUATION	TERM	FACTOR	CKT OR CHIP TYPE	GROUP	LOAD OF POWER PLANE	TEST POINTS AND	TEST POINTS OR	SIGNAL DESCRIPTION	ECO NO
18452		P18	001			XA447	05		FQ	23D	9		H	SSA17A	01	#L04-001								BIT17 SENSE LINE A	
18454		P18	002			XA447	13		FR	23D	9		H	SSA17B	01	#L04-002								BIT17 SENSE LINE B	
18455		P18	003			XA447	14		FR	23D	0		H	SSB17B	01	#L04-002								BIT17 SNSE LINE B*	
18456		P18	004			XA447	25		FS	23D	0		H	SSB17C	01	#L04-003								BIT17 SNSE LINE C*	
18458		P18	005			XA447	33		FT	23D	9		H	SSA17D	01	#L04-004								BIT17 SENSE LINE D	
18460		P18	006			XA447	49		FU	23D	9		H	SSA17E	01	#L04-005								BIT17 SENSE LINE E	
18461		P18	007			XA447	51		FU	23D	0		H	SSB17E	01	#L04-005								BIT17 SNSE LINE E*	
18462		P18	008			XA447	57		FV	23D	0		H	SSB17F	01	#L04-006								BIT17 SNSE LINE F*	
18464		P18	009			XA447	69		FW	23D	9		H	SSA17H	01	#L04-007								BIT17 SENSE LINE H	
18466		P18	010			XA447	72		FX	23D	9		H	SSA17J	01	#L04-008								BIT17 SENSE LINE J	
18467		P18	011			XA447	74		FX	23D	0		H	SSB17J	01	#L04-008								BIT17 SNSE LINE J*	
18468		P18	012			XA446	07		FY	23D	0		H	SSB18A	01	#L04-009								BIT18 SNSE LINE A*	
18470		P18	013			XA446	13		FZ	23D	9		H	SSA18B	01	#L04-010								BIT18 SENSE LINE B	
18472		P18	014			XA446	23		GA	23D	9		H	SSA18C	01	#L04-011								BIT18 SENSE LINE C	
18473		P18	015			XA446	25		GA	23D	0		H	SSB18C	01	#L04-011								BIT18 SNSE LINE C*	
18474		P18	016			XA446	35		GB	23D	0		H	SSB18D	01	#L04-012								BIT18 SNSE LINE D*	
18476		P18	017			XA446	49		GC	23D	9		H	SSA18E	01	#L04-013								BIT18 SENSE LINE E	
18478		P18	018			XA446	55		GD	23D	9		H	SSA18F	01	#L04-014								BIT18 SENSE LINE F	
18479		P18	019			XA446	57		GD	23D	0		H	SSB18F	01	#L04-014								BIT18 SNSE LINE F*	
18480		P18	020			XA446	71		GE	23D	0		H	SSB18H	01	#L04-015								BIT18 SNSE LINE H*	
18482		P18	021			XA446	72		GF	23D	9		H	SSA18J	01	#L04-016								BIT18 SENSE LINE J	
18484		P18	022			XA445	05		GG	23D	9		H	SSA19A	01	#L04-017								BIT19 SENSE LINE A	
18485		P18	023			XA445	07		GG	23D	0		H	SSB19A	01	#L04-017								BIT19 SNSE LINE A*	
18486		P18	024			XA445	14		GH	23D	0		H	SSB19B	01	#L04-018								BIT19 SNSE LINE B*	
18488		P18	025			XA445	23		GI	23D	9		H	SSA19C	01	#L04-019								BIT19 SENSE LINE C	
18490		P18	026			XA445	33		GJ	23D	9		H	SSA19D	01	#L04-020								BIT19 SENSE LINE D	
18491		P18	027			XA445	35		GJ	23D	0		H	SSB19D	01	#L04-020								BIT19 SNSE LINE D*	
00810		P18	028											DNW											
00811		P18	029											DNW											
18492		P18	030			XA445	51		GK	23D	0		H	SSB19E	01	#L04-021								BIT19 SNSE LINE E*	
18494		P18	031			XA445	55		GL	23D	9		H	SSA19F	01	#L04-022								BIT19 SENSE LINE F	
18496		P18	032			XA445	69		GM	23D	9		H	SSA19H	01	#L04-023								BIT19 SENSE LINE H	
18497		P18	033			XA445	71		GM	23D	0		H	SSB19H	01	#L04-023								BIT19 SNSE LINE H*	
18498		P18	034			XA445	74		GN	23D	0		H	SSB19J	01	#L04-024								BIT19 SNSE LINE J*	
18500		P18	035			XA444	05		GP	23D	9		H	SSA20A	01	#L04-025								BIT20 SENSE LINE A	
18502		P18	036			XA444	13		GQ	23D	9		H	SSA20B	01	#L04-026								BIT20 SENSE LINE B	
18503		P18	037			XA444	14		GQ	23D	0		H	SSB20B	01	#L04-026								BIT20 SNSE LINE B*	
18504		P18	038			XA444	25		GR	23D	0		H	SSB20C	01	#L04-027								BIT20 SNSE LINE C*	
13506		P18	039			XA444	33		GS	23D	9		H	SSA20D	01	#L04-028								BIT20 SENSE LINE D	
18508		P18	040			XA444	49		GT	23D	9		H	SSA20E	01	#L04-029								BIT20 SENSE LINE E	
18509		P18	041			XA444	51		GT	23D	0		H	SSB20E	01	#L04-029								BIT20 SNSE LINE E*	
18510		P18	042			XA444	57		GU	23D	0		H	SSB20F	01	#L04-030								BIT20 SNSE LINE F*	
18512		P18	043			XA444	69		GV	23D	9		H	SSA20H	01	#L04-031								BIT20 SENSE LINE H	
18514		P18	044			XA444	72		GW	23D	9		H	SSA20J	01	#L04-032								BIT20 SENSE LINE J	
18515		P18	045			XA444	74		GW	23D	0		H	SSB20J	01	#L04-032								BIT20 SNSE LINE J*	
18516		P18	046			XA443	07		GX	23D	0		H	SSB21A	01	#L04-033								BIT21 SNSE LINE A*	
18518		P18	047			XA443	13		GY	23D	9		H	SSA21B	01	#L04-034								BIT21 SENSE LINE B	
18520		P18	048			XA443	23		GZ	23D	9		H	SSA21C	01	#L04-035								BIT21 SENSE LINE C	
18521		P18	049			XA443	25		GZ	23D	0		H	SSB21C	01	#L04-035								BIT21 SNSE LINE C*	
18522		P18	050			XA443	35		HA	23D	0		H	SSB21D	01	#L04-036								BIT21 SNSE LINE D*	

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DRAWING NUMBER 149304-880 UNIT ASSEMBLY NO. 149304 REV G INDEX P18

UNIT ASSEMBLY CARD CAGE WIRED, MCU CONNECTOR FILE IDENT T39AMCMU DATE 09-02-82 PAGE 59

RECORD NUMBER	FROM				TO				WIRE					SIGNAL	SEQ NO	EQUATION	TERM	FACTOR	CKT OR CHIP TYPE	GROUP	LOAD OR POWER PLANE	TEST POINTS		SIGNAL DESCRIPTION	ECO NO
	PREFIX	CONNECTOR	PIN	SHIELD	PREFIX	CONNECTOR	PIN	SHIELD	MULTI GROUP	CODE	COLOR	IDENT	SPECIAL									AND	OR		
18524		P18	051			XA443	49		HB	23D	9		H	SSA21E	01	#L04-037								BIT21 SENSE LINE E	
18526		P18	052			XA443	55		HC	23D	9		H	SSA21F	01	#L04-038								BIT21 SENSE LINE F	
18527		P18	053			XA443	57		HC	23D	0		H	SSB21F	01	#L04-038								BIT21 SNSE LINE F*	
18528		P18	054			XA443	71		HD	23D	0		H	SSB21H	01	#L04-039								BIT21 SNSE LINE H*	
18530		P18	055			XA443	72		HE	23D	9		H	SSA21J	01	#L04-040								BIT21 SENSE LINE J	
00812		P18	056											SPP											
18453		P18	057			XA447	07		FQ	23D	0		H	SSB17A	01	#L04-001								BIT17 SNSE LINE A*	
00813		P18	058											SPP											
18457		P18	059			XA447	23		FS	23D	9		H	SSA17C	01	#L04-003								BIT17 SENSE LINE C	
00814		P18	060											SPP											
18459		P18	061			XA447	35		FT	23D	0		H	SSB17D	01	#L04-004								BIT17 SNSE LINE D*	
00815		P18	062											SPP											
18463		P18	063			XA447	55		FV	23D	9		H	SSA17F	01	#L04-006								BIT17 SENSE LINE F	
00816		P18	064											SPP											
18465		P18	065			XA447	71		FW	23D	0		H	SSB17H	01	#L04-007								BIT17 SNSE LINE H*	
00817		P18	066											SPP											
18469		P18	067			XA446	05		FY	23D	9		H	SSA18A	01	#L04-009								BIT18 SENSE LINE A	
00818		P18	068											SPP											
18471		P18	069			XA446	14		FZ	23D	0		H	SSB18B	01	#L04-010								BIT18 SNSE LINE B*	
00819		P18	070											SPP											
18475		P18	071			XA446	33		GB	23D	9		H	SSA18D	01	#L04-012								BIT18 SENSE LINE D	
00820		P18	072											SPP											
18477		P18	073			XA446	51		GC	23D	0		H	SSB18E	01	#L04-013								BIT18 SNSE LINE E*	
00821		P18	074											SPP											
18481		P18	075			XA446	69		GE	23D	9		H	SSA18H	01	#L04-015								BIT18 SENSE LINE H	
00822		P18	076											SPP											
18483		P18	077			XA446	74		GF	23D	0		H	SSB18J	01	#L04-016								BIT18 SNSE LINE J*	
00823		P18	078											SPP											
18487		P18	079			XA445	13		GH	23D	9		H	SSA19B	01	#L04-018								BIT19 SENSE LINE B	
00824		P18	080											SPP											
18489		P18	081			XA445	25		GI	23D	0		H	SSB19C	01	#L04-019								BIT19 SNSE LINE C*	
00825		P18	082											SPP											
00826		P18	083											SPP											
00827		P18	084											DNW											
18493		P18	085			XA445	49		GK	23D	9		H	SSA19E	01	#L04-021								BIT19 SENSE LINE E	
00828		P18	086											SPP											
18495		P18	087			XA445	57		GL	23D	0		H	SSB19F	01	#L04-022								BIT19 SNSE LINE F*	
00829		P18	088											SPP											
18499		P18	089			XA445	72		GN	23D	9		H	SSA19J	01	#L04-024								BIT19 SENSE LINE J	
00830		P18	090											SPP											
18501		P18	091			XA444	07		GP	23D	0		H	SSB20A	01	#L04-025								BIT20 SNSE LINE A*	
00831		P18	092											SPP											
18505		P18	093			XA444	23		GR	23D	9		H	SSA20C	01	#L04-027								BIT20 SENSE LINE C	
00832		P18	094											SPP											
18507		P18	095			XA444	35		GS	23D	0		H	SSB20D	01	#L04-028								BIT20 SNSE LINE D*	
00833		P18	096											SPP											
18511		P18	097			XA444	55		GU	23D	9		H	SSA20F	01	#L04-030								BIT20 SENSE LINE F	
00834		P18	098											SPP											
18513		P18	099			XA444	71		GV	23D	0		H	SSB20H	01	#L04-031								BIT20 SNSE LINE H*	
00835		P18	100											SPP											
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DRAWING NUMBER 149304-880 UNIT ASSEMBLY NO. 149304 REV G INDEX P18

UNIT ASSEMBLY CARD CAGE WIRED, MCU CONNECTOR FILE IDENT T39AMCMU DATE 09-02-82 PAGE 60

RECORD NUMBER	FROM			SHLD	TO			SHLD	WIRE				SPEC TEST MISC	SIGNAL	SEQ NO	EQUATION	TERM	FACTOR	CKT OR CHIP TYPE	SHAPE	LOAD OR BOARD PLANE	TEST POINTS		SIGNAL DESCRIPTION	ECO NO
	PREFIX	CONNECTOR	PIN		PREFIX	CONNECTOR	PIN		MULTI GROUP	CODE	COLOR	IDENT										ANC	OR		
18517 00836		P18 P18	101 102			XA443	05		GX	23D	9		H	SSA21A SPP	01	#L04-033								BIT21 SENSE LINE A	
18519 00837		P18 P18	103 104			XA443	14		GY	23D	0		H	SSB21B SPP	01	#L04-034								BIT21 SNSE LINE B*	
18523 00838		P18 P18	105 106			XA443	33		HA	23D	9		H	SSA21D SPP	01	#L04-036								BIT21 SENSE LINE D	
18525 00839		P18 P18	107 108			XA443	51		HB	23D	0		H	SSB21E SPP	01	#L04-037								BIT21 SNSE LINE E*	
18529 00840		P18 P18	109 110			XA443	69		HD	23D	9		H	SSA21H SPP	01	#L04-039								BIT21 SENSE LINE H	
18531 00841		P18 P18	111 112			XA443	74		HE	23D	0		H	SSB21J SPP	01	#L04-040								BIT21 SNSE LINE J*	

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Litton DATA SYSTEMS

DRAWING NUMBER 149304-880 UNIT ASSEMBLY NO. 149304 REV G INDEX P19

UNIT ASSEMBLY CARD CAGE WIRED, MCU CONNECTOR FILE IDENT T39AMCMU DATE 09-02-82 PAGE 61

RECORD NUMBER	FROM PREFIX	FROM CONNECTOR	FROM PIN	FROM SH FG	TO PREFIX	TO CONNECTOR	TO PIN	TO SH FG	WIRE MULTI GROUP	WIRE CODE	WIRE COLOR	WIRE DENT	SPEC INST MISC	SIGNAL	SPEC NO	EQUATION	TERM FACTOR	CKT OR CHIP TYPE	JMPR	LOAD OR POWER PLANE	TEST POINTS AND	TEST POINTS OR	SIGNAL DESCRIPTION	ECO NO
00842		P19	001											SPP										
00843		P19	002											SPP										
00844		P19	003											SPP										
00845		P19	004											SPP										
00846		P19	005											SPP										
00847		P19	006											SPP										
00848		P19	007											SPP										
00849		P19	008											SPP										
00850		P19	009											SPP										
00851		P19	010											SPP										
00852		P19	011											SPP										
18388		P19	012			XA246	07		HF	23D	0		H	SSB22A	01	#L03-001							BIT22 SNSE LINE A*	
18390		P19	013			XA246	13		HG	23D	9		H	SSA22B	01	#L03-002							BIT22 SENSE LINE B	
18392		P19	014			XA246	23		HH	23D	9		H	SSA22C	01	#L03-003							BIT22 SENSE LINE C	
18393		P19	015			XA246	25		HH	23D	0		H	SSB22C	01	#L03-003							BIT22 SNSE LINE C*	
18394		P19	016			XA246	35		HI	23D	0		H	SSB22D	01	#L03-004							BIT22 SNSE LINE D*	
18396		P19	017			XA246	49		HJ	23D	9		H	SSA22E	01	#L03-005							BIT22 SENSE LINE E	
18398		P19	018			XA246	55		HK	23D	9		H	SSA22F	01	#L03-006							BIT22 SENSE LINE F	
18399		P19	019			XA246	57		HK	23D	0		H	SSB22F	01	#L03-006							BIT22 SNSE LINE F*	
18400		P19	020			XA246	71		HL	23D	0		H	SSB22H	01	#L03-007							BIT22 SNSE LINE H*	
18402		P19	021			XA246	72		HM	23D	9		H	SSA22J	01	#L03-008							BIT22 SENSE LINE J	
18404		P19	022			XA245	05		HN	23D	9		H	SSA23A	01	#L03-009							BIT23 SENSE LINE A	
18405		P19	023			XA245	07		HN	23D	0		H	SSB23A	01	#L03-009							BIT23 SNSE LINE A*	
18406		P19	024			XA245	14		HP	23D	0		H	SSB23B	01	#L03-010							BIT23 SNSE LINE B*	
18408		P19	025			XA245	23		HQ	23D	9		H	SSA23C	01	#L03-011							BIT23 SENSE LINE C	
18410		P19	026			XA245	33		HR	23D	9		H	SSA23D	01	#L03-012							BIT23 SENSE LINE D	
18411		P19	027			XA245	35		HR	23D	0		H	SSB23D	01	#L03-012							BIT23 SNSE LINE D*	
00853		P19	028											DNW										
00854		P19	029											DNW										
18412		P19	030			XA245	51		HS	23D	0		H	SSB23E	01	#L03-013							BIT23 SNSE LINE E*	
18414		P19	031			XA245	55		HT	23D	9		H	SSA23F	01	#L03-014							BIT23 SENSE LINE F	
18416		P19	032			XA245	69		HU	23D	9		H	SSA23H	01	#L03-015							BIT23 SENSE LINE H	
18417		P19	033			XA245	71		HU	23D	0		H	SSB23H	01	#L03-015							BIT23 SNSE LINE H*	
18418		P19	034			XA245	74		HV	23D	0		H	SSB23J	01	#L03-016							BIT23 SNSE LINE J*	
18420		P19	035			XA244	05		HW	23D	9		H	SSA24A	01	#L03-017							BIT24 SENSE LINE A	
18422		P19	036			XA244	13		HX	23D	9		H	SSA24B	01	#L03-018							BIT24 SENSE LINE B	
18423		P19	037			XA244	14		HX	23D	0		H	SSB24B	01	#L03-018							BIT24 SNSE LINE B*	
18424		P19	038			XA244	25		HY	23D	0		H	SSB24C	01	#L03-019							BIT24 SNSE LINE C*	
18426		P19	039			XA244	33		HZ	23D	9		H	SSA24D	01	#L03-020							BIT24 SENSE LINE D	
18428		P19	040			XA244	49		IA	23D	9		H	SSA24E	01	#L03-021							BIT24 SENSE LINE E	
18429		P19	041			XA244	51		IA	23D	0		H	SSB24E	01	#L03-021							BIT24 SNSE LINE E*	
18430		P19	042			XA244	57		IB	23D	0		H	SSB24F	01	#L03-022							BIT24 SNSE LINE F*	
18432		P19	043			XA244	69		IC	23D	9		H	SSA24H	01	#L03-023							BIT24 SENSE LINE H	
18434		P19	044			XA244	72		ID	23D	9		H	SSA24J	01	#L03-024							BIT24 SENSE LINE J	
18435		P19	045			XA244	74		ID	23D	0		H	SSB24J	01	#L03-024							BIT24 SNSE LINE J*	
18436		P19	046			XA243	07		IE	23D	0		H	SSB25A	01	#L03-025							BIT25 SNSE LINE A*	
18438		P19	047			XA243	13		IF	23D	9		H	SSA25B	01	#L03-026							BIT25 SENSE LINE B	
18440		P19	048			XA243	23		IG	23D	9		H	SSA25C	01	#L03-027							BIT25 SENSE LINE C	
18441		P19	049			XA243	25		IG	23D	0		H	SSB25C	01	#L03-027							BIT25 SNSE LINE C*	
18442		P19	050			XA243	35		IH	23D	0		H	SSB25D	01	#L03-028							BIT25 SNSE LINE D*	

CONNECTOR P19 CONTINUED ON THE NEXT PAGE ****

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RECORD NUMBER	FROM PREFIX	FROM CONNECTOR	FROM PIN	FROM SH PG	TO PREFIX	TO CONNECTOR	TO PIN	TO SH PG	WIRE MULTI GROUP	WIRE CODE	WIRE COLOR	WIRE IDENT	SPEC INST MISC	SIGNAL	SEQ NO	EQUATION	TERM	FACTOR	CKT OR CHIP TYPE	GRID	LOAD OF POWER PLANE	TEST POINTS ANT	TEST POINTS OF	SIGNAL DESCRIPTION	ECO NO
18444		P19	051			XA243	49		II	23D	9		H	SSA25E	01	#L03-029								BIT25 SENSE LINE E	
18446		P19	052			XA243	55		IJ	23D	9		H	SSA25F	01	#L03-030								BIT25 SENSE LINE F	
18447		P19	053			XA243	57		IJ	23D	0		H	SSB25F	01	#L03-030								BIT25 SNSE LINE F*	
18448		P19	054			XA243	71		IK	23D	0		H	SSB25H	01	#L03-031								BIT25 SNSE LINE H*	
18450		P19	055			XA243	72		IL	23D	9		H	SSA25J	01	#L03-032								BIT25 SENSE LINE J	
00855		P19	056											SPP											
00856		P19	057											SPP											
00857		P19	058											SPP											
00858		P19	059											SPP											
00859		P19	060											SPP											
00860		P19	061											SPP											
00861		P19	062											SPP											
00862		P19	063											SPP											
00863		P19	064											SPP											
00864		P19	065											SPP											
00865		P19	066											SPP											
18389		P19	067			XA246	05		HF	23D	9		H	SSA22A	01	#L03-001								BIT22 SENSE LINE A	
00866		P19	068											SPP											
18391		P19	069			XA246	14		HG	23D	0		H	SSB22B	01	#L03-002								BIT22 SNSE LINE B*	
00867		P19	070											SPP											
18395		P19	071			XA246	33		HI	23D	9		H	SSA22D	01	#L03-004								BIT22 SENSE LINE D	
00868		P19	072											SPP											
18397		P19	073			XA246	51		HJ	23D	0		H	SSB22E	01	#L03-005								BIT22 SNSE LINE E*	
00869		P19	074											SPP											
18401		P19	075			XA246	69		HL	23D	9		H	SSA22H	01	#L03-007								BIT22 SENSE LINE H	
00870		P19	076											SPP											
18403		P19	077			XA246	74		HM	23D	0		H	SSB22J	01	#L03-008								BIT22 SNSE LINE J*	
00871		P19	078											SPP											
18407		P19	079			XA245	13		HP	23D	9		H	SSA23B	01	#L03-010								BIT23 SENSE LINE B	
00872		P19	080											SPP											
18409		P19	081			XA245	25		HQ	23D	0		H	SSB23C	01	#L03-011								BIT23 SNSE LINE C*	
00873		P19	082											SPP											
00874		P19	083											SPP											
00875		P19	084											DNW											
18413		P19	085			XA245	49		HS	23D	9		H	SSA23E	01	#L03-013								BIT23 SENSE LINE E	
00876		P19	086											SPP											
18415		P19	087			XA245	57		HT	23D	0		H	SSB23F	01	#L03-014								BIT23 SNSE LINE F*	
00877		P19	088											SPP											
10419		P19	089			XA245	72		HV	23D	9		H	SSA23J	01	#L03-016								BIT23 SENSE LINE J	
00878		P19	090											SPP											
18421		P19	091			XA244	07		HW	23D	0		H	SSB24A	01	#L03-017								BIT24 SNSE LINE A*	
00879		P19	092											SPP											
18425		P19	093			XA244	23		HY	23D	9		H	SSA24C	01	#L03-019								BIT24 SENSE LINE C	
00880		P19	094											SPP											
18427		P19	095			XA244	35		HZ	23D	0		H	SSB24D	01	#L03-020								BIT24 SNSE LINE D*	
00881		P19	096											SPP											
18431		P19	097			XA244	55		IB	23D	9		H	SSA24F	01	#L03-022								BIT24 SENSE LINE F	
00882		P19	098											SPP											
18433		P19	099			XA244	71		IC	23D	0		H	SSB24H	01	#L03-023								BIT24 SNSE LINE H*	
00883		P19	100											SPP											

CONNECTOR IP19) CONTINUED ON THE NEXT PAGE ****

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RECORD NUMBER	FROM PREFIX	FROM CONNECTOR	FROM PIN	FROM SH FIG	TO PREFIX	TO CONNECTOR	TO PIN	TO SH FIG	WIRE MULTI GROUP	WIRE CODE	WIRE COLOR	WIRE IDENT	SPEC INST SEC	SIGNAL	SEQ NO	EQUATION	TERM	FACTOR	CKT OR CHIP TYPE	GRUP	LOAD OR POWER PLANE	TEST POINTS AND/OR	SIGNAL DESCRIPTION	ECO NO
18437		P19	101			XA243	05		IE	23D	9		H	SSA25A SPP	01	#L03-025							BIT25 SENSE LINE A	
00884		P19	102																					
18439		P19	103			XA243	14		IF	23D	0		H	SSB25B SPP	01	#L03-026							BIT25 SNSE LINE B*	
00885		P19	104																					
18443		P19	105			XA243	33		IH	23D	9		H	SSA25D SPP	01	#L03-028							BIT25 SENSE LINE D	
00886		P19	106																					
18445		P19	107			XA243	51		II	23D	0		H	SSB25E SPP	01	#L03-029							BIT25 SNSE LINE E*	
00887		P19	108																					
18449		P19	109			XA243	69		IK	23D	9		H	SSA25H SPP	01	#L03-031							BIT25 SENSE LINE H	
00888		P19	110																					
18451		P19	111			XA243	74		IL	23D	0		H	SSB25J SPP	01	#L03-032							BIT25 SNSE LINE J*	
00889		P19	112																					

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Litton DATA SYSTEMS

DRAWING NUMBER 149304-880 UNIT ASSEMBLY NO. 149304 REV G INDEX P20

UNIT ASSEMBLY CARD CAGE WIRED, MCU CONNECTOR FILE IDENT T39AMCMU DATE 09-02-82 PAGE 64

RECORD NUMBER	FROM PREFIX	FROM CONNECTOR	FROM PIN	FROM SH FG	TO PREFIX	TO CONNECTOR	TO PIN	TO SH FG	WIRE MULT GROUP	WIRE CODE	WIRE COLOR	WIRE IDENT	SPC INST MISC	SIGNAL	SEC NO	EQUATION	TERM FACTOR	CAT OR CHIP TYPE	GROUP	LOAD OR POWER PLANE	TEST POINTS AND/OR	SIGNAL DESCRIPTION	ECO NO
18276		P20	001			XA148	05		IM	23D	9		H	SSA26A	01	#L01-001						BIT26 SENSE LINE A	
18278		P20	002			XA148	13		IN	23D	9		H	SSA26B	01	#L01-002						BIT26 SENSE LINE B	
18279		P20	003			XA148	14		IN	23D	0		H	SSB26B	01	#L01-002						BIT26 SNSE LINE B*	
18280		P20	004			XA148	25		IP	23D	0		H	SSB26C	01	#L01-003						BIT26 SNSE LINE C*	
18282		P20	005			XA148	33		IQ	23D	9		H	SSA26D	01	#L01-004						BIT26 SENSE LINE D	
18284		P20	006			XA148	49		IR	23D	9		H	SSA26E	01	#L01-005						BIT26 SENSE LINE E	
18285		P20	007			XA148	51		IR	23D	0		H	SSB26E	01	#L01-005						BIT26 SNSE LINE E*	
18286		P20	008			XA148	57		IS	23D	0		H	SSB26F	01	#L01-006						BIT26 SNSE LINE F*	
18288		P20	009			XA148	69		IT	23D	9		H	SSA26H	01	#L01-007						BIT26 SENSE LINE H	
18290		P20	010			XA148	72		IU	23D	9		H	SSA26J	01	#L01-008						BIT26 SENSE LINE J	
18291		P20	011			XA148	74		IU	23D	0		H	SSB26J	01	#L01-008						BIT26 SNSE LINE J*	
00890		P20	012											SPP									
00891		P20	013											SPP									
00892		P20	014											SPP									
00893		P20	015											SPP									
00894		P20	016											SPP									
00895		P20	017											SPP									
00896		P20	018											SPP									
00897		P20	019											SPP									
00898		P20	020											SPP									
00899		P20	021											SPP									
18292		P20	022			XA147	05		IV	23D	9		H	SSA27A	01	#L01-009						BIT27 SENSE LINE A	
18293		P20	023			XA147	07		IV	23D	0		H	SSB27A	01	#L01-009						BIT27 SNSE LINE A*	
18294		P20	024			XA147	14		IW	23D	0		H	SSB27B	01	#L01-010						BIT27 SNSE LINE B*	
18296		P20	025			XA147	23		IX	23D	9		H	SSA27C	01	#L01-011						BIT27 SENSE LINE C	
18298		P20	026			XA147	33		IY	23D	9		H	SSA27D	01	#L01-012						BIT27 SENSE LINE D	
18299		P20	027			XA147	35		IY	23D	0		H	SSB27D	01	#L01-012						BIT27 SNSE LINE D*	
00900		P20	028											DNW									
00901		P20	029											DNW									
18300		P20	030			XA147	51		IZ	23D	0		H	SSB27E	01	#L01-013						BIT27 SNSE LINE E*	
18302		P20	031			XA147	55		JA	23D	9		H	SSA27F	01	#L01-014						BIT27 SENSE LINE F	
18304		P20	032			XA147	69		JB	23D	9		H	SSA27H	01	#L01-015						BIT27 SENSE LINE H	
18305		P20	033			XA147	71		JB	23D	0		H	SSB27H	01	#L01-015						BIT27 SNSE LINE H*	
18306		P20	034			XA147	74		JC	23D	0		H	SSB27J	01	#L01-016						BIT27 SNSE LINE J*	
00902		P20	035											SPP									
00903		P20	036											SPP									
00904		P20	037											SPP									
00905		P20	038											SPP									
00906		P20	039											SPP									
00907		P20	040											SPP									
00908		P20	041											SPP									
00909		P20	042											SPP									
00910		P20	043											SPP									
00911		P20	044											SPP									
00912		P20	045											SPP									
18308		P20	046			XA146	07		JD	23D	0		H	SSB28A	01	#L01-017						BIT28 SNSE LINE A*	
18310		P20	047			XA146	13		JE	23D	9		H	SSA28B	01	#L01-018						BIT28 SENSE LINE B	
18312		P20	048			XA146	23		JF	23D	9		H	SSA28C	01	#L01-019						BIT28 SENSE LINE C	
18313		P20	049			XA146	25		JF	23D	0		H	SSB28C	01	#L01-019						BIT28 SNSE LINE C*	
18314		P20	050			XA146	35		JG	23D	0		H	SSB28D	01	#L01-020						BIT28 SNSE LINE D*	

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DRAWING NUMBER 149304-880 UNIT ASSEMBLY NO. 149304 REV G INDEX P20

UNIT ASSEMBLY CARD CAGE WIRED, MCU CONNECTOR FILE IDENT T39AMCMU DATE 09-02-82 PAGE 65

RECORD NUMBER	FROM PREFIX	FROM CONNECTOR	FROM PIN	FROM SH FG	TO PREFIX	TO CONNECTOR	TO PIN	TO SH FG	WIRE MULTI GROUP	WIRE CODE	WIRE COLOR	WIRE IDENT	SPEC INST MISC	SIGNAL	SEC NO	EQUATION	TERM	FACTOR	CKT OR CHIP TYPE	GROUP	LOAD OR POWER PLANE	TEST POINTS AND	TEST POINTS OR	SIGNAL DESCRIPTION	ECO NO
18316		P20	051			XA146	49		JH	23D	9		H	SSA28E	01	#L01-021								BIT28 SENSE LINE E	
18318		P20	052			XA146	55		JI	23D	9		H	SSA28F	01	#L01-022								BIT28 SENSE LINE F	
18319		P20	053			XA146	57		JI	23D	0		H	SSB28F	01	#L01-022								BIT28 SNSE LINE F*	
18320		P20	054			XA146	71		JJ	23D	0		H	SSB28H	01	#L01-023								BIT28 SNSE LINE H*	
18322		P20	055			XA146	72		JK	23D	9		H	SSA28J	01	#L01-024								BIT28 SENSE LINE J	
00913		P20	056											SPP											
18277		P20	057			XA148	07		IM	23D	0		H	SSB26A	01	#L01-001								BIT26 SNSE LINE A*	
00914		P20	058											SPP											
18281		P20	059			XA148	23		IP	23D	9		H	SSA26C	01	#L01-003								BIT26 SENSE LINE C	
00915		P20	060											SPP											
18283		P20	061			XA148	35		IQ	23D	0		H	SSB26D	01	#L01-004								BIT26 SNSE LINE D*	
00916		P20	062											SPP											
18287		P20	063			XA148	55		IS	23D	9		H	SSA26F	01	#L01-006								BIT26 SENSE LINE F	
00917		P20	064											SPP											
18289		P20	065			XA148	71		IT	23D	0		H	SSB26H	01	#L01-007								BIT26 SNSE LINE H*	
00918		P20	066											SPP											
00919		P20	067											SPP											
00920		P20	068											SPP											
00921		P20	069											SPP											
00922		P20	070											SPP											
00923		P20	071											SPP											
00924		P20	072											SPP											
00925		P20	073											SPP											
00926		P20	074											SPP											
00927		P20	075											SPP											
00928		P20	076											SPP											
00929		P20	077											SPP											
00930		P20	078											SPP											
18295		P20	079			XA147	13		IW	23D	9		H	SSA27B	01	#L01-010								BIT27 SENSE LINE B	
00931		P20	080											SPP											
18297		P20	081			XA147	25		IX	23D	0		H	SSB27C	01	#L01-011								BIT27 SNSE LINE C*	
00932		P20	082											SPP											
00933		P20	083											SPP											
00934		P20	084											DNW											
18301		P20	085			XA147	49		IZ	23D	9		H	SSA27E	01	#L01-013								BIT27 SENSE LINE E	
00935		P20	086											SPP											
18303		P20	087			XA147	57		JA	23D	0		H	SSB27F	01	#L01-014								BIT27 SNSE LINE F*	
00936		P20	088											SPP											
18307		P20	089			XA147	72		JC	23D	9		H	SSA27J	01	#L01-016								BIT27 SENSE LINE J	
00937		P20	090											SPP											
00938		P20	091											SPP											
00939		P20	092											SPP											
00940		P20	093											SPP											
00941		P20	094											SPP											
00942		P20	095											SPP											
00943		P20	096											SPP											
00944		P20	097											SPP											
00945		P20	098											SPP											
00946		P20	099											SPP											
00947		P20	100											SPP											

CONNECTOR P20 CONTINUED ON THE NEXT PAGE ****

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DRAWING NUMBER 149304-880 UNIT ASSEMBLY NO. 149304 REV G INDEX P20

UNIT ASSEMBLY CARD CAGE WIRED, MCU CONNECTOR FILE IDENT T39AMCMU DATE 09-02-82 PAGE 66

RECORD NUMBER	FROM			SH FG	TO			SH FG	WIRE				SPEC INST MISC	SIGNAL	SEQ NO	EQUATION	TERM	FACTOR	CKT OR CHIP TYPE	GRAV	LOAD OR POWER PLANE	TEST POINTS		SIGNAL DESIGNATION	ECO NO
	PREFIX	CONNECTOR	PIN		PREFIX	CONNECTOR	PIN		MULTI GROUP	CODE	COLOR	IDENT										ANG	DP		
18309		P20	101			XA146	05		JD	23D	9		H	SSA28A SPP	01	#L01-017								BIT28 SENSE LINE A	
00948		P20	102																						
18311		P20	103			XA146	14		JE	23D	0		H	SSB28B SPP	01	#L01-018								BIT28 SNSE LINE B*	
00949		P20	104																						
18315		P20	105			XA146	33		JG	23D	9		H	SSA28D SPP	01	#L01-020								BIT28 SENSE LINE D	
00950		P20	106																						
18317		P20	107			XA146	51		JH	23D	0		H	SSB28E SPP	01	#L01-021								BIT28 SNSE LINE E*	
00951		P20	108																						
18321		P20	109			XA146	69		JJ	23D	9		H	SSA28H SPP	01	#L01-023								BIT28 SENSE LINE H	
00952		P20	110																						
18323		P20	111			XA146	74		JK	23D	0		H	SSB28J SPP	01	#L01-024								BIT28 SNSE LINE J*	
00953		P20	112																						

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Litton DATA SYSTEMS

DRAWING NUMBER 149304-880 UNIT ASSEMBLY NO. 149304 REV G INDEX P21

UNIT ASSEMBLY CARD CAGE WIRED, MCU CONNECTOR FILE IDENT T39AMCMU DATE 09-02-82 PAGE 67

RECORD NUMBER	FROM PREFIX	FROM CONNECTOR	FROM PIN	FROM SHLD	TO PREFIX	TO CONNECTOR	TO PIN	TO SHLD	WIRE MOD GROUP	WIRE CODE	WIRE COLOR	WIRE IDENT	SPEC INST SEC	SIGNAL	SEQ NO	EQUATION	TERM FACTOR	CKT OR CHIP TYPE	GPXP	LOAD OR POWER PLANE	TEST POINTS AND/OR		SIGNAL DESCRIPTION	ECO NO
18324		P21	001			XA346	05		JL	23D	9		H	SSA29A	01	#L02-001							BIT29 SENSE LINE A	
18326		P21	002			XA346	13		JM	23D	9		H	SSA29B	01	#L02-002							BIT29 SENSE LINE B	
18327		P21	003			XA346	14		JM	23D	0		H	SSB29B	01	#L02-002							BIT29 SNSE LINE B*	
18328		P21	004			XA346	25		JN	23D	0		H	SSB29C	01	#L02-003							BIT29 SNSE LINE C*	
18330		P21	005			XA346	33		JP	23D	9		H	SSA29D	01	#L02-004							BIT29 SENSE LINE D	
18332		P21	006			XA346	49		JQ	23D	9		H	SSA29E	01	#L02-005							BIT29 SENSE LINE E	
18333		P21	007			XA346	51		JQ	23D	0		H	SSB29E	01	#L02-005							BIT29 SNSE LINE E*	
18334		P21	008			XA346	57		JR	23D	0		H	SSB29F	01	#L02-006							BIT29 SNSE LINE F*	
18336		P21	009			XA346	69		JS	23D	9		H	SSA29H	01	#L02-007							BIT29 SENSE LINE H	
18338		P21	010			XA346	72		JT	23D	9		H	SSA29J	01	#L02-008							BIT29 SENSE LINE J	
18339		P21	011			XA346	74		JT	23D	0		H	SSB29J	01	#L02-008							BIT29 SNSE LINE J*	
00954		P21	012											SPP										
00955		P21	013											SPP										
00956		P21	014											SPP										
00957		P21	015											SPP										
00958		P21	016											SPP										
00959		P21	017											SPP										
00960		P21	018											SPP										
00961		P21	019											SPP										
00962		P21	020											SPP										
00963		P21	021											SPP										
18340		P21	022			XA345	05		JU	23D	9		H	SSA30A	01	#L02-009							BIT30 SENSE LINE A	
18341		P21	023			XA345	07		JU	23D	0		H	SSB30A	01	#L02-009							BIT30 SNSE LINE A*	
18342		P21	024			XA345	14		JV	23D	0		H	SSB30B	01	#L02-010							BIT30 SNSE LINE B*	
18344		P21	025			XA345	23		JW	23D	9		H	SSA30C	01	#L02-011							BIT30 SENSE LINE C	
18346		P21	026			XA345	33		JX	23D	9		H	SSA30D	01	#L02-012							BIT30 SENSE LINE D	
18347		P21	027			XA345	35		JX	23D	0		H	SSB30D	01	#L02-012							BIT30 SNSE LINE D*	
00964		P21	028											DNW										
00965		P21	029											DNW										
18348		P21	030			XA345	51		JY	23D	0		H	SSB30E	01	#L02-013							BIT30 SNSE LINE E*	
18350		P21	031			XA345	55		JZ	23D	9		H	SSA30F	01	#L02-014							BIT30 SENSE LINE F	
18352		P21	032			XA345	69		KA	23D	9		H	SSA30H	01	#L02-015							BIT30 SENSE LINE H	
18353		P21	033			XA345	71		KA	23D	0		H	SSB30H	01	#L02-015							BIT30 SNSE LINE H*	
18354		P21	034			XA345	74		KB	23D	0		H	SSB30J	01	#L02-016							BIT30 SNSE LINE J*	
18356		P21	035			XA344	05		KC	23D	9		H	SSA31A	01	#L02-017							BIT31 SENSE LINE A	
18358		P21	036			XA344	13		KD	23D	9		H	SSA31B	01	#L02-018							BIT31 SENSE LINE B	
18359		P21	037			XA344	14		KD	23D	0		H	SSB31B	01	#L02-018							BIT31 SNSE LINE B*	
18360		P21	038			XA344	25		KE	23D	0		H	SSB31C	01	#L02-019							BIT31 SNSE LINE C*	
18362		P21	039			XA344	33		KF	23D	9		H	SSA31D	01	#L02-020							BIT31 SENSE LINE D	
18364		P21	040			XA344	49		KG	23D	9		H	SSA31E	01	#L02-021							BIT31 SENSE LINE E	
18365		P21	041			XA344	51		KG	23D	0		H	SSB31E	01	#L02-021							BIT31 SNSE LINE E*	
18366		P21	042			XA344	57		KH	23D	0		H	SSB31F	01	#L02-022							BIT31 SNSE LINE F*	
18368		P21	043			XA344	69		KI	23D	9		H	SSA31H	01	#L02-023							BIT31 SENSE LINE H	
18370		P21	044			XA344	72		KJ	23D	9		H	SSA31J	01	#L02-024							BIT31 SENSE LINE J	
18371		P21	045			XA344	74		KJ	23D	0		H	SSB31J	01	#L02-024							BIT31 SNSE LINE J*	
18372		P21	046			XA343	07		KK	23D	0		H	SSB32A	01	#L02-025							BIT32 SNSE LINE A*	
18374		P21	047			XA343	13		KL	23D	9		H	SSA32B	01	#L02-026							BIT32 SENSE LINE B	
18376		P21	048			XA343	23		KM	23D	9		H	SSA32C	01	#L02-027							BIT32 SENSE LINE C	
18377		P21	049			XA343	25		KM	23D	0		H	SSB32C	01	#L02-027							BIT32 SNSE LINE C*	
18378		P21	050			XA343	35		KN	23D	0		H	SSB32D	01	#L02-028							BIT32 SNSE LINE D*	

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DRAWING NUMBER 149304-880 UNIT ASSEMBLY NO. 149304 REV G INDEX P21

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RECORD NUMBER	FROM			SH FC	TO			SH FC	WIRE				SPC INST MISC	SIGNAL	REQ NO	EQUATION	T FRM	FACTOR	CKT OR CHIP TYPE	PROP	LOAD OR POWER PLANE	TEST POINTS	FACTOR	SIGNAL DESCRIPTION	ECO NO
	PREFIX	CONNECTOR	PIN		PREFIX	CONNECTOR	PIN		MULTI GROUP	CODE	COLOR	IDENT													
18380		P21	051			XA343	49		KP	23D	9		H	SSA32E	01	#L02-029								BIT32 SENSE LINE E	
18382		P21	052			XA343	55		KQ	23D	9		H	SSA32F	01	#L02-030								BIT32 SENSE LINE F	
18383		P21	053			XA343	57		KQ	23D	0		H	SSB32F	01	#L02-030								BIT32 SNSE LINE F*	
18384		P21	054			XA343	71		KR	23D	0		H	SSB32H	01	#L02-031								BIT32 SNSE LINE H*	
18386		P21	055			XA343	72		KS	23D	9		H	SSA32J	01	#L02-032								BIT32 SENSE LINE J	
00966		P21	056											SPP											
18325		P21	057			XA346	07		JL	23D	0		H	SSB29A	01	#L02-001								BIT29 SNSE LINE A*	
00967		P21	058											SPP											
18329		P21	059			XA346	23		JN	23D	9		H	SSA29C	01	#L02-003								BIT29 SENSE LINE C	
00968		P21	060											SPP											
18331		P21	061			XA346	35		JP	23D	0		H	SSB29D	01	#L02-004								BIT29 SNSE LINE D*	
00969		P21	062											SPP											
18335		P21	063			XA346	55		JR	23D	9		H	SSA29F	01	#L02-006								BIT29 SENSE LINE F	
00970		P21	064											SPP											
18337		P21	065			XA346	71		JS	23D	0		H	SSB29H	01	#L02-007								BIT29 SNSE LINE H*	
00971		P21	066											SPP											
00972		P21	067											SPP											
00973		P21	068											SPP											
00974		P21	069											SPP											
00975		P21	070											SPP											
00976		P21	071											SPP											
00977		P21	072											SPP											
00978		P21	073											SPP											
00979		P21	074											SPP											
00980		P21	075											SPP											
00981		P21	076											SPP											
00982		P21	077											SPP											
00983		P21	078											SPP											
18343		P21	079			XA345	13		JV	23D	9		H	SSA30B	01	#L02-010								BIT30 SENSE LINE B	
00984		P21	080											SPP											
18345		P21	081			XA345	25		JW	23D	0		H	SSB30C	01	#L02-011								BIT30 SNSE LINE C*	
00985		P21	082											SPP											
00986		P21	083											SPP											
00987		P21	084											DNW											
18349		P21	085			XA345	49		JY	23D	9		H	SSA30E	01	#L02-013								BIT30 SENSE LINE E	
00988		P21	086											SPP											
18351		P21	087			XA345	57		JZ	23D	0		H	SSB30F	01	#L02-014								BIT30 SNSE LINE F*	
00989		P21	088											SPP											
18355		P21	089			XA345	72		KB	23D	9		H	SSA30J	01	#L02-016								BIT30 SENSE LINE J	
00990		P21	090											SPP											
18357		P21	091			XA344	07		KC	23D	0		H	SSB31A	01	#L02-017								BIT31 SNSE LINE A*	
00991		P21	092											SPP											
18361		P21	093			XA344	23		KE	23D	9		H	SSA31C	01	#L02-019								BIT31 SENSE LINE C	
00992		P21	094											SPP											
18363		P21	095			XA344	35		KF	23D	0		H	SSB31D	01	#L02-020								BIT31 SNSE LINE D*	
00993		P21	096											SPP											
18367		P21	097			XA344	55		KH	23D	9		H	SSA31F	01	#L02-022								BIT31 SENSE LINE F	
00994		P21	098											SPP											
18369		P21	099			XA344	71		KI	23D	0		H	SSB31H	01	#L02-023								BIT31 SNSE LINE H*	
00995		P21	100											SPP											
CONNECTOR P21) CONTINUED ON THE NEXT PAGE ****																									

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DRAWING NUMBER 149304-880 UNIT ASSEMBLY NO. 149304 REV G INDEX P21

UNIT ASSEMBLY CARD CAGE WIRED, MCU CONNECTOR FILE IDENT T39AMCMU DATE 09-02-82 PAGE 69

RECORD NUMBER	FROM PREFIX	FROM CONNECTOR	FROM PIN	FROM SH FG	TO PREFIX	TO CONNECTOR	TO PIN	TO SH FG	WIRE MULTI GROUP	WIRE CODE	WIRE COLOR	WIRE IDENT	SPC INST MISC	SIGNAL	SPC NO	EQUATION	TERM	TERM FACTOR	CNT OR COMP TYPE	GROUP	LOAD OR POWER FLAG	TEST POINTS AND	TEST POINTS OR	SIGNAL DESCRIPTION	ECO NO
18373		P21	101			XA343	05		KK	23D	9		H	SSA32A	01	#L02-025								BIT32 SENSE LINE A	
00996		P21	102											SPP											
18375		P21	103			XA343	14		KL	23D	0		H	SSB32B	01	#L02-026								BIT32 SNSE LINE B*	
00997		P21	104											SPP											
18379		P21	105			XA343	33		KN	23D	9		H	SSA32D	01	#L02-028								BIT32 SENSE LINE D	
00998		P21	106											SPP											
18381		P21	107			XA343	51		KP	23D	0		H	SSB32E	01	#L02-029								BIT32 SNSE LINE E*	
00999		P21	108											SPP											
18385		P21	109			XA343	69		KR	23D	9		H	SSA32H	01	#L02-031								BIT32 SENSE LINE H	
01000		P21	110											SPP											
18387		P21	111			XA343	74		KS	23D	0		H	SSB32J	01	#L02-032								BIT32 SNSE LINE J*	
01001		P21	112											SPP											

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RECORD NUMBER	FROM PREFIX	FROM CONNECTOR	FROM PIN	FROM SHEET	TO PREFIX	TO CONNECTOR	TO PIN	TO SHEET	WIRE MULTI GROUP	WIRE CODE	WIRE COLOR	WIRE IDENT	SPEC INST MISC	SIGNAL	SEQ NO	EQUATION	TERM FACTOR	NET OR CHIP TYPE	GROUP	LOAD OF POWER PLANE	TEST POINTS AND OR	SIGNAL DESCRIPTION	ECO NO
01002		P22	001											SPP									
01003		P22	002											SPP									
01004		P22	003											SPP									
01005		P22	004											SPP									
01006		P22	005											SPP									
01007		P22	006											SPP									
01008		P22	007											SPP									
01009		P22	008											SPP									
18175		P22	009			XA537	56			2BD	9		H	SXSS47	00	#B36-001						WORD BUS 47	
18176		P22	010			XA536	56			2BD	9		H	SXSS45	00	#B36-002						WORD BUS 45	
18177		P22	011			XA537	15			2BD	9		H	SXSS43	00	#B36-003						WORD BUS 43	
18178		P22	012			XA537	31			2BD	9		H	SXSS41	00	#B36-004						WORD BUS 41	
18179		P22	013			XA535	56			2BD	9		H	SXSS39	00	#B36-005						WORD BUS 39	
18180		P22	014			XA535	73			2BD	9		H	SXSS37	00	#B36-006						WORD BUS 37	
18181		P22	015			XA534	31			2BD	9		H	SXSS35	00	#B36-007						WORD BUS 35	
18182		P22	016			XA534	15			2BD	9		H	SXSS33	00	#B36-008						WORD BUS 33	
01010		P22	017											SPP									
01011		P22	018											SPP									
18183		P22	019			XA540	80			2BD	9		H	SXCC63	01	#B36-009						WORD CM CATH L63	
18184		P22	020			XA541	60			2BD	9		H	SXCA63	01	#B36-010						WORD CM ANODE L63	
18185		P22	021			XA540	78			2BD	9		H	SXCC62	01	#B36-011						WORD CM CATH L62	
01012		P22	022											SPP									
18186		P22	023			XA541	62			2BD	9		H	SXCA62	01	#B36-012						WORD CM ANODE L62	
18187		P22	024			XA541	80			2BD	9		H	SXCC61	01	#B36-013						WORD CM CATH L61	
18188		P22	025			XA540	60			2BD	9		H	SXCA61	01	#B36-014						WORD CM ANODE L61	
01013		P22	026											SPP									
01014		P22	027											SPP									
01015		P22	028											DNW									
01016		P22	029											DNW									
01017		P22	030											SPP									
01018		P22	031											SPP									
18189		P22	032			XA541	78			2BD	9		H	SXCC60	01	#B36-015						WORD CM CATH L60	
18190		P22	033			XA540	62			2BD	9		H	SXCA60	01	#B36-016						WORD CM ANODE L60	
01019		P22	034											SPP									
01020		P22	035											SPP									
01021		P22	036											SPP									
01022		P22	037											SPP									
01023		P22	038											SPP									
01024		P22	039											SPP									
01025		P22	040											SPP									
01026		P22	041											SPP									
01027		P22	042											SPP									
01028		P22	043											SPP									
01029		P22	044											SPP									
01030		P22	045											SPP									
01031		P22	046											SPP									
01032		P22	047											SPP									
01033		P22	048											SPP									
01034		P22	049											SPP									
01035		P22	050											SPP									
CONNECTOR P22) CONTINUED ON THE NEXT PAGE ****																							

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RECORD NUMBER	FROM PREFIX	FROM CONNECTOR	FROM PIN	FROM SH FG	TO PREFIX	TO CONNECTOR	TO PIN	TO SH FG	WIRE WIRE LIST GROUP	WIRE CODE	WIRE COLOR	WIRE IDENT	SPEC INST MISC	SIGNAL	SEQ NO	EQUATION	TERM	FACTOR	CKT OR CHIP TYPE	GROUP	LOAD OR POWER PLANE	TEST POINTS AND	TEST POINTS OR	SIGNAL DESCRIPTION	ECO NO
18191		P22	051			XA540	37			2BD	9		H	SXCC59	01	#B36-017								WORD CM CATH L59	
18192		P22	052			XA541	22			2BD	9		H	SXCA59	01	#B36-018								WORD CM ANODE L59	
18193		P22	053			XA540	38			2BD	9		H	SXCC58	01	#B36-019								WORD CM CATH L58	
18194		P22	054			XA541	17			2BD	9		H	SXCA58	01	#B36-020								WORD CM ANODE L58	
18195		P22	055			P22	056			2BD	9		H	SSDETL	01	#B36-021								WRD CURRENT LOOP 2	
01036		P22	056											SSDETL	02										
01037		P22	057											SPP											
01038		P22	058											SPP											
01039		P22	059											SPP											
01040		P22	060											SPP											
01041		P22	061											SPP											
01042		P22	062											SPP											
01043		P22	063											SPP											
01044		P22	064											SPP											
18196		P22	065			XA537	40			2BD	9		H	SXSS46	00	#B36-022								WORD BUS 46	
18197		P22	066			XA536	40			2BD	9		H	SXSS44	00	#B36-023								WORD BUS 44	
18198		P22	067			XA536	19			2BD	9		H	SXSS42	00	#B36-024								WORD BUS 42	
18199		P22	068			XA536	14			2BD	9		H	SXSS40	00	#B36-025								WORD BUS 40	
18200		P22	069			XA535	40			2BD	9		H	SXSS38	00	#B36-026								WORD BUS 38	
18201		P22	070			XA534	40			2BD	9		H	SXSS36	00	#B36-027								WORD BUS 36	
18202		P22	071			XA534	19			2BD	9		H	SXSS34	00	#B36-028								WORD BUS 34	
18203		P22	072			XA534	14			2BD	9		H	SXSS32	00	#B36-029								WORD BUS 32	
18204		P22	073			XA539	80			2BD	9		H	SXCC53	01	#B36-030								WORD CM CATH L53	
18205		P22	074			XA538	60			2BD	9		H	SXCA53	01	#B36-031								WORD CM ANODE L53	
18206		P22	075			XA538	17			2BD	9		H	SXCA48	01	#B36-032								WORD CM ANODE L48	
18207		P22	076			XA539	38			2BD	9		H	SXCC48	01	#B36-033								WORD CM CATH L48	
01045		P22	077											SPP											
01046		P22	078											SPP											
01047		P22	079											SPP											
01048		P22	080											SPP											
01049		P22	081											SPP											
01050		P22	082											SPP											
01051		P22	083											SPP											
01052		P22	084											DNW											
01053		P22	085											DNW											
18208		P22	086			XA538	78			2BD	9		H	SXCC54	01	#B36-034								WORD CM CATH L54	
18209		P22	087			XA539	62			2BD	9		H	SXCA54	01	#B36-035								WORD CM ANODE L54	
18210		P22	088			XA538	22			2BD	9		H	SXCA49	01	#B36-036								WORD CM ANODE L49	
18211		P22	089			XA539	37			2BD	9		H	SXCC49	01	#B36-037								WORD CM CATH L49	
18212		P22	090			XA538	80			2BD	9		H	SXCC55	01	#B36-038								WORD CM CATH L55	
18213		P22	091			XA539	60			2BD	9		H	SXCA55	01	#B36-039								WORD CM ANODE L55	
18214		P22	092			XA539	17			2BD	9		H	SXCA50	01	#B36-040								WORD CM ANODE L50	
18215		P22	093			XA538	38			2BD	9		H	SXCC50	01	#B36-041								WORD CM CATH L50	
01054		P22	094											SPP											
01055		P22	095											SPP											
01056		P22	096											SPP											
01057		P22	097											SPP											
01058		P22	098											SPP											
18216		P22	099			XA541	38			2BD	9		H	SXCC56	01	#B36-042								WORD CM CATH L56	
18217		P22	100			XA540	17			2BD	9		H	SXCA56	01	#B36-043								WORD CM ANODE L56	
CONNECTOR P22																									

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UNIT ASSEMBLY CARD CAGE WIRED, MCU CONNECTOR FILE IDENT T39AMCMU DATE 09-02-82 PAGE 72

RECORD NUMBER	FROM PREFIX	FROM CONNECTOR	FROM PIN	FROM SH FG	TO PREFIX	TO CONNECTOR	TO PIN	TO SH FG	WIRE MULT GROUP	WIRE CODE	WIRE COLOR	WIRE IDENT	SPEC TEST MISC	SIGNAL	SEC NO	EQUATION	TERM FACTOR	CKT OR CHIP TYPE	GROUP	LOAD OR POWER PLANE	TEST POINTS	ANCHOR	SIGNAL DESCRIPTION	ECO NO
01059		P22	101											SPP										
01060		P22	102											SPP										
18218		P22	103			XA539	22			28D	9		H	SXCA51	01	#B36-044							WORD CM ANODE L51	
18219		P22	104			XA538	37			28D	9		H	SXCC51	01	#B36-045							WORD CM CATH L51	
18220		P22	105			XA541	37			28D	9		H	SXCC57	01	#B36-046							WORD CM CATH L57	
18221		P22	106			XA540	22			28D	9		H	SXCA57	01	#B36-047							WORD CM ANODE L57	
18222		P22	107			XA538	62			28D	9		H	SXCA52	01	#B36-048							WORD CM ANODE L52	
18223		P22	108			XA539	78			28D	9		H	SXCC52	01	#B36-049							WORD CM CATH L52	
00133		P22	109											SPP										
01061		P22	110											SPP										
01062		P22	111											SPP										
01063		P22	112											SPP										
01065		XA104	01											SPP										
01066		XA104	02											SPP										
01067		XA104	03										K	SSRT1A	01									
01068		XA104	03											SSRT1A	03									
01069		XA104	04			XA104	06			16B	9			SSRT1B2A	01									
01070		XA104	05			XA104	07			16B	9			SSRT2B3A	01									
17769		XA104	06			P05	056		AB	23D	0		H	SSRT1B2A	02	#B20-010								
17652		XA104	07			P08	112		AC	23D	9		H	SSRT2B3A	02	#B15-018								
01071		XA104	08			XA104	10			16B	9			SSRT3B4A	01								THERMISTOR JUMPER4	
01072		XA104	09										K	SSRT4B	02									
01073		XA104	09											SSRT4B	04									
17401		XA104	10			P11	056		AD	23D	0		H	SSRT3B4A	02	#B06-010								
01074		XA104	11											SPP										
01075		XA104	12											SPP										
01076		XA104	13											SPP										
01077		XA104	14											SPP										
01078		XA104	15											SPP										
01079		XA104	16											SPP										
01080		XA104	17											SPP										
01081		XA104	18											SPP										
01082		XA104	19											SPP										
01083		XA104	20											SPP										
01084		XA104	21											SPP										
01085		XA104	22											SPP										
01086		XA104	23											SPP										
01087		XA104	24											SPP										
01088		XA104	25											SPP										
01089		XA104	26											SPP										
01090		XA104	27											SPP										
01091		XA104	28											SPP										
01092		XA104	29											SPP										
01093		XA104	30											SPP										
01094		XA104	31											SPP										
01095		XA104	32											SPP										
01096		XA104	33											SPP										
01097		XA104	34											SPP										
CONNECTOR XA104) CONTINUED ON THE NEXT PAGE ****																								

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DRAWING NUMBER 149304-880 **UNIT ASSEMBLY NO. 149304** **REV G** **INDEX XA104**

UNIT ASSEMBLY CARD CAGE WIRED, MCU CONNECTOR **FILE IDENT T39AMCMU** **DATE 09-02-82** **PAGE 73**

RECORD NUMBER	FROM				TO				WIRE					SIGNAL	SPC NO	EQUATION	TERM	FACTOR	CKT OR CHIP TYPE	GROUP	LOAD OR POWER PLANE	TEST POINTS		SIGNAL DESCRIPTION	ECO NO
	PREFIX	CONNECTOR	PIN	SHIELD	PREFIX	CONNECTOR	PIN	SHIELD	MULTI GROUP	CODE	COLOR	IDENT	SPEC INST NO.									AND	OR		
01098		XA104	35											SPP											
01099		XA104	36											SPP											
01100		XA104	37											SPP											
01101		XA104	38											SPP											
01102		XA104	39											SPP											
01103		XA104	40											SPP											
01104		XA104	41											SPP											
01105		XA104	42											SPP											
01106		XA104	43											SPP											
01107		XA104	44											SPP											
01108		XA104	45											SPP											
01109		XA104	46											SPP											
01110		XA104	47											SPP											
01111		XA104	48											SPP											
01112		XA104	49											SPP											
01113		XA104	50											SPP											
01114		XA104	51											SPP											
01115		XA104	52											SPP											
01116		XA104	53											SPP											
01117		XA104	54											SPP											
01118		XA104	55											SPP											
01119		XA104	56											SPP											
01120		XA104	57											SPP											
01121		XA104	58											SPP											
01122		XA104	59											SPP											
01123		XA104	60											SPP											
01124		XA104	61											SPP											
01125		XA104	62											SPP											
01126		XA104	63											SPP											
01127		XA104	64											SPP											
01128		XA104	65											SPP											
01129		XA104	66											SPP											
01130		XA104	67											SPP											
01131		XA104	68											SPP											
01132		XA104	69											SPP											
01133		XA104	70											SPP											
01134		XA104	71											SPP											
01135		XA104	72											SPP											
01136		XA104	73											SPP											
01137		XA104	74											SPP											
01138		XA104	75											SPP											
01139		XA104	76											SPP											
01140		XA104	77											SPP											
01141		XA104	78											SPP											
01142		XA104	79											SPP											
01143		XA104	80											SPP											
01144		XA105	01											SPP											
01145		XA105	02											SPP											
CONNECTOR (XA105) CONTINUED ON THE NEXT PAGE ****																									

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UNIT ASSEMBLY CARD CAGE WIRED, MCU CONNECTOR FILE IDENT T39AMCMU DATE 09-02-82 PAGE 74

RECORD NUMBER	FROM PREFIX	FROM CONNECTOR	FROM PIN	FROM SH FG	TO PREFIX	TO CONNECTOR	TO PIN	TO SH FG	WIRE MULT-GROUP	WIRE CODE	WIRE COLOR	WIRE IDENT	SPC INST MISC	SIGNAL	SEQ NO	EQUATION	TERM	FACTOR	CKT OR CHIP TYPE	GROUP	LOAD OF PCWB PLANE	TEST POINTS AND	TEST POINTS OF	SIGNAL DESCRIPTION	ECO NO
01146		XA105	03											SPP											
01147		XA105	04											SPP											
01148		XA105	05											SPP											
01149		XA105	06											SPP											
01150		XA105	07											SPP											
01151		XA105	08											SPP											
01152		XA105	09											SPP											
01153		XA105	10											SPP											
01154		XA105	11											SPP											
01155		XA105	12											SPP											
01156		XA105	13											SPP											
01157		XA105	14											SPP											
01158		XA105	15											SPP											
01159		XA105	16											SPP											
01160		XA105	17											SPP											
01161		XA105	18											SPP											
01162		XA105	19											SPP											
01163		XA105	20											SPP											
01164		XA105	21											SPP											
01165		XA105	22											SPP											
01166		XA105	23											SPP											
01167		XA105	24											SPP											
01168		XA105	25											SPP											
01169		XA105	26											SPP											
01170		XA105	27											SPP											
01171		XA105	28											SPP											
01172		XA105	29											SPP											
01173		XA105	30											SPP											
01174		XA105	31											SPP											
01175		XA105	32											SPP											
01176		XA105	33											SPP											
01177		XA105	34											SPP											
01178		XA105	35											SPP											
01179		XA105	36											SPP											
01180		XA105	37											SPP											
01181		XA105	38											SPP											
01182		XA105	39											SPP											
01183		XA105	40											SPP											
01184		XA105	41											SPP											
01185		XA105	42											SPP											
01186		XA105	43											SPP											
01187		XA105	44											SPP											
01188		XA105	45											SPP											
01189		XA105	46											SPP											
01190		XA105	47											SPP											
01191		XA105	48											SPP											
01192		XA105	49											SPP											
01193		XA105	50											SPP											
01194		XA105	51											SPP											
01195		XA105	52											SPP											
CONNECTOR (XA105) CONTINUED ON THE NEXT PAGE ***																									

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RECORD NUMBER	FROM PREFIX	FROM CONNECTOR	FROM PIN	FROM SH FG	TO PREFIX	TO CONNECTOR	TO PIN	TO SH FG	WIRE MULTI GROUP	WIRE CODE	WIRE COLOR	WIRE IDENT	SPEC INST MARK	SIGNAL	SEQ NO	EQUATION	TERM	FACTOR	CKT OR CHIP TYPE	GROUP	LOAD OR POWER PLANE	TEST POINTS AND	TEST POINTS OR	SIGNAL DESCRIPTION	ECO NO
01196		XA105	53											SPP											
01197		XA105	54											SPP											
01198		XA105	55											SPP											
01199		XA105	56											SPP											
01200		XA105	57											SPP											
01201		XA105	58											SPP											
01202		XA105	59											SPP											
01203		XA105	60											SPP											
01204		XA105	61											SPP											
01205		XA105	62											SPP											
01206		XA105	63											SPP											
01207		XA105	64											SPP											
01208		XA105	65											SPP											
01209		XA105	66											SPP											
01210		XA105	67											SPP											
01211		XA105	68											SPP											
01212		XA105	69											SPP											
01213		XA105	70											SPP											
01214		XA105	71											SPP											
01215		XA105	72											SPP											
01216		XA105	73											SPP											
01217		XA105	74											SPP											
01218		XA105	75											SPP											
01219		XA105	76											SPP											
01220		XA105	77											SPP											
01221		XA105	78											SPP											
01222		XA105	79											SPP											
01223		XA105	80											SPP											
01224		XA106	01			XA106	32			16B	9			GND101	01				MTS						
01225		XA106	02			XA106	04			16B	9			GND104	03				MTS						
01226		XA106	02											GND					MTS						
01227		XA106	03			XA106	44			16B	9			GND102	01				MTS						
01228		XA106	04											GND104	04				MTS						
01229		XA106	05											+23VDC	02				MTS						
01230		XA106	06			XA106	05			18D	2			+23VDC	34				MTS						
01231		XA106	06			XA518	35			18D	2			+23VDC	01				MTS						
01232		XA106	07			XA242	50			16B	9			MCOSCA1	03				MTS						
01233		XA106	08			XA106	16			16B	9			MCOSGA	01				MTS					MTS OSC CONT GND	
01234		XA106	09											PWLMPB4	02				MTS						
01235		XA106	10			XA315	71			16B	9			PWLPTB4	005				MTS						
01236		XA106	11											SPP	01				MTS					MTS OSC. CONTROL	
01237		XA106	12											+5V	01				MTS						
01238		XA106	13											MDDINA	02				MTS						
01239		XA106	14			XA238	48			16B	9			MDDIMA	01				MTS						
01240		XA106	15											SPP	01				MTS						
01241		XA106	16											GND	01				MTS						
01242		XA106	16											MCOSGA	02				MTS						
01243		XA106	17											SPP	01				MTS						
CONNECTOR (XA106) CONTINUED ON THE NEXT PAGE ****																									

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DRAWING NUMBER 149304-880 UNIT ASSEMBLY NO. 149304 REV G INDEX XA106

UNIT ASSEMBLY CARD CAGE WIRED, MCU CONNECTOR FILE IDENT T39AMCMU DATE 09-02-82 PAGE 76

RECORD NUMBER	FROM			SH FG	TO			SH FG	WIRE				SPEC INST MISC	SIGNAL	SEQ NO	EQUATION	TERM	CAVITY	CKT OR TERM TYPE	GROUP	QUAD OR POWER PLANE	TEST POINTS ANT	TEST POINTS OR	SIGNAL DESCRIPTION	ECO NO
	PREFIX	CONNECTOR	PIN		PREFIX	CONNECTOR	PIN		MULTI GROUP	CODE	COLOR	IDENT													
01244		XA106	18											SPP	01				MTS						
01245		XA106	19											SPP	01				MTS						
01246		XA106	20											SPP	01				MTS						
01247		XA106	21			J01	D1			18D	2			+05RES1	01				MTS						
01248		XA106	22											SPP	01				MTS						
01249		XA106	23											SPP	01				MTS						
01250		XA106	24											SPP	01				MTS						
01251		XA106	25											SPP	01				MTS						
01252		XA106	26			XA106	39			18D	2			+05RES	01				MTS						
01253		XA106	26			XA342	03			18D	2			+05RES	85				MTS						
01254		XA106	27											SPP	01				MTS						
01255		XA106	28											+05VLS	02				MTS						
01256		XA106	28											+5V					MTS						
01257		XA106	29											SPP	01				MTS						
01258		XA106	30											SPP	01				MTS						
01259		XA106	31											SPP	01				MTS						
01260		XA106	32											GND	01				MTS						
01261		XA106	32			XA301	38		VA	23D	0			GND101	02				MTS						
01262		XA106	33											SPP	01				MTS					KEYWAY	G02
01263		XA106	34											SPP	01				MTS					KEYWAY	G02
01264		XA106	35											SPP	01				MTS						
01265		XA106	36			XA203	33		VC	23D	2			+5VPA0	01				MTS						
01266		XA106	37			XA301	37		VA	23D	2			+5VPA	01				MTS						
01267		XA106	38											SPP	02				MTS						
01268		XA106	39			XA106	43			18D	2			+05RES	02				MTS						
01269		XA106	40											MLOR1A	02				MTS						
01270		XA106	41			XA301	51			16B	9			LOGC1B	01				MTS						
01271		XA106	42			XA301	55			16B	9			LOGI0B	01				MTS						
01272		XA106	43			XA146	79			18D	2			+05RES	03				MTS						
01273		XA106	43			XA330	22			18D	2			+05RES	89				MTS						
01274		XA106	44											GND	01				MTS						
01275		XA106	44			XA203	32		VC	23D	0			GND102	02				MTS						
01276		XA106	45			XA106	28			18D	2			+05VLS	01				MTS						
01277		XA106	46											SPP	01				MTS						
01278		XA106	47											SPP	01				MTS						
01279		XA106	48			XA225	65			16B	9			MDDDJA4	00A				MTS					DELAYED INHIBIT*	
01280		XA106	49			XA421	77			16B	9			MDDDGND	01				MTS						
01281		XA106	50											MDDDIA	02				MTS						
01282		XA106	51											SPP	02				MTS						
01283		XA106	52											SPP	01				MTS						
01284		XA106	53											SPP	01				MTS						
01285		XA106	54											SPP	01				MTS						
01286		XA106	55											SPP	01				MTS						
01287		XA106	56											SPP	01				MTS						
01288		XA106	57											SPP	01				MTS						
01289		XA106	58											GND	01				MTS						
01290		XA106	58			XA301	44		VB	23D	0			+5VPBR	02				MTS						
01291		XA106	59											SPP	01				MTS						
01292		XA106	60											SPP	01				MTS						
01293		XA106	61										K	+5VPB0	02				MTS						

CONNECTOR XA106) CONTINUED ON THE NEXT PAGE ****

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DRAWING NUMBER 149304-880 UNIT ASSEMBLY NO. 149304 REV G INDEX XA106

UNIT ASSEMBLY CARD CAGE WIRED, MCU CONNECTOR FILE IDENT T39AMCMU DATE 09-02-82 PAGE 77

RECORD NUMBER	FROM PREFIX	FROM CONNECTOR	FROM PIN	FROM SPEC	TO PREFIX	TO CONNECTOR	TO PIN	TO SPEC	WIRE MULTI GROUP	WIRE CODE	WIRE COLOR	WIRE IDENT	SPEC INST MISC	SIGNAL	SPEC NO	EQUATION	TERM FACTOR	CKT OR CHIP TYPE	GROUP	LOAD OR POWER PLANE	TEST POINTS AND	TEST POINTS OR	SIGNAL DESCRIPTION	ECO NO
01294		XA106	62			XA301	43		VB	23D	2			+5VPB	01			MTS						
01295		XA106	63											SPP	01			MTS						
01296		XA106	64											SPP	01			MTS						
01297		XA106	65											SPP	01			MTS						
01298		XA106	66											SPP	01			MTS						
01299		XA106	67											GND	01			MTS						
01300		XA106	68											SPP	01			MTS						
01301		XA106	69											SPP	01			MTS						
01302		XA106	70											SPP	01			MTS						
01303		XA106	71											SPP	01			MTS						
01304		XA106	72											SPP	01			MTS						
01305		XA106	73											SPP	01			MTS						
01306		XA106	74											SPP	01			MTS						
01307		XA106	75											SPP	01			MTS					KEYWAY	G02
01308		XA106	76											SPP	01			MTS					KEYWAY	G02
01309		XA106	77											SPP	01			MTS						
01310		XA106	78											SPP	01			MTS						
01311		XA106	79											SPP	01			MTS						
01312		XA106	80											SPP	01			MTS						
01313		XA107	01											SPP										
01314		XA107	02											GND										
01315		XA107	03											SPP										
01316		XA107	04											SPP										
01317		XA107	05											SPP										
01318		XA107	06											SPP										
01319		XA107	07											SPP										
01320		XA107	08											SPP										
01321		XA107	09											SPP										
01322		XA107	10											SPP										
01323		XA107	11											SPP										
01324		XA107	12											+5V										
01325		XA107	13											SPP										
01326		XA107	14											SPP										
01327		XA107	15											SPP										
01328		XA107	16											GND										
01329		XA107	17											SPP										
01330		XA107	18											SPP										
01331		XA107	19											SPP										
01332		XA107	20											SPP										
01333		XA107	21											SPP										
01334		XA107	22											SPP										
01335		XA107	23											SPP										
01336		XA107	24											SPP										
01337		XA107	25											SPP										
01338		XA107	26											SPP										
01339		XA107	27											SPP										
01340		XA107	28											+5V										
01341		XA107	29											SPP										

CONNECTOR XA107) CONTINUED ON THE NEXT PAGE ****

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UNIT ASSEMBLY CARD CAGE WIRED, MCU CONNECTOR FILE IDENT T39AMCMU DATE 09-02-82 PAGE 78

RECORD NUMBER	FROM PREFIX	FROM CONNECTOR	FROM PIN	FROM SH FG	TO PREFIX	TO CONNECTOR	TO PIN	TO SH FG	WIRE MULTI GROUP	WIRE CODE	WIRE COLOR	WIRE IDENT	WIRE SPEC INST MISC	SIGNAL	SEQ NO	EQUATION	T-L RM	FACTOR	CKT OR CHA TYPE	GROUP	LOAD OR POWER PLANE	TEST POINTS AND	TEST POINTS OR	SIGNAL DESCRIPTION	ECO NO
01342		XA107	30											SPP											
01343		XA107	31											SPP											
01344		XA107	32											GND											
01345		XA107	33											SPP											
01346		XA107	34											SPP											
01347		XA107	35											SPP											
01348		XA107	36											SPP											
01349		XA107	37											SPP											
01350		XA107	38											SPP											
01351		XA107	39											SPP											
01352		XA107	40											SPP											
01353		XA107	41											SPP											
01354		XA107	42											SPP											
01355		XA107	43											SPP											
01356		XA107	44											GND											
01357		XA107	45											SPP											
01358		XA107	46											SPP											
01359		XA107	47											SPP											
01360		XA107	48											SPP											
01361		XA107	49											SPP											
01362		XA107	50											SPP											
01363		XA107	51											SPP											
01364		XA107	52											SPP											
01365		XA107	53											SPP											
01366		XA107	54											SPP											
01367		XA107	55											SPP											
01368		XA107	56											SPP											
01369		XA107	57											SPP											
01370		XA107	58											GND											
01371		XA107	59											SPP											
01372		XA107	60											SPP											
01373		XA107	61											SPP											
01374		XA107	62											SPP											
01375		XA107	63											SPP											
01376		XA107	64											SPP											
01377		XA107	65											SPP											
01378		XA107	66											SPP											
01379		XA107	67											GND											
01380		XA107	68											SPP											
01381		XA107	69											SPP											
01382		XA107	70											SPP											
01383		XA107	71											SPP											
01384		XA107	72											SPP											
01385		XA107	73											SPP											
01386		XA107	74											SPP											
01387		XA107	75											SPP											
01388		XA107	76											SPP											
01389		XA107	77											SPP											
01390		XA107	78											SPP											
01391		XA107	79											SPP											
CONNECTOR (XA107) CONTINUED ON THE NEXT PAGE ****																									

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DRAWING NUMBER 149304-880 UNIT ASSEMBLY NO. 149304 REV G INDEX XA107

UNIT ASSEMBLY CARD CAGE WIRED, MCU CONNECTOR FILE IDENT T39AMCMU DATE 09-02-82 PAGE 79

RECORD NUMBER	FROM PREFIX	FROM CONNECTOR	FROM PIN	FROM SHIELD	TO PREFIX	TO CONNECTOR	TO PIN	TO SHIELD	WIRE MULT GROUP	WIRE CODE	WIRE COLOR	WIRE IDENT	SPEC INST USE	SIGNAL	SEQ NO	EQUATION	TERM	PARTITION	CKT OR CHIP TYPE	GROUP	LOAD OR POWER PLANE	TEST POINTS AND	TEST POINTS OR	SIGNAL DESCRIPTION	ECO NO
01392		XA107	80											SPP											
01393		XA108	01											SPP	01				VSE						
01394		XA108	02											GND	01				VSE						
01395		XA108	03											SPP	01				VSE						
01396		XA108	04											SPP	01				VSE						
01397		XA108	05											SPP	01				VSE						
01398		XA108	06											SPP	01				VSE						
01399		XA108	07											SPP	01				VSE						
01400		XA108	08											SPP	01				VSE						
01401		XA108	09										K	VARDCD1	04				VSE	VR					
01402		XA108	09											VARDCD1	06				VSE	VR					
01403		XA108	10										K	VARDCD1	02				VSE	VR					
01404		XA108	11											SPP	01				VSE						
01405		XA108	12											+5V	01				VSE						
01406		XA108	13											SPP	01				VSE						
01407		XA108	14											SPP	01				VSE						
01408		XA108	15											SPP	01				VSE						
01409		XA108	16											GND	01				VSE						
01410		XA108	17			XA110	17			16B	9			MCSD06	05				VSE	N1					
01411		XA108	18											SPP	01				VSE						
01412		XA108	19											SPP	01				VSE						
01413		XA108	20											SPP	01				VSE						
01414		XA108	21											MCSD07	09				VSE	N2					
01415		XA108	22											SPP	01				VSE						
01416		XA108	23											SPP	01				VSE						
01417		XA108	24											SPP	01				VSE						
01418		XA108	25											SPP	01				VSE					KEYWAY	
01419		XA108	26											SPP	01				VSE					KEYWAY	
01420		XA108	27											SPP	01				VSE						
01421		XA108	28											+5V	01				VSE						
01422		XA108	29											MCSD08	09				VSE	N3					
01423		XA108	30											SPP	01				VSE						
01424		XA108	31											SPP	01				VSE						
01425		XA108	32											GND	01				VSE						
01426		XA108	33											SPP	01				VSE						
01427		XA108	34											SPP	01				VSE						
01428		XA108	35											SPP	01				VSE						
01429		XA108	36											SPP	01				VSE						
01430		XA108	37											SPP	01				VSE						
01431		XA108	38											SPP	01				VSE						
01432		XA108	39											MCSD09	09				VSE	N4					
01433		XA108	40											SPP	01				VSE						
01434		XA108	41											SPP	01				VSE						
01435		XA108	42											SPP	01				VSE						
01436		XA108	43											SPP	01				VSE						
01437		XA108	44											GND	01				VSE						
01438		XA108	45											SPP	01				VSE						
01439		XA108	46											SPP	01				VSE						
CONNECTOR XA108 CONTINUED ON THE NEXT PAGE ****																									

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DRAWING NUMBER 149304-880 UNIT ASSEMBLY NO. 149304 REV G INDEX XA108

UNIT ASSEMBLY CARD CAGE WIRED, MCU CONNECTOR FILE IDENT T39AMCMU DATE 09-02-82 PAGE 80

RECORD NUMBER	FROM PREFIX	FROM CONNECTOR	FROM PIN	FROM SH FG	TO PREFIX	TO CONNECTOR	TO PIN	TO SH FG	WIRE MULT GROUP	WIRE CODE	WIRE COLOR	WIRE IDENT	SPEC TEST VALUE	SIGNAL	SEC NO	EQUATION	TERM	FACTOR	CKT OR CHIP TYPE	CROP	LOAD OR BOARD PLANE	TEST POINTS ANC	TEST POINTS OR	SIGNAL SPECIFICATION	ECO NO
01440		XA108	47											MCSD22	09				VSE	N5					
01441		XA108	48											SPP	01				VSE						
01442		XA108	49											SPP	01				VSE						
01443		XA108	50											SPP	01				VSE						
01444		XA108	51											SPP	01				VSE				KEYWAY		
01445		XA108	52											SPP	01				VSE				KEYWAY		
01446		XA108	53											SPP	01				VSE						
01447		XA108	54											SPP	01				VSE						
01448		XA108	55											MCSD24	09				VSE	N6					
01449		XA108	56											SPP	01				VSE						
01450		XA108	57											SPP	01				VSE						
01451		XA108	58											GND	01				VSE						
01452		XA108	59											SPP	01				VSE						
01453		XA108	60											SPP	01				VSE						
01454		XA108	61											SPP	01				VSE						
01455		XA108	62											SPP	01				VSE						
01456		XA108	63											MCSD23	09				VSE	N7					
01457		XA108	64											SPP	01				VSE						
01458		XA108	65											SPP	01				VSE						
01459		XA108	66											SPP	01				VSE						
01460		XA108	67											GND	01				VSE						
01461		XA108	68											SPP	01				VSE						
01462		XA108	69											SPP	01				VSE						
01463		XA108	70											SPP	01				VSE						
01464		XA108	71											SPP	01				VSE						
01465		XA108	72											SPP	01				VSE						
01466		XA108	73											SPP	01				VSE						
01467		XA108	74											SPP	01				VSE						
01468		XA108	75											SPP	01				VSE						
01469		XA108	76											SPP	01				VSE						
01470		XA108	77											SPP	01				VSE						
01471		XA108	78											SPP	01				VSE						
01472		XA108	79											SPP	01				VSE						
01473		XA108	80											SPP	01				VSE						
01474		XA109	01											SPP											
01475		XA109	02											GND											
01476		XA109	03											SPP											
01477		XA109	04											SPP											
01478		XA109	05											SPP											
01479		XA109	06											SPP											
01480		XA109	07											SPP											
01481		XA109	08											SPP											
01482		XA109	09											SPP											
01483		XA109	10											SPP											
01484		XA109	11											SPP											
01485		XA109	12											+5V											
01486		XA109	13											SPP											
01487		XA109	14											SPP											
CONNECTOR		XA109	) CONTINUED ON THE NEXT PAGE ****																						

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DRAWING NUMBER 149304-880 UNIT ASSEMBLY NO. 149304 REV G INDEX XA109

UNIT ASSEMBLY CARD CAGE WIRED, MCU CONNECTOR FILE IDENT T39AMCMU DATE 09-02-82 PAGE 81

Litton CARD CAGE WIRED, MCU

RECORD NUMBER	FROM PREFIX	FROM CONNECTOR	FROM PIN	FROM SH FG	TO PREFIX	TO CONNECTOR	TO PIN	TO SH FG	WIRE MULTI GROUP	WIRE CODE	WIRE COLOR	WIRE IDENT	SPEC INST MISC	SIGNAL	SEQ NO	EQUATION	TERM	FACTOR	CKT OR CHIP TYPE	GROUP	LOAD OR POWER PLANE	TEST POINTS AND	TEST POINTS OR	SIGNAL DESCRIPTION	ECO NO
01488		XA109	15											SPP											
01489		XA109	16											GND											
01490		XA109	17											SPP											
01491		XA109	18											SPP											
01492		XA109	19											SPP											
01493		XA109	20											SPP											
01494		XA109	21											SPP											
01495		XA109	22											SPP											
01496		XA109	23											SPP											
01497		XA109	24											SPP											
01498		XA109	25											SPP											
01499		XA109	26											SPP											
01500		XA109	27											SPP											
01501		XA109	28											+5V											
01502		XA109	29											SPP											
01503		XA109	30											SPP											
01504		XA109	31											SPP											
01505		XA109	32											GND											
01506		XA109	33											SPP											
01507		XA109	34											SPP											
01508		XA109	35											SPP											
01509		XA109	36											SPP											
01510		XA109	37											SPP											
01511		XA109	38											SPP											
01512		XA109	39											SPP											
01513		XA109	40											SPP											
01514		XA109	41											SPP											
01515		XA109	42											SPP											
01516		XA109	43											SPP											
01517		XA109	44											GND											
01518		XA109	45											SPP											
01519		XA109	46											SPP											
01520		XA109	47											SPP											
01521		XA109	48											SPP											
01522		XA109	49											SPP											
01523		XA109	50											SPP											
01524		XA109	51											SPP											
01525		XA109	52											SPP											
01526		XA109	53											SPP											
01527		XA109	54											SPP											
01528		XA109	55											SPP											
01529		XA109	56											SPP											
01530		XA109	57											SPP											
01531		XA109	58											GND											
01532		XA109	59											SPP											
01533		XA109	60											SPP											
01534		XA109	61											SPP											
01535		XA109	62											SPP											
01536		XA109	63											SPP											
01537		XA109	64											SPP											

CONNECTOR XA109) CONTINUED ON THE NEXT PAGE ****

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RECORD NUMBER	FROM PREFIX	FROM CONNECTOR	FROM PIN	FROM SH FG	TO PREFIX	TO CONNECTOR	TO PIN	TO SH FG	WIRE MULTI GROUP	WIRE CODE	WIRE COLOR	WIRE IDENT	SPEC INST MISC	SIGNAL	SEQ NO	EQUATION	T FRM	FACTOR	CKT OR CHIP TYPE	GROUP	LOAD OF POWER PLANE	TEST POINTS AND	TEST POINTS OR	SIGNAL DESCRIPTION	ECO NO
01538		XA109	65											SPP											
01539		XA109	66											SPP											
01540		XA109	67											GND											
01541		XA109	68											SPP											
01542		XA109	69											SPP											
01543		XA109	70											SPP											
01544		XA109	71											SPP											
01545		XA109	72											SPP											
01546		XA109	73											SPP											
01547		XA109	74											SPP											
01548		XA109	75											SPP											
01549		XA109	76											SPP											
01550		XA109	77											SPP											
01551		XA109	78											SPP											
01552		XA109	79											SPP											
01553		XA109	80											SPP											
01554		XA110	01											MCSD06	09				SWT	Z1					
01555		XA110	02											GND	01				SWT						
01556		XA110	03			XA112	03			16B	9			MDB0AB	10				SWT	Z1					
01557		XA110	04			XA112	04			16B	9			MDB1AB	02				SWT	Z1					
01558		XA110	05											SPP	01				SWT	Z1					
01559		XA110	06			XA110	37			16B	9			MDW06A	02				SWT	Z1					
01560		XA110	07			XA115	03			16B	9			MDB2AB	13				SWT	Z1					
01561		XA110	08			XA111	08			16B	9			MDR1AB	19				SWT	Z1					
01562		XA110	09			XA111	15			16B	9			06YSS0	01				SWT	Z1					
01563		XA110	10											MDB3AB	20				SWT	Z1					
01564		XA110	11											06YSS1	02				SWT	Z1					
01565		XA110	12											+5V	01				SWT						
01566		XA110	13											06YCA0	02				SWT	Z2					
01567		XA110	14			XA111	14			1BD	2			+12VOLT	002				SWT						
01568		XA110	14			XA110	47			1BD	2			+12VOLT	111				SWT						
01569		XA110	15			XA111	09			16B	9			06YSS2	01				SWT	Z1					
01570		XA110	16											GND	01				SWT						
01571		XA110	17			XA111	17			16B	9			MCSD06	06				SWT	Z2					
01572		XA110	18											06YCA1	02				SWT	Z2					
01573		XA110	19			XA112	19			16B	9			MDA0AB	15				SWT	Z2					
01574		XA110	20			XA112	20			16B	9			MDA1AB	01				SWT	Z2					
01575		XA110	21											06YSS3	02				SWT	Z1					
01576		XA110	22			XA112	22			16B	9			MDA3AB	01				SWT	Z2					
01577		XA110	23			XA111	23			16B	9			MDR0AA	01				SWT	Z2					
01578		XA110	24											06YCC3	02				SWT	Z2					
01579		XA110	25			XA111	25			16B	9			MDWIAB	19				SWT	Z2					
01580		XA110	26											SPP	01				SWT	Z2					
01581		XA110	27											MDA2AB	20				SWT	Z2					
01582		XA110	28											+5V	01				SWT						
01583		XA110	29											SPP	01				SWT					KEYWAY	
01584		XA110	30											SPP	01				SWT					KEYWAY	
01585		XA110	31											06YCC2	02				SWT	Z2					
CONNECTOR XA110) CONTINUED ON THE NEXT PAGE ****																									

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RECORD NUMBER	FROM PREFIX	FROM CONNECTOR	FROM PIN	SHIFT	TO PREFIX	TO CONNECTOR	TO PIN	SHIFT	WIRE MULTI GROUP	WIRE CODE	WIRE COLOR	WIRE IDENT	SPEC INST CODE	SIGNAL	SEQ NO	EQUATION	TERM FACTOR	CKT OR CHIP TYPE	GROUP	LOAD OR POWER PLANE	TEST POINTS AND	TEST POINTS OR	SIGNAL DESCRIPTION	ECO NO
01586		XA110	32											GND	01			SWT						
01587		XA110	33			XA108	17			16B	9			MCSD06	04			SWT	Z3					
01588		XA110	34			XA111	36			16B	9			MDB5AB	01			SWT	Z3					
01589		XA110	35			XA112	35			16B	9			MDB4AB	17			SWT	Z3					
01590		XA110	36											MDB7AB	22			SWT	Z3					
01591		XA110	37			XA111	37			16B	9			MDW06A	03			SWT	Z3					
01592		XA110	38											SPP	01			SWT	Z3					
01593		XA110	39			XA110	08			16B	9			MDRIAB	18			SWT	Z3					
01594		XA110	40											06YSS5	02			SWT	Z3					
01595		XA110	41											SPP	01			SWT				KEYWAY		
01596		XA110	42											SPP	01			SWT				KEYWAY		
01597		XA110	43			XA112	43			16B	9			MDB6AB	07			SWT	Z3					
01598		XA110	44											GND	01			SWT						
01599		XA110	45			XA111	51			16B	9			06YSS4	01			SWT	Z3					
01600		XA110	46											SPP	01			SWT						
01601		XA110	47			XA207	14			18D	2			+12VOLT	024			SWT						
01602		XA110	47										K	+12VOLT	112			SWT						
01603		XA110	48											SPP	01			SWT						
01604		XA110	49											06YCA6	02			SWT	Z4					
01605		XA110	50			XA111	33			16B	9			MCSD06	02			SWT	Z4					
01606		XA110	51			XA111	45			16B	9			06YSS6	01			SWT	Z3					
01607		XA110	52											06YCA7	02			SWT	Z4					
01608		XA110	53											06YSS7	02			SWT	Z3					
01609		XA110	54			XA111	27			16B	9			MDA6AB	16			SWT	Z4					
01610		XA110	55			XA110	25			16B	9			MDWIAB	18			SWT	Z4					
01611		XA110	56			XA111	56			16B	9			MDR06A	03			SWT	Z4					
01612		XA110	57			XA112	57			16B	9			MDA4AB	11			SWT	Z4					
01613		XA110	58											GND	01			SWT						
01614		XA110	59											SPP	01			SWT	Z4					
01615		XA110	60			XA111	22			16B	9			MDA7AB	16			SWT	Z4					
01616		XA110	61											06YCC4	02			SWT	Z4					
01617		XA110	62			XA112	62			16B	9			MDA5AB	07			SWT	Z4					
01618		XA110	63			XA108	63			16B	9			MCSD23	08			SWT	Z5					
01619		XA110	64											06YCC5	02			SWT	Z4					
01620		XA110	65			XA112	70			16B	9			23YSS1	01			SWT						
01621		XA110	66											23YCA1	02			SWT	Z5					
01622		XA110	67											GND	01			SWT						
01623		XA110	68			XA111	57			16B	9			MDA0AB	13			SWT	Z5					
01624		XA110	69											23YCA0	02			SWT	Z5					
01625		XA110	70			XA112	65			16B	9			23YSS3	01			SWT						
01626		XA110	71			XA112	71			16B	9			MDR23A	01			SWT	Z5					
01627		XA110	72			XA112	78			16B	9			MDA1AB	13			SWT	Z5					
01628		XA110	73			XA111	66			16B	9			23YC01	01			SWT				BIT 23 SQ DIODE 1		
01629		XA110	74											SPP	01			SWT	Z5					
01630		XA110	75			XA112	68			16B	9			MDA2AB	07			SWT	Z5					
01631		XA110	76			XA112	76			16B	9			MDWI8B	27			SWT	Z5					
01632		XA110	77											23YCC2	02			SWT	Z5					
01633		XA110	78			XA208	22			16B	9			MDA3AB	14			SWT	Z5					
01634		XA110	79			XA111	80			16B	9			23YCI3	01			SWT				BIT 23 SI DIODE 3		
01635		XA110	80											23YCC3	02			SWT	Z5					

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RECORD NUMBER	FROM PREFIX	FROM CONNECTOR	FROM PIN	FROM SHIELD	TO PREFIX	TO CONNECTOR	TO PIN	TO SHIELD	WIRE MULTI GROUP	WIRE CODE	WIRE COLOR	WIRE IDENT	SPEC LIST MISC	SIGNAL	SEC NO	EQUATION	TERM	FACTOR	CKT OR CHIP TYPE	GROUP	LOAD OR POWER PLANE	TEST POINTS ANCHOR		SIGNAL DESCRIPTION	ECO NO
01636		XA111	01			XA110	01			16B	9			MCSD06	08				SWT	Z1					
01637		XA111	02											GND	01				SWT						
01638		XA111	03			XA110	07			16B	9			MDB2AB	12				SWT	Z1					
01639		XA111	04			XA110	10			16B	9			MDB3AB	19				SWT	Z1					
01640		XA111	05											SPP	01				SWT	Z1					
01641		XA111	06			XA110	06			16B	9			MDW06A	01				SWT	Z1					
01642		XA111	07			XA110	03			16B	9			MDB0AB	09				SWT	Z1					
01643		XA111	08			XA112	08			16B	9			MDR1AB	20				SWT	Z1					
01644		XA111	09											06YSS2	02				SWT	Z1					
01645		XA111	10			XA110	04			16B	9			MDB1AB	01				SWT	Z1					
01646		XA111	11			XA110	21			16B	9			06YSS3	01				SWT	Z1					
01647		XA111	12											+5V	01				SWT						
01648		XA111	13											06YCA4	02				SWT	Z2					
01649		XA111	14			XA112	14			18D	2			+12VOLT	003				SWT						
01650		XA111	15											06YSS0	02				SWT	Z1					
01651		XA111	16											GND	01				SWT						
01652		XA111	17			XA111	01			16B	9			MCSD06	07				SWT	Z2					
01653		XA111	18											06YCA5	02				SWT	Z2					
01654		XA111	19											MDA4AB	22				SWT	Z2					
01655		XA111	20			XA110	62			16B	9			MDA5AB	06				SWT	Z2					
01656		XA111	21			XA110	11			16B	9			06YSS1	01				SWT	Z1					
01657		XA111	22			XA113	22			16B	9			MDA7AB	17				SWT	Z2					
01658		XA111	23			XA110	56			16B	9			MDR06A	02				SWT	Z2					
01659		XA111	24											06YCC7	02				SWT	Z2					
01660		XA111	25			XA112	25			16B	9			MDW1AB	20				SWT	Z2					
01661		XA111	26											SPP	01				SWT	Z2					
01662		XA111	27			XA113	27			16B	9			MDA6AB	17				SWT	Z2					
01663		XA111	28											+5V	01				SWT						
01664		XA111	29											SPP	01				SWT					KEYWAY	
01665		XA111	30											SPP	01				SWT					KEYWAY	
01666		XA111	31											06YCC6	02				SWT	Z2					
01667		XA111	32											GND	01				SWT						
01668		XA111	33			XA110	33			16B	9			MCSD06	03				SWT	Z3					
01669		XA111	34			XA110	36			16B	9			MDB7AB	21				SWT	Z3					
01670		XA111	35			XA110	43			16B	9			MDB6AB	06				SWT	Z3					
01671		XA111	36			XA112	34			16B	9			MDB5AB	02				SWT	Z3					
01672		XA111	37			XA217	27			16B	9			MDW06A	04				SWT	Z3					
01673		XA111	38											SPP	01				SWT	Z3					
01674		XA111	39			XA110	39			16B	9			MDR1AB	17				SWT	Z3					
01675		XA111	40			XA110	53			16B	9			06YSS7	01				SWT	Z3					
01676		XA111	41											SPP	01				SWT					KEYWAY	
01677		XA111	42											SPP	01				SWT					KEYWAY	
01678		XA111	43			XA110	35			16B	9			MDB4AB	16				SWT	Z3					
01679		XA111	44											GND	01				SWT						
01680		XA111	45											06YSS6	02				SWT	Z3					
01681		XA111	46											SPP	01				SWT						
01682		XA111	47			XA110	47			18D	2			+12VOLT	023				SWT						
01683		XA111	48											SPP	01				SWT						
01684		XA111	49											06YCA2	02				SWT	Z4					
01685		XA111	50			XA110	50			16B	9			MCSD06	01				SWT	Z4				BIT 06 VOLT SOURCE	
CONNECTOR XA111) CONTINUED ON THE NEXT PAGE ****																									

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UNIT ASSEMBLY CARD CAGE WIRED, MCU CONNECTOR FILE IDENT T39AMCMU DATE 09-02-82 PAGE 85

RECORD NUMBER	FROM PREFIX	FROM CONNECTOR	FROM PIN	FROM SH TO	TO PREFIX	TO CONNECTOR	TO PIN	TO SH TO	WIRE MULTI GROUP	WIRE CODE	WIRE COLOR	WIRE IDENT	SPEC INST MISC	SIGNAL	SEG NO	EQUATION	TERM	FACTOR	CKT OR CHIP TYPE	GROUP	LOAD OR POWER PLANE	TEST POINTS AND	TEST POINTS OR	SIGNAL DESCRIPTION
01686		XA111	51											06YSS4	02				SWT	Z3				
01687		XA111	52											06YCA3	02				SWT	Z4				
01688		XA111	53			XA110	40			16B	9			06YSS5	01				SWT	Z3				
01689		XA111	54			XA113	54			16B	9			MDA2AB	09				SWT	Z4				
01690		XA111	55			XA110	55			16B	9			MDWIAB	17				SWT	Z4				
01691		XA111	56			XA218	27			16B	9			MDR06A	04				SWT	Z4				
01692		XA111	57			XA110	19			16B	9			MDA0AB	14				SWT	Z4				
01693		XA111	58											GND	01				SWT					
01694		XA111	59											SPP	01				SWT	Z4				
01695		XA111	60			XA112	72			16B	9			MDA3AB	12				SWT	Z4				
01696		XA111	61											06YCC0	02				SWT	Z4				
01697		XA111	62			XA110	72			16B	9			MDA1AB	12				SWT	Z4				
01698		XA111	63			XA110	63			16B	9			MCSD23	07				SWT	Z5				
01699		XA111	64											06YCC1	02				SWT	Z4				
01700		XA111	65			XA113	70			16B	9			23YSS0	01				SWT					
01701		XA111	66											23YC01	02				SWT	Z5				
01702		XA111	67											GND	01				SWT					
01703		XA111	68			XA111	07			16B	9			MDB0AB	08				SWT	Z5				
01704		XA111	69			XA111	73			16B	9			23YC00	01				SWT	Z5				BIT 23 SQ DIODE 0
01705		XA111	70											23YSS2	02				SWT					
01706		XA111	71			XA113	71			16B	9			MDW23A	01				SWT	Z5				
01707		XA111	72			XA206	04			16B	9			MDB1AB	14				SWT	Z5				
01708		XA111	73											23YC00	02				SWT					
01709		XA111	74											SPP	01				SWT	Z5				
01710		XA111	75			XA113	68			16B	9			MDB2AB	07				SWT	Z5				
01711		XA111	76											MDRIB8	29				SWT	Z5				
01712		XA111	77											23YCI2	02				SWT	Z5				
01713		XA111	78			XA113	72			16B	9			MDB3AB	07				SWT	Z5				
01714		XA111	79			XA111	77			16B	9			23YCI2	01				SWT					BIT 23 SI DIODE 2
01715		XA111	80							16B	9			23YCI3	02				SWT	Z5				
01716		XA112	01			XA108	21			16B	9			MCSD07	08				SWT	Z1				
01717		XA112	02											GND	01				SWT					
01718		XA112	03			XA113	07			16B	9			MDB0AB	11				SWT	Z1				
01719		XA112	04			XA114	04			16B	9			MDB1AB	03				SWT	Z1				
01720		XA112	05											SPP	01				SWT	Z1				
01721		XA112	06			XA112	37			16B	9			MDW07A	02				SWT	Z1				
01722		XA112	07			XA111	03			16B	9			MDB2AB	11				SWT	Z1				
01723		XA112	08			XA113	08			16B	9			MDRIAB	21				SWT	Z1				
01724		XA112	09			XA113	15			16B	9			07YSS0	01				SWT	Z1				
01725		XA112	10			XA111	04			16B	9			MDB3AB	18				SWT	Z1				
01726		XA112	11											07YSS1	02				SWT	Z1				
01727		XA112	12											+5V	01				SWT					
01728		XA112	13											07YCA0	02				SWT	Z2				
01729		XA112	14			XA113	14			18D	2			+12VOLT	004				SWT					
01730		XA112	15			XA113	09			16B	9			07YSS2	01				SWT	Z1				
01731		XA112	16											GND	01				SWT					
01732		XA112	17			XA113	17			16B	9			MCSD07	05				SWT	Z2				
01733		XA112	18											07YCA1	02				SWT	Z2				
CONNECTOR (XA112) CONTINUED ON THE NEXT PAGE ****																								

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UNIT ASSEMBLY CARD CAGE WIRED, MCU CONNECTOR FILE IDENT T39AMCMU DATE 09-02-82 PAGE 86

RECORD NUMBER	FROM PREFIX	FROM CONNECTOR	FROM PIN	FROM SH FG	TO PREFIX	TO CONNECTOR	TO PIN	TO SH FG	WIRE MULT GROUP	WIRE CODE	WIRE COLOR	WIRE IDENT	SPEC INST MISC	SIGNAL	SEQ NO	EQUATION	T-TERM	FACTOR	CKT OR CHIP TYPE	GROUP	LOAD OR POWER PLANE	TEST POINTS AND	TEST POINTS OF	SIGNAL DESCRIPTION	ECO NO
01734		XA112	19			XA114	19			16B	9			MDA0AB	16				SWT	Z2					
01735		XA112	20			XA114	20			16B	9			MDA1AB	02				SWT	Z2					
01736		XA112	21											07YSS3	02				SWT	Z1					
01737		XA112	22			XA114	22			16B	9			MDA3AB	02				SWT	Z2					
01738		XA112	23			XA113	23			16B	9			MDR07A	01				SWT	Z2					
01739		XA112	24											07YCC3	02				SWT	Z2					
01740		XA112	25			XA113	25			16B	9			MDWIAB	21				SWT	Z2					
01741		XA112	26											SPP	01				SWT	Z2					
01742		XA112	27			XA110	27			16B	9			MDA2AB	19				SWT	Z2					
01743		XA112	28											+5V	01				SWT						
01744		XA112	29											SPP	01				SWT					KEYWAY	
01745		XA112	30											SPP	01				SWT					KEYWAY	
01746		XA112	31											07YCC2	02				SWT	Z2					
01747		XA112	32											GND	01				SWT						
01748		XA112	33			XA112	17			16B	9			MCSD07	04				SWT	Z3					
01749		XA112	34			XA113	36			16B	9			MDB5AB	03				SWT	Z3					
01750		XA112	35			XA114	35			16B	9			MDB4AB	18				SWT	Z3					
01751		XA112	36			XA111	34			16B	9			MDB7AB	20				SWT	Z3					
01752		XA112	37			XA113	37			16B	9			MDW07A	03				SWT	Z3					
01753		XA112	38											SPP	01				SWT	Z3					
01754		XA112	39			XA111	39			16B	9			MDRIAB	16				SWT	Z3					
01755		XA112	40											07YSS5	02				SWT	Z3					
01756		XA112	41											SPP	01				SWT					KEYWAY	
01757		XA112	42											SPP	01				SWT					KEYWAY	
01758		XA112	43			XA114	43			16B	9			MDB6AB	08				SWT	Z3					
01759		XA112	44											GND	01				SWT						
01760		XA112	45											07YSS4	02				SWT	Z3					
01761		XA112	46											SPP	01				SWT						
01762		XA112	47			XA111	47			18D	2			+12VOLT	022				SWT						
01763		XA112	48											SPP	01				SWT						
01764		XA112	49											07YCA6	02				SWT	Z4					
01765		XA112	50			XA113	33			16B	9			MCSD07	02				SWT	Z4					
01766		XA112	51			XA113	45			16B	9			07YSS6	01				SWT	Z3					
01767		XA112	52											07YCA7	02				SWT	Z4					
01768		XA112	53											07YSS7	02				SWT	Z3					
01769		XA112	54			XA110	54			16B	9			MDA6AB	15				SWT	Z4					
01770		XA112	55			XA111	55			16B	9			MDWIAB	16				SWT	Z4					
01771		XA112	56			XA113	56			16B	9			MDR07A	03				SWT	Z4					
01772		XA112	57			XA114	57			16B	9			MDA4AB	12				SWT	Z4					
01773		XA112	58											GND	01				SWT						
01774		XA112	59											SPP	01				SWT	Z4					
01775		XA112	60			XA110	60			16B	9			MDA7AB	15				SWT	Z4					
01776		XA112	61											07YCC4	02				SWT	Z4					
01777		XA112	62			XA114	72			16B	9			MDA5AB	08				SWT	Z4					
01778		XA112	63			XA111	63			16B	9			MCSD23	06				SWT	Z5					
01779		XA112	64											07YCC5	02				SWT	Z4					
01780		XA112	65											23YSS3	02				SWT						
01781		XA112	66											23YCA3	02				SWT	Z5					
01782		XA112	67											GND	01				SWT						
01783		XA112	68			XA111	54			16B	9			MDA2AB	08				SWT	Z5					

CONNECTOR XA112) CONTINUED ON THE NEXT PAGE ****

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Litton DATA SYSTEMS

DRAWING NUMBER 149304-880 UNIT ASSEMBLY NO. 149304 REV G INDEX XA112

UNIT ASSEMBLY CARD CAGE WIRED, MCU CONNECTOR FILE IDENT T39AMCMU DATE 09-02-82 PAGE 87

RECORD NUMBER	FROM				TO				WIRE				SIGNAL	SEQ NO	EQUATION	TERM	FACTOR	CKT OR CHIP TYPE	GROUP	LOAD OR POWER PLANE	TEST POINTS		SIGNAL DESCRIPTION	ECO NO
	PREFIX	CONNECTOR	PIN	SH FG	PREFIX	CONNECTOR	PIN	SH FG	MULTI GROUP	CODE	COLOR	IDENT	SPEC INST NOTICE									AND	OR	
01784		XA112	69											23YCA2	02			SWT	Z5					
01785		XA112	70											23YSS1	02			SWT						
01786		XA112	71			XA114	71			16B	9			MDR23A	02			SWT	Z5					
01787		XA112	72			XA110	78			16B	9			MDA3AB	13			SWT	Z5					
01788		XA112	73			XA113	66			16B	9			23YC03	01			SWT					BIT 23 SQ DIODE 3	
01789		XA112	74											SPP	01			SWT	Z5					
01790		XA112	75			XA110	68			16B	9			MDA0AB	12			SWT	Z5					
01791		XA112	76			XA114	76			16B	9			MDWIBB	28			SWT	Z5					
01792		XA112	77											23YCC0	02			SWT	Z5					
01793		XA112	78			XA208	20			16B	9			MDA1AB	14			SWT	Z5					
01794		XA112	79			XA113	80			16B	9			23YCI1	01			SWT					BIT 23 SI DIODE 1	
01795		XA112	80											23YCC1	02			SWT	Z5					
01796		XA113	01			XA112	01			16B	9			MCSD07	07			SWT	Z1					
01797		XA113	02											GND	01			SWT						
01798		XA113	03			XA112	07			16B	9			MDB2AB	10			SWT	Z1					
01799		XA113	04			XA112	10			16B	9			MDB3AB	17			SWT	Z1					
01800		XA113	05											SPP	01			SWT	Z1					
01801		XA113	06			XA112	06			16B	9			MDW07A	01			SWT	Z1					
01802		XA113	07			XA114	03			16B	9			MDB0AB	12			SWT	Z1					
01803		XA113	08			XA114	08			16B	9			MDRIAB	22			SWT	Z1					
01804		XA113	09											07YSS2	02			SWT	Z1					
01805		XA113	10			XA113	78			16B	9			MDB1AB	12			SWT	Z1					
01806		XA113	11			XA112	21			16B	9			07YSS3	01			SWT	Z1					
01807		XA113	12											+5V	01			SWT						
01808		XA113	13											07YCA4	02			SWT	Z2					
01809		XA113	14			XA114	14			1BD	2			+12VOLT	005			SWT						
01810		XA113	15											07YSS0	02			SWT	Z1					
01811		XA113	16											GND	01			SWT						
01812		XA113	17			XA113	01			16B	9			MCSD07	06			SWT	Z2					
01813		XA113	18											07YCA5	02			SWT	Z2					
01814		XA113	19			XA111	19			16B	9			MDA4AB	21			SWT	Z2					
01815		XA113	20			XA111	20			16B	9			MDA5AB	05			SWT	Z2					
01816		XA113	21			XA112	11			16B	9			07YSS1	01			SWT	Z1					
01817		XA113	22			XA115	22			16B	9			MDA7AB	18			SWT	Z2					
01818		XA113	23			XA112	56			16B	9			MDR07A	02			SWT	Z2					
01819		XA113	24											07YCC7	02			SWT	Z2					
01820		XA113	25			XA114	25			16B	9			MDWIAB	22			SWT	Z2					
01821		XA113	26											SPP	01			SWT	Z2					
01822		XA113	27			XA115	27			16B	9			MDA6AB	18			SWT	Z2					
01823		XA113	28											+5V	01			SWT						
01824		XA113	29											SPP	01			SWT					KEYWAY	
01825		XA113	30											SPP	01			SWT					KEYWAY	
01826		XA113	31											07YCC6	02			SWT	Z2					
01827		XA113	32											GND	01			SWT						
01828		XA113	33			XA112	33			16B	9			MCSD07	03			SWT	Z3					
01829		XA113	34			XA112	36			16B	9			MDB7AB	19			SWT	Z3					
01830		XA113	35			XA111	35			16B	9			MDB6AB	05			SWT	Z3					
01831		XA113	36			XA114	34			16B	9			MDB5AB	04			SWT	Z3					
CONNECTOR (XA113) CONTINUED ON THE NEXT PAGE ****																								

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DRAWING NUMBER 149304-880 UNIT ASSEMBLY NO. 149304 REV G INDEX XA113

UNIT ASSEMBLY CARD CAGE WIRED, MCU CONNECTOR FILE IDENT T39AMCMU DATE 09-02-82 PAGE 88

RECORD NUMBER	FROM PREFIX	FROM CONNECTOR	FROM PIN	FROM SH FG	TO PREFIX	TO CONNECTOR	TO PIN	TO SH FG	WIRE MULTI GROUP	WIRE CODE	WIRE COLOR	WIRE IDENT	SPEC NEST MISC	SIGNAL	REC NO	EQUATION	TERM	FACTOR	CKT OR CHIP TYPE	GROUP	LOAD OR POWER PLANE	TEST POINTS ANC	TEST POINTS OR	SIGNAL DESCRIPTION	ECO NO
01832		XA113	37			XA217	38			16B	9			MDW07A	04				SWT	Z3					
01833		XA113	38											SPP	01				SWT	Z3					
01834		XA113	39			XA112	39			16B	9			MDR1AB	15				SWT	Z3					
01835		XA113	40			XA112	53			16B	9			07YSS7	01				SWT	Z3					
01836		XA113	41											SPP	01				SWT					KEYWAY	
01837		XA113	42											SPP	01				SWT					KEYWAY	
01838		XA113	43			XA111	43			16B	9			MDB4AB	15				SWT	Z3					
01839		XA113	44											GND	01				SWT						
01840		XA113	45											07YSS6	02				SWT	Z3					
01841		XA113	46											SPP	01				SWT						
01842		XA113	47			XA112	47			18D	2			+12VOLT	021				SWT						
01843		XA113	48											SPP	01				SWT						
01844		XA113	49											07YCA2	02				SWT	Z4					
01845		XA113	50			XA112	50			16B	9			MCSD07	01				SWT	Z4				BIT 07 VOLT SOURCE	
01846		XA113	51			XA112	45			16B	9			07YSS4	01				SWT	Z3					
01847		XA113	52											07YCA3	02				SWT	Z4					
01848		XA113	53			XA112	40			16B	9			07YSS5	01				SWT	Z3					
01849		XA113	54			XA115	54			16B	9			MDA2AB	10				SWT	Z4					
01850		XA113	55			XA112	55			16B	9			MDW1AB	15				SWT	Z4					
01851		XA113	56			XA218	38			16B	9			MDR07A	04				SWT	Z4					
01852		XA113	57			XA112	75			16B	9			MDA0AB	11				SWT	Z4					
01853		XA113	58											GND	01				SWT						
01854		XA113	59											SPP	01				SWT	Z4					
01855		XA113	60			XA111	60			16B	9			MDA3AB	11				SWT	Z4					
01856		XA113	61											07YCC0	02				SWT	Z4					
01857		XA113	62			XA111	62			16B	9			MDA1AB	11				SWT	Z4					
01858		XA113	63			XA112	63			16B	9			MCSD23	05				SWT	Z5					
01859		XA113	64											07YCC1	02				SWT	Z4					
01860		XA113	65			XA111	70			16B	9			23YSS2	01				SWT						
01861		XA113	66											23YC03	02				SWT	Z5					
01862		XA113	67											GND	01				SWT						
01863		XA113	68			XA114	07			16B	9			MDB2AB	08				SWT	Z5					
01864		XA113	69			XA113	73			16B	9			23YC02	01				SWT	Z5				BIT 23 SQ DIODE 2	
01865		XA113	70											23YSS0	02				SWT						
01866		XA113	71			XA115	71			16B	9			MDW23A	02				SWT	Z5					
01867		XA113	72			XA114	10			16B	9			MDB3AB	08				SWT	Z5					
01868		XA113	73											23YC02	02				SWT						
01869		XA113	74											SPP	01				SWT	Z5					
01870		XA113	75			XA111	68			16B	9			MDB0AB	07				SWT	Z5					
01871		XA113	76			XA111	76			16B	9			MDR1BB	28				SWT	Z5					
01872		XA113	77			XA113	79			16B	9			23YC10	01				SWT	Z5				BIT 23 SI DIODE 0	
01873		XA113	78			XA111	72			16B	9			MDB1AB	13				SWT	Z5					
01874		XA113	79											23YC10	02				SWT						
01875		XA113	80											23YC11	02				SWT	Z5					
01876		XA114	01			XA108	29			16B	9			MCSD08	08				SWT	Z1					
01877		XA114	02											GND	01				SWT						
01878		XA114	03			XA115	07			16B	9			MDB0AB	13				SWT	Z1					
01879		XA114	04			XA116	04			16B	9			MDB1AB	04				SWT	Z1					
CONNECTOR XA114) CONTINUED ON THE NEXT PAGE ****																									

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DRAWING NUMBER 149304-880 UNIT ASSEMBLY NO. 149304 REV G INDEX XA114

UNIT ASSEMBLY CARD CAGE WIRED, MCU CONNECTOR FILE IDENT T39AMCMU DATE 09-02-82 PAGE 89

RECORD NUMBER	FROM PREFIX	FROM CONNECTOR	FROM PIN	FROM SHEG	TO PREFIX	TO CONNECTOR	TO PIN	TO SHEG	WIRE MULTI GROUP	WIRE CODE	WIRE COLOR	WIRE IDENT	SPL INST SYM	SIGNAL	SEG NO	EQUATION	TERM	FAB CAT OR CHIP TYPE	GROUP	LOAD OR POWER PLANE	TEST POINTS AND	TEST POINTS ON	SIGNAL DESCRIPTION	ECO NO
01880		XA114	05											SPP	01			SWT	Z1					
01881		XA114	06			XA114	37			16B	9			MDW08A	02			SWT	Z1					
01882		XA114	07			XA113	03			16B	9			MDB2AB	09			SWT	Z1					
01883		XA114	08			XA115	08			16B	9			MDRIAB	23			SWT	Z1					
01884		XA114	09			XA115	15			16B	9			08YSS0	01			SWT	Z1					
01885		XA114	10			XA116	10			16B	9			MDB3AB	09			SWT	Z1					
01886		XA114	11											08YSS1	02			SWT	Z1					
01887		XA114	12											+5V	01			SWT						
01888		XA114	13											08YCA0	02			SWT	Z2					
01889		XA114	14			XA115	14			18D	2			+12VOLT	006			SWT						
01890		XA114	15											08YSS2	02			SWT	Z1					
01891		XA114	16											GND	01			SWT						
01892		XA114	17			XA115	17			16B	9			MCSD08	05			SWT	Z2					
01893		XA114	18											08YCA1	02			SWT	Z2					
01894		XA114	19			XA116	19			16B	9			MDA0AB	17			SWT	Z2					
01895		XA114	20			XA116	20			16B	9			MDA1AB	03			SWT	Z2					
01896		XA114	21											08YSS3	02			SWT	Z1					
01897		XA114	22			XA116	22			16B	9			MDA3AB	03			SWT	Z2					
01898		XA114	23			XA115	23			16B	9			MDR08A	01			SWT	Z2					
01899		XA114	24											08YCC3	02			SWT	Z2					
01900		XA114	25			XA115	25			16B	9			MDWIAB	23			SWT	Z2					
01901		XA114	26											SPP	01			SWT	Z2					
01902		XA114	27			XA112	27			16B	9			MDA2AB	18			SWT	Z2					
01903		XA114	28											+5V	01			SWT						
01904		XA114	29											SPP	01			SWT					KEYWAY	
01905		XA114	30											SPP	01			SWT					KEYWAY	
01906		XA114	31											08YCC2	02			SWT	Z2					
01907		XA114	32											GND	01			SWT						
01908		XA114	33			XA114	17			16B	9			MCSD08	04			SWT	Z3					
01909		XA114	34			XA115	36			16B	9			MDB5AB	05			SWT	Z3					
01910		XA114	35			XA116	35			16B	9			MDB4AB	19			SWT	Z3					
01911		XA114	36			XA113	34			16B	9			MDB7AB	18			SWT	Z3					
01912		XA114	37			XA115	37			16B	9			MDW08A	03			SWT	Z3					
01913		XA114	38											SPP	01			SWT	Z3					
01914		XA114	39			XA113	39			16B	9			MDRIAB	14			SWT	Z3					
01915		XA114	40			XA115	53			16B	9			08YSS5	01			SWT	Z3					
01916		XA114	41											SPP	01			SWT					KEYWAY	
01917		XA114	42											SPP	01			SWT					KEYWAY	
01918		XA114	43			XA116	43			16B	9			MDB6AB	09			SWT	Z3					
01919		XA114	44											GND	01			SWT						
01920		XA114	45											08YSS4	02			SWT	Z3					
01921		XA114	46											SPP	01			SWT						
01922		XA114	47			XA113	47			18D	2			+12VOLT	020			SWT						
01923		XA114	47			XA214	14			18D	2			+12VOLT	115			SWT						
01924		XA114	48											SPP	01			SWT						
01925		XA114	49											08YCA6	02			SWT	Z4					
01926		XA114	50			XA115	33			16B	9			MCSD08	02			SWT	Z4					
01927		XA114	51											08YSS6	02			SWT	Z3					
01928		XA114	52											08YCA7	02			SWT	Z4					
01929		XA114	53			XA115	40			16B	9			08YSS7	01			SWT	Z3					

CONNECTOR XA114 CONTINUED ON THE NEXT PAGE ****

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DRAWING NUMBER 149304-880 UNIT ASSEMBLY NO. 149304 REV G INDEX XA114

UNIT ASSEMBLY CARD CAGE WIRED, MCU CONNECTOR FILE IDENT T39AMCMU DATE 09-02-82 PAGE 90

Litton CARD CAGE WIRED, MCU

RECORD NUMBER	FROM PREFIX	FROM CONNECTOR	FROM PIN	FROM SH FG	TO PREFIX	TO CONNECTOR	TO PIN	TO SH FG	WIRE MULT GROUP	WIRE CODE	WIRE COLOR	WIRE IDENT	SPC INST MISC	SIGNAL	SEQ NO	EQUATION	TERM FACTOR	CKT OR CHIP TYPE	GROUP	USE OF POWER PLANE	TEST POINTS LAND	TEST POINTS OF	SIGNAL DESCRIPTION	ECO NO
01930		XA114	54			XA112	54			16B	9			MDA6AB	14			SWT	Z4					
01931		XA114	55			XA113	55			16B	9			MDWIAB	14			SWT	Z4					
01932		XA114	56			XA115	56			16B	9			MDR08A	03			SWT	Z4					
01933		XA114	57			XA116	57			16B	9			MDA4AB	13			SWT	Z4					
01934		XA114	58											GND	01			SWT						
01935		XA114	59											SPP	01			SWT	Z4					
01936		XA114	60			XA112	60			16B	9			MDA7AB	14			SWT	Z4					
01937		XA114	61											08YCC4	02			SWT	Z4					
01938		XA114	62			XA116	62			16B	9			MDA5AB	10			SWT	Z4					
01939		XA114	63			XA113	63			16B	9			MCSD23	04			SWT	Z5					
01940		XA114	64											08YCC5	02			SWT	Z4					
01941		XA114	65			XA116	70			16B	9			23YSS5	01			SWT						
01942		XA114	66											23YCA5	02			SWT	Z5					
01943		XA114	67											GND	01			SWT						
01944		XA114	68			XA110	57			16B	9			MDA4AB	10			SWT	Z5					
01945		XA114	69											23YCA4	02			SWT	Z5					
01946		XA114	70			XA116	65			16B	9			23YSS7	01			SWT						
01947		XA114	71			XA116	71			16B	9			MDR23A	03			SWT	Z5					
01948		XA114	72			XA114	62			16B	9			MDA5AB	09			SWT	Z5					
01949		XA114	73			XA115	66			16B	9			23YC05	01			SWT					BIT 23 SQ DIODE 5	
01950		XA114	74											SPP	01			SWT	Z5					
01951		XA114	75			XA116	68			16B	9			MDA6AB	07			SWT	Z5					
01952		XA114	76			XA116	76			16B	9			MDWIBB	29			SWT	Z5					
01953		XA114	77											23YCC6	02			SWT	Z5					
01954		XA114	78			XA114	60			16B	9			MDA7AB	13			SWT	Z5					
01955		XA114	79			XA115	80			16B	9			23YCI7	01			SWT					BIT 23 SI DIODE 7	
01956		XA114	80											23YCC7	02			SWT	Z5					
01957		XA115	01			XA114	01			16B	9			MCSD08	07			SWT	Z1					
01958		XA115	02											GND	01			SWT						
01959		XA115	03			XA116	07			16B	9			MDB2AB	14			SWT	Z1					
01960		XA115	04			XA113	04			16B	9			MDB3AB	16			SWT	Z1					
01961		XA115	05											SPP	01			SWT	Z1					
01962		XA115	06			XA114	06			16B	9			MDW08A	01			SWT	Z1					
01963		XA115	07			XA116	03			16B	9			MDB0AB	14			SWT	Z1					
01964		XA115	08			XA116	08			16B	9			MDR1AB	24			SWT	Z1					
01965		XA115	09			XA114	15			16B	9			08YSS2	01			SWT	Z1					
01966		XA115	10			XA113	10			16B	9			MDB1AB	11			SWT	Z1					
01967		XA115	11			XA114	21			16B	9			08YSS3	01			SWT	Z1					
01968		XA115	12											+5V	01			SWT						
01969		XA115	13											08YCA4	02			SWT	Z2					
01970		XA115	14			XA116	14			18D	2			+12VOLT	007			SWT						
01971		XA115	14			XA115	47			18D	2			+12VOLT	113			SWT						
01972		XA115	15											08YSS0	02			SWT	Z1					
01973		XA115	16											GND	01			SWT						
01974		XA115	17			XA115	01			16B	9			MCSD08	06			SWT	Z2					
01975		XA115	18											08YCA5	02			SWT	Z2					
01976		XA115	19			XA113	19			16B	9			MDA4AB	20			SWT	Z2					
01977		XA115	20			XA113	20			16B	9			MDA5AB	04			SWT	Z2					

CONNECTOR XA115) CONTINUED ON THE NEXT PAGE ****

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Litton DATA SYSTEMS

DRAWING NUMBER 149304-880 UNIT ASSEMBLY NO. 149304 REV G INDEX XA115

UNIT ASSEMBLY CARD CAGE WIRED, MCU CONNECTOR FILE IDENT T39AMCMU DATE 09-02-82 PAGE 91

RECORD NUMBER	FROM PREFIX	FROM CONNECTOR	FROM PIN	FROM SHELL	TO PREFIX	TO CONNECTOR	TO PIN	TO SHELL	WIRE MULTI GROUP	WIRE CODE	WIRE COLOR	WIRE IDENT	WIRE SPECIAL	SIGNAL	SIG NO	EQUATION	TERM FACTOR	CKT OR CHIP TYPE	GROP	LOAD OR POWER PLANE	TEST POINTS AND	TEST POINTS OR	SIGNAL DESCRIPTION	ECO NO
01978		XA115	21			XA114	11			16B	9			08YSS1	01			SWT	Z1					
01979		XA115	22			XA117	22			16B	9			MDA7AB	19			SWT	Z2					
01980		XA115	23			XA114	56			16B	9			MDR08A	02			SWT	Z2					
01981		XA115	24											08YCC7	02			SWT	Z2					
01982		XA115	25			XA116	25			16B	9			MDWIAB	24			SWT	Z2					
01983		XA115	26											SPP	01			SWT	Z2					
01984		XA115	27			XA117	27			16B	9			MDA6AB	19			SWT	Z2					
01985		XA115	28											+5V	01			SWT						
01986		XA115	29											SPP	01			SWT					KEYWAY	
01987		XA115	30											SPP	01			SWT					KEYWAY	
01988		XA115	31											08YCC6	02			SWT	Z2					
01989		XA115	32											GND	01			SWT						
01990		XA115	33			XA114	33			16B	9			MCSD08	03			SWT	Z3					
01991		XA115	34			XA114	36			16B	9			MDB7AB	17			SWT	Z3					
01992		XA115	35			XA113	35			16B	9			MDB6AB	04			SWT	Z3					
01993		XA115	36			XA116	34			16B	9			MDB5AB	06			SWT	Z3					
01994		XA115	37			XA217	30			16B	9			MDW08A	04			SWT	Z3					
01995		XA115	38											SPP	01			SWT	Z3					
01996		XA115	39			XA114	39			16B	9			MDRIAB	13			SWT	Z3					
01997		XA115	40											08YSS7	02			SWT	Z3					
01998		XA115	41											SPP	01			SWT					KEYWAY	
01999		XA115	42											SPP	01			SWT					KEYWAY	
02000		XA115	43			XA113	43			16B	9			MDB4AB	14			SWT	Z3					
02001		XA115	44											GND	01			SWT						
02002		XA115	45			XA114	51			16B	9			08YSS6	01			SWT	Z3					
02003		XA115	46											SPP	01			SWT						
02004		XA115	47			XA114	47			18D	2			+12VOLT	019			SWT						
02005		XA115	47										K	+12VOLT	114			SWT						
02006		XA115	48											SPP	01			SWT						
02007		XA115	49											08YCA2	02			SWT	Z4					
02008		XA115	50			XA114	50			16B	9			MCSD08	01			SWT	Z4				BIT 08 VOLT SOURCE	
02009		XA115	51			XA114	45			16B	9			08YSS4	01			SWT	Z3					
02010		XA115	52											08YCA3	02			SWT	Z4					
02011		XA115	53											08YSS5	02			SWT	Z3					
02012		XA115	54			XA117	54			16B	9			MDA2AB	11			SWT	Z4					
02013		XA115	55			XA114	55			16B	9			MDWIAB	13			SWT	Z4					
02014		XA115	56			XA218	30			16B	9			MDR08A	04			SWT	Z4					
02015		XA115	57			XA113	57			16B	9			MDA0AB	10			SWT	Z4					
02016		XA115	58											GND	01			SWT						
02017		XA115	59											SPP	01			SWT	Z4					
02018		XA115	60			XA113	60			16B	9			MDA3AB	10			SWT	Z4					
02019		XA115	61											08YCC0	02			SWT	Z4					
02020		XA115	62			XA113	62			16B	9			MDA1AB	10			SWT	Z4					
02021		XA115	63			XA114	63			16B	9			MCSD23	03			SWT	Z5					
02022		XA115	64											08YCC1	02			SWT	Z4					
02023		XA115	65											23YSS4	02			SWT						
02024		XA115	66											23YC05	02			SWT	Z5					
02025		XA115	67											GND	01			SWT						
02026		XA115	68			XA119	68			16B	9			MDB4AB	08			SWT	Z5					
02027		XA115	69											23YC04	02			SWT	Z5					
CONNECTOR XA115) CONTINUED ON THE NEXT PAGE ****																								

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DRAWING NUMBER 149304-880 UNIT ASSEMBLY NO. 149304 REV G INDEX XA115

UNIT ASSEMBLY CARD CAGE WIRED, MCU CONNECTOR FILE IDENT T39AMCMU DATE 09-02-82 PAGE 92

RECORD NUMBER	FROM PREFIX	FROM CONNECTOR	FROM PIN	FROM SH FG	TO PREFIX	TO CONNECTOR	TO PIN	TO SH FG	WIRE MULTI GROUP	WIRE CODE	WIRE COLOR	WIRE IDENT	SPEC TEST MISC	SIGNAL	SEQ NO	EQUATION	T TERM	FACTOR	CKT OR CKT TYPE	GROUP	LOAD OR PGM PLANE	TEST POINTS ANCTOR	SIGNAL DESCRIPTION	ECO NO
02028		XA115	70											23YSS6	02				SWT					
02029		XA115	71			XA117	71			16B	9			MDW23A	03				SWT	Z5				
02030		XA115	72			XA216	09			16B	9			MDB5AB	16				SWT	Z5				
02031		XA115	73			XA115	69			16B	9			23YC04	01				SWT				BIT 23 SQ DIODE 4	
02032		XA115	74											SPP	01				SWT	Z5				
02033		XA115	75			XA216	14			16B	9			MDB6AB	16				SWT	Z5				
02034		XA115	76			XA113	76			16B	9			MDRIBB	27				SWT	Z5				
02035		XA115	77											23YCI6	02				SWT	Z5				
02036		XA115	78			XA117	72			16B	9			MDB7AB	07				SWT	Z5				
02037		XA115	79			XA115	77			16B	9			23YCI6	01				SWT				BIT 23 SI DIODE 6	
02038		XA115	80											23YCI7	02				SWT	Z5				
02039		XA116	01			XA117	01			16B	9			MCSD09	01				SWT	Z1			BIT 09 VOLT SOURCE	
02040		XA116	02											GND	01				SWT					
02041		XA116	03			XA117	07			16B	9			MDB0AB	15				SWT	Z1				
02042		XA116	04			XA119	10			16B	9			MDB1AB	05				SWT	Z1				
02043		XA116	05											SPP	01				SWT	Z1				
02044		XA116	06			XA116	37			16B	9			MDW09A	02				SWT	Z1				
02045		XA116	07			XA117	03			16B	9			MDB2AB	15				SWT	Z1				
02046		XA116	08			XA117	08			16B	9			MDRIAB	25				SWT	Z1				
02047		XA116	09											09YSS0	02				SWT	Z1				
02048		XA116	10			XA117	04			16B	9			MDB3AB	10				SWT	Z1				
02049		XA116	11											09YSS1	02				SWT	Z1				
02050		XA116	12											+5V	01				SWT					
02051		XA116	13											09YCA0	02				SWT	Z2				
02052		XA116	14			XA117	14			18D	2			+12VOLT	008				SWT					
02053		XA116	15											09YSS2	02				SWT	Z1				
02054		XA116	16											GND	01				SWT					
02055		XA116	17			XA116	33			163	S			MCSD09	04				SWT	Z2				
02056		XA116	18											09YCA1	02				SWT	Z2				
02057		XA116	19			XA118	19			16B	9			MDA0AB	18				SWT	Z2				
02058		XA116	20			XA118	20			16B	9			MDA1AB	04				SWT	Z2				
02059		XA116	21			XA117	11			16B	9			09YSS3	01				SWT	Z1				
02060		XA116	22			XA118	22			16B	9			MDA3AB	04				SWT	Z2				
02061		XA116	23											MDR09A	05				SWT	Z2				
02062		XA116	24											09YCC3	02				SWT	Z2				
02063		XA116	25			XA117	25			16B	9			MDW1AB	25				SWT	Z2				
02064		XA116	26											SPP	01				SWT	Z2				
02065		XA116	27			XA114	27			16B	9			MDA2AB	17				SWT	Z2				
02066		XA116	28											+5V	01				SWT					
02067		XA116	29											SPP	01				SWT				KEYWAY	
02068		XA116	30											SPP	01				SWT				KEYWAY	
02069		XA116	31											09YCC2	02				SWT	Z2				
02070		XA116	32											GND	01				SWT					
02071		XA116	33			XA117	33			16B	9			MCSD09	05				SWT	Z3				
02072		XA116	34			XA117	36			16B	9			MDB5AB	07				SWT	Z3				
02073		XA116	35			XA118	35			16B	9			MDB4AB	20				SWT	Z3				
02074		XA116	36			XA115	34			16B	9			MDB7AB	16				SWT	Z3				
02075		XA116	37			XA117	37			16B	9			MDW09A	03				SWT	Z3				
CONNECTOR XA116) CONTINUED ON THE NEXT PAGE ****																								

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DRAWING NUMBER 149304-880 UNIT ASSEMBLY NO. 149304 REV G INDEX XA116

UNIT ASSEMBLY CARD CAGE WIRED, MCU CONNECTOR FILE IDENT T39AMCMU DATE 09-02-82 PAGE 93

RECORD NUMBER	FROM PREFIX	FROM CONNECTOR	FROM PIN	FROM SH FG	TO PREFIX	TO CONNECTOR	TO PIN	TO SH FG	WIRE MULTI GROUP	WIRE CODE	WIRE COLOR	WIRE IDENT	SPECIAL SIGNAL	SIGNAL	SEQ NO	EQUATION	TERM FACTOR	CKT OR CHIP TYPE	GROUP	LOAD OR POWER PLANE	TEST POINTS AND	TEST POINTS OR	SIGNAL DESCRIPTION	ECO NO
02076		XA116	38											SPP	01			SWT	Z3					
02077		XA116	39			XA115	39			16B	9			MDRIAB	12			SWT	Z3					
02078		XA116	40			XA117	53			16B	9			09YSS5	01			SWT	Z3					
02079		XA116	41											SPP	01			SWT					KEYWAY	
02080		XA116	42											SPP	01			SWT					KEYWAY	
02081		XA116	43			XA118	43			16B	9			MDB6AB	10			SWT	Z3					
02082		XA116	44											GND	01			SWT						
02083		XA116	45											09YSS4	02			SWT	Z3					
02084		XA116	46											SPP	01			SWT						
02085		XA116	47			XA115	47			18D	2			+12VOLT	018			SWT						
02086		XA116	48											SPP	01			SWT						
02087		XA116	49											09YCA6	02			SWT	Z4					
02088		XA116	50			XA117	50			16B	9			MCSD09	07			SWT	Z4					
02089		XA116	51			XA117	45			16B	9			09YSS6	01			SWT	Z3					
02090		XA116	52											09YCA7	02			SWT	Z4					
02091		XA116	53											09YSS7	02			SWT	Z3					
02092		XA116	54			XA114	54			16B	9			MDA6AB	13			SWT	Z4					
02093		XA116	55			XA115	55			16B	9			MDWIAB	12			SWT	Z4					
02094		XA116	56			XA117	23			16B	9			MDR09A	03			SWT	Z4					
02095		XA116	57			XA118	57			16B	9			MDA4AB	14			SWT	Z4					
02096		XA116	58											GND	01			SWT						
02097		XA116	59											SPP	01			SWT	Z4					
02098		XA116	60			XA116	72			16B	9			MDA7AB	11			SWT	Z4					
02099		XA116	61											09YCC4	02			SWT	Z4					
02100		XA116	62			XA116	78			16B	9			MDA5AB	11			SWT	Z4					
02101		XA116	63			XA115	63			16B	9			MCSD23	02			SWT	Z5					
02102		XA116	64											09YCC5	02			SWT	Z4					
02103		XA116	65											23YSS7	02			SWT						
02104		XA116	66											23YCA7	02			SWT	Z5					
02105		XA116	67											GND	01			SWT						
02106		XA116	68			XA118	75			16B	9			MDA6AB	08			SWT	Z5					
02107		XA116	69											23YCA6	02			SWT	Z5					
02108		XA116	70											23YSS5	02			SWT						
02109		XA116	71			XA318	06			16B	9			MDR23A	04			SWT	Z5					
02110		XA116	72			XA114	78			16B	9			MDA7AB	12			SWT	Z5					
02111		XA116	73			XA117	66			16B	9			23YCC7	01			SWT					BIT 23 SQ DIODE 7	
02112		XA116	74											SPP	01			SWT	Z5					
02113		XA116	75			XA114	68			16B	9			MDA4AB	09			SWT	Z5					
02114		XA116	76											MDWIBB	30			SWT	Z5					
02115		XA116	77											23YCC4	02			SWT	Z5					
02116		XA116	78			XA118	72			16B	9			MDA5AB	12			SWT	Z5					
02117		XA116	79											23YCI5	02			SWT						
02118		XA116	80											23YCC5	02			SWT	Z5					
02119		XA117	01			XA117	17			16B	9			MCSD09	02			SWT	Z1					
02120		XA117	02											GND	01			SWT						
02121		XA117	03			XA118	07			16B	9			MDB2AB	16			SWT	Z1					
02122		XA117	04			XA118	10			16B	9			MDB3AB	11			SWT	Z1					
02123		XA117	05											SPP	01			SWT	Z1					

CONNECTOR (XA117) CONTINUED ON THE NEXT PAGE ****

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DRAWING NUMBER 149304-880 UNIT ASSEMBLY NO. 149304 REV G INDEX XA117

UNIT ASSEMBLY CARD CAGE WIRED, MCU CONNECTOR FILE IDENT T39AMCMU DATE 09-02-82 PAGE 94

RECORD NUMBER	FROM				TO				WIRE				SIGNAL	SEQ NO	EQUATION	TERM	FACTOR	CKT OR CHIP TYPE	GROUP	LOAD OR POWER PLANE	TEST POINTS		SIGNAL DESCRIPTION	ECO NO
	PREFIX	CONNECTOR	PIN	SH FG	PREFIX	CONNECTOR	PIN	SH FG	MULTI GROUP	CODE	COLOR	IDENT	SPEC INST MISC								HAND	DP		
02124		XA117	06			XA116	06			16B	9			MDW09A	01				SWT	Z1				
02125		XA117	07			XA118	03			16B	9			MDB0AB	16				SWT	Z1				
02126		XA117	08			XA118	08			16B	9			MDRIAB	26				SWT	Z1				
02127		XA117	09			XA116	15			16B	9			09YSS2	01				SWT	Z1				
02128		XA117	10			XA115	10			16B	9			MDB1AB	10				SWT	Z1				
02129		XA117	11											09YSS3	02				SWT	Z1				
02130		XA117	12											+5V	01				SWT					
02131		XA117	13											09YCA4	02				SWT	Z2				
02132		XA117	14			XA118	14			18D	2			+12VOLT	009				SWT					
02133		XA117	14										K	+12VOLT	154				SWT					
02134		XA117	15			XA116	09			16B	9			09YSS0	01				SWT	Z1				
02135		XA117	16											GND	01				SWT					
02136		XA117	17			XA116	17			16B	9			MCSD09	03				SWT	Z2				
02137		XA117	18											09YCA5	02				SWT	Z2				
02138		XA117	19			XA115	19			16B	9			MDA4AB	19				SWT	Z2				
02139		XA117	20			XA115	20			16B	9			MDA5AB	03				SWT	Z2				
02140		XA117	21			XA116	11			16B	9			09YSS1	01				SWT	Z1				
02141		XA117	22			XA119	22			16B	9			MDA7AB	20				SWT	Z2				
02142		XA117	23			XA116	23			16B	9			MDR09A	04				SWT	Z2				
02143		XA117	24											09YCC7	02				SWT	Z2				
02144		XA117	25			XA118	25			16B	9			MDWIAB	26				SWT	Z2				
02145		XA117	26											SPP	01				SWT	Z2				
02146		XA117	27			XA119	27			16B	9			MDA6AB	20				SWT	Z2				
02147		XA117	28											+5V	01				SWT					
02148		XA117	29											SPP	01				SWT				KEYWAY	
02149		XA117	30											SPP	01				SWT				KEYWAY	
02150		XA117	31											09YCC6	02				SWT	Z2				
02151		XA117	32											GND	01				SWT					
02152		XA117	33			XA116	50			16B	9			MCSD09	06				SWT	Z3				
02153		XA117	34			XA116	36			16B	9			MDB7AB	15				SWT	Z3				
02154		XA117	35			XA115	35			16B	9			MDB6AB	03				SWT	Z3				
02155		XA117	36			XA118	34			16B	9			MDB5AB	08				SWT	Z3				
02156		XA117	37			XA217	33			16B	9			MDW09A	04				SWT	Z3				
02157		XA117	38											SPP	01				SWT	Z3				
02158		XA117	39			XA116	39			16B	9			MDRIAB	11				SWT	Z3				
02159		XA117	40			XA116	53			16B	9			09YSS7	01				SWT	Z3				
02160		XA117	41											SPP	01				SWT				KEYWAY	
02161		XA117	42											SPP	01				SWT				KEYWAY	
02162		XA117	43			XA115	43			16B	9			MDB4AB	13				SWT	Z3				
02163		XA117	44											GND	01				SWT					
02164		XA117	45											09YSS6	02				SWT	Z3				
02165		XA117	46											SPP	01				SWT					
02166		XA117	47			XA116	47			18D	2			+12VOLT	017				SWT					
02167		XA117	47										K	+12VOLT	108				SWT					
02168		XA117	48											SPP	01				SWT					
02169		XA117	49											09YCA2	02				SWT	Z4				
02170		XA117	50			XA108	39			16B	9			MCSD09	08				SWT	Z4				
02171		XA117	51			XA116	45			16B	9			09YSS4	01				SWT	Z3				
02172		XA117	52											09YCA3	02				SWT	Z4				
02173		XA117	53											09YSS5	02				SWT	Z3				
CONNECTOR XA117 CONTINUED ON THE NEXT PAGE ****																								

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DRAWING NUMBER 149304-880 UNIT ASSEMBLY NO. 149304 REV G INDEX XA117

UNIT ASSEMBLY CARD CAGE WIRED, MCU CONNECTOR FILE IDENT T39AMCMU DATE 09-02-82 PAGE 95

RECORD NUMBER	FROM PREFIX	FROM CONNECTOR	FROM PIN	FROM SHTG	TO PREFIX	TO CONNECTOR	TO PIN	TO SHTG	WIRE VOLT GROUP	WIRE CODE	WIRE COLOR	WIRE IDENT	SPEC INST WIRE	SIGNAL	SEQ NO	EQUATION	TERM FACTOR	CKT OR CHIP TYPE	GROUP	LOAD OR POWER PLANE	TEST POINTS AND	TEST POINTS OR	SIGNAL DESCRIPTION	ECO NO
02174		XA117	54			XA119	54			16B	9			MDA2AB	12			SWT	Z4					
02175		XA117	55			XA116	55			16B	9			MDWIAB	11			SWT	Z4					
02176		XA117	56			XA116	56			16B	9			MDR09A	02			SWT	Z4					
02177		XA117	57			XA115	57			16B	9			MDA0AB	09			SWT	Z4					
02178		XA117	58											GND	01			SWT						
02179		XA117	59											SPP	01			SWT	Z4					
02180		XA117	60			XA115	60			16B	9			MDA3AB	09			SWT	Z4					
02181		XA117	61											09YCC0	02			SWT	Z4					
02182		XA117	62			XA115	62			16B	9			MDA1AB	09			SWT	Z4					
02183		XA117	63			XA116	63			16B	9			MCSD23	01			SWT	Z5				BIT 23 VOLT SOURCE	
02184		XA117	64											09YCC1	02			SWT	Z4					
02185		XA117	65			XA115	70			16B	9			23YSS6	01			SWT						
02186		XA117	66											23YC07	02			SWT	Z5					
02187		XA117	67											GND	01			SWT						
02188		XA117	68			XA119	75			16B	9			MDB6AB	14			SWT	Z5					
02189		XA117	69			XA117	73			16B	9			23YC06	01			SWT	Z5				BIT 23 SQ DIODE 6	
02190		XA117	70			XA115	65			16B	9			23YSS4	01			SWT						
02191		XA117	71			XA317	06			16B	9			MDW23A	04			SWT	Z5					
02192		XA117	72			XA119	78			16B	9			MDB7AB	08			SWT	Z5					
02193		XA117	73											23YC06	02			SWT						
02194		XA117	74											SPP	01			SWT	Z5					
02195		XA117	75			XA115	68			16B	9			MDB4AB	07			SWT	Z5					
02196		XA117	76			XA315	46			16B	9			MDRIDB	01			SWT	Z5					
02197		XA117	77			XA117	79			16B	9			23YCI4	01			SWT	Z5				BIT 23 SI DIODE 4	
02198		XA117	78			XA115	72			16B	9			MDB5AB	15			SWT	Z5					
02199		XA117	79											23YCI4	02			SWT						
02200		XA117	80			XA116	79			16B	9			23YCI5	01			SWT	Z5				BIT 23 SI DIODE 5	
02201		XA118	01			XA119	01			16B	9			MCSD22	01			SWT	Z1				BIT 22 VOLT SOURCE	
02202		XA118	02											GND	01			SWT						
02203		XA118	03			XA119	07			16B	9			MDB0AB	17			SWT	Z1					
02204		XA118	04			XA117	10			16B	9			MDB1AB	09			SWT	Z1					
02205		XA118	05											SPP	01			SWT	Z1					
02206		XA118	06			XA118	37			16B	9			MDW22A	02			SWT	Z1					
02207		XA118	07			XA119	03			16B	9			MDB2AB	17			SWT	Z1					
02208		XA118	08			XA119	08			16B	9			MDRIAB	27			SWT	Z1					
02209		XA118	09			XA119	15			16B	9			22YSS0	01			SWT	Z1					
02210		XA118	10			XA120	10			16B	9			MDB3AB	12			SWT	Z1					
02211		XA118	11											22YSS1	02			SWT	Z1					
02212		XA118	12											+5V	01			SWT						
02213		XA118	13											22YCA0	02			SWT	Z2					
02214		XA118	14			XA119	14			1BD	2			+12VOLT	010			SWT						
02215		XA118	15			XA119	09			16B	9			22YSS2	01			SWT	Z1					
02216		XA118	16											GND	01			SWT						
02217		XA118	17			XA118	33			16B	9			MCSD22	04			SWT	Z2					
02218		XA118	18											22YCA1	02			SWT	Z2					
02219		XA118	19			XA120	19			16B	9			MDA0AB	19			SWT	Z2					
02220		XA118	20			XA120	20			16B	9			MDA1AB	05			SWT	Z2					
02221		XA118	21											22YSS3	02			SWT	Z1					
CONNECTOR (XA118) CONTINUED ON THE NEXT PAGE ****																								

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RECORD NUMBER	FROM PREFIX	FROM CONNECTOR	FROM PIN	FROM SHIELD	TO PREFIX	TO CONNECTOR	TO PIN	TO SHIELD	WIRE MULTI GROUP	WIRE CODE	WIRE COLOR	WIRE IDENT	SPEC TEST SIGNAL	SIGNAL	SEQ NO	EQUATION	TERM	FACTOR	CKT OR CHIP TYPE	GROUP	LOAD OR POWER PLANE	TEST POINTS ANC	TEST POINTS OR	SIGNAL DESCRIPTION	ECO NO
02222		XA118	22			XA120	22			16B	9			MDA3AB	05				SWT	Z2					
02223		XA118	23			XA119	23			16B	9			MDR22A	01				SWT	Z2					
02224		XA118	24											22YCC3	02				SWT	Z2					
02225		XA118	25			XA119	25			16B	9			MDW1AB	27				SWT	Z2					
02226		XA118	26											SPP	01				SWT	Z2					
02227		XA118	27			XA116	27			16B	9			MDA2AB	16				SWT	Z2					
02228		XA118	28											+5V	01				SWT						
02229		XA118	29											SPP	01				SWT					KEYWAY	
02230		XA118	30											SPP	01				SWT					KEYWAY	
02231		XA118	31											22YCC2	02				SWT	Z2					
02232		XA118	32											GND	01				SWT						
02233		XA118	33			XA119	33			16B	9			MCSD22	05				SWT	Z3					
02234		XA118	34			XA119	36			16B	9			MDB5AB	09				SWT	Z3					
02235		XA118	35			XA120	35			16B	9			MDB4AB	21				SWT	Z3					
02236		XA118	36			XA117	34			16B	9			MDB7AB	14				SWT	Z3					
02237		XA118	37			XA119	37			16B	9			MDW22A	03				SWT	Z3					
02238		XA118	38											SPP	01				SWT	Z3					
02239		XA118	39			XA117	39			16B	9			MDR1AB	10				SWT	Z3					
02240		XA118	40			XA119	53			16B	9			22YSS5	01				SWT	Z3					
02241		XA118	41											SPP	01				SWT					KEYWAY	
02242		XA118	42											SPP	01				SWT					KEYWAY	
02243		XA118	43			XA120	43			16B	9			MDB6AB	11				SWT	Z3					
02244		XA118	44											GND	01				SWT						
02245		XA118	45											22YSS4	02				SWT	Z3					
02246		XA118	46											SPP	01				SWT						
02247		XA118	47			XA117	47			1BD	2			+12VOLT	016				SWT						
02248		XA118	47										M	+12VOLT	01				SWT						
02249		XA118	48											SPP	01				SWT						
02250		XA118	49											22YCA6	02				SWT	Z4					
02251		XA118	50			XA108	47			16B	9			MCSD22	08				SWT	Z4					
02252		XA118	51											22YSS6	02				SWT	Z3					
02253		XA118	52											22YCA7	02				SWT	Z4					
02254		XA118	53			XA119	40			16B	9			22YSS7	01				SWT	Z3					
02255		XA118	54			XA116	54			16B	9			MDA6AB	12				SWT	Z4					
02256		XA118	55			XA117	55			16B	9			MDW1AB	10				SWT	Z4					
02257		XA118	56			XA119	56			16B	9			MDR22A	03				SWT	Z4					
02258		XA118	57			XA120	57			16B	9			MDA4AB	15				SWT	Z4					
02259		XA118	58											GND	01				SWT						
02260		XA118	59											SPP	01				SWT	Z4					
02261		XA118	60			XA116	60			16B	9			MDA7AB	10				SWT	Z4					
02262		XA118	61											22YCC4	02				SWT	Z4					
02263		XA118	62			XA120	62			16B	9			MDA5AB	14				SWT	Z4					
02264		XA118	63			XA119	63			16B	9			MCSD25	06				SWT	Z5					
02265		XA118	64											22YCC5	02				SWT	Z4					
02266		XA118	65											25YSS5	02				SWT						
02267		XA118	66											25YCA5	02				SWT	Z5					
02268		XA118	67											GND	01				SWT						
02269		XA118	68			XA116	75			16B	9			MDA4AB	08				SWT	Z5					
02270		XA118	69											25YCA4	02				SWT	Z5					
02271		XA118	70											25YSS7	02				SWT						

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RECORD NUMBER	FROM PREFIX	FROM CONNECTOR	FROM PIN	FROM SH FG	TO PREFIX	TO CONNECTOR	TO PIN	TO SH FG	WIRE MULTI GROUP	WIRE CODE	WIRE COLOR	WIRE IDENT	SPEC INST MISC	SIGNAL	SEQ NO	EQUATION	T TERM	T FACTOR	CKT OR CHIP TYPE	GROUP	LOAD OR POWER PLANE	TEST POINTS AND	TEST POINTS OR	SIGNAL DESCRIPTION	ECO NO
02272		XA118	71			XA120	71			16B	9			MDR25A	04				SWT	Z5					
02273		XA118	72			XA118	62			16B	9			MDA5AB	13				SWT	Z5					
02274		XA118	73											25YC05	02				SWT						
02275		XA118	74											SPP	01				SWT	Z5					
02276		XA118	75			XA120	68			16B	9			MDA6AB	09				SWT	Z5					
02277		XA118	76			XA120	76			16B	9			MDW1AB	05				SWT	Z5					
02278		XA118	77											25YCC6	02				SWT	Z5					
02279		XA118	78			XA120	72			16B	9			MDA7AB	07				SWT	Z5					
02280		XA118	79											25YC17	02				SWT						
02281		XA118	80											25YCC7	02				SWT	Z5					
02282		XA119	01			XA119	17			16B	9			MCSD22	02				SWT	Z1					
02283		XA119	02											GND	01				SWT						
02284		XA119	03			XA120	07			16B	9			MDB2AB	18				SWT	Z1					
02285		XA119	04			XA115	04			16B	9			MDB3AB	15				SWT	Z1					
02286		XA119	05											SPP	01				SWT	Z1					
02287		XA119	06			XA118	06			16B	9			MDW22A	01				SWT	Z1					
02288		XA119	07			XA120	03			16B	9			MDB0AB	18				SWT	Z1					
02289		XA119	08			XA120	08			16B	9			MDR1AB	28				SWT	Z1					
02290		XA119	09											22YSS2	02				SWT	Z1					
02291		XA119	10			XA121	10			16B	9			MDB1AB	06				SWT	Z1					
02292		XA119	11			XA118	21			16B	9			22YSS3	01				SWT	Z1					
02293		XA119	12											+5V	01				SWT						
02294		XA119	13											22YCA4	02				SWT	Z2					
02295		XA119	14			XA120	14			18D	2			+12VOLT	011				SWT						
02296		XA119	15											22YSS0	02				SWT	Z1					
02297		XA119	16											GND	01				SWT						
02298		XA119	17			XA118	17			16B	9			MCSD22	03				SWT	Z2					
02299		XA119	18											22YCA5	02				SWT	Z2					
02300		XA119	19			XA117	19			16B	9			MDA4AB	18				SWT	Z2					
02301		XA119	20			XA117	20			16B	9			MDA5AB	02				SWT	Z2					
02302		XA119	21			XA118	11			16B	9			22YSS1	01				SWT	Z1					
02303		XA119	22			XA121	22			16B	9			MDA7AB	21				SWT	Z2					
02304		XA119	23			XA118	56			16B	9			MDR22A	02				SWT	Z2					
02305		XA119	24											22YCC7	02				SWT	Z2					
02306		XA119	25			XA120	25			16B	9			MDW1AB	28				SWT	Z2					
02307		XA119	26											SPP	01				SWT	Z2					
02308		XA119	27			XA121	27			16B	9			MDA6AB	21				SWT	Z2					
02309		XA119	28											+5V	01				SWT						
02310		XA119	29											SPP	01				SWT				KEYWAY		
02311		XA119	30											SPP	01				SWT				KEYWAY		
02312		XA119	31											22YCC6	02				SWT	Z2					
02313		XA119	32											GND	01				SWT						
02314		XA119	33			XA119	50			16B	9			MCSD22	06				SWT	Z3					
02315		XA119	34			XA118	36			16B	9			MDB7AB	13				SWT	Z3					
02316		XA119	35			XA117	35			16B	9			MDB6AB	02				SWT	Z3					
02317		XA119	36			XA120	34			16B	9			MDB5AB	10				SWT	Z3					
02318		XA119	37			XA217	80			16B	9			MDW22A	04				SWT	Z3					
02319		XA119	38											SPP	01				SWT	Z3					

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RECORD NUMBER	FROM PREFIX	FROM CONNECTOR	FROM PIN	FROM SH FG	TO PREFIX	TO CONNECTOR	TO PIN	TO SH FG	WIRE MULTI GROUP	WIRE CODE	WIRE COLOR	WIRE IDENT	SPEC TEST MISC	SIGNAL	SEQ NO	EQUATION	TERM	FACTOR	CKT OR CHIP TYPE	GROUP	LOAD OR POWER PLANE	TEST POINTS AND	TEST POINTS OF	SIGNAL DESCRIPTION	ECO NO
02320		XA119	39			XA118	39			16B	9			MDRIAB	09				SWT	Z3					
02321		XA119	40											22YSS7	02				SWT	Z3					
02322		XA119	41											SPP	01				SWT					KEYWAY	
02323		XA119	42											SPP	01				SWT					KEYWAY	
02324		XA119	43			XA117	43			16B	9			MDB4AB	12				SWT	Z3					
02325		XA119	44											GND	01				SWT						
02326		XA119	45			XA118	51			16B	9			22YSS6	01				SWT	Z3					
02327		XA119	46											SPP	01				SWT						
02328		XA119	47			XA118	47			18D	2			+12VOLT	015				SWT						
02329		XA119	48											SPP	01				SWT						
02330		XA119	49											22YCA2	02				SWT	Z4					
02331		XA119	50			XA118	50			16B	9			MCSD22	07				SWT	Z4					
02332		XA119	51			XA118	45			16B	9			22YSS4	01				SWT	Z3					
02333		XA119	52											22YCA3	02				SWT	Z4					
02334		XA119	53											22YSS5	02				SWT	Z3					
02335		XA119	54			XA121	54			16B	9			MDA2AB	13				SWT	Z4					
02336		XA119	55			XA118	55			16B	9			MDWIAB	09				SWT	Z4					
02337		XA119	56			XA218	80			16B	9			MDR22A	04				SWT	Z4					
02338		XA119	57			XA117	57			16B	9			MDA0AB	08				SWT	Z4					
02339		XA119	58											GND	01				SWT						
02340		XA119	59											SPP	01				SWT	Z4					
02341		XA119	60			XA117	60			16B	9			MDA3AB	08				SWT	Z4					
02342		XA119	61											22YCC0	02				SWT	Z4					
02343		XA119	62			XA117	62			16B	9			MDA1AB	08				SWT	Z4					
02344		XA119	63			XA120	63			16B	9			MCSD25	07				SWT	Z5					
02345		XA119	64											22YCC1	02				SWT	Z4					
02346		XA119	65			XA121	70			16B	9			25YSS4	01				SWT						
02347		XA119	66			XA118	73			16B	9			25YC05	01				SWT	Z5				BIT 25 SQ DIODE 5	
02348		XA119	67											GND	01				SWT						
02349		XA119	68			XA121	75			16B	9			MDB4AB	09				SWT	Z5					
02350		XA119	69											25YC04	02				SWT	Z5					
02351		XA119	70			XA121	65			16B	9			25YSS6	01				SWT						
02352		XA119	71			XA121	71			16B	9			MDW25A	04				SWT	Z5					
02353		XA119	72			XA117	78			16B	9			MDB5AB	14				SWT	Z5					
02354		XA119	73			XA119	69			16B	9			25YC04	01				SWT					BIT 25 SQ DIODE 4	
02355		XA119	74											SPP	01				SWT	Z5					
02356		XA119	75			XA115	75			16B	9			MDB6AB	15				SWT	Z5					
02357		XA119	76			XA121	76			16B	9			MDRIAB	05				SWT	Z5					
02358		XA119	77											25YCI6	02				SWT	Z5					
02359		XA119	78			XA121	72			16B	9			MDB7AB	09				SWT	Z5					
02360		XA119	79			XA119	77			16B	9			25YCI6	01				SWT					BIT 25 SI DIODE 6	
02361		XA119	80			XA118	79			16B	9			25YCI7	01				SWT	Z5				BIT 25 SI DIODE 7	
02362		XA120	01			XA121	01			16B	9			MCSD24	01				SWT	Z1				BIT 24 VOLT SOURCE	
02363		XA120	02											GND	01				SWT						
02364		XA120	03			XA121	07			16B	9			MDB0AB	19				SWT	Z1					
02365		XA120	04			XA118	04			16B	9			MDB1AB	08				SWT	Z1					
02366		XA120	05											SPP	01				SWT	Z1					
02367		XA120	06			XA121	37			16B	9			MDW24A	02				SWT	Z1					
CONNECTOR XA120) CONTINUED ON THE NEXT PAGE ****																									

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Litton DATA SYSTEMS UNIT ASSEMBLY NAME CARD CAGE WIRED, MCU

RECORD NUMBER	FROM PREFIX	FROM CONNECTOR	FROM PIN	FROM SH FG	TO PREFIX	TO CONNECTOR	TO PIN	TO SH FG	WIRE MULTI GROUP	WIRE CODE	WIRE COLOR	WIRE IDENT	SPEC INST SPEC	SIGNAL	SEQ NO	EQUATION	TERM	FACTOR	CKT OR CHIP TYPE	GROUP	LOAD OR POWER PLANE	TEST POINTS AND	TEST POINTS OR	SIGNAL DESCRIPTION	ECO NO
02368		XA120	07			XA121	03			16B	9			MDB2AB	19				SWT	Z1					
02369		XA120	08			XA121	08			16B	9			MDRIAB	29				SWT	Z1					
02370		XA120	09			XA121	15			16B	9			24YSS0	01				SWT	Z1					
02371		XA120	10			XA121	04			16B	9			MDB3AB	13				SWT	Z1					
02372		XA120	11											24YSS1	02				SWT	Z1					
02373		XA120	12											+5V	01				SWT						
02374		XA120	13											24YCA0	02				SWT	Z2					
02375		XA120	14			XA121	47			1BD	2			+12VOLT	012				SWT						
02376		XA120	15			XA121	09			16B	9			24YSS2	01				SWT	Z1					
02377		XA120	16											GND	01				SWT						
02378		XA120	17			XA120	33			16B	9			MCSD24	04				SWT	Z2					
02379		XA120	18											24YCA1	02				SWT	Z2					
02380		XA120	19											MDA0AB	20				SWT	Z2					
02381		XA120	20			XA121	62			16B	9			MDA1AB	06				SWT	Z2					
02382		XA120	21											24YSS3	02				SWT	Z1					
02383		XA120	22			XA121	60			16B	9			MDA3AB	06				SWT	Z2					
02384		XA120	23			XA121	23			16B	9			MDR24A	01				SWT	Z2					
02385		XA120	24											24YCC3	02				SWT	Z2					
02386		XA120	25			XA121	25			16B	9			MDWIAB	29				SWT	Z2					
02387		XA120	26											SPP	01				SWT	Z2					
02388		XA120	27			XA118	27			16B	9			MDA2AB	15				SWT	Z2					
02389		XA120	28											+5V	01				SWT						
02390		XA120	29											SPP	01				SWT					KEYWAY	
02391		XA120	30											SPP	01				SWT					KEYWAY	
02392		XA120	31											24YCC2	02				SWT	Z2					
02393		XA120	32											GND	01				SWT						
02394		XA120	33			XA121	33			16B	9			MCSD24	05				SWT	Z3					
02395		XA120	34			XA121	36			16B	9			MDB5AB	11				SWT	Z3					
02396		XA120	35											MDB4AB	22				SWT	Z3					
02397		XA120	36			XA119	34			16B	9			MDB7AB	12				SWT	Z3					
02398		XA120	37			XA317	01			16B	9			MDW24A	04				SWT	Z3					
02399		XA120	38											SPP	01				SWT	Z3					
02400		XA120	39			XA119	39			16B	9			MDRIAB	08				SWT	Z3					
02401		XA120	40											24YSS5	02				SWT	Z3					
02402		XA120	41											SPP	01				SWT					KEYWAY	
02403		XA120	42											SPP	01				SWT					KEYWAY	
02404		XA120	43			XA121	68			16B	9			MDB6AB	12				SWT	Z3					
02405		XA120	44											GND	01				SWT						
02406		XA120	45			XA121	51			16B	9			24YSS4	01				SWT	Z3					
02407		XA120	46											SPP	01				SWT						
02408		XA120	47			XA119	47			1BD	2			+12VOLT	014				SWT						
02409		XA120	48											SPP	01				SWT						
02410		XA120	49											24YCA6	02				SWT	Z4					
02411		XA120	50			XA108	55			16B	9			MCSD24	08				SWT	Z4					
02412		XA120	51			XA121	45			16B	9			24YSS6	01				SWT	Z3					
02413		XA120	52											24YCA7	02				SWT	Z4					
02414		XA120	53											24YSS7	02				SWT	Z3					
02415		XA120	54			XA118	54			16B	9			MDA6AB	11				SWT	Z4					
02416		XA120	55			XA119	55			16B	9			MDWIAB	08				SWT	Z4					
02417		XA120	56			XA318	01			16B	9			MDR24A	04				SWT	Z4					

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DRAWING NUMBER 149304-880 UNIT ASSEMBLY NO. 149304 REV G INDEX XA120

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RECORD NUMBER	FROM PREFIX	FROM CONNECTOR	FROM PIN	FROM SH FG	TO PREFIX	TO CONNECTOR	TO PIN	TO SH FG	WIRE MULTI GROUP	WIRE CODE	WIRE COLOR	WIRE IDENT	SPC INST MISC	SIGNAL	SEC NO	EQUATION	TERM	FACTOR	CKT OR CHIP TYPE	GROUP	LOAD OR POWER PLANE	TEST POINTS ANC	TEST POINTS OR	SIGNAL DESCRIPTION	ECO NO
02418		XA120	57			XA121	19			16B	9			MDA4AB	16				SWT	Z4					
02419		XA120	58											GND	01				SWT						
02420		XA120	59											SPP	01				SWT	Z4					
02421		XA120	60			XA118	60			16B	9			MDA7AB	09				SWT	Z4					
02422		XA120	61											24YCC4	02				SWT	Z4					
02423		XA120	62			XA120	78			16B	9			MDA5AB	15				SWT	Z4					
02424		XA120	63			XA121	63			16B	9			MCSD25	08				SWT	Z5					
02425		XA120	64											24YCC5	02				SWT	Z4					
02426		XA120	65			XA118	70			16B	9			25YSS7	01				SWT						
02427		XA120	66											25YCA7	02				SWT	Z5					
02428		XA120	67											GND	01				SWT						
02429		XA120	68			XA120	54			16B	9			MDA6AB	10				SWT	Z5					
02430		XA120	69											25YCA6	02				SWT	Z5					
02431		XA120	70			XA118	65			16B	9			25YSS5	01				SWT						
02432		XA120	71											MDR25A	05				SWT	Z5					
02433		XA120	72			XA120	60			16B	9			MDA7AB	08				SWT	Z5					
02434		XA120	73			XA121	66			16B	9			25YC07	01				SWT					BIT 25 SQ DIODE 7	
02435		XA120	74											SPP	01				SWT	Z5					
02436		XA120	75			XA118	68			16B	9			MDA4AB	07				SWT	Z5					
02437		XA120	76			XA121	55			16B	9			MDW1AB	06				SWT	Z5					
02438		XA120	77											25YCC4	02				SWT	Z5					
02439		XA120	78			XA215	33			16B	9			MDA5AB	16				SWT	Z5					
02440		XA120	79			XA121	80			16B	9			25YCI5	01				SWT					BIT 25 SI DIODE 5	
02441		XA120	80											25YCC5	02				SWT	Z5					
02442		XA121	01			XA121	17			16B	9			MCSD24	02				SWT	Z1					
02443		XA121	02											GND	01				SWT						
02444		XA121	03											MDB2AB	20				SWT	Z1					
02445		XA121	04			XA119	04			16B	9			MDB3AB	14				SWT	Z1					
02446		XA121	05											SPP	01				SWT	Z1					
02447		XA121	06			XA120	06			16B	9			MDW24A	01				SWT	Z1					
02448		XA121	07											MDB0AB	20				SWT	Z1					
02449		XA121	08											MDR1AB	30				SWT	Z1					
02450		XA121	09											24YSS2	02				SWT	Z1					
02451		XA121	10			XA120	04			16B	9			MDB1AB	07				SWT	Z1					
02452		XA121	11			XA120	21			16B	9			24YSS3	01				SWT	Z1					
02453		XA121	12											+5V	01				SWT						
02454		XA121	13											24YCA4	02				SWT	Z2					
02455		XA121	14			XA110	14			18D	2			+12VOLT	001				SWT						
02456		XA121	15											24YSS0	02				SWT	Z1					
02457		XA121	16											GND	01				SWT						
02458		XA121	17			XA120	17			16B	9			MCSD24	03				SWT	Z2					
02459		XA121	18											24YCA5	02				SWT	Z2					
02460		XA121	19			XA119	19			16B	9			MDA4AB	17				SWT	Z2					
02461		XA121	20			XA119	20			16B	9			MDA5AB	01				SWT	Z2					
02462		XA121	21			XA120	11			16B	9			24YSS1	01				SWT	Z1					
02463		XA121	22											MDA7AB	22				SWT	Z2					
02464		XA121	23			XA121	56			16B	9			MDR24A	02				SWT	Z2					
02465		XA121	24											24YCC7	02				SWT	Z2					
CONNECTOR XA121) CONTINUED ON THE NEXT PAGE ****																									

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DRAWING NUMBER 149304-880 UNIT ASSEMBLY NO. 149304 REV G INDEX XA121

UNIT ASSEMBLY CARD CAGE WIRED, MCU CONNECTOR FILE IDENT T39AMCMU DATE 09-02-82 PAGE 101

RECORD NUMBER	FROM PREFIX	FROM CONNECTOR	FROM PIN	FROM SH FG	TO PREFIX	TO CONNECTOR	TO PIN	TO SH FG	WIRE MULTI GROUP	WIRE CODE	WIRE COLOR	WIRE IDENT	SPC INST SHTS	SIGNAL	SPEC NO	EQUATION	TERM FACTOR	CKT OR CHIP TYPE	GROUP	LOAD OR POWER PLANE	TEST POINTS AND	TEST POINTS OR	SIGNAL DESCRIPTION	ECO NO
02466		XA121	25											MDW1AB	30			SWT	Z2					
02467		XA121	26											SPP	01			SWT	Z2					
02468		XA121	27											MDA6AB	22			SWT	Z2					
02469		XA121	28											+5V	01			SWT						
02470		XA121	29											SPP	01			SWT					KEYWAY	
02471		XA121	30											SPP	01			SWT					KEYWAY	
02472		XA121	31											24YCC6	02			SWT	Z2					
02473		XA121	32											GND	01			SWT						
02474		XA121	33			XA121	50			16B	9			MCSD24	06			SWT	Z3					
02475		XA121	34			XA120	36			16B	9			MDB7AB	11			SWT	Z3					
02476		XA121	35			XA119	35			16B	9			MDB6AB	01			SWT	Z3					
02477		XA121	36			XA121	78			16B	9			MDB5AB	12			SWT	Z3					
02478		XA121	37			XA120	37			16B	9			MDW24A	03			SWT	Z3					
02479		XA121	38											SPP	01			SWT	Z3					
02480		XA121	39			XA120	39			16B	9			MDR1AB	07			SWT	Z3					
02481		XA121	40			XA120	53			16B	9			24YSS7	01			SWT	Z3					
02482		XA121	41											SPP	01			SWT					KEYWAY	
02483		XA121	42											SPP	01			SWT					KEYWAY	
02484		XA121	43			XA119	43			16B	9			MDB4AB	11			SWT	Z3					
02485		XA121	44											GND	01			SWT						
02486		XA121	45											24YSS6	02			SWT	Z3					
02487		XA121	46											SPP	01			SWT						
02488		XA121	47			XA120	47			18D	2			+12VOLT	013			SWT						
02489		XA121	48											SPP	01			SWT						
02490		XA121	49											24YCA2	02			SWT	Z4					
02491		XA121	50			XA120	50			16B	9			MCSD24	07			SWT	Z4					
02492		XA121	51											24YSS4	02			SWT	Z3					
02493		XA121	52											24YCA3	02			SWT	Z4					
02494		XA121	53			XA120	40			16B	9			24YSS5	01			SWT	Z3					
02495		XA121	54			XA120	27			16B	9			MDA2AB	14			SWT	Z4					
02496		XA121	55			XA120	55			16B	9			MDW1AB	07			SWT	Z4					
02497		XA121	56			XA120	56			16B	9			MDR24A	03			SWT	Z4					
02498		XA121	57			XA119	57			16B	9			MDA0AB	07			SWT	Z4					
02499		XA121	58											GND	01			SWT						
02500		XA121	59											SPP	01			SWT	Z4					
02501		XA121	60			XA119	60			16B	9			MDA3AB	07			SWT	Z4					
02502		XA121	61											24YCC0	02			SWT	Z4					
02503		XA121	62			XA119	62			16B	9			MDA1AB	07			SWT	Z4					
02504		XA121	63											MCSD25	09			SWT	Z5					
02505		XA121	64											24YCC1	02			SWT	Z4					
02506		XA121	65											25YSS6	02			SWT						
02507		XA121	66											25YC07	02			SWT	Z5					
02508		XA121	67											GND	01			SWT						
02509		XA121	68			XA117	68			16B	9			MDB6AB	13			SWT	Z5					
02510		XA121	69			XA121	73			16B	9			25YC06	01			SWT	Z5				BIT 25 SQ DIODE 6	
02511		XA121	70											25YSS4	02			SWT						
02512		XA121	71											MDW25A	05			SWT	Z5					
02513		XA121	72			XA121	34			16B	9			MDB7AB	10			SWT	Z5					
02514		XA121	73											25YC06	02			SWT						
02515		XA121	74											SPP	01			SWT	Z5					

CONNECTOR (XA121) CONTINUED ON THE NEXT PAGE ****

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RECORD NUMBER	FROM				TO				WIRE					SIGNAL	SEQ NO	EQUATION	TERM	FACTOR	CKT OR CHIP TYPE	GROUP	LOAD OR POWER PLANE	TEST POINTS AND	TEST POINTS OF	SIGNAL DESCRIPTION	ECO NO
	PREFIX	CONNECTOR	PIN	SH FG	PREFIX	CONNECTOR	PIN	SH FG	MULTI GROUP	CODE	COLOR	IDENT	SPEC INST SPEC												
02516		XA121	75			XA121	43			16B	9			MDB4AB	10				SWT	Z5					
02517		XA121	76			XA121	39			16B	9			MDR1AB	06				SWT	Z5					
02518		XA121	77											25YCI4	02				SWT	Z5					
02519		XA121	78			XA119	72			16B	9			MDB5AB	13				SWT	Z5					
02520		XA121	79			XA121	77			16B	9			25YCI4	01				SWT					BIT 25 SI DIODE 4	
02521		XA121	80											25YCI5	02				SWT	Z5					
02522		XA122	01											SPP	01										
02523		XA122	02											GND	01										
02524		XA122	03											SPP	01										
02525		XA122	04											SPP	01										
02526		XA122	05											SPP	01										
02527		XA122	06											SPP	01										
02528		XA122	07											SPP	01										
02529		XA122	08											SPP	01										
02530		XA122	09											SPP	01										
02531		XA122	10											SPP	01										
02532		XA122	11											SPP	01										
02533		XA122	12											+5V	01										
02534		XA122	13											SPP	01										
02535		XA122	14											SPP	01										
02536		XA122	15											SPP	01										
02537		XA122	16											GND	01										
02538		XA122	17											SPP	01										
02539		XA122	18											SPP	01										
02540		XA122	19											SPP	01										
02541		XA122	20											SPP	01										
02542		XA122	21											SPP	01										
02543		XA122	22											SPP	01										
02544		XA122	23											SPP	01										
02545		XA122	24											SPP	01										
02546		XA122	25											SPP	01										
02547		XA122	26											SPP	01										
02548		XA122	27											SPP	01										
02549		XA122	28											+5V	01										
02550		XA122	29											SPP	01										
02551		XA122	30											SPP	01										
02552		XA122	31											SPP	01										
02553		XA122	32											GND	01										
02554		XA122	33											SPP	01										
02555		XA122	34											SPP	01										
02556		XA122	35											SPP	01										
02557		XA122	36											SPP	01										
02558		XA122	37											SPP	01										
02559		XA122	38											SPP	01										
02560		XA122	39											SPP	01										
02561		XA122	40											SPP	01										
02562		XA122	41											SPP	01										
02563		XA122	42											SPP	01										
CONNECTOR (XA122) CONTINUED ON THE NEXT PAGE ****																									

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DRAWING NUMBER 149304-880 UNIT ASSEMBLY NO. 149304 REV G INDEX XA122

UNIT ASSEMBLY CARD CAGE WIRED, MCU CONNECTOR FILE IDENT T39AMCMU DATE 09-02-82 PAGE 103

RECORD NUMBER	FROM PREFIX	FROM CONNECTOR	FROM PIN	FROM SHIELD	TO PREFIX	TO CONNECTOR	TO PIN	TO SHIELD	WIRE MULTI GROUP	WIRE CODE	WIRE COLOR	WIRE IDENT	SPEC INST MISC	SIGNAL	SEQ NO	EQUATION	TERM	FACTOR	CKT OR CHIP TYPE	GROUP	LOAD OR POWER PLANE	TEST POINTS AND	TEST POINTS OR	SIGNAL DESCRIPTION	ECO NO
02564		XA122	43											SPP	01										
02565		XA122	44											GND	01										
02566		XA122	45											SPP	01										
02567		XA122	46											SPP	01										
02568		XA122	47											SPP	01										
02569		XA122	48											SPP	01										
02570		XA122	49											SPP	01										
02571		XA122	50											SPP	01										
02572		XA122	51											SPP	01										
02573		XA122	52											SPP	01										
02574		XA122	53											SPP	01										
02575		XA122	54											SPP	01										
02576		XA122	55											SPP	01										
02577		XA122	56											SPP	01										
02578		XA122	57											SPP	01										
02579		XA122	58											GND	01										
02580		XA122	59											SPP	01										
02581		XA122	60											SPP	01										
02582		XA122	61											SPP	01										
02583		XA122	62											SPP	01										
02584		XA122	63											SPP	01										
02585		XA122	64											SPP	01										
02586		XA122	65											SPP	01										
02587		XA122	66											SPP	01										
02588		XA122	67											GND	01										
02589		XA122	68											SPP	01										
02590		XA122	69											SPP	01										
02591		XA122	70											SPP	01										
02592		XA122	71											SPP	01										
02593		XA122	72											SPP	01										
02594		XA122	73											SPP	01										
02595		XA122	74											SPP	01										
02596		XA122	75											SPP	01										
02597		XA122	76											SPP	01										
02598		XA122	77											SPP	01										
02599		XA122	78											SPP	01										
02600		XA122	79											SPP	01										
02601		XA122	80											SPP	01										
02602		XA123	01											SPP	01										
02603		XA123	02											GND	01										
02604		XA123	03											SPP	01										
02605		XA123	04											SPP	01										
02606		XA123	05											SPP	01										
02607		XA123	06											SPP	01										
02608		XA123	07											SPP	01										
02609		XA123	08											SPP	01										
02610		XA123	09											SPP	01										
02611		XA123	10											SPP	01										
CONNECTOR XA123) CONTINUED ON THE NEXT PAGE ****																									

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DRAWING NUMBER 149304-880 UNIT ASSEMBLY NO. 149304 REV G INDEX XA123

UNIT ASSEMBLY CARD CAGE WIRED, MCU CONNECTOR FILE IDENT T39AMCMU DATE 09-02-82 PAGE 104

RECORD NUMBER	FROM PREFIX	FROM CONNECTOR	FROM PIN	FROM SH FG	TO PREFIX	TO CONNECTOR	TO PIN	TO SH FG	WIRE MULTI GROUP	WIRE CODE	WIRE COLOR	WIRE IDENT	SPC INST MISC	SIGNAL	SEC NO	EQUATION	TERM FACTOR	CKT OR CHIP TYPE	GROUP	LOAD OR POWER PLANE	TEST POINTS AND/OR		SIGNAL DESCRIPTION	ECO NO
02612		XA123	11											SPP	01									
02613		XA123	12											+5V	01									
02614		XA123	13											SPP	01									
02615		XA123	14											SPP	01									
02616		XA123	15											SPP	01									
02617		XA123	16											GND	01									
02618		XA123	17											SPP	01									
02619		XA123	18											SPP	01									
02620		XA123	19											SPP	01									
02621		XA123	20											SPP	01									
02622		XA123	21											SPP	01									
02623		XA123	22											SPP	01									
02624		XA123	23											SPP	01									
02625		XA123	24											SPP	01									
02626		XA123	25											SPP	01									
02627		XA123	26											SPP	01									
02628		XA123	27											SPP	01									
02629		XA123	28											+5V	01									
02630		XA123	29											SPP	01									
02631		XA123	30											SPP	01									
02632		XA123	31											SPP	01									
02633		XA123	32											GND	01									
02634		XA123	33											SPP	01									
02635		XA123	34											SPP	01									
02636		XA123	35											SPP	01									
02637		XA123	36											SPP	01									
02638		XA123	37											SPP	01									
02639		XA123	38											SPP	01									
02640		XA123	39											SPP	01									
02641		XA123	40											SPP	01									
02642		XA123	41											SPP	01									
02643		XA123	42											SPP	01									
02644		XA123	43											SPP	01									
02645		XA123	44											GND	01									
02646		XA123	45											SPP	01									
02647		XA123	46											SPP	01									
02648		XA123	47											SPP	01									
02649		XA123	48											SPP	01									
02650		XA123	49											SPP	01									
02651		XA123	50											SPP	01									
02652		XA123	51											SPP	01									
02653		XA123	52											SPP	01									
02654		XA123	53											SPP	01									
02655		XA123	54											SPP	01									
02656		XA123	55											SPP	01									
02657		XA123	56											SPP	01									
02658		XA123	57											SPP	01									
02659		XA123	58											GND	01									
02660		XA123	59											SPP	01									
02661		XA123	60											SPP	01									
CONNECTOR XA123) CONTINUED ON THE NEXT PAGE ****																								

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DRAWING NUMBER 149304-880 UNIT ASSEMBLY NO. 149304 REV G INDEX XA123

UNIT ASSEMBLY CARD CAGE WIRED, MCU CONNECTOR FILE IDENT T39AMCMU DATE 09-02-82 PAGE 105

RECORD NUMBER	FROM			SH FG	TO			SH FG	WIRE				SPEC INST NO.	SIGNAL	SPEC NO	EQUATION	TERM	FACTOR	CKT OR CHIP TYPE	SPARE	LOAD OR POWER PLANE	TEST POINTS		SIGNAL DESCRIPTION	ECO NO
	PREFIX	CONNECTOR	PIN		PREFIX	CONNECTOR	PIN		MULTI GROUP	CODE	COLOR	IDENT										AND	OR		
02662		XA123	61											SPP	01										
02663		XA123	62											SPP	01										
02664		XA123	63											SPP	01										
02665		XA123	64											SPP	01										
02666		XA123	65											SPP	01										
02667		XA123	66											SPP	01										
02668		XA123	67											GND	01										
02669		XA123	68											SPP	01										
02670		XA123	69											SPP	01										
02671		XA123	70											SPP	01										
02672		XA123	71											SPP	01										
02673		XA123	72											SPP	01										
02674		XA123	73											SPP	01										
02675		XA123	74											SPP	01										
02676		XA123	75											SPP	01										
02677		XA123	76											SPP	01										
02678		XA123	77											SPP	01										
02679		XA123	78											SPP	01										
02680		XA123	79											SPP	01										
02681		XA123	80											SPP	01										
02682		XA124	01											SPP	01										
02683		XA124	02											GND	01										
02684		XA124	03											SPP	01										
02685		XA124	04											SPP	01										
02686		XA124	05											SPP	01										
02687		XA124	06											SPP	01										
02688		XA124	07											SPP	01										
02689		XA124	08											SPP	01										
02690		XA124	09											SPP	01										
02691		XA124	10											SPP	01										
02692		XA124	11											SPP	01										
02693		XA124	12											+5V	01										
02694		XA124	13											SPP	01										
02695		XA124	14											SPP	01										
02696		XA124	15											SPP	01										
02697		XA124	16											GND	01										
02698		XA124	17											SPP	01										
02699		XA124	18											SPP	01										
02700		XA124	19											SPP	01										
02701		XA124	20											SPP	01										
02702		XA124	21											SPP	01										
02703		XA124	22											SPP	01										
02704		XA124	23											SPP	01										
02705		XA124	24											SPP	01										
02706		XA124	25											SPP	01										
02707		XA124	26											SPP	01										
02708		XA124	27											SPP	01										
02709		XA124	28											+5V	01										
CONNECTOR XA124) CONTINUED ON THE NEXT PAGE ****																									

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DRAWING NUMBER 149304-880 UNIT ASSEMBLY NO. 149304 REV G INDEX XA124

UNIT ASSEMBLY CARD CAGE WIRED, MCU CONNECTOR FILE IDENT T39AMCMU DATE 09-02-82 PAGE 106

RECORD NUMBER	FROM PREFIX	FROM CONNECTOR	FROM PIN	FROM SPC SYS	TO PREFIX	TO CONNECTOR	TO PIN	WIRE SHLD GRD	WIRE MULTI GROUP	WIRE CODE	WIRE COLOR	WIRE IDENT	WIRE SPC INST MISC	SIGNAL	SEQ NO	EQUATION	TERM FACTOR	CNT OR CHIP TYPE	GRAV	LOAD OF POWER PLANE	TEST POINTS AND	TEST POINTS OF	SIGNAL DESCRIPTION	ECO NO
02710		XA124	29											SPP	01									
02711		XA124	30											SPP	01									
02712		XA124	31											SPP	01									
02713		XA124	32											GND	01									
02714		XA124	33											SPP	01									
02715		XA124	34											SPP	01									
02716		XA124	35											SPP	01									
02717		XA124	36											SPP	01									
02718		XA124	37											SPP	01									
02719		XA124	38											SPP	01									
02720		XA124	39											SPP	01									
02721		XA124	40											SPP	01									
02722		XA124	41											SPP	01									
02723		XA124	42											SPP	01									
02724		XA124	43											SPP	01									
02725		XA124	44											GND	01									
02726		XA124	45											SPP	01									
02727		XA124	46											SPP	01									
02728		XA124	47											SPP	01									
02729		XA124	48											SPP	01									
02730		XA124	49											SPP	01									
02731		XA124	50											SPP	01									
02732		XA124	51											SPP	01									
02733		XA124	52											SPP	01									
02734		XA124	53											SPP	01									
02735		XA124	54											SPP	01									
02736		XA124	55											SPP	01									
02737		XA124	56											SPP	01									
02738		XA124	57											SPP	01									
02739		XA124	58											GND	01									
02740		XA124	59											SPP	01									
02741		XA124	60											SPP	01									
02742		XA124	61											SPP	01									
02743		XA124	62											SPP	01									
02744		XA124	63											SPP	01									
02745		XA124	64											SPP	01									
02746		XA124	65											SPP	01									
02747		XA124	66											SPP	01									
02748		XA124	67											GND	01									
02749		XA124	68											SPP	01									
02750		XA124	69											SPP	01									
02751		XA124	70											SPP	01									
02752		XA124	71											SPP	01									
02753		XA124	72											SPP	01									
02754		XA124	73											SPP	01									
02755		XA124	74											SPP	01									
02756		XA124	75											SPP	01									
02757		XA124	76											SPP	01									
02758		XA124	77											SPP	01									
02759		XA124	78											SPP	01									

CONNECTOR XA124) CONTINUED ON THE NEXT PAGE ****

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DRAWING NUMBER 149304-880 UNIT ASSEMBLY NO. 149304 REV G INDEX XA124

UNIT ASSEMBLY CARD CAGE WIRED, MCU CONNECTOR FILE IDENT T39AMCMU DATE 09-02-82 PAGE 107

RECORD NUMBER	FROM PREFIX	FROM CONNECTOR	FROM PIN	FROM SPLICE	TO PREFIX	TO CONNECTOR	TO PIN	TO SPLICE	WIRE MULTI GROUP	WIRE CODE	WIRE COLOR	WIRE IDENT	WIRE SPEC INST	SIGNAL	SEQ NO	EQUATION	TERM	FACTOR	CKT OR CHIP TYPE	GROUP	LOAD OR POWER PLANE	TEST POINTS AND	TEST POINTS OR	SIGNAL DESCRIPTION	ECO NO
02760		XA124	79											SPP	01										
02761		XA124	80											SPP	01										
02762		XA125	01											SPP	01										
02763		XA125	02											GND	01										
02764		XA125	03											SPP	01										
02765		XA125	04											SPP	01										
02766		XA125	05											SPP	01										
02767		XA125	06											SPP	01										
02768		XA125	07											SPP	01										
02769		XA125	08											SPP	01										
02770		XA125	09											SPP	01										
02771		XA125	10											SPP	01										
02772		XA125	11											SPP	01										
02773		XA125	12											+5V	01										
02774		XA125	13											SPP	01										
02775		XA125	14											SPP	01										
02776		XA125	15											SPP	01										
02777		XA125	16											GND	01										
02778		XA125	17											SPP	01										
02779		XA125	18											SPP	01										
02780		XA125	19											SPP	01										
02781		XA125	20											SPP	01										
02782		XA125	21											SPP	01										
02783		XA125	22											SPP	01										
02784		XA125	23											SPP	01										
02785		XA125	24											SPP	01										
02786		XA125	25											SPP	01										
02787		XA125	26											SPP	01										
02788		XA125	27											SPP	01										
02789		XA125	28											+5V	01										
02790		XA125	29											SPP	01										
02791		XA125	30											SPP	01										
02792		XA125	31											SPP	01										
02793		XA125	32											GND	01										
02794		XA125	33											SPP	01										
02795		XA125	34											SPP	01										
02796		XA125	35											SPP	01										
02797		XA125	36											SPP	01										
02798		XA125	37											SPP	01										
02799		XA125	38											SPP	01										
02800		XA125	39											SPP	01										
02801		XA125	40											SPP	01										
02802		XA125	41											SPP	01										
02803		XA125	42											SPP	01										
02804		XA125	43											SPP	01										
02805		XA125	44											GND	01										
02806		XA125	45											SPP	01										
02807		XA125	46											SPP	01										
CONNECTOR XA125) CONTINUED ON THE NEXT PAGE ****																									

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DRAWING NUMBER 149304-880 UNIT ASSEMBLY NO. 149304 REV G INDEX XA125

UNIT ASSEMBLY CARD CAGE WIRED, MCU CONNECTOR FILE IDENT T39AMCMU DATE 09-02-82 PAGE 108

RECORD NUMBER	FROM PREFIX	FROM CONNECTOR	FROM PIN	FROM SH FG	TO PREFIX	TO CONNECTOR	TO PIN	TO SH FG	WIRE MULTI GROUP	WIRE CODE	WIRE COLOR	WIRE IDENT	SPEC TEST WIRE	SIGNAL	SEC NO	EQUATION	TERM FACTOR	CKT OR CHIP TYPE	GROUP	LOAD OR POWER PLANE	TEST POINTS AND/OR	SIGNAL DESCRIPTION	ECO NO
02808		XA125	47											SPP	01								
02809		XA125	48											SPP	01								
02810		XA125	49											SPP	01								
02811		XA125	50											SPP	01								
02812		XA125	51											SPP	01								
02813		XA125	52											SPP	01								
02814		XA125	53											SPP	01								
02815		XA125	54											SPP	01								
02816		XA125	55											SPP	01								
02817		XA125	56											SPP	01								
02818		XA125	57											SPP	01								
02819		XA125	58											GND	01								
02820		XA125	59											SPP	01								
02821		XA125	60											SPP	01								
02822		XA125	61											SPP	01								
02823		XA125	62											SPP	01								
02824		XA125	63											SPP	01								
02825		XA125	64											SPP	01								
02826		XA125	65											SPP	01								
02827		XA125	66											SPP	01								
02828		XA125	67											GND	01								
02829		XA125	68											SPP	01								
02830		XA125	69											SPP	01								
02831		XA125	70											SPP	01								
02832		XA125	71											SPP	01								
02833		XA125	72											SPP	01								
02834		XA125	73											SPP	01								
02835		XA125	74											SPP	01								
02836		XA125	75											SPP	01								
02837		XA125	76											SPP	01								
02838		XA125	77											SPP	01								
02839		XA125	78											SPP	01								
02840		XA125	79											SPP	01								
02841		XA125	80											SPP	01								
02842		XA126	01											SPP	01								
02843		XA126	02											GND	01								
02844		XA126	03											SPP	01								
02845		XA126	04											SPP	01								
02846		XA126	05											SPP	01								
02847		XA126	06											SPP	01								
02848		XA126	07											SPP	01								
02849		XA126	08											SPP	01								
02850		XA126	09											SPP	01								
02851		XA126	10											SPP	01								
02852		XA126	11											SPP	01								
02853		XA126	12											+5V	01								
02854		XA126	13											SPP	01								
02855		XA126	14											SPP	01								
CONNECTOR XA126) CONTINUED ON THE NEXT PAGE ****																							

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DRAWING NUMBER 149304-880 **UNIT ASSEMBLY NO.** 149304 **REV** G **INDEX** XA126

UNIT ASSEMBLY CARD CAGE WIRED, MCU **CONNECTOR** **FILE IDENT** T39AMCMU **DATE** 09-02-82 **PAGE** 109

RECORD NUMBER	FROM				TO				WIRE					SIGNAL	SFN NO	EQUATION	ITEM	ACTION	CKT OR CHIP TYPE	GROUP	LOAD OR POWER FLAG	TEST POINTS AND/OR		SIGNAL DESCRIPTION	ECO NO
	PREFIX	CONNECTOR	PIN	SH FG	PREFIX	CONNECTOR	PIN	SH FG	MULTI GROUP	CODE	COLOR	IDENT	SPECIAL												
02856		XA126	15											SPP	01										
02857		XA126	16											GND	01										
02858		XA126	17											SPP	01										
02859		XA126	18											SPP	01										
02860		XA126	19											SPP	01										
02861		XA126	20											SPP	01										
02862		XA126	21											SPP	01										
02863		XA126	22											SPP	01										
02864		XA126	23											SPP	01										
02865		XA126	24											SPP	01										
02866		XA126	25											SPP	01										
02867		XA126	26											SPP	01										
02868		XA126	27											SPP	01										
02869		XA126	28											+5V	01										
02870		XA126	29											SPP	01										
02871		XA126	30											SPP	01										
02872		XA126	31											SPP	01										
02873		XA126	32											GND	01										
02874		XA126	33											SPP	01										
02875		XA126	34											SPP	01										
02876		XA126	35											SPP	01										
02877		XA126	36											SPP	01										
02878		XA126	37											SPP	01										
02879		XA126	38											SPP	01										
02880		XA126	39											SPP	01										
02881		XA126	40											SPP	01										
02882		XA126	41											SPP	01										
02883		XA126	42											SPP	01										
02884		XA126	43											SPP	01										
02885		XA126	44											GND	01										
02886		XA126	45											SPP	01										
02887		XA126	46											SPP	01										
02888		XA126	47											SPP	01										
02889		XA126	48											SPP	01										
02890		XA126	49											SPP	01										
02891		XA126	50											SPP	01										
02892		XA126	51											SPP	01										
02893		XA126	52											SPP	01										
02894		XA126	53											SPP	01										
02895		XA126	54											SPP	01										
02896		XA126	55											SPP	01										
02897		XA126	56											SPP	01										
02898		XA126	57											SPP	01										
02899		XA126	58											GND	01										
02900		XA126	59											SPP	01										
02901		XA126	60											SPP	01										
02902		XA126	61											SPP	01										
02903		XA126	62											SPP	01										
02904		XA126	63											SPP	01										
02905		XA126	64											SPP	01										

CONNECTOR XA126) CONTINUED ON THE NEXT PAGE ****

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DRAWING NUMBER 149304-880 UNIT ASSEMBLY NO. 149304 REV G INDEX XA126

UNIT ASSEMBLY CARD CAGE WIRED, MCU CONNECTOR FILE IDENT T39AMCMU DATE 09-02-82 PAGE 110

RECORD NUMBER	FROM PREFIX	FROM CONNECTOR	FROM PIN	SH FG	TO PREFIX	TO CONNECTOR	TO PIN	SH FG	WIRE MULTI GROUP	WIRE CODE	WIRE COLOR	WIRE IDENT	SPEC INST MISC	SIGNAL	SEQ NO	EQUATION	T-TRM	FACTOR	CAT OR CHIP TYPE	GRID	LOAD OR POWER PLANE	TEST POINTS 2ND	TEST POINTS JP	SIGNAL DESCRIPTION	ECO NO
02906		XA126	65											SPP	01										
02907		XA126	66											SPP	01										
02908		XA126	67											GND	01										
02909		XA126	68											SPP	01										
02910		XA126	69											SPP	01										
02911		XA126	70											SPP	01										
02912		XA126	71											SPP	01										
02913		XA126	72											SPP	01										
02914		XA126	73											SPP	01										
02915		XA126	74											SPP	01										
02916		XA126	75											SPP	01										
02917		XA126	76											SPP	01										
02918		XA126	77											SPP	01										
02919		XA126	78											SPP	01										
02920		XA126	79											SPP	01										
02921		XA126	80											SPP	01										
02922		XA127	01											SPP	01										
02923		XA127	02											GND	01										
02924		XA127	03											SPP	01										
02925		XA127	04											SPP	01										
02926		XA127	05											SPP	01										
02927		XA127	06											SPP	01										
02928		XA127	07											SPP	01										
02929		XA127	08											SPP	01										
02930		XA127	09											SPP	01										
02931		XA127	10											SPP	01										
02932		XA127	11											SPP	01										
02933		XA127	12											+5V	01										
02934		XA127	13											SPP	01										
02935		XA127	14											SPP	01										
02936		XA127	15											SPP	01										
02937		XA127	16											GND	01										
02938		XA127	17											SPP	01										
02939		XA127	18											SPP	01										
02940		XA127	19											SPP	01										
02941		XA127	20											SPP	01										
02942		XA127	21											SPP	01										
02943		XA127	22											SPP	01										
02944		XA127	23											SPP	01										
02945		XA127	24											SPP	01										
02946		XA127	25											SPP	01										
02947		XA127	26											SPP	01										
02948		XA127	27											SPP	01										
02949		XA127	28											+5V	01										
02950		XA127	29											SPP	01										
02951		XA127	30											SPP	01										
02952		XA127	31											SPP	01										
02953		XA127	32											GND	01										
CONNECTOR (XA127) CONTINUED ON THE NEXT PAGE ****																									

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DRAWING NUMBER 149304-880 UNIT ASSEMBLY NO. 149304 REV G INDEX XA127

UNIT ASSEMBLY CARD CAGE WIRED, MCU CONNECTOR FILE IDENT T39AMCMU DATE 09-02-82 PAGE 111

RECORD NUMBER	FROM PREFIX	FROM CONNECTOR	FROM PIN	FROM SH FO	TO PREFIX	TO CONNECTOR	TO PIN	TO SH FO	WIRE MULT GROUP	WIRE CODE	WIRE COLOR	WIRE IDENT	SPEC INST CODE	SIGNAL	SEQ NO	EQUATION	TERM FACTOR	CKT OR CHIP TYPE	GROUP	LOAD OR POWER PLANE	TEST POINTS AND	TEST POINTS OR	SIGNAL DESCRIPTION	ECO NO
02954		XA127	33											SPP	01									
02955		XA127	34											SPP	01									
02956		XA127	35											SPP	01									
02957		XA127	36											SPP	01									
02958		XA127	37											SPP	01									
02959		XA127	38											SPP	01									
02960		XA127	39											SPP	01									
02961		XA127	40											SPP	01									
02962		XA127	41											SPP	01									
02963		XA127	42											SPP	01									
02964		XA127	43											SPP	01									
02965		XA127	44											GND	01									
02966		XA127	45											SPP	01									
02967		XA127	46											SPP	01									
02968		XA127	47											SPP	01									
02969		XA127	48											SPP	01									
02970		XA127	49											SPP	01									
02971		XA127	50											SPP	01									
02972		XA127	51											SPP	01									
02973		XA127	52											SPP	01									
02974		XA127	53											SPP	01									
02975		XA127	54											SPP	01									
02976		XA127	55											SPP	01									
02977		XA127	56											SPP	01									
02978		XA127	57											SPP	01									
02979		XA127	58											GND	01									
02980		XA127	59											SPP	01									
02981		XA127	60											SPP	01									
02982		XA127	61											SPP	01									
02983		XA127	62											SPP	01									
02984		XA127	63											SPP	01									
02985		XA127	64											SPP	01									
02986		XA127	65											SPP	01									
02987		XA127	66											SPP	01									
02988		XA127	67											GND	01									
02989		XA127	68											SPP	01									
02990		XA127	69											SPP	01									
02991		XA127	70											SPP	01									
02992		XA127	71											SPP	01									
02993		XA127	72											SPP	01									
02994		XA127	73											SPP	01									
02995		XA127	74											SPP	01									
02996		XA127	75											SPP	01									
02997		XA127	76											SPP	01									
02998		XA127	77											SPP	01									
02999		XA127	78											SPP	01									
03000		XA127	79											SPP	01									
03001		XA127	80											SPP	01									

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DRAWING NUMBER 149304-880 **UNIT ASSEMBLY NO.** 149304 **REV** G **INDEX** XA128

UNIT ASSEMBLY CARD CAGE WIRED, MCU **CONNECTOR** **FILE IDENT** T39AMCMU **DATE** 09-02-82 **PAGE** 112

RECORD NUMBER	FROM			SH FG	TO			SH FG	WIRE				SPC INST MISC	SIGNAL	SEC NO	EQUATION	TERM	FACTOR	CKT OR CHR TYPE	GROUP	LOAD OR BOARD PLANE	TEST POINTS		SIGNAL DESCRIPTION	ECO NO
	PREFIX	CONNECTOR	PIN		PREFIX	CONNECTOR	PIN		MULTI GROUP	CODE	COLOR	IDENT										ANC	OR		
03002		XA128	01											SPP	01										
03003		XA128	02											GND	01										
03004		XA128	03											SPP	01										
03005		XA128	04											SPP	01										
03006		XA128	05											SPP	01										
03007		XA128	06											SPP	01										
03008		XA128	07											SPP	01										
03009		XA128	08											SPP	01										
03010		XA128	09											SPP	01										
03011		XA128	10											SPP	01										
03012		XA128	11											SPP	01										
03013		XA128	12											+5V	01										
03014		XA128	13											SPP	01										
03015		XA128	14											SPP	01										
03016		XA128	15											SPP	01										
03017		XA128	16											GND	01										
03018		XA128	17											SPP	01										
03019		XA128	18											SPP	01										
03020		XA128	19											SPP	01										
03021		XA128	20											SPP	01										
03022		XA128	21											SPP	01										
03023		XA128	22											SPP	01										
03024		XA128	23											SPP	01										
03025		XA128	24											SPP	01										
03026		XA128	25											SPP	01										
03027		XA128	26											SPP	01										
03028		XA128	27											SPP	01										
03029		XA128	28											+5V	01										
03030		XA128	29											SPP	01										
03031		XA128	30											SPP	01										
03032		XA128	31											SPP	01										
03033		XA128	32											GND	01										
03034		XA128	33											SPP	01										
03035		XA128	34											SPP	01										
03036		XA128	35											SPP	01										
03037		XA128	36											SPP	01										
03038		XA128	37											SPP	01										
03039		XA128	38											SPP	01										
03040		XA128	39											SPP	01										
03041		XA128	40											SPP	01										
03042		XA128	41											SPP	01										
03043		XA128	42											SPP	01										
03044		XA128	43											SPP	01										
03045		XA128	44											GND	01										
03046		XA128	45											SPP	01										
03047		XA128	46											SPP	01										
03048		XA128	47											SPP	01										
03049		XA128	48											SPP	01										
03050		XA128	49											SPP	01										
03051		XA128	50											SPP	01										
CONNECTOR (XA128) CONTINUED ON THE NEXT PAGE ****																									

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DRAWING NUMBER 149304-880 UNIT ASSEMBLY NO. 149304 REV G INDEX XA128
UNIT ASSEMBLY CARD CAGE WIRED, MCU CONNECTOR FILE IDENT T39AMCMU DATE 09-02-82 PAGE 113

RECORD NUMBER	FROM PREFIX	FROM CONNECTOR	FROM PIN	SH FG	TO PREFIX	TO CONNECTOR	TO PIN	WIRE SH FG	WIRE MULTI GROUP	WIRE CODE	WIRE COLOR	WIRE IDENT	SPEC INST MISC	SIGNAL	SEQ NO	EQUATION	TERM	FACTOR	CKT OR CHIP TYPE	GROUP	LOAD OR POWER PLANE	TEST POINTS AND	TEST POINTS OR	SIGNAL DESCRIPTION	ECO NO
03052		XA128	51											SPP	01										
03053		XA128	52											SPP	01										
03054		XA128	53											SPP	01										
03055		XA128	54											SPP	01										
03056		XA128	55											SPP	01										
03057		XA128	56											SPP	01										
03058		XA128	57											SPP	01										
03059		XA128	58											GND	01										
03060		XA128	59											SPP	01										
03061		XA128	60											SPP	01										
03062		XA128	61											SPP	01										
03063		XA128	62											SPP	01										
03064		XA128	63											SPP	01										
03065		XA128	64											SPP	01										
03066		XA128	65											SPP	01										
03067		XA128	66											SPP	01										
03068		XA128	67											GND	01										
03069		XA128	68											SPP	01										
03070		XA128	69											SPP	01										
03071		XA128	70											SPP	01										
03072		XA128	71											SPP	01										
03073		XA128	72											SPP	01										
03074		XA128	73											SPP	01										
03075		XA128	74											SPP	01										
03076		XA128	75											SPP	01										
03077		XA128	76											SPP	01										
03078		XA128	77											SPP	01										
03079		XA128	78											SPP	01										
03080		XA128	79											SPP	01										
03081		XA128	80											SPP	01										
03082		XA129	01											SPP	01										
03083		XA129	02											GND	01										
03084		XA129	03											SPP	01										
03085		XA129	04											SPP	01										
03086		XA129	05											SPP	01										
03087		XA129	06											SPP	01										
03088		XA129	07											SPP	01										
03089		XA129	08											SPP	01										
03090		XA129	09											SPP	01										
03091		XA129	10											SPP	01										
03092		XA129	11											SPP	01										
03093		XA129	12											+5V	01										
03094		XA129	13											SPP	01										
03095		XA129	14											SPP	01										
03096		XA129	15											SPP	01										
03097		XA129	16											GND	01										
03098		XA129	17											SPP	01										
03099		XA129	18											SPP	01										
CONNECTOR XA129) CONTINUED ON THE NEXT PAGE ****																									

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RECORD NUMBER	FROM			SH FG	TO			SH FG	WIRE				SPEC INST MISC	SIGNAL	SEQ NO	EQUATION	TERM	FACTOR	CKT OR CHIP TYPE	GROUP	LOAD OR POWER PLANE	TEST POINTS		SIGNAL DESCRIPTION	ECO NO
	PREFIX	CONNECTOR	PIN		PREFIX	CONNECTOR	PIN		MULTI GROUP	CODE	COLOR	IDENT										AND	OR		
03100		XA129	19											SPP	01										
03101		XA129	20											SPP	01										
03102		XA129	21											SPP	01										
03103		XA129	22											SPP	01										
03104		XA129	23											SPP	01										
03105		XA129	24											SPP	01										
03106		XA129	25											SPP	01										
03107		XA129	26											SPP	01										
03108		XA129	27											SPP	01										
03109		XA129	28											+5V	01										
03110		XA129	29											SPP	01										
03111		XA129	30											SPP	01										
03112		XA129	31											SPP	01										
03113		XA129	32											GND	01										
03114		XA129	33											SPP	01										
03115		XA129	34											SPP	01										
03116		XA129	35											SPP	01										
03117		XA129	36											SPP	01										
03118		XA129	37											SPP	01										
03119		XA129	38											SPP	01										
03120		XA129	39											SPP	01										
03121		XA129	40											SPP	01										
03122		XA129	41											SPP	01										
03123		XA129	42											SPP	01										
03124		XA129	43											SPP	01										
03125		XA129	44											GND	01										
03126		XA129	45											SPP	01										
03127		XA129	46											SPP	01										
03128		XA129	47											SPP	01										
03129		XA129	48											SPP	01										
03130		XA129	49											SPP	01										
03131		XA129	50											SPP	01										
03132		XA129	51											SPP	01										
03133		XA129	52											SPP	01										
03134		XA129	53											SPP	01										
03135		XA129	54											SPP	01										
03136		XA129	55											SPP	01										
03137		XA129	56											SPP	01										
03138		XA129	57											SPP	01										
03139		XA129	58											GND	01										
03140		XA129	59											SPP	01										
03141		XA129	60											SPP	01										
03142		XA129	61											SPP	01										
03143		XA129	62											SPP	01										
03144		XA129	63											SPP	01										
03145		XA129	64											SPP	01										
03146		XA129	65											SPP	01										
03147		XA129	66											SPP	01										
03148		XA129	67											GND	01										
03149		XA129	68											SPP	01										
CONNECTOR (XA129) CONTINUED ON THE NEXT PAGE ****																									

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RECORD NUMBER	FROM PREFIX	FROM CONNECTOR	FROM PIN	SH FG	TO PREFIX	TO CONNECTOR	TO PIN	SH FG	WIRE MULTI GROUP	WIRE CODE	WIRE COLOR	WIRE IDENT	SPC INST QUICK	SIGNAL	SEQ NO	EQUATION	TERM	FACTOR	CKT OR CHIP TYPE	GROUP	LOAD OR POWER PLANE	TEST POINTS AND	TEST POINTS OR	SIGNAL DESCRIPTION	ECO NO
03150		XA129	69											SPP	01										
03151		XA129	70											SPP	01										
03152		XA129	71											SPP	01										
03153		XA129	72											SPP	01										
03154		XA129	73											SPP	01										
03155		XA129	74											SPP	01										
03156		XA129	75											SPP	01										
03157		XA129	76											SPP	01										
03158		XA129	77											SPP	01										
03159		XA129	78											SPP	01										
03160		XA129	79											SPP	01										
03161		XA129	80											SPP	01										
03162		XA130	01											SPP	01										
03163		XA130	02											GND	01										
03164		XA130	03											SPP	01										
03165		XA130	04											SPP	01										
03166		XA130	05											SPP	01										
03167		XA130	06											SPP	01										
03168		XA130	07											SPP	01										
03169		XA130	08											SPP	01										
03170		XA130	09											SPP	01										
03171		XA130	10											SPP	01										
03172		XA130	11											SPP	01										
03173		XA130	12											+5V	01										
03174		XA130	13											SPP	01										
03175		XA130	14											SPP	01										
03176		XA130	15											SPP	01										
03177		XA130	16											GND	01										
03178		XA130	17											SPP	01										
03179		XA130	18											SPP	01										
03180		XA130	19											SPP	01										
03181		XA130	20											SPP	01										
03182		XA130	21											SPP	01										
03183		XA130	22											SPP	01										
03184		XA130	23											SPP	01										
03185		XA130	24											SPP	01										
03186		XA130	25											SPP	01										
03187		XA130	26											SPP	01										
03188		XA130	27											SPP	01										
03189		XA130	28											+5V	01										
03190		XA130	29											SPP	01										
03191		XA130	30											SPP	01										
03192		XA130	31											SPP	01										
03193		XA130	32											GND	01										
03194		XA130	33											SPP	01										
03195		XA130	34											SPP	01										
03196		XA130	35											SPP	01										
03197		XA130	36											SPP	01										
CONNECTOR (XA130) CONTINUED ON THE NEXT PAGE ****																									

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RECORD NUMBER	FROM PREFIX	FROM CONNECTOR	FROM PIN	FROM SH FG	TO PREFIX	TO CONNECTOR	TO PIN	WIRE SH FG	WIRE MULTI GROUP	WIRE CODE	WIRE COLOR	WIRE IDENT	SPC INST MISC	SIGNAL	SEC NO	EQUATION	TERM FACTOR	CAT OR CHIP TYPE	GROUP	LOAD OR POWER PLANE	TEST POINTS ANC	TEST POINTS CR	SIGNAL DESCRIPTION	ECO NO
03198		XA130	37											SPP	01									
03199		XA130	38											SPP	01									
03200		XA130	39											SPP	01									
03201		XA130	40											SPP	01									
03202		XA130	41											SPP	01									
03203		XA130	42											SPP	01									
03204		XA130	43											SPP	01									
03205		XA130	44											GND	01									
03206		XA130	45											SPP	01									
03207		XA130	46											SPP	01									
03208		XA130	47											SPP	01									
03209		XA130	48											SPP	01									
03210		XA130	49											SPP	01									
03211		XA130	50											SPP	01									
03212		XA130	51											SPP	01									
03213		XA130	52											SPP	01									
03214		XA130	53											SPP	01									
03215		XA130	54											SPP	01									
03216		XA130	55											SPP	01									
03217		XA130	56											SPP	01									
03218		XA130	57											SPP	01									
03219		XA130	58											GND	01									
03220		XA130	59											SPP	01									
03221		XA130	60											SPP	01									
03222		XA130	61											SPP	01									
03223		XA130	62											SPP	01									
03224		XA130	63											SPP	01									
03225		XA130	64											SPP	01									
03226		XA130	65											SPP	01									
03227		XA130	66											SPP	01									
03228		XA130	67											GND	01									
03229		XA130	68											SPP	01									
03230		XA130	69											SPP	01									
03231		XA130	70											SPP	01									
03232		XA130	71											SPP	01									
03233		XA130	72											SPP	01									
03234		XA130	73											SPP	01									
03235		XA130	74											SPP	01									
03236		XA130	75											SPP	01									
03237		XA130	76											SPP	01									
03238		XA130	77											SPP	01									
03239		XA130	78											SPP	01									
03240		XA130	79											SPP	01									
03241		XA130	80											SPP	01									
03242		XA131	01											SPP	01									
03243		XA131	02											GND	01									
03244		XA131	03											SPP	01									
03245		XA131	04											SPP	01									
CONNECTOR (XA131) CONTINUED ON THE NEXT PAGE ****																								

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RECORD NUMBER	FROM PREFIX	FROM CONNECTOR	FROM PIN	FROM SH FG	TO PREFIX	TO CONNECTOR	TO PIN	TO SH FG	WIRE MULT GROUP	WIRE CODE	WIRE COLOR	WIRE IDENT	SPC INST MISC	SIGNAL	SEQ NO	EQUATION	TERM	FACTOR	CKT OR CHIP TYPE	GROUP	LOAD OR POWER PLANE	TEST POINTS AND	TEST POINTS OR	SIGNAL DESCRIPTION	ECO NO
03246		XA131	05											SPP	01										
03247		XA131	06											SPP	01										
03248		XA131	07											SPP	01										
03249		XA131	08											SPP	01										
03250		XA131	09											SPP	01										
03251		XA131	10											SPP	01										
03252		XA131	11											SPP	01										
03253		XA131	12											+5V	01										
03254		XA131	13											SPP	01										
03255		XA131	14											SPP	01										
03256		XA131	15											SPP	01										
03257		XA131	16											GND	01										
03258		XA131	17											SPP	01										
03259		XA131	18											SPP	01										
03260		XA131	19											SPP	01										
03261		XA131	20											SPP	01										
03262		XA131	21											SPP	01										
03263		XA131	22											SPP	01										
03264		XA131	23											SPP	01										
03265		XA131	24											SPP	01										
03266		XA131	25											SPP	01										
03267		XA131	26											SPP	01										
03268		XA131	27											SPP	01										
03269		XA131	28											+5V	01										
03270		XA131	29											SPP	01										
03271		XA131	30											SPP	01										
03272		XA131	31											SPP	01										
03273		XA131	32											GND	01										
03274		XA131	33											SPP	01										
03275		XA131	34											SPP	01										
03276		XA131	35											SPP	01										
03277		XA131	36											SPP	01										
03278		XA131	37											SPP	01										
03279		XA131	38											SPP	01										
03280		XA131	39											SPP	01										
03281		XA131	40											SPP	01										
03282		XA131	41											SPP	01										
03283		XA131	42											SPP	01										
03284		XA131	43											SPP	01										
03285		XA131	44											GND	01										
03286		XA131	45											SPP	01										
03287		XA131	46											SPP	01										
03288		XA131	47											SPP	01										
03289		XA131	48											SPP	01										
03290		XA131	49											SPP	01										
03291		XA131	50											SPP	01										
03292		XA131	51											SPP	01										
03293		XA131	52											SPP	01										
03294		XA131	53											SPP	01										
03295		XA131	54											SPP	01										
CONNECTOR XA131) CONTINUED ON THE NEXT PAGE ****																									

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RECORD NUMBER	FROM PREFIX	FROM CONNECTOR	FROM PIN	FROM SH FG	TO PREFIX	TO CONNECTOR	TO PIN	TO SH FG	WIRE MULTI GROUP	WIRE CODE	WIRE COLOR	WIRE IDENT	SPEC INST MISC	SIGNAL	SEQ NO	EQUATION	TERM	FACTOR	CKT OR CHIP TYPE	GROUP	LOAD OF POWER PLANE	TEST POINTS GND	TEST POINTS SP	SIGNAL DESCRIPTION	ECO NO
03296		XA131	55											SPP	01										
03297		XA131	56											SPP	01										
03298		XA131	57											SPP	01										
03299		XA131	58											GND	01										
03300		XA131	59											SPP	01										
03301		XA131	60											SPP	01										
03302		XA131	61											SPP	01										
03303		XA131	62											SPP	01										
03304		XA131	63											SPP	01										
03305		XA131	64											SPP	01										
03306		XA131	65											SPP	01										
03307		XA131	66											SPP	01										
03308		XA131	67											GND	01										
03309		XA131	68											SPP	01										
03310		XA131	69											SPP	01										
03311		XA131	70											SPP	01										
03312		XA131	71											SPP	01										
03313		XA131	72											SPP	01										
03314		XA131	73											SPP	01										
03315		XA131	74											SPP	01										
03316		XA131	75											SPP	01										
03317		XA131	76											SPP	01										
03318		XA131	77											SPP	01										
03319		XA131	78											SPP	01										
03320		XA131	79											SPP	01										
03321		XA131	80											SPP	01										
03322		XA132	01											SPO	01		00	1	TQ2	A2		02B			
03323		XA132	02											GND	01				TQ2			01A			
03324		XA132	03											SPI031	09		01	1	TQ2	A3		02A			
03325		XA132	04			XA132	03			16B	9			SPI031	08		01	1	TQ2	A2		04A			
03326		XA132	05											SPI032	09		01	2	TQ2	A2		03B			
03327		XA132	06											SPO	01		00	1	TQ2	A1		05A			
03328		XA132	07			XA132	05			16B	9			SPI032	08		01	2	TQ2	A3		03A			
03329		XA132	08			XA132	04			16B	9			SPI031	07		01	1	TQ2	A1		06A			
03330		XA132	09											SPO	01		00	1	TQ2	A3		04B			
03331		XA132	10			XA132	07			16B	9			SPI032	07		01	2	TQ2	A1		07A			
03332		XA132	11			XA132	08			16B	9			SPI031	06		01	1	TQ2	A4		05B			
03333		XA132	12											+5V	01				TQ2						
03334		XA132	13			XA132	10			16B	9			SPI032	06		01	2	TQ2	A4		06B			
03335		XA132	14											SPO	01		00	1	TQ2	B2		09A			
03336		XA132	15											SPO	01		00	1	TQ2	A4		07B			
03337		XA132	16											GND	01				TQ2			01B			
03338		XA132	17			XA132	11			16B	9			SPI031	05		01	1	TQ2	B3		08B			
03339		XA132	18			XA132	17			16B	9			SPI031	04		01	1	TQ2	B2		10A			
03340		XA132	19			XA132	13			16B	9			SPI032	05		01	2	TQ2	B3		09B			
03341		XA132	20			XA132	19			16B	9			SPI032	04		01	2	TQ2	B2		11A			
03342		XA132	21											SPO	01		00	1	TQ2	B3		10B			
03343		XA132	22											SPO	01		00	1	TQ2	B1		12A			
CONNECTOR XA132) CONTINUED ON THE NEXT PAGE ****																									

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RECORD NUMBER	FROM PREFIX	FROM CONNECTOR	FROM PIN	FROM SHEET	TO PREFIX	TO CONNECTOR	TO PIN	TO SHEET	WIRE MULTI GROUP	WIRE CODE	WIRE COLOR	WIRE IDENT	SPEC INST SPEC	SIGNAL	SEQ NO	EQUATION	TERM	FACTOR	CKT OR CHIP TYPE	GROUP	LOAD OR POWER PLANE	TEST POINTS AND/OR	SIGNAL DESCRIPTION	ECO NO
03344		XA132	23			XA132	18			16B	9			SPI031	03		01	1	TQ2	B4		11B		
03345		XA132	24			XA132	23			16B	9			SPI031	02		01	1	TQ2	B1		13A		
03346		XA132	25			XA132	20			16B	9			SPI032	03		01	2	TQ2	B4		12B		
03347		XA132	26			XA132	25			16B	9			SPI032	02		01	2	TQ2	B1		14A		
03348		XA132	27											SPO	01		00	1	TQ2	B4		13B		
03349		XA132	28											+5V	01				TQ2					
21797		XA132	29			XA132	34			16B	9			MWPDCB	01	MRW180	01	1	TQ2	C3		14B		
21788		XA132	30			XA227	36			16B	9			MRW17A	01	MRW17A	00	1	TQ2	C2		15A	BIT 17 WORD ADR *	
21798		XA132	31			XA229	37			16B	9			MRA18Q	01	MRW180	01	2	TQ2	C3		15B		
03350		XA132	32											GND	01				TQ2			20B		
21799		XA132	33											MRW180	10	MRW180	00	1	TQ2	C3		16B	BIT 18 WORD ADR	
21789		XA132	34			XA132	35			16B	9			MWPDCB	02	MRW17A	01	1	TQ2	C2		16A		
21794		XA132	35			XA132	40			16B	9			MWPDCB	03	MRW18A	01	1	TQ2	C4		17B		
21790		XA132	36			XA229	21			16B	9			MRA17P	01	MRW17A	01	2	TQ2	C2		17A		
21795		XA132	37			XA229	35			16B	9			MRA18P	01	MRW18A	01	2	TQ2	C4		18B		
21791		XA132	38			XA228	07			16B	9			MRW17Q	00	MRW17Q	00	1	TQ2	C1		18A	BIT 17 WORD ADR	
21796		XA132	39			XA228	10			16B	9			MRW18A	00	MRW18A	00	1	TQ2	C4		19B	BIT 18 WORD ADR *	
21792		XA132	40			XA132	41			16B	9			MWPDCB	04	MRW17Q	01	1	TQ2	C1		19A		
21809		XA132	41			XA132	47			16B	9			MWPDCB	05	MRW200	01	1	TQ2	D3		22B		
21793		XA132	42			XA229	19			16B	9			MRA17Q	01	MRW17Q	01	2	TQ2	C1		20A		
21810		XA132	43			XA229	49			16B	9			MRA20Q	01	MRW200	01	2	TQ2	D3		23B		
03351		XA132	44											GND	01				TQ2			21B		
21811		XA132	45											MRW200	10	MRW200	00	1	TQ2	D3		24B	BIT 20 WORD ADR	
21800		XA132	46			XA228	04			16B	9			MRW19A	00	MRW19A	00	1	TQ2	D2		21A	BIT 19 WORD ADR *	
21806		XA132	47			XA132	48			16B	9			MWPDCB	06	MRW20A	01	1	TQ2	D4		25B		
21801		XA132	48			XA132	53			16B	9			MWPDCB	07	MRW19A	01	1	TQ2	D2		22A		
21807		XA132	49											MRA20P	03	MRW20A	01	2	TQ2	D4		26B		
21802		XA132	50			XA229	33			16B	9			MRA19P	01	MRW19A	01	2	TQ2	D2		23A		
21808		XA132	51											MRW20A	10	MRW20A	00	1	TQ2	D4		27B	BIT 20 WORD ADR *	
21803		XA132	52			XA228	18			16B	9			MRW19Q	00	MRW19Q	00	1	TQ2	D1		24A	BIT 19 WORD ADR	
21821		XA132	53			XA132	54			16B	9			MWPDCB	08	MRW220	01	1	TQ2	E3		28B		
21804		XA132	54			XA132	59			16B	9			MWPDCB	09	MRW19Q	01	1	TQ2	D1		25A		
21822		XA132	55			XA229	61			16B	9			MRA22Q	01	MRW220	01	2	TQ2	E3		29B		
21805		XA132	56			XA229	31			16B	9			MRA19Q	01	MRW19Q	01	2	TQ2	D1		26A		
21823		XA132	57			XA227	10			16B	9			MRW220	00	MRW220	00	1	TQ2	E3		30B	BIT 22 WORD ADR	
03352		XA132	58											GND	01				TQ2			27A		
21818		XA132	59			XA132	62			16B	9			MWPDCB	10	MRW22A	01	1	TQ2	E4		31B		
21812		XA132	60			XA226	56			16B	9			MRW21A	03	MRW21A	00	1	TQ2	E2		28A	BIT 21 WORD ADR *	
21819		XA132	61			XA232	77			16B	9			MRA22P	01	MRW22A	01	2	TQ2	E4		32B		
21813		XA132	62			XA132	65			16B	9			MWPDCB	11	MRW21A	01	1	TQ2	E2		29A		
21820		XA132	63											MRW22A	10	MRW22A	00	1	TQ2	E4		33B	BIT 22 WORD ADR *	
21814		XA132	64			XA232	62			16B	9			MRA21P	02	MRW21A	01	2	TQ2	E2		30A		
21833		XA132	65			XA132	68			16B	9			MWPDCB	12	MRW240	01	1	TQ2	F3		34B		
21815		XA132	66											MRW210	09	MRW210	00	1	TQ2	E1		31A	BIT 21 WORD ADR	
03353		XA132	67											GND	01				TQ2			40A		
21816		XA132	68			XA132	71			16B	9			MWPDCB	13	MRW210	01	1	TQ2	E1		32A		
21834		XA132	69			XA226	01			16B	9			MRW240	00	MRW240	00	1	TQ2	F3		35A	BIT 24 WORD ADR	
21817		XA132	70			XA229	43			16B	9			MRA21Q	02	MRW210	01	2	TQ2	E1		33A		
21824		XA132	71			XA132	76			16B	9			MWPDCB	14	MRW23A	01	1	TQ2	F2		36A		
21825		XA132	72											MRW23A	11	MRW23A	00	1	TQ2	F2		34A	BIT 23 WORD ADR *	
CONNECTOR XA132) CONTINUED ON THE NEXT PAGE ****																								

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Litton DATA SYSTEMS

DRAWING NUMBER 149304-880 UNIT ASSEMBLY NO. 149304 REV G INDEX XA132
UNIT ASSEMBLY CARD CAGE WIRED, MCU CONNECTOR FILE IDENT T39AMCMU DATE 09-02-82 PAGE 120

RECORD NUMBER	FROM PREFIX	FROM CONNECTOR	FROM PIN	FROM SH FG	TO PREFIX	TO CONNECTOR	TO PIN	TO SH FG	WIRE MULTI GROUP	WIRE CODE	WIRE COLOR	WIRE IDENT	SPEC TEST MISC	SIGNAL	SEC NO	EQUATION	TERM	PACKAGE	CAT OR CHIP TYPE	GRID	LOC OF POWER PLANE	TEST POINTS ANC OR	SIGNAL DESCRIPTION	ECO NO
21826		XA132	73			XA232	71			16B	9			MRA23P	01	MRW23A	01	2	TQ2	F2		36B		
21835		XA132	74			XA229	78			16B	9			MRA24Q	01	MRW24Q	01	2	TQ2	F3		35B		
21827		XA132	75			XA227	24			16B	9			MRW23Q	00	MRW23Q	00	1	TQ2	F1		37B	BIT 23 WORD ADR	
21830		XA132	76			XA132	77			16B	9			MWPDCB	15	MRW24A	01	1	TQ2	F4		37A		
21828		XA132	77			XA234	49			16B	9			MWPDCB	16	MRW23Q	01	1	TQ2	F1		38B		
21831		XA132	78			XA229	76			16B	9			MRA24P	01	MRW24A	01	2	TQ2	F4		38A		
21829		XA132	79											MRA23Q	02	MRW23Q	01	2	TQ2	F1		39B		
21832		XA132	80			XA226	06			16B	9			MRW24A	00	MRW24A	00	1	TQ2	F4		39A	BIT 24 WORD ADR *	
03354		XA133	01											SPP	01									
03355		XA133	02											GND	01									
03356		XA133	03											SPP	01									
03357		XA133	04											SPP	01									
03358		XA133	05											SPP	01									
03359		XA133	06											SPP	01									
03360		XA133	07											SPP	01									
03361		XA133	08											SPP	01									
03362		XA133	09											SPP	01									
03363		XA133	10											SPP	01									
03364		XA133	11											SPP	01									
03365		XA133	12											+5V	01									
03366		XA133	13											SPP	01									
03367		XA133	14											SPP	01									
03368		XA133	15											SPP	01									
03369		XA133	16											GND	01									
03370		XA133	17											SPP	01									
03371		XA133	18											SPP	01									
03372		XA133	19											SPP	01									
03373		XA133	20											SPP	01									
03374		XA133	21											SPP	01									
03375		XA133	22											SPP	01									
03376		XA133	23											SPP	01									
03377		XA133	24											SPP	01									
03378		XA133	25											SPP	01									
03379		XA133	26											SPP	01									
03380		XA133	27											SPP	01									
03381		XA133	28											+5V	01									
03382		XA133	29											SPP	01									
03383		XA133	30											SPP	01									
03384		XA133	31											SPP	01									
03385		XA133	32											GND	01									
03386		XA133	33											SPP	01									
03387		XA133	34											SPP	01									
03388		XA133	35											SPP	01									
03389		XA133	36											SPP	01									
03390		XA133	37											SPP	01									
03391		XA133	38											SPP	01									
03392		XA133	39											SPP	01									
03393		XA133	40											SPP	01									
CONNECTOR XA133) CONTINUED ON THE NEXT PAGE ****																								

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DRAWING NUMBER 149304-880 UNIT ASSEMBLY NO. 149304 REV G INDEX XA133
UNIT ASSEMBLY CARD CAGE WIRED, MCU CONNECTOR FILE IDENT T39AMCMU DATE 09-02-82 PAGE 121

RECORD NUMBER	FROM PREFIX	FROM CONNECTOR	FROM PIN	FROM SH FG	TO PREFIX	TO CONNECTOR	TO PIN	TO SH FG	WIRE MULTI GROUP	WIRE CODE	WIRE CO. DG	WIRE IDENT	SPC INST M.SL	SIGNAL	SPC NO	EQUATION	TERM FACTOR	CKT OR CHIP TYPE	GROUP	LOAD OR POWER PLANS	TEST POINTS AND	TEST POINTS OR	SIGNAL DESCRIPTION	ECO NO
03394		XA133	41											SPP	01									
03395		XA133	42											SPP	01									
03396		XA133	43											SPP	01									
03397		XA133	44											GND	01									
03398		XA133	45											SPP	01									
03399		XA133	46											SPP	01									
03400		XA133	47											SPP	01									
03401		XA133	48											SPP	01									
03402		XA133	49											SPP	01									
03403		XA133	50											SPP	01									
03404		XA133	51											SPP	01									
03405		XA133	52											SPP	01									
03406		XA133	53											SPP	01									
03407		XA133	54											SPP	01									
03408		XA133	55											SPP	01									
03409		XA133	56											SPP	01									
03410		XA133	57											SPP	01									
03411		XA133	58											GND	01									
03412		XA133	59											SPP	01									
03413		XA133	60											SPP	01									
03414		XA133	61											SPP	01									
03415		XA133	62											SPP	01									
03416		XA133	63											SPP	01									
03417		XA133	64											SPP	01									
03418		XA133	65											SPP	01									
03419		XA133	66											SPP	01									
03420		XA133	67											GND	01									
03421		XA133	68											SPP	01									
03422		XA133	69											SPP	01									
03423		XA133	70											SPP	01									
03424		XA133	71											SPP	01									
03425		XA133	72											SPP	01									
03426		XA133	73											SPP	01									
03427		XA133	74											SPP	01									
03428		XA133	75											SPP	01									
03429		XA133	76											SPP	01									
03430		XA133	77											SPP	01									
03431		XA133	78											SPP	01									
03432		XA133	79											SPP	01									
03433		XA133	80											SPP	01									
03434		XA134	01											SPP	01									
03435		XA134	02											GND	01									
03436		XA134	03											SPP	01									
03437		XA134	04											SPP	01									
03438		XA134	05											SPP	01									
03439		XA134	06											SPP	01									
03440		XA134	07											SPP	01									
03441		XA134	08											SPP	01									

CONNECTOR XA134) CONTINUED ON THE NEXT PAGE ****

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DRAWING NUMBER 149304-880 UNIT ASSEMBLY NO. 149304 REV G INDEX XA134
UNIT ASSEMBLY CARD CAGE WIRED, MCU CONNECTOR FILE IDENT T39AMCMU DATE 09-02-82 PAGE 122

RECORD NUMBER	FROM PREFIX	FROM CONNECTOR	FROM PIN	FROM SPC INST MISC	TO PREFIX	TO CONNECTOR	TO PIN	TO SPC INST MISC	WIRE MULTI GROUP	WIRE CODE	WIRE COLOR	WIRE IDENT	SPC INST MISC	SIGNAL	SEQ NO	EQUATION	TERM	FACTOR	CKT OR CHIP TYPE	GROUP	LOAD OR POWER PLANE	TEST POINTS GND	TEST POINTS DP	SIGNAL DESCRIPTION	ECO NO
03442		XA134	09											SPP	01										
03443		XA134	10											SPP	01										
03444		XA134	11											SPP	01										
03445		XA134	12											+5V	01										
03446		XA134	13											SPP	01										
03447		XA134	14											SPP	01										
03448		XA134	15											SPP	01										
03449		XA134	16											GND	01										
03450		XA134	17											SPP	01										
03451		XA134	18											SPP	01										
03452		XA134	19											SPP	01										
03453		XA134	20											SPP	01										
03454		XA134	21											SPP	01										
03455		XA134	22											SPP	01										
03456		XA134	23											SPP	01										
03457		XA134	24											SPP	01										
03458		XA134	25											SPP	01										
03459		XA134	26											SPP	01										
03460		XA134	27											SPP	01										
03461		XA134	28											+5V	01										
03462		XA134	29											SPP	01										
03463		XA134	30											SPP	01										
03464		XA134	31											SPP	01										
03465		XA134	32											GND	01										
03466		XA134	33											SPP	01										
03467		XA134	34											SPP	01										
03468		XA134	35											SPP	01										
03469		XA134	36											SPP	01										
03470		XA134	37											SPP	01										
03471		XA134	38											SPP	01										
03472		XA134	39											SPP	01										
03473		XA134	40											SPP	01										
03474		XA134	41											SPP	01										
03475		XA134	42											SPP	01										
03476		XA134	43											SPP	01										
03477		XA134	44											GND	01										
03478		XA134	45											SPP	01										
03479		XA134	46											SPP	01										
03480		XA134	47											SPP	01										
03481		XA134	48											SPP	01										
03482		XA134	49											SPP	01										
03483		XA134	50											SPP	01										
03484		XA134	51											SPP	01										
03485		XA134	52											SPP	01										
03486		XA134	53											SPP	01										
03487		XA134	54											SPP	01										
03488		XA134	55											SPP	01										
03489		XA134	56											SPP	01										
03490		XA134	57											SPP	01										
03491		XA134	58											GND	01										
CONNECTOR XA134) CONTINUED ON THE NEXT PAGE ****																									

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DRAWING NUMBER 149304-880 UNIT ASSEMBLY NO. 149304 REV G INDEX XA134

UNIT ASSEMBLY CARD CAGE WIRED, MCU CONNECTOR FILE IDENT T39AMCMU DATE 09-02-82 PAGE 123

RECORD NUMBER	FROM			SK FG	TO			SK FG	WIRE				SPC INST SEC	SIGNAL	SEQ NO	EQUATION	TERM	FACTOR	CKT OR CHIP TYPE	GRUP	LOAD OR POWER PLANE	TEST POINTS		SIGNAL DESCRIPTION	ECO NO
	PREFIX	CONNECTOR	PIN		PREFIX	CONNECTOR	PIN		MULTI GROUP	CODE	COLOR	IDENT											AND/OR		
03492		XA134	59											SPP	01										
03493		XA134	60											SPP	01										
03494		XA134	61											SPP	01										
03495		XA134	62											SPP	01										
03496		XA134	63											SPP	01										
03497		XA134	64											SPP	01										
03498		XA134	65											SPP	01										
03499		XA134	66											SPP	01										
03500		XA134	67											GND	01										
03501		XA134	68											SPP	01										
03502		XA134	69											SPP	01										
03503		XA134	70											SPP	01										
03504		XA134	71											SPP	01										
03505		XA134	72											SPP	01										
03506		XA134	73											SPP	01										
03507		XA134	74											SPP	01										
03508		XA134	75											SPP	01										
03509		XA134	76											SPP	01										
03510		XA134	77											SPP	01										
03511		XA134	78											SPP	01										
03512		XA134	79											SPP	01										
03513		XA134	80											SPP	01										
03514		XA135	01											SPP	01										
03515		XA135	02											GND	01										
03516		XA135	03											SPP	01										
03517		XA135	04											SPP	01										
03518		XA135	05											SPP	01										
03519		XA135	06											SPP	01										
03520		XA135	07											SPP	01										
03521		XA135	08											SPP	01										
03522		XA135	09											SPP	01										
03523		XA135	10											SPP	01										
03524		XA135	11											SPP	01										
03525		XA135	12											+5V	01										
03526		XA135	13											SPP	01										
03527		XA135	14											SPP	01										
03528		XA135	15											SPP	01										
03529		XA135	16											GND	01										
03530		XA135	17											SPP	01										
03531		XA135	18											SPP	01										
03532		XA135	19											SPP	01										
03533		XA135	20											SPP	01										
03534		XA135	21											SPP	01										
03535		XA135	22											SPP	01										
03536		XA135	23											SPP	01										
03537		XA135	24											SPP	01										
03538		XA135	25											SPP	01										
03539		XA135	26											SPP	01										
CONNECTOR		XA135	) CONTINUED ON THE NEXT PAGE ****																						

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RECORD NUMBER	FROM PREFIX	FROM CONNECTOR	FROM PIN	FROM SHRD	TO PREFIX	TO CONNECTOR	TO PIN	TO SHRD	WIRE MULTI GROUP	WIRE CODE	WIRE COLOR	WIRE IDENT	SPEC INST WISE	SIGNAL	SEC NO	EQUATION	TERM	FACTOR	CKT OR CHIP TYPE	GROUP	LOAD OR POWER PLANE	TEST POINTS AND/OR	SIGNAL DESCRIPTION	ECO NO
03540		XA135	27											SPP	01									
03541		XA135	28											+5V	01									
03542		XA135	29											SPP	01									
03543		XA135	30											SPP	01									
03544		XA135	31											SPP	01									
03545		XA135	32											GND	01									
03546		XA135	33											SPP	01									
03547		XA135	34											SPP	01									
03548		XA135	35											SPP	01									
03549		XA135	36											SPP	01									
03550		XA135	37											SPP	01									
03551		XA135	38											SPP	01									
03552		XA135	39											SPP	01									
03553		XA135	40											SPP	01									
03554		XA135	41											SPP	01									
03555		XA135	42											SPP	01									
03556		XA135	43											SPP	01									
03557		XA135	44											GND	01									
03558		XA135	45											SPP	01									
03559		XA135	46											SPP	01									
03560		XA135	47											SPP	01									
03561		XA135	48											SPP	01									
03562		XA135	49											SPP	01									
03563		XA135	50											SPP	01									
03564		XA135	51											SPP	01									
03565		XA135	52											SPP	01									
03566		XA135	53											SPP	01									
03567		XA135	54											SPP	01									
03568		XA135	55											SPP	01									
03569		XA135	56											SPP	01									
03570		XA135	57											SPP	01									
03571		XA135	58											GND	01									
03572		XA135	59											SPP	01									
03573		XA135	60											SPP	01									
03574		XA135	61											SPP	01									
03575		XA135	62											SPP	01									
03576		XA135	63											SPP	01									
03577		XA135	64											SPP	01									
03578		XA135	65											SPP	01									
03579		XA135	66											SPP	01									
03580		XA135	67											GND	01									
03581		XA135	68											SPP	01									
03582		XA135	69											SPP	01									
03583		XA135	70											SPP	01									
03584		XA135	71											SPP	01									
03585		XA135	72											SPP	01									
03586		XA135	73											SPP	01									
03587		XA135	74											SPP	01									
03588		XA135	75											SPP	01									
03589		XA135	76											SPP	01									

CONNECTOR (XA135) CONTINUED ON THE NEXT PAGE ****

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RECORD NUMBER	FROM			SH TO	TO			SH TO	WIRE				SPL INST SPL WIRE	SIGNAL	SEQ NO	EQUATION	TERM	FACTOR	CKT OR CMP TYPE	GROUP	LOAD OR POWER FLAGS	TEST POINTS AND OR	SIGNAL DESCRIPTION	ECO NO
	PREFIX	CONNECTOR	PIN		PREFIX	CONNECTOR	PIN		MULTI GROUP	CODE	COLOR	IDENT											
03590		XA135	77											SPP	01								
03591		XA135	78											SPP	01								
03592		XA135	79											SPP	01								
03593		XA135	80											SPP	01								
03594		XA136	01											SPP	01								
03595		XA136	02											GND	01								
03596		XA136	03											SPP	01								
03597		XA136	04											SPP	01								
03598		XA136	05											SPP	01								
03599		XA136	06											SPP	01								
03600		XA136	07											SPP	01								
03601		XA136	08											SPP	01								
03602		XA136	09											SPP	01								
03603		XA136	10											SPP	01								
03604		XA136	11											SPP	01								
03605		XA136	12											+5V	01								
03606		XA136	13											SPP	01								
03607		XA136	14											SPP	01								
03608		XA136	15											SPP	01								
03609		XA136	16											GND	01								
03610		XA136	17											SPP	01								
03611		XA136	18											SPP	01								
03612		XA136	19											SPP	01								
03613		XA136	20											SPP	01								
03614		XA136	21											SPP	01								
03615		XA136	22											SPP	01								
03616		XA136	23											SPP	01								
03617		XA136	24											SPP	01								
03618		XA136	25											SPP	01								
03619		XA136	26											SPP	01								
03620		XA136	27											SPP	01								
03621		XA136	28											+5V	01								
03622		XA136	29											SPP	01								
03623		XA136	30											SPP	01								
03624		XA136	31											SPP	01								
03625		XA136	32											GND	01								
03626		XA136	33											SPP	01								
03627		XA136	34											SPP	01								
03628		XA136	35											SPP	01								
03629		XA136	36											SPP	01								
03630		XA136	37											SPP	01								
03631		XA136	38											SPP	01								
03632		XA136	39											SPP	01								
03633		XA136	40											SPP	01								
03634		XA136	41											SPP	01								
03635		XA136	42											SPP	01								
03636		XA136	43											SPP	01								
03637		XA136	44											GND	01								

CONNECTOR XA136) CONTINUED ON THE NEXT PAGE ****

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DRAWING NUMBER 149304-880 UNIT ASSEMBLY NO. 149304 REV G INDEX XA136
UNIT ASSEMBLY CARD CAGE WIRED, MCU CONNECTOR FILE IDENT T39AMCMU DATE 09-02-82 PAGE 126

RECORD NUMBER	FROM PREFIX	FROM CONNECTOR	FROM PIN	SH FG	TO PREFIX	TO CONNECTOR	TO PIN	SH FG	WIRE MULTI GROUP	WIRE CODE	WIRE COLOR	WIRE IDENT	SPEC INST MISC	SIGNAL	SEQ NO	EQUATION	TERM	FACTOR	ENT OR CNCTR TYPE	GHAT	LOAD OF DOWN PLANE	TEST POINTS AND	TEST POINTS OF	SIGNAL DESCRIPTION	ECO NO
03638		XA136	45											SPP	01										
03639		XA136	46											SPP	01										
03640		XA136	47											SPP	01										
03641		XA136	48											SPP	01										
03642		XA136	49											SPP	01										
03643		XA136	50											SPP	01										
03644		XA136	51											SPP	01										
03645		XA136	52											SPP	01										
03646		XA136	53											SPP	01										
03647		XA136	54											SPP	01										
03648		XA136	55											SPP	01										
03649		XA136	56											SPP	01										
03650		XA136	57											SPP	01										
03651		XA136	58											GND	01										
03652		XA136	59											SPP	01										
03653		XA136	60											SPP	01										
03654		XA136	61											SPP	01										
03655		XA136	62											SPP	01										
03656		XA136	63											SPP	01										
03657		XA136	64											SPP	01										
03658		XA136	65											SPP	01										
03659		XA136	66											SPP	01										
03660		XA136	67											GND	01										
03661		XA136	68											SPP	01										
03662		XA136	69											SPP	01										
03663		XA136	70											SPP	01										
03664		XA136	71											SPP	01										
03665		XA136	72											SPP	01										
03666		XA136	73											SPP	01										
03667		XA136	74											SPP	01										
03668		XA136	75											SPP	01										
03669		XA136	76											SPP	01										
03670		XA136	77											SPP	01										
03671		XA136	78											SPP	01										
03672		XA136	79											SPP	01										
03673		XA136	80											SPP	01										
03674		XA137	01											SPP	01										
03675		XA137	02											GND	01										
03676		XA137	03											SPP	01										
03677		XA137	04											SPP	01										
03678		XA137	05											SPP	01										
03679		XA137	06											SPP	01										
03680		XA137	07											SPP	01										
03681		XA137	08											SPP	01										
03682		XA137	09											SPP	01										
03683		XA137	10											SPP	01										
03684		XA137	11											SPP	01										
03685		XA137	12											+5V	01										
CONNECTOR XA137) CONTINUED ON THE NEXT PAGE ****																									

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Litton DATA SYSTEMS

DRAWING NUMBER 149304-880 UNIT ASSEMBLY NO. 149304 REV G INDEX XA137

UNIT ASSEMBLY CARD CAGE WIRED, MCU CONNECTOR FILE IDENT T39AMCMU DATE 09-02-82 PAGE 127

RECORD NUMBER	FROM PREFIX	FROM CONNECTOR	FROM PIN	FROM SHEET NO	TO PREFIX	TO CONNECTOR	TO PIN	TO SHEET NO	WIRE MULTI-WRAP	WIRE CODE	WIRE COLOR	WIRE GAUGE	SPECIAL NOTICE	SIGNAL	SIGNAL SEQ NO	EQUATION	TERM FACTOR	CAT OR CAP TYPE	CAP GAP	LOAD OR POWER PLANE	TEST POINTS AND	TEST POINTS OR	SIGNAL DESCRIPTION	SIGNAL SEQ NO
03686		XA137	13											SPP	01									
03687		XA137	14											SPP	01									
03688		XA137	15											SPP	01									
03689		XA137	16											GND	01									
03690		XA137	17											SPP	01									
03691		XA137	18											SPP	01									
03692		XA137	19											SPP	01									
03693		XA137	20											SPP	01									
03694		XA137	21											SPP	01									
03695		XA137	22											SPP	01									
03696		XA137	23											SPP	01									
03697		XA137	24											SPP	01									
03698		XA137	25											SPP	01									
03699		XA137	26											SPP	01									
03700		XA137	27											SPP	01									
03701		XA137	28											+5V	01									
03702		XA137	29											SPP	01									
03703		XA137	30											SPP	01									
03704		XA137	31											SPP	01									
03705		XA137	32											GND	01									
03706		XA137	33											SPP	01									
03707		XA137	34											SPP	01									
03708		XA137	35											SPP	01									
03709		XA137	36											SPP	01									
03710		XA137	37											SPP	01									
03711		XA137	38											SPP	01									
03712		XA137	39											SPP	01									
03713		XA137	40											SPP	01									
03714		XA137	41											SPP	01									
03715		XA137	42											SPP	01									
03716		XA137	43											SPP	01									
03717		XA137	44											GND	01									
03718		XA137	45											SPP	01									
03719		XA137	46											SPP	01									
03720		XA137	47											SPP	01									
03721		XA137	48											SPP	01									
03722		XA137	49											SPP	01									
03723		XA137	50											SPP	01									
03724		XA137	51											SPP	01									
03725		XA137	52											SPP	01									
03726		XA137	53											SPP	01									
03727		XA137	54											SPP	01									
03728		XA137	55											SPP	01									
03729		XA137	56											SPP	01									
03730		XA137	57											SPP	01									
03731		XA137	58											GND	01									
03732		XA137	59											SPP	01									
03733		XA137	60											SPP	01									
03734		XA137	61											SPP	01									
03735		XA137	62											SPP	01									

CONNECTOR XA137) CONTINUED ON THE NEXT PAGE ****

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Litton DATA SYSTEMS

DRAWING NUMBER 149304-880 UNIT ASSEMBLY NO. 149304 REV G INDEX XA137
UNIT ASSEMBLY CARD CAGE WIRED, MCU CONNECTOR FILE IDENT T39AMCMU DATE 09-02-82 PAGE 128

RECORD NUMBER	FROM			SH TO	TO			SH FR	WIRE				SPEC INST MISC	SIGNAL	SEC NO	EQUATION	TERM	CAT ON	CAT OR CHIP TYPE	JUMP	LOAD OF POWER PLANE	TEST POINTS AND/OR	SIGNAL DESIGNATION	ECO NO
	PREFIX	CONNECTOR	PIN		PREFIX	CONNECTOR	PIN		MULTI GROUP	CODE	COLOR	IDENT												
03736		XA137	63											SPP	01									
03737		XA137	64											SPP	01									
03738		XA137	65											SPP	01									
03739		XA137	66											SPP	01									
03740		XA137	67											GND	01									
03741		XA137	68											SPP	01									
03742		XA137	69											SPP	01									
03743		XA137	70											SPP	01									
03744		XA137	71											SPP	01									
03745		XA137	72											SPP	01									
03746		XA137	73											SPP	01									
03747		XA137	74											SPP	01									
03748		XA137	75											SPP	01									
03749		XA137	76											SPP	01									
03750		XA137	77											SPP	01									
03751		XA137	78											SPP	01									
03752		XA137	79											SPP	01									
03753		XA137	80											SPP	01									
03754		XA138	01											SPP	01									
03755		XA138	02											GND	01									
03756		XA138	03											SPP	01									
03757		XA138	04											SPP	01									
03758		XA138	05											SPP	01									
03759		XA138	06											SPP	01									
03760		XA138	07											SPP	01									
03761		XA138	08											SPP	01									
03762		XA138	09											SPP	01									
03763		XA138	10											SPP	01									
03764		XA138	11											SPP	01									
03765		XA138	12											+5V	01									
03766		XA138	13											SPP	01									
03767		XA138	14											SPP	01									
03768		XA138	15											SPP	01									
03769		XA138	16											GND	01									
03770		XA138	17											SPP	01									
03771		XA138	18											SPP	01									
03772		XA138	19											SPP	01									
03773		XA138	20											SPP	01									
03774		XA138	21											SPP	01									
03775		XA138	22											SPP	01									
03776		XA138	23											SPP	01									
03777		XA138	24											SPP	01									
03778		XA138	25											SPP	01									
03779		XA138	26											SPP	01									
03780		XA138	27											SPP	01									
03781		XA138	28											+5V	01									
03782		XA138	29											SPP	01									
03783		XA138	30											SPP	01									
CONNECTOR (XA138) CONTINUED ON THE NEXT PAGE ****																								

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DRAWING NUMBER 149304-880 UNIT ASSEMBLY NO. 149304 REV G INDEX XA138

UNIT ASSEMBLY CARD CAGE WIRED, MCU CONNECTOR FILE IDENT T39AMCMU DATE 09-02-82 PAGE 129

RECORD NUMBER	FROM			SH FG	TO			SH FG	WIRE				SPT INST MISC	SIGNAL	SEG NO	EQUATION	TERM FACTOR	CKT OR CHIP TYPE	GROUP	LOAD OR POWER PLANE	TEST POINTS		SIGNAL DESCRIPTION	ECO NO
	PREFIX	CONNECTOR	PIN		PREFIX	CONNECTOR	PIN		MULTI GROUP	CODE	COLOR	IDENT									ANC	OR		
03784		XA138	31											SPP	01									
03785		XA138	32											GND	01									
03786		XA138	33											SPP	01									
03787		XA138	34											SPP	01									
03788		XA138	35											SPP	01									
03789		XA138	36											SPP	01									
03790		XA138	37											SPP	01									
03791		XA138	38											SPP	01									
03792		XA138	39											SPP	01									
03793		XA138	40											SPP	01									
03794		XA138	41											SPP	01									
03795		XA138	42											SPP	01									
03796		XA138	43											SPP	01									
03797		XA138	44											GND	01									
03798		XA138	45											SPP	01									
03799		XA138	46											SPP	01									
03800		XA138	47											SPP	01									
03801		XA138	48											SPP	01									
03802		XA138	49											SPP	01									
03803		XA138	50											SPP	01									
03804		XA138	51											SPP	01									
03805		XA138	52											SPP	01									
03806		XA138	53											SPP	01									
03807		XA138	54											SPP	01									
03808		XA138	55											SPP	01									
03809		XA138	56											SPP	01									
03810		XA138	57											SPP	01									
03811		XA138	58											GND	01									
03812		XA138	59											SPP	01									
03813		XA138	60											SPP	01									
03814		XA138	61											SPP	01									
03815		XA138	62											SPP	01									
03816		XA138	63											SPP	01									
03817		XA138	64											SPP	01									
03818		XA138	65											SPP	01									
03819		XA138	66											SPP	01									
03820		XA138	67											GND	01									
03821		XA138	68											SPP	01									
03822		XA138	69											SPP	01									
03823		XA138	70											SPP	01									
03824		XA138	71											SPP	01									
03825		XA138	72											SPP	01									
03826		XA138	73											SPP	01									
03827		XA138	74											SPP	01									
03828		XA138	75											SPP	01									
03829		XA138	76											SPP	01									
03830		XA138	77											SPP	01									
03831		XA138	78											SPP	01									
03832		XA138	79											SPP	01									
03833		XA138	80											SPP	01									

Litton DATA SYSTEMS

DRAWING NUMBER 149304-880 UNIT ASSEMBLY NO. 149304 REV G INDEX XA139

UNIT ASSEMBLY CARD CAGE WIRED, MCU CONNECTOR FILE IDENT T39AMCMU DATE 09-02-82 PAGE 130

RECORD NUMBER	FROM			SH FG	TO			SH FG	WIRE				SPL EXT SHIELD	SIGNAL	SEQ NO	EQUATION	TERM FACTOR	CNT OR CHIP TYPE	GROUP	LOAD OF POWER PLANE	TEST POINTS		SIGNAL DESCRIPTION	ECO NO
	PREFIX	CONNECTOR	PIN		PREFIX	CONNECTOR	PIN		MULTI GROUP	CODE	COLOR	IDENT									AND	OR		
03834		XA139	01											SPP	01									
03835		XA139	02											GND	01									
03836		XA139	03											SPP	01									
03837		XA139	04											SPP	01									
03838		XA139	05											SPP	01									
03839		XA139	06											SPP	01									
03840		XA139	07											SPP	01									
03841		XA139	08											SPP	01									
03842		XA139	09											SPP	01									
03843		XA139	10											SPP	01									
03844		XA139	11											SPP	01									
03845		XA139	12											+5V	01									
03846		XA139	13											SPP	01									
03847		XA139	14											SPP	01									
03848		XA139	15											SPP	01									
03849		XA139	16											GND	01									
03850		XA139	17											SPP	01									
03851		XA139	18											SPP	01									
03852		XA139	19											SPP	01									
03853		XA139	20											SPP	01									
03854		XA139	21											SPP	01									
03855		XA139	22											SPP	01									
03856		XA139	23											SPP	01									
03857		XA139	24											SPP	01									
03858		XA139	25											SPP	01									
03859		XA139	26											SPP	01									
03860		XA139	27											SPP	01									
03861		XA139	28											+5V	01									
03862		XA139	29											SPP	01									
03863		XA139	30											SPP	01									
03864		XA139	31											SPP	01									
03865		XA139	32											GND	01									
03866		XA139	33											SPP	01									
03867		XA139	34											SPP	01									
03868		XA139	35											SPP	01									
03869		XA139	36											SPP	01									
03870		XA139	37											SPP	01									
03871		XA139	38											SPP	01									
03872		XA139	39											SPP	01									
03873		XA139	40											SPP	01									
03874		XA139	41											SPP	01									
03875		XA139	42											SPP	01									
03876		XA139	43											SPP	01									
03877		XA139	44											GND	01									
03878		XA139	45											SPP	01									
03879		XA139	46											SPP	01									
03880		XA139	47											SPP	01									
03881		XA139	48											SPP	01									
03882		XA139	49											SPP	01									
03883		XA139	50											SPP	01									

CONNECTOR (XA139) CONTINUED ON THE NEXT PAGE ****

RECORD NUMBER	FROM PREFIX	FROM CONNECTOR	FROM PIN	FROM SH & G	TO PREFIX	TO CONNECTOR	TO PIN	TO SH & G	WIRE MULTI GROUP	WIRE CODE	WIRE COLOR	WIRE IDENT	SPEC INST MISC	SIGNAL	SEQ NO	EQUATION	TERM FACTOR	CKT OR CHIP TYPE	GROUP	LOAD OR POWER PLANE	TEST POINTS AND/OR	SIGNAL DESCRIPTION	ECO NO
03884		XA139	51											SPP	01								
03885		XA139	52											SPP	01								
03886		XA139	53											SPP	01								
03887		XA139	54											SPP	01								
03888		XA139	55											SPP	01								
03889		XA139	56											SPP	01								
03890		XA139	57											SPP	01								
03891		XA139	58											GND	01								
03892		XA139	59											SPP	01								
03893		XA139	60											SPP	01								
03894		XA139	61											SPP	01								
03895		XA139	62											SPP	01								
03896		XA139	63											SPP	01								
03897		XA139	64											SPP	01								
03898		XA139	65											SPP	01								
03899		XA139	66											SPP	01								
03900		XA139	67											GND	01								
03901		XA139	68											SPP	01								
03902		XA139	69											SPP	01								
03903		XA139	70											SPP	01								
03904		XA139	71											SPP	01								
03905		XA139	72											SPP	01								
03906		XA139	73											SPP	01								
03907		XA139	74											SPP	01								
03908		XA139	75											SPP	01								
03909		XA139	76											SPP	01								
03910		XA139	77											SPP	01								
03911		XA139	78											SPP	01								
03912		XA139	79											SPP	01								
03913		XA139	80											SPP	01								
03914		XA140	01											SPP	01								
03915		XA140	02											GND	01								
03916		XA140	03											SPP	01								
03917		XA140	04											SPP	01								
03918		XA140	05											SPP	01								
03919		XA140	06											SPP	01								
03920		XA140	07											SPP	01								
03921		XA140	08											SPP	01								
03922		XA140	09											SPP	01								
03923		XA140	10											SPP	01								
03924		XA140	11											SPP	01								
03925		XA140	12											+5V	01								
03926		XA140	13											SPP	01								
03927		XA140	14											SPP	01								
03928		XA140	15											SPP	01								
03929		XA140	16											GND	01								
03930		XA140	17											SPP	01								
03931		XA140	18											SPP	01								
CONNECTOR XA140) CONTINUED ON THE NEXT PAGE ****																							

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RECORD NUMBER	FROM				TO				WIRE					SIGNAL	SEC NO	EQUATION	TERM	TERM FACTOR	CKT OR CMP TYPE	SWAP	LOAD OR POWER PLANE	TEST POINTS		SIGNAL DESCRIPTION	ECO NO
	PREFIX	CONNECTOR	PIN	SH FG	PREFIX	CONNECTOR	PIN	SH FG	MULT GROUP	CODE	COLOR	IDENT	SPEC TEST MISC									ANCHOR			
03932		XA140	19											SPP	01										
03933		XA140	20											SPP	01										
03934		XA140	21											SPP	01										
03935		XA140	22											SPP	01										
03936		XA140	23											SPP	01										
03937		XA140	24											SPP	01										
03938		XA140	25											SPP	01										
03939		XA140	26											SPP	01										
03940		XA140	27											SPP	01										
03941		XA140	28											+5V	01										
03942		XA140	29											SPP	01										
03943		XA140	30											SPP	01										
03944		XA140	31											SPP	01										
03945		XA140	32											GND	01										
03946		XA140	33											SPP	01										
03947		XA140	34											SPP	01										
03948		XA140	35											SPP	01										
03949		XA140	36											SPP	01										
03950		XA140	37											SPP	01										
03951		XA140	38											SPP	01										
03952		XA140	39											SPP	01										
03953		XA140	40											SPP	01										
03954		XA140	41											SPP	01										
03955		XA140	42											SPP	01										
03956		XA140	43											SPP	01										
03957		XA140	44											GND	01										
03958		XA140	45											SPP	01										
03959		XA140	46											SPP	01										
03960		XA140	47											SPP	01										
03961		XA140	48											SPP	01										
03962		XA140	49											SPP	01										
03963		XA140	50											SPP	01										
03964		XA140	51											SPP	01										
03965		XA140	52											SPP	01										
03966		XA140	53											SPP	01										
03967		XA140	54											SPP	01										
03968		XA140	55											SPP	01										
03969		XA140	56											SPP	01										
03970		XA140	57											SPP	01										
03971		XA140	58											GND	01										
03972		XA140	59											SPP	01										
03973		XA140	60											SPP	01										
03974		XA140	61											SPP	01										
03975		XA140	62											SPP	01										
03976		XA140	63											SPP	01										
03977		XA140	64											SPP	01										
03978		XA140	65											SPP	01										
03979		XA140	66											SPP	01										
03980		XA140	67											GND	01										
03981		XA140	68											SPP	01										
CONNECTOR XA140) CONTINUED ON THE NEXT PAGE ****																									

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Litton UNIT ASSEMBLY NAME CARD CAGE WIRED, MCU T39AMCMU

RECORD NUMBER	FROM PREFIX	FROM CONNECTOR	FROM PIN	FROM SHIELD	TO PREFIX	TO CONNECTOR	TO PIN	TO SHIELD	WIRE MULTI GROUP	WIRE CODE	WIRE COLOR	WIRE IDENT	SPEC INST MISC	SIGNAL	SIG NO	EQUATION	TERM FACTOR	CKT OR CHIP TYPE	GROUP	LOAD OR POWER PLANE	TEST POINTS AND/OR	SIGNAL DESCRIPTION	ECO NO
03982		XA140	69											SPP	01								
03983		XA140	70											SPP	01								
03984		XA140	71											SPP	01								
03985		XA140	72											SPP	01								
03986		XA140	73											SPP	01								
03987		XA140	74											SPP	01								
03988		XA140	75											SPP	01								
03989		XA140	76											SPP	01								
03990		XA140	77											SPP	01								
03991		XA140	78											SPP	01								
03992		XA140	79											SPP	01								
03993		XA140	80											SPP	01								
03994		XA141	01											SPP	01								
03995		XA141	02											GND	01								
03996		XA141	03											SPP	01								
03997		XA141	04											SPP	01								
03998		XA141	05											SPP	01								
03999		XA141	06											SPP	01								
04000		XA141	07											SPP	01								
04001		XA141	08											SPP	01								
04002		XA141	09											SPP	01								
04003		XA141	10											SPP	01								
04004		XA141	11											SPP	01								
04005		XA141	12											+5V	01								
04006		XA141	13											SPP	01								
04007		XA141	14											SPP	01								
04008		XA141	15											SPP	01								
04009		XA141	16											GND	01								
04010		XA141	17											SPP	01								
04011		XA141	18											SPP	01								
04012		XA141	19											SPP	01								
04013		XA141	20											SPP	01								
04014		XA141	21											SPP	01								
04015		XA141	22											SPP	01								
04016		XA141	23											SPP	01								
04017		XA141	24											SPP	01								
04018		XA141	25											SPP	01								
04019		XA141	26											SPP	01								
04020		XA141	27											SPP	01								
04021		XA141	28											+5V	01								
04022		XA141	29											SPP	01								
04023		XA141	30											SPP	01								
04024		XA141	31											SPP	01								
04025		XA141	32											GND	01								
04026		XA141	33											SPP	01								
04027		XA141	34											SPP	01								
04028		XA141	35											SPP	01								
04029		XA141	36											SPP	01								

CONNECTOR (XA141) CONTINUED ON THE NEXT PAGE ****

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Litton DATA SYSTEMS

DRAWING NUMBER 149304-880 UNIT ASSEMBLY NO. 149304 REV G INDEX XA141
UNIT ASSEMBLY CARD CAGE WIRED, MCU CONNECTOR FILE IDENT T39AMCMU DATE 09-02-82 PAGE 134

RECORD NUMBER	FROM			SH FG	TO			SH FG	WIRE				SPEC TEST MISC	SIGNAL	SEQ NO	EQUATION	TERM	FACTOR	CKT OR CHIP TYPE	GNDAM	LOAD OF POWER PLANE	TEST POINTS		SIGNAL DESCRIPTION	ECO NO
	PREFIX	CONNECTOR	PIN		PREFIX	CONNECTOR	PIN		MULTI GROUP	CODE	COLOR	IDENT										AND	OR		
04030		XA141	37											SPP	01										
04031		XA141	38											SPP	01										
04032		XA141	39											SPP	01										
04033		XA141	40											SPP	01										
04034		XA141	41											SPP	01										
04035		XA141	42											SPP	01										
04036		XA141	43											SPP	01										
04037		XA141	44											GND	01										
04038		XA141	45											SPP	01										
04039		XA141	46											SPP	01										
04040		XA141	47											SPP	01										
04041		XA141	48											SPP	01										
04042		XA141	49											SPP	01										
04043		XA141	50											SPP	01										
04044		XA141	51											SPP	01										
04045		XA141	52											SPP	01										
04046		XA141	53											SPP	01										
04047		XA141	54											SPP	01										
04048		XA141	55											SPP	01										
04049		XA141	56											SPP	01										
04050		XA141	57											SPP	01										
04051		XA141	58											GND	01										
04052		XA141	59											SPP	01										
04053		XA141	60											SPP	01										
04054		XA141	61											SPP	01										
04055		XA141	62											SPP	01										
04056		XA141	63											SPP	01										
04057		XA141	64											SPP	01										
04058		XA141	65											SPP	01										
04059		XA141	66											SPP	01										
04060		XA141	67											GND	01										
04061		XA141	68											SPP	01										
04062		XA141	69											SPP	01										
04063		XA141	70											SPP	01										
04064		XA141	71											SPP	01										
04065		XA141	72											SPP	01										
04066		XA141	73											SPP	01										
04067		XA141	74											SPP	01										
04068		XA141	75											SPP	01										
04069		XA141	76											SPP	01										
04070		XA141	77											SPP	01										
04071		XA141	78											SPP	01										
04072		XA141	79											SPP	01										
04073		XA141	80											SPP	01										
04074		XA142	01											SPP	01										
04075		XA142	02											GND	01										
04076		XA142	03											SPP	01										
04077		XA142	04											SPP	01										
CONNECTOR XA142) CONTINUED ON THE NEXT PAGE ****																									

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Litton DATA SYSTEMS

DRAWING NUMBER 149304-880 UNIT ASSEMBLY NO. 149304 REV G INDEX XA142
UNIT ASSEMBLY CARD CAGE WIRED, MCU CONNECTOR FILE IDENT T39AMCMU DATE 09-02-82 PAGE 135

RECORD NUMBER	FROM PREFIX	FROM CONNECTOR	FROM PIN	FROM SHIELD	TO PREFIX	TO CONNECTOR	TO PIN	TO SHIELD	WIRE WIRE GROUP	WIRE CODE	WIRE COLOR	WIRE GENT	SPECIAL INSTR	SIGNAL	SEQ NO	EQUATION	TERM FACTOR	TERM FACTOR	CKT OR CHIP TYPE	GROUP	LOAD OR POWER PLANE	TEST POINTS AND	TEST POINTS OR	SIGNAL DESCRIPTION	ECO NO
04078		XA142	05											SPP	01										
04079		XA142	06											SPP	01										
04080		XA142	07											SPP	01										
04081		XA142	08											SPP	01										
04082		XA142	09											SPP	01										
04083		XA142	10											SPP	01										
04084		XA142	11											SPP	01										
04085		XA142	12											+5V	01										
04086		XA142	13											SPP	01										
04087		XA142	14											SPP	01										
04088		XA142	15											SPP	01										
04089		XA142	16											GND	01										
04090		XA142	17											SPP	01										
04091		XA142	18											SPP	01										
04092		XA142	19											SPP	01										
04093		XA142	20											SPP	01										
04094		XA142	21											SPP	01										
04095		XA142	22											SPP	01										
04096		XA142	23											SPP	01										
04097		XA142	24											SPP	01										
04098		XA142	25											SPP	01										
04099		XA142	26											SPP	01										
04100		XA142	27											SPP	01										
04101		XA142	28											+5V	01										
04102		XA142	29											SPP	01										
04103		XA142	30											SPP	01										
04104		XA142	31											SPP	01										
04105		XA142	32											GND	01										
04106		XA142	33											SPP	01										
04107		XA142	34											SPP	01										
04108		XA142	35											SPP	01										
04109		XA142	36											SPP	01										
04110		XA142	37											SPP	01										
04111		XA142	38											SPP	01										
04112		XA142	39											SPP	01										
04113		XA142	40											SPP	01										
04114		XA142	41											SPP	01										
04115		XA142	42											SPP	01										
04116		XA142	43											SPP	01										
04117		XA142	44											GND	01										
04118		XA142	45											SPP	01										
04119		XA142	46											SPP	01										
04120		XA142	47											SPP	01										
04121		XA142	48											SPP	01										
04122		XA142	49											SPP	01										
04123		XA142	50											SPP	01										
04124		XA142	51											SPP	01										
04125		XA142	52											SPP	01										
04126		XA142	53											SPP	01										
04127		XA142	54											SPP	01										

CONNECTOR XA142 CONTINUED ON THE NEXT PAGE ****

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DRAWING NUMBER 149304-880 UNIT ASSEMBLY NO. 149304 REV G INDEX XA142

UNIT ASSEMBLY CARD CAGE WIRED, MCU CONNECTOR FILE IDENT T39AMCMU DATE 09-02-82 PAGE 136

RECORD NUMBER	FROM				TO				WIRE					SIGNAL	SEC NO	EQUATION	TERM	FACTOR	CKT OR CHIP TYPE	GROUP	LOAD OR POWER PLANE	TEST POINTS AND/OR	SIGNAL DESCRIPTION	ECO NO
	PREFIX	CONNECTOR	PIN	SHEET	PREFIX	CONNECTOR	PIN	SHEET	MULTI GROUP	CODE	COLOR	IDENT	SPEC INST MISC											
04128		XA142	55											SPP	01									
04129		XA142	56											SPP	01									
04130		XA142	57											SPP	01									
04131		XA142	58											GND	01									
04132		XA142	59											SPP	01									
04133		XA142	60											SPP	01									
04134		XA142	61											SPP	01									
04135		XA142	62											SPP	01									
04136		XA142	63											SPP	01									
04137		XA142	64											SPP	01									
04138		XA142	65											SPP	01									
04139		XA142	66											SPP	01									
04140		XA142	67											GND	01									
04141		XA142	68											SPP	01									
04142		XA142	69											SPP	01									
04143		XA142	70											SPP	01									
04144		XA142	71											SPP	01									
04145		XA142	72											SPP	01									
04146		XA142	73											SPP	01									
04147		XA142	74											SPP	01									
04148		XA142	75											SPP	01									
04149		XA142	76											SPP	01									
04150		XA142	77											SPP	01									
04151		XA142	78											SPP	01									
04152		XA142	79											SPP	01									
04153		XA142	80											SPP	01									
04154		XA143	01											SPP	01									
04155		XA143	02											GND	01									
04156		XA143	03											SPP	01									
04157		XA143	04											SPP	01									
04158		XA143	05											SPP	01									
04159		XA143	06											SPP	01									
04160		XA143	07											SPP	01									
04161		XA143	08											SPP	01									
04162		XA143	09											SPP	01									
04163		XA143	10											SPP	01									
04164		XA143	11											SPP	01									
04165		XA143	12											+5V	01									
04166		XA143	13											SPP	01									
04167		XA143	14											SPP	01									
04168		XA143	15											SPP	01									
04169		XA143	16											GND	01									
04170		XA143	17											SPP	01									
04171		XA143	18											SPP	01									
04172		XA143	19											SPP	01									
04173		XA143	20											SPP	01									
04174		XA143	21											SPP	01									
04175		XA143	22											SPP	01									
CONNECTOR XA143 CONTINUED ON THE NEXT PAGE ****																								

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Litton DATA SYSTEMS

DRAWING NUMBER 149304-880 UNIT ASSEMBLY NO. 149304 REV G INDEX XA143
UNIT ASSEMBLY CARD CAGE WIRED, MCU CONNECTOR FILE IDENT T39AMCMU DATE 09-02-82 PAGE 137

RECORD NUMBER	FROM				TO				WIRE					SIGNAL	SEQ NO	EQUATION	TERM	FACTOR	CKT OR CHIP TYPE	GROUP	LOAD OR POWER PLANE	TEST POINTS		SIGNAL DESCRIPTION	ECO NO
	PREFIX	CONNECTOR	PIN	SH FG	PREFIX	CONNECTOR	PIN	SH FG	MULTI GROUP	CODE	COLOR	IDENT	SPEC INST MISC									AND	OR		
04176		XA143	23											SPP	01										
04177		XA143	24											SPP	01										
04178		XA143	25											SPP	01										
04179		XA143	26											SPP	01										
04180		XA143	27											SPP	01										
04181		XA143	28											+5V	01										
04182		XA143	29											SPP	01										
04183		XA143	30											SPP	01										
04184		XA143	31											SPP	01										
04185		XA143	32											GND	01										
04186		XA143	33											SPP	01										
04187		XA143	34											SPP	01										
04188		XA143	35											SPP	01										
04189		XA143	36											SPP	01										
04190		XA143	37											SPP	01										
04191		XA143	38											SPP	01										
04192		XA143	39											SPP	01										
04193		XA143	40											SPP	01										
04194		XA143	41											SPP	01										
04195		XA143	42											SPP	01										
04196		XA143	43											SPP	01										
04197		XA143	44											GND	01										
04198		XA143	45											SPP	01										
04199		XA143	46											SPP	01										
04200		XA143	47											SPP	01										
04201		XA143	48											SPP	01										
04202		XA143	49											SPP	01										
04203		XA143	50											SPP	01										
04204		XA143	51											SPP	01										
04205		XA143	52											SPP	01										
04206		XA143	53											SPP	01										
04207		XA143	54											SPP	01										
04208		XA143	55											SPP	01										
04209		XA143	56											SPP	01										
04210		XA143	57											SPP	01										
04211		XA143	58											GND	01										
04212		XA143	59											SPP	01										
04213		XA143	60											SPP	01										
04214		XA143	61											SPP	01										
04215		XA143	62											SPP	01										
04216		XA143	63											SPP	01										
04217		XA143	64											SPP	01										
04218		XA143	65											SPP	01										
04219		XA143	66											SPP	01										
04220		XA143	67											GND	01										
04221		XA143	68											SPP	01										
04222		XA143	69											SPP	01										
04223		XA143	70											SPP	01										
04224		XA143	71											SPP	01										
04225		XA143	72											SPP	01										

CONNECTOR XA143) CONTINUED ON THE NEXT PAGE ****

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DRAWING NUMBER 149304-880 UNIT ASSEMBLY NO. 149304 REV G INDEX XA143

UNIT ASSEMBLY CARD CAGE WIRED, MCU CONNECTOR FILE IDENT T39AMCMU DATE 09-02-82 PAGE 138

RECORD NUMBER	FROM PREFIX	FROM CONNECTOR	FROM PIN	FROM SH PG	TO PREFIX	TO CONNECTOR	TO PIN	TO SH PG	WIRE MULTI GROUP	WIRE CODE	WIRE COLOR	WIRE IDENT	SPEC INST MISC	SIGNAL	SEQ NO	EQUATION	TERM	FACTOR	CKT OR CHIP TYPE	GROUP	LOAD OR POWER PLANE	TEST POINTS AND	TEST POINTS OF	SIGNAL DESCRIPTION	ECO NO
04226		XA143	73											SPP	01										
04227		XA143	74											SPP	01										
04228		XA143	75											SPP	01										
04229		XA143	76											SPP	01										
04230		XA143	77											SPP	01										
04231		XA143	78											SPP	01										
04232		XA143	79											SPP	01										
04233		XA143	80											SPP	01										
04234		XA144	01											SPP	01										
04235		XA144	02											GND	01										
04236		XA144	03											SPP	01										
04237		XA144	04											SPP	01										
04238		XA144	05											SPP	01										
04239		XA144	06											SPP	01										
04240		XA144	07											SPP	01										
04241		XA144	08											SPP	01										
04242		XA144	09											SPP	01										
04243		XA144	10											SPP	01										
04244		XA144	11											SPP	01										
04245		XA144	12											+5V	01										
04246		XA144	13											SPP	01										
04247		XA144	14											SPP	01										
04248		XA144	15											SPP	01										
04249		XA144	16											GND	01										
04250		XA144	17											SPP	01										
04251		XA144	18											SPP	01										
04252		XA144	19											SPP	01										
04253		XA144	20											SPP	01										
04254		XA144	21											SPP	01										
04255		XA144	22											SPP	01										
04256		XA144	23											SPP	01										
04257		XA144	24											SPP	01										
04258		XA144	25											SPP	01										
04259		XA144	26											SPP	01										
04260		XA144	27											SPP	01										
04261		XA144	28											+5V	01										
04262		XA144	29											SPP	01										
04263		XA144	30											SPP	01										
04264		XA144	31											SPP	01										
04265		XA144	32											GND	01										
04266		XA144	33											SPP	01										
04267		XA144	34											SPP	01										
04268		XA144	35											SPP	01										
04269		XA144	36											SPP	01										
04270		XA144	37											SPP	01										
04271		XA144	38											SPP	01										
04272		XA144	39											SPP	01										
04273		XA144	40											SPP	01										
CONNECTOR XA144) CONTINUED ON THE NEXT PAGE ****																									

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Litton DATA SYSTEMS UNIT ASSEMBLY NAME CARD CAGE WIRED, MCU T39AMCMU

RECORD NUMBER	FROM PREFIX	FROM CONNECTOR	FROM PIN	FROM SH FG	TO PREFIX	TO CONNECTOR	TO PIN	TO SH FG	WIRE MULTI GROUP	WIRE CODE	WIRE COLOR	WIRE IDENT	SPEC INST SOURCE	SIGNAL	SEQ NO	EQUATION	TERM	FACTOR	CKT OR CHIP TYPE	GROP	LOAD OR POWER PLANE	TEST POINTS AND	TEST POINTS OR	SIGNAL DESCRIPTION	ECO NO
04274		XA144	41											SPP	01										
04275		XA144	42											SPP	01										
04276		XA144	43											SPP	01										
04277		XA144	44											GND	01										
04278		XA144	45											SPP	01										
04279		XA144	46											SPP	01										
04280		XA144	47											SPP	01										
04281		XA144	48											SPP	01										
04282		XA144	49											SPP	01										
04283		XA144	50											SPP	01										
04284		XA144	51											SPP	01										
04285		XA144	52											SPP	01										
04286		XA144	53											SPP	01										
04287		XA144	54											SPP	01										
04288		XA144	55											SPP	01										
04289		XA144	56											SPP	01										
04290		XA144	57											SPP	01										
04291		XA144	58											GND	01										
04292		XA144	59											SPP	01										
04293		XA144	60											SPP	01										
04294		XA144	61											SPP	01										
04295		XA144	62											SPP	01										
04296		XA144	63											SPP	01										
04297		XA144	64											SPP	01										
04298		XA144	65											SPP	01										
04299		XA144	66											SPP	01										
04300		XA144	67											GND	01										
04301		XA144	68											SPP	01										
04302		XA144	69											SPP	01										
04303		XA144	70											SPP	01										
04304		XA144	71											SPP	01										
04305		XA144	72											SPP	01										
04306		XA144	73											SPP	01										
04307		XA144	74											SPP	01										
04308		XA144	75											SPP	01										
04309		XA144	76											SPP	01										
04310		XA144	77											SPP	01										
04311		XA144	78											SPP	01										
04312		XA144	79											SPP	01										
04313		XA144	80											SPP	01										
04314		XA145	01											SPP											
04315		XA145	02											GND											
04316		XA145	03											SPP											
04317		XA145	04											SPP											
04318		XA145	05											SPP											
04319		XA145	06											SPP											
04320		XA145	07											SPP											
04321		XA145	08											SPP											
CONNECTOR IXA145) CONTINUED ON THE NEXT PAGE ****																									

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DRAWING NUMBER 149304-880 UNIT ASSEMBLY NO. 149304 REV G INDEX XA145
UNIT ASSEMBLY CARD CAGE WIRED, MCU CONNECTOR FILE IDENT T39AMCMU DATE 09-02-82 PAGE 140

CARD CAGE WIRED MCU

RECORD NUMBER	FROM PREFIX	FROM CONNECTOR	FROM PIN	FROM SH FG	TO PREFIX	TO CONNECTOR	TO PIN	TO SH FG	WIRE MULTI GROUP	WIRE CODE	WIRE COLOR	WIRE IDENT	SPC INST MISC	SIGNAL	SEC NO	EQUATION	TERM	FACTOR	CKT OR CHIP TYPE	GROUP	QUAD OR POWER PLANE	TEST POINTS ANC	TEST POINTS OR	SIGNAL DESCRIPTION	ECO NO
04322		XA145	09											SPP											
04323		XA145	10											SPP											
04324		XA145	11											SPP											
04325		XA145	12											+5V											
04326		XA145	13											SPP											
04327		XA145	14											SPP											
04328		XA145	15											SPP											
04329		XA145	16											GND											
04330		XA145	17											SPP											
04331		XA145	18											SPP											
04332		XA145	19											SPP											
04333		XA145	20											SPP											
04334		XA145	21											SPP											
04335		XA145	22											SPP											
04336		XA145	23											SPP											
04337		XA145	24											SPP											
04338		XA145	25											SPP											
04339		XA145	26											SPP											
04340		XA145	27											SPP											
04341		XA145	28											+5V											
04342		XA145	29											SPP											
04343		XA145	30											SPP											
04344		XA145	31											SPP											
04345		XA145	32											GND											
04346		XA145	33											SPP											
04347		XA145	34											SPP											
04348		XA145	35											SPP											
04349		XA145	36											SPP											
04350		XA145	37											SPP											
04351		XA145	38											SPP											
04352		XA145	39											SPP											
04353		XA145	40											SPP											
04354		XA145	41											SPP											
04355		XA145	42											SPP											
04356		XA145	43											SPP											
04357		XA145	44											GND											
04358		XA145	45											SPP											
04359		XA145	46											SPP											
04360		XA145	47											SPP											
04361		XA145	48											SPP											
04362		XA145	49											SPP											
04363		XA145	50											SPP											
04364		XA145	51											SPP											
04365		XA145	52											SPP											
04366		XA145	53											SPP											
04367		XA145	54											SPP											
04368		XA145	55											SPP											
04369		XA145	56											SPP											
04370		XA145	57											SPP											
04371		XA145	58											GND											

CONNECTOR XA145 CONTINUED ON THE NEXT PAGE ****

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Litton — CARD CAGE WIRED, MCU

RECORD NUMBER	FROM PREFIX	FROM CONNECTOR	FROM PIN	FROM SH FG	TO PREFIX	TO CONNECTOR	TO PIN	TO SH FG	WIRE MULTI GROUP	WIRE CODE	WIRE COLOR	WIRE IDENT	SPEC INST MISC	SIGNAL	SIG NO	EQUATION	TERM	FACTOR	CKT OR CHIP TYPE	GROUP	LOAD OR POWER FLAGS	TEST POINTS AND	TEST POINTS OR	SIGNAL DESCRIPTION	ECO NO
04372		XA145	59											SPP											
04373		XA145	60											SPP											
04374		XA145	61											SPP											
04375		XA145	62											SPP											
04376		XA145	63											SPP											
04377		XA145	64											SPP											
04378		XA145	65											SPP											
04379		XA145	66											SPP											
04380		XA145	67											GND											
04381		XA145	68											SPP											
04382		XA145	69											SPP											
04383		XA145	70											SPP											
04384		XA145	71											SPP											
04385		XA145	72											SPP											
04386		XA145	73											SPP											
04387		XA145	74											SPP											
04388		XA145	75											SPP											
04389		XA145	76											SPP											
04390		XA145	77											SPP											
04391		XA145	78											SPP											
04392		XA145	79											SPP											
04393		XA145	80											SPP											
04394		XA146	01			XA147	01			16B	9			MSES0B	01				SAM	Z1					
04395		XA146	02											GND	01				SAM						
04396		XA146	03											SPP	01				SAM						
04397		XA146	04											SPP	01				SAM						
04398		XA146	05											SSA28A	02				SAM	Z1					
04399		XA146	06											SPP	01				SAM						
04400		XA146	07											SSB28A	02				SAM	Z1					
04401		XA146	08											SPP	01				SAM						
04402		XA146	09											SPP	01				SAM						
04403		XA146	10											SPP	01				SAM						
04404		XA146	11			J01	F3			18D	2			+5VSAM	34				SAM						
04405		XA146	12											+5V	01				SAM						
04406		XA146	13											SSA28B	02				SAM	Z1					
04407		XA146	14											SSB28B	02				SAM	Z1					
04408		XA146	15											SPP	01				SAM						
04409		XA146	16											GND	01				SAM						
04410		XA146	17	3		XA341	14	3		16B	9			MSES1B	36				SAM	Z1					
04411		XA146	18											SPP	01				SAM	Z1					
04412		XA146	19			XA146	43			16B	9			MSD28A	01				SAM	Z1			SENSE AMP 28*		
04413		XA146	20			XA147	20			16B	9			MSES2B	31				SAM	Z2					
04414		XA146	21											SPP	01				SAM						
04415		XA146	22											SPP	01				SAM						
04416		XA146	23											SSA28C	02				SAM	Z2					
04417		XA146	24											SPP	01				SAM						
04418		XA146	25											SSB28C	02				SAM	Z2					
04419		XA146	26											SPP	01				SAM						

CONNECTOR XA146) CONTINUED ON THE NEXT PAGE ****

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RECORD NUMBER	FROM PREFIX	FROM CONNECTOR	FROM PIN	FROM SH FG	TO PREFIX	TO CONNECTOR	TO PIN	TO SH FG	WIRE MULTI GROUP	WIRE CODE	WIRE COLOR	WIRE IDENT	SPEC INST MISC	SIGNAL	SEQ NO	EQUATION	TERM	FACTOR	CKT OR CHIP TYPE	DWG	LOAD OR POWER PLANE	TEST POINTS AND	TEST POINTS OR	SIGNAL DESCRIPTION	ECO NO
00001		XA146	27											DNW	01	+5SAM			SAM						
04420		XA146	28											+5V	01				SAM						
04421		XA146	29											SPP	01				SAM					KEYWAY	
04422		XA146	30											SPP	01				SAM					KEYWAY	
04423		XA146	31											SPP	01				SAM						
04424		XA146	32											GND	01				SAM						
04425		XA146	33											SSA28D	02				SAM	Z2					
04426		XA146	34											SPP	01				SAM						
04427		XA146	35											SSB28D	02				SAM	Z2					
04428		XA146	36											SPP	01				SAM						
04429		XA146	37											SPP	01				SAM						
04430		XA146	38											SPP	01				SAM						
04431		XA146	39										K	+5VREF	33				SAM	Z2					
04432		XA146	39			XA246	39			18D	2			+5VREF	34				SAM	Z2					
04433		XA146	40											SPP	01				SAM						
04434		XA146	41	3		XA341	45	3		16B	9			MSES3B	06				SAM	Z2					
04435		XA146	42											SPP	01				SAM						
04436		XA146	43			XA146	65			16B	9			MSD28A	02				SAM	Z2					
04437		XA146	44											GND	01				SAM						
04438		XA146	45	3		XA341	57	3		16B	9			MSES4B	06				SAM	Z3					
04439		XA146	46											SPP	01				SAM						
04440		XA146	47											SPP	01				SAM						
04441		XA146	48											SPP	01				SAM						
04442		XA146	49											SSA28F	02				SAM	Z3					
04443		XA146	50											SPP	01				SAM						
04444		XA146	51											SSB28F	02				SAM	Z3					
04445		XA146	52											SPP	01				SAM						
04446		XA146	53											SPP	01				SAM					KEYWAY	
04447		XA146	54											SPP	01				SAM					KEYWAY	
04448		XA146	55											SSA28F	02				SAM	Z3					
04449		XA146	56											SPP	01				SAM						
04450		XA146	57											SSB28F	02				SAM	Z3					
04451		XA146	58											GND	01				SAM						
04452		XA146	59			J01	H6			18D	7			-5VOLT	67				SAM						
04453		XA146	59										M	-5VOLT	01				SAM						
04454		XA146	60			XA146	59			18D	7			-5VOLT	66				SAM						
04455		XA146	60			XA246	59			18D	7			-5VOLT	69				SAM						
04456		XA146	61											SPP	01				SAM	Z3					
04457		XA146	62											SPP	01				SAM						
04458		XA146	63			XA147	63			16B	9			MSES5B	31				SAM	Z3					
04459		XA146	64											SPP	01				SAM						
04460		XA146	65			XA146	78			16B	9			MSD28A	03				SAM	Z3					
04461		XA146	66	3		XA340	01	3		16B	9			MSES6B	36				SAM	Z4					
04462		XA146	67											GND	01				SAM						
04463		XA146	68											SPP	01				SAM						
04464		XA146	69											SSA28H	02				SAM	Z4					
04465		XA146	70											SPP	01				SAM						
04466		XA146	71											SSB28H	02				SAM	Z4					
04467		XA146	72											SSA28J	02				SAM	Z4					
04468		XA146	73											SPP	01				SAM						

CONNECTOR XA146 CONTINUED ON THE NEXT PAGE ****

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RECORD NUMBER	FROM PREFIX	FROM CONNECTOR	FROM PIN	FROM SHEET	TO PREFIX	TO CONNECTOR	TO PIN	TO SHEET	WIRE MULTI GROUP	WIRE CODE	WIRE COLOR	WIRE IDENT	WIRE SPEC SEC	SIGNAL	SIG NO	EQUATION	TERM FACTOR	CKT OR CHIP TYPE	GRID	LOAD OR POWER PLANE	TEST POINTS AND/OR	SIGNAL DESCRIPTION	ECO NO
04469		XA146	74											SSB28J	02			SAM	Z4				
04470		XA146	75											SPP	01			SAM					
04471		XA146	76											SPP	01			SAM					
04472		XA146	77	3		XA340	14	3		16B	9			MSES7B	36			SAM	Z4				
04473		XA146	78			XA146	80			16B	9			MSD28A	033			SAM					
04474		XA146	79			XA147	79			18D	2			+05RES	04			SAM	Z4				
04475		XA146	80			XA326	50			16B	9			MSD28A	04			SAM	Z4				
04476		XA147	01			XA148	01			16B	9			MSES0B	02			SAM	Z1				
04477		XA147	02											GND	01			SAM					
04478		XA147	03											SPP	01			SAM					
04479		XA147	04											SPP	01			SAM					
04480		XA147	05											SSA27A	02			SAM	Z1				
04481		XA147	06											SPP	01			SAM					
04482		XA147	07											SSB27A	02			SAM	Z1				
04483		XA147	08											SPP	01			SAM					
04484		XA147	09											SPP	01			SAM					
04485		XA147	10											SPP	01			SAM					
04486		XA147	11			XA146	11			18D	2			+5VSAM	33			SAM					
04487		XA147	12											+5V	01			SAM					
04488		XA147	13											SSA27B	02			SAM	Z1				
04489		XA147	14											SSB27B	02			SAM	Z1				
04490		XA147	15											SPP	01			SAM					
04491		XA147	16											GND	01			SAM					
04492		XA147	17			XA146	17			16B	9			MSES1B	35			SAM	Z1				
04493		XA147	18											SPP	01			SAM	Z1				
04494		XA147	19			XA147	43			16B	9			MSD27A	01			SAM	Z1			SENSE AMP 27*	
04495		XA147	20			XA148	20			16B	9			MSES2B	32			SAM	Z2				
04496		XA147	21											SPP	01			SAM					
04497		XA147	22											SPP	01			SAM					
04498		XA147	23											SSA27C	02			SAM	Z2				
04499		XA147	24											SPP	01			SAM					
04500		XA147	25											SSB27C	02			SAM	Z2				
04501		XA147	26											SPP	01			SAM					
00002		XA147	27											DNW	01	+5SAM		SAM					
04502		XA147	28											+5V	01			SAM					
04503		XA147	29											SPP	01			SAM				KEYWAY	
04504		XA147	30											SPP	01			SAM				KEYWAY	
04505		XA147	31											SPP	01			SAM					
04506		XA147	32											GND	01			SAM					
04507		XA147	33											SSA27D	02			SAM	Z2				
04508		XA147	34											SPP	01			SAM					
04509		XA147	35											SSB27D	02			SAM	Z2				
04510		XA147	36											SPP	01			SAM					
04511		XA147	37											SPP	01			SAM					
04512		XA147	38											SPP	01			SAM					
04513		XA147	39			XA146	39			18D	2			+5VREF	32			SAM	Z2				
04514		XA147	40											SPP	01			SAM					
04515		XA147	41			XA146	41			16B	9			MSES3B	05			SAM	Z2				
CONNECTOR XA147) CONTINUED ON THE NEXT PAGE ****																							

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Litton DATA SYSTEMS

DRAWING NUMBER 149304-880 UNIT ASSEMBLY NO. 149304 REV G INDEX XA147
UNIT ASSEMBLY CARD CAGE WIRED, MCU CONNECTOR FILE IDENT T39AMCMU DATE 09-02-82 PAGE 144

RECORD NUMBER	FROM PREFIX	FROM CONNECTOR	FROM PIN	FROM SH FG	TO PREFIX	TO CONNECTOR	TO PIN	TO SH FG	WIRE MULTI GROUP	WIRE CODE	WIRE COLOR	WIRE IDENT	SPEC INST MISC	SIGNAL	SEC NO	EQUATION	TERM	FACTOR	CNT OR CHP TYPE	GROUP	LOAD OR POWER PLANE	TEST POINTS AND/OR	SIGNAL DESCRIPTION	ECO NO
04516		XA147	42											SPP	01				SAM					
04517		XA147	43			XA147	65			16B	9			MSD27A	02				SAM	Z2				
04518		XA147	44											GND	01				SAM					
04519		XA147	45			XA146	45			16B	9			MSES4B	05				SAM	Z3				
04520		XA147	46											SPP	01				SAM					
04521		XA147	47											SPP	01				SAM					
04522		XA147	48											SPP	01				SAM					
04523		XA147	49											SSA27E	02				SAM	Z3				
04524		XA147	50											SPP	01				SAM					
04525		XA147	51											SSB27E	02				SAM	Z3				
04526		XA147	52											SPP	01				SAM					
04527		XA147	53											SPP	01				SAM				KEYWAY	
04528		XA147	54											SPP	01				SAM				KEYWAY	
04529		XA147	55											SSA27E	02				SAM	Z3				
04530		XA147	56											SPP	01				SAM					
04531		XA147	57											SSB27E	02				SAM	Z3				
04532		XA147	58											GND	01				SAM					
04533		XA147	59			XA146	60			18D	7			-5VOLT	65				SAM					
04534		XA147	60			XA147	59			18D	7			-5VOLT	64				SAM					
04535		XA147	61											SPP	01				SAM	Z3				
04536		XA147	62											SPP	01				SAM					
04537		XA147	63			XA148	63			16B	9			MSES5B	32				SAM	Z3				
04538		XA147	64											SPP	01				SAM					
04539		XA147	65			XA147	78			16B	9			MSD27A	03				SAM	Z3				
04540		XA147	66			XA146	66			16B	9			MSES6B	35				SAM	Z4				
04541		XA147	67											GND	01				SAM					
04542		XA147	68											SPP	01				SAM					
04543		XA147	69											SSA27H	02				SAM	Z4				
04544		XA147	70											SPP	01				SAM					
04545		XA147	71											SSB27H	02				SAM	Z4				
04546		XA147	72											SSA27J	02				SAM	Z4				
04547		XA147	73											SPP	01				SAM					
04548		XA147	74											SSB27J	02				SAM	Z4				
04549		XA147	75											SPP	01				SAM					
04550		XA147	76											SPP	01				SAM					
04551		XA147	77			XA146	77			16B	9			MSES7B	35				SAM	Z4				
04552		XA147	78			XA147	80			16B	9			MSD27A	033				SAM					
04553		XA147	79			XA148	79			18D	2			+05RES	05				SAM	Z4				
04554		XA147	80			XA326	52			16B	9			MSD27A	04				SAM	Z4				
04555		XA148	01			XA149	01			16B	9			MSES0B	03				SAM	Z1				
04556		XA148	02											GND	01				SAM					
04557		XA148	03											SPP	01				SAM					
04558		XA148	04											SPP	01				SAM					
04559		XA148	05											SSA26A	02				SAM	Z1				
04560		XA148	06											SPP	01				SAM					
04561		XA148	07											SSB26A	02				SAM	Z1				
04562		XA148	08											SPP	01				SAM					
04563		XA148	09											SPP	01				SAM					
CONNECTOR (XA148) CONTINUED ON THE NEXT PAGE ****																								

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RECORD NUMBER	FROM PREFIX	FROM CONNECTOR	FROM PIN	FROM SHEET	TO PREFIX	TO CONNECTOR	TO PIN	TO SHEET	WIRE MULTI GROUP	WIRE CODE	WIRE COLOR	WIRE DENT	SPECIAL	SIGNAL	SIG NO	EQUATION	TERM FACTOR	CKT OR CHIP TYPE	GROUP	LOAD OR POWER PLANE	TEST POINTS AND	TEST POINTS OR	SIGNAL DESCRIPTION	ECO NO
04564		XA148	10											SPP	01			SAM						
04565		XA148	11			XA147	11			1BD	2			+5VSAM	32			SAM						
04566		XA148	12											+5V	01			SAM						
04567		XA148	13											SSA26B	02			SAM	Z1					
04568		XA148	14											SSB26B	02			SAM	Z1					
04569		XA148	15											SPP	01			SAM						
04570		XA148	16											GND	01			SAM						
04571		XA148	17			XA147	17			16B	9			MSES1B	34			SAM	Z1					
04572		XA148	18											SPP	01			SAM	Z1					
04573		XA148	19			XA148	43			16B	9			MSD26A	01			SAM	Z1				SENSE AMP 26*	
04574		XA148	20			XA149	20			16B	9			MSES2B	33			SAM	Z2					
04575		XA148	21											SPP	01			SAM						
04576		XA148	22											SPP	01			SAM						
04577		XA148	23											SSA26C	02			SAM	Z2					
04578		XA148	24											SPP	01			SAM						
04579		XA148	25											SSB26C	02			SAM	Z2					
04580		XA148	26											SPP	01			SAM						
00003		XA148	27											DNW	01	+5SAM		SAM						
04581		XA148	28											+5V	01			SAM						
04582		XA148	29											SPP	01			SAM					KEYWAY	
04583		XA148	30											SPP	01			SAM					KEYWAY	
04584		XA148	31											SPP	01			SAM						
04585		XA148	32											GND	01			SAM						
04586		XA148	33											SSA26D	02			SAM	Z2					
04587		XA148	34											SPP	01			SAM						
04588		XA148	35											SSB26D	02			SAM	Z2					
04589		XA148	36											SPP	01			SAM						
04590		XA148	37											SPP	01			SAM						
04591		XA148	38											SPP	01			SAM						
04592		XA148	39			XA147	39			1BD	2			+5VREF	31			SAM	Z2					
04593		XA148	40											SPP	01			SAM						
04594		XA148	41			XA147	41			16B	9			MSES3B	04			SAM	Z2					
04595		XA148	42											SPP	01			SAM						
04596		XA148	43			XA148	65			16B	9			MSD26A	02			SAM	Z2					
04597		XA148	44											GND	01			SAM						
04598		XA148	45			XA147	45			16B	9			MSES4B	04			SAM	Z3					
04599		XA148	46											SPP	01			SAM						
04600		XA148	47											SPP	01			SAM						
04601		XA148	48											SPP	01			SAM						
04602		XA148	49											SSA26E	02			SAM	Z3					
04603		XA148	50											SPP	01			SAM						
04604		XA148	51											SSB26E	02			SAM	Z3					
04605		XA148	52											SPP	01			SAM						
04606		XA148	53											SPP	01			SAM					KEYWAY	
04607		XA148	54											SPP	01			SAM					KEYWAY	
04608		XA148	55											SSA26F	02			SAM	Z3					
04609		XA148	56											SPP	01			SAM						
04610		XA148	57											SSB26F	02			SAM	Z3					
04611		XA148	58											GND	01			SAM						
04612		XA148	59			XA147	60			1BD	7			-5VOLT	63			SAM						
CONNECTOR (XA148) CONTINUED ON THE NEXT PAGE ****																								

RECORD NUMBER	FROM PREFIX	FROM CONNECTOR	FROM PIN	FROM SHEET	TO PREFIX	TO CONNECTOR	TO PIN	TO SHEET	WIRE MULT GROUP	WIRE CODE	WIRE COLOR	WIRE IDENT	SPECIAL INSTRUCTIONS	SIGNAL	SEQ NO	EQUATION	TERM FACTOR	CKT OR CHIP TYPE	GRID	LOAD OF POWER PLANE	TEST POINTS LAND	TEST POINTS OF	SIGNAL DESCRIPTION	ECO NO
04613		XA148	60			XA148	59			18D	7			-5VOLT	62			SAM						
04614		XA148	61											SPP	01			SAM	Z3					
04615		XA148	62											SPP	01			SAM						
04616		XA148	63			XA149	63			16B	9			MSES5B	33			SAM	Z3					
04617		XA148	64											SPP	01			SAM						
04618		XA148	65			XA148	78			16B	9			MSD26A	03			SAM	Z3					
04619		XA148	66			XA147	66			16B	9			MSES6B	34			SAM	Z4					
04620		XA148	67											GND	01			SAM						
04621		XA148	68											SPP	01			SAM						
04622		XA148	69											SSA26H	02			SAM	Z4					
04623		XA148	70											SPP	01			SAM						
04624		XA148	71											SSB26H	02			SAM	Z4					
04625		XA148	72											SSA26J	02			SAM	Z4					
04626		XA148	73											SPP	01			SAM						
04627		XA148	74											SSB26J	02			SAM	Z4					
04628		XA148	75											SPP	01			SAM						
04629		XA148	76											SPP	01			SAM						
04630		XA148	77			XA147	77			16B	9			MSES7B	34			SAM	Z4					
04631		XA148	78			XA148	80			16B	9			MSD26A	033			SAM						
04632		XA148	79			XA149	79			18D	2			+05RES	06			SAM	Z4					
04633		XA148	80			XA326	36			16B	9			MSD26A	04			SAM	Z4					
04634		XA149	01			XA150	01			16B	9			MSES0B	04			SAM	Z1					
04635		XA149	02											GND	01			SAM						
04636		XA149	03											SPP	01			SAM						
04637		XA149	04											SPP	01			SAM						
04638		XA149	05											SSA07A	02			SAM	Z1					
04639		XA149	06											SPP	01			SAM						
04640		XA149	07											SSB07A	02			SAM	Z1					
04641		XA149	08											SPP	01			SAM						
04642		XA149	09											SPP	01			SAM						
04643		XA149	10											SPP	01			SAM						
04644		XA149	11			XA148	11			18D	2			+5VSAM	31			SAM						
04645		XA149	12											+5V	01			SAM						
04646		XA149	13											SSA07B	02			SAM	Z1					
04647		XA149	14											SSB07B	02			SAM	Z1					
04648		XA149	15											SPP	01			SAM						
04649		XA149	16											GND	01			SAM						
04650		XA149	17			XA148	17			16B	9			MSES1B	33			SAM	Z1					
04651		XA149	18											SPP	01			SAM	Z1					
04652		XA149	19			XA149	43			16B	9			MSD07A	01			SAM	Z1				SENSE AMP 07*	
04653		XA149	20			XA150	20			16B	9			MSES2B	34			SAM	Z2					
04654		XA149	21											SPP	01			SAM						
04655		XA149	22											SPP	01			SAM						
04656		XA149	23											SSA07C	02			SAM	Z2					
04657		XA149	24											SPP	01			SAM						
04658		XA149	25											SSB07C	02			SAM	Z2					
04659		XA149	26											SPP	01			SAM						
00004		XA149	27											DNW	01	*5SAM		SAM						
CONNECTOR XA149) CONTINUED ON THE NEXT PAGE ****																								

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RECORD NUMBER	FROM PREFIX	FROM CONNECTOR	FROM PIN	FROM SHIELD	TO PREFIX	TO CONNECTOR	TO PIN	TO SHIELD	WIRE MULT GROUP	WIRE CODE	WIRE COLOR	WIRE IDENT	SPECIAL	SIGNAL	ECO NO	EQUATION	TERM FACTOR	CKT OR CHIP TYPE	GRP	LOAD OR POWER PLANE	TEST POINTS AND/OR	SIGNAL DESCRIPTION	ECO NO
04660		XA149	28											+5V	01			SAM					
04661		XA149	29											SPP	01			SAM				KEYWAY	
04662		XA149	30											SPP	01			SAM				KEYWAY	
04663		XA149	31											SPP	01			SAM					
04664		XA149	32											GND	01			SAM					
04665		XA149	33											SSA07D	02			SAM	Z2				
04666		XA149	34											SPP	01			SAM					
04667		XA149	35											SSB07D	02			SAM	Z2				
04668		XA149	36											SPP	01			SAM					
04669		XA149	37											SPP	01			SAM					
04670		XA149	38											SPP	01			SAM					
04671		XA149	39			XA148	39			18D	2			+5VREF	30			SAM	Z2				
04672		XA149	40											SPP	01			SAM					
04673		XA149	41			XA148	41			16B	9			MSES3B	03			SAM	Z2				
04674		XA149	42											SPP	01			SAM					
04675		XA149	43			XA149	65			16B	9			MSD07A	02			SAM	Z2				
04676		XA149	44											GND	01			SAM					
04677		XA149	45			XA148	45			16B	9			MSES4B	03			SAM	Z3				
04678		XA149	46											SPP	01			SAM					
04679		XA149	47											SPP	01			SAM					
04680		XA149	48											SPP	01			SAM					
04681		XA149	49											SSA07E	02			SAM	Z3				
04682		XA149	50											SPP	01			SAM					
04683		XA149	51											SSB07E	02			SAM	Z3				
04684		XA149	52											SPP	01			SAM					
04685		XA149	53											SPP	01			SAM				KEYWAY	
04686		XA149	54											SPP	01			SAM				KEYWAY	
04687		XA149	55											SSA07F	02			SAM	Z3				
04688		XA149	56											SPP	01			SAM					
04689		XA149	57											SSB07F	02			SAM	Z3				
04690		XA149	58											GND	01			SAM					
04691		XA149	59			XA148	60			18D	7			-5VOLT	61			SAM					
04692		XA149	60			XA149	59			18D	7			-5VOLT	60			SAM					
04693		XA149	61											SPP	01			SAM	Z3				
04694		XA149	62											SPP	01			SAM					
04695		XA149	63			XA150	63			16B	9			MSES5B	34			SAM	Z3				
04696		XA149	64											SPP	01			SAM					
04697		XA149	65			XA149	78			16B	9			MSD07A	03			SAM	Z3				
04698		XA149	66			XA148	66			16B	9			MSES6B	33			SAM	Z4				
04699		XA149	67											GND	01			SAM					
04700		XA149	68											SPP	01			SAM					
04701		XA149	69											SSA07H	02			SAM	Z4				
04702		XA149	70											SPP	01			SAM					
04703		XA149	71											SSB07H	02			SAM	Z4				
04704		XA149	72											SSA07J	02			SAM	Z4				
04705		XA149	73											SPP	01			SAM					
04706		XA149	74											SSB07J	02			SAM	Z4				
04707		XA149	75											SPP	01			SAM					
04708		XA149	76											SPP	01			SAM					
04709		XA149	77			XA148	77			16B	9			MSES7B	33			SAM	Z4				
CONNECTOR XA149) CONTINUED ON THE NEXT PAGE ****																							

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RECORD NUMBER	FROM PREFIX	FROM CONNECTOR	FROM PIN	FROM SH FG	TO PREFIX	TO CONNECTOR	TO PIN	TO SH FG	WIRE MULTI GROUP	WIRE CODE	WIRE COLOR	WIRE IDENT	SPEC INST MISC	SIGNAL	SEC NO	EQUATION	TERM	FAILURE	CNT OR CMP TYPE	LOC	GOAL OF POWER PLANE	TEST POINTS ANALYZER	SIGNAL DESCRIPTION	ECO NO
04710		XA149	78			XA149	80			16B	9			MSD07A	033				SAM					
04711		XA149	79			XA150	79			1BD	2			+05RES	07				SAM	Z4				
04712		XA149	80			XA324	64			16B	9			MSD07A	04				SAM	Z4				
04713		XA150	01			XA151	01			16B	9			MSES0B	05				SAM	Z1				
04714		XA150	02											GND	01				SAM					
04715		XA150	03											SPP	01				SAM					
04716		XA150	04											SPP	01				SAM					
04717		XA150	05											SSA06A	02				SAM	Z1				
04718		XA150	06											SPP	01				SAM					
04719		XA150	07											SSB06A	02				SAM	Z1				
04720		XA150	08											SPP	01				SAM					
04721		XA150	09											SPP	01				SAM					
04722		XA150	10											SPP	01				SAM					
04723		XA150	11			XA149	11			1BD	2			+5VSAM	30				SAM					
04724		XA150	12											+5V	01				SAM					
04725		XA150	13											SSA06B	02				SAM	Z1				
04726		XA150	14											SSB06B	02				SAM	Z1				
04727		XA150	15											SPP	01				SAM					
04728		XA150	16											GND	01				SAM					
04729		XA150	17			XA149	17			16B	9			MSES1B	32				SAM	Z1				
04730		XA150	18											SPP	01				SAM	Z1				
04731		XA150	19			XA150	43			16B	9			MSD06A	01				SAM	Z1			SENSE AMP 06*	
04732		XA150	20			XA151	20			16B	9			MSES2B	35				SAM	Z2				
04733		XA150	21											SPP	01				SAM					
04734		XA150	22											SPP	01				SAM					
04735		XA150	23											SSA06C	02				SAM	Z2				
04736		XA150	24											SPP	01				SAM					
04737		XA150	25											SSB06C	02				SAM	Z2				
04738		XA150	26											SPP	01				SAM					
00005		XA150	27											DNW	01	+5SAM			SAM					
04739		XA150	28											+5V	01				SAM					
04740		XA150	29											SPP	01				SAM				KEYWAY	
04741		XA150	30											SPP	01				SAM				KEYWAY	
04742		XA150	31											SPP	01				SAM					
04743		XA150	32											GND	01				SAM					
04744		XA150	33											SSA06D	02				SAM	Z2				
04745		XA150	34											SPP	01				SAM					
04746		XA150	35											SSB06D	02				SAM	Z2				
20816		XA150	36											SPP	01	MDY09A1			SAM					
04747		XA150	37											SPP	01				SAM					
04748		XA150	38											SPP	01				SAM					
04749		XA150	39			XA149	39			1BD	2			+5VREF	29				SAM	Z2				
04750		XA150	40											SPP	01				SAM					
04751		XA150	41			XA149	41			16B	9			MSES3B	02				SAM	Z2				
04752		XA150	42											SPP	01				SAM					
04753		XA150	43			XA150	65			16B	9			MSD06A	02				SAM	Z2				
04754		XA150	44											GND	01				SAM					
04755		XA150	45			XA149	45			16B	9			MSES4B	02				SAM	Z3				

CONNECTOR (XA150) CONTINUED ON THE NEXT PAGE ****

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RECORD NUMBER	FROM PREFIX	FROM CONNECTOR	FROM PIN	FROM SHIELD	TO PREFIX	TO CONNECTOR	TO PIN	TO SHIELD	WIRE MULTI GROUP	WIRE CODE	WIRE COLOR	WIRE IDENT	SPLICE NO	SIGNAL	SPEC NO	EQUATION	TERM FACTOR	CKT OR CHIP TYPE	GROUP	LOAD OR POWER PLANS	TEST POINTS ANC	TEST POINTS OR	SIGNAL DESCRIPTION	ECO NO
04756		XA150	46											SPP	01			SAM						
04757		XA150	47											SPP	01			SAM						
04758		XA150	48											SPP	01			SAM						
04759		XA150	49											SSA06E	02			SAM	Z3					
04760		XA150	50											SPP	01			SAM						
04761		XA150	51											SSB06E	02			SAM	Z3					
04762		XA150	52											SPP	01			SAM						
04763		XA150	53											SPP	01			SAM					KEYWAY	
04764		XA150	54											SPP	01			SAM					KEYWAY	
04765		XA150	55											SSA06F	02			SAM	Z3					
04766		XA150	56											SPP	01			SAM						
04767		XA150	57											SSB06F	02			SAM	Z3					
04768		XA150	58											GND	01			SAM						
04769		XA150	59			XA149	60			18D	7			-5VOLT	59			SAM						
04770		XA150	60			XA150	59			18D	7			-5VOLT	58			SAM						
04771		XA150	61											SPP	01			SAM	Z3					
04772		XA150	62											SPP	01			SAM						
04773		XA150	63			XA151	63			16B	9			MSES5B	35			SAM	Z3					
04774		XA150	64											SPP	01			SAM						
04775		XA150	65			XA150	78			16B	9			MSD06A	03			SAM	Z3					
04776		XA150	66			XA149	66			16B	9			MSES6B	32			SAM	Z4					
04777		XA150	67											GND	01			SAM						
04778		XA150	68											SPP	01			SAM						
04779		XA150	69											SSA06H	02			SAM	Z4					
04780		XA150	70											SPP	01			SAM						
04781		XA150	71											SSB06H	02			SAM	Z4					
04782		XA150	72											SSA06J	02			SAM	Z4					
04783		XA150	73											SPP	01			SAM						
04784		XA150	74											SSB06J	02			SAM	Z4					
04785		XA150	75											SPP	01			SAM						
04786		XA150	76											SPP	01			SAM						
04787		XA150	77			XA149	77			16B	9			MSES7B	32			SAM	Z4					
04788		XA150	78			XA150	80			16B	9			MSD06A	033			SAM						
04789		XA150	79			XA151	79			18D	2			+05RES	08			SAM	Z4					
04790		XA150	80			XA324	66			16B	9			MSD06A	04			SAM	Z4					
04791		XA151	01			XA251	01			16B	9			MSES0B	06			SAM	Z1					
04792		XA151	02											GND	01			SAM						
04793		XA151	03											SPP	01			SAM						
04794		XA151	04											SPP	01			SAM						
04795		XA151	05											SSA05A	02			SAM	Z1					
04796		XA151	06											SPP	01			SAM						
04797		XA151	07											SSB05A	02			SAM	Z1					
04798		XA151	08											SPP	01			SAM						
04799		XA151	09											SPP	01			SAM						
04800		XA151	10											SPP	01			SAM						
04801		XA151	11			XA150	11			18D	2			+5VSAM	29			SAM						
04802		XA151	12											+5V	01			SAM						
04803		XA151	13											SSA05B	02			SAM	Z1					

CONNECTOR XA151) CONTINUED ON THE NEXT PAGE ****

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RECORD NUMBER	FROM			SH FG	TO			SH FG	WIRE				SPEC INST MISC	SIGNAL	SEQ NO	EQUATION	TERM FACTOR	CNT OR CHIP TYPE	GROUP	LOAD OF POWER PLANE	TEST POINTS		SIGNAL DESCRIPTION	ECO NO
	PREFIX	CONNECTOR	PIN		PREFIX	CONNECTOR	PIN		MULTI GROUP	CODE	COLOR	IDENT									AND	OR		
04804		XA151	14											SSB05B	02			SAM	Z1					
04805		XA151	15											SPP	01			SAM						
04806		XA151	16											GND	01			SAM						
04807		XA151	17			XA150	17			16B	9			MSES1B	31			SAM	Z1					
04808		XA151	18											SPP	01			SAM	Z1					
04809		XA151	19			XA151	43			16B	9			MSD05A	01			SAM	Z1				SENSE AMP 05*	
04810		XA151	20	3		XA251	20	3		16B	9			MSES2B	36			SAM	Z2					
04811		XA151	21											SPP	01			SAM						
04812		XA151	22											SPP	01			SAM						
04813		XA151	23											SSA05C	02			SAM	Z2					
04814		XA151	24											SPP	01			SAM						
04815		XA151	25											SSB05C	02			SAM	Z2					
04816		XA151	26											SPP	01			SAM						
00006		XA151	27											DNW	01	+5SAM		SAM						
04817		XA151	28											+5V	01			SAM						
04818		XA151	29											SPP	01			SAM					KEYWAY	
04819		XA151	30											SPP	01			SAM					KEYWAY	
04820		XA151	31											SPP	01			SAM						
04821		XA151	32											GND	01			SAM						
04822		XA151	33											SSA05D	02			SAM	Z2					
04823		XA151	34											SPP	01			SAM						
04824		XA151	35											SSB05D	02			SAM	Z2					
04825		XA151	36											SPP	01			SAM						
04826		XA151	37											SPP	01			SAM						
04827		XA151	38											SPP	01			SAM						
04828		XA151	39			XA150	39			18D	2			+5VREF	28			SAM	Z2					
04829		XA151	40											SPP	01			SAM						
04830		XA151	41			XA150	41			16B	9			MSES3B	01			SAM	Z2					
04831		XA151	41										K	MSES3B	155			SAM	Z2					
04832		XA151	42											SPP	01			SAM						
04833		XA151	43			XA151	65			16B	9			MSD05A	02			SAM	Z2					
04834		XA151	44											GND	01			SAM						
04835		XA151	45			XA150	45			18B	9			MSES4B	01			SAM	Z3					
04836		XA151	45										K	MSES4B	155			SAM	Z3					
04837		XA151	46											SPP	01			SAM						
04838		XA151	47											SPP	01			SAM						
04839		XA151	48											SPP	01			SAM						
04840		XA151	49											SSA05E	02			SAM	Z3					
04841		XA151	50											SPP	01			SAM						
04842		XA151	51											SSB05E	02			SAM	Z3					
04843		XA151	52											SPP	01			SAM						
04844		XA151	53											SPP	01			SAM					KEYWAY	
04845		XA151	54											SPP	01			SAM					KEYWAY	
04846		XA151	55											SSA05F	02			SAM	Z3					
04847		XA151	56											SPP	01			SAM						
04848		XA151	57											SSB05F	02			SAM	Z3					
04849		XA151	58											GND	01			SAM						
04850		XA151	59			XA150	60			18D	7			-5VOLT	57			SAM						
04851		XA151	60			XA151	59			18D	7			-5VOLT	56			SAM						
04852		XA151	61											SPP	01			SAM	Z3					
CONNECTOR XA151) CONTINUED ON THE NEXT PAGE ****																								

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Litton DATA SYSTEMS

DRAWING NUMBER 149304-880 UNIT ASSEMBLY NO. 149304 REV G INDEX XA151

UNIT ASSEMBLY CARD CAGE WIRED, MCU CONNECTOR FILE IDENT T39AMCMU DATE 09-02-82 PAGE 151

RECORD NUMBER	FROM PREFIX	FROM CONNECTOR	FROM PIN	FROM SPEC	TO PREFIX	TO CONNECTOR	TO PIN	TO SPEC	WIRE MULTI GROUP	WIRE CODE	WIRE COLOR	WIRE IDENT	WIRE SPEC TYPE	SIGNAL	ECO NO	EQUATION	TERM FACTOR	CKT OR CHIP TYPE	GRP	LOAD OR POWER PLANE	TEST POINTS AND	TEST POINTS OR	SIGNAL DESCRIPTION	ECO NO
04853		XA151	62											SPP	01			SAM						
04854		XA151	63											MSES5B	36			SAM	Z3					
04855		XA151	63			XA251	63			18B	9			MSES5B	211			SAM	Z3					
04856		XA151	64											SPP	01			SAM						
04857		XA151	65			XA151	78			16B	9			MSD05A	03			SAM	Z3					
04858		XA151	66			XA150	66			16B	9			MSES6B	31			SAM	Z4					
04859		XA151	67											GND	01			SAM						
04860		XA151	68											SPP	01			SAM						
04861		XA151	69											SSA05H	02			SAM	Z4					
04862		XA151	70											SPP	01			SAM						
04863		XA151	71											SSB05H	02			SAM	Z4					
04864		XA151	72											SSA05J	02			SAM	Z4					
04865		XA151	73											SPP	01			SAM						
04866		XA151	74											SSB05J	02			SAM	Z4					
04867		XA151	75											SPP	01			SAM						
04868		XA151	76											SPP	01			SAM						
04869		XA151	77			XA150	77			16B	9			MSES7B	31			SAM	Z4					
04870		XA151	78			XA151	80			16B	9			MSD05A	033			SAM						
04871		XA151	79			XA251	79			18D	2			+05RES	09			SAM	Z4					
04872		XA151	80			XA324	50			16B	9			MSD05A	04			SAM	Z4					
04873		XA201	01			XA202	01			16B	9			MAY0PDX	02			EXT						
04874		XA201	02											GND	01			EXT						
04875		XA201	03			XA202	03			16B	9			MAY00DX	02			EXT						
04876		XA201	04											GND	01			EXT						
04877		XA201	05			XA202	05			16B	9			MAY01DX	02			EXT						
04878		XA201	06											GND	01			EXT						
04879		XA201	07			XA202	07			16B	9			MAY02DX	02			EXT						
04880		XA201	08											GND	01			EXT						
04881		XA201	09			XA202	09			16B	9			MAY03DX	02			EXT						
04882		XA201	10			XA201	12			16B	9			GND300	01			EXT						
04883		XA201	11			XA202	11			16B	9			MAY04DX	02			EXT						
04884		XA201	12											GND300	02			EXT						
04885		XA201	12											GND				EXT						
04886		XA201	13			XA202	13			16B	9			MAY05DX	02			EXT						
04887		XA201	14											GND	01			EXT						
04888		XA201	15			XA202	15			16B	9			MAY06DX	02			EXT						
04889		XA201	16											GND	01			EXT						
04890		XA201	17			XA202	17			16B	9			MAY07DX	02			EXT						
04891		XA201	18											GND	01			EXT						
04892		XA201	19			XA202	19			16B	9			MAY08DX	02			EXT						
04893		XA201	20											GND	01			EXT						
04894		XA201	21			XA202	21			16B	9			MAY09DX	02			EXT						
04895		XA201	22											GND	01			EXT						
04896		XA201	23			XA224	60			16B	9			MAY10DX	01			EXT						
04897		XA201	24											GND	01			EXT						
04898		XA201	25			XA202	25			16B	9			MAY11DX	02			EXT						
04899		XA201	26											GND	01			EXT						
04900		XA201	27			XA224	65			16B	9			MAY12DX	01			EXT						
CONNECTOR (XA201) CONTINUED ON THE NEXT PAGE ****																								

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Litton DATA SYSTEMS

DRAWING NUMBER 149304-880 UNIT ASSEMBLY NO. 149304 REV G INDEX XA201

UNIT ASSEMBLY CARD CAGE WIRED, MCU CONNECTOR FILE IDENT T39AMCMU DATE 09-02-82 PAGE 152

RECORD NUMBER	FROM PREFIX	FROM CONNECTOR	FROM PIN	FROM SHT FG	TO PREFIX	TO CONNECTOR	TO PIN	TO SHT FG	WIRE MULTI GROUP	WIRE CODE	WIRE COLOR	WIRE IDENT	SPEC TEST MISC	SIGNAL	SEC NO	EQUATION	TERM	FACTOR	CKT OR CHIP TYPE	GROUP	LOAD OR POWER PLANE	TEST POINTS AND/OR	SIGNAL DESCRIPTION	ECO NO
04901		XA201	28											GND	01				EXT					
04902		XA201	29			XA202	29			16B	9			MAY13DX	02				EXT					
04903		XA201	30											GND	01				EXT					
04904		XA201	31			XA202	31			16B	9			MAY14DX	02				EXT					
04905		XA201	32											GND	01				EXT					
04906		XA201	33			XA202	33			16B	9			MAY15DX	02				EXT					
04907		XA201	34											GND	01				EXT					
04908		XA201	35			XA202	35			16B	9			MAY16DX	02				EXT					
04909		XA201	36											GND	01				EXT					
04910		XA201	37			XA202	37			16B	9			MAY17DX	02				EXT					
04911		XA201	38											GND	01				EXT					
04912		XA201	39			XA202	39			16B	9			MAY18DX	02				EXT					
04913		XA201	40											GND	01				EXT					
04914		XA201	41			XA202	41			16B	9			MAY19DX	02				EXT					
04915		XA201	42											GND	01				EXT					
04916		XA201	43			XA202	43			16B	9			MAY20DX	02				EXT					
04917		XA201	44											GND	01				EXT					
04918		XA201	45			XA202	45			16B	9			MAY21DX	02				EXT					
04919		XA201	46											GND	01				EXT					
04920		XA201	47			XA202	47			16B	9			MAY22DX	02				EXT					
04921		XA201	48											GND	01				EXT					
04922		XA201	49			XA202	49			16B	9			MAY23DX	02				EXT					
04923		XA201	50											GND	01				EXT					
04924		XA201	51			XA202	51			16B	9			MAY24DX	02				EXT					
04925		XA201	52											GND	01				EXT					
04926		XA201	53			XA202	53			16B	9			MAY25DX	02				EXT					
04927		XA201	54											GND	01				EXT					
04928		XA201	55			XA202	55			16B	9			MAY26DX	02				EXT					
04929		XA201	56											GND	01				EXT					
04930		XA201	57			XA202	57			16B	9			MAY27DX	02				EXT					
04931		XA201	58											GND	01				EXT					
04932		XA201	59			XA202	59			16B	9			MAY28DX	02				EXT					
04933		XA201	60											GND	01				EXT					
04934		XA201	61			XA202	61			16B	9			MAY29DX	02				EXT					
04935		XA201	62											GND	01				EXT					
04936		XA201	63			XA202	63			16B	9			MAY30DX	02				EXT					
04937		XA201	64											GND	01				EXT					
04938		XA201	65			XA202	65			16B	9			MAY31DX	02				EXT					
04939		XA201	66											GND	01				EXT					
04940		XA201	67			XA222	41			16B	9			MAYM1DX	01				EXT					
04941		XA201	68											GND	01				EXT					
04942		XA201	69			XA222	27			16B	9			MAYACDX	01				EXT					
04943		XA201	70											GND	01				EXT					
04944		XA201	71			XA222	37			16B	9			MAYHCDX	01				EXT					
04945		XA201	72											GND	01				EXT					
04946		XA201	73			XA202	73			16B	9			MAYS1HX	02				EXT					
04947		XA201	74			XA321	31			16B	9			MAYS1GX	01				EXT					
04948		XA201	75			XA202	75			16B	9			MAYS2HX	02				EXT					
04949		XA201	76			XA322	31			16B	9			MAYS2GX	01				EXT					
04950		XA201	77			XA222	17			16B	9			MAYAPDX	01				EXT					
CONNECTOR XA201 CONTINUED ON THE NEXT PAGE ****																								

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DRAWING NUMBER 149304-880 UNIT ASSEMBLY NO. 149304 REV G INDEX XA201

UNIT ASSEMBLY CARD CAGE WIRED, MCU CONNECTOR FILE IDENT T39AMCMU DATE 09-02-82 PAGE 153

RECORD NUMBER	FROM PREFIX	FROM CONNECTOR	FROM PIN	FROM SH FG	TO PREFIX	TO CONNECTOR	TO PIN	TO SH FG	WIRE MULTI GROUP	WIRE CODE	WIRE COLOR	WIRE IDENT	SPEC INST MISC	SIGNAL	SFG NO	EQUATION	TERM	FACTOR	CKT OR CHIP TYPE	GROUP	LOAD OR POWER PLANS	TEST POINTS AND	TEST POINTS OR	SIGNAL DESCRIPTION	ECO NO
04951		XA201	78											GND	01				EXT						
04952		XA201	79			XA202	79			16B	9			MAYPFDX	02				EXT						
04953		XA201	80											GND	01				EXT						
04954		XA202	01			XA203	05			16B	9			MAY0PDX	03				EXT						
04955		XA202	02											GND	01				EXT						
04956		XA202	02			XA203	02			16B	9			GND02	01				EXT						
04957		XA202	03			XA203	06			16B	9			MAY00DX	03				EXT						
04958		XA202	04											GND	01				EXT						
04959		XA202	05			XA203	07			16B	9			MAY01DX	03				EXT						
04960		XA202	06											GND	01				EXT						
04961		XA202	07			XA203	08			16B	9			MAY02DX	03				EXT						
04962		XA202	08											GND	01				EXT						
04963		XA202	09			XA203	10			16B	9			MAY03DX	03				EXT						
04964		XA202	10			XA202	12			16B	9			GND400	01				EXT						
04965		XA202	11			XA203	17			16B	9			MAY04DX	03				EXT						
04966		XA202	12											GND400	02				EXT						
04967		XA202	12											GND					EXT						
04968		XA202	13			XA203	18			16B	9			MAY05DX	03				EXT						
04969		XA202	14											GND	01				EXT						
04970		XA202	15			XA203	20			16B	9			MAY06DX	03				EXT						
04971		XA202	16											GND	01				EXT						
04972		XA202	16			XA203	16			16B	9			GND16	01				EXT						
04973		XA202	17			XA203	09			16B	9			MAY07DX	03				EXT						
04974		XA202	18											GND	01				EXT						
04975		XA202	19			XA203	24			16B	9			MAY08DX	03				EXT						
04976		XA202	20											GND	01				EXT						
04977		XA202	21			XA203	25			16B	9			MAY09DX	03				EXT						
04978		XA202	22											GND	01				EXT						
04979		XA202	23			XA201	23			16B	9			MAY10DX	005				EXT						
04980		XA202	24											GND	01				EXT						
04981		XA202	25			XA203	30			16B	9			MAY11DX	03				EXT						
04982		XA202	26											GND	01				EXT						
04983		XA202	27			XA201	27			16B	9			MAY12DX	005				EXT						
04984		XA202	28											GND	01				EXT						
04985		XA202	29			XA203	36			16B	9			MAY13DX	03				EXT						
04986		XA202	30											GND	01				EXT						
04987		XA202	31			XA203	37			16B	9			MAY14DX	03				EXT						
04988		XA202	32											GND	01				EXT						
04989		XA202	32			XA203	32			16B	9			GND32	01				EXT						
04990		XA202	33			XA203	38			16B	9			MAY15DX	03				EXT						
04991		XA202	34											GND	01				EXT						
04992		XA202	35			XA203	40			16B	9			MAY16DX	03				EXT						
04993		XA202	36											GND	01				EXT						
04994		XA202	37			XA203	41			16B	9			MAY17DX	03				EXT						
04995		XA202	38											GND	01				EXT						
04996		XA202	39			XA203	42			16B	9			MAY18DX	03				EXT						
04997		XA202	40											GND	01				EXT						
04998		XA202	41			XA203	45			16B	9			MAY19DX	03				EXT						

CONNECTOR (XA202) CONTINUED ON THE NEXT PAGE ****

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UNIT ASSEMBLY CARD CAGE WIRED, MCU CONNECTOR FILE IDENT T39AMCMU DATE 09-02-82 PAGE 154

RECORD NUMBER	FROM PREFIX	FROM CONNECTOR	FROM PIN	FROM SH FB	TO PREFIX	TO CONNECTOR	TO PIN	TO SH FB	WIRE MULTI GROUP	WIRE CODE	WIRE COLOR	WIRE IDENT	SPC INST MISC	SIGNAL	SEQ NO	EQUATION	TERM	FACTOR	CKT OR CHIP TYPE	GROUP	LOAD OF POWER PLANE	TEST POINTS AND	TEST POINTS OF	SIGNAL DESCRIPTION	ECO NO
04999		XA202	42											GND	01				EXT						
05000		XA202	43			XA203	46			16B	9			MAY20DX	03				EXT						
05001		XA202	44											GND	01				EXT						
05002		XA202	44			XA203	44			16B	9			GND44	01				EXT						
05003		XA202	45			XA203	29			16B	9			MAY21DX	03				EXT						
05004		XA202	46											GND	01				EXT						
05005		XA202	47			XA203	48			16B	9			MAY22DX	03				EXT						
05006		XA202	48											GND	01				EXT						
05007		XA202	49			XA203	51			16B	9			MAY23DX	03				EXT						
05008		XA202	50											GND	01				EXT						
05009		XA202	51			XA203	52			16B	9			MAY24DX	03				EXT						
05010		XA202	52											GND	01				EXT						
05011		XA202	53			XA203	53			16B	9			MAY25DX	03				EXT						
05012		XA202	54											GND	01				EXT						
05013		XA202	55			XA203	54			16B	9			MAY26DX	03				EXT						
05014		XA202	56											GND	01				EXT						
05015		XA202	56			XA203	57			16B	9			GND57	01				EXT						
05016		XA202	57			XA203	55			16B	9			MAY27DX	03				EXT						
05017		XA202	58											GND	01				EXT						
05018		XA202	58			XA203	58			16B	9			GND58	01				EXT						
05019		XA202	59			XA203	56			16B	9			MAY28DX	03				EXT						
05020		XA202	60											GND	01				EXT						
05021		XA202	61			XA203	61			16B	9			MAY29DX	03				EXT						
05022		XA202	62											GND	01				EXT						
05023		XA202	63			XA203	62			16B	9			MAY30DX	03				EXT						
05024		XA202	64											GND	01				EXT						
05025		XA202	65			XA203	63			16B	9			MAY31DX	03				EXT						
05026		XA202	66											GND	01				EXT						
05027		XA202	66			XA203	67			16B	9			GND67	01				EXT						
05028		XA202	67			XA201	67			16B	9			MAYMIDX	005				EXT						
05029		XA202	68											GND	01				EXT						
05030		XA202	69			XA201	69			16B	9			MAYACDX	005				EXT						
05031		XA202	70											GND	01				EXT						
05032		XA202	71			XA201	71			16B	9			MAYHCDX	005				EXT						
05033		XA202	72							16B	9			GND	01				EXT						
05034		XA202	73			XA203	77			16B	9			MAYS1HX	03				EXT						
05035		XA202	74			XA201	74			16B	9			MAYS1GX	005				EXT						
05036		XA202	75			XA203	78			16B	9			MAYS2HX	03				EXT						
05037		XA202	76			XA201	76			16B	9			MAYS2GX	005				EXT					SYNC 2 PRT A I/O	
05038		XA202	77			XA201	77			16B	9			MAYAPDX	005				EXT						
05039		XA202	78											GND	01				EXT						
05040		XA202	79			XA203	74			16B	9			MAYPEDX	03				EXT						
05041		XA202	80											GND	01				EXT						
05042		XA203	01											SPP											
05043		XA203	02											GND02	02										
05044		XA203	03			XA203	04			16B	9			+5VPA0	03										
05045		XA203	04			XA203	13			16B	9			+5VPA0	04										
05046		XA203	05											MAYOPDX	04										

CONNECTOR (XA203) CONTINUED ON THE NEXT PAGE ****

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RECORD NUMBER	FROM PREFIX	FROM CONNECTOR	FROM PIN	FROM SHEET	TO PREFIX	TO CONNECTOR	TO PIN	TO SHEET	WIRE MULTI GROUP	WIRE CODE	WIRE COLOR	WIRE IDENT	SPEC INST MISC	SIGNAL	ECO NO	EQUATION	TERM	FACTOR	CKT OR CHIP TYPE	GROUP	LOAD OR POWER PLANE	TEST POINTS AND	TEST POINTS OR	SIGNAL DESCRIPTION	ECO NO
05047		XA203	06											MAY00DX	04										
05048		XA203	07											MAY01DX	04										
05049		XA203	08											MAY02DX	04										
05050		XA203	09											MAY07DX	04										
05051		XA203	10											MAY03DX	04										
05052		XA203	11											SPP										KEYWAY	G02
05053		XA203	12											SPP										KEYWAY	G02
05054		XA203	13			XA203	14			16B	9			+5VPA0	05										
05055		XA203	14			XA203	21			16B	9			+5VPA0	06										
05056		XA203	15											SPP											
05057		XA203	16											GND16	02										
05058		XA203	17											MAY04DX	04										
05059		XA203	18											MAY05DX	04										
05060		XA203	19			XA202	27			16B	9			MAY12DX	00C										
05061		XA203	20											MAY06DX	04										
05062		XA203	21			XA203	22			16B	9			+5VPA0	07										
05063		XA203	22			XA203	33			16B	9			+5VPA0	08										
05064		XA203	23											SPP											
05065		XA203	24											MAY08DX	04										
05066		XA203	25											MAY09DX	04										
05067		XA203	26			XA202	23			16B	9			MAY10DX	00C										
05068		XA203	27											SPP										KEYWAY	G02
05069		XA203	28											SPP										KEYWAY	G02
05070		XA203	29											MAY21DX	04										
05071		XA203	30											MAY11DX	04										
05072		XA203	31											SPP											
05073		XA203	32											GND32	02										
05074		XA203	32											GND102	03										
05075		XA203	33										K	+5VPA0	02										
05076		XA203	33			XA203	34			16B	9			+5VPA0	09										
05077		XA203	34			XA203	49			16B	9			+5VPA0	10										
05078		XA203	35											SPP											
05079		XA203	36											MAY13DX	04										
05080		XA203	37											MAY14DX	04										
05081		XA203	38											MAY15DX	04										
05082		XA203	39											SPP	01										
05083		XA203	40											MAY16DX	04										
05084		XA203	41											MAY17DX	04										
05085		XA203	42											MAY18DX	04										
05086		XA203	43											SPP											
05087		XA203	44											GND44	02										
05088		XA203	45											MAY19DX	04										
05089		XA203	46											MAY20DX	04										
05090		XA203	47											SPP											
05091		XA203	48											MAY22DX	04										
05092		XA203	49			XA203	50			16B	9			+5VPA0	11										
05093		XA203	50			XA203	59			16B	9			+5VPA0	12										
05094		XA203	51											MAY23DX	04										
05095		XA203	52											MAY24DX	04										
05096		XA203	53											MAY25DX	04										
CONNECTOR (XA203) CONTINUED ON THE NEXT PAGE ****																									

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DRAWING NUMBER 149304-880 UNIT ASSEMBLY NO. 149304 REV G INDEX XA203

UNIT ASSEMBLY CARD CAGE WIRED, MCU CONNECTOR FILE IDENT T39AMCMU DATE 09-02-82 PAGE 156

RECORD NUMBER	FROM PREFIX	FROM CONNECTOR	FROM PIN	FROM SH FG	TO PREFIX	TO CONNECTOR	TO PIN	TO SH FG	WIRE MULTI GROUP	WIRE CODE	WIRE COLOR	WIRE IDENT	SPC INST MISC	SIGNAL	SEE NO	EQUATION	T FRM	FACTOR	CAT OR CHIP TYPE	GROUP	QUAD CP POWER PLANE	TEST POINTS ANCTOR		SIGNAL DESCRIPTION	ECO NO
05097		XA203	54											MAY26DX	04										
05098		XA203	55											MAY27DX	04										
05099		XA203	56											MAY28DX	04										
05100		XA203	57											GND57	02										
05101		XA203	58											GND58	02										
05102		XA203	59			XA203	60			16B	9			+5VPA0	13										
05103		XA203	60			XA203	69			16B	9			+5VPA0	14										
05104		XA203	61											MAY29DX	04										
05105		XA203	62											MAY30DX	04										
05106		XA203	63											MAY31DX	04										
05107		XA203	64											SPP											
05108		XA203	65			XA202	69			16B	9			MAYACDX	00C										
05109		XA203	66			XA202	71			16B	9			MAYHCDX	00C										
05110		XA203	67											GND67	02										
05111		XA203	68											SPP											
05112		XA203	69			XA203	70			16B	9			+5VPA0	15										
05113		XA203	70											+5VPA0	16										
05114		XA203	71											SPP											
05115		XA203	72			XA202	77			16B	9			MAYAPDX	00C										
05116		XA203	73											SPP											
05117		XA203	74											MAYPFDX	04										
05118		XA203	75											SPP											
05119		XA203	76											SPP											
05120		XA203	77											MAYS1HX	04										
05121		XA203	78											MAYS2HX	04										
05122		XA203	79			XA202	76			16B	9			MAYS2GX	00C										
05123		XA203	80			XA202	74			16B	9			MAYS1GX	00C										
05124		XA204	01											SPP	01			VSE							
05125		XA204	02											GND	01			VSE							
05126		XA204	03											SPP	01			VSE							
05127		XA204	04											SPP	01			VSE							
05128		XA204	05											SPP	01			VSE							
05129		XA204	06											SPP	01			VSE							
05130		XA204	07											SPP	01			VSE							
05131		XA204	08											SPP	01			VSE							
05132		XA204	09										K	VARDCD2	04			VSE	VR						
05133		XA204	09											VARDCD2	06			VSE	VR						
05134		XA204	10										K	VARDCD2	02			VSE	VR						
05135		XA204	11											SPP	01			VSE							
05136		XA204	12											+5V	01			VSE							
05137		XA204	13											SPP	01			VSE							
05138		XA204	14											SPP	01			VSE							
05139		XA204	15											SPP	01			VSE							
05140		XA204	16											GND	01			VSE							
05141		XA204	17			XA211	63			16B	9			MCSD25	01			VSE	N1				BIT 25 VOLT SOURCE		
05142		XA204	18											SPP	01			VSE							
05143		XA204	19											SPP	01			VSE							
05144		XA204	20											SPP	01			VSE							
CONNECTOR XA204) CONTINUED ON THE NEXT PAGE ****																									

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DRAWING NUMBER 149304-880 UNIT ASSEMBLY NO. 149304 REV G INDEX XA204

UNIT ASSEMBLY CARD CAGE WIRED, MCU CONNECTOR FILE IDENT T39AMCMU DATE 09-02-82 PAGE 157

RECORD NUMBER	FROM PREFIX	FROM CONNECTOR	FROM PIN	FROM SHEET	TO PREFIX	TO CONNECTOR	TO PIN	TO SHEET	WIRE MULTI GROUP	WIRE CODE	WIRE COLOR	WIRE IDENT	SPECIAL INSTRUCTIONS	SIGNAL	SPEC NO	EQUATION	TERM FACTOR	CKT OR CHIP TYPE	GROUP	LOAD OR POWER PLANE	TEST POINTS AND	TEST POINTS OR	SIGNAL DESCRIPTION	ECO NO
05145		XA204	21											MCSD05	09			VSE	N2					
05146		XA204	22											SPP	01			VSE						
05147		XA204	23											SPP	01			VSE						
05148		XA204	24											SPP	01			VSE						
05149		XA204	25											SPP	01			VSE					KEYWAY	
05150		XA204	26											SPP	01			VSE					KEYWAY	
05151		XA204	27											SPP	01			VSE						
05152		XA204	28											+5V	01			VSE						
05153		XA204	29											MCSD10	09			VSE	N3					
05154		XA204	30											SPP	01			VSE						
05155		XA204	31											SPP	01			VSE						
05156		XA204	32											GND	01			VSE						
05157		XA204	33											SPP	01			VSE						
05158		XA204	34											SPP	01			VSE						
05159		XA204	35											SPP	01			VSE						
05160		XA204	36											SPP	01			VSE						
05161		XA204	37											SPP	01			VSE						
05162		XA204	38											SPP	01			VSE						
05163		XA204	39			XA207	63			168	9			MCSD27	01			VSE	N4				BIT 27 VOLT SOURCE	
05164		XA204	40											SPP	01			VSE						
05165		XA204	41											SPP	01			VSE						
05166		XA204	42											SPP	01			VSE						
05167		XA204	43											SPP	01			VSE						
05168		XA204	44											GND	01			VSE						
05169		XA204	45											SPP	01			VSE						
05170		XA204	46											SPP	01			VSE						
05171		XA204	47											MCSD21	09			VSE	N5					
05172		XA204	48											SPP	01			VSE						
05173		XA204	49											SPP	01			VSE						
05174		XA204	50											SPP	01			VSE						
05175		XA204	51											SPP	01			VSE					KEYWAY	
05176		XA204	52											SPP	01			VSE					KEYWAY	
05177		XA204	53											SPP	01			VSE						
05178		XA204	54											SPP	01			VSE						
05179		XA204	55											MCSD26	09			VSE	N6					
05180		XA204	56											SPP	01			VSE						
05181		XA204	57											SPP	01			VSE						
05182		XA204	58											GND	01			VSE						
05183		XA204	59											SPP	01			VSE						
05184		XA204	60											SPP	01			VSE						
05185		XA204	61											SPP	01			VSE						
05186		XA204	62											SPP	01			VSE						
05187		XA204	63											SPP	01			VSE	N7					
05188		XA204	64											SPP	01			VSE						
05189		XA204	65											SPP	01			VSE						
05190		XA204	66											SPP	01			VSE						
05191		XA204	67											GND	01			VSE						
05192		XA204	68											SPP	01			VSE						
05193		XA204	69											SPP	01			VSE						
05194		XA204	70											SPP	01			VSE						

CONNECTOR (XA204) CONTINUED ON THE NEXT PAGE ****

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DRAWING NUMBER 149304-880 UNIT ASSEMBLY NO. 149304 REV G INDEX XA204

UNIT ASSEMBLY CARD CAGE WIRED, MCU CONNECTOR FILE IDENT T39AMCMU DATE 09-02-82 PAGE 158

RECORD NUMBER	FROM PREFIX	FROM CONNECTOR	FROM PIN	FROM SHEET	TO PREFIX	TO CONNECTOR	TO PIN	TO SHEET	WIRE MULTI GROUP	WIRE CODE	WIRE COLOR	WIRE IDENT	SPEC INST MISC	SIGNAL	SEQ NO	EQUATION	TERM	FACTOR	CKT OR CHIP TYPE	GROUP	LOAD OF POWER PLANE	TEST POINTS GND	TEST POINTS DP	SIGNAL DESCRIPTION	ECO NO
05195		XA204	71											SPP	01				VSE						
05196		XA204	72											SPP	01				VSE						
05197		XA204	73											SPP	01				VSE						
05198		XA204	74											SPP	01				VSE						
05199		XA204	75											SPP	01				VSE						
05200		XA204	76											SPP	01				VSE						
05201		XA204	77											SPP	01				VSE						
05202		XA204	78											SPP	01				VSE						
05203		XA204	79											SPP	01				VSE						
05204		XA204	80											SPP	01				VSE						
05205		XA205	01											SPP											
05206		XA205	02											GND											
05207		XA205	03											SPP											
05208		XA205	04											SPP											
05209		XA205	05											SPP											
05210		XA205	06											SPP											
05211		XA205	07											SPP											
05212		XA205	08											SPP											
05213		XA205	09											SPP											
05214		XA205	10											SPP											
05215		XA205	11											SPP											
05216		XA205	12											+5V											
05217		XA205	13											SPP											
05218		XA205	14											SPP											
05219		XA205	15											SPP											
05220		XA205	16											GND											
05221		XA205	17											SPP											
05222		XA205	18											SPP											
05223		XA205	19											SPP											
05224		XA205	20											SPP											
05225		XA205	21											SPP											
05226		XA205	22											SPP											
05227		XA205	23											SPP											
05228		XA205	24											SPP											
05229		XA205	25											SPP											
05230		XA205	26											SPP											
05231		XA205	27											SPP											
05232		XA205	28											+5V											
05233		XA205	29											SPP											
05234		XA205	30											SPP											
05235		XA205	31											SPP											
05236		XA205	32											GND											
05237		XA205	33											SPP											
05238		XA205	34											SPP											
05239		XA205	35											SPP											
05240		XA205	36											SPP											
05241		XA205	37											SPP											
05242		XA205	38											SPP											

CONNECTOR XA205) CONTINUED ON THE NEXT PAGE ****

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Litton DATA SYSTEMS

DRAWING NUMBER 149304-880 UNIT ASSEMBLY NO. 149304 REV G INDEX XA205

UNIT ASSEMBLY CARD CAGE WIRED, MCU CONNECTOR FILE IDENT T39AMCMU DATE 09-02-82 PAGE 159

RECORD NUMBER	FROM PREFIX	FROM CONNECTOR	FROM PIN	FROM SHIELD	TO PREFIX	TO CONNECTOR	TO PIN	TO SHIELD	WIRE MULTI GROUP	WIRE CODE	WIRE COLOR	WIRE IDENT	SPECIAL WIRE	SIGNAL	SEQ NO	EQUATION	TERM FACTOR	CKT OR CHIP TYPE	GROUP	LOAD OR POWER PLANE	TEST POINTS AND	TEST POINTS OR	SIGNAL DESCRIPTION	ECO NO
05243		XA205	39											SPP										
05244		XA205	40											SPP										
05245		XA205	41											SPP										
05246		XA205	42											SPP										
05247		XA205	43											SPP										
05248		XA205	44											GND										
05249		XA205	45											SPP										
05250		XA205	46											SPP										
05251		XA205	47											SPP										
05252		XA205	48											SPP										
05253		XA205	49											SPP										
05254		XA205	50											SPP										
05255		XA205	51											SPP										
05256		XA205	52											SPP										
05257		XA205	53											SPP										
05258		XA205	54											SPP										
05259		XA205	55											SPP										
05260		XA205	56											SPP										
05261		XA205	57											SPP										
05262		XA205	58											GND										
05263		XA205	59											SPP										
05264		XA205	60											SPP										
05265		XA205	61											SPP										
05266		XA205	62											SPP										
05267		XA205	63											SPP										
05268		XA205	64											SPP										
05269		XA205	65											SPP										
05270		XA205	66											SPP										
05271		XA205	67											GND										
05272		XA205	68											SPP										
05273		XA205	69											SPP										
05274		XA205	70											SPP										
05275		XA205	71											SPP										
05276		XA205	72											SPP										
05277		XA205	73											SPP										
05278		XA205	74											SPP										
05279		XA205	75											SPP										
05280		XA205	76											SPP										
05281		XA205	77											SPP										
05282		XA205	78											SPP										
05283		XA205	79											SPP										
05284		XA205	80											SPP										
05285		XA206	01			XA204	21			16B	9			MCSD05	08			SWT	Z1					
05286		XA206	02											GND	01			SWT						
05287		XA206	03			XA207	07			16B	9			MDB0AB	03			SWT	Z1					
05288		XA206	04			XA207	10			16B	9			MDB1AB	15			SWT	Z1					
05289		XA206	05											SPP	01			SWT	Z1					
05290		XA206	06			XA207	06			16B	9			MDW05A	03			SWT	Z1					
CONNECTOR XA206) CONTINUED ON THE NEXT PAGE ****																								

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Litton DATA SYSTEMS

DRAWING NUMBER 149304-880 UNIT ASSEMBLY NO. 149304 REV G INDEX XA206

UNIT ASSEMBLY CARD CAGE WIRED, MCU CONNECTOR FILE IDENT T39AMCMU DATE 09-02-82 PAGE 160

RECORD NUMBER	FROM PREFIX	FROM CONNECTOR	FROM PIN	FROM SH FG	TO PREFIX	TO CONNECTOR	TO PIN	TO SH FG	WIRE MULTI GROUP	WIRE CODE	WIRE COLOR	WIRE IDENT	SPEC TEST MISC	SIGNAL	SEC NO	EQUATION	TERM	FACTOR	CKT OR CHIP TYPE	GROUP	QUAD OR POWER PLANE	TEST POINTS ANC	TEST POINTS OR	SIGNAL DESCRIPTION	ECO NO
05291		XA206	07			XA207	03			16B	9			MDB2AB	03				SWT	Z1					
05292		XA206	08			XA207	08			16B	9			MDRIBB	18				SWT	Z1					
05293		XA206	09			XA207	15			16B	9			05YSS0	01				SWT	Z1					
05294		XA206	10			XA207	04			16B	9			MDB3AB	03				SWT	Z1					
05295		XA206	11											05YSS1	02				SWT	Z1					
05296		XA206	12											+5V	01				SWT						
05297		XA206	13											05YCA0	02				SWT	Z2					
05298		XA206	14			XA208	14			18D	2			+12VOLT	026				SWT						
05299		XA206	14			XA206	47			18D	2			+12VOLT	117				SWT						
05300		XA206	15			XA207	09			16B	9			05YSS2	01				SWT	Z1					
05301		XA206	16											GND	01				SWT						
05302		XA206	17			XA207	17			16B	9			MCSD05	05				SWT	Z2					
05303		XA206	18											05YCA1	02				SWT	Z2					
05304		XA206	19			XA208	19			16B	9			MDA0AB	03				SWT	Z2					
05305		XA206	20			XA207	62			16B	9			MDA1AB	16				SWT	Z2					
05306		XA206	21											05YSS3	02				SWT	Z1					
05307		XA206	22			XA207	60			16B	9			MDA3AB	16				SWT	Z2					
05308		XA206	23			XA207	23			16B	9			MDR05A	03				SWT	Z2					
05309		XA206	24											05YCC3	02				SWT	Z2					
05310		XA206	25			XA110	76			16B	9			MDWIBB	26				SWT	Z2					
05311		XA206	26											SPP	01				SWT	Z2					
05312		XA206	27			XA208	27			16B	9			MDA2AB	05				SWT	Z2					
05313		XA206	28											+5V	01				SWT						
05314		XA206	29											SPP	01				SWT					KEYWAY	
05315		XA206	30											SPP	01				SWT					KEYWAY	
05316		XA206	31											05YCC2	02				SWT	Z2					
05317		XA206	32											GND	01				SWT						
05318		XA206	33			XA206	17			16B	9			MCSD05	04				SWT	Z3					
05319		XA206	34											MDB5AB	22				SWT	Z3					
05320		XA206	35			XA208	35			16B	9			MDB6AB	03				SWT	Z3					
05321		XA206	36			XA207	34			16B	9			MDB7AB	01				SWT	Z3					
05322		XA206	37			XA207	37			16B	9			MDW05A	01				SWT	Z3					
05323		XA206	38											SPP	01				SWT	Z3					
05324		XA206	39			XA207	39			16B	9			MDRIBB	16				SWT	Z3					
05325		XA206	40			XA207	53			16B	9			05YSS5	01				SWT	Z3					
05326		XA206	41											SPP	01				SWT					KEYWAY	
05327		XA206	42											SPP	01				SWT					KEYWAY	
05328		XA206	43											MDB6AB	22				SWT	Z3					
05329		XA206	44											GND	01				SWT						
05330		XA206	45											05YSS4	02				SWT	Z3					
05331		XA206	46											SPP	01				SWT						
05332		XA206	47			XA307	14			18D	2			+12VOLT	042				SWT						
05333		XA206	47										K	+12VOLT	118				SWT						
05334		XA206	48											SPP	01				SWT						
05335		XA206	49											05YCA6	02				SWT	Z4					
05336		XA206	50			XA207	33			16B	9			MCSD05	02				SWT	Z4					
05337		XA206	51			XA207	45			16B	9			05YSS6	01				SWT	Z3					
05338		XA206	52											05YCA7	02				SWT	Z4					
05339		XA206	53											05YSS7	02				SWT	Z3					
05340		XA206	54			XA207	27			16B	9			MDA6AB	04				SWT	Z4					

CONNECTOR XA206 CONTINUED ON THE NEXT PAGE ****

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UNIT ASSEMBLY CARD CAGE WIRED, MCU CONNECTOR FILE IDENT T39AMCMU DATE 09-02-82 PAGE 161

RECORD NUMBER	FROM PREFIX	FROM CONNECTOR	FROM PIN	FROM SH FB	TO PREFIX	TO CONNECTOR	TO PIN	TO SH FB	WIRE MULTI GROUP	WIRE CODE	WIRE COLOR	WIRE IDENT	SPC INST MISC	SIGNAL	SEQ NO	EQUATION	TERM	FACTOR	CKT OR CHIP TYPE	GROUP	LOAD OR POWER PLANE	TEST POINTS AND	TEST POINTS OR	SIGNAL DESCRIPTION	ECO NO
05341		XA206	55			XA207	55			16B	9			MDWIBB	09				SWT	Z4					
05342		XA206	56			XA206	23			16B	9			MDRO5A	02				SWT	Z4					
05343		XA206	57			XA208	57			16B	9			MDA4AB	01				SWT	Z4					
05344		XA206	58											GND	01				SWT						
05345		XA206	59											SPP	01				SWT	Z4					
05346		XA206	60			XA208	60			16B	9			MDA7AB	03				SWT	Z4					
05347		XA206	61											O5YCC4	02				SWT	Z4					
05348		XA206	62											MDA5AB	22				SWT	Z4					
05349		XA206	63											SPP	01				SWT	Z5					
05350		XA206	64											O5YCC5	02				SWT	Z4					
05351		XA206	65											SPP	01				SWT						
05352		XA206	66											SPO	01				SWT	Z5					
05353		XA206	67											GND	01				SWT						
05354		XA206	68											SPP	01				SWT	Z5					
05355		XA206	69											SPO	01				SWT	Z5					
05356		XA206	70											SPP	01				SWT						
05357		XA206	71											SPP	01				SWT	Z5					
05358		XA206	72											SPP	01				SWT	Z5					
05359		XA206	73											SPP	01				SWT						
05360		XA206	74											SPP	01				SWT	Z5					
05361		XA206	75											SPP	01				SWT	Z5					
05362		XA206	76											SPP	01				SWT	Z5					
05363		XA206	77											SPO	01				SWT	Z5					
05364		XA206	78											SPP	01				SWT	Z5					
05365		XA206	79											SPP	01				SWT						
05366		XA206	80											SPO	01				SWT	Z5					
05367		XA207	01			XA206	01			16B	9			MCSD05	07				SWT	Z1					
05368		XA207	02											GND	01				SWT						
05369		XA207	03			XA208	07			16B	9			MDB2AB	04				SWT	Z1					
05370		XA207	04			XA208	10			16B	9			MDB3AB	04				SWT	Z1					
05371		XA207	05											SPP	01				SWT	Z1					
05372		XA207	06			XA217	21			16B	9			MDWO5A	04				SWT	Z1					
05373		XA207	07			XA208	03			16B	9			MDB0AB	04				SWT	Z1					
05374		XA207	08			XA208	08			16B	9			MDRIBB	19				SWT	Z1					
05375		XA207	09											O5YSS2	02				SWT	Z1					
05376		XA207	10			XA208	04			16B	9			MDB1AB	16				SWT	Z1					
05377		XA207	11			XA206	21			16B	9			O5YSS3	01				SWT	Z1					
05378		XA207	12											+5V	01				SWT						
05379		XA207	13											O5YCA4	02				SWT	Z2					
05380		XA207	14			XA206	14			1BD	2			+12VOLT	025				SWT						
05381		XA207	14											+12VOLT	156				SWT						
05382		XA207	15											O5YSSO	02				SWT	Z1					
05383		XA207	16											GND	01				SWT						
05384		XA207	17			XA207	01			16B	9			MCSD05	06				SWT	Z2					
05385		XA207	18											O5YCA5	02				SWT	Z2					
05386		XA207	19			XA209	19			16B	9			MDA4AB	03				SWT	Z2					
05387		XA207	20			XA208	62			16B	9			MDA5AB	20				SWT	Z2					
05388		XA207	21			XA206	11			16B	9			O5YSS1	01				SWT	Z1					
CONNECTOR (XA207) CONTINUED ON THE NEXT PAGE ****																									

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DRAWING NUMBER 149304-880 UNIT ASSEMBLY NO. 149304 REV G INDEX XA207

UNIT ASSEMBLY CARD CAGE WIRED, MCU CONNECTOR FILE IDENT T39AMCMU DATE 09-02-82 PAGE 162

RECORD NUMBER	FROM PREFIX	FROM CONNECTOR	FROM PIN	FROM SH PG	TO PREFIX	TO CONNECTOR	TO PIN	TO SH PG	WIRE MULTI GROUP	WIRE CODE	WIRE COLOR	WIRE IDENT	SPC INST MISC	SIGNAL	SEQ NO	EQUATION	TERM	FACTOR	CKT OR CHIP TYPE	GROUP	LOAD OR POWER PLANE	TEST POINTS AND	TEST POINTS OR	SIGNAL DESCRIPTION	ECO NO
05389		XA207	22			XA206	60			16B	9			MDA7AB	02				SWT	Z2					
05390		XA207	23			XA218	21			16B	9			MDR05A	04				SWT	Z2					
05391		XA207	24											05YCC7	02				SWT	Z2					
05392		XA207	25			XA206	25			16B	9			MDWIBB	25				SWT	Z2					
05393		XA207	26											SPP	01				SWT	Z2					
05394		XA207	27			XA209	27			16B	9			MDA6AB	05				SWT	Z2					
05395		XA207	28											+5V	01				SWT						
05396		XA207	29											SPP	01				SWT					KEYWAY	
05397		XA207	30											SPP	01				SWT					KEYWAY	
05398		XA207	31											05YCC6	02				SWT	Z2					
05399		XA207	32											GND	01				SWT						
05400		XA207	33			XA206	33			16B	9			MCSD05	03				SWT	Z3					
05401		XA207	34			XA208	36			16B	9			MDB7AB	02				SWT	Z3					
05402		XA207	35			XA208	43			16B	9			MDB6AB	20				SWT	Z3					
05403		XA207	36			XA206	34			16B	9			MDB5AB	21				SWT	Z3					
05404		XA207	37			XA206	06			16B	9			MDW05A	02				SWT	Z3					
05405		XA207	38											SPP	01				SWT	Z3					
05406		XA207	39			XA206	08			16B	9			MDRIBB	17				SWT	Z3					
05407		XA207	40			XA206	53			16B	9			05YSS7	01				SWT	Z3					
05408		XA207	41											SPP	01				SWT					KEYWAY	
05409		XA207	42											SPP	01				SWT					KEYWAY	
05410		XA207	43			XA206	35			16B	9			MDB4AB	02				SWT	Z3					
05411		XA207	44											GND	01				SWT						
05412		XA207	45											05YSS6	02				SWT	Z3					
05413		XA207	46											SPP	01				SWT						
05414		XA207	47			XA206	47			18D	2			+12VOLT	041				SWT						
05415		XA207	47										K	+12VOLT	110				SWT						
05416		XA207	48											SPP	01				SWT						
05417		XA207	49											05YCA2	02				SWT	Z4					
05418		XA207	50			XA206	50			16B	9			MCSD05	01				SWT	Z4				BIT 05 VOLT SOURCE	
05419		XA207	51			XA206	45			16B	9			05YSS4	01				SWT	Z3					
05420		XA207	52											05YCA3	02				SWT	Z4					
05421		XA207	53											05YSS5	02				SWT	Z3					
05422		XA207	54			XA206	27			16B	9			MDA2AB	04				SWT	Z4					
05423		XA207	55			XA208	55			16B	9			MDWIBB	10				SWT	Z4					
05424		XA207	56			XA206	56			16B	9			MDR05A	01				SWT	Z4					
05425		XA207	57			XA206	19			16B	9			MDA0AB	02				SWT	Z4					
05426		XA207	58											GND	01				SWT						
05427		XA207	59											SPP	01				SWT	Z4					
05428		XA207	60			XA209	60			16B	9			MDA3AB	17				SWT	Z4					
05429		XA207	61											05YCC0	02				SWT	Z4					
05430		XA207	62			XA209	62			16B	9			MDA1AB	17				SWT	Z4					
05431		XA207	63			XA208	63			16B	9			MCSD27	02				SWT	Z5					
05432		XA207	64											05YCC1	02				SWT	Z4					
05433		XA207	65											27YSS3	02				SWT						
05434		XA207	66											27YCA3	02				SWT	Z5					
05435		XA207	67											GND	01				SWT						
05436		XA207	68											MDA2BB	24				SWT	Z5					
05437		XA207	69											27YCA2	02				SWT	Z5					
05438		XA207	70											27YSS1	02				SWT						
CONNECTOR XA207) CONTINUED ON THE NEXT PAGE ****																									

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DRAWING NUMBER 149304-880 UNIT ASSEMBLY NO. 149304 REV G INDEX XA207

UNIT ASSEMBLY CARD CAGE WIRED, MCU CONNECTOR FILE IDENT T39AMCMU DATE 09-02-82 PAGE 163

RECORD NUMBER	FROM PREFIX	FROM CONNECTOR	FROM PIN	FROM SHIELD	TO PREFIX	TO CONNECTOR	TO PIN	TO SHIELD	WIRE MULTI GROUP	WIRE CODE	WIRE COLOR	WIRE IDENT	SPEC INST MISC	SIGNAL	SEQ NO	EQUATION	TERM	FACTOR	CKT OR CHIP TYPE	GROUP	LOAD OR POWER PLANE	TEST POINTS AND	TEST POINTS OR	SIGNAL DESCRIPTION	ECO NO
05439		XA207	71			XA318	22			168	9			MDR27A	03				SWT	Z5					
05440		XA207	72			XA211	78			168	9			MDA3BB	16				SWT	Z5					
05441		XA207	73											27YC03	02				SWT						
05442		XA207	74											SPP	01				SWT	Z5					
05443		XA207	75			XA307	19			168	9			MDA0BB	08				SWT	Z5					
05444		XA207	76			XA206	55			168	9			MDWIBB	08				SWT	Z5					
05445		XA207	77											27YCC0	02				SWT	Z5					
05446		XA207	78			XA211	72			168	9			MDA1BB	17				SWT	Z5					
05447		XA207	79											27YCI1	02				SWT						
05448		XA207	80											27YCC1	02				SWT	Z5					
05449		XA208	01			XA204	29			168	9			MCSD10	08				SWT	Z1					
05450		XA208	02											GND	01				SWT						
05451		XA208	03			XA209	07			168	9			MDB0AB	05				SWT	Z1					
05452		XA208	04			XA209	10			168	9			MDB1AB	17				SWT	Z1					
05453		XA208	05											SPP	01				SWT	Z1					
05454		XA208	06			XA208	37			168	9			MDW10A	02				SWT	Z1					
05455		XA208	07			XA209	03			168	9			MDB2AB	05				SWT	Z1					
05456		XA208	08			XA209	08			168	9			MDRIBB	20				SWT	Z1					
05457		XA208	09											10YSS0	02				SWT	Z1					
05458		XA208	10			XA209	04			168	9			MDB3AB	05				SWT	Z1					
05459		XA208	11											10YSS1	02				SWT	Z1					
05460		XA208	12											+5V	01				SWT						
05461		XA208	13											10YCA0	02				SWT	Z2					
05462		XA208	14			XA209	14			18D	2			+12VOLT	027				SWT						
05463		XA208	14										M	+12VOLT	01				SWT						
05464		XA208	15			XA209	09			168	9			10YSS2	01				SWT	Z1					
05465		XA208	16											GND	01				SWT						
05466		XA208	17			XA209	17			168	9			MCSD10	05				SWT	Z2					
05467		XA208	18											10YCA1	02				SWT	Z2					
05468		XA208	19			XA215	06			168	9			MDA0AB	04				SWT	Z2					
05469		XA208	20			XA206	20			168	9			MDA1AB	15				SWT	Z2					
05470		XA208	21			XA209	11			168	9			10YSS3	01				SWT	Z1					
05471		XA208	22			XA206	22			168	9			MDA3AB	15				SWT	Z2					
05472		XA208	23			XA209	23			168	9			MDR10A	01				SWT	Z2					
05473		XA208	24											10YCC3	02				SWT	Z2					
05474		XA208	25			XA207	25			168	9			MDWIBB	24				SWT	Z2					
05475		XA208	26											SPP	01				SWT	Z2					
05476		XA208	27			XA110	75			168	9			MDA2AB	06				SWT	Z2					
05477		XA208	28											+5V	01				SWT						
05478		XA208	29											SPP	01				SWT					KEYWAY	
05479		XA208	30											SPP	01				SWT					KEYWAY	
05480		XA208	31											10YCC2	02				SWT	Z2					
05481		XA208	32											GND	01				SWT						
05482		XA208	33			XA208	17			168	9			MCSD10	04				SWT	Z3					
05483		XA208	34			XA207	36			168	9			MDB5AB	20				SWT	Z3					
05484		XA208	35			XA216	06			168	9			MDB4AB	06				SWT	Z3					
05485		XA208	36			XA209	34			168	9			MDB7AB	03				SWT	Z3					
05486		XA208	37			XA209	37			168	9			MDW10A	03				SWT	Z3					
CONNECTOR		XA208	CONTINUED ON THE NEXT PAGE ****																						

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DRAWING NUMBER 149304-880 UNIT ASSEMBLY NO. 149304 REV G INDEX XA208

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RECORD NUMBER	FROM PREFIX	FROM CONNECTOR	FROM PIN	FROM SH FG	TO PREFIX	TO CONNECTOR	TO PIN	TO SH FG	WIRE MULTI GROUP	WIRE CODE	WIRE COLOR	WIRE IDENT	WIRE SPC TEST MISC	SIGNAL	SEC NO	EQUATION	TERM	FACTOR	CKT OR CHIP TYPE	GROUP	LOAD CP POWER PLANE	TEST POINTS AND	TEST POINTS OR	SIGNAL DESCRIPTION	ECO NO
05487		XA208	38											SPP	01				SWT	Z3					
05488		XA208	39			XA206	39			16B	9			MDRIBB	15				SWT	Z3					
05489		XA208	40											10YSS5	02				SWT	Z3					
05490		XA208	41											SPP	01				SWT					KEYWAY	
05491		XA208	42											SPP	01				SWT					KEYWAY	
05492		XA208	43			XA206	43			16B	9			MDB6AB	21				SWT	Z3					
05493		XA208	44											GND	01				SWT						
05494		XA208	45			XA209	51			16B	9			10YSS4	01				SWT	Z3					
05495		XA208	46											SPP	01				SWT						
05496		XA208	47			XA207	47			18D	2			+12V01T	060				SWT						
05497		XA208	48											SPP	01				SWT						
05498		XA208	49											10YCA6	02				SWT	Z4					
05499		XA208	50			XA209	33			16B	9			MCSD10	02				SWT	Z4					
05500		XA208	51											10YSS6	02				SWT	Z3					
05501		XA208	52											10YCA7	02				SWT	Z4					
05502		XA208	53											10YSS7	02				SWT	Z3					
05503		XA208	54			XA206	54			16B	9			MDA6AB	03				SWT	Z4					
05504		XA208	55			XA209	55			16B	9			MDM1BB	11				SWT	Z4					
05505		XA208	56			XA209	56			16B	9			MDR10A	03				SWT	Z4					
05506		XA208	57			XA207	19			16B	9			MDA6AB	02				SWT	Z4					
05507		XA208	58											GND	01				SWT						
05508		XA208	59											SPP	01				SWT	Z4					
05509		XA208	60			XA215	51			16B	9			MDA7AB	04				SWT	Z4					
05510		XA208	61											10YCC6	02				SWT	Z4					
05511		XA208	62			XA206	62			16B	9			MDA5AB	21				SWT	Z4					
05512		XA208	63			XA209	63			16B	9			MCSD27	03				SWT	Z5					
05513		XA208	64											10YCC5	02				SWT	Z4					
05514		XA208	65			XA210	15			16B	9			27YSS2	01				SWT						
05515		XA208	66			XA207	73			16B	9			27YC03	01				SWT	Z5				BIT 27 SQ DIODE 3	
05516		XA208	67											GND	01				SWT						
05517		XA208	68			XA210	07			16B	9			MDB2BB	18				SWT	Z5					
05518		XA208	69											27YC02	02				SWT	Z5					
05519		XA208	70			XA210	09			16B	9			27YSS0	01				SWT						
05520		XA208	71			XA210	71			16B	9			MDM27A	03				SWT	Z5					
05521		XA208	72			XA212	78			16B	9			MDB3BB	17				SWT	Z5					
05522		XA208	73			XA208	69			16B	9			27YC02	01				SWT					BIT 27 SQ DIODE 2	
05523		XA208	74											SPP	01				SWT	Z5					
05524		XA208	75			XA307	03			16B	9			MDB0BB	09				SWT	Z5					
05525		XA208	76			XA210	76			16B	9			MDRIBB	05				SWT	Z5					
05526		XA208	77											27YC10	02				SWT	Z5					
05527		XA208	78			XA307	04			16B	9			MDB1BB	11				SWT	Z5					
05528		XA208	79			XA208	77			16B	9			27YC10	01				SWT					BIT 27 SI DIODE 0	
05529		XA208	80			XA207	79			16B	9			27YC11	01				SWT	Z5				BIT 27 SI DIODE 1	
05530		XA209	01			XA208	01			16B	9			MCSD10	07				SWT	Z1					
05531		XA209	02											GND	01				SWT						
05532		XA209	03			XA111	75			16B	9			MDR2AB	06				SWT	Z1					
05533		XA209	04			XA111	78			16B	9			MDB3AB	06				SWT	Z1					
05534		XA209	05											SPP	01				SWT	Z1					
CONNECTOR XA209) CONTINUED ON THE NEXT PAGE ****																									

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UNIT ASSEMBLY CARD CAGE WIRED, MCU CONNECTOR FILE IDENT T39AMCMU DATE 09-02-82 PAGE 165

RECORD NUMBER	FROM PREFIX	FROM CONNECTOR	FROM PIN	FROM SH FG	TO PREFIX	TO CONNECTOR	TO PIN	TO SH FG	WIRE MULT GROUP	WIRE CODE	WIRE COLOR	WIRE IDENT	WIRE SPEC INST MISC	SIGNAL	SEQ NO	EQUATION	TERM	FACTOR	CKT OR CHIP TYPE	GROUP	LOAD OR POWER PLANE	TEST POINTS AND	TEST POINTS OR	SIGNAL DESCRIPTION	ECO NO
05535		XA209	06			XA208	06			16B	9			MDW10A	01				SWT	Z1					
05536		XA209	07			XA113	75			16B	9			MDB0AB	06				SWT	Z1					
05537		XA209	08			XA210	08			16B	9			MDR1BB	21				SWT	Z1					
05538		XA209	09											10YSS2	02				SWT	Z1					
05539		XA209	10			XA215	57			16B	9			MC31AB	18				SWT	Z1					
05540		XA209	11											10YSS3	02				SWT	Z1					
05541		XA209	12											+5V	01				SWT						
05542		XA209	13											10YCA4	02				SWT	Z2					
05543		XA209	14			XA210	14			18D	2			+12VOLT	028				SWT						
05544		XA209	15			XA208	09			16B	9			10YSS0	01				SWT	Z1					
05545		XA209	16											GND	01				SWT						
05546		XA209	17			XA209	01			16B	9			MCSD10	06				SWT	Z2					
05547		XA209	18											10YCA5	02				SWT	Z2					
05548		XA209	19			XA215	38			16B	9			MDA4AB	04				SWT	Z2					
05549		XA209	20			XA207	20			16B	9			MDA5AB	19				SWT	Z2					
05550		XA209	21			XA208	11			16B	9			10YSS1	01				SWT	Z1					
05551		XA209	22			XA207	22			16B	9			MDA7AB	01				SWT	Z2					
05552		XA209	23			XA208	56			16B	9			MDR10A	02				SWT	Z2					
05553		XA209	24											10YCC7	02				SWT	Z2					
05554		XA209	25			XA208	25			16B	9			MDW1BB	23				SWT	Z2					
05555		XA209	26											SPP	01				SWT	Z2					
05556		XA209	27			XA114	75			16B	9			MDA6AB	06				SWT	Z2					
05557		XA209	28											+5V	01				SWT						
05558		XA209	29											SPP	01				SWT					KEYWAY	
05559		XA209	30											SPP	01				SWT					KEYWAY	
05560		XA209	31											10YCC6	02				SWT	Z2					
05561		XA209	32											GND	01				SWT						
05562		XA209	33			XA208	33			16B	9			MCSD10	03				SWT	Z3					
05563		XA209	34			XA216	27			16B	9			MDB7AB	04				SWT	Z3					
05564		XA209	35			XA207	35			16B	9			MDB6AB	19				SWT	Z3					
05565		XA209	36			XA208	34			16B	9			MDB5AB	19				SWT	Z3					
05566		XA209	37			XA217	39			16B	9			MDW10A	04				SWT	Z3					
05567		XA209	38											SPP	01				SWT	Z3					
05568		XA209	39			XA208	39			16B	9			MDR1BB	14				SWT	Z3					
05569		XA209	40			XA208	53			16B	9			10YSS7	01				SWT	Z3					
05570		XA209	41											SPP	01				SWT					KEYWAY	
05571		XA209	42											SPP	01				SWT					KEYWAY	
05572		XA209	43			XA207	43			16B	9			MDB4AB	01				SWT	Z3					
05573		XA209	44											GND	01				SWT						
05574		XA209	45			XA208	51			16B	9			10YSS6	01				SWT	Z3					
05575		XA209	46											SPP	01				SWT						
05576		XA209	47			XA208	47			18D	2			+12VOLT	039				SWT						
05577		XA209	48											SPP	01				SWT						
05578		XA209	49											10YCA2	02				SWT	Z4					
05579		XA209	50			XA208	50			16B	9			MCSD10	01				SWT	Z4				BIT 10 VOLT SOURCE	
05580		XA209	51											10YSS4	02				SWT	Z3					
05581		XA209	52											10YCA3	02				SWT	Z4					
05582		XA209	53			XA208	40			16B	9			10YSS5	01				SWT	Z3					
05583		XA209	54			XA207	54			16B	9			MDA2AB	03				SWT	Z4					
05584		XA209	55			XA210	55			16B	9			MDW1BB	12				SWT	Z4					
CONNECTOR XA209 CONTINUED ON THE NEXT PAGE ****																									

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UNIT ASSEMBLY CARD CAGE WIRED, MCU CONNECTOR FILE IDENT T39AMCMU DATE 09-02-82 PAGE 166

RECORD NUMBER	FROM PREFIX	FROM CONNECTOR	FROM PIN	FROM SPL PIN	TO PREFIX	TO CONNECTOR	TO PIN	TO SPL PIN	WIRE MULTI GROUP	WIRE CODE	WIRE COLOR	WIRE IDENT	SPC INST MISC	SIGNAL	SEQ NO	EQUATION	TERM	FACTOR	CKT OR CHIP TYPE	GROUP	LOAD OR POWER PLANE	TEST POINTS AND	TEST POINTS OR	SIGNAL DESCRIPTION	ECO NO
05585		XA209	56			XA218	39			16B	9			MDR10A	04				SWT	Z4					
05586		XA209	57			XA207	57			16B	9			MDA0AB	01				SWT	Z4					
05587		XA209	58											GND	01				SWT						
05588		XA209	59											SPP	01				SWT	Z4					
05589		XA209	60			XA215	27			16B	9			MDA3AB	18				SWT	Z4					
05590		XA209	61											10YCC0	02				SWT	Z4					
05591		XA209	62			XA215	15			16B	9			MDA1AB	18				SWT	Z4					
05592		XA209	63			XA210	63			16B	9			MCSD27	04				SWT	Z5					
05593		XA209	64											10YCC1	02				SWT	Z4					
05594		XA209	65											27YSS7	02				SWT						
05595		XA209	66											27YCA7	02				SWT	Z5					
05596		XA209	67											GND	01				SWT						
05597		XA209	68			XA211	54			16B	9			MDA6BB	17				SWT	Z5					
05598		XA209	69											27YCA6	02				SWT	Z5					
05599		XA209	70											27YSS5	02				SWT						
05600		XA209	71			XA210	23			16B	9			MDR27A	00				SWT	Z5					
05601		XA209	72			XA210	62			16B	9			MDA7BB	17				SWT	Z5					
05602		XA209	73			XA210	66			16B	9			27YC07	01				SWT					BIT 27 SI DIODE 7	
05603		XA209	74											SPP	01				SWT	Z5					
05604		XA209	75			XA211	57			16B	9			MDA4BB	17				SWT	Z5					
05605		XA209	76			XA207	76			16B	9			MDWIBB	07				SWT	Z5					
05606		XA209	77											27YCC4	02				SWT	Z5					
05607		XA209	78			XA314	20			16B	9			MDA5BB	06				SWT	Z5					
05608		XA209	79			XA210	80			16B	9			27YC15	01				SWT					BIT 27 SI DIODE 5	
05609		XA209	80											27YCC5	02				SWT	Z5					
05610		XA210	01											MCSD27	09				SWT	Z1					
05611		XA210	02											GND	01				SWT						
05612		XA210	03											MDR0BB	24				SWT	Z1					
05613		XA210	04			XA312	10			16B	9			MDB1BB	05				SWT	Z1					
05614		XA210	05											SPP	01				SWT	Z1					
05615		XA210	06			XA210	37			16B	9			MDW27A	01				SWT	Z1					
05616		XA210	07			XA211	07			16B	9			MDR2BB	19				SWT	Z1					
05617		XA210	08			XA211	08			16B	9			MDRIBB	22				SWT	Z1					
05618		XA210	09											27YSS0	02				SWT	Z1					
05619		XA210	10											MDB3BB	24				SWT	Z1					
05620		XA210	11			XA207	70			16B	9			27YSS1	01				SWT	Z1					
05621		XA210	12											+5V	01				SWT						
05622		XA210	13											27YCA0	02				SWT	Z2					
05623		XA210	14			XA211	14			18D	2			+12VOLT	029				SWT						
05624		XA210	14			XA210	47			18D	2			+12VOLT	119				SWT						
05625		XA210	15											27YSS2	02				SWT	Z1					
05626		XA210	16											GND	01				SWT						
05627		XA210	17			XA210	01			16B	9			MCSD27	08				SWT	Z2					
05628		XA210	18											27YCA1	02				SWT	Z2					
05629		XA210	19			XA211	19			16B	9			MDA0BB	01				SWT	Z2					
05630		XA210	20											MDA1BB	24				SWT	Z2					
05631		XA210	21			XA207	65			16B	9			27YSS3	01				SWT	Z1					
05632		XA210	22											MDA3BB	23				SWT	Z2					
CONNECTOR XA210) CONTINUED ON THE NEXT PAGE ****																									

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UNIT ASSEMBLY CARD CAGE WIRED, MCU CONNECTOR FILE IDENT T39AMCMU DATE 09-02-82 PAGE 167

RECORD NUMBER	FROM PREFIX	FROM CONNECTOR	FROM PIN	FROM SH FG	TO PREFIX	TO CONNECTOR	TO PIN	TO SH FG	WIRE MULTI GROUP	WIRE CODE	WIRE COLOR	WIRE IDENT	SPEC INST MISC	SIGNAL	SEQ NO	EQUATION	TERM	FACTOR	CKT OR CHIP TYPE	GROUP	LOAD OR POWER PLANE	TEST POINTS AND	TEST POINTS OR	SIGNAL DESCRIPTION	ECO NO
05633		XA210	23			XA210	56			16B	9			MDR27A	01				SWT	Z2					
05634		XA210	24											27YCC3	02				SWT	Z2					
05635		XA210	25			XA209	25			16B	9			MDWI8B	22				SWT	Z2					
05636		XA210	26											SPP	01				SWT	Z2					
05637		XA210	27			XA207	68			16B	9			MDA2BB	23				SWT	Z2					
05638		XA210	28											+5V	01				SWT						
05639		XA210	29											SPP	01				SWT					KEYWAY	
05640		XA210	30											SPP	01				SWT					KEYWAY	
05641		XA210	31											27YCC2	02				SWT	Z2					
05642		XA210	32											GND	01				SWT						
05643		XA210	33			XA210	17			16B	9			MCSD27	07				SWT	Z3					
05644		XA210	34			XA211	34			16B	9			MDB5BB	18				SWT	Z3					
05645		XA210	35			XA211	35			16B	9			MDB4BB	01				SWT	Z3					
05646		XA210	36			XA211	36			16B	9			MDB7BB	19				SWT	Z3					
05647		XA210	37			XA208	71			16B	9			MDW27A	02				SWT	Z3					
05648		XA210	38											SPP	01				SWT	Z3					
05649		XA210	39			XA209	39			16B	9			MDRIBB	13				SWT	Z3					
05650		XA210	40			XA209	70			16B	9			27YSS5	01				SWT	Z3					
05651		XA210	41											SPP	01				SWT					KEYWAY	
05652		XA210	42											SPP	01				SWT					KEYWAY	
05653		XA210	43			XA210	68			16B	9			MDB6BB	05				SWT	Z3					
05654		XA210	44											GND	01				SWT						
05655		XA210	45											27YSS4	02				SWT	Z3					
05656		XA210	46											SPP	01				SWT						
05657		XA210	47			XA209	47			18D	2			+12VOLT	038				SWT						
05658		XA210	47										K	+12VOLT	120				SWT						
05659		XA210	48											SPP	01				SWT						
05660		XA210	49											27YCA4	02				SWT	Z4					
05661		XA210	50			XA210	33			16B	9			MCSD27	06				SWT	Z4					
05662		XA210	51											27YSS6	02				SWT	Z3					
05663		XA210	52											27YCA5	02				SWT	Z4					
05664		XA210	53			XA209	65			16B	9			27YSS7	01				SWT	Z3					
05665		XA210	54			XA213	57			16B	9			MDA4BB	19				SWT	Z4					
05666		XA210	55			XA211	55			16B	9			MDWI8B	13				SWT	Z4					
05667		XA210	56			XA207	71			16B	9			MDR27A	02				SWT	Z4					
05668		XA210	57											MDA6BB	22				SWT	Z4					
05669		XA210	58											GND	01				SWT						
05670		XA210	59											SPP	01				SWT	Z4					
05671		XA210	60			XA209	78			16B	9			MDA5BB	05				SWT	Z4					
05672		XA210	61											27YCC6	02				SWT	Z4					
05673		XA210	62			XA211	60			16B	9			MDA7BB	171				SWT	Z4					
05674		XA210	63			XA210	50			16B	9			MCSD27	05				SWT	Z5					
05675		XA210	64											27YCC7	02				SWT	Z4					
05676		XA210	65			XA210	51			16B	9			27YSS6	01				SWT						
05677		XA210	66											27YC07	02				SWT	Z5					
05678		XA210	67											GND	01				SWT						
05679		XA210	68			XA314	35			16B	9			MDB6BB	07				SWT	Z5					
05680		XA210	69											27YC06	02				SWT	Z5					
05681		XA210	70			XA210	45			16B	9			27YSS4	01				SWT						
05682		XA210	71			XA317	22			16B	9			MDW27A	04				SWT	Z5					
CONNECTOR (XA210) CONTINUED ON THE NEXT PAGE ****																									

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Litton DATA SYSTEMS

DRAWING NUMBER 149304-880 UNIT ASSEMBLY NO. 149304 REV G INDEX XA210

UNIT ASSEMBLY CARD CAGE WIRED, MCU CONNECTOR FILE IDENT T39AMCMU DATE 09-02-82 PAGE 168

RECORD NUMBER	FROM PREFIX	FROM CONNECTOR	FROM PIN	FROM SH FG	TO PREFIX	TO CONNECTOR	TO PIN	TO SH FG	WIRE MULTI GROUP	WIRE CODE	WIRE COLOR	WIRE IDENT	SPC INST MISC	SIGNAL	SEC NO	EQUATION	TERM	FACTOR	CKT OR CHIP TYPE	GROUP	LOAD OP POWER PLANE	TEST POINTS AND	TEST POINTS OR	SIGNAL DESCRIPTION	ECO NO
05683		XA210	72			XA210	36			16B	9			MDB7BB	17				SWT	Z5					
05684		XA210	73			XA210	69			16B	9			27YC06	01				SWT					BIT 27 SQ DIODE 6	
05685		XA210	74											SPP	01				SWT	Z5					
05686		XA210	75											MDB4CB	29				SWT	Z5					
05687		XA210	76			XA212	76			16B	9			MDRIBB	06				SWT	Z5					
05688		XA210	77			XA210	79			16B	9			27YCI4	01				SWT	Z5				BIT 27 SI DIODE 4	
05689		XA210	78			XA210	34			16B	9			MD85BB	17				SWT	Z5					
05690		XA210	79											27YCI4	02				SWT						
05691		XA210	80											27YCI5	02				SWT	Z5					
05692		XA211	01			XA212	01			16B	9			MCSD21	01				SWT	Z1				BIT 21 VOLT SOURCE	
05693		XA211	02											GND	01				SWT						
05694		XA211	03			XA210	03			16B	9			MDB0BB	23				SWT	Z1					
05695		XA211	04			XA210	04			16B	9			MDB1BB	04				SWT	Z1					
05696		XA211	05											SPP	01				SWT	Z1					
05697		XA211	06			XA211	37			16B	9			MDW21A	02				SWT	Z1					
05698		XA211	07			XA212	03			16B	9			MDB2BB	20				SWT	Z1					
05699		XA211	08			XA212	08			16B	9			MDRIBB	23				SWT	Z1					
05700		XA211	09			XA212	15			16B	9			21YSS0	01				SWT	Z1					
05701		XA211	10			XA210	10			16B	9			MDB3BB	23				SWT	Z1					
05702		XA211	11											21YSS1	02				SWT	Z1					
05703		XA211	12											+5V	01				SWT						
05704		XA211	13											21YCA0	02				SWT	Z2					
05705		XA211	14			XA212	14			18D	2			+12VOLT	030				SWT						
05706		XA211	15			XA212	09			16B	9			21YSS2	01				SWT	Z1					
05707		XA211	16											GND	01				SWT						
05708		XA211	17			XA211	33			16B	9			MCSD21	04				SWT	Z2					
05709		XA211	18											21YCA1	02				SWT	Z2					
05710		XA211	19			XA213	19			16B	9			MDA0BB	02				SWT	Z2					
05711		XA211	20			XA210	20			16B	9			MDA1BB	23				SWT	Z2					
05712		XA211	21											21YSS3	02				SWT	Z1					
05713		XA211	22			XA210	22			16B	9			MDA3BB	22				SWT	Z2					
05714		XA211	23			XA212	23			16B	9			MDR21A	01				SWT	Z2					
05715		XA211	24											21YCC3	02				SWT	Z2					
05716		XA211	25			XA210	25			16B	9			MDW7BB	21				SWT	Z2					
05717		XA211	26											SPP	01				SWT	Z2					
05718		XA211	27			XA210	27			16B	9			MDA2BB	22				SWT	Z2					
05719		XA211	28											+5V	01				SWT						
05720		XA211	29											SPP	01				SWT					KEYWAY	
05721		XA211	30											SPP	01				SWT					KEYWAY	
05722		XA211	31											21YCC2	02				SWT	Z2					
05723		XA211	32											GND	01				SWT						
05724		XA211	33			XA212	33			16B	9			MCSD21	05				SWT	Z3					
05725		XA211	34			XA212	36			16B	9			MD85BB	19				SWT	Z3					
05726		XA211	35			XA213	35			16B	9			MDB6BB	02				SWT	Z3					
05727		XA211	36			XA212	34			16B	9			MDB7BB	20				SWT	Z3					
05728		XA211	37			XA212	37			16B	9			MDW21A	03				SWT	Z3					
05729		XA211	38											SPP	01				SWT	Z3					
05730		XA211	39			XA210	39			16B	9			MDRIBB	12				SWT	Z3					
CONNECTOR XA211) CONTINUED ON THE NEXT PAGE ****																									

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DRAWING NUMBER 149304-880 UNIT ASSEMBLY NO. 149304 REV G INDEX XA211

UNIT ASSEMBLY CARD CAGE WIRED, MCU CONNECTOR FILE IDENT T39AMCMU DATE 09-02-82 PAGE 169

RECORD NUMBER	FROM			SH FG	TO			SH FG	WIRE				SPC INST MISC	SIGNAL	SEQ NO	EQUATION	TERM	FACTOR	CKT OR CHIP TYPE	GROUP	LOAD OR POWER PLANE	TEST POINTS		SIGNAL DESCRIPTION	ECO NO
	PREFIX	CONNECTOR	PIN		PREFIX	CONNECTOR	PIN		MULTI GROUP	CODE	COLOR	IDENT										AND	OR		
05731		XA211	40											21YSS5	02				SWT	Z3					
05732		XA211	41											SPP	01				SWT					KEYWAY	
05733		XA211	42											SPP	01				SWT					KEYWAY	
05734		XA211	43			XA210	43			16B	9			MDB6BB	04				SWT	Z3					
05735		XA211	44											GND	01				SWT						
05736		XA211	45			XA212	51			16B	9			21YSS4	01				SWT	Z3					
05737		XA211	46											SPP	01				SWT						
05738		XA211	47			XA210	47			18D	2			+12VOLT	037				SWT						
05739		XA211	47										M	+12VOLT	01				SWT						
05740		XA211	48											SPP	01				SWT						
05741		XA211	49											21YCA6	02				SWT	Z4					
05742		XA211	50			XA204	47			16B	9			MCSD21	08				SWT	Z4					
05743		XA211	51											21YSS6	02				SWT	Z3					
05744		XA211	52											21YCA7	02				SWT	Z4					
05745		XA211	53			XA212	40			16B	9			21YSS7	01				SWT	Z3					
05746		XA211	54			XA213	54			16B	9			MDA6BB	18				SWT	Z4					
05747		XA211	55			XA212	55			16B	9			MDWIBB	14				SWT	Z4					
05748		XA211	56			XA212	56			16B	9			MDR21A	03				SWT	Z4					
05749		XA211	57			XA210	54			16B	9			MDA4BB	18				SWT	Z4					
05750		XA211	58											GND	01				SWT						
05751		XA211	59											SPP	01				SWT	Z4					
05752		XA211	60			XA213	60			16B	9			MDA7BB	18				SWT	Z4					
05753		XA211	61											21YCC4	02				SWT	Z4					
05754		XA211	62			XA210	60			16B	9			MDA5BB	04				SWT	Z4					
05755		XA211	63			XA212	63			16B	9			MCSD25	02				SWT	Z5					
05756		XA211	64											21YCC5	02				SWT	Z4					
05757		XA211	65			XA213	70			16B	9			25YSS1	01				SWT						
05758		XA211	66											25YCA1	02				SWT	Z5					
05759		XA211	67											GND	01				SWT						
05760		XA211	68			XA213	75			16B	9			MDA0BB	06				SWT	Z5					
05761		XA211	69											25YCA0	02				SWT	Z5					
05762		XA211	70			XA213	65			16B	9			25YSS3	01				SWT						
05763		XA211	71			XA213	71			16B	9			MDR25A	01				SWT	Z5					
05764		XA211	72			XA212	62			16B	9			MDA1BB	18				SWT	Z5					
05765		XA211	73			XA212	66			16B	9			25YC01	01				SWT					BIT 25 SQ DIODE 1	
05766		XA211	74											SPP	01				SWT	Z5					
05767		XA211	75			XA213	68			16B	9			MDA2BB	17				SWT	Z5					
05768		XA211	76			XA209	76			16B	9			MDWIBB	06				SWT	Z5					
05769		XA211	77											25YCC2	02				SWT	Z5					
05770		XA211	78			XA213	72			16B	9			MDA3BB	17				SWT	Z5					
05771		XA211	79			XA212	80			16B	9			25YCI3	01				SWT					BIT 25 SI DIODE 3	
05772		XA211	80											25YCC3	02				SWT	Z5					
05773		XA212	01			XA212	17			16B	9			MCSD21	02				SWT	Z1					
05774		XA212	02											GND	01				SWT						
05775		XA212	03			XA213	07			16B	9			MDB2BB	21				SWT	Z1					
05776		XA212	04			XA211	10			16B	9			MDB3BB	22				SWT	Z1					
05777		XA212	05											SPP	01				SWT	Z1					
05778		XA212	06			XA211	06			16B	9			MDW21A	01				SWT	Z1					
CONNECTOR (XA212) CONTINUED ON THE NEXT PAGE ****																									

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DRAWING NUMBER 149304-880 UNIT ASSEMBLY NO. 149304 REV G INDEX XA212

UNIT ASSEMBLY CARD CAGE WIRED, MCU CONNECTOR FILE IDENT T39AMCMU DATE 09-02-82 PAGE 170

RECORD NUMBER	FROM PREFIX	FROM CONNECTOR	FROM PIN	FROM SPL FN	TO PREFIX	TO CONNECTOR	TO PIN	TO SPL FN	WIRE MULTI GROUP	WIRE CODE	WIRE COLOR	WIRE IDENT	SPC TEST MISC	SIGNAL	SEQ NO	EQUATION	TERM	FACTOR	CKT OR CHIP TYPE	GROUP	LOAD OR POWER PLANE	TEST POINTS AND	TEST POINTS OR	SIGNAL DESCRIPTION	ECO NO
05779		XA212	07			XA211	03			16B	9			MDBOBB	22				SWT	Z1					
05780		XA212	08			XA214	08			16B	9			MDRIBB	24				SWT	Z1					
05781		XA212	09											21YSS2	02				SWT	Z1					
05782		XA212	10			XA214	10			16B	9			MDB1BB	01				SWT	Z1					
05783		XA212	11			XA211	21			16B	9			21YSS3	01				SWT	Z1					
05784		XA212	12											+5V	01				SWT						
05785		XA212	13											21YCA4	02				SWT	Z2					
05786		XA212	14			XA213	14			18D	2			+12VOLT	031				SWT						
05787		XA212	14										M	+12VOLT	01				SWT						
05788		XA212	15											21YSSO	02				SWT	Z1					
05789		XA212	16											GND	01				SWT						
05790		XA212	17			XA211	17			16B	9			MCSD21	03				SWT	Z2					
05791		XA212	18											21YCA5	02				SWT	Z2					
05792		XA212	19			XA214	19			16B	9			MDA6BB	21				SWT	Z2					
05793		XA212	20			XA214	20			16B	9			MDA5BB	01				SWT	Z2					
05794		XA212	21			XA211	11			16B	9			21YSS1	01				SWT	Z1					
05795		XA212	22											MDA7BB	21				SWT	Z2					
05796		XA212	23			XA211	56			16B	9			MDR21A	02				SWT	Z2					
05797		XA212	24											21YCC7	02				SWT	Z2					
05798		XA212	25			XA211	25			16B	9			MDWIBB	20				SWT	Z2					
05799		XA212	26											SPP	01				SWT	Z2					
05800		XA212	27			XA210	57			16B	9			MDA6BB	21				SWT	Z2					
05801		XA212	28											+5V	01				SWT						
05802		XA212	29											SPP	01				SWT					KEYWAY	
05803		XA212	30											SPP	01				SWT					KEYWAY	
05804		XA212	31											21YCC6	02				SWT	Z2					
05805		XA212	32											GND	01				SWT						
05806		XA212	33			XA212	50			16B	9			MCSD21	06				SWT	Z3					
05807		XA212	34			XA213	36			16B	9			MDB7BB	21				SWT	Z3					
05808		XA212	35			XA213	43			16B	9			MDB6BB	02				SWT	Z3					
05809		XA212	36			XA213	34			16B	9			MDB5BB	20				SWT	Z3					
05810		XA212	37			XA217	69			16B	9			MDW21A	04				SWT	Z3					
05811		XA212	38											SPP	01				SWT	Z3					
05812		XA212	39			XA211	39			16B	9			MDRIBB	11				SWT	Z3					
05813		XA212	40											21YSS7	02				SWT	Z3					
05814		XA212	41											SPP	01				SWT					KEYWAY	
05815		XA212	42											SPP	01				SWT					KEYWAY	
05816		XA212	43			XA313	35			16B	9			MDB4BB	05				SWT	Z3					
05817		XA212	44											GND	01				SWT						
05818		XA212	45			XA211	51			16B	9			21YSS6	01				SWT	Z3					
05819		XA212	46											SPP	01				SWT						
05820		XA212	47			XA211	47			18D	2			+12VOLT	036				SWT						
05821		XA212	48											SPP	01				SWT						
05822		XA212	49											21YCA2	02				SWT	Z4					
05823		XA212	50			XA211	50			16B	9			MCSD21	07				SWT	Z4					
05824		XA212	51											21YSS4	02				SWT	Z3					
05825		XA212	52											21YCA3	02				SWT	Z4					
05826		XA212	53			XA211	40			16B	9			21YSS5	01				SWT	Z3					
05827		XA212	54			XA214	54			16B	9			MDA2BB	19				SWT	Z4					
05828		XA212	55			XA213	55			16B	9			MDWIBB	15				SWT	Z4					

CONNECTOR (XA212) CONTINUED ON THE NEXT PAGE ****

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DRAWING NUMBER 149304-880 UNIT ASSEMBLY NO. 149304 REV G INDEX XA212

UNIT ASSEMBLY CARD CAGE WIRED, MCU CONNECTOR FILE IDENT T39AMCMU DATE 09-02-82 PAGE 171

RECORD NUMBER	FROM PREFIX	FROM CONNECTOR	FROM PIN	FROM SPARE	TO PREFIX	TO CONNECTOR	TO PIN	TO SPARE	WIRE MULTI GROUP	WIRE CODE	WIRE COLOR	WIRE IDENT	SPECIAL INSTRUCTIONS	SIGNAL	SEQ NO	EQUATION	TERM	FACTOR	CKT OR CHIP TYPE	GROUP	LOAD OR POWER PLANE	TEST POINTS AND	TEST POINTS OR	SIGNAL DESCRIPTION	ECO NO
05829		XA212	56			XA218	69			16B	9			MDR21A	04				SWT	Z4					
05830		XA212	57			XA211	68			16B	9			MDA0BB	05				SWT	Z4					
05831		XA212	58											GND	01				SWT						
05832		XA212	59											SPP	01				SWT	Z4					
05833		XA212	60			XA213	22			16B	9			MDA3BB	20				SWT	Z4					
05834		XA212	61											21YCC0	02				SWT	Z4					
05835		XA212	62			XA214	62			16B	9			MDA1BB	19				SWT	Z4					
05836		XA212	63			XA213	63			16B	9			MCSD25	03				SWT	Z5					
05837		XA212	64											21YCC1	02				SWT	Z4					
05838		XA212	65											25YSS0	02				SWT						
05839		XA212	66											25YC01	02				SWT	Z5					
05840		XA212	67											GND	01				SWT						
05841		XA212	68			XA214	07			16B	9			MDB0BB	19				SWT	Z5					
05842		XA212	69											25YC00	02				SWT	Z5					
05843		XA212	70											25YSS2	02				SWT						
05844		XA212	71			XA214	71			16B	9			MDW25A	02				SWT	Z5					
05845		XA212	72			XA208	78			16B	9			MDB1BB	10				SWT	Z5					
05846		XA212	73			XA212	69			16B	9			25YC00	01				SWT					BIT 25 SO DIODE 0	
05847		XA212	74											SPP	01				SWT	Z5					
05848		XA212	75			XA214	68			16B	9			MDB2BB	16				SWT	Z5					
05849		XA212	76			XA214	76			16B	9			MDR1BB	07				SWT	Z5					
05850		XA212	77			XA212	79			16B	9			25YC12	01				SWT	Z5				BIT 25 SI DIODE 2	
05851		XA212	78			XA214	72			16B	9			MDB3BB	18				SWT	Z5					
05852		XA212	79											25YC12	02				SWT						
05853		XA212	80											25YC13	02				SWT	Z5					
05854		XA213	01			XA214	01			16B	9			MCSD26	01				SWT	Z1				BIT 26 VOLT SOURCE	
05855		XA213	02											GND	01				SWT						
05856		XA213	03			XA212	07			16B	9			MDB0BB	21				SWT	Z1					
05857		XA213	04			XA211	04			16B	9			MDB1BB	03				SWT	Z1					
05858		XA213	05											SPP	01				SWT	Z1					
05859		XA213	06			XA213	37			16B	9			MDW26A	02				SWT	Z1					
05860		XA213	07			XA214	03			16B	9			MDB2BB	22				SWT	Z1					
05861		XA213	08			XA115	76			16B	9			MDR1BB	26				SWT	Z1					
05862		XA213	09			XA214	15			16B	9			26YSS0	01				SWT	Z1					
05863		XA213	10			XA212	04			16B	9			MDB3BB	21				SWT	Z1					
05864		XA213	11											26YSS1	02				SWT	Z1					
05865		XA213	12											+5V	01				SWT						
05866		XA213	13											26YCA0	02				SWT	Z2					
05867		XA213	14			XA214	14			18D	2			+12VOLT	032				SWT						
05868		XA213	15			XA214	09			16B	9			26YSS2	01				SWT	Z1					
05869		XA213	16											GND	01				SWT						
05870		XA213	17			XA213	33			16B	9			MCSD26	04				SWT	Z2					
05871		XA213	18											26YCA1	02				SWT	Z2					
05872		XA213	19			XA214	57			16B	9			MDA0BB	03				SWT	Z2					
05873		XA213	20			XA211	20			16B	9			MDA1BB	22				SWT	Z2					
05874		XA213	21											26YSS3	02				SWT	Z1					
05875		XA213	22			XA211	22			16B	9			MDA3BB	21				SWT	Z2					
05876		XA213	23											MDR26A	05				SWT	Z2					

CONNECTOR XA213) CONTINUED ON THE NEXT PAGE ****

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DRAWING NUMBER 149304-880 UNIT ASSEMBLY NO. 149304 REV G INDEX XA213

UNIT ASSEMBLY CARD CAGE WIRED, MCU CONNECTOR FILE IDENT T39AMCMU DATE 09-02-82 PAGE 172

RECORD NUMBER	FROM PREFIX	FROM CONNECTOR	FROM PIN	FROM SH PIN	TO PREFIX	TO CONNECTOR	TO PIN	TO SH PIN	WIRE MULTI GROUP	WIRE CODE	WIRE COLOR	WIRE IDENT	SPEC INST MISC	SIGNAL	SEC NO	EQUATION	TERM	FACTOR	CKT OR CHIP TYPE	GROUP	LOAD OR POWER PLANE	TEST POINTS AND	TEST POINTS OR	SIGNAL DESCRIPTION	ECO NO
05877		XA213	24											26YCC3	02				SWT	Z2					
05878		XA213	25			XA212	25			16B	9			MDWIBB	19				SWT	Z2					
05879		XA213	26											SPP	01				SWT	Z2					
05880		XA213	27			XA211	27			16B	9			MDA2BB	21				SWT	Z2					
05881		XA213	28											+5V	01				SWT						
05882		XA213	29											SPP	01				SWT					KEYWAY	
05883		XA213	30											SPP	01				SWT					KEYWAY	
05884		XA213	31											26YCC2	02				SWT	Z2					
05885		XA213	32											GND	01				SWT						
05886		XA213	33			XA214	33			16B	9			MCSD26	05				SWT	Z3					
05887		XA213	34			XA214	36			16B	9			MD85BB	21				SWT	Z3					
05888		XA213	35			XA214	43			16B	9			MDB6BB	03				SWT	Z3					
05889		XA213	36			XA214	34			16B	9			MD87BB	22				SWT	Z3					
05890		XA213	37			XA214	37			16B	9			MDW26A	03				SWT	Z3					
05891		XA213	38											SPP	01				SWT	Z3					
05892		XA213	39			XA212	39			16B	9			MDRIBB	10				SWT	Z3					
05893		XA213	40			XA214	53			16B	9			26YSS5	01				SWT	Z3					
05894		XA213	41											SPP	01				SWT					KEYWAY	
05895		XA213	42											SPP	01				SWT					KEYWAY	
05896		XA213	43			XA211	43			16B	9			MDB6BB	03				SWT	Z3					
05897		XA213	44											GND	01				SWT						
05898		XA213	45											26YSS4	02				SWT	Z3					
05899		XA213	46											SPP	01				SWT						
05900		XA213	47			XA212	47			18D	2			+12V01T	035				SWT						
05901		XA213	48											SPP	01				SWT						
05902		XA213	49											26YCA6	02				SWT	Z4					
05903		XA213	50			XA204	55			16B	9			MCSD26	08				SWT	Z4					
05904		XA213	51			XA214	45			16B	9			26YSS6	01				SWT	Z3					
05905		XA213	52											26YCA7	02				SWT	Z4					
05906		XA213	53											26YSS7	02				SWT	Z3					
05907		XA213	54			XA214	27			16B	9			MDA6BB	19				SWT	Z4					
05908		XA213	55			XA214	55			16B	9			MDWIBB	16				SWT	Z4					
05909		XA213	56			XA214	23			16B	9			MDR26A	03				SWT	Z4					
05910		XA213	57			XA212	19			16B	9			MDA4BB	20				SWT	Z4					
05911		XA213	58											GND	01				SWT						
05912		XA213	59											SPP	01				SWT	Z4					
05913		XA213	60			XA214	22			16B	9			MDA7BB	19				SWT	Z4					
05914		XA213	61											26YCC4	02				SWT	Z4					
05915		XA213	62			XA211	62			16B	9			MDA5BB	03				SWT	Z4					
05916		XA213	63			XA214	63			16B	9			MCSD25	04				SWT	Z5					
05917		XA213	64											26YCC5	02				SWT	Z4					
05918		XA213	65											25YSS3	02				SWT						
05919		XA213	66											25YCA3	02				SWT	Z5					
05920		XA213	67											GND	01				SWT						
05921		XA213	68			XA212	54			16B	9			MDA2BB	18				SWT	Z5					
05922		XA213	69											25YCA2	02				SWT	Z5					
05923		XA213	70											25YSS1	02				SWT						
05924		XA213	71			XA318	09			16B	9			MDR25A	02				SWT	Z5					
05925		XA213	72			XA214	60			16B	9			MDA3BB	18				SWT	Z5					
05926		XA213	73			XA214	66			16B	9			25YC03	01				SWT					BIT 25 SQ DIODE 3	
CONNECTOR XA213) CONTINUED ON THE NEXT PAGE ****																									

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DRAWING NUMBER 149304-880 UNIT ASSEMBLY NO. 149304 REV G INDEX XA213

UNIT ASSEMBLY CARD CAGE WIRED, MCU CONNECTOR FILE IDENT T39AMCMU DATE 09-02-82 PAGE 173

RECORD NUMBER	FROM PREFIX	FROM CONNECTOR	FROM PIN	FROM SH FG	TO PREFIX	TO CONNECTOR	TO PIN	TO SH FG	WIRE MULTI GROUP	WIRE CODE	WIRE COLOR	WIRE IDENT	SPC INST MISC	SIGNAL	SPC NO	EQUATION	TERM	FACTOR	CKT OR CHIP TYPE	GROUP	LOAD OR POWER PLANE	TEST POINTS AND	TEST POINTS OR	SIGNAL DESCRIPTION	ECO NO
05927		XA213	74											SPP	01				SWT	Z5					
05928		XA213	75			XA207	75			16B	9			MDA0BB	07				SWT	Z5					
05929		XA213	76			XA211	76			16B	9			MDWIBB	05				SWT	Z5					
05930		XA213	77											25YCC0	02				SWT	Z5					
05931		XA213	78			XA213	20			16B	9			MDA1BB	21				SWT	Z5					
05932		XA213	79			XA214	80			16B	9			25YCI1	01				SWT					BIT 25 SI DIODE 1	
05933		XA213	80											25YCC1	02				SWT	Z5					
05934		XA214	01			XA214	17			16B	9			MCSD26	02				SWT	Z1					
05935		XA214	02											GND	01				SWT						
05936		XA214	03											MDB2BB	23				SWT	Z1					
05937		XA214	04			XA213	10			16B	9			MDB3BB	20				SWT	Z1					
05938		XA214	05											SPP	01				SWT	Z1					
05939		XA214	06			XA213	06			16B	9			MDW26A	01				SWT	Z1					
05940		XA214	07			XA213	03			16B	9			MDB0BB	20				SWT	Z1					
05941		XA214	08			XA213	08			16B	9			MDRIBB	25				SWT	Z1					
05942		XA214	09											26YSS2	02				SWT	Z1					
05943		XA214	10			XA213	04			16B	9			MDB1BB	02				SWT	Z1					
05944		XA214	11			XA213	21			16B	9			26YSS3	01				SWT	Z1					
05945		XA214	12											+5V	01				SWT						
05946		XA214	13											26YCA4	02				SWT	Z2					
05947		XA214	14			XA214	47			1BD	2			+12VOLT	033				SWT						
05948		XA214	14										K	+12VOLT	116				SWT						
05949		XA214	15											26YSS0	02				SWT	Z1					
05950		XA214	16											GND	01				SWT						
05951		XA214	17			XA213	17			16B	9			MCSD26	03				SWT	Z2					
05952		XA214	18											26YCA5	02				SWT	Z2					
05953		XA214	19											MDA4BB	22				SWT	Z2					
05954		XA214	20			XA213	62			16B	9			MDA5BB	02				SWT	Z2					
05955		XA214	21			XA213	11			16B	9			26YSS1	01				SWT	Z1					
05956		XA214	22			XA212	22			16B	9			MDA7BB	20				SWT	Z2					
05957		XA214	23			XA213	23			16B	9			MDR26A	04				SWT	Z2					
05958		XA214	24											26YCC7	02				SWT	Z2					
05959		XA214	25			XA213	25			16B	9			MDWIBB	18				SWT	Z2					
05960		XA214	26											SPP	01				SWT	Z2					
05961		XA214	27			XA212	27			16B	9			MDA6BB	20				SWT	Z2					
05962		XA214	28											+5V	01				SWT						
05963		XA214	29											SPP	01				SWT					KEYWAY	
05964		XA214	30											SPP	01				SWT					KEYWAY	
05965		XA214	31											26YCC6	02				SWT	Z2					
05966		XA214	32											GND	01				SWT						
05967		XA214	33			XA214	50			16B	9			MCSD26	06				SWT	Z3					
05968		XA214	34											MDB7BB	23				SWT	Z3					
05969		XA214	35			XA212	35			16B	9			MDB6BB	01				SWT	Z3					
05970		XA214	36											MDB5BB	22				SWT	Z3					
05971		XA214	37			XA317	15			16B	9			MDW26A	04				SWT	Z3					
05972		XA214	38											SPP	01				SWT	Z3					
05973		XA214	39			XA213	39			16B	9			MDRIBB	09				SWT	Z3					
05974		XA214	40			XA213	53			16B	9			26YSS7	01				SWT	Z3					
CONNECTOR XA214) CONTINUED ON THE NEXT PAGE ****																									

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DRAWING NUMBER 149304-880 UNIT ASSEMBLY NO. 149304 REV G INDEX XA214

UNIT ASSEMBLY CARD CAGE WIRED, MCU CONNECTOR FILE IDENT T39AMCMU DATE 09-02-82 PAGE 174

RECORD NUMBER	FROM PREFIX	FROM CONNECTOR	FROM PIN	FROM SH FG	TO PREFIX	TO CONNECTOR	TO PIN	TO SH FG	WIRE MULTI GROUP	WIRE CODE	WIRE COLOR	WIRE IDENT	SPC INST MISC	SIGNAL	SEQ NO	EQUATION	TERM	FACTOR	CKT OR CHIP TYPE	GROUP	LOAD OR POWER PLANE	TEST POINTS AND	TEST POINTS OR	SIGNAL DESCRIPTION	ECO NO
05975		XA214	41											SPP	01				SWT					KEYWAY	
05976		XA214	42											SPP	01				SWT					KEYWAY	
05977		XA214	43			XA212	43			16B	9			MDB4BB	04				SWT	Z3					
05978		XA214	44											GND	01				SWT						
05979		XA214	45											26YSS6	02				SWT	Z3					
05980		XA214	46											SPP	01				SWT						
05981		XA214	47			XA213	47			18D	2			+12VOLT	034				SWT						
05982		XA214	47			XA314	14			18D	2			+12VOLT	121				SWT						
05983		XA214	48											SPP	01				SWT						
05984		XA214	49											26YCA2	02				SWT	Z4					
05985		XA214	50			XA213	50			16B	9			MCSD26	07				SWT	Z4					
05986		XA214	51			XA213	45			16B	9			26YSS6	01				SWT	Z3					
05987		XA214	52											26YCA3	02				SWT	Z4					
05988		XA214	53											26YSS5	02				SWT	Z3					
05989		XA214	54			XA213	27			16B	9			MDA2BB	20				SWT	Z4					
05990		XA214	55			XA214	25			16B	9			MDW1BB	17				SWT	Z4					
05991		XA214	56			XA213	56			16B	9			MDR26A	02				SWT	Z4					
05992		XA214	57			XA212	57			16B	9			MDA0BB	06				SWT	Z4					
05993		XA214	58											GND	01				SWT						
05994		XA214	59											SPP	01				SWT	Z4					
05995		XA214	60			XA212	60			16B	9			MDA3BB	19				SWT	Z4					
05996		XA214	61											26YCC0	02				SWT	Z4					
05997		XA214	62			XA213	78			16B	9			MDA1BB	20				SWT	Z4					
05998		XA214	63			XA118	63			16B	9			MCSD25	05				SWT	Z5					
05999		XA214	64											26YCC1	02				SWT	Z4					
06000		XA214	65			XA212	70			16B	9			25YSS2	01				SWT						
06001		XA214	66											25YC03	02				SWT	Z5					
06002		XA214	67											GND	01				SWT						
06003		XA214	68			XA208	68			16B	9			MDB2BB	17				SWT	Z5					
06004		XA214	69											25YC02	02				SWT	Z5					
06005		XA214	70			XA212	65			16B	9			25YSS0	01				SWT						
06006		XA214	71			XA119	71			16B	9			MDW25A	03				SWT	Z5					
06007		XA214	72			XA214	04			16B	9			MDB3BB	19				SWT	Z5					
06008		XA214	73			XA214	69			16B	9			25YC02	01				SWT					BIT 25 SQ DIODE 2	
06009		XA214	74											SPP	01				SWT	Z5					
06010		XA214	75			XA212	68			16B	9			MDB0BB	18				SWT	Z5					
06011		XA214	76			XA214	39			16B	9			MDR1BB	08				SWT	Z5					
06012		XA214	77			XA214	79			16B	9			25YCI0	01				SWT	Z5				BIT 25 SI DIODE 0	
06013		XA214	78			XA212	72			16B	9			MDB1BB	09				SWT	Z5					
06014		XA214	79											25YCI0	02				SWT						
06015		XA214	80											25YCI1	02				SWT	Z5					
20134		XA215	01			XA121	57			16B	9		P	MUA0BA	06	MDA0AB	02	1	TQ2	A2		02	B		
22305		XA215	01										J	MUA0BA	01	MUA0BA	00	1	TQ2	A2		02	B	MDA0AB BUSS	
06016		XA215	02											GND	01				TQ2			01	A		
22376		XA215	03			XA215	11			16B	9			MUA010	03	MUA1AA	01	1	TQ2	A3		02	A		
22306		XA215	04			XA215	08			16B	9			MUA000	03	MUA0BA	01	1	TQ2	A2		04	A		
22307		XA215	05			XA216	05			16B	9			SPI001	03	MUA0BA	01	2	TQ2	A2		03	B		
20135		XA215	06			XA215	01			16B	9		P	MUA0AA	05	MDA0AB	01	1	TQ2	A1		05	A	BIT D SWT ADR 0	
CONNECTOR (XA215) CONTINUED ON THE NEXT PAGE ****																									

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DRAWING NUMBER 149304-880 UNIT ASSEMBLY NO. 149304 REV G INDEX XA215

UNIT ASSEMBLY CARD CAGE WIRED, MCU CONNECTOR FILE IDENT T39AMCMU DATE 09-02-82 PAGE 175

RECORD NUMBER	FROM PREFIX	FROM CONNECTOR	FROM PIN	FROM SH FG	TO PREFIX	TO CONNECTOR	TO PIN	TO SH FG	WIRE MULTI GROUP	WIRE CODE	WIRE COLOR	WIRE IDENT	SPC INST WIRE	SIGNAL	SEQ NO	EQUATION	TERM	FACTOR	CKT OR CHIP TYPE	GROUP	LOAD OR POWER PLANE	TEST POINTS AND	TEST POINTS OR	SIGNAL DESCRIPTION	ECO NO
22302		XA215	06										J	MUA0AA	01	MUA0AA	00	1	TQ2	A1		05A		MDA0AB BUSS	
22377		XA215	07			XA215	05			16B	9			SPI001	02	MUA1AA	01	2	TQ2	A3		03A			
22303		XA215	08			XA216	52			16B	9			MUA000	04	MUA0AA	01	1	TQ2	A1		06A			
20140		XA215	09										P	MUA1AA	20	MDA1AB	01	1	TQ2	A3		04B		BIT D SWT ADR 1	
22378		XA215	09										J	MUA1AA	01	MUA1AA	00	1	TQ2	A3		04B		MDA1AB BUSS	
22304		XA215	10			XA216	13			16B	9			SPI001	06	MUA0AA	01	2	TQ2	A1		07A			
22379		XA215	11			XA216	46			16B	9			MUA010	04	MUA1BA	01	1	TQ2	A4		05B			
06017		XA215	12											+5V	01				TQ2						
22380		XA215	13			XA215	19			16B	9			SPI001	08	MUA1BA	01	2	TQ2	A4		06B			
20146		XA215	14			XA215	22			16B	9		P	MUA2BA	01	MDA2AB	02	1	TQ2	B2		09A			
22397		XA215	14										J	MUA2BA	01	MUA2BA	00	1	TQ2	B2		09A		MDA2AB BUSS	
20141		XA215	15			XA215	09			16B	9		P	MUA1BA	19	MDA1AB	02	1	TQ2	A4		07B			
22381		XA215	15										J	MUA1BA	01	MUA1BA	00	1	TQ2	A4		07B		MDA1AB BUSS	
06018		XA215	16											GND	01				TQ2			01B			
22412		XA215	17											MUA030	09	MUA3AA	01	1	TQ2	B3		08B			
22398		XA215	18			XA215	24			16B	9			MUA020	01	MUA2BA	01	1	TQ2	B2		10A			
22413		XA215	19			XA215	20			16B	9			SPI001	09	MUA3AA	01	2	TQ2	B3		09B			
22399		XA215	20			XA216	19			16B	9			SPI001	10	MUA2BA	01	2	TQ2	B2		11A			
20152		XA215	21										P	MUA3AA	20	MDA3AB	01	1	TQ2	B3		10B		BIT D SWT ADR 3	
22414		XA215	21										J	MUA3AA	01	MUA3AA	00	1	TQ2	B3		10B		MDA3AB BUSS	
20147		XA215	22			XA209	54			16B	9		P	MUA2AA	02	MDA2AB	01	1	TQ2	B1		12A		BIT D SWT ADR 2	
22394		XA215	22										J	MUA2AA	01	MUA2AA	00	1	TQ2	B1		12A		MDA2AB BUSS	
22415		XA215	23			XA215	17			16B	9			MUA030	08	MUA3BA	01	1	TQ2	B4		11B			
22395		XA215	24			XA216	45			16B	9			MUA020	02	MUA2AA	01	1	TQ2	B1		13A			
22416		XA215	25			XA215	31			16B	9			SPI001	16	MUA3BA	01	2	TQ2	B4		12B			
22396		XA215	26			XA215	25			16B	9			SPI001	15	MUA2AA	01	2	TQ2	B1		14A			
20153		XA215	27			XA215	21			16B	9		P	MUA3BA	19	MDA3AB	02	1	TQ2	B4		13B			
22417		XA215	27										J	MUA3BA	01	MUA3BA	00	1	TQ2	B4		13B		MDA3AB BUSS	
06019		XA215	28											+5V	01				TQ2						
22448		XA215	29			XA215	35			16B	9			MUA050	03	MUA5AA	01	1	TQ2	C3		14B			
20158		XA215	30			XA120	75			16B	9		P	MUA4BA	06	MDA4AB	02	1	TQ2	C2		15A			
22433		XA215	30										J	MUA4BA	01	MUA4BA	00	1	TQ2	C2		15A		MDA4AB BUSS	
22449		XA215	31			XA215	37			16B	9			SPI001	17	MUA5AA	01	2	TQ2	C3		15B			
06020		XA215	32											GND	01				TQ2			20B			
20164		XA215	33			XA215	39			16B	9		P	MUA5AA	17	MDA5AB	01	1	TQ2	C3		16B		BIT D SWT ADR 5	
22450		XA215	33										J	MUA5AA	01	MUA5AA	00	1	TQ2	C3		16B		MDA5AB BUSS	
22434		XA215	34			XA215	40			16B	9			MUA040	03	MUA4BA	01	1	TQ2	C2		16A			
22451		XA215	35			XA216	60			16B	9			MUA050	04	MUA5BA	01	1	TQ2	C4		17B			
22435		XA215	36			XA215	42			16B	9			SPI001	19	MUA4BA	01	2	TQ2	C2		17A			
22452		XA215	37			XA215	36			16B	9			SPI001	18	MUA5BA	01	2	TQ2	C4		18B			
20159		XA215	38			XA215	30			16B	9		P	MUA4AA	05	MDA4AB	01	1	TQ2	C1		18A		BIT D SWT ADR 4	
22430		XA215	38										J	MUA4AA	01	MUA4AA	00	1	TQ2	C1		18A		MDA4AB BUSS	
20165		XA215	39			XA209	20			16B	9		P	MUA5BA	18	MDA5AB	02	1	TQ2	C4		19B			
22453		XA215	39										J	MUA5BA	01	MUA5BA	00	1	TQ2	C4		19B		MDA5AB BUSS	
22431		XA215	40			XA216	66			16B	9			MUA040	04	MUA4AA	01	1	TQ2	C1		19A			
22484		XA215	41			XA215	47			16B	9			MUA070	03	MUA7AA	01	1	TQ2	D3		22B			
22432		XA215	42			XA215	43			16B	9			SPI001	20	MUA4AA	01	2	TQ2	C1		20A			
22485		XA215	43			XA215	49			16B	9			SPI001	21	MUA7AA	01	2	TQ2	D3		23B			
06021		XA215	44											GND	01				TQ2			21B			
20176		XA215	45			XA118	78			16B	9		P	MUA7AA	06	MDA7AB	01	1	TQ2	D3		24B		BIT D SWT ADR 7	
CONNECTOR (XA215) CONTINUED ON THE NEXT PAGE ****																									

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DRAWING NUMBER 149304-880 UNIT ASSEMBLY NO. 149304 REV G INDEX XA215

UNIT ASSEMBLY CARD CAGE WIRED, MCU CONNECTOR FILE IDENT T39AMCMU DATE 09-02-82 PAGE 176

RECORD NUMBER	FROM PREFIX	FROM CONNECTOR	FROM PIN	FROM SH FG	TO PREFIX	TO CONNECTOR	TO PIN	TO SH FG	WIRE MULTI GROUP	WIRE CODE	WIRE COLOR	WIRE IDENT	SPC INST MISC	SIGNAL	SEC NO	EQUATION	TERM	FACTOR	CKT OR CHIP TYPE	GROUP	LOAD OP POWER PLANE	TEST POINTS AND	TEST POINTS OR	SIGNAL DESCRIPTION	ECO NO
22486		XA215	45										J	MUA7AA	01	MUA7AA	00	1	TQ2	D3		24B		MDA7AB BUSS	
20170		XA215	46			XA215	52			16B	9		P	MUA6BA	01	MDA6AB	02	1	TQ2	D2		21A			
22469		XA215	46										J	MUA6BA	01	MUA6BA	00	1	TQ2	D2		21A		MDA6AB BUSS	
22487		XA215	47			XA216	63			16B	9			MUA070	04	MUA7BA	01	1	TQ2	D4		25B			
22470		XA215	48			XA215	54			16B	9			MUA060	03	MUA6BA	01	1	TQ2	D2		22A			
22488		XA215	49			XA215	50			16B	9			SPI001	22	MUA7BA	01	2	TQ2	D4		26B			
22471		XA215	50			XA215	56			16B	9			SPI001	23	MUA6BA	01	2	TQ2	D2		23A			
20177		XA215	51			XA215	45			16B	9		P	MUA7BA	05	MDA7AB	02	1	TQ2	D4		27B			
22489		XA215	51										J	MUA7BA	01	MUA7BA	00	1	TQ2	D4		27B		MDA7AB BUSS	
20171		XA215	52			XA208	54			16B	9		P	MUA6AA	02	MDA6AB	01	1	TQ2	D1		24A		BIT D SWT ADR 6	
22466		XA215	52										J	MUA6AA	01	MUA6AA	00	1	TQ2	D1		24A		MDA6AB BUSS	
22584		XA215	53							16B	9			MUB010	10	MUB1AA	01	1	TQ2	E3		28B			G02
22467		XA215	54			XA216	57			16B	9			MUA060	04	MUA6AA	01	1	TQ2	D1		25A			
22585		XA215	55			XA215	61			16B	9			SPI001	25	MUB1AA	01	2	TQ2	E3		29B			
22468		XA215	56			XA215	55			16B	9			SPI001	24	MUA6AA	01	2	TQ2	D1		26A			
20188		XA215	57			XA215	63			16B	9		P	MUB1AA	19	MDB1AB	01	1	TQ2	E3		30B		BIT B SWT ADR 1	
22586		XA215	57										J	MUB1AA	01	MUB1AA	00	1	TQ2	E3		30B		MDB1AB BUSS	
06022		XA215	58											GND	01				TQ2			27A			
22587		XA215	59			XA215	53			16B	9			MUB010	09	MUB1BA	01	1	TQ2	E4		31B			G02
20182		XA215	60			XA206	03			16B	9		P	MUB0BA	02	MDB0AB	02	1	TQ2	E2		28A			
22513		XA215	60										J	MUB0BA	01	MUB0BA	00	1	TQ2	E2		28A		MDB0AB BUSS	
22588		XA215	61			XA215	64			16B	9			SPI001	26	MUB1BA	01	2	TQ2	E4		32B			
22514		XA215	62							16B	9			MUB000	10	MUB0BA	01	1	TQ2	E2		29A			G02
20189		XA215	63										P	MUB1BA	20	MDB1AB	02	1	TQ2	E4		33B			
22589		XA215	63										J	MUB1BA	01	MUB1BA	00	1	TQ2	E4		33B		MDB1AB BUSS	
22515		XA215	64			XA215	70			16B	9			SPI001	27	MUB0BA	01	2	TQ2	E2		30A			
22620		XA215	65			XA215	76			16B	9			MUB030	00	MUB3AA	01	1	TQ2	F3		34B			G02
20183		XA215	66			XA215	60			16B	9		P	MUB0AA	01	MDB0AB	01	1	TQ2	E1		31A		BIT B SWT ADR 0	
22510		XA215	66										J	MUB0AA	01	MUB0AA	00	1	TQ2	E1		31A		MDB0AB BUSS	
06023		XA215	67											GND	01				TQ2			40A			
22511		XA215	68			XA215	62			16B	9			MUB000	09	MUB0AA	01	1	TQ2	E1		32A			G02
20200		XA215	69			XA206	10			16B	9		P	MUB3AA	02	MDB3AB	01	1	TQ2	F3		35A		BIT B SWT ADR 3	
22621		XA215	69										J	MUB3AA	01	MUB3AA	00	1	TQ2	F3		35A		MDB3AB BUSS	
22512		XA215	70			XA215	74			16B	9			SPI001	28	MUB0AA	01	2	TQ2	E1		33A			
22605		XA215	71			XA216	69			16B	9			MUB020	001	MUB2BA	01	1	TQ2	F2		36A			
20194		XA215	72			XA215	75			16B	9		P	MUB2BA	01	MDB2AB	02	1	TQ2	F2		34A			
22606		XA215	72										J	MUB2BA	01	MUB2BA	00	1	TQ2	F2		34A		MDB2AB BUSS	
22607		XA215	73			XA215	79			16B	9			SPI001	30	MUB2BA	01	2	TQ2	F2		36B			
22622		XA215	74			XA215	73			16B	9			SPI001	29	MUB3AA	01	2	TQ2	F3		35B			
20195		XA215	75			XA206	07			16B	9		P	MUB2AA	02	MDB2AB	01	1	TQ2	F1		37B		BIT B SWT ADR 2	
22602		XA215	75										J	MUB2AA	01	MUB2AA	00	1	TQ2	F1		37B		MDB2AB BUSS	
22623		XA215	76			XA216	80			16B	9			MUB030	001	MUB3BA	01	1	TQ2	F4		37A			G02
22603		XA215	77			XA215	71			16B	9			MUB020	00	MUB2AA	01	1	TQ2	F1		38B			
22624		XA215	78			XA330	63			16B	9			SPI001	32	MUB3BA	01	2	TQ2	F4		38A			
22604		XA215	79			XA215	78			16B	9			SPI001	31	MUB2AA	01	2	TQ2	F1		39B			
20201		XA215	80			XA215	69			16B	9		P	MUB3BA	01	MDB3AB	02	1	TQ2	F4		39A			
22625		XA215	80										J	MUB3BA	01	MUB3BA	00	1	TQ2	F4		39A		MDB3AB BUSS	

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RECORD NUMBER	FROM PREFIX	FROM CONNECTOR	FROM PIN	FROM SH FG	TO PREFIX	TO CONNECTOR	TO PIN	TO SH FG	WIRE MULTI GROUP	WIRE CODE	WIRE COLOR	WIRE IDENT	SPEC INST MISC	SIGNAL	SIG NO	EQUATION	TERM	FACTOR	CNT OR CHIP TYPE	GROUP	LOAD OR POWER PLANE	TEST POINTS AND	TEST POINTS OR	SIGNAL DESCRIPTION	ECO NO
20206		XA216	01			XA117	75			16B	9		P	MUB4BA	06	MDB4AB	02	1	TQ2	A2		02B			
22641		XA216	01										J	MUB4BA	01	MUB4BA	00	1	TQ2	A2		02B		MDB4AB BUSS	
06024		XA216	02											GND	01				TQ2			01A			
22656		XA216	03							16B	9			MUB050	09	MUB5AA	01	1	TQ2	A3		02A			G02
22642		XA216	04							16B	9			MUB040	09	MUB4BA	01	1	TQ2	A2		04A			G02
22643		XA216	05			XA216	07			16B	9			SPI001	04	MUB4BA	01	2	TQ2	A2		03B			
20207		XA216	06			XA216	01			16B	9		P	MUB4AA	05	MDB4AB	01	1	TQ2	A1		05A		BIT B SWT ADR 4	
22638		XA216	06										J	MUB4AA	01	MUB4AA	00	1	TQ2	A1		05A		MDB4AB BUSS	
22657		XA216	07			XA215	10			16B	9			SPI001	05	MUB5AA	01	2	TQ2	A3		03A			
22639		XA216	08			XA216	04			16B	9			MUB040	08	MUB4AA	01	1	TQ2	A1		06A			G02
20212		XA216	09			XA216	15			16B	9		P	MUB5AA	17	MDB5AB	01	1	TQ2	A3		04B		BIT B SWT ADR 5	
22658		XA216	09										J	MUB5AA	01	MUB5AA	00	1	TQ2	A3		04B		MDB5AB BUSS	
22640		XA216	10			XA215	07			16B	9			SPI001	01	MUB4AA	01	2	TQ2	A1		07A			
22659		XA216	11			XA216	03			16B	9			MUB050	08	MUB5BA	01	1	TQ2	A4		05B			G02
06025		XA216	12											+5V	01				TQ2						
22660		XA216	13			XA215	13			16B	9			SPI001	07	MUB5BA	01	2	TQ2	A4		06B			
20218		XA216	14			XA216	22			16B	9		P	MUB6BA	17	MDB6AB	02	1	TQ2	B2		09A			
22677		XA216	14										J	MUB6BA	01	MUB6BA	00	1	TQ2	B2		09A		MDB6AB BUSS	
20213		XA216	15			XA209	36			16B	9		P	MUB5BA	18	MDB5AB	02	1	TQ2	A4		07B			
22661		XA216	15										J	MUB5BA	01	MUB5BA	00	1	TQ2	A4		07B		MDB5AB BUSS	
06026		XA216	16											GND	01				TQ2			01B			
22692		XA216	17							16B	9			MUB070	09	MUB7AA	01	1	TQ2	B3		08B			G02
22678		XA216	18							16B	9			MUB060	09	MUB6BA	01	1	TQ2	B2		10A			G02
22693		XA216	19			XA216	20			16B	9			SPI001	11	MUB7AA	01	2	TQ2	B3		09B			
22679		XA216	20			XA216	26			16B	9			SPI001	12	MUB6BA	01	2	TQ2	B2		11A			
20224		XA216	21			XA115	78			16B	9		P	MUB7AA	06	MDB7AB	01	1	TQ2	B3		10B		BIT B SWT ADR 7	
22694		XA216	21										J	MUB7AA	01	MUB7AA	00	1	TQ2	B3		10B		MDB7AB BUSS	
20219		XA216	22			XA209	35			16B	9		P	MUB6AA	18	MDB6AB	01	1	TQ2	B1		12A		BIT B SWT ADR 6	
22674		XA216	22										J	MUB6AA	01	MUB6AA	00	1	TQ2	B1		12A		MDB6AB BUSS	
22695		XA216	23			XA216	17			16B	9			MUB070	08	MUB7BA	01	1	TQ2	B4		11B			G02
22675		XA216	24			XA216	18			16B	9			MUB060	08	MUB6AA	01	1	TQ2	B1		13A			G02
22696		XA216	25			XA215	26			16B	9			SPI001	14	MUB7BA	01	2	TQ2	B4		12B			
22676		XA216	26			XA216	25			16B	9			SPI001	13	MUB6AA	01	2	TQ2	B1		14A			
20225		XA216	27			XA216	21			16B	9		P	MUB7BA	05	MDB7AB	02	1	TQ2	B4		13B			
22697		XA216	27										J	MUB7BA	01	MUB7BA	00	1	TQ2	B4		13B		MDB7AB BUSS	
06027		XA216	28											+5V	01				TQ2						
06028		XA216	29											SPI002	31		01	1	TQ2	C3		14B			
06029		XA216	30											SPO	01		00	1	TQ2	C2		15A			
06030		XA216	31			XA216	40			16B	9			SPI003	37		01	2	TQ2	C3		15B			
06031		XA216	32											GND	01				TQ2			20B			
06032		XA216	33											SPO	01		00	1	TQ2	C3		16B			
06033		XA216	34			XA216	31			16B	9			SPI003	35		01	1	TQ2	C2		16A			
21781		XA216	35											MRSETOX	02	MRSETA	01	1	TQ2	C4		17B		SYSTEM RESET	
06034		XA216	36			XA216	37			16B	9			SPI002	29		01	2	TQ2	C2		17A			
21782		XA216	37			XA216	29			16B	9			SPI002	30	MRSETA	01	2	TQ2	C4		18B			
06035		XA216	38											SPO	01		00	1	TQ2	C1		18A			
21783		XA216	39			XA225	72			16B	9			MRSETA	01	MRSETA	00	1	TQ2	C4		19B		SYSTEM RESET*	
06036		XA216	40											SPI003	38		01	1	TQ2	C1		19A			
22338		XA216	41			XA225	15			16B	9			MUA02A	01	MUA020	01	1	TQ2	D3		22B			
06037		XA216	42			XA216	36			16B	9			SPI002	28		01	2	TQ2	C1		20A			
CONNECTOR XA216) CONTINUED ON THE NEXT PAGE ****																									

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RECORD NUMBER	FROM PREFIX	FROM CONNECTOR	FROM PIN	FROM SH FG	TO PREFIX	TO CONNECTOR	TO PIN	TO SH FG	WIRE MULTI GROUP	WIRE CODE	WIRE COLOR	WIRE IDENT	SPEC INST MISC	SIGNAL	SEQ NO	EQUATION	TERM	FACTOR	CKT OR CHIP TYPE	GROUP	LOAD OF POWER PLANE	TEST POINTS AND OF	SIGNAL DESCRIPTION	ECO NO
22339		XA216	43			XA216	49			16B	9			MUPDGB	01	MUA020	01	2	TQ2	D3		23B		
06038		XA216	44											GND	01				TQ2			21B		
22340		XA216	45			XA340	59			16B	9			MUA020	03	MUA020	00	1	TQ2	D3		24B	BIT D ADR DEC 2	
22331		XA216	46							16B	9			MUA010	05	MUA010	00	1	TQ2	D2		21A	BIT D ADDR DEC 1	G02
22345		XA216	47											MUA03A	02	MUA030	01	1	TQ2	D4		25B		
22332		XA216	48			XA225	07			16B	9			MUA01A	01	MUA010	01	1	TQ2	D2		22A		
22346		XA216	49			XA216	50			16B	9			MUPDGB	02	MUA030	01	2	TQ2	D4		26B		
22333		XA216	50			XA216	55			16B	9			MUPDGB	03	MUA010	01	2	TQ2	D2		23A		
22347		XA216	51			XA215	23			16B	9			MUA030	07	MUA030	00	1	TQ2	D4		27B	BIT D ADDR DEC 3	
22324		XA216	52							16B	9			MUA000	05	MUA000	00	1	TQ2	D1		24A	BIT D ADDR DEC 0	G02
22366		XA216	53											MUA06A	02	MUA060	01	1	TQ2	E3		28B		
22325		XA216	54			XA225	04			16B	9			MUA00A	01	MUA000	01	1	TQ2	D1		25A		
22367		XA216	55			XA216	56			16B	9			MUPDGB	04	MUA060	01	2	TQ2	E3		29B		
22326		XA216	56			XA216	61			16B	9			MUPDGB	05	MUA000	01	2	TQ2	D1		26A		
22368		XA216	57							16B	9			MUA060	05	MUA060	00	1	TQ2	E3		30B	BIT D ADDR DEC 6	G02
06039		XA216	58											GND	01				TQ2			27A		
22373		XA216	59											MUA07A	02	MUA070	01	1	TQ2	E4		31B		
22359		XA216	60							16B	9			MUA050	05	MUA050	00	1	TQ2	E2		28A	BIT D ADDR DEC 5	G02
22374		XA216	61			XA216	64			16B	9			MUPDGB	06	MUA070	01	2	TQ2	E4		32B		
22360		XA216	62											MUA05A	02	MUA050	01	1	TQ2	E2		29A		
22375		XA216	63							16B	9			MUA070	05	MUA070	00	1	TQ2	E4		33B	BIT D ADDR DEC 7	G02
22361		XA216	64			XA216	70			16B	9			MUPDGB	07	MUA050	01	2	TQ2	E2		30A		
22546		XA216	65											MUB02A	02	MUB020	01	1	TQ2	F3		34B		
22352		XA216	66							16B	9			MUA040	05	MUA040	00	1	TQ2	E1		31A	BIT D ADDR DEC 4	G02
06040		XA216	67											GND	01				TQ2			40A		
22353		XA216	68											MUA04A	02	MUA040	01	1	TQ2	E1		32A		
22547		XA216	69			XA516	24			16B	9			MUB020	003	MUB020	00	1	TQ2	F3		35A	BIT B ADDR DEC 2	G02
22354		XA216	70			XA216	73			16B	9			MUPDGB	08	MUA040	01	2	TQ2	E1		33A		
22539		XA216	71											MUB01A	02	MUB010	01	1	TQ2	F2		36A		
22540		XA216	72			XA215	59			16B	9			MUB010	08	MUB010	00	1	TQ2	E2		34A	BIT B ADDR DEC 1	G02
22541		XA216	73			XA216	74			16B	9			MUPDGB	09	MUB010	01	2	TQ2	F2		36B		
22548		XA216	74			XA216	78			16B	9			MUPDGB	10	MUB020	01	2	TQ2	F3		35B		
22532		XA216	75			XA215	68			16B	9			MUB000	08	MUB000	00	1	TQ2	F1		37B	BIT B ADDR DEC 0	G02
22553		XA216	76											MUB03A	02	MUB030	01	1	TQ2	F4		37A		
22533		XA216	77											MUB00A	02	MUB000	01	1	TQ2	F1		38B		
22554		XA216	78			XA216	79			16B	9			MUPDGB	11	MUB030	01	2	TQ2	F4		38A		
22534		XA216	79			XA319	05			16B	9			MUPDGB	12	MUB000	01	2	TQ2	F1		39B		
22555		XA216	80			XA516	23			16B	9			MUB030	003	MUB030	00	1	TQ2	F4		39A	BIT B ADDR DEC 3	G02
20628		XA217	01											MDW00A	05	MDW00A	00	1	TQ2	A2		02B	BIT 00 SOURCE TMNG	
06041		XA217	02											GND	01				TQ2			01A		
20631		XA217	03											MUT010	03	MDW01A	01	1	TQ2	A3		02A		
20629		XA217	04											MUT000	03	MDW00A	01	1	TQ2	A2		04A		
20630		XA217	05											MUWEAB	21	MDW00A	01	2	TQ2	A2		03B		
20625		XA217	06			XA514	06			16B	9			MDWOPA	01	MDWOPA	00	1	TQ2	A1		05A	BIT OP SOURCE TMNG	
20632		XA217	07			XA217	05			16B	9			MUWEAB	20	MDW01A	01	2	TQ2	A3		03A		
20626		XA217	08			XA218	10			16B	9			MUTOP0	01	MDWOPA	01	1	TQ2	A1		06A		
20633		XA217	09											MDW01A	05	MDW01A	00	1	TQ2	A3		04B	BIT 01 SOURCE TMNG	
20627		XA217	10			XA217	78			16B	9			MUWECB	01	MDWOPA	01	2	TQ2	A1		07A		
CONNECTOR XA217) CONTINUED ON THE NEXT PAGE ****																								

RECORD NUMBER	FROM PREFIX	FROM CONNECTOR	FROM PIN	FROM SH FG	TO PREFIX	TO CONNECTOR	TO PIN	TO SH FG	WIRE MULTI GROUP	WIRE CODE	WIRE COLOR	WIRE IDENT	SPEC INST WIRE	SIGNAL	SEQ NO	EQUATION	TERM	FACTOR	CKT OR CHIP TYPE	GROUP	LOAD OR POWER PLANE	TEST POINTS AND	TEST POINTS OR	SIGNAL DESCRIPTION	ECO NO
20634		XA217	11											MUT020	03	MDW02A	01	1	TQ2	A4		05B			
06042		XA217	12											+5V	01				TQ2						
20635		XA217	13			XA217	07			16B	9			MUWEAB	19	MDW02A	01	2	TQ2	A4		06B			
20640		XA217	14											MDW04A	05	MDW04A	00	1	TQ2	B2		09A		BIT 04 SOURCE TMNG	
20636		XA217	15											MDW02A	05	MDW02A	00	1	TQ2	A4		07B		BIT 02 SOURCE TMNG	
06043		XA217	16											GND	01				TQ2			01B			
20643		XA217	17			XA218	19			16B	9			MUT050	01	MDW05A	01	1	TQ2	B3		08B			
20641		XA217	18											MUT040	03	MDW04A	01	1	TQ2	B2		10A			
20644		XA217	19			XA217	13			16B	9			MUWEAB	18	MDW05A	01	2	TQ2	B3		09B			
20642		XA217	20			XA217	19			16B	9			MUWEAB	17	MDW04A	01	2	TQ2	B2		11A			
20645		XA217	21											MDW05A	05	MDW05A	00	1	TQ2	B3		10B		BIT 05 SOURCE TMNG	
20637		XA217	22			XA411	06			16B	9			MDW03A	01	MDW03A	00	1	TQ2	B1		12A		BIT 03 SOURCE TMNG	
20646		XA217	23											MUT060	03	MDW06A	01	1	TQ2	B4		11B			
20638		XA217	24			XA218	26			16B	9			MUT030	01	MDW03A	01	1	TQ2	B1		13A			
20647		XA217	25			XA217	26			16B	9			MUWEAB	15	MDW06A	01	2	TQ2	B4		12B			
20639		XA217	26			XA217	20			16B	9			MUWEAB	16	MDW03A	01	2	TQ2	B1		14A			
20648		XA217	27											MDW06A	05	MDW06A	00	1	TQ2	B4		13B		BIT 06 SOURCE TMNG	
06044		XA217	28											+5V	01				TQ2						
20655		XA217	29			XA218	31			16B	9			MUT090	01	MDW09A	01	1	TQ2	C3		14B			
20652		XA217	30											MDW08A	05	MDW08A	00	1	TQ2	C2		15A		BIT 08 SOURCE TMNG	
20656		XA217	31			XA217	25			16B	9			MUWEAB	14	MDW09A	01	2	TQ2	C3		15B			
06045		XA217	32											GND	01				TQ2			20B			
20657		XA217	33											MDW09A	05	MDW09A	00	1	TQ2	C3		16B		BIT 09 SWT TMNG	
20653		XA217	34											MUT080	03	MDW08A	01	1	TQ2	C2		16A			
20658		XA217	35											MUT100	03	MDW10A	01	1	TQ2	C4		17B			
20654		XA217	36			XA217	37			16B	9			MUWEAB	12	MDW08A	01	2	TQ2	C2		17A			
20659		XA217	37			XA217	31			16B	9			MUWEAB	13	MDW10A	01	2	TQ2	C4		18B			
20649		XA217	38											MDW07A	05	MDW07A	00	1	TQ2	C1		18A		BIT 07 SWT TMNG	
20660		XA217	39											MDW10A	05	MDW10A	00	1	TQ2	C4		19B		BIT 10 SWT TMNG	
20650		XA217	40			XA218	42			16B	9			MUT070	01	MDW07A	01	1	TQ2	C1		19A			
20667		XA217	41			XA218	43			16B	9			MUT130	01	MDW13A	01	1	TQ2	D3		22B			
20651		XA217	42			XA217	36			16B	9			MUWEAB	11	MDW07A	01	2	TQ2	C1		20A			
20668		XA217	43											MUWEBB	17	MDW13A	01	2	TQ2	D3		23B			
06046		XA217	44											GND	01				TQ2			21B			
20669		XA217	45			XA415	06			16B	9			MDW13A	01	MDW13A	00	1	TQ2	D3		24B		BIT 13 SWT TMNG	
20664		XA217	46											MDW12A	05	MDW12A	00	1	TQ2	D2		21A		BIT 12 SWT TMNG	
20670		XA217	47			XA218	49			16B	9			MUT140	01	MDW14A	01	1	TQ2	D4		25B			
20665		XA217	48											MUT120	03	MDW12A	01	1	TQ2	D2		22A			
20671		XA217	49			XA217	43			16B	9			MUWEBB	16	MDW14A	01	2	TQ2	D4		26B			
20666		XA217	50			XA217	49			16B	9			MUWEBB	15	MDW12A	01	2	TQ2	D2		23A			
20672		XA217	51											MDW14A	05	MDW14A	00	1	TQ2	D4		27B		BIT 14 SWT TMNG	
20661		XA217	52											MDW11A	05	MDW11A	00	1	TQ2	D1		24A		BIT 11 SWT TMNG	
20679		XA217	53			XA218	55			16B	9			MUT170	01	MDW17A	01	1	TQ2	E3		28B			
20662		XA217	54			XA218	56			16B	9			MUT110	01	MDW11A	01	1	TQ2	D1		25A			
20680		XA217	55			XA217	56			16B	9			MUWEBB	13	MDW17A	01	2	TQ2	E3		29B			
20663		XA217	56			XA217	50			16B	9			MUWEBB	14	MDW11A	01	2	TQ2	D1		26A			
20681		XA217	57											MDW17A	05	MDW17A	00	1	TQ2	E3		30B		BIT 17 SWT TMNG	
06047		XA217	58											GND	01				TQ2			27A			
20682		XA217	59			XA218	61			16B	9			MUT180	01	MDW18A	01	1	TQ2	E4		31B			
20676		XA217	60											MDW16A	05	MDW16A	00	1	TQ2	E2		28A		BIT 16 SWT TMNG	
CONNECTOR XA217 CONTINUED ON THE NEXT PAGE ****																									

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DRAWING NUMBER 149304-880 UNIT ASSEMBLY NO. 149304 REV G INDEX XA217

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RECORD NUMBER	FROM PREFIX	FROM CONNECTOR	FROM PIN	FROM SH FG	TO PREFIX	TO CONNECTOR	TO PIN	TO SH FG	WIRE MULTI GROUP	WIRE CODE	WIRE COLOR	WIRE IDENT	SPC TEST MISC	SIGNAL	SEC NO	EQUATION	TERM	FACTOR	CKT OR CHIP TYPE	GROUP	LOAD OR POWER PLANE	TEST POINTS AND/OR	SIGNAL DESCRIPTION	ECO NO
20683		XA217	61			XA217	55			16B	9			MUWEBB	12	MDW18A	01	2	TQ2	E4		32B		
20677		XA217	62			XA218	64			16B	9			MUT160	01	MDW16A	01	1	TQ2	E2		29A		
20684		XA217	63			XA417	06			16B	9			MDW18A	01	MDW18A	00	1	TQ2	E4		33B	BIT 18 SWT TMNG	
20678		XA217	64			XA217	61			16B	9			MUWEBB	11	MDW16A	01	2	TQ2	E2		30A		
20691		XA217	65											MUT210	03	MDW21A	01	1	TQ2	F3		34B		
20673		XA217	66			XA510	06			16B	9			MDW15A	01	MDW15A	00	1	TQ2	E1		31A	BIT 15 SWT TMNG	
06048		XA217	67											GND	01				TQ2			40A		
20674		XA217	68			XA218	70			16B	9			MUT150	01	MDW15A	01	1	TQ2	E1		32A		
20692		XA217	69											MDW21A	05	MDW21A	00	1	TQ2	F3		35A	BIT 21 SWT TMNG	
20675		XA217	70			XA217	64			16B	9			MUWEBB	10	MDW15A	01	2	TQ2	E1		33A		
20688		XA217	71			XA218	73			16B	9			MUT200	01	MDW20A	01	1	TQ2	F2		36A		
20689		XA217	72											MDW20A	05	MDW20A	00	1	TQ2	F2		36A	BIT 20 SWT TMNG	
20690		XA217	73			XA217	74			16B	9			MUWEBB	08	MDW20A	01	2	TQ2	F2		36B		
20693		XA217	74			XA217	70			16B	9			MUWEBB	09	MDW21A	01	2	TQ2	F3		35B		
20685		XA217	75											MDW19A	05	MDW19A	00	1	TQ2	F1		37B	BIT 19 SWT TMNG	
20694		XA217	76			XA218	78			16B	9			MUT220	01	MDW22A	01	1	TQ2	F4		37A		
20686		XA217	77											MUT190	03	MDW19A	01	1	TQ2	F1		38B		
20695		XA217	78			XA323	14			16B	9			MUWECB	02	MDW22A	01	2	TQ2	F4		38A		
20687		XA217	79			XA217	73			16B	9			MUWEBB	07	MDW19A	01	2	TQ2	F1		39B		
20696		XA217	80											MDW22A	05	MDW22A	00	1	TQ2	F4		39A	BIT 22 SWT TMNG	
20501		XA218	01											MDR00A	05	MDR00A	00	1	TQ2	A2		02B	BIT 00 SOURCE TMNG	
06049		XA218	02											GND	01				TQ2			01A		
20504		XA218	03			XA218	11			16B	9			MUREAB	02	MDR01A	01	1	TQ2	A3		02A		
20502		XA218	04			XA218	03			16B	9			MUREAB	01	MDR00A	01	1	TQ2	A2		04A		
20503		XA218	05			XA217	04			16B	9			MUT000	02	MDR00A	01	2	TQ2	A2		03B		
20498		XA218	06											MDR0PA	05	MDR0PA	00	1	TQ2	A1		05A	BIT 0P SOURCE TMNG	
20505		XA218	07			XA217	03			16B	9			MUT010	02	MDR01A	01	2	TQ2	A3		03A		
20499		XA218	08											MUREC8	21	MDR0PA	01	1	TQ2	A1		06A		
20506		XA218	09											MDR01A	05	MDR01A	00	1	TQ2	A3		04B	BIT 01 SOURCE TMNG	
20500		XA218	10			XA219	06			16B	9			MUT0P0	02	MDR0PA	01	2	TQ2	A1		07A		
20507		XA218	11			XA218	17			16B	9			MUREAB	03	MDR02A	01	1	TQ2	A4		05B		
06050		XA218	12											+5V	01				TQ2					
20508		XA218	13			XA217	11			16B	9			MUT020	02	MDR02A	01	2	TQ2	A4		06B		
20513		XA218	14											MDR04A	05	MDR04A	00	1	TQ2	B2		09A	BIT 04 SOURCE TMNG	
20509		XA218	15											MDR02A	05	MDR02A	00	1	TQ2	A4		07B	BIT 02 SOURCE TMNG	
06051		XA218	16											GND	01				TQ2			01B		
20516		XA218	17			XA218	18			16B	9			MUREAB	04	MDR05A	01	1	TQ2	B3		08B		
20514		XA218	18			XA218	24			16B	9			MUREAB	05	MDR04A	01	1	TQ2	B2		10A		
20517		XA218	19			XA219	21			16B	9			MUT050	02	MDR05A	01	2	TQ2	B3		09B		
20515		XA218	20			XA217	18			16B	9			MUT060	02	MDR04A	01	2	TQ2	B2		11A		
20518		XA218	21											MDR05A	05	MDR05A	00	1	TQ2	B3		10B	BIT 05 SOURCE TMNG	
20510		XA218	22											MDR03A	05	MDR03A	00	1	TQ2	B1		12A	BIT 03 SOURCE TMNG	
20519		XA218	23			XA218	29			16B	9			MUREAB	07	MDR06A	01	1	TQ2	B4		11B		
20511		XA218	24			XA218	23			16B	9			MUREAB	06	MDR03A	01	1	TQ2	B1		13A		
20520		XA218	25			XA217	23			16B	9			MUT060	02	MDR06A	01	2	TQ2	B4		12B		
20512		XA218	26			XA219	22			16B	9			MUT030	02	MDR03A	01	2	TQ2	B1		14A		
20521		XA218	27											MDR06A	05	MDR06A	00	1	TQ2	B4		13B	BIT 06 SOURCE TMNG	
06052		XA218	28											+5V	01				TQ2					
CONNECTOR (XA218) CONTINUED ON THE NEXT PAGE ****																								

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RECORD NUMBER	FROM PREFIX	FROM CONNECTOR	FROM PIN	FROM SH FG	TO PREFIX	TO CONNECTOR	TO PIN	TO SH FG	WIRE MULTI GROUP	WIRE CODE	WIRE COLOR	WIRE IDENT	WIRE SPEC INST	SIGNAL	SEQ NO	EQUATION	TERM	FACTOR	CKT OR CHIP TYPE	GROUP	LOAD OR POWER PLANE	TEST POINTS AND	TEST POINTS OR	SIGNAL DESCRIPTION	ECO NO
20528		XA218	29			XA218	35			16B	9			MUREAB	08	MDR09A	01	1	TQ2	C3		14B			
20525		XA218	30											MDR08A	05	MDR08A	00	1	TQ2	C2		15A		BIT 08 SOURCE TMNG	
20529		XA218	31			XA219	33			16B	9			MUT090	02	MDR09A	01	2	TQ2	C3		15B			
06053		XA218	32											GND	01				TQ2			20B			
20530		XA218	33			XA117	56			16B	9			MDR09A	01	MDR09A	00	1	TQ2	C3		16B		BIT 09 SOURCE TMNG	
20526		XA218	34			XA218	40			16B	9			MUREAB	10	MDR08A	01	1	TQ2	C2		16A			
20531		XA218	35			XA218	34			16B	9			MUREAB	09	MDR10A	01	1	TQ2	C4		17B			
20527		XA218	36			XA217	34			16B	9			MUT080	02	MDR08A	01	2	TQ2	C2		17A			
20532		XA218	37			XA217	35			16B	9			MUT100	02	MDR10A	01	2	TQ2	C4		18B			
20522		XA218	38											MDR07A	05	MDR07A	00	1	TQ2	C1		18A		BIT 07 SOURCE TMNG	
20533		XA218	39											MDR10A	05	MDR10A	00	1	TQ2	C4		19B		BIT 10 SOURCE TMNG	
20523		XA218	40			XA320	38			16B	9			MUREAB	11	MDR07A	01	1	TQ2	C1		19A			
20540		XA218	41			XA218	47			16B	9			MUREBB	01	MDR13A	01	1	TQ2	D3		22B			
20524		XA218	42			XA219	38			16B	9			MUT070	02	MDR07A	01	2	TQ2	C1		20A			
20541		XA218	43			XA219	45			16B	9			MUT130	02	MDR13A	01	2	TQ2	D3		23B			
06054		XA218	44											GND	01				TQ2			21B			
20542		XA218	45											MDR13A	05	MDR13A	00	1	TQ2	D3		24B		BIT 13 SOURCE TMNG	
20537		XA218	46											MDR12A	05	MDR12A	00	1	TQ2	D2		21A		BIT 12 SOURCE TMNG	
20543		XA218	47			XA218	48			16B	9			MUREBB	02	MDR14A	01	1	TQ2	D4		25B			
20538		XA218	48			XA218	54			16B	9			MUREBB	03	MDR12A	01	1	TQ2	D2		22A			
20544		XA218	49			XA219	51			16B	9			MUT140	02	MDR14A	01	2	TQ2	D4		26B			
20539		XA218	50			XA217	48			16B	9			MUT120	02	MDR12A	01	2	TQ2	D2		23A			
20545		XA218	51											MDR14A	05	MDR14A	00	1	TQ2	D4		27B		BIT 14 SOURCE TMNG	
20534		XA218	52											MDR11A	05	MDR11A	00	1	TQ2	D1		24A		BIT 11 SOURCE TMNG	
20552		XA218	53			XA218	59			16B	9			MUREBB	05	MDR17A	01	1	TQ2	E3		28B			
20535		XA218	54			XA218	53			16B	9			MUREBB	04	MDR11A	01	1	TQ2	D1		25A			
20553		XA218	55			XA219	57			16B	9			MUT170	02	MDR17A	01	2	TQ2	E3		29B			
20536		XA218	56			XA219	52			16B	9			MUT110	02	MDR11A	01	2	TQ2	D1		26A			
20554		XA218	57											MDR17A	05	MDR17A	00	1	TQ2	E3		30B		BIT 17 SOURCE TMNG	
06055		XA218	58											GND	01				TQ2			27A			
20555		XA218	59			XA218	62			16B	9			MUREBB	06	MDR18A	01	1	TQ2	E4		31B			
20549		XA218	60											MDR16A	05	MDR16A	00	1	TQ2	E2		28A		BIT 16 SOURCE TMNG	
20556		XA218	61			XA219	63			16B	9			MUT180	02	MDR18A	01	2	TQ2	E4		32B			
20550		XA218	62			XA218	68			16B	9			MUREBB	07	MDR16A	01	1	TQ2	E2		29A			
20557		XA218	63											MDR18A	05	MDR18A	00	1	TQ2	E4		33B		BIT 18 SOURCE TMNG	
20551		XA218	64			XA219	60			16B	9			MUT160	02	MDR16A	01	2	TQ2	E2		30A			
20564		XA218	65			XA218	71			16B	9			MUREBB	09	MDR21A	01	1	TQ2	F3		34B			
20546		XA218	66											MDR15A	05	MDR15A	00	1	TQ2	E1		31A		BIT 15 SOURCE TMNG	
06056		XA218	67											GND	01				TQ2			40A			
20547		XA218	68			XA218	65			16B	9			MUREBB	08	MDR15A	01	1	TQ2	E1		32A			
20565		XA218	69											MDR21A	05	MDR21A	00	1	TQ2	F3		35A		BIT 21 SOURCE TMNG	
20548		XA218	70			XA219	66			16B	9			MUT150	02	MDR15A	01	2	TQ2	E1		33A			
20561		XA218	71			XA218	77			16B	9			MUREBB	10	MDR20A	01	1	TQ2	F2		36A			
20562		XA218	72											MDR20A	05	MDR20A	00	1	TQ2	F2		34A		BIT 20 SOURCE TMNG	
20563		XA218	73			XA219	72			16B	9			MUT200	02	MDR20A	01	2	TQ2	F2		36B			
20566		XA218	74			XA219	69			16B	9			MUT210	01	MDR21A	01	2	TQ2	F3		35B			
20558		XA218	75											MDR19A	05	MDR19A	00	1	TQ2	F1		37B		BIT 19 SOURCE TMNG	
20567		XA218	76			XA218	08			16B	9			MURECB	20	MDR22A	01	1	TQ2	F4		37A			
20559		XA218	77			XA320	33			16B	9			MUREBB	11	MDR19A	01	1	TQ2	F1		38B			
20568		XA218	78			XA219	80			16B	9			MUT220	02	MDR22A	01	2	TQ2	F4		38A			

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RECORD NUMBER	FROM PREFIX	FROM CONNECTOR	FROM PIN	FROM SH TO	TO PREFIX	TO CONNECTOR	TO PIN	TO SH TO	WIRE MULTI GROUP	WIRE CODE	WIRE COLOR	WIRE IDENT	SPEC INST MISC	SIGNAL	SEQ NO	EQUATION	TERM	FACTOR	CKT OR CHIP TYPE	GRID	LOAD OF POWER PLANE	TEST POINTS END	TEST POINTS OP	SIGNAL DESCRIPTION	ECO NO
20560		XA218	79			XA217	77			16B	9			MUT190	02	MDR19A	01	2	TQ2	F1		39B			
20569		XA218	80											MDR22A	05	MDR22A	00	1	TQ2	F4		39A		BIT 22 SOURCE TMNG	
22839		XA219	01			XA218	05			16B	9			MUT000	01	MUT000	00	1	TQ2	A2		02B		BIT 00 SRCE	
06057		XA219	02											GND	01				TQ2			01A			
22842		XA219	03			XA219	04			16B	9			MURATB	18	MUT010	01	1	TQ2	A3		02A			
22840		XA219	04											MURATB	19	MUT000	01	1	TQ2	A2		04A			
22841		XA219	05			XA319	45			16B	9			MWT00A	01	MUT000	01	2	TQ2	A2		03B			
22836		XA219	06											MUT0P0	03	MUT0P0	00	1	TQ2	A1		05A		BIT 0P SRCE	
22843		XA219	07											MWT01A	02	MUT010	01	2	TQ2	A3		03A			
22837		XA219	08			XA219	53			16B	9			MUR8TB	01	MUT0P0	01	1	TQ2	A1		06A			
22844		XA219	09			XA218	07			16B	9			MUT010	01	MUT010	00	1	TQ2	A3		04B		BIT 01 SRCE	
22838		XA219	10											MWT0PA	02	MUT0P0	01	2	TQ2	A1		07A			
22845		XA219	11			XA219	03			16B	9			MURATB	17	MUT020	01	1	TQ2	A4		05B			
06058		XA219	12											+5V	01				TQ2						
22846		XA219	13			XA318	30			16B	9			MWT02A	01	MUT020	01	2	TQ2	A4		06B			
22851		XA219	14			XA218	20			16B	9			MUT040	01	MUT040	00	1	TQ2	B2		09A		BIT 04 SRCE	
22847		XA219	15			XA218	13			16B	9			MUT020	01	MUT020	00	1	TQ2	A4		07B		BIT 02 SRCE	
06059		XA219	16											GND	01				TQ2			01B			
22854		XA219	17			XA219	11			16B	9			MURATB	16	MUT050	01	1	TQ2	B3		08B			
22852		XA219	18			XA219	17			16B	9			MURATB	15	MUT040	01	1	TQ2	B2		10A			
22855		XA219	19											MWT05A	02	MUT050	01	2	TQ2	B3		09B			
22853		XA219	20			XA318	39			16B	9			MWT04A	01	MUT040	01	2	TQ2	B2		11A			
22856		XA219	21											MUT050	03	MUT050	00	1	TQ2	B3		10B		BIT 05 SRCE	
22848		XA219	22											MUT030	03	MUT030	00	1	TQ2	B1		12A		BIT 03 SRCE	
22857		XA219	23			XA219	24			16B	9			MURATB	13	MUT060	01	1	TQ2	B4		11B			
22849		XA219	24			XA219	18			16B	9			MURATB	14	MUT030	01	1	TQ2	B1		13A			
22858		XA219	25			XA318	46			16B	9			MWT06A	01	MUT060	01	2	TQ2	B4		12B			
22850		XA219	26											MWT03A	02	MUT030	01	2	TQ2	B1		14A			
22859		XA219	27			XA218	25			16B	9			MUT060	01	MUT060	00	1	TQ2	B4		13B		BIT 06 SRCE	
06060		XA219	28											+5V	01				TQ2						
22866		XA219	29			XA219	23			16B	9			MURATB	12	MUT090	01	1	TQ2	C3		14B			
22863		XA219	30			XA218	36			16B	9			MUT080	01	MUT080	00	1	TQ2	C2		15A		BIT 08 SRCE	
22867		XA219	31											MWT09A	02	MUT090	01	2	TQ2	C3		15B			
06061		XA219	32											GND	01				TQ2			20B			
22868		XA219	33											MUT090	03	MUT090	00	1	TQ2	C3		16B		BIT 09 SRCE	
22864		XA219	34			XA219	35			16B	9			MURATB	10	MUT080	01	1	TQ2	C2		16A			
22869		XA219	35			XA219	29			16B	9			MURATB	11	MUT100	01	1	TQ2	C4		17B			
22865		XA219	36			XA318	51			16B	9			MWT08A	01	MUT080	01	2	TQ2	C2		17A			
22870		XA219	37			XA318	60			16B	9			MWT10A	01	MUT100	01	2	TQ2	C4		18B			
22860		XA219	38											MUT070	03	MUT070	00	1	TQ2	C1		18A		BIT 07 SRCE	
22871		XA219	39			XA218	37			16B	9			MUT100	01	MUT100	00	1	TQ2	C4		19B		BIT 10 SRCE	
22861		XA219	40			XA219	34			16B	9			MURATB	09	MUT070	01	1	TQ2	C1		19A			
22878		XA219	41			XA219	40			16B	9			MURATB	08	MUT130	01	1	TQ2	D3		22B			
22862		XA219	42											MWT07A	02	MUT070	01	2	TQ2	C1		20A			
22879		XA219	43											MWT13A	02	MUT130	01	2	TQ2	D3		23B			
06062		XA219	44											GND	01				TQ2			21B			
22880		XA219	45											MUT130	03	MUT130	00	1	TQ2	D3		24B		BIT 13 SRCE	
22875		XA219	46			XA218	50			16B	9			MUT120	01	MUT120	00	1	TQ2	D2		21A		BIT 12 SRCE	
CONNECTOR XA219) CONTINUED ON THE NEXT PAGE ****																									

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RECORD NUMBER	FROM PREFIX	FROM CONNECTOR	FROM PIN	FROM SH FG	TO PREFIX	TO CONNECTOR	TO PIN	TO SH FG	WIRE MULTI GROUP	WIRE CODE	WIRE COLOR	WIRE IDENT	SPEC INST MISC	SIGNAL	SEQ NO	EQUATION	TERM	FACTOR	CKT OR CHIP TYPE	GROUP	LOAD OR POWER PLANE	TEST POINTS AND	TEST POINTS OR	SIGNAL DESCRIPTION	ECO NO
22881		XA219	47			XA219	41			16B	9			MURATB	07	MUT140	01	1	TQ2	D4		25B			
22876		XA219	48			XA219	47			16B	9			MURATB	06	MUT120	01	1	TQ2	D2		22A			
22882		XA219	49			XA318	72			16B	9			MWT14A	01	MUT140	01	2	TQ2	D4		26B			
22877		XA219	50			XA318	63			16B	9			MWT12A	01	MUT120	01	2	TQ2	D2		23A			
22883		XA219	51											MUT140	03	MUT140	00	1	TQ2	D4		27B		BIT 14 SRCE	
22872		XA219	52											MUT110	03	MUT110	00	1	TQ2	D1		24A		BIT 11 SRCE	
22890		XA219	53			XA219	59			16B	9			MURBTB	02	MUT170	01	1	TQ2	E3		28B			
22873		XA219	54			XA219	48			16B	9			MURATB	05	MUT110	01	1	TQ2	D1		25A			
22891		XA219	55											MWT17A	02	MUT170	01	2	TQ2	E3		29B			
22874		XA219	56											MWT11A	02	MUT110	01	2	TQ2	D1		26A			
22892		XA219	57											MUT170	03	MUT170	00	1	TQ2	E3		30B		BIT 17 SRCE	
06063		XA219	58											GND	01				TQ2			27A			
22893		XA219	59			XA219	65			16B	9			MURBTB	03	MUT180	01	1	TQ2	E4		31B			
22887		XA219	60											MUT160	03	MUT160	00	1	TQ2	E2		28A		BIT 16 SRCE	
22894		XA219	61			XA317	33			16B	9			MWT18A	01	MUT180	01	2	TQ2	E4		32B			
22888		XA219	62			XA219	54			16B	9			MURATB	04	MUT160	01	1	TQ2	E2		29A			
22895		XA219	63											MUT180	03	MUT180	00	1	TQ2	E4		33B		BIT 18 SRCE	
22889		XA219	64			XA318	80			16B	9			MWT16A	01	MUT160	01	2	TQ2	E2		30A			
22902		XA219	65			XA219	71			16B	9			MURBTB	04	MUT210	01	1	TQ2	F3		34B			
22884		XA219	66											MUT150	03	MUT150	00	1	TQ2	E1		31A		BIT 15 SRCE	
06064		XA219	67											GND	01				TQ2			40A			
22885		XA219	68			XA219	62			16B	9			MURATB	03	MUT150	01	1	TQ2	E1		32A			
22903		XA219	69			XA217	65			16B	9			MUT210	02	MUT210	00	1	TQ2	F3		35A		BIT 21 SRCE	
22886		XA219	70											MWT15A	02	MUT150	01	2	TQ2	E1		33A			
22899		XA219	71			XA219	77			16B	9			MURBTB	05	MUT200	01	1	TQ2	F2		36A			
22900		XA219	72											MUT200	03	MUT200	00	1	TQ2	F2		34A		BIT 20 SRCE	
22901		XA219	73			XA317	52			16B	9			MWT20A	01	MUT200	01	2	TQ2	F2		36B			
22904		XA219	74											MWT21A	02	MUT210	01	2	TQ2	F3		35B			
22896		XA219	75			XA218	79			16B	9			MUT190	01	MUT190	00	1	TQ2	F1		37B		BIT 19 SRCE	
22905		XA219	76			XA320	09			16B	9			MURBTB	07	MUT220	01	1	TQ2	F4		37A			
22897		XA219	77			XA219	76			16B	9			MURBTB	06	MUT190	01	1	TQ2	F1		38B			
22906		XA219	78			XA317	45			16B	9			MWT22A	01	MUT220	01	2	TQ2	F4		38A			
22898		XA219	79											MWT19A	02	MUT190	01	2	TQ2	F1		39B			
22907		XA219	80											MUT220	03	MUT220	00	1	TQ2	F4		39A		BIT 22 SRCE	
19668		XA220	01			XA303	57			16B	9			MBY27DX	01	MBY27DX	00	1	DCF	A7		02A		27 BIT PORT B I/O	
06065		XA220	02											GND	01				DCF			01A			
06066		XA220	02										K	GROUND	18C				DCF			01A			
19670		XA220	03											MBY270X	03	MBY270X	00	1	DCF	A8		03A		27 BIT PORT B	
19671		XA220	04											MRD27P	06	MBY270X	01	1	DCF	A8		04A			
06067		XA220	05			XA220	02			16B	9			GROUND	18				DCF						
19656		XA220	06			XA221	06			16B	9			MBREDA	02	MBY24DX	01	1	DCF	A1		05A			
19660		XA220	06										M	MBREDA	01	MBY25DX	01	1	DCF	A3		05A			
19664		XA220	06										M	MBREDA	01	MBY26DX	01	1	DCF	A5		05A			
19669		XA220	06										M	MBREDA	01	MBY27DX	01	1	DCF	A7		05A			
19657		XA220	07			XA303	51			16B	9			MBY24DX	01	MBY24DX	00	1	DCF	A1		02B		24 BIT PORT B I/O	
19666		XA220	08			XA223	54			16B	9			MRD26P	01	MBY260X	01	1	DCF	A6		06A			
19658		XA220	09											MBY240X	02	MBY240X	00	1	DCF	A2		03B		24 BIT PORT B	
19667		XA220	10											MBY260X	03	MBY260X	00	1	DCF	A6		07A		26 BIT PORT B	
CONNECTOR IXA220) CONTINUED ON THE NEXT PAGE ****																									

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RECORD NUMBER	FROM PREFIX	FROM CONNECTOR	FROM PIN	FROM SH PG	TO PREFIX	TO CONNECTOR	TO PIN	TO SH PG	WIRE MULTI GROUP	WIRE CODE	WIRE COLOR	WIRE IDENT	SPEC TEST MISC	SIGNAL	SEC NO	EQUATION	TERM	FACTOR	CKT OR CMP TYPE	GROUP	LOAD OR POWER PLANE	TEST POINTS ANCHOR	SIGNAL DESCRIPTION	ECO NO
19659		XA220	11			XA223	49			16B	9			MRD24P	01	MBY240X	01	1	DCF	A2		04B		
06068		XA220	12											+5V	01				DCF			08A		
19662		XA220	13											MRD25P	06	MBY250X	01	1	DCF	A4		05B		
19665		XA220	14			XA303	55			16B	9			MBY26DX	01	MBY26DX	00	1	DCF	A5		08B	26 BIT PORT B I/O	
19663		XA220	15											MBY250X	02	MBY250X	00	1	DCF	A4		06B	25 BIT PORT B	
06069		XA220	16											GND	01				DCF					
06070		XA220	16			XA220	21			16B	9			GROUND	183				DCF					
19661		XA220	17			XA303	53			16B	9			MBY25DX	01	MBY25DX	00	1	DCF	A3		07B	25 BIT PORT B I/O	
06071		XA220	18											SPP	01				DCF					
06072		XA220	19			XA220	16			16B	9			GROUND	181				DCF					
06073		XA220	20											SPP	01				DCF					
06074		XA220	21										K	GROUND	185				DCF					
06075		XA220	22											SPP	01				DCF					
19684		XA220	23			XA303	65			16B	9			MBY31DX	01	MBY31DX	00	1	DCF	B7		10A	31 BIT PORT B I/O	
06076		XA220	24											SPP	01				DCF					
06077		XA220	25			XA220	32			16B	9			GROUND	19				DCF					
06078		XA220	26											SPP	01				DCF					
19672		XA220	27			XA303	59			16B	9			MBY28DX	01	MBY28DX	00	1	DCF	B1		10B	28 BIT PORT B I/O	
06079		XA220	28											+5V	01				DCF			21B		
19674		XA220	29											MBY28OX	02	MBY28OX	00	1	DCF	B2		11B	28 BIT PORT B	
19686		XA220	30											MBY310X	02	MBY310X	00	1	DCF	B8		11A	31 BIT PORT B	
19675		XA220	31			XA223	71			16B	9			MRD28P	01	MBY28OX	01	1	DCF	B2		12B		
06080		XA220	32											GND	01				DCF					
06081		XA220	32			XA220	39			16B	9			GROUND	19C				DCF					
19678		XA220	33											MRD29P	06	MBY290X	01	1	DCF	B4		13B		
19687		XA220	34											MRD31P	06	MBY310X	01	1	DCF	B8		12A		
19679		XA220	35											MBY290X	02	MBY290X	00	1	DCF	B4		14B	29 BIT PORT B	
19673		XA220	36			XA220	52			16B	9			MBREDA	05	MBY28DX	01	1	DCF	B1		13A		
19676		XA220	36										M	MBREDA	01	MBY29DX	01	1	DCF	B3		13A		
19680		XA220	36										M	MBREDA	01	MBY30DX	01	1	DCF	B5		13A		
19685		XA220	36										M	MBREDA	01	MBY31DX	01	1	DCF	B7		13A		
19677		XA220	37			XA303	61			16B	9			MBY29DX	01	MBY29DX	00	1	DCF	B3		15B	29 BIT PORT B I/O	
19682		XA220	38											MRD30P	06	MBY300X	01	1	DCF	B6		14A		
06082		XA220	39										K	GROUND	19L				DCF					
19683		XA220	40											MBY300X	02	MBY300X	00	1	DCF	B6		15A	30 BIT PORT B	
19681		XA220	41			XA303	63			16B	9			MBY30DX	01	MBY30DX	00	1	DCF	B5		16A	30 BIT PORT B I/O	
06083		XA220	42			XA220	44			16B	9			GROUND	193				DCF			20B		
06084		XA220	43											SPO	01		00	1	DCF	C7		25A		
06085		XA220	44											GND	01				DCF					
06086		XA220	44			XA220	45			16B	9			GROUND	195				DCF					
06087		XA220	45										K	GROUND	20				DCF			27A		
19529		XA220	46			XA303	01			16B	9			MBYOPDX	01	MBYOPDX	00	1	DCF	C1		25B	PRTY BIT PRT B I/O	
19531		XA220	47											MBYOPOX	02	MBYOPOX	00	1	DCF	C2		26B	PARITY BIT PORT B	
06088		XA220	48											SPO	01		00	1	DCF	C8		26A		
19532		XA220	49			XA222	11			16B	9			MRDOPP	05	MBYOPOX	01	1	DCF	C2		27B		
06089		XA220	50			XA222	04			16B	9			SPI003	32		01	1	DCF	C8		28A		
19499		XA220	51			XA424	13			16B	9			MMACCO	03	MBYAPOX	01	1	DCF	C4		28B		
19497		XA220	52										M	MBREDA	01	MBYAPDX	01	1	DCF	C3		29A		
19530		XA220	52			XA221	52			16B	9			MBREDA	06	MBYOPDX	01	1	DCF	C1		29A		
21784		XA220	52										M	MBREDA	01	MRSETDX	01	1	DCF	C5		29A		
CONNECTOR XA220) CONTINUED ON THE NEXT PAGE ****																								

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RECORD NUMBER	FROM PREFIX	FROM CONNECTOR	FROM PIN	FROM SH FG	TO PREFIX	TO CONNECTOR	TO PIN	TO SH FG	WIRE MULTI GROUP	WIRE CODE	WIRE COLOR	WIRE IDENT	SPL INST MISC	SIGNAL	SPEC NO	EQUATION	TERM	FACTOR	CKT OR CHIP TYPE	GROUP	LOAD OR POWER PLANE	TEST POINTS AND	TEST POINTS OR	SIGNAL DESCRIPTION	ECO NO
06090		XA220	53			XA220	58			16B	9			GROUND	20C				DCF						
21786		XA220	54			XA301	11			16B	9			MDGNDB1	09	MRSETOX	01	1	DCF	C6		30A			
19498		XA220	55											MBYAPDX	02	MBYAPDX	00	1	DCF	C3		30B		ACCEPT PORT B I/O	
19500		XA220	56										M	MBYAPOX	01	MBYAPOX	00	1	DCF	C4		29B		ACCEPT PORT B	
21787		XA220	57			XA216	35			16B	9			MRSETOX	01	MRSETOX	00	1	DCF	C6		31A			
06091		XA220	58											GND	01				DCF						
06092		XA220	58			XA220	59			16B	9			GROUND	20L				DCF						
06093		XA220	59										K	GROUND	203				DCF						
21785		XA220	60							16B	9			MRSETDX	02	MRSETDX	00	1	DCF	C5		31B			
19515		XA220	61			XA303	79			16B	9			MBYPFDX	01	MBYPFDX	00	1	DCF	D7		33A		PWR FAIL PRT B I/O	
06094		XA220	62											SPP	01				DCF						
06095		XA220	63											SPP	01				DCF						
06096		XA220	64											SPP	01				DCF						
19493		XA220	65											MBYACDX	02	MBYACDX	00	1	DCF	D1		32B		ADR CONT PRT B I/O	
06097		XA220	66											SPP	01				DCF						
06098		XA220	67											GND	01				DCF						
06099		XA220	67			XA220	79			16B	9			GROUND	21				DCF						
06100		XA220	68											SPO	01		00	1	DCF	D8		34A			
19495		XA220	69											MBYACOX	03	MBYACOX	00	1	DCF	D2		33B		ADR CONTROL PORT B	
06101		XA220	70			XA222	34			16B	9			SPI006	13		01	1	DCF	D8		35A			
19496		XA220	71			XA220	73			16B	9			MDGNDB1	00K	MBYACOX	01	1	DCF	D2		34B			
19494		XA220	72			XA236	80			16B	9			MMYPFA	01	MBYACDX	01	1	DCF	D1		36A			
19504		XA220	72										M	MMYPFA	01	MBYHCDX	01	1	DCF	D3		36A			
19511		XA220	72										M	MMYPFA	01	MBYMIDX	01	1	DCF	D5		36A			
19516		XA220	72										M	MMYPFA	01	MBYPFDX	01	1	DCF	D7		36A			
19506		XA220	73			XA220	74			16B	9			MDGNDB1	00N	MBYHCOX	01	1	DCF	D4		35B			
19513		XA220	74			XA424	31			16B	9			MDGNDB1	00P	MBYMIOX	01	1	DCF	D6		37A			
19507		XA220	75											MBYHCOX	03	MBYHCOX	00	1	DCF	D4		36B		HLD CONTROL PORT B	
19514		XA220	76											MBYMIOX	02	MBYMIOX	00	1	DCF	D6		38A		INHIBIT PORT B	
06102		XA220	77			XA220	67			16B	9			GROUND	205				DCF						
19505		XA220	78											MBYHCDX	02	MBYHCDX	00	1	DCF	D3		37B		HLD CNTRL PT B I/O	
06103		XA220	79										K	GROUND	21C				DCF			40B			
19512		XA220	80											MBYMIDX	02	MBYMIDX	00	1	DCF	D5		38B		INHIBIT PORT B I/O	
19598		XA221	01			XA303	25			16B	9			MBY11DX	01	MBY11DX	00	1	DCF	A7		02A		11 BIT PORT B I/O	
06104		XA221	02											GND	01				DCF			01A			
06105		XA221	02										K	GROUND	213				DCF			01A			
19600		XA221	03											MBY11OX	04	MBY11OX	00	1	DCF	A8		03A		11 BIT PORT B	
19601		XA221	04			XA224	50			16B	9			MRD11P	01	MBY11OX	01	1	DCF	A8		04A			
06106		XA221	05			XA221	02			16B	9			GROUND	21L				DCF						
19577		XA221	06			XA221	36			16B	9			MBREDA	03	MBY08DX	01	1	DCF	A1		05A			
19584		XA221	06										M	MBREDA	01	MBY09DX	01	1	DCF	A3		05A			
19591		XA221	06										M	MBREDA	01	MBY10DX	01	1	DCF	A5		05A			
19599		XA221	06										M	MBREDA	01	MBY11DX	01	1	DCF	A7		05A			
19578		XA221	07			XA303	19			16B	9			MBY08DX	01	MBY08DX	00	1	DCF	A1		02B		08 BIT PORT B I/O	
19593		XA221	08			XA224	54			16B	9			MRD10P	01	MBY10OX	01	1	DCF	A6		06A			
19579		XA221	09											MBY08OX	03	MBY08OX	00	1	DCF	A2		03B		08 BIT PORT B	
19594		XA221	10											MBY10OX	04	MBY10OX	00	1	DCF	A6		07A		10 BIT PORT B	
19580		XA221	11											MRD08P	06	MBY08OX	01	1	DCF	A2		04B			

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RECORD NUMBER	FROM PREFIX	FROM CONNECTOR	FROM PIN	FROM SHLD	TO PREFIX	TO CONNECTOR	TO PIN	TO SHLD	WIRE MULTI GROUP	WIRE CODE	WIRE COLOR	WIRE IDENT	SPC INST MISC	SIGNAL	SEQ NO	EQUATION	TERM	FACTOR	CKT OR CHIP TYPE	GROUP	LOAD OR POWER PLANE	TEST POINTS GND	TEST POINTS SP	SIGNAL DESCRIPTION	ECO NO
06107		XA221	12											+5V	01				DCF			08A			
19586		XA221	13											MRD09P	06	MBY09DX	01	1	DCF	A4		05B			
19592		XA221	14			XA303	23			16B	9			MBY10DX	01	MBY10DX	00	1	DCF	A5		08B		10 BIT PORT B I/O	
19587		XA221	15											MBY09DX	03	MBY09DX	00	1	DCF	A4		06B		09 BIT PORT B	
06108		XA221	16											GND	01				DCF						
06109		XA221	16			XA221	21			16B	9			GROUND	22				DCF						
19585		XA221	17			XA303	21			16B	9			MBY09DX	01	MBY09DX	00	1	DCF	A3		07B		09 BIT PORT B I/O	
06110		XA221	18											SPP	01				DCF						
06111		XA221	19			XA221	16			16B	9			GROUND	21S				DCF						
06112		XA221	20											SPP	01				DCF						
06113		XA221	21										K	GROUND	22C				DCF						
06114		XA221	22											SPP	01				DCF						
19620		XA221	23			XA303	33			16B	9			MBY15DX	01	MBY15DX	00	1	DCF	B7		10A		15 BIT PORT B I/O	
06115		XA221	24											SPP	01				DCF						
06116		XA221	25			XA221	32			16B	9			GROUND	22L				DCF						
06117		XA221	26											SPP	01				DCF						
19605		XA221	27			XA303	27			16B	9			MBY12DX	01	MBY12DX	00	1	DCF	B1		10B		12 BIT PORT B I/O	
06118		XA221	28											+5V	01				DCF			21B			
19607		XA221	29											MBY12DX	04	MBY12DX	00	1	DCF	B2		11B		12 BIT PORT B	
19622		XA221	30											MBY15DX	02	MBY15DX	00	1	DCF	B8		11A		15 BIT PORT B	
19608		XA221	31			XA224	71			16B	9			MRD12P	01	MBY12DX	01	1	DCF	B2		12B			
06119		XA221	32											GND	01				DCF						
06120		XA221	32			XA221	39			16B	9			GROUND	223				DCF						
19614		XA221	33			XA224	73			16B	9			MRD13P	01	MBY13DX	01	1	DCF	B4		13B			
19623		XA221	34			XA224	70			16B	9			MRD15P	01	MBY15DX	01	1	DCF	B8		12A			
19615		XA221	35											MBY13DX	04	MBY13DX	00	1	DCF	B4		14B		13 BIT PORT B	
19606		XA221	36			XA220	36			16B	9			MBREDA	04	MBY12DX	01	1	DCF	B1		13A			
19612		XA221	36										M	MBREDA	01	MBY13DX	01	1	DCF	B3		13A			
19616		XA221	36										M	MBREDA	01	MBY14DX	01	1	DCF	B5		13A			
19621		XA221	36										M	MBREDA	01	MBY15DX	01	1	DCF	B7		13A			
19613		XA221	37			XA303	29			16B	9			MBY13DX	01	MBY13DX	00	1	DCF	B3		15B		13 BIT PORT B I/O	
19618		XA221	38			XA224	74			16B	9			MRD14P	01	MBY14DX	01	1	DCF	B6		14A			
06121		XA221	39										K	GROUND	225				DCF						
19619		XA221	40											MBY14DX	02	MBY14DX	00	1	DCF	B6		15A		14 BIT PORT B	
19617		XA221	41			XA303	31			16B	9			MBY14DX	01	MBY14DX	00	1	DCF	B5		16A		14 BIT PORT B I/O	
06122		XA221	42			XA221	44			16B	9			GROUND	23				DCF			20B			
19636		XA221	43			XA303	41			16B	9			MBY19DX	01	MBY19DX	00	1	DCF	C7		25A		19 BIT PORT B I/O	
06123		XA221	44											GND	01				DCF						
06124		XA221	44			XA221	45			16B	9			GROUND	23C				DCF						
06125		XA221	45										K	GROUND	23L				DCF			27A			
19624		XA221	46			XA303	35			16B	9			MBY16DX	01	MBY16DX	00	1	DCF	C1		25B		16 BIT PORT B I/O	
19626		XA221	47											MBY16DX	02	MBY16DX	00	1	DCF	C2		26B		16 BIT PORT B	
19638		XA221	48											MBY19DX	02	MBY19DX	00	1	DCF	C8		26A		19 BIT PORT B	
19627		XA221	49			XA223	11			16B	9			MRD16P	05	MBY16DX	01	1	DCF	C2		27B			
19639		XA221	50			XA223	04			16B	9			MRD19P	05	MBY19DX	01	1	DCF	C8		28A			
19630		XA221	51			XA317	36			16B	9			MRD17P	02	MBY17DX	01	1	DCF	C4		28B			
19625		XA221	52			XA222	52			16B	9			MBREDA	07	MBY16DX	01	1	DCF	C1		29A			
19628		XA221	52										M	MBREDA	01	MBY17DX	01	1	DCF	C3		29A			
19632		XA221	52										M	MBREDA	01	MBY18DX	01	1	DCF	C5		29A			
19637		XA221	52										M	MBREDA	01	MBY19DX	01	1	DCF	C7		29A			
CONNECTOR XA221 CONTINUED ON THE NEXT PAGE ****																									

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Litton DATA SYSTEMS

DRAWING NUMBER 149304-880 UNIT ASSEMBLY NO. 149304 REV G INDEX XA221

UNIT ASSEMBLY CARD CAGE WIRED, MCU CONNECTOR FILE IDENT T39AMCMU DATE 09-02-82 PAGE 187

RECORD NUMBER	FROM PREFIX	FROM CONNECTOR	FROM PIN	FROM SH TO	TO PREFIX	TO CONNECTOR	TO PIN	TO SH TO	WIRE MULTI GROUP	WIRE CODE	WIRE COLOR	WIRE IDENT	SPECIAL INST	SIGNAL	SEQ NO	EQUATION	TERM	FACTOR	CKT OR CHIP TYPE	GROUP	LOAD OR POWER PLANE	TEST POINTS T AND OR	SIGNAL DESCRIPTION	ECO NO
06126		XA221	53			XA221	58			16B	9			GROUND	233				DCF					
19634		XA221	54			XA223	08			16B	9			MRD18P	05	MBY18OX	01	1	DCF	C6		30A		
19629		XA221	55			XA303	37			16B	9			MBY17DX	01	MBY17DX	00	1	DCF	C3		30B	17 BIT PORT B I/O	
19631		XA221	56											MBY17OX	02	MBY17OX	00	1	DCF	C4		29B	17 BIT PORT B	
19635		XA221	57											MBY18OX	02	MBY18OX	00	1	DCF	C6		31A	18 BIT PORT B	
06127		XA221	58											GND	01				DCF					
06128		XA221	58			XA221	59			16B	9			GROUND	235				DCF					
06129		XA221	59										K	GROUND	24				DCF					
19633		XA221	60			XA303	39			16B	9			MBY18DX	01	MBY18DX	00	1	DCF	C5		31B	18 BIT PORT B I/O	
19652		XA221	61			XA303	49			16B	9			MBY23DX	01	MBY23DX	00	1	DCF	D7		33A	23 BIT PORT B I/O	
06130		XA221	62											SPP	01				DCF					
06131		XA221	63											SPP	01				DCF					
06132		XA221	64											SPP	01				DCF					
19640		XA221	65			XA303	43			16B	9			MBY20DX	01	MBY20DX	00	1	DCF	D1		32B	20 BIT PORT B I/O	
06133		XA221	66											SPP	01				DCF					
06134		XA221	67											GND	01				DCF					
06135		XA221	67			XA221	79			16B	9			GROUND	24L				DCF					
19654		XA221	68											MBY23OX	02	MBY23OX	00	1	DCF	D8		34A	23 BIT PORT B	
19642		XA221	69											MBY20OX	02	MBY20OX	00	1	DCF	D2		33B	20 BIT PORT B	
19655		XA221	70			XA326	23			16B	9			MRD23P	02	MBY23OX	01	1	DCF	D8		35A		
19643		XA221	71			XA223	31			16B	9			MRD20P	05	MBY20OX	01	1	DCF	D2		34B		
19641		XA221	72											MBREDA	10	MBY20DX	01	1	DCF	D1		36A		
19644		XA221	72										M	MBREDA	01	MBY21DX	01	1	DCF	D3		36A		
19648		XA221	72										M	MBREDA	01	MBY22DX	01	1	DCF	D5		36A		
19653		XA221	72										M	MBREDA	01	MBY23DX	01	1	DCF	D7		36A		
19646		XA221	73			XA223	33			16B	9			MRD21P	05	MBY21OX	01	1	DCF	D4		35B		
19650		XA221	74			XA326	09			16B	9			MRD22P	02	MBY22OX	01	1	DCF	D6		37A		
19647		XA221	75											MBY21OX	02	MBY21OX	00	1	DCF	D4		36B	21 BIT PORT B	
19651		XA221	76											MBY22OX	02	MBY22OX	00	1	DCF	D6		38A	22 BIT PORT B	
06136		XA221	77			XA221	67			16B	9			GROUND	24C				DCF					
19645		XA221	78			XA303	45			16B	9			MBY21DX	01	MBY21DX	00	1	DCF	D3		37B	21 BIT PORT B I/O	
06137		XA221	79										K	GROUND	243				DCF			40B		
19649		XA221	80			XA303	47			16B	9			MBY22DX	01	MBY22DX	00	1	DCF	D5		38B	22 BIT PORT B I/O	
06138		XA222	01											SPO	01		00	1	DCF	A7		02A		
06139		XA222	02											GND	01				DCF			01A		
06140		XA222	02										K	GROUND	25				DCF			01A		
06141		XA222	03											SPO	01		00	1	DCF	A8		03A		
06142		XA222	04			XA216	34			16B	9			SPI003	34		01	1	DCF	A8		04A		
06143		XA222	05			XA222	02			16B	9			GROUND	245				DCF					
19057		XA222	06										M	MAREDA	01	MAYAPDX	01	1	DCF	A3		05A		
19092		XA222	06			XA223	06			16B	9			MAREDA	07	MAYOPDX	01	1	DCF	A1		05A		
19093		XA222	07			XA201	01			16B	9			MAYOPDX	01	MAYOPDX	00	1	DCF	A1		02B	PRTY BIT PRT A I/O	
06144		XA222	08			XA216	42			16B	9			SPI002	12		01	1	DCF	A6		06A		
19094		XA222	09											MAYOPOX	02	MAYOPOX	00	1	DCF	A2		03B	PARITY BIT PORT A	
06145		XA222	10											SPO	01		00	1	DCF	A6		07A		
19095		XA222	11											MRDOPP	06	MAYOPOX	01	1	DCF	A2		04B		
06146		XA222	12											+5V	01				DCF			08A		
19059		XA222	13			XA220	51			16B	9			MMACCO	02	MAYAPOX	01	1	DCF	A4		05B		

CONNECTOR (XA222) CONTINUED ON THE NEXT PAGE ****

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RECORD NUMBER	FROM PREFIX	FROM CONNECTOR	FROM PIN	FROM SH FG	TO PREFIX	TO CONNECTOR	TO PIN	TO SH FG	WIRE MULTI GROUP	WIRE CODE	WIRE COLOR	WIRE IDENT	SPEC INST MISC	SIGNAL	SEC NO	EQUATION	TERM	FACTOR	CKT OR CHIP TYPE	GROUP	LOAD OR POWER PLANE	TEST POINTS AND/OR	SIGNAL DESCRIPTION	ECO NO
06147		XA222	14											SPO	01		00	1	DCF	A5		08B		
19060		XA222	15										M	MAYAPOX	01	MAYAPOX	00	1	DCF	A4		06B	ACCEPT PORT A	
06148		XA222	16											GND	01				DCF					
06149		XA222	16			XA222	21			16B	9			GROUND	25L				DCF					
19058		XA222	17											MAYAPDX	02	MAYAPDX	00	1	DCF	A3		07B	ACCEPT PORT A I/O	
06150		XA222	18											SPP	01				DCF					
06151		XA222	19			XA222	16			16B	9			GROUND	25C				DCF					
06152		XA222	20											SPP	01				DCF					
06153		XA222	21										K	GROUND	253				DCF					
06154		XA222	22											SPP	01				DCF					
19075		XA222	23			XA201	79			16B	9			MAYPFDX	01	MAYPFDX	00	1	DCF	B7		10A	PWR FAIL PRT A I/O	
06155		XA222	24											SPP	01				DCF					
06156		XA222	25			XA222	32			16B	9			GROUND	255				DCF					
06157		XA222	26											SPP	01				DCF					
19053		XA222	27											MAYACDX	02	MAYACDX	00	1	DCF	B1		10B	ADR CONT PRT A I/O	
06158		XA222	28											+5V	01				DCF			21B		
19055		XA222	29											MAYACOX	03	MAYACOX	00	1	DCF	B2		11B	ADR CONTROL PORT A	
06159		XA222	30											SPO	03		00	1	DCF	B8		11A	MASTER RST PORT A	
19056		XA222	31			XA222	33			16B	9			MDGNDB1	00C	MAYACOX	01	1	DCF	B2		12B		
06160		XA222	32											GND	01				DCF					
06161		XA222	32			XA222	39			16B	9			GROUND	26				DCF					
19066		XA222	33			XA222	38			16B	9			MDGNDB1	00E	MAYHCOX	01	1	DCF	B4		13B		
06162		XA222	34			XA241	46			16B	9			SPI006	14		01	1	DCF	B8		12A		
19067		XA222	35											MAYHCOX	03	MAYHCOX	00	1	DCF	B4		14B	HLD CONTROL PRT A	
19054		XA222	36			XA220	72			16B	9			MMYPFA	00	MAYACDX	01	1	DCF	B1		13A		
19064		XA222	36										M	MMYPFA	01	MAYHCDX	01	1	DCF	B3		13A		
19071		XA222	36										M	MMYPFA	01	MAYMIDX	01	1	DCF	B5		13A		
19076		XA222	36										M	MMYPFA	01	MAYPFDX	01	1	DCF	B7		13A		
19065		XA222	37											MAYHCDX	02	MAYHCDX	00	1	DCF	B3		15B	HLD CONT PRT A I/O	
19073		XA222	38			XA220	71			16B	9			MDGNDB1	00H	MAYMIOX	01	1	DCF	B6		14A		
06163		XA222	39										K	GROUND	26C				DCF					
19074		XA222	40											MAYMIOX	02	MAYMIOX	00	1	DCF	B6		15A	INHIBIT PORT A	
19072		XA222	41											MAYMIDX	02	MAYMIDX	00	1	DCF	B5		16A	INHIBIT PORT A I/O	
06164		XA222	42			XA222	44			16B	9			GROUND	26L				DCF			20B		
19548		XA222	43			XA303	09			16B	9			MBY03DX	01	MBY03DX	00	1	DCF	C7		25A	03 BIT PORT B I/O	
06165		XA222	44											GND	01				DCF					
06166		XA222	44			XA222	45			16B	9			GROUND	263				DCF					
06167		XA222	45										K	GROUND	265				DCF			27A		
19533		XA222	46			XA303	03			16B	9			MBY00DX	01	MBY00DX	00	1	DCF	C1		25B	00 BIT PORT B I/O	
19535		XA222	47											MBY00OX	03	MBY00OX	00	1	DCF	C2		26B	00 BIT PORT B	
19550		XA222	48											MBY03OX	02	MBY03OX	00	1	DCF	C8		26A	03 BIT PORT B	
19536		XA222	49			XA224	11			16B	9			MRD00P	05	MBY00OX	01	1	DCF	C2		27B		
19551		XA222	50			XA318	31			16B	9			MRD03P	02	MBY03OX	01	1	DCF	C8		28A		
19542		XA222	51			XA224	13			16B	9			MRD01P	05	MBY01OX	01	1	DCF	C4		28B		
19534		XA222	52			XA222	72			16B	9			MBREDA	08	MBY00DX	01	1	DCF	C1		29A		
19540		XA222	52										M	MBREDA	01	MBY01DX	01	1	DCF	C3		29A		
19544		XA222	52										M	MBREDA	01	MBY02DX	01	1	DCF	C5		29A		
19549		XA222	52										M	MBREDA	01	MBY03DX	01	1	DCF	C7		29A		
06168		XA222	53			XA222	58			16B	9			GROUND	27				DCF					
19546		XA222	54			XA318	36			16B	9			MRD02P	02	MBY02OX	01	1	DCF	C6		30A		
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RECORD NUMBER	FROM PREFIX	FROM CONNECTOR	FROM PIN	FROM SH FG	TO PREFIX	TO CONNECTOR	TO PIN	TO SH FG	WIRE MULTI GROUP	WIRE CODE	WIRE COLOR	WIRE IDENT	SPEC INST MISC	SIGNAL	SEQ NO	EQUATION	TERM	FACTOR	CKT OR CHIP TYPE	GROUP	LOAD OR POWER PLANE	TEST POINTS AND	TEST POINTS OR	SIGNAL DESCRIPTION	ECO NO
19541		XA222	55			XA303	05			16B	9			MBY01DX	01	MBY01DX	00	1	DCF	C3		30B		01 BIT PORT B I/O	
19543		XA222	56											MBY01OX	03	MBY01OX	00	1	DCF	C4		29B		01 BIT PORT B	
19547		XA222	57											MBY02OX	02	MBY02OX	00	1	DCF	C6		31A		02 BIT PORT B	
06169		XA222	58											GND	01				DCF						
06170		XA222	58			XA222	59			16B	9			GROUND	27C				DCF						
06171		XA222	59										K	GROUND	27L				DCF						
19545		XA222	60			XA303	07			16B	9			MBY02DX	01	MBY02DX	00	1	DCF	C5		31B			
19570		XA222	61			XA303	17			16B	9			MBY07DX	01	MBY07DX	00	1	DCF	D7		33A		07 BIT PORT B I/O	
06172		XA222	62											SPP	01				DCF						
06173		XA222	63											SPP	01				DCF						
06174		XA222	64											SPP	01				DCF						
19552		XA222	65			XA303	11			16B	9			MBY04DX	01	MBY04DX	00	1	DCF	D1		32B		04 BIT PORT B I/O	
06175		XA222	66											SPP	01				DCF						
06176		XA222	67											GND	01				DCF						
06177		XA222	67			XA222	79			16B	9			GROUND	27S				DCF						
19572		XA222	68											MBY07OX	03	MBY07OX	00	1	DCF	D8		34A		07 BIT PORT B	
19554		XA222	69											MBY04OX	02	MBY04OX	00	1	DCF	D2		33B		04 BIT PORT B	
19573		XA222	70			XA318	43			16B	9			MRD07P	02	MBY07OX	01	1	DCF	D8		35A			
19555		XA222	71			XA318	37			16B	9			MRD04P	02	MBY04OX	01	1	DCF	D2		34B			
19553		XA222	72			XA221	72			16B	9			MBREDA	09	MBY04DX	01	1	DCF	D1		36A			
19556		XA222	72										M	MBREDA	01	MBY05DX	01	1	DCF	D3		36A			
19563		XA222	72										M	MBREDA	01	MBY06DX	01	1	DCF	D5		36A			
19571		XA222	72										M	MBREDA	01	MBY07DX	01	1	DCF	D7		36A			
19558		XA222	73			XA224	33			16B	9			MRD05P	05	MBY05OX	01	1	DCF	D4		35B			
19565		XA222	74			XA318	50			16B	9			MRD06P	02	MBY06OX	01	1	DCF	D6		37A			
19559		XA222	75											MBY05OX	02	MBY05OX	00	1	DCF	D4		36B		05 BIT PORT B	
19566		XA222	76											MBY06OX	03	MBY06OX	00	1	DCF	D6		38A		06 BIT PORT B	
06178		XA222	77			XA222	67			16B	9			GROUND	27J				DCF						
19557		XA222	78			XA303	13			16B	9			MBY05DX	01	MBY05DX	00	1	DCF	D3		37B		05 BIT PORT B I/O	
06179		XA222	79										K	GROUND	28				DCF			40B			
19564		XA222	80			XA303	15			16B	9			MBY06DX	01	MBY06DX	00	1	DCF	D5		38B		06 BIT PORT B I/O	
19199		XA223	01			XA201	41			16B	9			MAY19DX	01	MAY19DX	00	1	DCF	A7		02A		19 BIT PORT A I/O	
06180		XA223	02											GND	01				DCF			01A			
06181		XA223	02										K	GROUND	28L				DCF			01A			
19201		XA223	03											MAY19OX	02	MAY19OX	00	1	DCF	A8		03A		19 BIT PORT A	
19202		XA223	04											MRD19P	06	MAY19OX	01	1	DCF	A8		04A			
06182		XA223	05			XA223	02			16B	9			GROUND	28C				DCF						
19187		XA223	06			XA224	06			16B	9			MAREDA	08	MAY16DX	01	1	DCF	A1		05A			
19191		XA223	06										M	MAREDA	01	MAY17DX	01	1	DCF	A3		05A			
19195		XA223	06										M	MAREDA	01	MAY18DX	01	1	DCF	A5		05A			
19200		XA223	06										M	MAREDA	01	MAY19DX	01	1	DCF	A7		05A			
19188		XA223	07			XA201	35			16B	9			MAY16DX	01	MAY16DX	00	1	DCF	A1		02B		16 BIT PORT A I/O	
19197		XA223	08											MRD18P	06	MAY18OX	01	1	DCF	A6		06A			
19189		XA223	09											MAY16OX	02	MAY16OX	00	1	DCF	A2		03B		16 BIT PORT A	
19198		XA223	10											MAY18OX	02	MAY18OX	00	1	DCF	A6		07A		18 BIT PORT A	
19190		XA223	11											MRD16P	06	MAY16OX	01	1	DCF	A2		04B			
06183		XA223	12											+5V	01				DCF			08A			
19193		XA223	13			XA221	51			16B	9			MRD17P	01	MAY17OX	01	1	DCF	A4		05B			

CONNECTOR (XA223) CONTINUED ON THE NEXT PAGE ****

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RECORD NUMBER	FROM PREFIX	FROM CONNECTOR	FROM PIN	FROM SH FO	TO PREFIX	TO CONNECTOR	TO PIN	TO SH FO	WIRE MULTI GROUP	WIRE CODE	WIRE COLOR	WIRE IDENT	SPC INST MISC	SIGNAL	SEQ NO	EQUATION	TERM	FACTOR	CKT OR CHIP TYPE	GMOD*	LOAD OR POWER PLANE	TEST POINTS END	TEST POINTS OP	SIGNAL DESCRIPTION	ECO NO
19196		XA223	14			XA201	39			16B	9			MAY18DX	01	MAY18DX	00	1	DCF	A5		08B		18 BIT PORT A I/O	
19194		XA223	15											MAY17OX	02	MAY17OX	00	1	DCF	A4		06B		17 BIT PORT A	
06184		XA223	16											GND	01				DCF						
06185		XA223	16			XA223	21			16B	9			GROUND	285				DCF						
19192		XA223	17			XA201	37			16B	9			MAY17DX	01	MAY17DX	00	1	DCF	A3		07B		17 BIT PORT A I/O	
06186		XA223	18											SPP	01				DCF						
06187		XA223	19			XA223	16			16B	9			GROUND	283				DCF						
06188		XA223	20											SPP	01				DCF						
06189		XA223	21										K	GROUND	29				DCF						
06190		XA223	22											SPP	01				DCF						
19215		XA223	23			XA201	49			16B	9			MAY23DX	01	MAY23DX	00	1	DCF	B7		10A		23 BIT PORT A I/O	
06191		XA223	24											SPP	01				DCF						
06192		XA223	25			XA223	32			16B	9			GROUND	29C				DCF						
06193		XA223	26											SPP	01				DCF						
19203		XA223	27			XA201	43			16B	9			MAY20DX	01	MAY20DX	00	1	DCF	B1		10B		20 BIT PORT A I/O	
06194		XA223	28											+5V	01				DCF			21B			
19205		XA223	29											MAY20OX	02	MAY20OX	00	1	DCF	B2		11B		20 BIT PORT A	
19217		XA223	30											MAY23OX	02	MAY23OX	00	1	DCF	B8		11A		23 BIT PORT A	
19206		XA223	31											MRD20P	06	MAY20OX	01	1	DCF	B2		12B			
06195		XA223	32											GND	01				DCF						
06196		XA223	32			XA223	39			16B	9			GROUND	29L				DCF						
19209		XA223	33											MRD21P	06	MAY21OX	01	1	DCF	B4		13B			
19218		XA223	34			XA221	70			16B	9			MRD23P	01	MAY23OX	01	1	DCF	B8		12A			
19210		XA223	35											MAY21OX	02	MAY21OX	00	1	DCF	B4		14B		21 BIT PORT A	
19204		XA223	36			XA222	06			16B	9			MAREDA	06	MAY20DX	01	1	DCF	B1		13A			
19207		XA223	36										M	MAREDA	01	MAY21DX	01	1	DCF	B3		13A			
19211		XA223	36										M	MAREDA	01	MAY22DX	01	1	DCF	B5		13A			
19216		XA223	36										M	MAREDA	01	MAY23DX	01	1	DCF	B7		13A			
19208		XA223	37			XA201	45			16B	9			MAY21DX	01	MAY21DX	00	1	DCF	B3		15B		21 BIT PORT A I/O	
19213		XA223	38			XA221	74			16B	9			MRD22P	01	MAY22OX	01	1	DCF	B6		14A			
06197		XA223	39										K	GROUND	293				DCF						
19214		XA223	40											MAY22OX	02	MAY22OX	00	1	DCF	B6		15A		22 BIT PORT A	
19212		XA223	41			XA201	47			16B	9			MAY22DX	01	MAY22DX	00	1	DCF	B5		16A		22 BIT PORT A I/O	
06198		XA223	42			XA223	44			16B	9			GROUND	295				DCF			20B			
19231		XA223	43			XA201	57			16B	9			MAY27DX	01	MAY27DX	00	1	DCF	C7		25A		27 BIT PORT A I/O	
06199		XA223	44											GND	01				DCF						
06200		XA223	44			XA223	45			16B	9			GROUND	30				DCF						
06201		XA223	45										K	GROUND	30C				DCF			27A			
19219		XA223	46			XA201	51			16B	9			MAY24DX	01	MAY24DX	00	1	DCF	C1		25B		24 BIT PORT A I/O	
19221		XA223	47											MAY24OX	02	MAY24OX	00	1	DCF	C2		26B		24 BIT PORT A	
19233		XA223	48			XA239	20			16B	9			MAY27OX	02	MAY27OX	00	1	DCF	C8		26A		27 BIT PORT A	
19222		XA223	49			XA326	21			16B	9			MRD24P	02	MAY24OX	01	1	DCF	C2		27B			
19234		XA223	50			XA220	04			16B	9			MRD27P	05	MAY27OX	01	1	DCF	C8		28A			
19225		XA223	51			XA220	13			16B	9			MRD25P	05	MAY25OX	01	1	DCF	C4		28B			
19220		XA223	52			XA224	52			16B	9			MAREDA	03	MAY24DX	01	1	DCF	C1		29A			
19223		XA223	52										M	MAREDA	01	MAY25DX	01	1	DCF	C3		29A			
19227		XA223	52										M	MAREDA	01	MAY26DX	01	1	DCF	C5		29A			
19232		XA223	52										M	MAREDA	01	MAY27DX	01	1	DCF	C7		29A			
06202		XA223	53			XA223	58			16B	9			GROUND	30L				DCF						
19229		XA223	54			XA326	33			16B	9			MRD26P	02	MAY26OX	01	1	DCF	C6		30A			

CONNECTOR XA223) CONTINUED ON THE NEXT PAGE ****

Litton DATA SYSTEMS

DRAWING NUMBER 149304-880 UNIT ASSEMBLY NO. 149304 REV G INDEX XA223

UNIT ASSEMBLY CARD CAGE WIRED, MCU CONNECTOR FILE IDENT T39AMCMU DATE 09-02-82 PAGE 191

RECORD NUMBER	FROM PREFIX	FROM CONNECTOR	FROM PIN	FROM SH FG	TO PREFIX	TO CONNECTOR	TO PIN	TO SH FG	WIRE MULTI GROUP	WIRE CODE	WIRE COLOR	WIRE IDENT	SPC INST WIRE	SIGNAL	SEQ NO	EQUATION	TERM	FACTOR	CKT OR CHIP TYPE	GROUP	LOAD OR POWER PLANE	TEST POINTS AND	TEST POINTS OR	SIGNAL DESCRIPTION	ECO NO
19224		XA223	55			XA201	53			16B	9			MAY25DX	01	MAY25DX	00	1	DCF	C3		30B		25 BIT PORT A I/O	
19226		XA223	56											MAY25OX	02	MAY25OX	00	1	DCF	C4		29B		25 BIT PORT A	
19230		XA223	57											MAY26OX	03	MAY26OX	00	1	DCF	C6		31A		26 BIT PORT A	
06203		XA223	58											GND	01				DCF						
06204		XA223	58			XA223	59			16B	9			GROUND	303				DCF						
06205		XA223	59										K	GROUND	305				DCF						
19228		XA223	60			XA201	55			16B	9			MAY26DX	01	MAY26DX	00	1	DCF	C5		31B		26 BIT PORT A I/O	
19247		XA223	61			XA201	65			16B	9			MAY31DX	01	MAY31DX	00	1	DCF	D7		33A		31 BIT PORT A I/O	
06206		XA223	62											SPP	01				DCF						
06207		XA223	63											SPP	01				DCF						
06208		XA223	64											SPP	01				DCF						
19235		XA223	65			XA201	59			16B	9			MAY28DX	01	MAY28DX	00	1	DCF	D1		32B		28 BIT PORT A I/O	
06209		XA223	66											SPP	01				DCF						
06210		XA223	67											GND	01				DCF						
06211		XA223	67			XA223	79			16B	9			GROUND	31C				DCF						
19249		XA223	68											MAY31OX	02	MAY31OX	00	1	DCF	D8		34A		31 BIT PORT A	
19237		XA223	69											MAY28OX	02	MAY28OX	00	1	DCF	D2		33B		28 BIT PORT A	
19250		XA223	70			XA220	34			16B	9			MRD31P	05	MAY31OX	01	1	DCF	D8		35A			
19238		XA223	71			XA326	45			16B	9			MRD28P	02	MAY28OX	01	1	DCF	D2		34B			
19236		XA223	72			XA223	52			16B	9			MAREDA	02	MAY28DX	01	1	DCF	D1		36A			
19239		XA223	72										M	MAREDA	01	MAY29DX	01	1	DCF	D3		36A			
19243		XA223	72										M	MAREDA	01	MAY30DX	01	1	DCF	D5		36A			
19248		XA223	72										M	MAREDA	01	MAY31DX	01	1	DCF	D7		36A			
19241		XA223	73			XA220	33			16B	9			MRD29P	05	MAY29OX	01	1	DCF	D4		35B			
19245		XA223	74			XA220	38			16B	9			MRD30P	05	MAY30OX	01	1	DCF	D6		37A			
19242		XA223	75											MAY29OX	02	MAY29OX	00	1	DCF	D4		36B		29 BIT PORT A	
19246		XA223	76											MAY30OX	02	MAY30OX	00	1	DCF	D6		38A		30 BIT PORT A	
06212		XA223	77			XA223	67			16B	9			GROUND	31				DCF						
19240		XA223	78			XA201	61			16B	9			MAY29DX	01	MAY29DX	00	1	DCF	D3		37B		29 BIT PORT A I/O	
06213		XA223	79										K	GROUND	311				DCF			40B			
19244		XA223	80			XA201	63			16B	9			MAY30DX	01	MAY30DX	00	1	DCF	D5		38B		30 BIT PORT A I/O	
19111		XA224	01			XA201	09			16B	9			MAY03DX	01	MAY03DX	00	1	DCF	A7		02A		03 BIT PORT A I/O	
06214		XA224	02											GND	01				DCF			01A			
06215		XA224	02										K	GROUND	315				DCF			01A			
19113		XA224	03											MAY03OX	02	MAY03OX	00	1	DCF	A8		03A		03 BIT PORT A	
19114		XA224	04			XA222	50			16B	9			MRD03P	01	MAY03OX	01	1	DCF	A8		04A			
06216		XA224	05			XA224	02			16B	9			GROUND	313				DCF						
19096		XA224	06			XA239	11			16B	9			MAREDA	09	MAY00DX	01	1	DCF	A1		05A			
19103		XA224	06										M	MAREDA	01	MAY01DX	01	1	DCF	A3		05A			
19107		XA224	06										M	MAREDA	01	MAY02DX	01	1	DCF	A5		05A			
19112		XA224	06										M	MAREDA	01	MAY03DX	01	1	DCF	A7		05A			
19097		XA224	07			XA201	03			16B	9			MAY00DX	01	MAY00DX	00	1	DCF	A1		02B		00 BIT PORT A I/O	
19109		XA224	08			XA222	54			16B	9			MRD02P	01	MAY02OX	01	1	DCF	A6		06A			
19098		XA224	09											MAY00OX	03	MAY00OX	00	1	DCF	A2		03B		00 BIT PORT A	
19110		XA224	10											MAY02OX	02	MAY02OX	00	1	DCF	A6		07A		02 BIT PORT A	
19099		XA224	11											MRD00P	06	MAY00OX	01	1	DCF	A2		04B			
06217		XA224	12											+5V	01				DCF			08A			
19105		XA224	13											MRD01P	06	MAY01OX	01	1	DCF	A4		05B			

CONNECTOR (XA224) CONTINUED ON THE NEXT PAGE ****

RECORD NUMBER	FROM PREFIX	FROM CONNECTOR	FROM PIN	FROM SH FG	TO PREFIX	TO CONNECTOR	TO PIN	TO SH FG	WIRE MULTI GROUP	WIRE CODE	WIRE COLOR	WIRE IDENT	SPC INST USE	SIGNAL	SEC NO	EQUATION	TERM	FACTOR	CKT OR CHIP TYPE	GROUP	LOAD OF POWER PLANE	TEST POINTS AND	TEST POINTS OR	SIGNAL DESCRIPTION	ECO NO
19108		XA224	14			XA201	07			16B	9			MAY02DX	01	MAY02DX	00	1	DCF	A5		08B		02 BIT PORT A I/O	
19106		XA224	15											MAY01DX	03	MAY01DX	00	1	DCF	A4		06B		01 BIT PORT A	
06218		XA224	16											GND	01				DCF						
06219		XA224	16			XA224	21			16B	9			GROUND	32C				DCF						
19104		XA224	17			XA201	05			16B	9			MAY01DX	01	MAY01DX	00	1	DCF	A3		07B		01 BIT PORT A I/O	
06220		XA224	18											SPP	01				DCF						
06221		XA224	19			XA224	16			16B	9			GROUND	32				DCF						
06222		XA224	20											SPP	01				DCF						
06223		XA224	21										K	GROUND	32L				DCF						
06224		XA224	22											SPP	01				DCF						
19133		XA224	23			XA201	17			16B	9			MAY07DX	01	MAY07DX	00	1	DCF	B7		10A		07 BIT PORT A I/O	
06225		XA224	24											SPP	01				DCF						
06226		XA224	25			XA224	32			16B	9			GROUND	323				DCF						
06227		XA224	26											SPP	01				DCF						
19115		XA224	27			XA201	11			16B	9			MAY04DX	01	MAY04DX	00	1	DCF	B1		10B		04 BIT PORT A I/O	
06228		XA224	28											+5V	01				DCF			21B			
19117		XA224	29											MAY04OX	02	MAY04OX	00	1	DCF	B2		11B		04 BIT PORT A	
19135		XA224	30											MAY07OX	03	MAY07OX	00	1	DCF	B8		11A		07 BIT PORT A	
19118		XA224	31			XA222	71			16B	9			MRD04P	01	MAY04OX	01	1	DCF	B2		12B			
06229		XA224	32											GND	01				DCF						
06230		XA224	32			XA224	39			16B	9			GROUND	325				DCF						
19121		XA224	33											MRD05P	06	MAY05OX	01	1	DCF	B4		13B			
19136		XA224	34			XA222	70			16B	9			MRD07P	01	MAY07OX	01	1	DCF	B8		12A			
19122		XA224	35											MAY05OX	02	MAY05OX	00	1	DCF	B4		14B		05 BIT PORT A	
19116		XA224	36			XA223	36			16B	9			MAREDA	05	MAY04DX	01	1	DCF	B1		13A			
19119		XA224	36										M	MAREDA	01	MAY05DX	01	1	DCF	B3		13A			
19126		XA224	36										M	MAREDA	01	MAY06DX	01	1	DCF	B5		13A			
19134		XA224	36										M	MAREDA	01	MAY07DX	01	1	DCF	B7		13A			
19120		XA224	37			XA201	13			16B	9			MAY05DX	01	MAY05DX	00	1	DCF	B3		15B		05 BIT PORT A I/O	
19128		XA224	38			XA222	74			16B	9			MRD06P	01	MAY06OX	01	1	DCF	B6		14A			
06231		XA224	39										K	GROUND	33				DCF						
19129		XA224	40											MAY06OX	03	MAY06OX	00	1	DCF	B6		15A		06 BIT PORT A	
19127		XA224	41			XA201	15			16B	9			MAY06DX	01	MAY06DX	00	1	DCF	B5		16A		06 BIT PORT A I/O	
06232		XA224	42			XA224	44			16B	9			GROUND	33C				DCF			20B			
19161		XA224	43			XA201	25			16B	9			MAY11DX	01	MAY11DX	00	1	DCF	C7		25A		11 BIT PORT A I/O	
06233		XA224	44											GND	01				DCF						
06234		XA224	44			XA224	45			16B	9			GROUND	33L				DCF						
06235		XA224	45										K	GROUND	333				DCF			27A			
19140		XA224	46			XA201	19			16B	9			MAY08DX	01	MAY08DX	00	1	DCF	C1		25B		08 BIT PORT A I/O	
19142		XA224	47											MAY08OX	03	MAY08OX	00	1	DCF	C2		26B		08 BIT PORT A	
19163		XA224	48											MAY11OX	04	MAY11OX	00	1	DCF	C8		26A		11 BIT PORT A	
19143		XA224	49			XA221	11			16B	9			MRD08P	05	MAY08OX	01	1	DCF	C2		27B			
19164		XA224	50			XA325	09			16B	9			MRD11P	02	MAY11OX	01	1	DCF	C8		28A			
19149		XA224	51			XA221	13			16B	9			MRD09P	05	MAY09OX	01	1	DCF	C4		28B			
19141		XA224	52			XA224	36			16B	9			MAREDA	04	MAY08DX	01	1	DCF	C1		29A			
19147		XA224	52										M	MAREDA	01	MAY09DX	01	1	DCF	C3		29A			
19154		XA224	52										M	MAREDA	01	MAY10DX	01	1	DCF	C5		29A			
19162		XA224	52										M	MAREDA	01	MAY11DX	01	1	DCF	C7		29A			
06236		XA224	53			XA224	58			16B	9			GROUND	335				DCF						
19156		XA224	54			XA325	11			16B	9			MRD10P	02	MAY10OX	01	1	DCF	C6		30A			

CONNECTOR XA224 CONTINUED ON THE NEXT PAGE ****

Litton DATA SYSTEMS

DRAWING NUMBER 149304-880 UNIT ASSEMBLY NO. 149304 REV G INDEX XA224

UNIT ASSEMBLY CARD CAGE WIRED, MCU CONNECTOR FILE IDENT T39AMCMU DATE 09-02-82 PAGE 193

RECORD NUMBER	FROM PREFIX	FROM CONNECTOR	FROM PIN	FROM SHEG	TO PREFIX	TO CONNECTOR	TO PIN	TO SHEG	WIRE MULTI GROUP	WIRE CODE	WIRE COLOR	WIRE IDENT	SPEC INST MISC	SIGNAL	SEQ NO	EQUATION	TERM	FACTOR	CKT OR CHIP TYPE	GROUP	LOAD OR POWER PLANE	TEST POINTS AND/OR	SIGNAL DESCRIPTION	ECO NO
19148		XA224	55			XA201	21			16B	9			MAY09DX	01	MAY09DX	00	1	DCF	C3		30B	09 BIT PORT A I/O	
19150		XA224	56											MAY09QX	03	MAY09QX	00	1	DCF	C4		29B	09 BIT PORT A	
19157		XA224	57											MAY10QX	04	MAY10QX	00	1	DCF	C6		31A	10 BIT PORT A	
06237		XA224	58											GND	01				DCF					
06238		XA224	58			XA224	59			16B	9			GROUND	34				DCF					
06239		XA224	59										K	GROUND	34C				DCF					
19155		XA224	60											MAY10DX	02	MAY10DX	00	1	DCF	C5		31B	10 BIT PORT A I/O	
19183		XA224	61			XA201	33			16B	9			MAY15DX	01	MAY15DX	00	1	DCF	D7		33A	15 BIT PORT A I/O	
06240		XA224	62											SPP	01				DCF					
06241		XA224	63											SPP	01				DCF					
06242		XA224	64											SPP	01				DCF					
19168		XA224	65											MAY12DX	02	MAY12DX	00	1	DCF	D1		32B	12 BIT PORT A I/O	
06243		XA224	66											SPP	01				DCF					
06244		XA224	67											GND	01				DCF					
06245		XA224	67			XA224	79			16B	9			GROUND	343				DCF					
19185		XA224	68											MAY15QX	02	MAY15QX	00	1	DCF	D8		34A	15 BIT PORT A	
19170		XA224	69											MAY12QX	04	MAY12QX	00	1	DCF	D2		33B	12 BIT PORT A	
19186		XA224	70			XA325	33			16B	9			MRD15P	02	MAY15QX	01	1	DCF	D8		35A		
19171		XA224	71			XA325	23			16B	9			MRD12P	02	MAY12QX	01	1	DCF	D2		34B		
19169		XA224	72			XA223	72			16B	9			MAREDA	01	MAY12DX	01	1	DCF	D1		36A		
19175		XA224	72										M	MAREDA	01	MAY13DX	01	1	DCF	D3		36A		
19179		XA224	72										M	MAREDA	01	MAY14DX	01	1	DCF	D5		36A		
19184		XA224	72										M	MAREDA	01	MAY15DX	01	1	DCF	D7		36A		
19177		XA224	73			XA325	21			16B	9			MRD13P	02	MAY13QX	01	1	DCF	D4		35B		
19181		XA224	74			XA325	35			16B	9			MRD14P	02	MAY14QX	01	1	DCF	D6		37A		
19178		XA224	75											MAY13QX	04	MAY13QX	00	1	DCF	D4		36B	13 BIT PORT A	
19182		XA224	76											MAY14QX	02	MAY14QX	00	1	DCF	D6		38A	14 BIT PORT A	
06246		XA224	77			XA224	67			16B	9			GROUND	34L				DCF					
19176		XA224	78			XA201	29			16B	9			MAY13DX	01	MAY13DX	00	1	DCF	D3		37B	13 BIT PORT A I/O	
06247		XA224	79										K	GROUND	345				DCF			40B		
19180		XA224	80			XA201	31			16B	9			MAY14DX	01	MAY14DX	00	1	DCF	D5		38B	14 BIT PORT A I/O	
22327		XA225	01			XA225	29			16B	9			MRA29P	01	MUA01A	01	1	TT3	A2		02B		
06248		XA225	02											GND	01				TT3			01B		
22328		XA225	03			XA225	08			16B	9			MRA28Q	04	MUA01A	01	2	TT3	A2		02A		
22320		XA225	04											MUA00A	02	MUA00A	00	1	TT3	A1		04A	BIT D ADR DEC 0 *	
22329		XA225	05			XA225	10			16B	9			MRA27Q	03	MUA01A	01	3	TT3	A2		03B		
22321		XA225	06			XA225	09			16B	9			MRA29Q	02	MUA00A	01	1	TT3	A1		05A		
22330		XA225	07											MUA01A	02	MUA01A	00	1	TT3	A2		03A	BIT D ADR DEC 1 *	
22322		XA225	08											MRA28Q	05	MUA00A	01	2	TT3	A1		06A		
22334		XA225	09			XA225	14			16B	9			MRA29Q	03	MUA02A	01	1	TT3	A3		04B		
22323		XA225	10			XA230	07			16B	9			MRA27Q	04	MUA00A	01	3	TT3	A1		07A		
22335		XA225	11			XA225	40			16B	9			MRA28P	01	MUA02A	01	2	TT3	A3		05B		
06249		XA225	12											+5V	01				TT3					
22336		XA225	13			XA225	05			16B	9			MRA27Q	02	MUA02A	01	3	TT3	A3		06B		
22348		XA225	14			XA225	38			16B	9			MRA29Q	04	MUA04A	01	1	TT3	B2		09A		
22337		XA225	15											MUA02A	02	MUA02A	00	1	TT3	A3		07B	BIT D ADR DEC 2 *	
06250		XA225	16											GND	01				TT3			21B		
22349		XA225	17			XA225	03			16B	9			MRA28Q	03	MUA04A	01	2	TT3	B2		08B		

CONNECTOR XA225 CONTINUED ON THE NEXT PAGE ****

RECORD NUMBER	FROM PREFIX	FROM CONNECTOR	FROM PIN	FROM SH FG	TO PREFIX	TO CONNECTOR	TO PIN	TO SH FG	WIRE MULTI GROUP	WIRE CODE	WIRE COLOR	WIRE IDENT	SPC INST MISC	SIGNAL	SEQ NO	EQUATION	TERM	FACTOR	CKT OR CHIP TYPE	GROUP	LOAD OF POWER PLANE	TEST POINTS AND OR	SIGNAL DESCRIPTION	ECO NO
22350		XA225	18			XA230	09			16B	9			MRA27P	04	MUA04A	01	3	TT3	B2		10A		
22351		XA225	19			XA216	68			16B	9			MUA04A	01	MUA04A	00	1	TT3	B2		09B	BIT D ADR DEC 4 *	
22341		XA225	20			XA216	47			16B	9			MUA03A	01	MUA03A	00	1	TT3	B1		11A	BIT D ADR DEC 3 *	
22355		XA225	21			XA225	22			16B	9			MRA29P	03	MUA05A	01	1	TT3	B3		10B		
22342		XA225	22			XA230	21			16B	9			MRA29P	04	MUA03A	01	1	TT3	B1		12A		
22356		XA225	23			XA225	17			16B	9			MRA28Q	02	MUA05A	01	2	TT3	B3		11B		
22343		XA225	24			XA230	23			16B	9			MRA28P	04	MUA03A	01	2	TT3	B1		13A		
22357		XA225	25			XA225	18			16B	9			MRA27P	03	MUA05A	01	3	TT3	B3		12B		
22344		XA225	26			XA225	13			16B	9			MRA27Q	01	MUA03A	01	3	TT3	B1		14A		
22358		XA225	27			XA216	62			16B	9			MUA05A	01	MUA05A	00	1	TT3	B3		13B	BIT D ADR DEC 5 *	
06251		XA225	28											+5V	01				TT3					
22369		XA225	29			XA225	21			16B	9			MRA29P	02	MUA07A	01	1	TT3	C2		14B		
22370		XA225	30			XA225	24			16B	9			MRA28P	03	MUA07A	01	2	TT3	C2		15A		
22371		XA225	31			XA216	59			16B	9			MUA07A	01	MUA07A	00	1	TT3	C2		15B	BIT D ADR DEC 7 *	
06252		XA225	32											GND	01				TT3			27A		
22528		XA225	33			XA229	25			16B	9			MRA16Q	04	MUB00A	01	1	TT3	C3		16B		
22372		XA225	34			XA225	25			16B	9			MRA27P	02	MUA07A	01	3	TT3	C2		16A		
22529		XA225	35			XA225	54			16B	9			MRA15Q	02	MUB00A	01	2	TT3	C3		17B		
22362		XA225	36			XA216	53			16B	9			MUA06A	01	MUA06A	00	1	TT3	C1		17A	BIT D ADR DEC 6 *	
22530		XA225	37			XA229	13			16B	9			MRA14Q	04	MUB00A	01	3	TT3	C3		18B		
22363		XA225	38											MRA29Q	05	MUA06A	01	1	TT3	C1		18A		
22531		XA225	39			XA216	77			16B	9			MUB00A	01	MUB00A	00	1	TT3	C3		19B	BIT B ADR DEC 0 *	
22364		XA225	40			XA225	30			16B	9			MRA28P	02	MUA06A	01	2	TT3	C1		19A		
22542		XA225	41			XA225	33			16B	9			MRA16Q	03	MUB02A	01	1	TT3	D2		22B		
22365		XA225	42			XA225	34			16B	9			MRA27P	01	MUA06A	01	3	TT3	C1		20A		
22543		XA225	43			XA216	65			16B	9			MUB02A	01	MUB02A	00	1	TT3	D2		23B	BIT B ADR DEC 2 *	
06253		XA225	44											GND	01				TT3			40A		
22549		XA225	45			XA225	52			16B	9			MRA16P	02	MUB03A	01	1	TT3	D3		24B		
22544		XA225	46			XA229	09			16B	9			MRA15P	04	MUB02A	01	2	TT3	D2		21A		
22550		XA225	47			XA225	46			16B	9			MRA15P	03	MUB03A	01	2	TT3	D3		25B		
22545		XA225	48			XA225	49			16B	9			MRA14Q	02	MUB02A	01	3	TT3	D2		22A		
22551		XA225	49			XA225	37			16B	9			MRA14Q	03	MUB03A	01	3	TT3	D3		26B		
22535		XA225	50			XA216	71			16B	9			MUB01A	01	MUB01A	00	1	TT3	D1		23A	BIT B ADR DEC 1 *	
22552		XA225	51			XA216	76			16B	9			MUB03A	01	MUB03A	00	1	TT3	D3		27B	BIT B ADR DEC 3 *	
22536		XA225	52			XA225	53			16B	9			MRA16P	03	MUB01A	01	1	TT3	D1		24A		
22563		XA225	53			XA225	75			16B	9			MRA16P	04	MUB05A	01	1	TT3	E2		28B		
22537		XA225	54			XA225	60			16B	9			MRA15Q	03	MUB01A	01	2	TT3	D1		25A		
22564		XA225	55											MUB05A	02	MUB05A	00	1	TT3	E2		29B	BIT B ADR DEC 5 *	
22538		XA225	56			XA225	48			16B	9			MRA14Q	01	MUB01A	01	3	TT3	D1		26A		
22570		XA225	57			XA225	41			16B	9			MRA16Q	02	MUB06A	01	1	TT3	E3		30B		
06254		XA225	58											GND	01				TT3			40B		
22571		XA225	59			XA225	47			16B	9			MRA15P	02	MUB06A	01	2	TT3	E3		31B		
22565		XA225	60			XA225	68			16B	9			MRA15Q	04	MUB05A	01	2	TT3	E2		28A		
22572		XA225	61			XA225	62			16B	9			MRA14P	03	MUB06A	01	3	TT3	E3		32B		
22566		XA225	62			XA229	11			16B	9			MRA14P	04	MUB05A	01	3	TT3	E2		29A		
22573		XA225	63											MUB06A	02	MUB06A	00	1	TT3	E3		33B	BIT B ADR DEC 6 *	
22556		XA225	64											MUB04A	02	MUB04A	00	1	TT3	E1		30A	BIT B ADR DEC 4 *	
21150		XA225	65			XA225	69			16B	9			MDDDJA6	00C	MPMRA0	01	1	TT3	E2		34B		
22557		XA225	66			XA225	57			16B	9			MRA16Q	01	MUB04A	01	1	TT3	E1		31A		
06255		XA225	67											GND	01				TT3					
CONNECTOR XA225																								

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RECORD NUMBER	FROM PREFIX	FROM CONNECTOR	FROM PIN	FROM SH FG	TO PREFIX	TO CONNECTOR	TO PIN	TO SH FG	WIRE MULTI GROUP	WIRE CODE	WIRE COLOR	WIRE IDENT	SPEC INST WIRE	SIGNAL	SEQ NO	EQUATION	TERM	FACTOR	CKT OR CHIP TYPE	GROUP	LOAD OR POWER PLANE	TEST POINTS AND	TEST POINTS OR	SIGNAL DESCRIPTION	ECO NO
22558		XA225	68											MRA15Q	05	MUB04A	01	2	TT3	E1		32A			
22054		XA225	69			XA238	50			16B	9			MDDDJA4	001	MTAMR0	01	1	TT3	F3		35A			
22559		XA225	70			XA225	61			16B	9			MRA14P	02	MUB04A	01	3	TT3	E1		33A			
21151		XA225	71			XA236	76			16B	9			MWOFFR	005	MPMRA0	01	2	TT3	F2		36A			
21152		XA225	72			XA225	76			16B	9			MRSETA	02	MPMRA0	01	3	TT3	F2		34A			
22577		XA225	73											MUB07A	02	MUB07A	00	1	TT3	F1		36B		BIT 8 ADR DEC 7 *	
21153		XA225	74			XA236	41			16B	9			MPMRA0	01	MPMRA0	00	1	TT3	F2		35B		MEM RST	
22578		XA225	75											MRA16P	05	MUB07A	01	1	TT3	F1		37B			
22055		XA225	76											MRSETA	03	MTAMR0	01	2	TT3	F3		37A			
22579		XA225	77			XA225	59			16B	9			MRA15P	01	MUB07A	01	2	TT3	F1		38B			
22056		XA225	78											SPI009	17	MTAMR0	01	3	TT3	F3		38A			
22580		XA225	79			XA225	70			16B	9			MRA14P	01	MUB07A	01	3	TT3	F1		39B			
22057		XA225	80			XA234	24			16B	9			MTAMR0	01	MTAMR0	00	1	TT3	F3		39A		TIM GEN RESET	
23053		XA226	01			XA227	01			16B	9			MRW240	01	MWA01A	01	1	TD4	A2		02B			
06256		XA226	02											GND	01				TD4			01A			
06257		XA226	03											DNW	01				TD4						
23054		XA226	04			XA227	04			16B	9			MRW23A	07	MWA01A	01	2	TD4	A2		04A			
23055		XA226	05			XA226	10			16B	9			MRW22A	08	MWA01A	01	3	TD4	A2		03B			
23048		XA226	06			XA227	06			16B	9			MRW24A	01	MWA00A	01	1	TD4	A1		05A			
23056		XA226	07											MRW21A	11	MWA01A	01	4	TD4	A2		03A			
23049		XA226	08			XA226	04			16B	9			MRW23A	06	MWA00A	01	2	TD4	A1		06A			
23057		XA226	09			XA518	25			16B	9			MWA01A	01	MWA01A	00	1	TD4	A2		04B		WORD D DEC 01 ADR*	
23050		XA226	10			XA132	63			16B	9			MRW22A	09	MWA00A	01	3	TD4	A1		07A			
23051		XA226	11			XA518	18			16B	9			MWA00A	01	MWA00A	00	1	TD4	A1		05B		WORD D DEC 00 ADR*	
06258		XA226	12											+5V	01				TD4						
23052		XA226	13			XA226	07			16B	9			MRW21A	10	MWA00A	01	4	TD4	A1		06B			
23063		XA226	14			XA226	30			16B	9			MRW240	04	MWA03A	01	1	TD4	B2		09A			
06259		XA226	15											DNW	01				TD4						
06260		XA226	16											GND	01				TD4			20B			
06261		XA226	17											DNW	01				TD4						
23064		XA226	18			XA226	24			16B	9			MRW230	03	MWA03A	01	2	TD4	B2		10A			
23065		XA226	19			XA226	05			16B	9			MRW22A	07	MWA03A	01	3	TD4	B2		09B			
23066		XA226	20			XA226	13			16B	9			MRW21A	09	MWA03A	01	4	TD4	B2		11A			
23067		XA226	21			XA518	34			16B	9			MWA03A	01	MWA03A	00	1	TD4	B2		10B		WORD D DEC 03 ADR*	
23058		XA226	22			XA226	37			16B	9			MRW24A	04	MWA02A	01	1	TD4	B1		12A			
23059		XA226	23			XA518	26			16B	9			MWA02A	01	MWA02A	00	1	TD4	B1		11B		WORD D DEC 02 ADR*	
23060		XA226	24			XA226	46			16B	9			MRW230	04	MWA02A	01	2	TD4	B1		13A			
23061		XA226	25			XA226	19			16B	9			MRW22A	06	MWA02A	01	3	TD4	B1		12B			
23062		XA226	26			XA226	20			16B	9			MRW21A	08	MWA02A	01	4	TD4	B1		14A			
06262		XA226	27											DNW	01				TD4						
06263		XA226	28											+5V	01				TD4						
06264		XA226	29											DNW	01				TD4						
23073		XA226	30			XA226	43			16B	9			MRW240	05	MWA05A	01	1	TD4	C2		15A			
23074		XA226	31			XA226	08			16B	9			MRW23A	05	MWA05A	01	2	TD4	C2		15B			
06265		XA226	32											GND	01				TD4			21B			
23075		XA226	33			XA518	72			16B	9			MWA05A	01	MWA05A	00	1	TD4	C2		16B		WORD D DEC 05 ADR*	
23076		XA226	34			XA226	40			16B	9			MRW220	05	MWA05A	01	3	TD4	C2		16A			
23068		XA226	35			XA518	64			16B	9			MWA04A	01	MWA04A	00	1	TD4	C1		17B		WORD D DEC 04 ADR*	

CONNECTOR (XA226) CONTINUED ON THE NEXT PAGE ****

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DRAWING NUMBER 149304-880 UNIT ASSEMBLY NO. 149304 REV G INDEX XA226

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RECORD NUMBER	FROM PREFIX	FROM CONNECTOR	FROM PIN	FROM SH FG	TO PREFIX	TO CONNECTOR	TO PIN	TO SH FG	WIRE MULTI GROUP	WIRE CODE	WIRE COLOR	WIRE IDENT	SPEC INST MISC	SIGNAL	SEC NO	EQUATION	TERM	FACTOR	CKT OR CHIP TYPE	GROUP	LOAD CO POWER PLANE	TEST POINTS ANC	TEST POINTS OR	SIGNAL DESCRIPTION	ECO NO
23077		XA226	36			XA226	26			16B	9			MRW21A	07	MWA05A	01	4	TD4	C2		17A			
23069		XA226	37			XA226	49			16B	9			MRW24A	05	MWA04A	01	1	TD4	C1		18B			
23070		XA226	38			XA226	31			16B	9			MRW23A	04	MWA04A	01	2	TD4	C1		18A			
06266		XA226	39											DNW	01				TD4						
23071		XA226	40			XA226	48			16B	9			MRW22O	06	MWA04A	01	3	TD4	C1		19A			
06267		XA226	41											DNW	01				TD4						
23072		XA226	42			XA226	36			16B	9			MRW21A	06	MWA04A	01	4	TD4	C1		20A			
23083		XA226	43			XA226	55			16B	9			MRW24O	06	MWA07A	01	1	TD4	D2		23B			
06268		XA226	44											GND	01				TD4			27A			
23084		XA226	45			XA518	74			16B	9			MWA07A	01	MWA07A	00	1	TD4	D2		24B		WORD D DEC 07 ADR*	
23085		XA226	46			XA226	52			16B	9			MRW23O	05	MWA07A	01	2	TD4	D2		21A			
23078		XA226	47			XA518	70			16B	9			MWA06A	01	MWA06A	00	1	TD4	D1		25B		WORD D DEC 06 ADR*	
23086		XA226	48			XA226	54			16B	9			MRW22O	07	MWA07A	01	3	TD4	D2		22A			
23079		XA226	49			XA226	61			16B	9			MRW24A	06	MWA06A	01	1	TD4	D1		26B			
23087		XA226	50			XA226	42			16B	9			MRW21A	05	MWA07A	01	4	TD4	D2		23A			
06269		XA226	51											DNW	01				TD4						
23080		XA226	52			XA226	72			16B	9			MRW23O	06	MWA06A	01	2	TD4	D1		24A			
06270		XA226	53											DNW	01				TD4						
23081		XA226	54											MRW22O	08	MWA06A	01	3	TD4	D1		25A			
23093		XA226	55			XA226	71			16B	9			MRW24O	07	MWA09A	01	1	TD4	E2		29B			
23082		XA226	56			XA226	50			16B	9			MRW21A	04	MWA06A	01	4	TD4	D1		26A			
23094		XA226	57			XA520	25			16B	9			MWA09A	01	MWA09A	00	1	TD4	E2		30B		WORD D DEC 09 ADR*	
06271		XA226	58											GND	01				TD4			40A			
23088		XA226	59			XA520	18			16B	9			MWA08A	01	MWA08A	00	1	TD4	E1		31B		WORD D DEC 08 ADR*	
23095		XA226	60			XA226	38			16B	9			MRW23A	03	MWA09A	01	2	TD4	E2		28A			
23089		XA226	61			XA226	75			16B	9			MRW24A	07	MWA08A	01	1	TD4	E1		32B			
23096		XA226	62			XA226	25			16B	9			MRW22A	05	MWA09A	01	3	TD4	E2		29A			
06272		XA226	63											DNW	01				TD4						
23097		XA226	64			XA227	07			16B	9			MRW21O	04	MWA09A	01	4	TD4	E2		30A			
06273		XA226	65											DNW	01				TD4						
23090		XA226	66			XA226	60			16B	9			MRW23A	02	MWA08A	01	2	TD4	E1		31A			
06274		XA226	67											GND	01				TD4			40B			
23091		XA226	68			XA226	62			16B	9			MRW22A	04	MWA08A	01	3	TD4	E1		32A			
23103		XA226	69			XA520	34			16B	9			MWA11A	01	MWA11A	00	1	TD4	F2		35A		WORD D DEC 11 ADR*	
23092		XA226	70			XA226	64			16B	9			MRW21O	03	MWA08A	01	4	TD4	E1		33A			
23104		XA226	71											MRW24O	08	MWA11A	01	1	TD4	F2		36A			
23105		XA226	72			XA226	77			16B	9			MRW23O	08	MWA11A	01	2	TD4	F2		34A			
23106		XA226	73			XA226	68			16B	9			MRW22A	03	MWA11A	01	3	TD4	F2		36B			
23107		XA226	74			XA226	70			16B	9			MRW21O	02	MWA11A	01	4	TD4	F2		35B			
23098		XA226	75											MRW24A	08	MWA10A	01	1	TD4	F1		37B			
23099		XA226	76			XA520	26			16B	9			MWA10A	01	MWA10A	00	1	TD4	F1		37A		WORD D DEC 10 ADR*	
23100		XA226	77											MRW23O	09	MWA10A	01	2	TD4	F1		38B			
23101		XA226	78			XA226	73			16B	9			MRW22A	02	MWA10A	01	3	TD4	F1		38A			
23102		XA226	79			XA226	74			16B	9			MRW21O	01	MWA10A	01	4	TD4	F1		39B			
06275		XA226	80											DNW	01				TD4						
23113		XA227	01			XA227	14			16B	9			MRW24O	02	MWA13A	01	1	TD4	A2		02B			
06276		XA227	02											GND	01				TD4			01A			
06277		XA227	03											DNW	01				TD4						

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DRAWING NUMBER 149304-880 UNIT ASSEMBLY NO. 149304 REV G INDEX XA227

UNIT ASSEMBLY CARD CAGE WIRED, MCU CONNECTOR FILE IDENT T39AMCMU DATE 09-02-82 PAGE 197

RECORD NUMBER	FROM PREFIX	FROM CONNECTOR	FROM PIN	FROM SH FG	TO PREFIX	TO CONNECTOR	TO PIN	TO SH FG	WIRE MULTI GROUP	WIRE CODE	WIRE COLOR	WIRE IDENT	SPEC INST MISC	SIGNAL	SFC NO	EQUATION	TERM	FACTOR	CKT OR CHIP TYPE	GROUP	LOAD OR POWER FLANE	TEST POINTS AND	TEST POINTS OR	SIGNAL DESCRIPTION	ECO NO
23114		XA227	04			XA227	08			16B	9			MRW23A	08	MWA13A	01	2	TD4	A2		04A			
23115		XA227	05			XA227	19			16B	9			MRW220	02	MWA13A	01	3	TD4	A2		03B			
23108		XA227	06			XA227	22			16B	9			MRW24A	02	MWA12A	01	1	TD4	A1		05A			
23116		XA227	07			XA227	13			16B	9			MRW210	05	MWA13A	01	4	TD4	A2		03A			
23109		XA227	08			XA132	72			16B	9			MRW23A	09	MWA12A	01	2	TD4	A1		06A			
23117		XA227	09			XA520	72			18B	9			MWA13A	01	MWA13A	00	1	TD4	A2		04B		WORD D DEC 13 ADR*	
23110		XA227	10			XA227	05			16B	9			MRW220	01	MWA12A	01	3	TD4	A1		07A			
23111		XA227	11			XA520	64			16B	9			MWA12A	01	MWA12A	00	1	TD4	A1		05B		WORD D DEC 12 ADR*	
06278		XA227	12											+5V	01				TD4						
23112		XA227	13			XA227	20			16B	9			MRW210	06	MWA12A	01	4	TD4	A1		06B			
23123		XA227	14			XA226	14			16B	9			MRW240	03	MWA15A	01	1	TD4	B2		09A			
06279		XA227	15											DNW	01				TD4						
06280		XA227	16											GND	01				TD4			20B			
06281		XA227	17											DNW	01				TD4						
23124		XA227	18			XA226	18			16B	9			MRW230	02	MWA15A	01	2	TD4	B2		10A			
23125		XA227	19			XA227	25			16B	9			MRW220	03	MWA15A	01	3	TD4	B2		09B			
23126		XA227	20			XA227	26			16B	9			MRW210	07	MWA15A	01	4	TD4	B2		11A			
23127		XA227	21			XA520	74			16B	9			MWA15A	01	MWA15A	00	1	TD4	B2		10B		WORD D DEC 15 ADR*	
23118		XA227	22			XA226	22			16B	9			MRW24A	03	MWA14A	01	1	TD4	B1		12A			
23119		XA227	23			XA520	70			16B	9			MWA14A	01	MWA14A	00	1	TD4	B1		11B		WORD D DEC 14 ADR*	
23120		XA227	24			XA227	18			16B	9			MRW230	01	MWA14A	01	2	TD4	B1		13A			
23121		XA227	25			XA226	34			16B	9			MRW220	04	MWA14A	01	3	TD4	B1		12B			
23122		XA227	26			XA132	66			16B	9			MRW210	08	MWA14A	01	4	TD4	B1		14A			
06282		XA227	27											DNW	01				TD4						
06283		XA227	28											+5V	01				TD4						
06284		XA227	29											DNW	01				TD4						
23133		XA227	30			XA228	14			16B	9			MRW200	07	MWB01A	01	1	TD4	C2		15A			
23134		XA227	31			XA228	31			16B	9			MRW19A	03	MWB01A	01	2	TD4	C2		15B			
06285		XA227	32											GND	01				TD4			21B			
23135		XA227	33											MWB01A	09	MWB01A	00	1	TD4	C2		16B		WORD B DEC 01 ADR*	
23136		XA227	34			XA227	40			16B	9			MRW18A	05	MWB01A	01	3	TD4	C2		16A			
23128		XA227	35			XA518	04			16B	9			MWB00A	01	MWB00A	00	1	TD4	C1		17B		WORD B DEC 00 ADR*	
23137		XA227	36			XA227	42			16B	9			MRW17A	02	MWB01A	01	4	TD4	C2		17A			
23129		XA227	37			XA228	22			16B	9			MRW20A	07	MWB00A	01	1	TD4	C1		18B			
23130		XA227	38			XA227	60			16B	9			MRW19A	07	MWB00A	01	2	TD4	C1		18A			
06286		XA227	39											DNW	01				TD4						
23131		XA227	40			XA227	48			16B	9			MRW18A	06	MWB00A	01	3	TD4	C1		19A			
06287		XA227	41											DNW	01				TD4						
23132		XA227	42			XA227	50			16B	9			MRW17A	03	MWB00A	01	4	TD4	C1		20A			
23143		XA227	43			XA228	43			16B	9			MRW200	03	MWB03A	01	1	TD4	D2		23B			
06288		XA227	44											GND	01				TD4			27A			
23144		XA227	45			XA518	05			16B	9			MWB03A	01	MWB03A	00	1	TD4	D2		24B		WORD B DEC 03 ADR*	
23145		XA227	46			XA227	72			16B	9			MRW190	07	MWB03A	01	2	TD4	D2		21A			
23138		XA227	47			XA518	10			16B	9			MWB02A	01	MWB02A	00	1	TD4	D1		25B		WORD B DEC 02 ADR*	
23146		XA227	48			XA227	54			16B	9			MRW18A	08	MWB03A	01	3	TD4	D2		22A			
23139		XA227	49			XA228	49			16B	9			MRW20A	03	MWB02A	01	1	TD4	D1		26B			
23147		XA227	50			XA227	56			16B	9			MRW17A	04	MWB03A	01	4	TD4	D2		23A			
06289		XA227	51											DNW	01				TD4						
23140		XA227	52			XA227	46			16B	9			MRW190	06	MWB02A	01	2	TD4	D1		24A			
06290		XA227	53											DNW	01				TD4						

CONNECTOR (XA227) CONTINUED ON THE NEXT PAGE ****

RECORD NUMBER	FROM PREFIX	FROM CONNECTOR	FROM PIN	SH FR	TO PREFIX	TO CONNECTOR	TO PIN	SH FR	WIRE MULTI GROUP	WIRE CODE	WIRE COLOR	WIRE IDENT	SPC INST MISC	SIGNAL	SEQ NO	EQUATION	TERM	FACTOR	CKT OR CHIP TYPE	GROUP	LOAD OR POWER PLANE	TEST POINTS AND	TEST POINTS OR	SIGNAL DESCRIPTION	ECO NO
23141		XA227	54											MRW18A	09	MWB02A	01	3	TD4	D1		25A			
23153		XA227	55			XA227	43			16B	9			MRW20D	02	MWB05A	01	1	TD4	E2		29B			
23142		XA227	56			XA227	64			16B	9			MRW17A	05	MWB02A	01	4	TD4	D1		26A			
23154		XA227	57			XA518	46			16B	9			MWB05A	01	MWB05A	00	1	TD4	E2		30B		WORD B DEC 05 ADR*	
06291		XA227	58											GND	01				TD4			40A			
23148		XA227	59			XA518	43			16B	9			MWB04A	01	MWB04A	00	1	TD4	E1		31B		WORD B DEC 04 ADR*	
23155		XA227	60			XA227	66			16B	9			MRW19A	08	MWB05A	01	2	TD4	E2		28A			
23149		XA227	61			XA227	49			16B	9			MRW20A	02	MWB04A	01	1	TD4	E1		32B			
23156		XA227	62			XA228	54			16B	9			MRW18D	04	MWB05A	01	3	TD4	E2		29A			
06292		XA227	63											DNW	01				TD4						
23157		XA227	64			XA227	70			16B	9			MRW17A	06	MWB05A	01	4	TD4	E2		30A			
06293		XA227	65											DNW	01				TD4						
23150		XA227	66											MRW19A	09	MWB04A	01	2	TD4	E1		31A			
06294		XA227	67											GND	01				TD4			40B			
23151		XA227	68			XA227	62			16B	9			MRW18D	03	MWB04A	01	3	TD4	E1		32A			
23163		XA227	69			XA518	52			16B	9			MWB07A	01	MWB07A	00	1	TD4	F2		35A		WORD B DEC 07 ADR*	
23152		XA227	70			XA227	74			16B	9			MRW17A	07	MWB04A	01	4	TD4	E1		33A			
23164		XA227	71			XA227	55			16B	9			MRW20D	01	MWB07A	01	1	TD4	F2		36A			
23165		XA227	72			XA227	77			16B	9			MRW19D	08	MWB07A	01	2	TD4	F2		34A			
23166		XA227	73			XA227	68			16B	9			MRW18D	02	MWB07A	01	3	TD4	F2		36B			
23167		XA227	74			XA227	79			16B	9			MRW17A	08	MWB07A	01	4	TD4	F2		35B			
23158		XA227	75			XA227	61			16B	9			MRW20A	01	MWB06A	01	1	TD4	F1		37B			
23159		XA227	76			XA518	47			16B	9			MWB06A	01	MWB06A	00	1	TD4	F1		37A		WORD B DEC 06 ADR*	
23160		XA227	77											MRW19D	09	MWB06A	01	2	TD4	F1		38B			
23161		XA227	78			XA227	73			16B	9			MRW18D	01	MWB06A	01	3	TD4	F1		38A			
23162		XA227	79											MRW17A	09	MWB06A	01	4	TD4	F1		39B			
06295		XA227	80											DNW	01				TD4						
23173		XA228	01			XA132	45			16B	9			MRW20D	09	MWB09A	01	1	TD4	A2		03B			
06296		XA228	02											GND	01				TD4			01A			
06297		XA228	03											DNW	01				TD4						
23174		XA228	04			XA228	08			16B	9			MRW19A	01	MWB09A	01	2	TD4	A2		04A			
23175		XA228	05			XA228	19			16B	9			MRW18A	02	MWB09A	01	3	TD4	A2		03B			
23168		XA228	06			XA132	51			16B	9			MRW20A	09	MWB08A	01	1	TD4	A1		05A			
23176		XA228	07			XA228	13			16B	9			MRW17D	01	MWB09A	01	4	TD4	A2		03A			
23169		XA228	08			XA227	31			16B	9			MRW19A	02	MWB08A	01	2	TD4	A1		06A			
23177		XA228	09			XA520	01			16B	9			MWB09A	01	MWB09A	00	1	TD4	A2		04B		WORD B DEC 09 ADR*	
23170		XA228	10			XA228	05			16B	9			MRW18A	01	MWB08A	01	3	TD4	A1		07A			
23171		XA228	11			XA520	04			16B	9			MWB08A	01	MWB08A	00	1	TD4	A1		05B		WORD B DEC 08 ADR*	
06298		XA228	12											+5V	01				TD4						
23172		XA228	13			XA228	20			16B	9			MRW17D	02	MWB08A	01	4	TD4	A1		06B			
23183		XA228	14			XA228	01			16B	9			MRW20D	08	MWB11A	01	1	TD4	B2		09A			
06299		XA228	15											DNW	01				TD4						
06300		XA228	16											GND	01				TD4			20B			
06301		XA228	17											DNW	01				TD4						
23184		XA228	18			XA228	24			16B	9			MRW19D	01	MWB11A	01	2	TD4	B2		10A			
23185		XA228	19			XA228	25			16B	9			MRW18A	03	MWB11A	01	3	TD4	B2		09B			
23186		XA228	20			XA228	26			16B	9			MRW17D	03	MWB11A	01	4	TD4	B2		11A			
23187		XA228	21			XA520	05			16B	9			MWB11A	01	MWB11A	00	1	TD4	B2		10B		WORD B DEC 11 ADR*	

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Litton DATA SYSTEMS

DRAWING NUMBER 149304-880 UNIT ASSEMBLY NO. 149304 REV G INDEX XA228

UNIT ASSEMBLY CARD CAGE WIRED, MCU CONNECTOR FILE IDENT T39AMCMU DATE 09-02-82 PAGE 199

RECORD NUMBER	FROM PREFIX	FROM CONNECTOR	FROM PIN	FROM SH FG	TO PREFIX	TO CONNECTOR	TO PIN	TO SH FG	WIRE MULTI GROUP	WIRE CODE	WIRE COLOR	WIRE IDENT	SPC INST MISC	SIGNAL	SEQ NO	EQUATION	TERM	FACTOR	CKT OR CHIP TYPE	GROUP	LOAD OR POWER PLANE	TEST POINTS AND/OR	SIGNAL DESCRIPTION	ECO NO
23178		XA228	22			XA228	06			16B	9			MRW20A	08	MWB10A	01	1	TD4	B1		12A		
23179		XA228	23			XA520	10			16B	9			MWB10A	01	MWB10A	00	1	TD4	B1		11B	WORD B DEC 10 ADR*	
23180		XA228	24			XA228	46			16B	9			MRW190	02	MWB10A	01	2	TD4	B1		13A		
23181		XA228	25			XA227	34			16B	9			MRW18A	04	MWB10A	01	3	TD4	B1		12B		
23182		XA228	26			XA228	36			16B	9			MRW170	05	MWB10A	01	4	TD4	B1		14A		
06302		XA228	27											DNW	01				TD4					
06303		XA228	28											+5V	01				TD4					
06304		XA228	29											DNW	01				TD4					
23193		XA228	30			XA227	30			16B	9			MRW200	06	MWB13A	01	1	TD4	C2		15A		
23194		XA228	31			XA228	38			16B	9			MRW19A	04	MWB13A	01	2	TD4	C2		15B		
06305		XA228	32											GND	01				TD4			21B		
23195		XA228	33			XA520	46			16B	9			MWB13A	01	MWB13A	00	1	TD4	C2		16B	WORD B DEC 13 ADR*	
23196		XA228	34			XA132	33			16B	9			MRW180	08	MWB13A	01	3	TD4	C2		16A		
23188		XA228	35			XA520	43			16B	9			MWB12A	01	MWB12A	00	1	TD4	C1		17B	WORD B DEC 12 ADR*	
23197		XA228	36			XA228	42			16B	9			MRW170	06	MWB13A	01	4	TD4	C2		17A		
23189		XA228	37			XA227	37			16B	9			MRW20A	06	MWB12A	01	1	TD4	C1		18B		
23190		XA228	38			XA227	38			16B	9			MRW19A	06	MWB12A	01	2	TD4	C1		18A		
06306		XA228	39											DNW	01				TD4					
23191		XA228	40			XA228	34			16B	9			MRW180	07	MWB12A	01	3	TD4	C1		19A		
06307		XA228	41											DNW	01				TD4					
23192		XA228	42			XA228	50			16B	9			MRW170	07	MWB12A	01	4	TD4	C1		20A		
23203		XA228	43			XA228	30			16B	9			MRW200	04	MWB15A	01	1	TD4	D2		23B		
06308		XA228	44											GND	01				TD4			27A		
23204		XA228	45			XA520	52			16B	9			MWB15A	01	MWB15A	00	1	TD4	D2		24B	WORD B DEC 15 ADR*	
23205		XA228	46			XA228	52			16B	9			MRW190	04	MWB15A	01	2	TD4	D2		21A		
23198		XA228	47			XA520	47			16B	9			MWB14A	01	MWB14A	00	1	TD4	D1		25B	WORD B DEC 14 ADR*	
23206		XA228	48			XA228	40			16B	9			MRW180	06	MWB15A	01	3	TD4	D2		22A		
23199		XA228	49			XA228	37			16B	9			MRW20A	04	MWB14A	01	1	TD4	D1		26B		
23207		XA228	50			XA228	56			16B	9			MRW170	08	MWB15A	01	4	TD4	D2		23A		
06309		XA228	51											DNW	01				TD4					
23200		XA228	52			XA227	52			16B	9			MRW190	05	MWB14A	01	2	TD4	D1		24A		
06310		XA228	53											DNW	01				TD4					
23201		XA228	54			XA228	48			16B	9			MRW180	05	MWB14A	01	3	TD4	D1		25A		
21008		XA228	55			XA334	09			16B	9			MBREQR	01	MPAMRA	01	1	TD4	E2		29B		
23202		XA228	56											MRW170	09	MWB14A	01	4	TD4	D1		26A		
21009		XA228	57			XA239	60			16B	9			MPAMRA	01	MPAMRA	00	1	TD4	E2		30B	A ACCESS MEM RST *	
06311		XA228	58											GND	01				TD4			40A		
20966		XA228	59			XA233	70			16B	9			MMTREA	01	MMTREA	00	1	TD4	E1		31B	CUR ERR RESET DEC	
21010		XA228	60			XA434	76			16B	9			MCREQR1	00	MPAMRA	01	2	TD4	E2		28A		
20967		XA228	61			XA236	77			16B	9			MMTSTO	01	MMTREA	01	1	TD4	E1		32B		
21011		XA228	62											MDREQR1	05	MPAMRA	01	3	TD4	E2		29A		
06312		XA228	63											DNW	01				TD4					
21012		XA228	64			XA431	18			16B	9			MTR060	021	MPAMRA	01	4	TD4	E2		30A		
06313		XA228	65											DNW	01				TD4					
20968		XA228	66			XA230	35			16B	9			MRA30P	02	MMTREA	01	2	TD4	E1		31A		
06314		XA228	67											GND	01				TD4			40B		
20969		XA228	68											MRA23P	04	MMTREA	01	3	TD4	E1		32A		
06315		XA228	69											SPO	01		00	1	TD4	E2		35A		
20970		XA228	70			XA236	25			16B	9			MTRINO	01	MMTREA	01	4	TD4	E1		33A		
06316		XA228	71			XA228	75			16B	9			SPI004	28		01	1	TD4	E2		36A		

CONNECTOR (XA228) CONTINUED ON THE NEXT PAGE ****

RECORD NUMBER	FROM PREFIX	FROM CONNECTOR	FROM PIN	FROM SH FG	TO PREFIX	TO CONNECTOR	TO PIN	TO SH FG	WIRE MULTI GROUP	WIRE CODE	WIRE COLOR	WIRE IDENT	SPC INST MISC	SIGNAL	SEC NO	EQUATION	TERM	FACTOR	CKT OR CHIP TYPE	GROUP	LOAD OR POWER PLANE	TEST POINTS ANC	TEST POINTS OR	SIGNAL DESCRIPTION	ECO NO
06317		XA228	72			XA228	78			16B	9			SPI003	27		01	2	TD4	F2		34A			
06318		XA228	73			XA229	66			16B	9			SPI002	05		01	3	TD4	F2		36B			
06319		XA228	74			XA229	64			16B	9			SPI007	08		01	4	TD4	F2		35B			
06320		XA228	75			XA326	15			16B	9			SPI004	29		01	1	TD4	F1		37B			
06321		XA228	76											SPO	01		00	1	TD4	F1		37A			
06322		XA228	77			XA229	73			16B	9			SPI007	06		01	2	TD4	F1		38B			
06323		XA228	78			XA220	50			16B	9			SPI003	28		01	3	TD4	F1		38A			
06324		XA228	79			XA228	73			16B	9			SPI002	04		01	4	TD4	F1		39B			
06325		XA228	80											DNW	01				TD4						
21442		XA229	01											MRACBA	08	MRA15N	01	1	TDD	BN		02B			
06326		XA229	02											GND	01				TDD			01B			
21445		XA229	03			XA229	17			16B	9			SPI004	19	MRA15Q	01	1	TDD	BQ		02A			
21443		XA229	04			XA241	10			16B	9			SPI007	18	MRA15P	01	1	TDD	BP		04A			
21441		XA229	05			XA325	34			16B	9			MPP15B4	01	MRA15I	01	1	TDD	BI		03B			
21437		XA229	06			XA237	48			16B	9			SPI002	11	MRA14P	01	1	TDD	AP		05A			
21446		XA229	07			XA225	35			16B	9			MRA15Q	01	MRA15Q	00	1	TDD	BQ		03A		BIT 15 ADR REG *	
21435		XA229	08			XA325	40			16B	9			MPP14B4	01	MRA14I	01	1	TDD	AI		06A			
21444		XA229	09											MRA15P	05	MRA15P	00	1	TDD	BP		04B		BIT 15 ADR REG	
21436		XA229	10			XA229	01			16B	9			MRACBA	07	MRA14N	01	1	TDD	AN		07A			
21438		XA229	11											MRA14P	05	MRA14P	00	1	TDD	AP		05B		BIT 14 ADR REG	
06327		XA229	12											+5V	01				TDD						
21439		XA229	13											MRA14Q	05	MRA14Q	00	1	TDD	AQ		06B		BIT 14 ADR REG *	
21454		XA229	14			XA229	10			16B	9			MRACBA	06	MRA17N	01	1	TDD	DN		09A			
21440		XA229	15			XA229	27			16B	9			SPI003	10	MRA14Q	01	1	TDD	AQ		07B			
06328		XA229	16											GND	01				TDD			20B			
21457		XA229	17			XA230	17			16B	9			SPI004	20	MRA17Q	01	1	TDD	DQ		08B			
21453		XA229	18			XA325	48			16B	9			MPP17B4	01	MRA17I	01	1	TDD	DI		10A			
21458		XA229	19							16B	9			MRA17Q	02	MRA17Q	00	1	TDD	DQ		09B		BIT 17 ADR REG *	
21455		XA229	20			XA230	20			16B	9			SPI007	15	MRA17P	01	1	TDD	DP		11A			
21456		XA229	21							16B	9			MRA17P	02	MRA17P	00	1	TDD	DP		10B		BIT 17 ADR REG	
21449		XA229	22			XA229	06			16B	9			SPI002	10	MRA16P	01	1	TDD	CP		12A			
21450		XA229	23			XA225	45			16B	9			MRA16P	01	MRA16P	00	1	TDD	CP		11B		BIT 16 ADR REG	
21447		XA229	24			XA325	54			16B	9			MPP16B4	01	MRA16I	01	1	TDD	CI		13A			
21451		XA229	25											MRA16Q	05	MRA16Q	00	1	TDD	CQ		12B		BIT 16 ADR REG *	
21448		XA229	26			XA229	14			16B	9			MRACBA	05	MRA16N	01	1	TDD	CN		14A			
21452		XA229	27			XA230	27			16B	9			SPI003	11	MRA16Q	01	1	TDD	CQ		13B			
06329		XA229	28											+5V	01				TDD						
21469		XA229	29			XA229	41			16B	9			SPI004	23	MRA19Q	01	1	TDD	FQ		14B			
21466		XA229	30			XA229	26			16B	9			MRACBA	04	MRA19N	01	1	TDD	FN		15A			
21470		XA229	31							16B	9			MRA19Q	02	MRA19Q	00	1	TDD	FQ		15B		BIT 19 ADR REG *	
06330		XA229	32											GND	01				TDD			21B			
21467		XA229	33							16B	9			MRA19P	02	MRA19P	00	1	TDD	FP		16B		BIT 19 ADR REG	
21465		XA229	34			XA330	53			16B	9			MPP19B4	01	MRA19I	01	1	TDD	FI		16A			
21461		XA229	35											MRA18P	02	MRA18P	00	1	TDD	FP		17B		BIT 18 ADR REG	
21468		XA229	36			XA229	20			16B	9			SPI007	14	MRA19P	01	1	TDD	FP		17A			
21463		XA229	37							16B	9			MRA18Q	02	MRA18Q	00	1	TDD	FQ		18B		BIT 18 ADR REG *	
21462		XA229	38			XA229	22			16B	9			SPI002	09	MRA18P	01	1	TDD	EP		18A			
21464		XA229	39			XA229	51			16B	9			SPI003	19	MRA18Q	01	1	TDD	EQ		19B			
CONNECTOR XA229) CONTINUED ON THE NEXT PAGE ****																									

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DRAWING NUMBER 149304-880 UNIT ASSEMBLY NO. 149304 REV G INDEX XA229

UNIT ASSEMBLY CARD CAGE WIRED, MCU CONNECTOR FILE IDENT T39AMCMU DATE 09-02-82 PAGE 201

RECORD NUMBER	FROM PREFIX	FROM CONNECTOR	FROM PIN	FROM SH FG	TO PREFIX	TO CONNECTOR	TO PIN	TO SH FG	WIRE MULTI GROUP	WIRE CODE	WIRE COLOR	WIRE IDENT	SPEC INST MISC	SIGNAL	SIG NO	EQUATION	TERM	FACTOR	CKT OR CHIP TYPE	GROUP	LOAD OR POWER PLANE	TEST POINTS AND	TEST POINTS OR	SIGNAL DESCRIPTION	ECO NO
21459		XA229	40											MPP18B4	07	MRA18I	01	1	TDD	EI		19A			
21481		XA229	41			XA229	53			16B	9			SPI004	24	MRA21Q	01	1	TDD	HQ		22B			
21460		XA229	42			XA229	30			16B	9			MRACBA	03	MRA18N	01	1	TDD	EN		20A			
21482		XA229	43							16B	9			MRA21Q	03	MRA21Q	00	1	TDD	HQ		23B		BIT 21 ADR REG *	
06331		XA229	44											GND	01				TDD			27A			
21479		XA229	45			XA132	64			16B	9			MRA21P	01	MRA21P	00	1	TDD	HP		24B		BIT 21 ADR REG	
21478		XA229	46			XA229	79			16B	9			MRACCA	03	MRA21N	01	1	TDD	HN		21A			
21473		XA229	47			XA232	68			16B	9			MRA20P	01	MRA20P	00	1	TDD	GP		25B		BIT 20 ADR REG	
21477		XA229	48											MPP21B4	07	MRA21I	01	1	TDD	HI		22A			
21475		XA229	49							16B	9			MRA20Q	02	MRA20Q	00	1	TDD	GQ		26B		BIT 20 ADR REG *	
21480		XA229	50			XA230	71			16B	9			SPI007	11	MRA21P	01	1	TDD	HP		23A			
21476		XA229	51			XA230	53			16B	9			SPI003	20	MRA20Q	01	1	TDD	GQ		27B			
21474		XA229	52			XA229	38			16B	9			SPI002	08	MRA20P	01	1	TDD	GP		24A			
21493		XA229	53			XA229	65			16B	9			SPI004	26	MRA23Q	01	1	TDD	KQ		28B			
21471		XA229	54			XA330	51			16B	9			MPP20B4	01	MRA20I	01	1	TDD	GI		25A			
21494		XA229	55			XA132	79			16B	9			MRA23Q	01	MRA23Q	00	1	TDD	KQ		29B		BIT 23 ADR REG *	
21472		XA229	56			XA229	42			16B	9			MRACBA	02	MRA20N	01	1	TDD	GN		26A			
21491		XA229	57			XA228	68			16B	9			MRA23P	03	MRA23P	00	1	TDD	KP		30B		BIT 23 ADR REG	
06332		XA229	58											GND	01				TDD			40A			
21485		XA229	59											MRA22P	03	MRA22P	00	1	TDD	JP		31B		BIT 22 ADR REG	
21490		XA229	60			XA235	57			16B	9			MRACCA	07	MRA23N	01	1	TDD	KN		28A			
21487		XA229	61							16B	9			MRA22Q	02	MRA22Q	00	1	TDD	JQ		32B		BIT 22 ADR REG *	
21489		XA229	62											MPP23B4	07	MRA23I	01	1	TDD	KI		29A			
21488		XA229	63			XA228	72			16B	9			SPI003	25	MRA22Q	01	1	TDD	JQ		33B			
21492		XA229	64			XA229	50			16B	9			SPI007	10	MRA23P	01	1	TDD	KP		30A			
21508		XA229	65			XA228	71			16B	9			SPI004	27	MRA25Q	01	1	TDD	MQ		34B			
21486		XA229	66			XA229	52			16B	9			SPI002	06	MRA22P	01	1	TDD	JP		31A			
06333		XA229	67											GND	01				TDD			40B			
21483		XA229	68			XA326	05			16B	9			MPP22B4	01	MRA22I	01	1	TDD	JI		32A			
21506		XA229	69											MRA25P	04	MRA25P	00	1	TDD	MP		35A		BIT 25 ADR REG	
21484		XA229	70			XA229	60			16B	9			MRACCA	06	MRA22N	01	1	TDD	JN		33A			
21504		XA229	71			XA330	10			16B	9			MPP25B4	01	MRA25I	01	1	TDD	MI		36A			
21505		XA229	72			XA229	70			16B	9			MRACCA	05	MRA25N	01	1	TDD	MN		34A			
21507		XA229	73			XA228	74			16B	9			SPI007	07	MRA25P	01	1	TDD	MP		36B			
21509		XA229	74											MRA25Q	04	MRA25Q	00	1	TDD	MQ		35B		BIT 25 ADR REG *	
21497		XA229	75			XA230	63			16B	9			SPI008	04	MRA24P	01	1	TDD	LP		37B			
21498		XA229	76											MRA24P	02	MRA24P	00	1	TDD	LP		37A		BIT 24 ADR REG	
21495		XA229	77			XA330	08			16B	9			MPP24B4	04	MRA24I	01	1	TDD	LI		38B			
21499		XA229	78											MRA24Q	02	MRA24Q	00	1	TDD	LQ		38A		BIT 24 ADR REG *	
21496		XA229	79			XA229	72			16B	9			MRACCA	04	MRA24N	01	1	TDD	LN		39B			
21500		XA229	80			XA237	11			16B	9			SPI003	02	MRA24Q	01	1	TDD	LQ		39A			
21520		XA230	01			XA230	10			16B	9			MRACCA	01	MRA27N	01	1	TDD	BN		02B			
06334		XA230	02											GND	01				TDD			01B			
21523		XA230	03			XA229	03			16B	9			SPI004	18	MRA27Q	01	1	TDD	BQ		02A			
21521		XA230	04			XA229	04			16B	9			SPI007	17	MRA27P	01	1	TDD	BP		04A			
21519		XA230	05											MPP27B4	07	MRA27I	01	1	TDD	BI		03B			
21515		XA230	06			XA234	05			16B	9			SPI008	18	MRA26P	01	1	TDD	AP		05A			
21524		XA230	07			XA239	24			16B	9			MRA27Q	05	MRA27Q	00	1	TDD	BQ		03A		BIT 27 ADR REG *	

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DRAWING NUMBER 149304-880 UNIT ASSEMBLY NO. 149304 REV G INDEX XA230

UNIT ASSEMBLY CARD CAGE WIRED, MCU CONNECTOR FILE IDENT T39AMCMU DATE 09-02-82 PAGE 202

RECORD NUMBER	FROM PREFIX	FROM CONNECTOR	FROM PIN	FROM SH FG	TO PREFIX	TO CONNECTOR	TO PIN	TO SH FG	WIRE MULT GROUP	WIRE CODE	WIRE COLOR	WIRE IDENT	SPC INST MISC	SIGNAL	SEQ NO	EQUATION	TERM	FACTOR	CKT OR CHIP TYPE	GROUP	LOAD OR POWER PLANE	TEST POINTS GND	TEST POINTS DP	SIGNAL DESCRIPTION	ECO NO
21513		XA230	08											MPP26B4	07	MRA26I	01	1	TDD	AI		06A			
21522		XA230	09			XA236	23			16B	9			MRA27P	05	MRA27P	00	1	TDD	BP		04B		BIT 27 ADR REG	
21514		XA230	10			XA229	46			16B	9			MRACCA	02	MRA26N	01	1	TDD	AN		07A			
21516		XA230	11			XA235	23			16B	9			MRA26P	01	MRA26P	00	1	TDD	AP		05B		BIT 26 ADR REG	
06335		XA230	12											+5V	01				TDD						
21517		XA230	13											MRA26Q	04	MRA26Q	00	1	TDD	AQ		06B		BIT 26 ADR REG *	
21532		XA230	14			XA230	26			16B	9			MRACAA	01	MRA29N	01	1	TDD	DN		09A			
21518		XA230	15			XA229	15			16B	9			SPI003	09	MRA26Q	01	1	TDD	AQ		07B			
06336		XA230	16											GND	01				TDD			20B			
21535		XA230	17			XA229	29			16B	9			SPI004	21	MRA29Q	01	1	TDD	DQ		08B			
21531		XA230	18											MPP29B4	07	MRA29I	01	1	TDD	DI		10A			
21536		XA230	19			XA225	06			16B	9			MRA29Q	01	MRA29Q	00	1	TDD	DQ		09B		BIT 29 ADR REG*	
21533		XA230	20			XA230	04			16B	9			SPI007	16	MRA29P	01	1	TDD	DP		11A			
21534		XA230	21			XA236	30			16B	9			MRA29P	05	MRA29P	00	1	TDD	DP		10B		BIT 29 ADR REG	
21527		XA230	22			XA230	06			16B	9			SPI008	17	MRA28P	01	1	TDD	CP		12A			
21528		XA230	23			XA236	33			16B	9			MRA28P	05	MRA28P	00	1	TDD	CP		11B		BIT 28 ADR REG	
21525		XA230	24			XA330	09			16B	9			MPP28B4	01	MRA28I	01	1	TDD	CI		13A			
21529		XA230	25			XA225	23			16B	9			MRA28Q	01	MRA28Q	00	1	TDD	CQ		12B		BIT 28 ADR REG *	
21526		XA230	26			XA230	42			16B	9			MRACAA	02	MRA28N	01	1	TDD	CN		14A			
21530		XA230	27			XA231	29			16B	9			SPI003	12	MRA28Q	01	1	TDD	CQ		13B			
06337		XA230	28											+5V	01				TDD						
19271		XA230	29			XA321	19			16B	9			SPI005	01	MBENAQ	01	1	TDD	FQ		14B			
19268		XA230	30			XA241	75			16B	9			MPPBSA	01	MBENAN	01	1	TDD	FN		15A			
19272		XA230	31			XA235	50			16B	9			MBENAQ	01	MBENAQ	00	1	TDD	FQ		15B			
06338		XA230	32											GND	01				TDD			21B			
19269		XA230	33			XA334	38			16B	9			MBENAP	01	MBENAP	00	1	TDD	FP		16B			
19267		XA230	34			XA229	36			16B	9			SPI007	13	MBENAI	01	1	TDD	FI		16A			
21539		XA230	35											MRA30P	03	MRA30P	00	1	TDD	EP		17B		BIT 30 ADR REG	
19270		XA230	36			XA230	73			16B	9			MPPARA	02	MBENAP	01	1	TDD	FP		17A			
21541		XA230	37			XA323	23			16B	9			MRA30Q	01	MRA30Q	00	1	TDD	EQ		18B		BIT 30 ADR REG *	
21540		XA230	38			XA231	27			16B	9			SPI008	12	MRA30P	01	1	TDD	EP		18A			
21542		XA230	39			XA229	39			16B	9			SPI003	18	MRA30Q	01	1	TDD	EQ		19B			
21537		XA230	40											MPP30B4	07	MRA30I	01	1	TDD	EI		19A			
22178		XA230	41			XA230	39			16B	9			SPI003	17	MTC15Q	01	1	TDD	HQ		22B			
21538		XA230	42			XA235	66			16B	9			MRACAA	03	MRA30N	01	1	TDD	EN		20A			
22179		XA230	43											MTC15Q	02	MTC15Q	00	1	TDD	HQ		23B		TMNG STEP 15	
06339		XA230	44											GND	01				TDD			27A			
22176		XA230	45										M	MTC15P	01	MTC15P	00	1	TDD	HP		24B		TMNG STEP 15 *	
22175		XA230	46			XA230	70			16B	9			MTCPBB	09	MTC15N	01	1	TDD	HN		21A			
22246		XA230	47											MTRSTP	05	MTRSTP	00	1	TDD	GP		25B		TMNG GEN STOP	
22174		XA230	48			XA232	43			16B	9			MTC14Q	03	MTC15I	01	1	TDD	HI		22A			
22248		XA230	49										M	MTRSTQ	01	MTRSTQ	00	1	TDD	GQ		26B		TMNG GEN STOP *	
22177		XA230	50			XA231	52			16B	9			MTMRBB	09	MTC15P	01	1	TDD	HP		23A			
22249		XA230	51			XA232	51			16B	9			SPI008	08	MTRSTQ	01	1	TDD	GQ		27B			
22247		XA230	52											MTAMRA	02	MTRSTP	01	1	TDD	GP		24A			
22202		XA230	53			XA231	53			16B	9			SPI003	21	MTC19Q	01	1	TDD	KQ		28B			
22244		XA230	54			XA234	14			16B	9			MTSTPA	01	MTRSTI	01	1	TDD	GI		25A			
22203		XA230	55			XA236	47			16B	9			MTC19Q	02	MTC19Q	00	1	TDD	KQ		29B		TMNG STEP 19	
22245		XA230	56			XA230	46			16B	9			MTCPBB	08	MTRSTN	01	1	TDD	GN		26A			
22200		XA230	57			XA235	37			16B	9			MTC19P	01	MTC19P	00	1	TDD	KP		30B		TMNG STEP 19 *	

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DATA SYSTEMS — DRAWING NUMBER 149304-880 — UNIT ASSEMBLY NO. 149304 — REV G — INDEX XA230
UNIT ASSEMBLY NAME CARD CAGE WIRED, MCU — CONNECTOR — FILE IDENT T39AMCMU — DATE 09-02-82 — PAGE 203

RECORD NUMBER	FROM PREFIX	FROM CONNECTOR	FROM PIN	FROM SHIELD	TO PREFIX	TO CONNECTOR	TO PIN	TO SHIELD	WIRE MULTI GROUP	WIRE CODE	WIRE COLOR	WIRE IDENT	SPECIAL MFG	SIGNAL	SEQ NO	EQUATION	TERM	FACTOR	CKT OR CHIP TYPE	GROUP	LOAD OR POWER PLANE	TEST POINTS AND/OR	SIGNAL DESCRIPTION	ECO NO
06340		XA230	58											GND	01				TDD			40A		
22188		XA230	59										M	MTC17P	03	MTC17P	00	1	TDD	JP		31B	TMNG STEP 17 *	
22199		XA230	60			XA230	56			16B	9			MTCPBB	07	MTC19N	01	1	TDD	KN		28A		
22190		XA230	61											MTC17Q	02	MTC17Q	00	1	TDD	JQ		32B	TMNG STEP 17	
22198		XA230	62			XA231	55			16B	9			MTC18Q	01	MTC19I	01	1	TDD	KI		29A		
22191		XA230	63			XA231	63			16B	9			SPI008	05	MTC17Q	01	1	TDD	JQ		33B		
22201		XA230	64			XA230	50			16B	9			MTMRBB	08	MTC19P	01	1	TDD	KP		30A		
20247		XA230	65			XA229	63			16B	9			SPI003	24	MDENAQ	01	1	TDD	MQ		34B		
22189		XA230	66			XA230	64			16B	9			MTMRBB	07	MTC17P	01	1	TDD	JP		31A		
06341		XA230	67											GND	01				TDD			40B		
22186		XA230	68			XA237	54			16B	9			MTC16Q	04	MTC17I	01	1	TDD	JI		32A		
20245		XA230	69			XA334	42			16B	9			MDENAP	01	MDENAP	00	1	TDD	MP		35A	TMNG STEP 23 *	
22187		XA230	70			XA231	72			16B	9			MTCPBB	10	MTC17N	01	1	TDD	JN		33A		
20243		XA230	71			XA230	34			16B	9			SPI007	12	MDENAI	01	1	TDD	MI		36A		
20244		XA230	72			XA241	78			16B	9			MPPDSA1	0C	MDENAN	01	1	TDD	MN		34A		
20246		XA230	73			XA231	50			16B	9			MPPARA	03	MDENAP	01	1	TDD	MP		36B		
20248		XA230	74			XA434	64			16B	9			MDENAQ	01	MDENAQ	00	1	TDD	MQ		35B	TMNG STEP 23	
22212		XA230	75			XA231	75			16B	9			MTMRBB	02	MTC21P	01	1	TDD	LP		37B		
22213		XA230	76										M	MTC21P	12	MTC21P	00	1	TDD	LP		37A	TMNG STEP 21 *	
22210		XA230	77			XA231	78			16B	9			MTC20Q	01	MTC21I	01	1	TDD	LI		38B		
22214		XA230	78			XA231	71			16B	9			MTC21Q	01	MTC21Q	00	1	TDD	LQ		38A	TMNG STEP 21	
22211		XA230	79											MTCPBB	15	MTC21N	01	1	TDD	LN		39B		
22215		XA230	80			XA229	75			16B	9			SPI008	03	MTC21Q	01	1	TDD	LQ		39A		
22103		XA231	01			XA232	01			16B	9			MTCPAB	01	MTC03N	01	1	TDD	BN		02B		
06342		XA231	02											GND	01				TDD			01B		
22106		XA231	03			XA232	03			16B	9			SPI003	05	MTC03Q	01	1	TDD	BQ		02A		
22104		XA231	04			XA232	04			16B	9			MTMRAB	10	MTC03P	01	1	TDD	BP		04A		
22102		XA231	05			XA232	07			16B	9			MTC02Q	01	MTC03I	01	1	TDD	BI		03B		
22092		XA231	06			XA231	04			16B	9			MTMRAB	09	MTC01P	01	1	TDD	AP		05A		
22107		XA231	07			XA232	24			16B	9			MTC03Q	01	MTC03Q	00	1	TDD	BQ		03A	TMNG STEP 3	
22090		XA231	08			XA232	13			16B	9			MTC00Q	01	MTC01I	01	1	TDD	AI		06A		
22105		XA231	09										M	MTC03P	01	MTC03P	00	1	TDD	BP		04B	TMNG STEP 3 *	
22091		XA231	10			XA232	10			16B	9			MTCPAB	04	MTC01N	01	1	TDD	AN		07A		
22093		XA231	11											MTC01P	04	MTC01P	00	1	TDD	AP		05B	TMNG STEP 1 *	
06343		XA231	12											+5V	01				TDD					
22094		XA231	13			XA234	59			16B	9			MTC01Q	02	MTC01Q	00	1	TDD	AQ		06B	TMNG STEP 1	
22127		XA231	14			XA231	10			16B	9			MTCPAB	03	MTC07N	01	1	TDD	DN		09A		
22095		XA231	15			XA230	22			16B	9			SPI008	16	MTC01Q	01	1	TDD	AQ		07B		
06344		XA231	16											GND	01				TDD			20B		
22130		XA231	17			XA230	15			16B	9			SPI003	08	MTC07Q	01	1	TDD	DQ		08B		
22126		XA231	18			XA232	19			16B	9			MTC06Q	02	MTC07I	01	1	TDD	DI		10A		
22131		XA231	19											MTC07Q	02	MTC07Q	00	1	TDD	DQ		09B	TMNG STEP 7	
22128		XA231	20			XA231	22			16B	9			MTMRAB	07	MTC07P	01	1	TDD	DP		11A		
22129		XA231	21			XA236	18			16B	9			MTC07P	01	MTC07P	00	1	TDD	DP		10B	TMNG STEP 7 *	
22116		XA231	22			XA231	06			16B	9			MTMRAB	08	MTC05P	01	1	TDD	CP		12A		
22117		XA231	23											MTC05P	02	MTC05P	00	1	TDD	CP		11B	TMNG STEP 5 *	
22114		XA231	24			XA232	25			16B	9			MTC04Q	01	MTC05I	01	1	TDD	CI		13A		
22118		XA231	25			XA232	18			16B	9			MTC05Q	01	MTC05Q	00	1	TDD	CQ		12B	TMNG STEP 5	

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Litton DATA SYSTEMS

DRAWING NUMBER 149304-880 UNIT ASSEMBLY NO. 149304 REV G INDEX XA231

UNIT ASSEMBLY CARD CAGE WIRED, MCU CONNECTOR FILE IDENT T39AMCMU DATE 09-02-82 PAGE 204

RECORD NUMBER	FROM PREFIX	FROM CONNECTOR	FROM PIN	FROM SH FG	TO PREFIX	TO CONNECTOR	TO PIN	TO SH FG	WIRE MULTI GROUP	WIRE CODE	WIRE COLOR	WIRE IDENT	SPEC INST MISC	SIGNAL	SEQ NO	EQUATION	TERM	FACTOR	CKT OR CHIP TYPE	GROUP	LOAD CP POWER PLANE	TEST POINTS ANC	TEST POINTS OR	SIGNAL DESCRIPTION	ECO NO
22115		XA231	26			XA231	30			16B	9			MTCPAB	11	MTC05N	01	1	TDD	CN		14	A		
22119		XA231	27			XA232	27			16B	9			SPI008	13	MTC05Q	01	1	TDD	CQ		13	B		
06345		XA231	28											+5V	01				TDD						
22154		XA231	29			XA232	29			16B	9			SPI003	13	MTC11Q	01	1	TDD	FQ		14	B		
22151		XA231	30			XA231	42			16B	9			MTCPAB	12	MTC11N	01	1	TDD	FN		15	A		
22155		XA231	31			XA232	54			16B	9			MTC11Q	01	MTC11Q	00	1	TDD	FQ		15	B	TMNG STEP 11	
06346		XA231	32											GND	01				TDD						
22152		XA231	33							16B	9		M	MTC11P	01	MTC11P	00	1	TDD	FP		16	B	TMNG STEP 11 *	
22150		XA231	34											MTC10Q	02	MTC11I	01	1	TDD	FI		16	A		
22140		XA231	35										M	MTC09P	01	MTC09P	00	1	TDD	EP		17	B	TMNG STEP 9 *	
22153		XA231	36			XA231	38			16B	9			MTMRAB	01	MTC11P	01	1	TDD	FP		17	A		
22142		XA231	37											MTC09Q	02	MTC09Q	00	1	TDD	EQ		18	B	TMNG STEP 9	
22141		XA231	38			XA232	38			16B	9			MTMRAB	02	MTC09P	01	1	TDD	EP		18	A		
22143		XA231	39			XA230	38			16B	9			SPI008	11	MTC09Q	01	1	TDD	EQ		19	B		
22138		XA231	40			XA232	37			16B	9			MTC08Q	01	MTC09I	01	1	TDD	EI		19	A		
18831		XA231	41			XA225	78			16B	9			SPI009	16	MAENAQ	01	1	TDD	HQ		22	B		
22139		XA231	42			XA232	42			16B	9			MTCPAB	13	MTC09N	01	1	TDD	EN		20	A		
18832		XA231	43			XA234	62			16B	9			MAENAQ	01	MAENAQ	00	1	TDD	HQ		23	B		
06347		XA231	44											GND	01				TDD						
18829		XA231	45			XA235	48			16B	9			MAENAP	01	MAENAP	00	1	TDD	HP		24	B		
18828		XA231	46											MPPASA	04	MAENAN	01	1	TDD	HN		21	A		
22164		XA231	47			XA234	18			16B	9			MTC13P	01	MTC13P	00	1	TDD	GP		25	B	TMNG STEP 13 *	
18827		XA231	48			XA232	41			16B	9			SPI003	15	MAENAI	01	1	TDD	HI		22	A		
22166		XA231	49											MTC13Q	03	MTC13Q	00	1	TDD	GQ		26	B	TMNG STEP 13	
18830		XA231	50			XA233	69			16B	9			MPPARA	04	MAENAP	01	1	TDD	HP		23	A		
22167		XA231	51			XA230	51			16B	9			SPI008	07	MTC13Q	01	1	TDD	GQ		27	B		
22165		XA231	52			XA232	52			16B	9			MTMRBB	10	MTC13P	01	1	TDD	GP		24	A		
22196		XA231	53			XA231	65			16B	9			SPI003	22	MTC18Q	01	1	TDD	KQ		28	B		
22162		XA231	54			XA232	49			16B	9			MTC12Q	01	MTC13I	01	1	TDD	GI		25	A		
22197		XA231	55											MTC18Q	02	MTC18Q	00	1	TDD	KQ		29	B	TMNG STEP 18	
22163		XA231	56			XA231	60			16B	9			MTCPBB	05	MTC13N	01	1	TDD	GN		26	A		
22194		XA231	57			XA235	49			16B	9			MTC18P	01	MTC18P	00	1	TDD	KP		30	B	TMNG STEP 18 *	
06348		XA231	58											GND	01				TDD			40	A		
22182		XA231	59										M	MTC16P	01	MTC16P	00	1	TDD	JP		31	B	TMNG STEP 16 *	
22193		XA231	60			XA230	60			16B	9			MTCPBB	06	MTC18N	01	1	TDD	KN		28	A		
22184		XA231	61			XA230	68			16B	9			MTC16Q	03	MTC16Q	00	1	TDD	JQ		32	B	TMNG STEP 16	
22192		XA231	62			XA230	61			16B	9			MTC17Q	01	MTC18I	01	1	TDD	KI		29	A		
22185		XA231	63			XA231	51			16B	9			SPI008	06	MTC16Q	01	1	TDD	JQ		33	B		
22195		XA231	64			XA231	66			16B	9			MTMRBB	05	MTC18P	01	1	TDD	KP		30	A		
22220		XA231	65			XA230	65			16B	9			SPI003	23	MTC22Q	01	1	TDD	MQ		34	B		
22183		XA231	66			XA230	66			16B	9			MTMRBB	06	MTC16P	01	1	TDD	JP		31	A		
06349		XA231	67											GND	01				TDD			40	B		
22180		XA231	68			XA230	43			16B	9			MTC15Q	01	MTC16I	01	1	TDD	JI		32	A		
22218		XA231	69											MTC22P	09	MTC22P	00	1	TDD	MP		35	A	TMNG STEP 22 *	
22181		XA231	70			XA231	79			16B	9			MTCPBB	13	MTC16N	01	1	TDD	JN		33	A		
22216		XA231	71			XA238	13			16B	9			MTC21Q	02	MTC22I	01	1	TDD	MI		36	A		
22217		XA231	72			XA231	70			16B	9			MTCPBB	12	MTC22N	01	1	TDD	MN		34	A		
22219		XA231	73			XA231	64			16B	9			MTMRBB	04	MTC22P	01	1	TDD	MP		36	B		
22221		XA231	74			XA236	70			16B	9			MTC22Q	02	MTC22Q	00	1	TDD	MQ		35	B	TMNG STEP 22	
22206		XA231	75			XA231	73			16B	9			MTMRBB	03	MTC20P	01	1	TDD	LP		37	B		

CONNECTOR XA231) CONTINUED ON THE NEXT PAGE ****

RECORD NUMBER	FROM PREFIX	FROM CONNECTOR	FROM PIN	FROM SH FG	TO PREFIX	TO CONNECTOR	TO PIN	TO SH FG	WIRE MULTI GROUP	WIRE CODE	WIRE COLOR	WIRE IDENT	SPEC NOT USED	SIGNAL	SEQ NO	EQUATION	TERM	FACTOR	CKT OR CHIP TYPE	GROUP	LOAD OR POWER PLANE	TEST POINTS AND	TEST POINTS OR	SIGNAL DESCRIPTION	ECO NO
22207		XA231	76										M	MTC20P	02	MTC20P	00	1	TDD	LP		37A		TMNG STEP 20 *	
22204		XA231	77			XA230	55			16B	9			MTC19Q	01	MTC20I	01	1	TDD	LI		38B			
22208		XA231	78											MTC20Q	02	MTC20Q	00	1	TDD	LQ		38A		TMNG STEP 20	
22205		XA231	79			XA230	79			16B	9			MTCPBB	14	MTC20N	01	1	TDD	LN		39B			
22209		XA231	80			XA230	80			16B	9			SPI008	02	MTC20Q	01	1	TDD	LQ		39A			
22097		XA232	01			XA231	14			16B	9			MTCPAB	02	MTC02N	01	1	TDD	BN		02B			
06350		XA232	02											GND	01				TDD			01B			
22100		XA232	03			XA232	17			16B	9			SPI003	06	MTC02Q	01	1	TDD	BQ		02A			
22098		XA232	04			XA232	06			16B	9			MTMRAB	11	MTC02P	01	1	TDD	BP		04A			
22096		XA232	05			XA231	13			16B	9			MTC01Q	01	MTC02I	01	1	TDD	BI		03B			
22086		XA232	06			XA234	01			16B	9			MTMRAB	12	MTC00P	01	1	TDD	AP		05A			
22101		XA232	07											MTC02Q	02	MTC02Q	00	1	TDD	BQ		03A		TMNG STEP 2	
22084		XA232	08			XA233	21			16B	9			MTCONS	01	MTC00I	01	1	TDD	AI		06A			
22099		XA232	09											MTC02P	03	MTC02P	00	1	TDD	BP		04B		TMNG STEP 2 *	
22085		XA232	10			XA232	14			16B	9			MTCPAB	05	MTC00N	01	1	TDD	AN		07A			
22087		XA232	11											MTC00P	05	MTC00P	00	1	TDD	AP		05B		TMNG STEP 0 *	
06351		XA232	12											+5V	01				TDD						
22088		XA232	13			XA235	41			16B	9			MTC00Q	02	MTC00Q	00	1	TDD	AQ		06B		TMNG STEP 0	
22121		XA232	14			XA234	21			16B	9			MTCPAB	06	MTC06N	01	1	TDD	DN		09A			
22089		XA232	15			XA231	15			16B	9			SPI008	15	MTC00Q	01	1	TDD	AQ		07B			
06352		XA232	16											GND	01				TDD			20B			
22124		XA232	17			XA231	17			16B	9			SPI003	07	MTC06Q	01	1	TDD	DQ		08B			
22120		XA232	18			XA237	08			16B	9			MTC05Q	02	MTC06I	01	1	TDD	DI		10A			
22125		XA232	19			XA234	73			16B	9			MTC06Q	03	MTC06Q	00	1	TDD	DQ		09B		TMNG STEP 6	
22122		XA232	20			XA231	20			16B	9			MTMRAB	06	MTC06P	01	1	TDD	DP		11A			
22123		XA232	21			XA234	53			16B	9			MTC06P	02	MTC06P	00	1	TDD	DP		10B		TMNG STEP 6 *	
22110		XA232	22			XA232	20			16B	9			MTMRAB	05	MTC04P	01	1	TDD	CP		12A			
22111		XA232	23											MTC04P	04	MTC04P	00	1	TDD	CP		11B		TMNG STEP 4 *	
22108		XA232	24			XA235	35			16B	9			MTC03Q	02	MTC04I	01	1	TDD	CI		13A			
22112		XA232	25											MTC04Q	02	MTC04Q	00	1	TDD	CQ		12B		TMNG STEP 4	
22109		XA232	26			XA231	26			16B	9			MTCPAB	10	MTC04N	01	1	TDD	CN		14A			
22113		XA232	27			XA232	15			16B	9			SPI008	14	MTC04Q	01	1	TDD	CQ		13B			
06353		XA232	28											+5V	01				TDD						
22148		XA232	29			XA231	48			16B	9			SPI003	14	MTC10Q	01	1	TDD	FQ		14B			
22145		XA232	30			XA232	26			16B	9			MTCPAB	09	MTC10N	01	1	TDD	FN		15A			
22149		XA232	31			XA231	34			16B	9			MTC10Q	01	MTC10Q	00	1	TDD	FQ		15B		TMNG STEP 10	
06354		XA232	32											GND	01				TDD			21B			
22146		XA232	33			XA236	08			16B	9			MTC10P	01	MTC10P	00	1	TDD	FP		16B		TMNG STEP 10 *	
22144		XA232	34			XA231	37			16B	9			MTC09Q	01	MTC10I	01	1	TDD	FI		16A			
22134		XA232	35			XA335	78			16B	9			MTC08P	01	MTC08P	00	1	TDD	EP		17B		TMNG STEP 8 *	
22147		XA232	36			XA232	22			16B	9			MTMRAB	04	MTC10P	01	1	TDD	FP		17A			
22136		XA232	37			XA236	03			16B	9			MTC08Q	02	MTC08Q	00	1	TDD	EQ		18B		TMNG STEP 8	
22135		XA232	38			XA232	36			16B	9			MTMRAB	03	MTC08P	01	1	TDD	EP		18A			
22137		XA232	39			XA231	39			16B	9			SPI008	10	MTC08Q	01	1	TDD	EQ		19B			
22132		XA232	40			XA231	19			16B	9			MTC07Q	01	MTC08I	01	1	TDD	EI		19A			
22172		XA232	41			XA230	41			16B	9			SPI003	16	MTC14Q	01	1	TDD	HQ		22B			
22133		XA232	42											MTCPAB	14	MTC08N	01	1	TDD	EN		20A			
22173		XA232	43			XA236	10			16B	9			MTC14Q	04	MTC14Q	00	1	TDD	HQ		23B		TMNG STEP 14	

CONNECTOR (XA232) CONTINUED ON THE NEXT PAGE ****

RECORD NUMBER	FROM PREFIX	FROM CONNECTOR	FROM PIN	FROM SH FG	TO PREFIX	TO CONNECTOR	TO PIN	TO SH FG	WIRE MULTI GROUP	WIRE CODE	WIRE COLOR	WIRE IDENT	SPEC INST MISC	SIGNAL	SEQ NO	EQUATION	TERM	FACTOR	CKT OR CHIP TYPE	GROUP	LOAD OR POWER PLANE	TEST POINTS ANC	TEST POINTS OR	SIGNAL DESCRIPTION	ECO NO
06355		XA232	44											GND	01				TDD				27A		
22170		XA232	45										M	MTC14P	01	MTC14P	00	1	TDD	HP			24B	TMNG STEP 14 *	
22169		XA232	46			XA232	56			16B	9			MTCPBB	03	MTC14N	01	1	TDD	HN			21A		
22158		XA232	47			XA233	53			16B	9			MTC12P	01	MTC12P	00	1	TDD	GP			25B	TMNG STEP 12 *	
22168		XA232	48			XA231	49			16B	9			MTC13Q	02	MTC14I	01	1	TDD	HI			22A		
22160		XA232	49											MTC12Q	02	MTC12Q	00	1	TDD	GQ			26B	TMNG STEP 12	
22171		XA232	50			XA234	15			16B	9			MTMRBB	12	MTC14P	01	1	TDD	HP			23A		
22161		XA232	51			XA232	39			16B	9			SPIO08	09	MTC12Q	01	1	TDD	GQ			27B		
22159		XA232	52			XA232	50			16B	9			MTMRBB	11	MTC12P	01	1	TDD	GP			24A		
21041		XA232	53											MPBS1A	02	MPBA1Q	01	1	TDD	KQ			28B		
22156		XA232	54											MTC11Q	02	MTC12I	01	1	TDD	GI			25A		
21042		XA232	55			XA335	03			16B	9			MPBA1Q	01	MPBA1Q	00	1	TDD	KQ			29B	MBA REG BIT 12	
22157		XA232	56			XA231	56			16B	9			MTCPBB	04	MTC12N	01	1	TDD	GN			26A		
21039		XA232	57											MPBA1P	05	MPBA1P	00	1	TDD	KP			30B	MBA REG BIT 12 *	
06356		XA232	58											GND	01				TDD				40A		
21033		XA232	59											MPBA0P	05	MPBA0P	00	1	TDD	JP			31B	MBA REG BIT 13 *	
21038		XA232	60			XA232	70			16B	9			MPBAC0	02	MPBA1N	01	1	TDD	KN			28A		
21035		XA232	61			XA335	08			16B	9			MPBA0Q	01	MPBA0Q	00	1	TDD	JQ			32B	MBA REG BIT 13	
21037		XA232	62							16B	9			MRA21P	03	MPBA1I	01	1	TDD	KI			29A		
21036		XA232	63			XA238	60			16B	9			MPBS0A	01	MPBA0Q	01	1	TDD	JQ			33B		
21040		XA232	64											MPBC1A	03	MPBA1P	01	1	TDD	KP			30A		
21053		XA232	65											MPBS3A	02	MPBA3Q	01	1	TDD	MQ			34B		
21034		XA232	66											MPBC0A	03	MPBA0P	01	1	TDD	JP			31A		
06357		XA232	67											GND	01				TDD				40B		
21031		XA232	68			XA132	49			16B	9			MRA20P	02	MPBA0I	01	1	TDD	JI			32A		
21051		XA232	69											MPBA3P	05	MPBA3P	00	1	TDD	MP			35A	MBA REG BIT 10 *	
21032		XA232	70			XA232	72			16B	9			MPBAC0	03	MPBA0N	01	1	TDD	JN			33A		
21049		XA232	71			XA229	57			16B	9			MRA23P	02	MPBA3I	01	1	TDD	MI			36A		
21050		XA232	72			XA238	72			16B	9			MPBAC0	04	MPBA3N	01	1	TDD	MN			34A		
21052		XA232	73											MPBC3A	03	MPBA3P	01	1	TDD	MP			36B		
21054		XA232	74			XA335	24			16B	9			MPBA3Q	01	MPBA3Q	00	1	TDD	MQ			35B	MBA REG BIT 10	
21045		XA232	75			XA237	63			16B	9			MPBC2A	01	MPBA2P	01	1	TDD	LP			37B		
21046		XA232	76											MPBA2P	05	MPBA2P	00	1	TDD	LP			37A	MBA REG BIT 11 *	
21043		XA232	77			XA229	59			16B	9			MRA22P	02	MPBA2I	01	1	TDD	LI			38B		
21047		XA232	78			XA335	11			16B	9			MPBA2Q	01	MPBA2Q	00	1	TDD	LQ			38A	MBA REG BIT 11	
21044		XA232	79			XA232	60			16B	9			MPBAC0	01	MPBA2N	01	1	TDD	LN			39B		
21048		XA232	80			XA238	63			16B	9			MPBS2A	01	MPBA2Q	01	1	TDD	LQ			39A		
18816		XA233	01											MAACTO	02	MAACTO	00	1	TQ2	A2			02B	MBA ACT PORT A INV	
06358		XA233	02											GND	01				TQ2				01A		
19256		XA233	03			XA239	35			16B	9			MBACTA	01	MBACTO	01	1	TQ2	A3			02A		
18817		XA233	04											MAACTA	02	MAACTO	01	1	TQ2	A2			04A		
18818		XA233	05			XA233	07			16B	9			SPIO11	01	MAACTO	01	2	TQ2	A2			03B		
20996		XA233	06											MPACTR	02	MPACTR	00	1	TQ2	A1			05A	ACTIVE LATCH *	
19257		XA233	07			XA233	20			16B	9			SPIO11	02	MBACTO	01	2	TQ2	A3			03A		
20997		XA233	08											MPACTS	07	MPACTR	01	1	TQ2	A1			06A		
19258		XA233	09											MBACTO	02	MBACTO	00	1	TQ2	A3			04B	MBA ACT PORT B INV	
20998		XA233	10											MPCTRA	02	MPACTR	01	2	TQ2	A1			07A		
18879		XA233	11			XA240	27			16B	9			MAHDSA	01	MAHLDS	01	1	TQ2	A4			05B		

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Litton DATA SYSTEMS

DRAWING NUMBER 149304-880 UNIT ASSEMBLY NO. 149304 REV G INDEX XA233

UNIT ASSEMBLY CARD CAGE WIRED, MCU CONNECTOR FILE IDENT T39AMCMU DATE 09-02-82 PAGE 207

RECORD NUMBER	FROM PREFIX	FROM CONNECTOR	FROM PIN	FROM SH FG	TO PREFIX	TO CONNECTOR	TO PIN	TO SH FG	WIRE MULTI GROUP	WIRE CODE	WIRE COLOR	WIRE IDENT	SPEC INST MARK	SIGNAL	SEQ NO	EQUATION	TERM	FACTOR	CKT OR CHIP TYPE	GROUP	LOAD OR POWER PLANE	TEST POINTS AND	TEST POINTS OR	SIGNAL DESCRIPTION	ECO NO
06359		XA233	12											+5V	01				TQ2						
18880		XA233	13											MAHLDR	04	MAHLDS	01	2	TQ2	A4		04B			
21389		XA233	14											MPSBGO	05	MPSBGO	00	1	TQ2	B2		09A		S1B WINDOW	
18881		XA233	15			XA334	30			16B	9			MAHLDS	01	MAHLDS	00	1	TQ2	A4		07B		PORT A HOLD LATCH	
06360		XA233	16											GND	01				TQ2			01B			
22081		XA233	17			XA337	59			16B	9			MTSRTA	01	MTCONS	01	1	TQ2	B3		08B			
21390		XA233	18											MPSBGA	02	MPSBGO	01	1	TQ2	B2		10A			
22082		XA233	19											MTCONR	02	MTCONS	01	2	TQ2	B3		09B			
21391		XA233	20			XA233	56			16B	9			SPI011	03	MPSBGO	01	2	TQ2	B2		11A			
22083		XA233	21			XA240	52			16B	9			MTCONS	02	MTCONS	00	1	TQ2	B3		10B		TMNG GEN CONTROL	
19319		XA233	22			XA239	43			16B	9			MBHLDS	01	MBHLDS	00	1	TQ2	B1		12A		PORT B HOLD LATCH	
19287		XA233	23			XA233	05			16B	9			SPI011	005	MBENEO	01	1	TQ2	B4		11B			
19320		XA233	24			XA240	31			16B	9			MBHDSA	01	MBHLDS	01	1	TQ2	B1		13A			
19288		XA233	25			XA235	46			16B	9			MBENAA	01	MBENEO	01	2	TQ2	B4		12B			
19321		XA233	26											MBHLDR	06	MBHLDS	01	2	TQ2	B1		14A			
19289		XA233	27			XA240	29			16B	9			MBENEO	02	MBENEO	00	1	TQ2	B4		13B		PRIORITY PORT B	
06361		XA233	28											+5V	01				TQ2						
18915		XA233	29			XA334	23			16B	9			MAMMCA	01	MAMMCO	01	1	TQ2	C3		14B			
21021		XA233	30			XA337	52			16B	9			MPANTO	01	MPANTO	00	1	TQ2	C2		15A		A HOLD	
18916		XA233	31			XA239	34			16B	9			SPI011	08	MAMMCO	01	2	TQ2	C3		15B			
06362		XA233	32											GND	01				TQ2			20B			
18917		XA233	33											MAMMCO	02	MAMMCO	00	1	TQ2	C3		16B		MBA COMP PT A 6-9	
21022		XA233	34			XA239	69			16B	9			MPANTA	01	MPANTO	01	1	TQ2	C2		16A			
19355		XA233	35			XA334	21			16B	9			MBMMCA	01	MBMMCO	01	1	TQ2	C4		17B			
21023		XA233	36			XA238	80			16B	9			MPHLDA	01	MPANTO	01	2	TQ2	C2		17A			
19356		XA233	37			XA233	31			16B	9			SPI011	07	MBMMCO	01	2	TQ2	C4		18B			
18847		XA233	38											MAENEO	11	MAENEO	00	1	TQ2	C1		18A		PRIORITY PORT A	
19357		XA233	39											MBMMCO	02	MBMMCO	00	1	TQ2	C4		19B		MBA COMP PT B 6-9	
18848		XA233	40			XA234	60			16B	9			MAENAA	01	MAENEO	01	1	TQ2	C1		19A			
19602		XA233	41			XA221	29			16B	9			MBY12OX	03	MBY12A	01	1	TQ2	D3		22B			
18849		XA233	42			XA233	23			16B	9			SPI011	00C	MAENEO	01	2	TQ2	C1		20A			
19603		XA233	43			XA233	37			16B	9			SPI011	06	MBY12A	01	2	TQ2	D3		23B			
06363		XA233	44											GND	01				TQ2			21B			
19604		XA233	45											MBY12A	02	MBY12A	00	1	TQ2	D3		24B		12 BIT PORT B*	
19595		XA233	46											MBY11A	02	MBY11A	00	1	TQ2	D2		21A		11 BIT PORT B*	
19609		XA233	47			XA221	35			16B	9			MBY13OX	03	MBY13A	01	1	TQ2	D4		25B			
19596		XA233	48			XA221	03			16B	9			MBY11OX	03	MBY11A	01	1	TQ2	D2		22A			
19610		XA233	49											SPI013	32	MBY13A	01	2	TQ2	D4		26B			
19597		XA233	50			XA233	43			16B	9			SPI011	05	MBY11A	01	2	TQ2	D2		23A			
19611		XA233	51											MBY13A	02	MBY13A	00	1	TQ2	D4		27B		13 BIT PORT B*	
19588		XA233	52			XA335	66			16B	9			MBY10A	01	MBY10A	00	1	TQ2	D1		24A		10 BIT PORT B*	
22717		XA233	53			XA233	59			16B	9			MTC12P	02	MUPDBA	01	1	TQ2	E3		28B			
19589		XA233	54			XA221	10			16B	9			MBY100X	03	MBY10A	01	1	TQ2	D1		25A			
22718		XA233	55			XA233	61			16B	9			MTC14Q	08	MUPDBA	01	2	TQ2	E3		29B			
19590		XA233	56			XA233	50			16B	9			SPI011	04	MBY10A	01	2	TQ2	D1		26A			
22719		XA233	57										J	MUPDBA	01	MUPDBA	00	1	TQ2	E3		30B		MUPDGB BUSS	
22723		XA233	57			XA233	63			16B	9		P	MUPDBA	34	MUPDGB	02	1	TQ2	E3		30B			
06364		XA233	58											GND	01				TQ2			27A			
22720		XA233	59			XA233	62			16B	9			MTC12P	03	MUPDCA	01	1	TQ2	E4		31B			
22714		XA233	60										J	MUPDAA	01	MUPDAA	00	1	TQ2	E2		28A		MUPDGB BUSS	

CONNECTOR XA233 CONTINUED ON THE NEXT PAGE ****

Litton DATA SYSTEMS

DRAWING NUMBER 149304-880 UNIT ASSEMBLY NO. 149304 REV G INDEX XA233

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RECORD NUMBER	FROM PREFIX	FROM CONNECTOR	FROM PIN	FROM SH FG	TO PREFIX	TO CONNECTOR	TO PIN	TO SH FG	WIRE MULTI GROUP	WIRE CODE	WIRE COLOR	WIRE IDENT	SPC INST MISC	SIGNAL	SEC NO	EQUATION	TERM	FACTOR	CKT OR CHIP TYPE	GROUP	LOAD OR POWER PLANE	TEST POINTS ANC	TEST POINTS OR	SIGNAL DESCRIPTION	ECO NO
22724		XA233	60			XA233	57			16B	9		P	MUPDAA	33	MUPDGB	01	1	TQ2	E2		28A		BIT POST DISCHARGE	
22721		XA233	61			XA234	20			16B	9			MTC14Q	09	MUPDCA	01	2	TQ2	E4		32B			
22715		XA233	62											MTC12P	04	MUPDAA	01	1	TQ2	E2		29A			
22722		XA233	63										J	MUPDCA	01	MUPDCA	00	1	TQ2	E4		33B		MUPDGB BUSS	
22725		XA233	63										P	MUPDCA	35	MUPDGB	03	1	TQ2	E4		33B			
22716		XA233	64			XA233	55			16B	9			MTC14Q	07	MUPDAA	01	2	TQ2	E2		30A			
21177		XA233	65			XA319	55			16B	9			SPI012	20	MPPARA	01	1	TQ2	F3		34B			
20955		XA233	66			XA237	40			16B	9			MMMTRO	01	MMMTRO	00	1	TQ2	E1		31A		CUR ERR RESET	
06365		XA233	67											GND	01				TQ2			40A			
20956		XA233	68			XA235	73			16B	9			MPMRER	00	MMMTRO	01	1	TQ2	E1		32A			
21178		XA233	69											MPPARA	05	MPPARA	00	1	TQ2	F3		35A			
20957		XA233	70			XA240	06			16B	9			MMTREA	02	MMMTRO	01	2	TQ2	E1		33A			
21112		XA233	71											MPENTS	04	MPENTR	01	1	TQ2	F2		36A			
21113		XA233	72			XA337	13			16B	9			MPENTR	01	MPENTR	00	1	TQ2	F2		34A		PRIORITY ENABLED	
21114		XA233	73			XA239	79			16B	9			MTMRAB	15	MPENTR	01	2	TQ2	F2		36B			
21179		XA233	74			XA235	69			16B	9			MPPARO	01	MPPARA	01	2	TQ2	F3		35B			
06366		XA233	75											SPO	01		00	1	TQ2	F1		37B			
06367		XA233	76			XA241	73			16B	9			SPI013	29		01	1	TQ2	E4		37A			
06368		XA233	77			XA233	65			16B	9			SPI012	19		01	1	TQ2	F1		38B			
06369		XA233	78			XA233	77			16B	9			SPI012	18		01	2	TQ2	F4		38A			
06370		XA233	79			XA233	76			16B	9			SPI013	28		01	2	TQ2	F1		39B			
06371		XA233	80											SPO	01		00	1	TQ2	E4		39A			
22222		XA234	01			XA234	06			16B	9		P	MTMR2A	13	MTMRAB	01	2	TQ2	A2		02B			
22229		XA234	01										J	MTMR2A	01	MTMR2A	00	1	TQ2	A2		02B		MTMRAB BUSS	
06372		XA234	02											GND	01				TQ2			01A			
22232		XA234	03			XA234	11			16B	9			MTRSTP	03	MTMR3A	01	1	TQ2	A3		02A			
22230		XA234	04			XA234	03			16B	9			MTRSTP	02	MTMR2A	01	1	TQ2	A2		04A			
22231		XA234	05			XA234	07			16B	9			SPI008	19	MTMR2A	01	2	TQ2	A2		03B			
22223		XA234	06			XA233	73			16B	9		P	MTMR1A	14	MTMRAB	01	1	TQ2	A1		05A		TMNG GEN RESET *	
22226		XA234	06										J	MTMR1A	01	MTMR1A	00	1	TQ2	A1		05A		MTMRAB BUSS	
22233		XA234	07			XA234	10			16B	9			SPI008	20	MTMR3A	01	2	TQ2	A3		03A			
22227		XA234	08			XA234	04			16B	9			MTRSTP	01	MTMR1A	01	1	TQ2	A1		06A			
22224		XA234	09			XA240	56			16B	9		P	MTMR3A	14	MTMRBB	01	1	TQ2	A3		04B		TMNG GEN RESET *	
22234		XA234	09										J	MTMR3A	01	MTMR3A	00	1	TQ2	A3		04B		MTMRBB BUSS	
22228		XA234	10			XA234	13			16B	9			SPI008	21	MTMR1A	01	2	TQ2	A1		07A			
22235		XA234	11			XA230	47			16B	9			MTRSTP	04	MTMR4A	01	1	TQ2	A4		05B			
06373		XA234	12											+5V	01				TQ2						
22236		XA234	13			XA234	19			16B	9			SPI008	22	MTMR4A	01	2	TQ2	A4		06B			
22284		XA234	14											MTSTPA	02	MTSTPA	00	1	TQ2	B2		09A		TMNG WRITE 13-13	
22225		XA234	15			XA234	09			16B	9		P	MTMR4A	13	MTMRBB	01	2	TQ2	A4		07B			
22237		XA234	15										J	MTMR4A	01	MTMR4A	00	1	TQ2	A4		07B		MTMRBB BUSS	
06374		XA234	16											GND	01				TQ2			01B			
22065		XA234	17			XA235	06			16B	9			MTCLKO	04	MTCP1A	01	1	TQ2	B3		08B			
22285		XA234	18											MTC13P	02	MTSTPA	01	1	TQ2	B2		10A			
22066		XA234	19			XA234	25			16B	9			SPI008	23	MTCP1A	01	2	TQ2	B3		09B			
22286		XA234	20							16B	9			MTC14Q	10	MTSTPA	01	2	TQ2	B2		11A			
22061		XA234	21			XA234	27			16B	9		P	MTCP1A	07	MTCPAB	01	1	TQ2	B3		10B		TMNG GEN CLK A	
22067		XA234	21										J	MTCP1A	01	MTCP1A	00	1	TQ2	B3		10B		MTCPAB BUSS	

CONNECTOR (XA234) CONTINUED ON THE NEXT PAGE ****

RECORD NUMBER	FROM PREFIX	FROM CONNECTOR	FROM PIN	FROM SUFFIX	TO PREFIX	TO CONNECTOR	TO PIN	TO SUFFIX	WIRE MULTI GROUP	WIRE CODE	WIRE COLOR	WIRE IDENT	CONT TYPE	SIGNAL	REF NO	EQUATION	TERM	LOC	DRIVER CHIP TYPE	GROUP	LOAD UP POWER FLAG	TEST POINTS PNL	TEST POINTS PIN	SIGNAL DESCRIPTION	ECO NO
22051		XA234	22			XA230	52			16B	9			MTAMRA	01	MTAMRA	00	1	TQ2	B1			12A	TMNG GEN RESET *	
22068		XA234	23			XA234	17			16B	9			MTCLK0	03	MTCP2A	01	1	TQ2	B4			11B		
22052		XA234	24											MTAMR0	02	MTAMRA	01	1	TQ2	B1			13A		
22069		XA234	25			XA234	26			16B	9			SPI008	24	MTCP2A	01	2	TQ2	B4			12B		
22053		XA234	26			XA234	36			16B	9			SPI008	25	MTAMRA	01	2	TQ2	B1			14A		
22062		XA234	27			XA232	30			16B	9		P	MTCP2A	08	MTCPAB	01	2	TQ2	B4			13B		
22070		XA234	27										J	MTCP2A	01	MTCP2A	00	1	TQ2	B4			13B	MTCPAB BUSS	
06375		XA234	28											+5V	01				TQ2						
23223		XA234	29			XA235	22			16B	9			MWG01A	01	MWG010	01	1	TQ2	C3			14B		
22063		XA234	30			XA234	38			16B	9		P	MTCP4A	01	MTCPBB	01	2	TQ2	C2			15A		
22074		XA234	30										J	MTCP4A	01	MTCP4A	00	1	TQ2	C2			15A	MTCPBB BUSS	
23224		XA234	31											SPI008	34	MWG010	01	2	TQ2	C3			15B		
06376		XA234	32											GND	01				TQ2				20B		
23225		XA234	33											MWG010	08	MWG010	00	1	TQ2	C3			16B	WORD GRP 1 DEC	
22075		XA234	34			XA234	23			16B	9			MTCLK0	02	MTCP4A	01	1	TQ2	C2			16A		
23229		XA234	35											MWG02A	02	MWG020	01	1	TQ2	C4			17B		
22076		XA234	36			XA234	42			16B	9			SPI008	26	MTCP4A	01	2	TQ2	C2			17A		
23230		XA234	37			XA234	31			16B	9			SPI008	33	MWG020	01	2	TQ2	C4			18B		
22064		XA234	38			XA232	46			16B	9		P	MTCP3A	02	MTCPBB	01	1	TQ2	C1			18A	TMNG GEN CLK B	
22071		XA234	38										J	MTCP3A	01	MTCP3A	00	1	TQ2	C1			18A	MTCPBB BUSS	
23231		XA234	39											MWG020	08	MWG020	00	1	TQ2	C4			19B	WORD GRP 2 DEC	
22072		XA234	40			XA234	34			16B	9			MTCLK0	01	MTCP3A	01	1	TQ2	C1			19A		
23501		XA234	41											MWWOTA	03	MWWOT0	01	1	TQ2	D3			22B		
22073		XA234	42			XA234	43			16B	9			SPI008	27	MTCP3A	01	2	TQ2	C1			20A		
23502		XA234	43			XA234	50			16B	9			SPI008	28	MWWOT0	01	2	TQ2	D3			23B		
06377		XA234	44											GND	01				TQ2				21B		
23503		XA234	45			XA542	53			16B	9			MWWOT0	01	MWWOT0	00	1	TQ2	D3			24B	WRD WRT SRCE TMG *	
23241		XA234	46											MWG040	08	MWG040	00	1	TQ2	D2			21A	WORD GRP 4 DEC	
23486		XA234	47			XA234	41			16B	9			MWWOTA	02	MWWIT0	01	1	TQ2	D4			25B		
23242		XA234	48											MWG04A	02	MWG040	01	1	TQ2	D2			22A		
23487		XA234	49			XA234	70			16B	9			MWPDCB	17	MWWIT0	01	2	TQ2	D4			26B		
23243		XA234	50			XA234	56			16B	9			SPI008	30	MWG040	01	2	TQ2	D2			23A		
23488		XA234	51											MWWIT0	09	MWWIT0	00	1	TQ2	D4			27B	WRD WRT SINK TMG *	
23235		XA234	52			XA542	31			16B	9			MWG030	01	MWG030	00	1	TQ2	D1			24A	WORD GRP 3 DEC	
22272		XA234	53							16B	9			MTC06P	03	MTR21A	01	1	TQ2	E3			28B		
23236		XA234	54											MWG03A	02	MWG030	01	1	TQ2	D1			25A		
22273		XA234	55			XA232	40			16B	9			MTC07Q	00	MTR21A	01	2	TQ2	E3			29B		
23237		XA234	56			XA234	37			16B	9			SPI008	31	MWG030	01	2	TQ2	D1			26A		
22274		XA234	57			XA237	31			16B	9			MTR21A	01	MTR21A	00	1	TQ2	E3			30B	TMNG WRITE 6-6 *	
06378		XA234	58											GND	01				TQ2				27A		
22250		XA234	59			XA239	75			16B	9			MTC01Q	03	MTR01A	01	1	TQ2	E4			31B		
18822		XA234	60			XA338	29			16B	9			MAENAA	02	MAENAA	02	1	TQ2	E2			28A		
22251		XA234	61			XA232	09			16B	9			MTC02P	02	MTR01A	01	2	TQ2	E4			32B		
18823		XA234	62											MAENAQ	02	MAENAA	01	1	TQ2	E2			29A		
22252		XA234	63											MTR01A	06	MTR01A	00	1	TQ2	E4			33B	TMNG READ 1-1 *	
18824		XA234	64			XA234	74			16B	9			SPI010	24	MAENAA	01	2	TQ2	E2			30A		
21158		XA234	65			XA236	43			16B	9			MPMRBA	01	MPMRC0	01	1	TQ2	F3			34B		
23280		XA234	66											MWREAQ	13	MWREA0	00	1	TQ2	E1			31A	WRD RD SINK TMG	
06379		XA234	67											GND	01				TQ2				40A		
23281		XA234	68			XA235	33			16B	9			MWRETA	01	MWREA0	01	1	TQ2	E1			32A		

CONNECTOR XA234 CONTINUED ON THE NEXT PAGE ****

RECORD NUMBER	FROM PREFIX	FROM CONNECTOR	FROM PIN	FROM SH FG	TO PREFIX	TO CONNECTOR	TO PIN	TO SH FG	WIRE MULTI GROUP	WIRE CODE	WIRE COLOR	WIRE IDENT	WIRE SPLICE/SOC	SIGNAL	SEQ NO	EQUATION	TERM	FACTOR	CKT OR CHIP TYPE	SHT	LOAD OR POWER PLANE	TEST POINTS ENT OF	SIGNAL DESCRIPTION	ECO NO
21159		XA234	69											MPMRC0	11	MPMRC0	00	1	TQ2	F3		35A	MEM RST	
23282		XA234	70			XA238	15			16B	9			MWPDCB	18	MWREA0	01	2	TQ2	E1		33A		
22291		XA234	71			XA231	23			16B	9			MTC05P	01	MTW05A	01	1	TQ2	F2		36A		
22292		XA234	72			XA235	74			16B	9			MTW05A	01	MTW05A	00	1	TQ2	F2		34A	TMNG WRITE 5-5 *	
22293		XA234	73											MTC06Q	04	MTW05A	01	2	TQ2	F2		36B		
21160		XA234	74			XA235	36			16B	9			SPI010	25	MPMRC0	01	2	TQ2	F3		35B		
22256		XA234	75			XA235	77			16B	9			MTR05A	03	MTR05A	00	1	TQ2	F1		37B	TMNG READ 5-5 *	
21386		XA234	76			XA237	66			16B	9			MPRMW0	01	MPSBGA	01	1	TQ2	F4		37A		
22257		XA234	77											MTC05Q	07	MTR05A	01	1	TQ2	F1		38B		
21387		XA234	78			XA234	77			16B	9			MTC05Q	06	MPSBGA	01	2	TQ2	F4		38A		
22258		XA234	79			XA232	21			16B	9			MTC06P	01	MTR05A	01	2	TQ2	F1		39B		
21388		XA234	80			XA233	18			16B	9			MPSBGA	01	MPSBGA	00	1	TQ2	F4		39A	S1B WINDOW *	
23325		XA235	01			XA338	62			16B	9			MWSETA	01	MWSETA	00	1	TQ2	A2		02B	WORD RD SRCE TMG*	
06380		XA235	02											GND	01				TQ2			01A		
21510		XA235	03			XA235	20			16B	9			MRA25Q	01	MRA250	01	1	TQ2	A3		02A		
23326		XA235	04							16B	9			MTC03Q	06	MWSETA	01	1	TQ2	A2		04A		
23327		XA235	05			XA236	05			16B	9			MTC19P	05	MWSETA	01	2	TQ2	A2		03B		
22058		XA235	06											MTCLK0	05	MTCLK0	00	1	TQ2	A1		05A	TMNG GEN CLK *	
21511		XA235	07			XA235	10			16B	9			SPI010	03	MRA250	01	2	TQ2	A3		03A		
22059		XA235	08			XA242	48			16B	9			MTCLKA	01	MTCLK0	01	1	TQ2	A1		06A		
21512		XA235	09											MRA250	09	MRA250	00	1	TQ2	A3		04B		
22060		XA235	10			XA237	07			16B	9			SPI010	04	MTCLK0	01	2	TQ2	A1		07A		
21501		XA235	11			XA235	19			16B	9			MRA25P	01	MRA25A	01	1	TQ2	A4		05B		
06381		XA235	12											+5V	01				TQ2					
21502		XA235	13			XA235	07			16B	9			SPI010	01	MRA25A	01	2	TQ2	A4		06B		
23226		XA235	14			XA234	35			16B	9			MWG02A	01	MWG02A	00	1	TQ2	B2		09A	WORD GRP 2 DEC *	
21503		XA235	15			XA339	07			16B	9			MRA25A	01	MRA25A	00	1	TQ2	A4		07B	BIT 25 ADR*	
06382		XA235	16											GND	01				TQ2			01B		
23232		XA235	17			XA230	13			16B	9			MRA26Q	03	MWG03A	01	1	TQ2	B3		08B		
23227		XA235	18			XA239	22			16B	9			MRA26P	03	MWG02A	01	1	TQ2	B2		10A		
23233		XA235	19			XA235	25			16B	9			MRA25P	02	MWG03A	01	2	TQ2	B3		09B		
23228		XA235	20			XA235	26			16B	9			MRA25Q	02	MWG02A	01	2	TQ2	B2		11A		
23234		XA235	21			XA234	54			16B	9			MWG03A	01	MWG03A	00	1	TQ2	B3		10B	WORD GRP 3 DEC *	
23220		XA235	22											MWG01A	02	MWG01A	00	1	TQ2	B1		12A	WORD GRP 1 DEC *	
23238		XA235	23			XA235	18			16B	9			MRA26P	02	MWG04A	01	1	TQ2	B4		11B		
23221		XA235	24			XA235	17			16B	9			MRA26Q	02	MWG01A	01	1	TQ2	B1		13A		
23239		XA235	25			XA229	69			16B	9			MRA25P	03	MWG04A	01	2	TQ2	B4		12B		
23222		XA235	26			XA229	74			16B	9			MRA25Q	03	MWG01A	01	2	TQ2	B1		14A		
23240		XA235	27			XA234	48			16B	9			MWG04A	01	MWG04A	00	1	TQ2	B4		13B	WORD GRP 4 DEC *	
06383		XA235	28											+5V	01				TQ2					
23283		XA235	29			XA236	24			16B	9			MTC03Q	04	MWRETA	01	1	TQ2	C3		14B		
06384		XA235	30											SPO	01		00	1	TQ2	C2		15A	WORD WRT SINK TMG*	
23284		XA235	31			XA236	26			16B	9			MTC19P	03	MWRETA	01	2	TQ2	C3		15B		
06385		XA235	32											GND	01				TQ2			20B		
23285		XA235	33							16B	9			MWRETA	03	MWRETA	00	1	TQ2	C3		16B	WORD RD SINK TMG *	
06386		XA235	34			XA233	79			16B	9			SPI013	26		01	1	TQ2	C2		16A		
22833		XA235	35			XA235	29			16B	9			MTC03Q	03	MURSTA	01	1	TQ2	C4		17B		
06387		XA235	36			XA235	40			16B	9			SPI010	25C		01	2	TQ2	C2		17A		

CONNECTOR (XA235) CONTINUED ON THE NEXT PAGE ****

RECORD NUMBER	FROM PREFIX	FROM CONNECTOR	FROM PIN	FROM SH FG	TO PREFIX	TO CONNECTOR	TO PIN	TO SH FG	WIRE MULT GROUP	WIRE CODE	WIRE COLOR	WIRE IDENT	SPEC INST WIRE	SIGNAL	SEQ NO	EQUATION	TERM	FACTOR	CKT OR CHIP TYPE	GRP	LOAD OR POWER PLANE	TEST POINTS AND	TEST POINTS OR	SIGNAL DESCRIPTION	ECO NO
22834		XA235	37			XA235	31			16B	9			MTC19P	02	MURSTA	01	2	TQ2	C4		18B			
06388		XA235	38											SPO	01		00	1	TQ2	C1		18A		WORD WRT SRCE TMG*	
22835		XA235	39			XA240	53			16B	9			MURSTA	01	MURSTA	00	1	TQ2	C4		19B		BIT READ SINK TMG	
06389		XA235	40			XA235	79			16B	9			SPI010	26		01	1	TQ2	C1		19A			
23214		XA235	41			XA235	53			16B	9			MTC00Q	03	MWENTA	01	1	TQ2	D3		22B			
06390		XA235	42			XA231	41			16B	9			SPI009	15		01	2	TQ2	C1		20A			
23215		XA235	43			XA236	49			16B	9			MTC22P	07	MWENTA	01	2	TQ2	D3		23B			
06391		XA235	44											GND	01				TQ2			21B			
23216		XA235	45											MWENTA	03	MWENTA	00	1	TQ2	D3		24B		READ *	
19262		XA235	46			XA338	68			16B	9			MBENAA	02	MBENAA	00	1	TQ2	D2		21A			
22269		XA235	47			XA231	62			16B	9			MTC17Q	005	MTR13A	01	1	TQ2	D4		25B			
19263		XA235	48			XA334	37			16B	9			MAENAP	02	MBENAA	01	1	TQ2	D2		22A			
22270		XA235	49			XA240	47			16B	9			MTC18P	02	MTR13A	01	2	TQ2	D4		26B			
19264		XA235	50											MBENAQ	02	MBENAA	01	2	TQ2	D2		23A			
22271		XA235	51											MTR13A	02	MTR13A	00	1	TQ2	D4		27B		TMNG READ 15-17	
23039		XA235	52											MUWSTA	05	MUWSTA	00	1	TQ2	D1		24A		BIT READ SINK TMG*	
21432		XA235	53			XA235	62			16B	9			MTC00Q	04	MRACCA	01	1	TQ2	E3		28B			
23040		XA235	54			XA235	70			16B	9			MTC01P	00M	MUWSTA	01	1	TQ2	D1		25A			
21433		XA235	55			XA231	11			16B	9			MTC01P	03	MRACCA	01	2	TQ2	E3		29B			
23041		XA235	56			XA232	34			16B	9			MTC09Q	00M	MUWSTA	01	2	TQ2	D1		26A			
21434		XA235	57											MRACCA	08	MRACCA	00	1	TQ2	E3		30B		REG ADR CLOCK *	
06392		XA235	58											GND	01				TQ2			27A			
22253		XA235	59			XA234	63			16B	9			MTR01A	05	MTR010	01	1	TQ2	E4		31B			
21429		XA235	60			XA229	56			16B	9			MRACBA	01	MRACBA	00	1	TQ2	E2		28A		REG ADR CLOCK *	
22254		XA235	61			XA234	64			16B	9			SPI010	23	MTR010	01	2	TQ2	E4		32B			
21430		XA235	62			XA235	68			16B	9			MTC00Q	05	MRACBA	01	1	TQ2	E2		29A			
22255		XA235	63											MTR010	04	MTR010	00	1	TQ2	E4		33B		TMNG READ 1-1	
21431		XA235	64			XA235	55			16B	9			MTC01P	02	MRACBA	01	2	TQ2	E2		30A			
21180		XA235	65			XA233	68			16B	9			MPMRFB	0C	MPPARO	01	1	TQ2	F3		34B			
21426		XA235	66			XA324	01			16B	9			MRACAA	04	MRACAA	00	1	TQ2	E1		31A		REG ADR CLOCK *	
06393		XA235	67											GND	01				TQ2			40A			
21427		XA235	68			XA236	68			16B	9			MTC00Q	06	MRACAA	01	1	TQ2	E1		32A			
21181		XA235	69											MPPARO	02	MPPARO	00	1	TQ2	F3		35A			
21428		XA235	70			XA235	64			16B	9			MTC01P	01	MRACAA	01	2	TQ2	E1		33A			
22266		XA235	71			XA236	19			16B	9			MTR06A	01	MTR060	01	1	TQ2	F2		36A			
22267		XA235	72			XA228	64			16B	9			MTR060	02	MTR060	00	1	TQ2	E2		34A		TMNG READ 6-6	
22268		XA235	73			XA240	17			16B	9			MPMRFB	01	MTR060	01	2	TQ2	F2		36B			
21182		XA235	74											MTW05A	02	MPPARO	01	2	TQ2	F3		35B			
22259		XA235	75			XA239	26			16B	9			MTR050	05	MTR050	00	1	TQ2	F1		37B		TMNG READ 5-5	
21369		XA235	76			XA237	52			16B	9			MPREDA	01	MPREDO	01	1	TQ2	F4		37A			
22260		XA235	77											MTR05A	04	MTR050	01	1	TQ2	F1		38B			
21370		XA235	78			XA237	73			16B	9			SPI010	28	MPREDO	01	2	TQ2	F4		38A			
22261		XA235	79			XA235	78			16B	9			SPI010	27	MTR050	01	2	TQ2	F1		39B			
21371		XA235	80											MPREDO	03	MPREDO	00	1	TQ2	F4		39A		I/O ENABLE TMNG	
23294		XA236	01			XA236	09			16B	9			MPMBAA	01	MWRSTA	01	1	TT3	A2		02B			
06394		XA236	02											GND	01				TT3			01B			
23295		XA236	03							16B	9			MTC08Q	03	MWRSTA	01	2	TT3	A2		02A			
23244		XA236	04											MWPBDA	02	MWPBDA	00	1	TT3	A1		04A		PRE-BIAS TMG DEC *	

CONNECTOR (XA236) CONTINUED ON THE NEXT PAGE ****

RECORD NUMBER	FROM PREFIX	FROM CONNECTOR	FROM PIN	FROM SH FG	TO PREFIX	TO CONNECTOR	TO PIN	TO SH FG	WIRE MULTI GROUP	WIRE CODE	WIRE COLOR	WIRE IDENT	SPC TEST MISC	SIGNAL	SEC NO	EQUATION	TERM	FACTOR	CKT OR CMP TYPE	GROUP	LOAD UP POWER PLANE	TEST POINTS ANC	TEST POINTS OR	SIGNAL DESCRIPTION	ECO NO
23296		XA236	05											MTC19P	06	MWRSTA	01	3	TT3	A2		03B			
23245		XA236	06			XA239	10			16B	9			MDDDJA4	03	MWPBDA	01	1	TT3	A1		05A			
23297		XA236	07			XA529	19			16B	9			MWRSTA	03	MWRSTA	00	1	TT3	A2		03A		READ CUR SRCE TMG*	
23246		XA236	08											MTC10P	02	MWPBDA	01	2	TT3	A1		06A			
22993		XA236	09			XA236	22			16B	9			MPMBAA	02	MUWDTA	01	1	TT3	A3		04B			
23247		XA236	10			XA233	64			16B	9			MTC14Q	06	MWPBDA	01	3	TT3	A1		07A			
22994		XA236	11			XA236	61			16B	9			MTC01P	00	MUWDTA	01	2	TT3	A3		05B			
06395		XA236	12											+5V	01				TT3						
22995		XA236	13			XA236	59			16B	9			MTC09Q	00	MUWDTA	01	3	TT3	A3		06B			
22262		XA236	14			XA235	13			16B	9			SP1010	00	MTR06A	01	1	TT3	B2		09A			
22996		XA236	15			XA320	18			16B	9			MUWDTA	01	MUWDTA	00	1	TT3	A3		07B		BIT WRITE SRC TMG*	
06396		XA236	16											GND	01				TT3			21B			
22263		XA236	17			XA231	18			16B	9			MTC06Q	01	MTR06A	01	2	TT3	B2		08B			
22264		XA236	18											MTC07P	02	MTR06A	01	3	TT3	B2		10A			
22265		XA236	19											MTR06A	02	MTR06A	00	1	TT3	B2		09B		TMNG READ 6-6 *	
22784		XA236	20			XA323	34			16B	9			MURDTA	01	MURDTA	00	1	TT3	B1		11A		BIT READ SRCE TMG*	
21055		XA236	21			XA239	25			16B	9			MPMBAO	04	MPBCIA	01	1	TT3	B3		10B			
22785		XA236	22			XA240	19			16B	9			MPMBAA	04	MURDTA	01	1	TT3	B1		12A			
21056		XA236	23			XA240	68			16B	9			MRA27P	06	MPBCIA	01	2	TT3	B3		11B			
22786		XA236	24			XA235	04			16B	9			MTC03Q	05	MURDTA	01	2	TT3	B1		13A			
21057		XA236	25			XA238	06			16B	9			MTRIN0	02	MPBCIA	01	3	TT3	B3		12B			
22787		XA236	26			XA235	05			16B	9			MTC19P	04	MURDTA	01	3	TT3	B1		14A			
21058		XA236	27			XA238	05			16B	9			MPBCIA	01	MPBCIA	00	1	TT3	B3		13B		MBA CHNG INHIB MEM	
06397		XA236	28											+5V	01				TT3						
20982		XA236	29											MF0TWA1	03	MMT05A	01	1	TT3	C2		14B			
20983		XA236	30											MRA29P	06	MMT05A	01	2	TT3	C2		15A			
20984		XA236	31			XA240	10			16B	9			MMT05A	01	MMT05A	00	1	TT3	C2		15B		OVER TEMP SAMPLE	
06398		XA236	32											GND	01				TT3			27A			
20978		XA236	33											MRA28P	06	MMT01A	01	1	TT3	C3		16B			
20985		XA236	34			XA236	35			16B	9			MRA20P	AA	MMT05A	01	3	TT3	C2		16A			
20979		XA236	35			XA229	47			16B	9			MRA20P	00	MMT01A	01	2	TT3	C3		17B			
23515		XA236	36			XA237	04			16B	9			MWOFFS	01	MWOFFS	00	1	TT3	C1		17A		OFF-LINE	
20980		XA236	37			XA238	30			16B	9			MMEXCR	02	MMT01A	01	3	TT3	C3		18B			
23516		XA236	38			XA236	06			16B	9			MDDDJA4	02	MWOFFS	01	1	TT3	C1		18A			
20981		XA236	39											MMT01A	02	MMT01A	00	1	TT3	C3		19B		CUR ERR SAMPLE	
23517		XA236	40											WMOE0A1	03	MWOFFS	01	2	TT3	C1		19A			
21154		XA236	41											MPMRA0	02	MPMRBA	01	1	TT3	D2		22B			
23518		XA236	42			XA237	01			16B	9			MWOFFR	02	MWOFFS	01	3	TT3	C1		20A			
21155		XA236	43			XA241	07			16B	9			MPMRBA	02	MPMRBA	00	1	TT3	D2		23B		MEM RST *	
06399		XA236	44											GND	01				TT3			40A			
21410		XA236	45			XA323	33			16B	9			MPCWMA	03	MPS2BA	01	1	TT3	D3		24B			
21156		XA236	46			XA232	11			16B	9			MTC00P	04	MPMRBA	01	2	TT3	D2		21A			
21411		XA236	47											MTC19Q	03	MPS2BA	01	2	TT3	D3		25B			
21157		XA236	48			XA235	43			16B	9			MTC22P	06	MPMRBA	01	3	TT3	D2		22A			
21412		XA236	49			XA231	69			16B	9			MTC22P	08	MPS2BA	01	3	TT3	D3		26B			
20971		XA236	50											MMTSTA	03	MMTSTA	00	1	TT3	D1		23A		MBA TEST DEC *	
21413		XA236	51											MPS2BA	02	MPS2BA	00	1	TT3	D3		27B		S2B TMNG *	
20972		XA236	52			XA236	21			16B	9			MPMBA0	03	MMTSTA	01	1	TT3	D1		24A			
21392		XA236	53											MPSBRS	02	MPSBRR	01	1	TT3	E2		28B			
20973		XA236	54											MRA27Q	07	MMTSTA	01	2	TT3	D1		25A			

CONNECTOR (XA236) CONTINUED ON THE NEXT PAGE ****

CARD CAGE WIRELIST REV

RECORD NUMBER	FROM PREFIX	FROM CONNECTOR	FROM PIN	FROM SHT	TO PREFIX	TO CONNECTOR	TO PIN	TO SHT	WIRE MULTI GROUP	WIRE CODE	WIRE COLOR	WIRE IDENT	SIGNAL	PIN NO	EQUATION	SHT	ZONE	PART OR WIRE TYPE	GRP	LOCAL OR REMOTE POWER PWR	TEST POINTS PIN	TEST POINTS SIG	SIGNAL DESCRIPTION	ECO NO
21393		XA236	55			XA241	64			16B	9		MPSBRR	07	MPSBRR	00	1	TT3	E2		29B		S1B RCVD *	
20974		XA236	56			XA235	24			16B	9		MRA26Q	01	MMTSTA	01	3	TT3	D1		26A			
23497		XA236	57										MRMITA	02	MWWOTA	01	1	TT3	E3		30B			
06400		XA236	58										GND	01				TT3			40B			
23498		XA236	59			XA235	56			16B	9		MTC09Q	00G	MWWOTA	01	2	TT3	E3		31B			
21394		XA236	60			XA234	78			16B	9		MTC05Q	05	MPSBRR	01	2	TT3	E2		28A			
23499		XA236	61			XA235	54			16B	9		MTC01P	00G	MWWOTA	01	3	TT3	E3		32B			
21395		XA236	62			XA334	10			16B	9		MPMRFB	10	MPSBRR	01	3	TT3	E2		29A			
23500		XA236	63			XA234	47			16B	9		MWWOTA	01	MWWOTA	00	1	TT3	E3		33B			
22287		XA236	64										MTSWTA	02	MTSWTA	00	1	TT3	E1		30A		TMNG START RESET *	
20948		XA236	65			XA240	15			16B	9		MMNCEA	01	MMEXCS	01	1	TT3	F2		34B			
22288		XA236	66										MPWSTO	02	MTSWTA	01	1	TT3	E1		31A			
06401		XA236	67										GND	01				TT3						
22289		XA236	68			XA238	11			16B	9		MTC00Q	07	MTSWTA	01	2	TT3	E1		32A			
20986		XA236	69			XA238	56			16B	9		SPI011	22	MMYPFA	01	1	TT3	F3		35A			
22290		XA236	70							16B	9		MTC22Q	03	MTSWTA	01	3	TT3	E1		33A			
20949		XA236	71										MMCCEA	02	MMEXCS	01	2	TT3	F2		36A			
20950		XA236	72			XA236	37			16B	9		MMEXCR	01	MMEXCS	01	3	TT3	F2		34A			
20934		XA236	73			XA238	17			16B	9		MMACTA	01	MMACTA	00	1	TT3	F1		36B		MBA TEST ACCEPT	
20951		XA236	74										MMEXCS	02	MMEXCS	00	1	TT3	F2		35B		CUR ERR LATCH	
20935		XA236	75										MMTMXO	02	MMACTA	01	1	TT3	F1		37B			
20987		XA236	76			XA236	42			16B	9		MWOFFR	01	MMYPFA	01	2	TT3	F3		37A			
20936		XA236	77			XA238	27			16B	9		MMTSTO	02	MMACTA	01	2	TT3	F1		38B			
20988		XA236	78			XA238	46			16B	9		MOOINO	01	MMYPFA	01	3	TT3	F3		38A			
20937		XA236	79			XA235	80			16B	9		MPREDO	02	MMACTA	01	3	TT3	F1		39B			
20989		XA236	80			XA424	36			16B	9		MMYPFA	02	MMYPFA	00	1	TT3	F3		39A		PWR FAIL *	
23512		XA237	01			XA238	04			16B	9		MWOFFR	03	MWOFFR	00	1	TQ2	A2		02B		OFF-LINE *	
06402		XA237	02										GND	01				TQ2			01A			
21420		XA237	03			XA238	01			16B	9		MPOBCO	01	MPOBCA	01	1	TQ2	A3		02A			
23513		XA237	04										MWOFFS	02	MWOFFR	01	1	TQ2	A2		04A			
23514		XA237	05			XA238	14			16B	9		GD237A	01	MWOFFR	01	2	TQ2	A2		03B			
22238		XA237	06										MTRINA	02	MTRINA	00	1	TQ2	A1		05A		TMNG STEP 5=22 *	
21421		XA237	07			XA237	13			16B	9		SPI010	05	MPOBCA	01	2	TQ2	A3		03A			
22239		XA237	08			XA236	60			16B	9		MTC05Q	03	MTRINA	01	1	TQ2	A1		06A			
21422		XA237	09										MPOBCA	06	MPOBCA	00	1	TQ2	A3		04B		OFF-LINE INHIBIT *	
22240		XA237	10			XA236	48			16B	9		MTC22P	05	MTRINA	01	2	TQ2	A1		07A			
06403		XA237	11			XA241	24			16B	9		SPI003	03		01	1	TQ2	A4		05B			
06404		XA237	12										+5V	01				TQ2						
06405		XA237	13			XA238	10			16B	9		SPI010	06		01	2	TQ2	A4		06B			
19490		XA237	14			XA239	68			16B	9		MBYACA	01	MBYACA	00	1	TQ2	B2		09A		ADR CONTRL PRT B *	
06406		XA237	15										SPO	01		00	1	TQ2	A4		07B			
06407		XA237	16										GND	01				TQ2			01B			
06408		XA237	17			XA230	29			16B	9		SPI005	007		01	1	TQ2	B3		08B			
19491		XA237	18			XA220	69			16B	9		MBYACOX	02	MBYACA	01	1	TQ2	B2		10A			
06409		XA237	19			XA237	20			16B	9		SPI010	15		01	2	TQ2	B3		09B			
19492		XA237	20			XA237	36			16B	9		SPI010	16	MBYACA	01	2	TQ2	B2		11A			
06410		XA237	21							16B	9		SPO	01		00	1	TQ2	B3		10B			
19050		XA237	22			XA239	54			16B	9		MAYACA	01	MAYACA	00	1	TQ2	B1		12A		ADR CONTRL PRT A *	

CONNECTOR XA237) CONTINUED ON THE NEXT PAGE ****

Litton DATA SYSTEMS

DRAWING NUMBER 149304-880 UNIT ASSEMBLY NO. 149304 REV G INDEX XA237

UNIT ASSEMBLY CARD CAGE WIRED, MCU CONNECTOR FILE IDENT T39AMCMU DATE 09-02-82 PAGE 214

RECORD NUMBER	FROM PREFIX	FROM CONNECTOR	FROM PIN	FROM SH FG	TO PREFIX	TO CONNECTOR	TO PIN	TO SH FG	WIRE MULTI GROUP	WIRE CODE	WIRE COL 39	WIRE IDENT	SPEC INST MFG	SIGNAL	SEQ NO	EQUATION	TERM	FACTOR	CKT OR CHIP TYPE	GRID	LOAD ON POWER PLANE	TEST POINTS ANC	TEST POINTS SP	SIGNAL DESCRIPTION	ECO NO
21013		XA237	23			XA233	38			16B	9			MAENEO	10	MPAMSA	01	1	TQ2	B4		11B			
19051		XA237	24			XA222	29			16B	9			MAYAC0X	02	MAYACA	01	1	TQ2	B1		13A			
21014		XA237	25											MTRO50	07	MPAMSA	01	2	TQ2	B4		12B			
19052		XA237	26			XA237	19			16B	9			SPIO10	13	MAYACA	01	2	TQ2	B1		14A			
21015		XA237	27			XA238	40			16B	9			MPAMSA	01	MPAMSA	00	1	TQ2	B4		13B		A ACESS MEM SET *	
06411		XA237	28											+5V	01				TQ2						
20942		XA237	29			XA235	51			16B	9			MTR13A	01	MMCES0	01	1	TQ2	C3		14B			
23298		XA237	30			XA240	11			16B	9			MWRST0	01	MWRST0	00	1	TQ2	C2		15A		READ CUR SRCE TMG	
20943		XA237	31											MTR21A	02	MMCES0	01	2	TQ2	C3		15B			
06412		XA237	32											GND	01				TQ2			20B			
20944		XA237	33											MMCES0	03	MMCES0	00	1	TQ2	C3		16B		CUR TST TMNG	
23299		XA237	34			XA236	07			16B	9			MWRSTA	02	MWRST0	01	1	TQ2	C2		16A			
20924		XA237	35			XA240	09			16B	9			MFEXCA	01	MFEXC0	01	1	TQ2	C4		17B			
23300		XA237	36			XA237	37			16B	9			SPIO10	17	MWRST0	01	2	TQ2	C2		17A			
20925		XA237	37			XA237	43			16B	9			SPIO10	18	MFEXC0	01	2	TQ2	C4		18B			
20952		XA237	38			XA238	36			16B	9			MMMTRA	01	MMMTRA	00	1	TQ2	C1		18A		CUR ERR RESET *	
20926		XA237	39											MFEXC0	02	MFEXC0	00	1	TQ2	C4		19B		CUR SOURCE ERR *	
20953		XA237	40											MMMTR0	02	MMMTRA	01	1	TQ2	C1		19A			
06413		XA237	41			XA241	20			16B	9			SPIO02	11P		01	1	TQ2	D3		22B			
20954		XA237	42			XA237	50			16B	9			SPIO10	20	MMMTRA	01	2	TQ2	C1		20A			
06414		XA237	43			XA237	42			16B	9			SPIO10	19		01	2	TQ2	D3		23B			
06415		XA237	44											GND	01				TQ2			21B			
06416		XA237	45											SPO	02		00	1	TQ2	D3		24B		MASTER RST PRT B *	
06417		XA237	46											SPO	02		00	1	TQ2	D2		21A		MASTER RST PRT A *	
21417		XA237	47											MPS2AA	02	MPYS20	01	1	TQ2	D4		25B			
06418		XA237	48			XA237	41			16B	9			SPIO02	11C		01	1	TQ2	D2		22A			
21418		XA237	49			XA236	51			16B	9			MPS2BA	01	MPYS20	01	2	TQ2	D4		26B			
06419		XA237	50			XA235	61			16B	9			SPIO10	21		01	2	TQ2	D2		23A			
21419		XA237	51			XA322	13			16B	9			MPYS20	01	MPYS20	00	1	TQ2	D4		27B		S2A & B	
21366		XA237	52											MPREDA	02	MPREDA	00	1	TQ2	D1		24A		I/O ENABLE TMNG *	
21062		XA237	53											WMBA2A1	03	MPBC1A	01	1	TQ2	E3		28B			
21367		XA237	54			XA240	45			16B	9			MIC16Q	05	MPREDA	01	1	TQ2	D1		25A			
21063		XA237	55			XA237	61			16B	9			MPMRC0	04	MPBC1A	01	2	TQ2	E3		29B			
21368		XA237	56			XA237	10			16B	9			MIC22P	04	MPREDA	01	2	TQ2	D1		26A			
21064		XA237	57			XA232	64			16B	9			MPBC1A	02	MPBC1A	00	1	TQ2	E3		30B		MBA FP 2 LSB	
06420		XA237	58											GND	01				TQ2			27A			
21065		XA237	59											WMBA1A1	03	MPBC2A	01	1	TQ2	E4		31B			
21059		XA237	60			XA232	66			16B	9			MPBC0A	02	MPBC0A	00	1	TQ2	E2		28A		MBA FP LSB	
21066		XA237	61			XA237	64			16B	9			MPMRC0	05	MPBC2A	01	2	TQ2	E4		32B			
21060		XA237	62											WMBA3A1	03	MPBC0A	01	1	TQ2	E2		29A			
21067		XA237	63			XA238	61			16B	9			MPBC2A	02	MPBC2A	00	1	TQ2	E4		33B		MBA FP 3 LSB	
21061		XA237	64			XA238	59			16B	9			MPMRC0	06	MPBC0A	01	2	TQ2	E2		30A			
19537		XA237	65			XA222	56			16B	9			MBYO10X	02	MBYO1A	01	1	TQ2	F3		34B			
21375		XA237	66			XA338	19			16B	9			MPRMW0	02	MPRMW0	00	1	TQ2	E1		31A		RM & CW MODE	
06421		XA237	67											GND	01				TQ2			40A			
21376		XA237	68			XA240	14			16B	9			MPRMWA	02	MPRMW0	01	1	TQ2	E1		32A			
19538		XA237	69			XA239	38			16B	9			MBYO1A	01	MBYO1A	00	1	TQ2	F3		35A		01 BIT PORT B *	
21377		XA237	70			XA237	78			16B	9			SPIO10	31	MPRMW0	01	2	TQ2	E1		33A			
19100		XA237	71			XA333	05			16B	9			MAYO10X	01	MAYO1A	01	1	TQ2	F2		36A			
19101		XA237	72			XA239	18			16B	9			MAYO1A	01	MAYO1A	00	1	TQ2	F2		34A		01 BIT PORT A*	

CONNECTOR (XA237) CONTINUED ON THE NEXT PAGE ****

RECORD NUMBER	FROM PREFIX	FROM CONNECTOR	FROM PIN	FROM SIZE	TO PREFIX	TO CONNECTOR	TO PIN	TO SIZE	TO WIRE GAUGE	TO COLOR	TO TEST	TO SIGNAL	TO SIGNAL CODE NO	TO EQUATION	TO SIGNAL CODE BIT	TO SIGNAL CODE BYTE	TO CONNECTOR TYPE	TO CONNECTOR GAP	TO LOAD OR TERMINATION TYPE	TO TEST POINTS AND LOCATION	SIGNAL DESCRIPTION	ECO NO
19102		XA237	73			XA237	74		16B	9			SPI010	29	MAY01A	01	2	TQ2	F2		36B	
19539		XA237	74			XA237	70		16B	9			SPI010	30	MBY01A	01	2	TQ2	F3		35B	
21068		XA237	75			XA232	73		16B	9			MPBC3A	02	MPBC3A	00	1	TQ2	F1		37B	MBA FP MSB
20993		XA237	76										MPACIA	02	MPACIO	01	1	TQ2	F4		37A	
21069		XA237	77										WMBA0A1	03	MPBC3A	01	1	TQ2	F1		38B	
20994		XA237	78			XA342	05		16B	9			SPI010	32	MPACIO	01	2	TQ2	F4		38A	
21070		XA237	79			XA234	69		16B	9			MPMRCO	10	MPBC3A	01	2	TQ2	F1		39B	
20995		XA237	80										MPACIO	08	MPACIO	00	1	TQ2	F4		39A	INACTIVE INHIBIT *
21423		XA238	01										MPOBCO	02	MPOBCO	00	1	TQ2	A2		02B	OFF-LINE INHIBIT
06422		XA238	02										GND	01				TQ2			01A	
23248		XA238	03										MTC00Q	09	MWPDAA	01	1	TQ2	A3		02A	
21424		XA238	04										MWOFFR	04	MPOBCO	01	1	TQ2	A2		04A	
21425		XA238	05										MPBCIA	02	MPOBCO	01	2	TQ2	A2		03B	
22241		XA238	06										MTRINO	03	MTRINO	00	1	TQ2	A1		05A	TMNG STEP 5-21
23249		XA238	07										MTC21Q	05	MWPDAA	01	2	TQ2	A3		03A	
22242		XA238	08			XA237	06		16B	9			MTRINA	01	MTRINO	01	1	TQ2	A1		06A	
23250		XA238	09									J	MWPDAA	02	MWPDAA	00	1	TQ2	A3		04B	MWPDCB BUSS
23254		XA238	09									P	MWPDAA	20	MWPDCB	02	1	TQ2	A3		04B	
22243		XA238	10			XA238	20		16B	9			SPI010	09	MTRINO	01	2	TQ2	A1		07A	
23251		XA238	11			XA238	03		16B	9			MTC00Q	08	MWPDBA	01	1	TQ2	A4		05B	
06423		XA238	12										+5V	01				TQ2				
23252		XA238	13			XA238	07		16B	9			MTC21Q	04	MWPDBA	01	2	TQ2	A4		06B	
18806		XA238	14										GD237A	02	GD237A	00	1	TQ2	B2		09A	
23253		XA238	15									J	MWPDBA	01	MWPDBA	00	1	TQ2	A4		07B	MWPDCB BUSS
23255		XA238	15			XA238	09		16B	9		P	MWPDBA	19	MWPDCB	01	1	TQ2	A4		07B	WORD POST DISCHRG
06424		XA238	16										GND	01				TQ2			01B	
20927		XA238	17										MMACTA	02	MMACCO	01	1	TQ2	B3		08B	
18807		XA238	18			XA238	24		16B	9			SPI011	161	GD237A	01	1	TQ2	B2		10A	
20928		XA238	19										MMACRA	02	MMACCO	01	2	TQ2	B3		09B	
18808		XA238	20			XA238	26		16B	9			SPI010	10	GD237A	01	2	TQ2	B2		11A	
20929		XA238	21			XA222	13		16B	9			MMACCO	01	MMACCO	00	1	TQ2	B3		10B	MBA ACCEPTANCE
06425		XA238	22										SPQ	02		00	1	TQ2	B1		12A	
20975		XA238	23			XA236	50		16B	9			MMTSTA	02	MMTSTO	01	1	TQ2	B4		11B	
06426		XA238	24			XA238	31		16B	9			SPI011	162		01	1	TQ2	B1		13A	
20976		XA238	25			XA237	26		16B	9			SPI010	12	MMTSTO	01	2	TQ2	B4		12B	
06427		XA238	26			XA238	25		16B	9			SPI010	11		01	2	TQ2	B1		14A	
20977		XA238	27										MMTSTO	03	MMTSTO	00	1	TQ2	B4		13B	MBA TEST DEC
06428		XA238	28										+5V	01				TQ2				
21131		XA238	29			XA241	11		16B	9			MPINRO	01	MPINRA	01	1	TQ2	C3		14B	
20945		XA238	30										MMEXCR	03	MMEXCR	00	1	TQ2	C2		15A	CUR ERR LATCH *
21132		XA238	31			XA238	37		16B	9			SPI011	17	MPINRA	01	2	TQ2	C3		15B	
06429		XA238	32										GND	01				TQ2			20B	
21133		XA238	33										MPINRA	05	MPINRA	00	1	TQ2	C3		16B	I/O INHIBIT *
20946		XA238	34			XA236	74		16B	9			MMEXCS	01	MMEXCR	01	1	TQ2	C2		16A	
21161		XA238	35			XA238	54		16B	9			MPMRCO	01	MPMRDA	01	1	TQ2	C4		17B	
20947		XA238	36										MMMTRA	02	MMEXCR	01	2	TQ2	C2		17A	
21162		XA238	37			XA238	43		16B	9			SPI011	18	MPMRDA	01	2	TQ2	C4		18B	
21174		XA238	38			XA239	55		16B	9			MPPAMS	01	MPPAMS	00	1	TQ2	C1		18A	A ACCESS MEM
CONNECTOR XA238) CONTINUED ON THE NEXT PAGE ****																						

Litton DATA SYSTEMS

DRAWING NUMBER 149304-880 UNIT ASSEMBLY NO. 149304 REV G INDEX XA238

UNIT ASSEMBLY CARD CAGE WIRED, MCU CONNECTOR FILE IDENT T39AMCMU DATE 09-02-82 PAGE 216

RECORD NUMBER	FROM PREFIX	FROM CONNECTOR	FROM PIN	FROM SH FG	TO PREFIX	TO CONNECTOR	TO PIN	TO SH FG	WIRE MULTI GROUP	WIRE CODE	WIRE COLOR	WIRE IDENT	SIG EXT SIDE	SIGNAL	SEC NO	EQUATION	TERM	TERM FACTOR	CKT OR CHIP TYPE	GROUP	CARD OR BOARD PLANE	TEST POINTS TANCE	TEST POINTS OR	SIGNAL DESCRIPTION	ECO NO
21163		XA238	39										J	MPMRDA	01	MPMRDA	00	1	TQ2	C4		19B		MPMRFB BUSS	
21167		XA238	39			XA236	62			16B	9		P	MPMRDA	09	MPMRFB	01	1	TQ2	C4		19B		MEM RST *	
21175		XA238	40											MPAMSA	02	MPPAMS	01	1	TQ2	C1		19A			
19068		XA238	41			XA222	40			16B	9			MAYMIOX	01	MAYMIA	01	1	TQ2	D3		22B			
21176		XA238	42			XA337	07			16B	9			MPPAMR	02	MPPAMS	01	2	TQ2	C1		20A			
19069		XA238	43			XA238	49			16B	9			SPIO11	20	MAYMIA	01	2	TQ2	D3		23B			
06430		XA238	44											GND	01				TQ2			21B			
19070		XA238	45			XA241	01			16B	9			MAYMIA	01	MAYMIA	00	1	TQ2	D3		24B		INHIBIT PORT A *	
20233		XA238	46											MDDINO	02	MDDINO	00	1	TQ2	D2		21A		DEVICE DRIVE INH	
19508		XA238	47			XA220	76			16B	9			MBYMIOX	01	MBYMIA	01	1	TQ2	D4		25B			
20234		XA238	48											MDDIMA	02	MDDINO	01	1	TQ2	D2		22A			
19509		XA238	49			XA236	69			16B	9			SPIO11	21	MBYMIA	01	2	TQ2	D4		26B			
20235		XA238	50			XA236	38			16B	9			MDDDJA4	01	MDDINO	01	2	TQ2	D2		23A			
19510		XA238	51			XA241	04			16B	9			MBYMIA	01	MBYMIA	00	1	TQ2	D4		27B		INHIBIT PORT B *	
21164		XA238	52										J	MPMREA	01	MPMREA	00	1	TQ2	D1		24A		MPMRFB BUSS	
21168		XA238	52			XA238	39			16B	9		P	MPMREA	08	MPMRFB	01	2	TQ2	D1		24A			
21081		XA238	53			XA237	55			16B	9			MPMRCO	03	MPBS1A	01	1	TQ2	E3		28B			
21165		XA238	54			XA238	53			16B	9			MPMRCO	02	MPMREA	01	1	TQ2	D1		25A			
21082		XA238	55			XA237	57			16B	9			MPBC1A	01	MPBS1A	01	2	TQ2	E3		29B			
21166		XA238	56			XA238	70			16B	9			SPIO11	23	MPMREA	01	2	TQ2	D1		26A			
21083		XA238	57			XA232	53			16B	9			MPBS1A	01	MPBS1A	00	1	TQ2	E3		30B		MBA FP 2 LSB *	
06431		XA238	58											GND	01				TQ2			27A			
21084		XA238	59			XA238	62			16B	9			MPMRCO	07	MPBS2A	01	1	TQ2	E4		31B			
21078		XA238	60											MPBSOA	02	MPBSOA	00	1	TQ2	E2		28A		MBA FP LSB *	
21085		XA238	61											MPBC2A	03	MPBS2A	01	2	TQ2	E4		32B			
21079		XA238	62			XA238	77			16B	9			MPMRCO	08	MPBSOA	01	1	TQ2	E2		29A			
21086		XA238	63											MPBS2A	02	MPBS2A	00	1	TQ2	E4		33B		MBA FP 3 LSB *	
21080		XA238	64			XA237	60			16B	9			MPBCOA	01	MPBSOA	01	2	TQ2	E2		30A			
20990		XA238	65			XA239	48			16B	9			MPACTS	04	MPACIA	01	1	TQ2	F3		34B			
21147		XA238	66			XA236	52			16B	9			MPMBAO	02	MPMBAO	00	1	TQ2	E1		31A		MBA MODE	
06432		XA238	67											GND	01				TQ2			40A			
21148		XA238	68											MPMBAA	06	MPMBAO	01	1	TQ2	E1		32A			
20991		XA238	69			XA237	76			16B	9			MPACIA	01	MPACIA	00	1	TQ2	F3		35A		INACTIVE INHIBIT	
21149		XA238	70			XA238	73			16B	9			SPIO11	24	MPMBAO	01	2	TQ2	E1		33A			
21028		XA238	71			XA240	64			16B	9			MPBACA	01	MPBACO	01	1	TQ2	F2		36A			
21029		XA238	72											MPBACO	05	MPBACO	00	1	TQ2	F2		34A		MBA CHANG CLOCK	
21030		XA238	73			XA241	13			16B	9			SPIO11	25	MPBACO	01	2	TQ2	F2		36B			
20992		XA238	74			XA237	09			16B	9			MPOBCA	05	MPACIA	01	2	TQ2	F3		35B			
21087		XA238	75			XA232	65			16B	9			MPBS3A	01	MPBS3A	00	1	TQ2	F1		37B		MBA FP MSB *	
21124		XA238	76			XA233	78			16B	9			SPIO12	06	MPHLDA	01	1	TQ2	F4		37A			
21088		XA238	77			XA237	79			16B	9			MPMRCO	09	MPBS3A	01	1	TQ2	F1		38B			
21125		XA238	78											MPHLDO	02	MPHLDA	01	2	TQ2	F4		38A			
21089		XA238	79			XA237	75			16B	9			MPBC3A	01	MPBS3A	01	2	TQ2	F1		39B			
21126		XA238	80											MPHLDA	02	MPHLDA	00	1	TQ2	F4		39A		B CORD HOLD *	
19457		XA239	01			XA233	27			16B	9			MBENEO	01	MBREDA	01	1	TD4	A2		02B			
06433		XA239	02											GND	01				TD4			01A			
06434		XA239	03											DNW	01				TD4						
19458		XA239	04			XA239	08			16B	9			MPCWMA	01	MBREDA	01	2	TD4	A2		04A			
CONNECTOR XA239) CONTINUED ON THE NEXT PAGE ****																									

RECORD NUMBER	FROM PREFIX	FROM CONNECTOR	FROM PIN	FROM SEG	TO PREFIX	TO CONNECTOR	TO PIN	TO SEG	WIRE MULTI GROUP	WIRE WIRE	WIRE COLOR	WIRE TEST	SIGNAL	SIG NO	EQUATION	EQUATION	SIG TYP	SIG DIR	CONT TYP	CONT NO	LOAD CAP DOUBLE PLATE	SIGNAL POWER PIN	SIGNAL POWER SEC	SIGNAL DESCRIPTION	ECO NO
19459		XA239	05			XA342	53			16B	9		MDDDJA4	05	MBREDA	01	3		TD4	A2		03B			
19017		XA239	06			XA237	23			16B	9		MAENE0	09	MAREDA	01	1		TD4	A1		05A			
19460		XA239	07			XA240	01			16B	9		MPRED0	00	MBREDA	01	4		TD4	A2		03A			
19018		XA239	08			XA236	45			16B	9		MPCWMA	02	MAREDA	01	2		TD4	A1		06A			
19461		XA239	09			XA220	06			16B	9		MBREDA	01	MBREDA	00	1		TD4	A2		04B		PRT B I/O OUT ENB*	
19019		XA239	10			XA239	05			16B	9		MDDDJA4	04	MAREDA	01	3		TD4	A1		07A			
19020		XA239	11										MAREDA	10	MAREDA	00	1		TD4	A1		05B		PRT A I/O OUT ENB*	
06435		XA239	12										+5V	01					TD4						
19021		XA239	13			XA239	07			16B	9		MPRED0	CC	MAREDA	01	4		TD4	A1		06B			
18811		XA239	14			XA224	09			16B	9		MAY000X	02	MAACTA	01	1		TD4	B2		09A			
06436		XA239	15										DNW	01					TD4						
06437		XA239	16										GND	01					TD4			20B			
06438		XA239	17										DNW	01					TD4						
18812		XA239	18										MAY01A	02	MAACTA	01	2		TD4	B2		10A			
18813		XA239	19			XA332	07			16B	9		MAY260X	01	MAACTA	01	3		TD4	B2		09B			
18814		XA239	20										MAY270X	03	MAACTA	01	4		TD4	B2		11A			
18815		XA239	21			XA233	04			16B	9		MAACTA	01	MAACTA	00	1		TD4	B2		10B		MBA ACT PRT A DEC*	
21104		XA239	22										MRA26P	04	MPCTRA	01	1		TD4	B1		12A			
21105		XA239	23			XA233	10			16B	9		MPCTRA	01	MPCTRA	00	1		TD4	B1		11B		MBA MEM INACTIVE *	
21106		XA239	24			XA236	54			16B	9		MRA27Q	06	MPCTRA	01	2		TD4	B1		13A			
21107		XA239	25			XA240	05			16B	9		MPMBA0	05	MPCTRA	01	3		TD4	B1		12B			
21108		XA239	26			XA237	25			16B	9		MTR050	06	MPCTRA	01	4		TD4	B1		14A			
06439		XA239	27										DNW	01					TD4						
06440		XA239	28										+5V	01					TD4						
06441		XA239	29										DNW	01					TD4						
06442		XA239	30			XA238	76			16B	9		SPI012	04		01	1		TD4	C2		15A			
06443		XA239	31			XA240	41			16B	9		SPI004	16		01	2		TD4	C2		15B			
06444		XA239	32										GND	01					TD4			21B			
06445		XA239	33										SP0	01		00	1		TD4	C2		16B			
06446		XA239	34			XA238	18			16B	9		SPI011	16		01	3		TD4	C2		16A			
19251		XA239	35										MBACTA	02	MBACTA	00	1		TD4	C1		17B		MBA ACT PRT B DEC*	
06447		XA239	36			XA241	66			16B	9		SPI007	20		01	4		TD4	C2		17A			
19252		XA239	37			XA222	47			16B	9		MBY000X	02	MBACTA	01	1		TD4	C1		18B			
19253		XA239	38										MBY01A	02	MBACTA	01	2		TD4	C1		18A			
06448		XA239	39										DNW	01					TD4						
19254		XA239	40			XA220	10			16B	9		MBY260X	02	MBACTA	01	3		TD4	C1		19A			
06449		XA239	41										DNW	01					TD4						
19255		XA239	42			XA220	03			16B	9		MBY270X	02	MBACTA	01	4		TD4	C1		20A			
19314		XA239	43										MBHLDS	02	MBHLDR	01	1		TD4	D2		23B			
06450		XA239	44										GND	01					TD4			27A			
19315		XA239	45			XA240	69			16B	9		MBHLDR	05	MBHLDR	00	1		TD4	D2		24B		PORT B HOLD LATCH*	
19316		XA239	46			XA240	39			16B	9		MBHDRA	01	MBHLDR	01	2		TD4	D2		21A			
19042		XA239	47			XA338	03			16B	9		MASBRA	02	MASBRA	00	1		TD4	D1		25B		S1B RCVD PORT A *	
19317		XA239	48			XA241	35			16B	9		MPACTS	05	MBHLDR	01	3		TD4	D2		22A			
19043		XA239	49			XA240	38			16B	9		MAENE0	04	MASBRA	01	1		TD4	D1		26B			
19318		XA239	50			XA238	52			16B	9		MPMRFB	07	MBHLDR	01	4		TD4	D2		23A			
06451		XA239	51										DNW	01					TD4						
19044		XA239	52			XA335	42			16B	9		MAYS1TX	01	MASBRA	01	2		TD4	D1		24A			
06452		XA239	53										DNW	01					TD4						
19045		XA239	54										MAYACA	02	MASBRA	01	3		TD4	D1		25A			

CONNECTOR XA239) CONTINUED ON THE NEXT PAGE ****

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DRAWING NUMBER 149304-880 UNIT ASSEMBLY NO. 149304 REV G INDEX XA239

UNIT ASSEMBLY CARD CAGE WIRED, MCU CONNECTOR FILE IDENT T39AMCMU DATE 09-02-82 PAGE 218

RECORD NUMBER	FROM PREFIX	FROM CONNECTOR	FROM PIN	FROM SHEET	TO PREFIX	TO CONNECTOR	TO PIN	TO SHEET	WIRE MULTI GROUP	WIRE CODE	WIRE COLOR	WIRE IDENT	SPECIAL INSTRUCTIONS	SIGNAL	SEQ NO	EQUATION	TERM	FACTOR	CKT OR CMD TYPE	GRID	LOAD OR POWER PLANE	SHEET REVISED ANC	SHEET REVISED SC	SIGNAL DESCRIPTION	ECO NO
21169		XA239	55							16B	9			MPPAMS	02	MPPAMR	01	1	TD4	E2			29B		
19046		XA239	56			XA233	14			16B	9			MPSBGO	04	MASBRA	01	4	TD4	D1			26A		
21170		XA239	57			XA238	42			16B	9			MPPAMR	01	MPPAMR	00	1	TD4	E2			30B	A ACCESS MEM *	
06453		XA239	58											GND	01				TD4				40A		
19482		XA239	59			XA338	24			16B	9			MBSBRA	02	MBSBRA	00	1	TD4	E1			31B	S1B RCVD PORT A *	
21171		XA239	60											MPAMRA	02	MPPAMR	01	2	TD4	E2			28A		
19483		XA239	61			XA336	11			16B	9			MBENEO	05	MBSBRA	01	1	TD4	E1			32B		
21172		XA239	62											MPCDRA1	04	MPPAMR	01	3	TD4	E2			29A		
06454		XA239	63											DNW	01				TD4						
21173		XA239	64			XA233	13			16B	9			MAHLDR	03	MPPAMR	01	4	TD4	E2			30A		
06455		XA239	65											DNW	01				TD4						
19484		XA239	66			XA335	79			16B	9			MBYS1TX	01	MBSBRA	01	2	TD4	E1			31A		
06456		XA239	67											GND	01				TD4				40B		
19485		XA239	68											MBYACA	02	MBSBRA	01	3	TD4	E1			32A		
21016		XA239	69											MPANTA	02	MPANTA	00	1	TD4	F2			35A	A HOLD *	
19486		XA239	70			XA239	56			16B	9			MPSBGO	03	MBSBRA	01	4	TD4	E1			33A		
21017		XA239	71			XA239	31			16B	9			SPI004	15	MPANTA	01	1	TD4	F2			36A		
21018		XA239	72			XA239	64			16B	9			MAHLDR	02	MPANTA	01	2	TD4	F2			34A		
21019		XA239	73			XA236	46			16B	9			MTC00P	02	MPANTA	01	3	TD4	F2			36B		
21020		XA239	74			XA237	56			16B	9			MTC22P	03	MPANTA	01	4	TD4	F2			35B		
21405		XA239	75											MTC01Q	04	MPS2AA	01	1	TD4	F1			37B		
21406		XA239	76			XA237	47			16B	9			MPS2AA	01	MPS2AA	00	1	TD4	F1			37A	S2A TMNG *	
21407		XA239	77			XA232	23			16B	9			MTC04P	01	MPS2AA	01	2	TD4	F1			38B		
21408		XA239	78			XA240	48			16B	9			SPI009	13	MPS2AA	01	3	TD4	F1			38A		
21409		XA239	79											MTMRAB	16	MPS2AA	01	4	TD4	F1			39B		
06457		XA239	80											DNW	01				TD4						
20930		XA240	01			XA236	79			16B	9			MPREDO	01	MMACRA	01	1	TT3	A2			02B		
06458		XA240	02											GND	01				TT3				01B		
20931		XA240	03			XA238	23			16B	9			MMTSTA	01	MMACRA	01	2	TT3	A2			02A		
20962		XA240	04			XA236	75			16B	9			MMTMX0	01	MMTMX0	00	1	TT3	A1			04A	MBA TEST OR	
20932		XA240	05											MPMBAO	06	MMACRA	01	3	TT3	A2			03B		
20963		XA240	06											MMTREA	03	MMTMX0	01	1	TT3	A1			05A		
20933		XA240	07			XA238	19			16B	9			MMACRA	01	MMACRA	00	1	TT3	A2			03A	MBA ACCEPT TMNG	
20964		XA240	08			XA236	39			16B	9			MMTO1A	01	MMTMX0	01	2	TT3	A1			06A		
20958		XA240	09											MFEXCA	02	MMNCEA	01	1	TT3	A3			04B		
20965		XA240	10											MMTO5A	02	MMTMX0	01	3	TT3	A1			07A		
20959		XA240	11											MWRSTO	02	MMNCEA	01	2	TT3	A3			05B		
06459		XA240	12											+5V	01				TT3						
20960		XA240	13			XA240	22			16B	9			MMCESO	01	MMNCEA	01	3	TT3	A3			06B		
21143		XA240	14											MPRMWA	03	MPMBAA	01	1	TT3	B2			09A		
20961		XA240	15											MMNCEA	02	MMNCEA	00	1	TT3	A3			07B	CUR TEST CUR ERR	
06460		XA240	16											GND	01				TT3				21B		
21144		XA240	17			XA241	30			16B	9			MPMRFB	02	MPMBAA	01	2	TT3	B2			08B		
21145		XA240	18			XA323	51			16B	9			MPRRMA	01	MPMBAA	01	3	TT3	B2			10A		
21146		XA240	19			XA238	68			16B	9			MPMBAA	05	MPMBAA	00	1	TT3	B2			09B	MBA MODE *	
20938		XA240	20			XA236	71			16B	9			MMCCEA	01	MMCCEA	00	1	TT3	B1			11A	CUR TST NO CUR ERR	
18870		XA240	21			XA239	06			16B	9			MAENEO	08	MAHDSA	01	1	TT3	B3			10B		
20939		XA240	22			XA237	33			16B	9			MMCESO	02	MMCCEA	01	1	TT3	B1			12A		

CONNECTOR (XA240) CONTINUED ON THE NEXT PAGE ****

Litton DATA SYSTEMS

DRAWING NUMBER 149304-880 UNIT ASSEMBLY NO. 149304 REV G INDEX XA240

UNIT ASSEMBLY CARD CAGE WIRED, MCU CONNECTOR FILE IDENT T39AMCMU DATE 09-02-82 PAGE 219

RECORD NUMBER	FROM PREFIX	FROM CONNECTOR	FROM PIN	FROM SHLD	TO PREFIX	TO CONNECTOR	TO PIN	TO SHLD	WIRE MOD LEVEL	WIRE GAUGE	WIRE COLOR	WIRE GEN	SPEC	SIGNAL	SIG REV NO	LOCATION	TERM LOC	TERM PART	TERM CKT CON CHIP TYPE	TERM LOOP	WIRE OR PWR PLANE	TEST POINTS PIN	TEST POINTS SOCKET	SIGNAL DESCRIPTION	ECO NO
18871		XA240	23			XA240	40			16B	9			MASHDO	01	MAHDSA	01	2	TT3	B3			11B		
20940		XA240	24			XA237	34			16B	9			MWRSTA	01	MMCCEA	01	2	TT3	B1			13A		
18872		XA240	25			XA222	35			16B	9			MAYHCOX	02	MAHDSA	01	3	TT3	B3			12B		
20941		XA240	26			XA237	39			16B	9			MFEXCO	01	MMCCEA	01	3	TT3	B1			14A		
18873		XA240	27											MAHDSA	02	MAHDSA	00	1	TT3	B3			13B	PORT A HOLD SET *	
06461		XA240	28											+5V	01				TT3						
19310		XA240	29			XA240	33			16B	9			MBENEO	03	MBHDSA	01	1	TT3	C2			14B		
19311		XA240	30											MBSHDO	03	MBHDSA	01	2	TT3	C2			15A		
19312		XA240	31											MBHDSA	02	MBHDSA	00	1	TT3	C2			15B	PORT B HOLD SET *	
06462		XA240	32											GND	01				TT3				27A		
19306		XA240	33			XA239	61			16B	9			MBENEO	04	MBHDRA	01	1	TT3	C3			16B		
19313		XA240	34			XA338	18			16B	9			MBYHCOX	01	MBHDSA	01	3	TT3	C2			16A		
19307		XA240	35			XA240	30			16B	9			MBSHDO	02	MBHDRA	01	2	TT3	C3			17B		
18866		XA240	36			XA334	31			16B	9			MAHDRA	01	MAHDRA	00	1	TT3	C1			17A	PORT A HOLD RESET*	
19308		XA240	37			XA338	14			16B	9			MBYHCA	01	MBHDRA	01	3	TT3	C3			18B		
18867		XA240	38			XA240	21			16B	9			MAENEO	06	MAHDRA	01	1	TT3	C1			18A		
19309		XA240	39											MBHDRA	02	MBHDRA	00	1	TT3	C3			19B	PORT B HOLD RESET*	
18868		XA240	40			XA338	09			16B	9			MASHDO	02	MAHDRA	01	2	TT3	C1			19A		
06463		XA240	41			XA230	03			16B	9			SPI004	17		01	1	TT3	D2			22B		
18869		XA240	42			XA338	15			16B	9			MAYHCA	01	MAHDRA	01	3	TT3	C1			20A		
06464		XA240	43											SPO	09		00	1	TT3	D2			23B	PRIORITY PORT A *	
06465		XA240	44											GND	01				TT3				40A		
21924		XA240	45							16B	9			MTC16Q	06	MSENTA	01	1	TT3	D3			24B		
06466		XA240	46											SPI007	27		01	2	TT3	D2			21A		
21925		XA240	47											MTC18P	03	MSENTA	01	2	TT3	D3			25B		
06467		XA240	48			XA235	42			16B	9			SPI009	14		01	3	TT3	D2			22A		
21926		XA240	49			XA324	13			16B	9			MRM00Q	00	MSENTA	01	3	TT3	D3			26B		
22077		XA240	50			XA233	19			16B	9			MTCONR	01	MTCONR	00	1	TT3	D1			23A	TMNG GEN CONTROL *	
21927		XA240	51			XA340	77			16B	9			MSENTA	01	MSENTA	00	1	TT3	D3			27B	SENSE STROBE TMNG*	
22078		XA240	52											MTCONS	03	MTCONR	01	1	TT3	D1			24A		
22294		XA240	53			XA240	57			16B	9			MURSTA	02	MUATAO	01	1	TT3	E2			28B		
22079		XA240	54			XA236	64			16B	9			MTSWTA	01	MTCONR	01	2	TT3	D1			25A		
22295		XA240	55										J	MUATAO	01	MUATAO	00	1	TT3	E2			29B	MUITAB BUSS	
22710		XA240	55			XA240	63			16B	9		P	MUATAO		MUITAB	01	1	TT3	E2			29B	BIT WRITE SINK TMG	
22080		XA240	56			XA337	64			16B	9			MTMRBB	15	MTCONR	01	3	TT3	D1			26A		
22298		XA240	57			XA240	65			16B	9			MURSTA	03	MUATBO	01	1	TT3	E3			30B		
06468		XA240	58											GND	01				TT3				40B		
22299		XA240	59			XA240	60			16B	9			MUWSTA	01	MUATBO	01	2	TT3	E3			31B		
22296		XA240	60			XA240	71			16B	9			MUWSTA	02	MUATAO	01	2	TT3	E2			28A		
22300		XA240	61			XA233	60			16B	9			MUPDGB	32	MUATBO	01	3	TT3	E3			32B		
22297		XA240	62			XA240	61			16B	9			MUPDGB	31	MUATAO	01	3	TT3	E2			29A		
22301		XA240	63										J	MUATBO	01	MUATBO	00	1	TT3	E3			33B	MUITAB BUSS	
22711		XA240	63			XA316	70			16B	9		P	MUATBO		MUITAB	02	1	TT3	E3			33B		
21024		XA240	64											MPBACA	02	MPBACA	00	1	TT3	E1			30A	MBA CHNG CLOCK *	
22506		XA240	65			XA240	75			16B	9			MURSTA	04	MUBTBO	01	1	TT3	F2			34B		
21025		XA240	66			XA238	66			16B	9			MPMBAO	01	MPBACA	01	1	TT3	E1			31A		
06469		XA240	67											GND	01				TT3						
21026		XA240	68											MRA27P	07	MPBACA	01	2	TT3	E1			32A		
21127		XA240	69			XA233	26			16B	9			MBHLDR	051	MPHLDO	01	1	TT3	F3			35A		
21027		XA240	70			XA235	72			16B	9			MTR060	01	MPBACA	01	3	TT3	E1			33A		

CONNECTOR (XA240) CONTINUED ON THE NEXT PAGE ****

RECORD NUMBER	FROM PREFIX	FROM CONNECTOR	FROM PIN	FROM SH FG	TO PREFIX	TO CONNECTOR	TO PIN	TO SH FG	WIRE MULTI GROUP	WIRE CODE	WIRE COLOR	WIRE IDENT	SPEC TEST WIRE	SIGNAL	SEL NO	EQUATION	I/O TYPE	I/O PIN	CKT OR PWR TYPE	SOAK	SPEC TP PWR PLANE	TEST POINTS LAND ON	SIGNAL DESCRIPTION	ECO ENG
22507		XA240	71			XA240	77			16B	9			MUWSTA	03	MUBTBO	01	2	TT3	F2		36A		
22508		XA240	72			XA240	62			16B	9			MUPDGB	30	MUBTBO	01	3	TT3	F2		34A		
22502		XA240	73										J	MUBTAO	01	MUBTAO	00	1	TT3	F1		36B	MUITBB BUSS	
22712		XA240	73			XA240	74			16B	9		P	MUBTAO	21	MUITBB	01	1	TT3	F1		36B	BIT READ SINK IMG	
22509		XA240	74										J	MUBTBO	01	MUBTBO	00	1	TT3	F2		35B	MUITBB BUSS	
22713		XA240	74										P	MUBTBO	22	MUITBB	02	1	TT3	F2		35B		
22503		XA240	75											MURSTA	05	MUBTAO	01	1	TT3	F1		37B		
21128		XA240	76											MCHLDR1	061	MPHLDO	01	2	TT3	F3		37A		
22504		XA240	77			XA235	52			16B	9			MUWSTA	04	MUBTAO	01	2	TT3	F1		38B		
21129		XA240	78			XA337	49			16B	9			MDHLDR1	00	MPHLDO	01	3	TT3	F3		38A		
22505		XA240	79			XA240	72			16B	9			MUPDGB	29	MUBTAO	01	3	TT3	F1		39B		
21130		XA240	80			XA238	78			16B	9			MPHLDO	01	MPHLDO	00	1	TT3	F3		39A	B CORD HOLD	
21134		XA241	01											MAYMIA	02	MPINRO	01	1	TS8	A1		02B		
06470		XA241	02											GND	01				TS8			01A		
06471		XA241	03											DNW	01				TS8					
21135		XA241	04											MBYMIA	02	MPINRO	01	2	TS8	A1		04A		
21136		XA241	05											MCYMIA1	03	MPINRO	01	3	TS8	A1		03B		
21137		XA241	06											MDYMIA1	03	MPINRO	01	4	TS8	A1		05A		
21138		XA241	07											MPMRBA	03	MPINRO	01	5	TS8	A1		03A		
21139		XA241	08			XA241	42			16B	9			SPI012	01	MPINRO	01	6	TS8	A1		06A		
06472		XA241	09											DNW	01				TS8					
21140		XA241	10			XA239	36			16B	9			SPI007	19	MPINRO	01	7	TS8	A1		07A		
21141		XA241	11											MPINRO	02	MPINRO	00	1	TS8	A1		05B	I/O INHIBIT	
06473		XA241	12											+5V	01				TS8					
21142		XA241	13			XA241	26			16B	9			SPI011	26	MPINRO	01	8	TS8	A1		06B		
06474		XA241	14											SPI006	16		01	1	TS8	B1		09A		
06475		XA241	15											DNW	01				TS8					
06476		XA241	16											GND	01				TS8			21B		
06477		XA241	17											DNW	01				TS8					
06478		XA241	18			XA240	46			16B	9			SPI007	26		01	2	TS8	B1		10A		
06479		XA241	19			XA241	79			16B	9			SPI009	11		01	3	TS8	B1		09B		
06480		XA241	20			XA241	50			16B	9			SPI002	113		01	4	TS8	B1		11A		
06481		XA241	21											DNW	01				TS8					
06482		XA241	22			XA237	17			16B	9			SPI005	005		01	5	TS8	B1		12A		
06483		XA241	23											SPO	01		00	1	TS8	B1		11B	MEM RST	
06484		XA241	24			XA241	52			16B	9			SPI003	035		01	6	TS8	B1		13A		
06485		XA241	25			XA239	30			16B	9			SPI012	03		01	7	TS8	B1		12B		
06486		XA241	26			XA241	54			16B	9			SPI011	27		01	8	TS8	B1		14A		
06487		XA241	27											DNW	01				TS8					
06488		XA241	28											+5V	01				TS8					
06489		XA241	29											DNW	01				TS8					
20999		XA241	30			XA239	50			16B	9			MPMREB	03	MPACTS	01	1	TS8	C1		15A		
21000		XA241	31			XA338	06			16B	9			MACTSA	01	MPACTS	01	2	TS8	C1		15B		
06490		XA241	32											GND	01				TS8			27A		
06491		XA241	33											DNW	01				TS8					
21001		XA241	34			XA338	01			16B	9			MBCTSA	01	MPACTS	01	3	TS8	C1		16A		
21002		XA241	35			XA233	08			16B	9			MPACTS	06	MPACTS	00	1	TS8	C1		17B	ACTIVE LATCH	
21003		XA241	36											MCCTSA1	03	MPACTS	01	4	TS8	C1		17A		

CONNECTOR (XA241) CONTINUED ON THE NEXT PAGE ****

RECORD NUMBER	FROM PREFIX	FROM CONNECTOR	FROM PIN	FROM SHIELD TO	TO PREFIX	TO CONNECTOR	TO PIN	TO SHIELD TO	WIRE MULTI GROUP	WIRE CODE	WIRE COLOR	WIRE IDENT	WIRE SPECIAL INSTR MISC	SIGNAL	SIG NO	EQUATION	TERM TYPE	TERM FACTOR	CKT OR CHIP TYPE	GROUP	LOAD OR POWER PLANE	TEST POINTS ANALOG	TEST POINTS DIG	SIGNAL DESCRIPTION	ECO NO
21004		XA241	37											MDCTSA1	03	MPACTS	01	5	TS8	C1			18B		
21005		XA241	38			XA233	06			16B	9			MPACTR	01	MPACTS	01	6	TS8	C1			18A		
06492		XA241	39											DNW	01				TS8						
21006		XA241	40			XA241	70			16B	9			SPI011	29	MPACTS	01	7	TS8	C1			19A		
06493		XA241	41											DNW	01				TS8						
21007		XA241	42			XA241	25			16B	9			SPI012	02	MPACTS	01	8	TS8	C1			20A		
06494		XA241	43			XA241	22			16B	9			SPI005	00C		01	1	TS8	D1			23B		
06495		XA241	44											GND	01				TS8				40A		
06496		XA241	45											DNW	01				TS8						
06497		XA241	46			XA241	14			16B	9			SPI006	15		01	2	TS8	D1			21A		
06498		XA241	47											SPO	01		00	1	TS8	D1			25B	TMNG GEN RESET	
06499		XA241	48			XA241	18			16B	9			SPI007	24		01	3	TS8	D1			22A		
06500		XA241	49			XA241	19			16B	9			SPI009	10C		01	4	TS8	D1			26B		
06501		XA241	50			XA222	08			16B	9			SPI002	115		01	5	TS8	D1			23A		
06502		XA241	51											DNW	01				TS8						
06503		XA241	52			XA231	03			16B	9			SPI003	04		01	6	TS8	D1			24A		
06504		XA241	53											DNW	01				TS8						
06505		XA241	54			XA241	40			16B	9			SPI011	28		01	7	TS8	D1			25A		
21396		XA241	55			XA239	47			16B	9			MASBRA	01	MPSBRS	01	1	TS8	E1			29B		
06506		XA241	56			XA241	08			16B	9			SPI012	002		01	8	TS8	D1			26A		
06507		XA241	57											DNW	01				TS8						
06508		XA241	58											GND	01				TS8						
21397		XA241	59			XA236	53			16B	9			MPSBRS	01	MPSBRS	00	1	TS8	E1			31B	S1B RCVD	
21398		XA241	60			XA239	59			16B	9			MBSBRA	01	MPSBRS	01	2	TS8	E1			28A		
21399		XA241	61											MCSBRA1	04	MPSBRS	01	3	TS8	E1			32B		
21400		XA241	62											MDSBRA1	04	MPSBRS	01	4	TS8	E1			29A		
06509		XA241	63											DNW	01				TS8						
21401		XA241	64											MPSBRR	08	MPSBRS	01	5	TS8	E1			30A		
06510		XA241	65											DNW	01				TS8						
21402		XA241	66			XA241	48			16B	9			SPI007	21	MPSBRS	01	6	TS8	E1			31A		
06511		XA241	67											GND	01				TS8						
21403		XA241	68			XA241	56			16B	9			SPI012	001	MPSBRS	01	7	TS8	E1			32A		
06512		XA241	69											DNW	01				TS8						
21404		XA241	70			XA342	07			16B	9			SPI011	31	MPSBRS	01	8	TS8	E1			33A		
21115		XA241	71			XA233	72			16B	9			MPENTR	005	MPENTS	01	1	TS8	F1			36A		
21116		XA241	72			XA241	43			16B	9			SPI005	00A	MPENTS	01	2	TS8	F1			34A		
21117		XA241	73			XA233	49			16B	9			SPI013	30	MPENTS	01	3	TS8	F1			36B		
21118		XA241	74			XA231	46			16B	9			MPPASA	03	MPENTS	01	4	TS8	F1			35B		
21119		XA241	75			XA337	47			16B	9			MPPBSA	02	MPENTS	01	5	TS8	F1			37B		
21120		XA241	76			XA233	71			16B	9			MPENTS	02	MPENTS	00	1	TS8	F1			37A	TMNG START SET *	
21121		XA241	77			XA326	10			16B	9			MPPCSA1	0M	MPENTS	01	6	TS8	F1			38B		
21122		XA241	78			XA430	23			16B	9			MPPDSA1	0M	MPENTS	01	7	TS8	F1			38A		
21123		XA241	79			XA239	78			16B	9			SPI009	12	MPENTS	01	8	TS8	F1			39B		
06513		XA241	80											DNW	01				TS8						
06514		XA242	01											DNW	01				OSC						
06515		XA242	02											GND	01				OSC						
06516		XA242	03											SPO	01				OSC						
06517		XA242	04											DNW	01				OSC						

CONNECTOR XA242 CONTINUED ON THE NEXT PAGE ****

RECORD NUMBER	FROM PREFIX	FROM CONNECTOR	FROM PIN	FROM SH FG	TO PREFIX	TO CONNECTOR	TO PIN	TO SH FG	WIRE MULTI GROUP	WIRE CODE	WIRE COLOR	WIRE IDENT	SPEC INST MISC	SIGNAL	SEQ NO	EQUATION	T-TRM	FACTOR	CKT OR CHIP TYPE	GROUP	LOAD DE POWER PLANE	TEST POINTS LAND	TEST POINTS DP	SIGNAL DESCRIPTION	ECO NO
06518		XA242	05											SPA	01				OSC						
06519		XA242	06											DNW	01				OSC						
06520		XA242	07											DNW	01				OSC						
06521		XA242	08											DNW	01				OSC						
06522		XA242	09											DNW	01				OSC						
06523		XA242	10											DNW	01				OSC						
06524		XA242	11											DNW	01				OSC						
06525		XA242	12											+5V	01				OSC						
06526		XA242	13											SPP	01				OSC						
06527		XA242	14											SPP	01				OSC						
06528		XA242	15											DNW	01				OSC						
06529		XA242	16											GND	01				OSC						
06530		XA242	17											SPP	01				OSC						
06531		XA242	18											SPP	01				OSC						
06532		XA242	19											SPO	01				OSC						
06533		XA242	20											DNW	01				OSC						
06534		XA242	21											SPO	01				OSC						
06535		XA242	22											DNW	01				OSC						
06536		XA242	23											SPO	01				OSC						
06537		XA242	24											DNW	01				OSC						
06538		XA242	25											SPO	01				OSC						
06539		XA242	26											SPA	01				OSC						
06540		XA242	27											DNW	01				OSC						
06541		XA242	28											+5V	01				OSC						
06542		XA242	29											SPA	01				OSC						
06543		XA242	30											SPA	01				OSC						
06544		XA242	31											DNW	01				OSC						
06545		XA242	32											GND	01				OSC						
06546		XA242	33											SPO	01				OSC	4					
06547		XA242	34											DNW	01				OSC						
06548		XA242	35											DNW	01				OSC						
06549		XA242	36											DNW	01				OSC						
06550		XA242	37											SPO	01				OSC	4C					
06551		XA242	38											DNW	01				OSC						
06552		XA242	39											SPO	01				OSC	8C					
06553		XA242	40											DNW	01				OSC						
06554		XA242	41											SPO	01				OSC	8					
06555		XA242	42											DNW	01				OSC						
06556		XA242	43											DNW	01				OSC						
06557		XA242	44											GND	01				OSC						
06558		XA242	45											DNW	01				OSC						
06559		XA242	46											DNW	01				OSC						
06560		XA242	47											DNW	01				OSC						
06561		XA242	48											MTCLKA	02				OSC	16					
06562		XA242	49											DNW	01				OSC						
06563		XA242	50											MCOSCA1	04				OSC						
06564		XA242	51											DNW	01				OSC						
06565		XA242	52											SPI	01				OSC						
06566		XA242	53											DNW	01				OSC						
06567		XA242	54											DNW	01				OSC						

CONNECTOR XA242) CONTINUED ON THE NEXT PAGE ****

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UNIT ASSEMBLY CARD CAGE WIRED, MCU CONNECTOR FILE IDENT T39AMCMU DATE 09-02-82 PAGE 223

RECORD NUMBER	FROM PREFIX	FROM CONNECTOR	FROM PIN	FROM SHLD	TO PREFIX	TO CONNECTOR	TO PIN	TO SHLD	WIRE MULTI GROUP	WIRE CODE	WIRE COLOR	WIRE IDENT	WIRE SPEC NO	SIGNAL	SEQ NO	EQUATION	TERM FACTOR	CKT OR CHIP TYPE	GRP	LOAD OR POWER PLANE	TEST POINTS AND/OR	SIGNAL DESCRIPTION	ECO NO
06568		XA242	55											DNW	01			OSC					
06569		XA242	56											DNW	01			OSC					
06570		XA242	57											DNW	01			OSC					
06571		XA242	58											GND	01			OSC					
06572		XA242	59											DNW	01			OSC					
06573		XA242	60											DNW	01			OSC					
06574		XA242	61											DNW	01			OSC					
06575		XA242	62											DNW	01			OSC					
06576		XA242	63											DNW	01			OSC					
06577		XA242	64											DNW	01			OSC					
06578		XA242	65											DNW	01			OSC					
06579		XA242	66											DNW	01			OSC					
06580		XA242	67											GND	01			OSC					
06581		XA242	68											DNW	01			OSC					
06582		XA242	69											DNW	01			OSC					
06583		XA242	70											DNW	01			OSC					
06584		XA242	71											DNW	01			OSC					
06585		XA242	72											DNW	01			OSC					
06586		XA242	73											DNW	01			OSC					
06587		XA242	74											DNW	01			OSC					
06588		XA242	75											DNW	01			OSC					
06589		XA242	76											DNW	01			OSC					
06590		XA242	77											DNW	01			OSC					
06591		XA242	78											DNW	01			OSC					
06592		XA242	79											DNW	01			OSC					
06593		XA242	80											DNW	01			OSC					
06594		XA243	01			XA341	01			16B	9			MSES0B	15			SAM	Z1				
06595		XA243	02											GND	01			SAM					
06596		XA243	03											SPP	01			SAM					
06597		XA243	04											SPP	01			SAM					
06598		XA243	05											SSA25A	02			SAM	Z1				
06599		XA243	06											SPP	01			SAM					
06600		XA243	07											SSB25A	02			SAM	Z1				
06601		XA243	08											SPP	01			SAM					
06602		XA243	09											SPP	01			SAM					
06603		XA243	10											SPP	01			SAM					
06604		XA243	11			XA244	11			1BD	2			+5VSAM	20			SAM					
06605		XA243	11							1BD	2			+5VSAM	40			SAM					
06606		XA243	12											+5V	01			SAM					
06607		XA243	13											SSA25B	02			SAM	Z1				
06608		XA243	14											SSB25B	02			SAM	Z1				
06609		XA243	15											SPP	01			SAM					
06610		XA243	16											GND	01			SAM					
06611		XA243	17			XA244	17			16B	9			MSES1B	22			SAM	Z1				
06612		XA243	18											SPP	01			SAM	Z1				
06613		XA243	19			XA243	43			16B	9			MSD25A	01			SAM	Z1			SENSE AMP 25#	
06614		XA243	20	3		XA341	33	3		16B	9			MSES2B	30			SAM	Z2				
06615		XA243	21											SPP	01			SAM					

CONNECTOR XA243 CONTINUED ON THE NEXT PAGE ****

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DRAWING NUMBER 149304-880 UNIT ASSEMBLY NO. 149304 REV G INDEX XA243

UNIT ASSEMBLY CARD CAGE WIRED, MCU CONNECTOR FILE IDENT T39AMCMU DATE 09-02-82 PAGE 224

RECORD NUMBER	FROM PREFIX	FROM CONNECTOR	FROM PIN	FROM SH FG	TO PREFIX	TO CONNECTOR	TO PIN	TO SH FG	WIRE MULTI GROUP	WIRE CODE	WIRE COLOR	WIRE IDENT	SPEC INST MISC	SIGNAL	SEC NO	EQUATION	TERM	FACTOR	CKT OR CHIP TYPE	GROUP	QUAD OR POWER PLANE	TEST POINTS AND/OR	SIGNAL DESCRIPTION	ECO NO
06616		XA243	22											SPP	01				SAM					
06617		XA243	23											SSA25C	02				SAM	Z2				
06618		XA243	24											SPP	02				SAM					
06619		XA243	25											SSB25C	02				SAM	Z2				
06620		XA243	26											SPP	01				SAM					
00007		XA243	27											DNW	01	+5SAM			SAM					
06621		XA243	28											+5V	01				SAM					
06622		XA243	29											SPP	01				SAM				KEYWAY	
06623		XA243	30											SPP	01				SAM				KEYWAY	
06624		XA243	31											SPP	01				SAM					
06625		XA243	32											GND	01				SAM					
06626		XA243	33											SSA25D	02				SAM	Z2				
06627		XA243	34											SPP	01				SAM					
06628		XA243	35											SSB25D	02				SAM	Z2				
06629		XA243	36											SPP	01				SAM					
06630		XA243	37											SPP	01				SAM					
06631		XA243	38											SPP	01				SAM					
06632		XA243	39			XA244	39			18D	2			+5VREF	19				SAM	Z2				
06633		XA243	40											SPP	01				SAM					
06634		XA243	41			XA244	41			16B	9			MSES3B	07				SAM	Z2				
06635		XA243	42											SPP	01				SAM					
06636		XA243	43			XA243	65			16B	9			MSD25A	02				SAM	Z2				
06637		XA243	44											GND	01				SAM					
06638		XA243	45			XA244	45			16B	9			MSES4B	07				SAM	Z3				
06639		XA243	46											SPP	01				SAM					
06640		XA243	47											SPP	01				SAM					
06641		XA243	48											SPP	01				SAM					
06642		XA243	49											SSA25E	02				SAM	Z3				
06643		XA243	50											SPP	01				SAM					
06644		XA243	51											SSB25E	02				SAM	Z3				
06645		XA243	52											SPP	01				SAM					
06646		XA243	53											SPP	01				SAM				KEYWAY	
06647		XA243	54											SPP	01				SAM				KEYWAY	
06648		XA243	55											SSA25E	02				SAM	Z3				
06649		XA243	56											SPP	01				SAM					
06650		XA243	57											SSB25E	02				SAM	Z3				
06651		XA243	58											GND	01				SAM					
06652		XA243	59			XA243	60			18D	7			-5VOLT	38				SAM					
06653		XA243	60			XA244	59			18D	7			-5VOLT	39				SAM					
06654		XA243	61											SPP	01				SAM	Z3				
06655		XA243	62											SPP	01				SAM					
06656		XA243	63	3		XA341	72	3		16B	9			MSES5B	30				SAM	Z3				
06657		XA243	64											SPP	01				SAM					
06658		XA243	65			XA243	78			16B	9			MSD25A	03				SAM	Z3				
06659		XA243	66			XA244	66			16B	9			MSES6B	22				SAM	Z4				
06660		XA243	67											GND	01				SAM					
06661		XA243	68											SPP	01				SAM					
06662		XA243	69											SSA25H	02				SAM	Z4				
06663		XA243	70											SPP	01				SAM					
06664		XA243	71											SSB25H	02				SAM	Z4				

CONNECTOR XA243) CONTINUED ON THE NEXT PAGE ****

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UNIT ASSEMBLY CARD CAGE WIRED, MCU CONNECTOR FILE IDENT T39AMCMU DATE 09-02-82 PAGE 225

RECORD NUMBER	FROM PREFIX	FROM CONNECTOR	FROM PIN	FROM SH FG	TO PREFIX	TO CONNECTOR	TO PIN	TO SH FG	WIRE MULTI GROUP	WIRE CODE	WIRE COLOR	WIRE IDENT	WIRE SPEC INST MISC	SIGNAL	SPEC NO	EQUATION	TERM FACTOR	CKT OR CHIP TYPE	GROUP	LOCAL OR POWER PLANE	TEST POINTS ANALOG	SIGNAL DESCRIPTION	ECO NO
06665		XA243	72											SSA25J	02			SAM	Z4				
06666		XA243	73											SPP	01			SAM					
06667		XA243	74											SSB25J	02			SAM	Z4				
06668		XA243	75											SPP	01			SAM					
06669		XA243	76											SPP	01			SAM					
06670		XA243	77			XA244	77			16B	9			MSES7B	22			SAM	Z4				
06671		XA243	78			XA243	80			16B	9			MSD25A	033			SAM					
06672		XA243	79			XA342	04			18D	2			+05RES	18			SAM	Z4				
06673		XA243	80			XA326	38			16B	9			MSD25A	04			SAM	Z4				
06674		XA244	01			XA243	01			16B	9			MSES0B	14			SAM	Z1				
06675		XA244	02											GND	01			SAM					
06676		XA244	03											SPP	01			SAM					
06677		XA244	04											SPP	01			SAM					
06678		XA244	05											SSA24A	02			SAM	Z1				
06679		XA244	06											SPP	01			SAM					
06680		XA244	07											SSB24A	02			SAM	Z1				
06681		XA244	08											SPP	01			SAM					
06682		XA244	09											SPP	01			SAM					
06683		XA244	10											SPP	01			SAM					
06684		XA244	11			XA245	11			18D	2			+5VSAM	21			SAM					
06685		XA244	12											+5V	01			SAM					
06686		XA244	13											SSA24B	02			SAM	Z1				
06687		XA244	14											SSB24B	02			SAM	Z1				
06688		XA244	15											SPP	01			SAM					
06689		XA244	16											GND	01			SAM					
06690		XA244	17			XA245	17			16B	9			MSES1B	23			SAM	Z1				
06691		XA244	18											SPP	01			SAM	Z1				
06692		XA244	19			XA244	43			16B	9			MSD24A	01			SAM	Z1			SENSE AMP 24*	
06693		XA244	20			XA243	20			16B	9			MSES2B	29			SAM	Z2				
06694		XA244	21											SPP	01			SAM					
06695		XA244	22											SPP	01			SAM					
06696		XA244	23											SSA24C	02			SAM	Z2				
06697		XA244	24											SPP	01			SAM					
06698		XA244	25											SSB24C	02			SAM	Z2				
06699		XA244	26											SPP	01			SAM					
00008		XA244	27											DNW	01	+5SAM		SAM					
06700		XA244	28											+5V	01			SAM					
06701		XA244	29											SPP	01			SAM				KEYWAY	
06702		XA244	30											SPP	01			SAM				KEYWAY	
06703		XA244	31											SPP	01			SAM					
06704		XA244	32											GND	01			SAM					
06705		XA244	33											SSA24D	02			SAM	Z2				
06706		XA244	34											SPP	01			SAM					
06707		XA244	35											SSB24D	02			SAM	Z2				
06708		XA244	36											SPP	01			SAM					
06709		XA244	37											SPP	01			SAM					
06710		XA244	38											SPP	01			SAM					
06711		XA244	39			XA245	39			18D	2			+5VREF	20			SAM	Z2				

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UNIT ASSEMBLY CARD CAGE WIRED, MCU CONNECTOR FILE IDENT T39AMCMU DATE 09-02-82 PAGE 226

RECORD NUMBER	FROM PREFIX	FROM CONNECTOR	FROM PIN	FROM SH FG	TO PREFIX	TO CONNECTOR	TO PIN	TO SH FG	WIRE MULTI GROUP	WIRE CODE	WIRE COLOR	WIRE IDENT	SPEC INST MISC	SIGNAL	SEQ NO	EQUATION	TERM	FACTOR	CKT OR CHIP TYPE	GROUP	LOAD OR POWER PLANE	TEST POINTS AND/OR	SIGNAL DESCRIPTION	ECO NO
06712		XA244	40											SPP	01				SAM					
06713		XA244	41			XA245	41			16B	9			MSES3B	08				SAM	Z2				
06714		XA244	42											SPP	01				SAM					
06715		XA244	43			XA244	65			16B	9			MSD24A	02				SAM	Z2				
06716		XA244	44											GND	01				SAM					
06717		XA244	45			XA245	45			16B	9			MSES4B	08				SAM	Z3				
06718		XA244	46											SPP	01				SAM					
06719		XA244	47											SPP	01				SAM					
06720		XA244	48											SPP	01				SAM					
06721		XA244	49											SSA24E	02				SAM	Z3				
06722		XA244	50											SPP	01				SAM					
06723		XA244	51											SSB24E	02				SAM	Z3				
06724		XA244	52											SPP	01				SAM					
06725		XA244	53											SPP	01				SAM				KEYWAY	
06726		XA244	54											SPP	01				SAM				KEYWAY	
06727		XA244	55											SSA24F	02				SAM	Z3				
06728		XA244	56											SPP	01				SAM					
06729		XA244	57											SSB24F	02				SAM	Z3				
06730		XA244	58											GND	01				SAM					
06731		XA244	59			XA244	60			18D	7			-5VOLT	40				SAM					
06732		XA244	60			XA245	59			18D	7			-5VOLT	41				SAM					
06733		XA244	61											SPP	01				SAM	Z3				
06734		XA244	62											SPP	01				SAM					
06735		XA244	63			XA243	63			16B	9			MSES5B	29				SAM	Z3				
06736		XA244	64											SPP	01				SAM					
06737		XA244	65			XA244	78			16B	9			MSD24A	03				SAM	Z3				
06738		XA244	66			XA245	66			16B	9			MSES6B	23				SAM	Z4				
06739		XA244	67											GND	01				SAM					
06740		XA244	68											SPP	01				SAM					
06741		XA244	69											SSA24H	02				SAM	Z4				
06742		XA244	70											SPP	01				SAM					
06743		XA244	71											SSB24H	02				SAM	Z4				
06744		XA244	72											SSA24J	02				SAM	Z4				
06745		XA244	73											SPP	01				SAM					
06746		XA244	74											SSB24J	02				SAM	Z4				
06747		XA244	75											SPP	01				SAM					
06748		XA244	76											SPP	01				SAM					
06749		XA244	77			XA245	77			16B	9			MSES7B	23				SAM	Z4				
06750		XA244	78			XA244	80			16B	9			MSD24A	033				SAM					
06751		XA244	79			XA243	79			18D	2			+05RES	17				SAM	Z4				
06752		XA244	80			XA326	20			16B	9			MSD24A	04				SAM	Z4				
06753		XA245	01			XA244	01			16B	9			MSES0B	13				SAM	Z1				
06754		XA245	02											GND	01				SAM					
06755		XA245	03											SPP	01				SAM					
06756		XA245	04											SPP	01				SAM					
06757		XA245	05											SSA23A	02				SAM	Z1				
06758		XA245	06											SPP	01				SAM					
06759		XA245	07											SSB23A	02				SAM	Z1				

CONNECTOR (XA245) CONTINUED ON THE NEXT PAGE ****

Litton DATA SYSTEMS

DRAWING NUMBER 149304-880 UNIT ASSEMBLY NO. 149304 REV G INDEX XA245

UNIT ASSEMBLY CARD CAGE WIRED, MCU CONNECTOR FILE IDENT T39AMCMU DATE 09-02-82 PAGE 227

RECORD NUMBER	FROM PREFIX	FROM CONNECTOR	FROM PIN	FROM SH NO	TO PREFIX	TO CONNECTOR	TO PIN	TO SH NO	WIRE WIRE GROUP	WIRE CODE	WIRE COLOR	WIRE IDENT	SIGNAL INVERSION	SIGNAL	SEQ NO	EQUATION	TERM	FACTOR	CKT OR CHIP TYPE	GROUP	LOAD OR POWER PLANS	TEST POINTS AND	TEST POINTS ON	SIGNAL DESCRIPTION	ECO NO
06760		XA245	08											SPP	01				SAM						
06761		XA245	09											SPP	01				SAM						
06762		XA245	10											SPP	01				SAM						
06763		XA245	11			XA246	11			1BD	2			+5VSAM	22				SAM						
06764		XA245	12											+5V	01				SAM						
06765		XA245	13											SSA23B	02				SAM	Z1					
06766		XA245	14											SSB23B	02				SAM	Z1					
06767		XA245	15											SPP	01				SAM						
06768		XA245	16											GND	01				SAM						
06769		XA245	17			XA246	17			16B	9			MSES1B	24				SAM	Z1					
06770		XA245	18											SPP	01				SAM	Z1					
06771		XA245	19											MSD23A	05				SAM	Z1					
06772		XA245	20			XA244	20			16B	9			MSES2B	28				SAM	Z2					
06773		XA245	21											SPP	01				SAM						
06774		XA245	22											SPP	01				SAM						
06775		XA245	23											SSA23C	02				SAM	Z2					
06776		XA245	24											SPP	01				SAM						
06777		XA245	25											SSB23C	02				SAM	Z2					
06778		XA245	26											SPP	01				SAM						
00009		XA245	27											DNW	01	+5SAM			SAM						
06779		XA245	28											+5V	01				SAM						
06780		XA245	29											SPP	01				SAM					KEYWAY	
06781		XA245	30											SPP	01				SAM					KEYWAY	
06782		XA245	31											SPP	01				SAM						
06783		XA245	32											GND	01				SAM						
06784		XA245	33											SSA23D	02				SAM	Z2					
06785		XA245	34											SPP	01				SAM						
06786		XA245	35											SSB23D	02				SAM	Z2					
06787		XA245	36											SPP	01				SAM						
06788		XA245	37											SPP	01				SAM						
06789		XA245	38											SPP	01				SAM						
06790		XA245	39			XA246	39			1BD	2			+5VREF	21				SAM	Z2					
06791		XA245	40											SPP	01				SAM						
06792		XA245	41			XA246	41			16B	9			MSES3B	09				SAM	Z2					
06793		XA245	42											SPP	01				SAM						
06794		XA245	43			XA245	19			16B	9			MSD23A	04				SAM	Z2					
06795		XA245	44											GND	01				SAM						
06796		XA245	45			XA246	45			16B	9			MSES4B	09				SAM	Z3					
06797		XA245	46											SPP	01				SAM						
06798		XA245	47											SPP	01				SAM						
06799		XA245	48											SPP	01				SAM						
06800		XA245	49											SSA23E	02				SAM	Z3					
06801		XA245	50											SPP	01				SAM						
06802		XA245	51											SSB23E	02				SAM	Z3					
06803		XA245	52											SPP	01				SAM						
06804		XA245	53											SPP	01				SAM					KEYWAY	
06805		XA245	54											SPP	01				SAM					KEYWAY	
06806		XA245	55											SSA23F	02				SAM	Z3					
06807		XA245	56											SPP	01				SAM						
06808		XA245	57											SSB23F	02				SAM	Z3					

CONNECTOR XA245 CONTINUED ON THE NEXT PAGE ****

Litton DATA SYSTEMS

DRAWING NUMBER 149304-880 UNIT ASSEMBLY NO. 149304 REV G INDEX XA245

UNIT ASSEMBLY CARD CAGE WIRED, MCU CONNECTOR FILE IDENT T39AMCMU DATE 09-02-82 PAGE 228

RECORD NUMBER	FROM PREFIX	FROM CONNECTOR	FROM PIN	FROM SH FG	TO PREFIX	TO CONNECTOR	TO PIN	TO SH FG	WIRE MULTI GROUP	WIRE CODE	WIRE COLOR	WIRE IDENT	SPEC TEST MISC	SIGNAL	SEC NO	EQUATION	TERM FACTOR	CKT OR CHIP TYPE	GROUP	QUAD OR POWER PLANE	TEST POINTS AND/OR	SIGNAL DESCRIPTION	ECO NO
06809		XA245	58											GND	01			SAM					
06810		XA245	59			XA245	60			18D	7			-5VOLT	42			SAM					
06811		XA245	60			XA246	59			18D	7			-5VOLT	43			SAM					
06812		XA245	61											SPP	01			SAM	Z3				
06813		XA245	62											SPP	01			SAM					
06814		XA245	63			XA244	63			16B	9			MSES5B	28			SAM	Z3				
06815		XA245	64											SPP	01			SAM					
06816		XA245	65			XA245	43			16B	9			MSD23A	03			SAM	Z3				
06817		XA245	66			XA246	66			16B	9			MSES6B	24			SAM	Z4				
06818		XA245	67											GND	01			SAM					
06819		XA245	68											SPP	01			SAM					
06820		XA245	69											SSA23H	02			SAM	Z4				
06821		XA245	70											SPP	01			SAM					
06822		XA245	71											SSB23H	02			SAM	Z4				
06823		XA245	72											SSA23J	02			SAM	Z4				
06824		XA245	73											SPP	01			SAM					
06825		XA245	74											SSB23J	02			SAM	Z4				
06826		XA245	75											SPP	01			SAM					
06827		XA245	76											SPP	01			SAM					
06828		XA245	77			XA246	77			16B	9			MSES7B	24			SAM	Z4				
06829		XA245	78			XA245	65			16B	9			MSD23A	022			SAM					
06830		XA245	79			XA244	79			18D	2			+05RES	16			SAM	Z4				
06831		XA245	80			XA245	78			16B	9			MSD23A	02			SAM	Z4				
06832		XA246	01			XA245	01			16B	9			MSES0B	12			SAM	Z1				
06833		XA246	02											GND	01			SAM					
06834		XA246	03											SPP	01			SAM					
06835		XA246	04											SPP	01			SAM					
06836		XA246	05											SSA22A	02			SAM	Z1				
06837		XA246	06											SPP	01			SAM					
06838		XA246	07											SSB22A	02			SAM	Z1				
06839		XA246	08											SPP	01			SAM					
06840		XA246	09											SPP	01			SAM					
06841		XA246	10											SPP	01			SAM					
06842		XA246	11			XA247	11			18D	2			+5VSAM	23			SAM					
06843		XA246	12											+5V	01			SAM					
06844		XA246	13											SSA22B	02			SAM	Z1				
06845		XA246	14											SSB22B	02			SAM	Z1				
06846		XA246	15											SPP	01			SAM					
06847		XA246	16											GND	01			SAM					
06848		XA246	17			XA247	17			16B	9			MSES1B	25			SAM	Z1				
06849		XA246	18											SPP	01			SAM	Z1				
06850		XA246	19			XA246	43			16B	9			MSD22A	01			SAM	Z1			SENSE AMP 22*	
06851		XA246	20			XA245	20			16B	9			MSES2B	27			SAM	Z2				
06852		XA246	21											SPP	01			SAM					
06853		XA246	22											SPP	01			SAM					
06854		XA246	23											SSA22C	02			SAM	Z2				
06855		XA246	24											SPP	01			SAM					
06856		XA246	25											SSB22C	02			SAM	Z2				

CONNECTOR XA246) CONTINUED ON THE NEXT PAGE ****

RECORD NUMBER	FROM PREFIX	FROM CONNECTOR	FROM PIN	FROM SH FG	TO PREFIX	TO CONNECTOR	TO PIN	TO SH FG	WIRE MULTI GROUP	WIRE CODE	WIRE COLOR	WIRE IDENT	SPEC INST MISC	SIGNAL	SPEC NO	EQUATION	TERM	FAILURE	CKT OR CMP TYPE	GROUP	LOAD OR POWER PLANE	TEST POINTS AND	TEST POINTS OR	SIGNAL DESCRIPTION	ECO NO
06857		XA246	26											SPP	01				SAM						
00010		XA246	27											DNW	01	+5SAM			SAM						
06858		XA246	28											+5V	01				SAM						
06859		XA246	29											SPP	01				SAM					KEYWAY	
06860		XA246	30											SPP	01				SAM					KEYWAY	
06861		XA246	31											SPP	01				SAM						
06862		XA246	32											GND	01				SAM						
06863		XA246	33											SSA22D	02				SAM	Z2					
06864		XA246	34											SPP	01				SAM						
06865		XA246	35											SSB22D	02				SAM	Z2					
06866		XA246	36											SPP	01				SAM						
06867		XA246	37											SPP	01				SAM						
06868		XA246	38											SPP	01				SAM						
06869		XA246	39			XA247	39			18D	2			+5VREF	22				SAM	Z2					
06870		XA246	39										K	+5VREF	35				SAM	Z2					
06871		XA246	40											SPP	01				SAM						
06872		XA246	41			XA247	41			16B	9			MSES3B	10				SAM	Z2					
06873		XA246	42											SPP	01				SAM						
06874		XA246	43			XA246	65			16B	9			MSD22A	02				SAM	Z2					
06875		XA246	44											GND	01				SAM						
06876		XA246	45			XA247	45			16B	9			MSES4B	10				SAM	Z3					
06877		XA246	46											SPP	01				SAM						
06878		XA246	47											SPP	01				SAM						
06879		XA246	48											SPP	01				SAM						
06880		XA246	49											SSA22E	02				SAM	Z3					
06881		XA246	50											SPP	01				SAM						
06882		XA246	51											SSB22E	02				SAM	Z3					
06883		XA246	52											SPP	01				SAM						
06884		XA246	53											SPP	01				SAM					KEYWAY	
06885		XA246	54											SPP	01				SAM					KEYWAY	
06886		XA246	55											SSA22F	02				SAM	Z3					
06887		XA246	56											SPP	01				SAM						
06888		XA246	57											SSB22F	02				SAM	Z3					
06889		XA246	58											GND	01				SAM						
06890		XA246	59			XA246	60			18D	7			-5VOLT	44				SAM						
06891		XA246	59										K	-5VOLT	70				SAM						
06892		XA246	60			XA247	59			18D	7			-5VOLT	45				SAM						
06893		XA246	60										M	-5VOLT	01				SAM						
06894		XA246	61											SPP	01				SAM	Z3					
06895		XA246	62											SPP	01				SAM						
06896		XA246	63			XA245	63			16B	9			MSES5B	27				SAM	Z3					
06897		XA246	64											SPP	01				SAM						
06898		XA246	65			XA246	78			16B	9			MSD22A	03				SAM	Z3					
06899		XA246	66			XA247	66			16B	9			MSES6B	25				SAM	Z4					
06900		XA246	67											GND	01				SAM						
06901		XA246	68											SPP	01				SAM						
06902		XA246	69											SSA22H	02				SAM	Z4					
06903		XA246	70											SPP	01				SAM						
06904		XA246	71											SSB22H	02				SAM	Z4					
06905		XA246	72											SSA22J	02				SAM	Z4					

CONNECTOR XA246) CONTINUED ON THE NEXT PAGE ****

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DRAWING NUMBER 149304-880 UNIT ASSEMBLY NO. 149304 REV G INDEX XA246

UNIT ASSEMBLY CARD CAGE WIRED, MCU CONNECTOR FILE IDENT T39AMCMU DATE 09-02-82 PAGE 230

RECORD NUMBER	FROM PREFIX	FROM CONNECTOR	FROM PIN	FROM SH FG	TO PREFIX	TO CONNECTOR	TO PIN	TO SH FG	WIRE MULTI GROUP	WIRE CODE	WIRE COLOR	WIRE IDENT	SPEC INST MISC	SIGNAL	SEQ NO	EQUATION	TERM FACTOR	CKT OR CHIP TYPE	GROUP	LOAD OF POWER PLANE	TEST POINTS AND	TEST POINTS OF	SIGNAL DESCRIPTION	ECO NO
06906		XA246	73											SPP	01			SAM						
06907		XA246	74											SSB22J	02			SAM	Z4					
06908		XA246	75											SPP	01			SAM						
06909		XA246	76											SPP	01			SAM						
06910		XA246	77			XA247	77			16B	9			MSES7B	25			SAM	Z4					
06911		XA246	78			XA246	80			16B	9			MSD22A	033			SAM						
06912		XA246	79			XA245	79			18D	2			+05RES	15			SAM	Z4					
06913		XA246	80			XA326	04			16B	9			MSD22A	04			SAM	Z4					
06914		XA247	01			XA246	01			16B	9			MSES0B	11			SAM	Z1					
06915		XA247	02											GND	01			SAM						
06916		XA247	03											SPP	01			SAM						
06917		XA247	04											SPP	01			SAM						
06918		XA247	05											SSA12A	02			SAM	Z1					
06919		XA247	06											SPP	01			SAM						
06920		XA247	07											SSB12A	02			SAM	Z1					
06921		XA247	08											SPP	01			SAM						
06922		XA247	09											SPP	01			SAM						
06923		XA247	10											SPP	01			SAM						
06924		XA247	11			XA248	11			18D	2			+5VSAM	24			SAM						
06925		XA247	12											+5V	01			SAM						
06926		XA247	13											SSA12B	02			SAM	Z1					
06927		XA247	14											SSB12B	02			SAM	Z1					
06928		XA247	15											SPP	01			SAM						
06929		XA247	16											GND	01			SAM						
06930		XA247	17			XA248	17			16B	9			MSES1B	26			SAM	Z1					
06931		XA247	18											SPP	01			SAM	Z1					
06932		XA247	19			XA247	43			16B	9			MSD12A	01			SAM	Z1			SENSE AMP 12*		
06933		XA247	20			XA246	20			16B	9			MSES2B	26			SAM	Z2					
06934		XA247	21											SPP	01			SAM						
06935		XA247	22											SPP	01			SAM						
06936		XA247	23											SSA12C	02			SAM	Z2					
06937		XA247	24											SPP	01			SAM						
06938		XA247	25											SSB12C	02			SAM	Z2					
06939		XA247	26											SPP	01			SAM						
00011		XA247	27											DNW	01	+5SAM		SAM						
06940		XA247	28											+5V	01			SAM						
06941		XA247	29											SPP	01			SAM				KEYWAY		
06942		XA247	30											SPP	01			SAM				KEYWAY		
06943		XA247	31											SPP	01			SAM						
06944		XA247	32											GND	01			SAM						
06945		XA247	33											SSA12D	02			SAM	Z2					
06946		XA247	34											SPP	01			SAM						
06947		XA247	35											SSB12D	02			SAM	Z2					
06948		XA247	36											SPP	01			SAM						
06949		XA247	37											SPP	01			SAM						
06950		XA247	38											SPP	01			SAM						
06951		XA247	39			XA248	39			18D	2			+5VREF	23			SAM	Z2					
06952		XA247	40											SPP	01			SAM						
CONNECTOR XA247					CONTINUED ON THE NEXT PAGE ****																			

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DRAWING NUMBER 149304-880 UNIT ASSEMBLY NO. 149304 REV G INDEX XA247

UNIT ASSEMBLY CARD CAGE WIRED, MCU CONNECTOR FILE IDENT T39AMCMU DATE 09-02-82 PAGE 231

RECORD NUMBER	FROM PREFIX	FROM CONNECTOR	FROM PIN	FROM SHFG	TO PREFIX	TO CONNECTOR	TO PIN	TO SHFG	WIRE VOLT GROUP	WIRE CODE	WIRE COLOR	WIRE IDENT	SPC INST MISC	SIGNAL	SEQ NO	EQUATION	TERM	FACTOR	CKT OR CHIP TYPE	GRP	LOAD OR POWER PLANE	TEST POINTS AND	TEST POINTS OR	SIGNAL DESCRIPTION	ECO NO
06953		XA247	41			XA248	41			16B	9			MSES3B	11				SAM	Z2					
06954		XA247	42											SPP	01				SAM						
06955		XA247	43			XA247	65			16B	9			MSD12A	02				SAM	Z2					
06956		XA247	44											GND	01				SAM						
06957		XA247	45			XA248	45			16B	9			MSES4B	11				SAM	Z3					
06958		XA247	46											SPP	01				SAM						
06959		XA247	47											SPP	01				SAM						
06960		XA247	48											SPP	01				SAM						
06961		XA247	49											SSA12E	02				SAM	Z3					
06962		XA247	50											SPP	01				SAM						
06963		XA247	51											SSB12E	02				SAM	Z3					
06964		XA247	52											SPP	01				SAM						
06965		XA247	53											SPP	01				SAM					KEYWAY	
06966		XA247	54											SPP	01				SAM					KEYWAY	
06967		XA247	55											SSA12F	02				SAM	Z3					
06968		XA247	56											SPP	01				SAM						
06969		XA247	57											SSB12F	02				SAM	Z3					
06970		XA247	58											GND	01				SAM						
06971		XA247	59			XA247	60			18D	7			-5VOLT	46				SAM						
06972		XA247	60			XA248	59			18D	7			-5VOLT	47				SAM						
06973		XA247	61											SPP	01				SAM	Z3					
06974		XA247	62											SPP	01				SAM						
06975		XA247	63			XA246	63			16B	9			MSES5B	26				SAM	Z3					
06976		XA247	64											SPP	01				SAM						
06977		XA247	65			XA247	78			16B	9			MSD12A	03				SAM	Z3					
06978		XA247	66			XA248	66			16B	9			MSES6B	26				SAM	Z4					
06979		XA247	67											GND	01				SAM						
06980		XA247	68											SPP	01				SAM						
06981		XA247	69											SSA12H	02				SAM	Z4					
06982		XA247	70											SPP	01				SAM						
06983		XA247	71											SSB12H	02				SAM	Z4					
06984		XA247	72											SSA12J	02				SAM	Z4					
06985		XA247	73											SPP	01				SAM						
06986		XA247	74											SSB12J	02				SAM	Z4					
06987		XA247	75											SPP	01				SAM						
06988		XA247	76											SPP	01				SAM						
06989		XA247	77			XA248	77			16B	9			MSES7B	26				SAM	Z4					
06990		XA247	78			XA247	80			16B	9			MSD12A	033				SAM						
06991		XA247	79			XA246	79			18D	2			+05RES	14				SAM	Z4					
06992		XA247	80			XA325	22			16B	9			MSD12A	04				SAM	Z4					
06993		XA248	01			XA247	01			16B	9			MSES0B	10				SAM	Z1					
06994		XA248	02											GND	01				SAM						
06995		XA248	03											SPP	01				SAM						
06996		XA248	04											SPP	01				SAM						
06997		XA248	05											SSA11A	02				SAM	Z1					
06998		XA248	06											SPP	01				SAM						
06999		XA248	07											SSB11A	02				SAM	Z1					
07000		XA248	08											SPP	01				SAM						
CONNECTOR (XA248) CONTINUED ON THE NEXT PAGE ****																									

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DRAWING NUMBER 149304-880 UNIT ASSEMBLY NO. 149304 REV G INDEX XA248
UNIT ASSEMBLY CARD CAGE WIRED, MCU CONNECTOR FILE IDENT T39AMCMU DATE 09-02-82 PAGE 232

RECORD NUMBER	FROM PREFIX	FROM CONNECTOR	FROM PIN	FROM SH FG	TO PREFIX	TO CONNECTOR	TO PIN	TO SH FG	WIRE MULTI GROUP	WIRE CODE	WIRE COLOR	WIRE IDENT	SPC INST MISC	SIGNAL	SEC NO	EQUATION	TERM	FACTOR	CRT OR CHIP TYPE	GROUP	LOAD CP POWER PLANE	TEST POINTS AND	TEST POINTS OR	SIGNAL DESCRIPTION	ECO NO
07001		XA248	09											SPP	01				SAM						
07002		XA248	10											SPP	01				SAM						
07003		XA248	11			XA249	11			18D	2			+5VSAM	25				SAM						
07004		XA248	12											+5V	01				SAM						
07005		XA248	13											SSA11B	02				SAM	Z1					
07006		XA248	14											SSB11B	02				SAM	Z1					
07007		XA248	15											SPP	01				SAM						
07008		XA248	16											GND	01				SAM						
07009		XA248	17			XA249	17			16B	9			MSES1B	27				SAM	Z1					
07010		XA248	18											SPP	01				SAM	Z1					
07011		XA248	19			XA248	43			16B	9			MSD11A	01				SAM	Z1				SENSE AMP 11*	
07012		XA248	20			XA247	20			16B	9			MSES2B	25				SAM	Z2					
07013		XA248	21											SPP	01				SAM						
07014		XA248	22											SPP	01				SAM						
07015		XA248	23											SSA11C	02				SAM	Z2					
07016		XA248	24											SPP	01				SAM						
07017		XA248	25											SSB11C	02				SAM	Z2					
07018		XA248	26											SPP	01				SAM						
00012		XA248	27											DNW	01	+5SAM			SAM						
07019		XA248	28											+5V	01				SAM						
07020		XA248	29											SPP	01				SAM					KEYWAY	
07021		XA248	30											SPP	01				SAM					KEYWAY	
07022		XA248	31											SPP	01				SAM						
07023		XA248	32											GND	01				SAM						
07024		XA248	33											SSA11D	02				SAM	Z2					
07025		XA248	34											SPP	01				SAM						
07026		XA248	35											SSB11D	02				SAM	Z2					
07027		XA248	36											SPP	01				SAM						
07028		XA248	37											SPP	01				SAM						
07029		XA248	38											SPP	01				SAM						
07030		XA248	39			XA249	39			18D	2			+5VREF	24				SAM	Z2					
07031		XA248	40											SPP	01				SAM						
07032		XA248	41			XA249	41			16B	9			MSES3B	12				SAM	Z2					
07033		XA248	42											SPP	01				SAM						
07034		XA248	43			XA248	65			16B	9			MSD11A	02				SAM	Z2					
07035		XA248	44											GND	01				SAM						
07036		XA248	45			XA249	45			16B	9			MSES4B	12				SAM	Z3					
07037		XA248	46											SPP	01				SAM						
07038		XA248	47											SPP	01				SAM						
07039		XA248	48											SPP	01				SAM						
07040		XA248	49											SSA11E	02				SAM	Z3					
07041		XA248	50											SPP	01				SAM						
07042		XA248	51											SSB11E	02				SAM	Z3					
07043		XA248	52											SPP	01				SAM						
07044		XA248	53											SPP	01				SAM					KEYWAY	
07045		XA248	54											SPP	01				SAM					KEYWAY	
07046		XA248	55											SSA11F	02				SAM	Z3					
07047		XA248	56											SPP	01				SAM						
07048		XA248	57											SSB11F	02				SAM	Z3					
07049		XA248	58											GND	01				SAM						
CONNECTOR (XA248) CONTINUED ON THE NEXT PAGE ****																									

RECORD NUMBER	FROM PREFIX	FROM CONNECTOR	FROM PIN	FROM SH FG	TO PREFIX	TO CONNECTOR	TO PIN	TO SH FG	WIRE MULTI GROUP	WIRE CODE	WIRE COLOR	WIRE TRACE	SPEC TEST SIGNAL	SIGNAL	SPEC NO	EQUATION	TERM FACTOR	CKT ON CHIP TYPE	SPARE	LOAD OR POWER PLANE	TEST POINTS ANT	TEST POINTS TOP	SIGNAL DESCRIPTION	ECO NO
07050		XA248	59			XA248	60			1BD	7			-5VOLT	48			SAM						
07051		XA248	60			XA249	59			1BD	7			-5VOLT	49			SAM						
07052		XA248	61											SPP	01			SAM	Z3					
07053		XA248	62											SPP	01			SAM						
07054		XA248	63			XA247	63			16B	9			MSES5B	25			SAM	Z3					
07055		XA248	64											SPP	01			SAM						
07056		XA248	65			XA248	78			16B	9			MSD11A	03			SAM	Z3					
07057		XA248	66			XA249	66			16B	9			MSES6B	27			SAM	Z4					
07058		XA248	67											GND	01			SAM						
07059		XA248	68											SPP	01			SAM						
07060		XA248	69											SSA11H	02			SAM	Z4					
07061		XA248	70											SPP	01			SAM						
07062		XA248	71											SSB11H	02			SAM	Z4					
07063		XA248	72											SSA11J	02			SAM	Z4					
07064		XA248	73											SPP	01			SAM						
07065		XA248	74											SSB11J	02			SAM	Z4					
07066		XA248	75											SPP	01			SAM						
07067		XA248	76											SPP	01			SAM						
07068		XA248	77			XA249	77			16B	9			MSES7B	27			SAM	Z4					
07069		XA248	78			XA248	80			16B	9			MSD11A	033			SAM						
07070		XA248	79			XA247	79			1BD	2			+05RES	13			SAM	Z4					
07071		XA248	80			XA325	04			16B	9			MSD11A	04			SAM	Z4					
07072		XA249	01			XA248	01			16B	9			MSES0B	09			SAM	Z1					
07073		XA249	02											GND	01			SAM						
07074		XA249	03											SPP	01			SAM						
07075		XA249	04											SPP	01			SAM						
07076		XA249	05											SSA10A	02			SAM	Z1					
07077		XA249	06											SPP	01			SAM						
07078		XA249	07											SSB10A	02			SAM	Z1					
07079		XA249	08											SPP	01			SAM						
07080		XA249	09											SPP	01			SAM						
07081		XA249	10											SPP	01			SAM						
07082		XA249	11			XA250	11			1BD	2			+5VSAM	26			SAM						
07083		XA249	12											+5V	01			SAM						
07084		XA249	13											SSA10B	02			SAM	Z1					
07085		XA249	14											SSB10B	02			SAM	Z1					
07086		XA249	15											SPP	01			SAM						
07087		XA249	16											GND	01			SAM						
07088		XA249	17			XA250	17			16B	9			MSES1B	28			SAM	Z1					
07089		XA249	18											SPP	01			SAM	Z1					
07090		XA249	19			XA249	43			16B	9			MSD10A	01			SAM	Z1				SENSE AMP 10*	
07091		XA249	20			XA248	20			16B	9			MSES2B	24			SAM	Z2					
07092		XA249	21											SPP	01			SAM						
07093		XA249	22											SPP	01			SAM						
07094		XA249	23											SSA10C	02			SAM	Z2					
07095		XA249	24											SPP	01			SAM						
07096		XA249	25											SSB10C	02			SAM	Z2					
07097		XA249	26											SPP	01			SAM						
CONNECTOR (XA249) CONTINUED ON THE NEXT PAGE ****																								

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DRAWING NUMBER 149304-880 UNIT ASSEMBLY NO. 149304 REV G INDEX XA249

UNIT ASSEMBLY CARD CAGE WIRED, MCU CONNECTOR FILE IDENT T39AMCMU DATE 09-02-82 PAGE 234

RECORD NUMBER	FROM PREFIX	FROM CONNECTOR	FROM PIN	FROM SHEG	TO PREFIX	TO CONNECTOR	TO PIN	TO SHEG	WIRE MULTI GROUP	WIRE CODE	WIRE COLOR	WIRE IDENT	SPC TEST MISC	SIGNAL	SEQ NO	EQUATION	TERM FACTOR	CKT OR CHIP TYPE	GRP	LOAD OF POWER PLANE	TEST POINTS AND	TEST POINTS OR	SIGNAL DESCRIPTION	ECO NO
00013		XA249	27											DNW	01	+5SAM		SAM						
07098		XA249	28											+5V	01			SAM						
07099		XA249	29											SPP	01			SAM					KEYWAY	
07100		XA249	30											SPP	01			SAM					KEYWAY	
07101		XA249	31											SPP	01			SAM						
07102		XA249	32											GND	01			SAM						
07103		XA249	33											SSA10D	02			SAM	Z2					
07104		XA249	34											SPP	01			SAM						
07105		XA249	35											SSB10D	02			SAM	Z2					
07106		XA249	36											SPP	01			SAM						
07107		XA249	37											SPP	01			SAM						
07108		XA249	38											SPP	01			SAM						
07109		XA249	39			XA250	39			18D	2			+5VREF	25			SAM	Z2					
07110		XA249	40											SPP	01			SAM						
07111		XA249	41			XA250	41			16B	9			MSES3B	13			SAM	Z2					
07112		XA249	42											SPP	01			SAM						
07113		XA249	43			XA249	65			16B	9			MSD10A	02			SAM	Z2					
07114		XA249	44											GND	01			SAM						
07115		XA249	45			XA250	45			16B	9			MSES4B	13			SAM	Z3					
07116		XA249	46											SPP	01			SAM						
07117		XA249	47											SPP	01			SAM						
07118		XA249	48											SPP	01			SAM						
07119		XA249	49											SSA10E	02			SAM	Z3					
07120		XA249	50											SPP	01			SAM						
07121		XA249	51											SSB10E	02			SAM	Z3					
07122		XA249	52											SPP	01			SAM						
07123		XA249	53											SPP	01			SAM					KEYWAY	
07124		XA249	54											SPP	01			SAM					KEYWAY	
07125		XA249	55											SSA10F	02			SAM	Z3					
07126		XA249	56											SPP	01			SAM						
07127		XA249	57											SSB10F	02			SAM	Z3					
07128		XA249	58											GND	01			SAM						
07129		XA249	59			XA249	60			18D	7			-5VOLT	50			SAM						
07130		XA249	60			XA250	59			18D	7			-5VOLT	51			SAM						
07131		XA249	61											SPP	01			SAM	Z3					
07132		XA249	62											SPP	01			SAM						
07133		XA249	63			XA248	63			16B	9			MSES5B	24			SAM	Z3					
07134		XA249	64											SPP	01			SAM						
07135		XA249	65			XA249	78			16B	9			MSD10A	03			SAM	Z3					
07136		XA249	66			XA250	66			16B	9			MSES6B	28			SAM	Z4					
07137		XA249	67											GND	01			SAM						
07138		XA249	68											SPP	01			SAM						
07139		XA249	69											SSA10H	02			SAM	Z4					
07140		XA249	70											SPP	01			SAM						
07141		XA249	71											SSB10H	02			SAM	Z4					
07142		XA249	72											SSA10J	02			SAM	Z4					
07143		XA249	73											SPP	01			SAM						
07144		XA249	74											SSB10J	02			SAM	Z4					
07145		XA249	75											SPP	01			SAM						
07146		XA249	76											SPP	01			SAM						

CONNECTOR XA249) CONTINUED ON THE NEXT PAGE ****

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DRAWING NUMBER 149304-880 UNIT ASSEMBLY NO. 149304 REV G INDEX XA249

UNIT ASSEMBLY CARD CAGE WIRED, MCU CONNECTOR FILE IDENT T39AMCMU DATE 09-02-82 PAGE 235

RECORD NUMBER	PREFIX	CONNECTOR	PIN	SHIELD	PREFIX	CONNECTOR	PIN	SHIELD	MULTI GROUP	CODE	COLOR	IDENT	SPECIAL	SIGNAL	SEQ NO	EQUATION	TERM	AUTO	CKT OR CHIP TYPE	GROUP	LOAD OR POWER PLANE	TEST POINTS AND	TEST POINTS OR	SIGNAL DESCRIPTION	ECO NO
07147		XA249	77			XA250	77			16B	9			MSES7B	28				SAM	Z4					
07148		XA249	78			XA249	80			16B	9			MSD10A	033				SAM						
07149		XA249	79			XA248	79			18D	2			+05RES	12				SAM	Z4					
07150		XA249	80			XA325	06			16B	9			MSD10A	04				SAM	Z4					
07151		XA250	01			XA249	01			16B	9			MSES0B	08				SAM	Z1					
07152		XA250	02											GND	01				SAM						
07153		XA250	03											SPP	01				SAM						
07154		XA250	04											SPP	01				SAM						
07155		XA250	05											SSA09A	02				SAM	Z1					
07156		XA250	06											SPP	01				SAM						
07157		XA250	07											SSB09A	02				SAM	Z1					
07158		XA250	08											SPP	01				SAM						
07159		XA250	09											SPP	01				SAM						
07160		XA250	10											SPP	01				SAM						
07161		XA250	11			XA251	11			18D	2			+5VSAM	27				SAM						
07162		XA250	12											+5V	01				SAM						
07163		XA250	13											SSA09B	02				SAM	Z1					
07164		XA250	14											SSB09B	02				SAM	Z1					
07165		XA250	15											SPP	01				SAM						
07166		XA250	16											GND	01				SAM						
07167		XA250	17			XA251	17			16B	9			MSES1B	29				SAM	Z1					
07168		XA250	18											SPP	01				SAM	Z1					
07169		XA250	19											MSD09A	05				SAM	Z1					
07170		XA250	20			XA249	20			16B	9			MSES2B	23				SAM	Z2					
07171		XA250	21											SPP	01				SAM						
07172		XA250	22											SPP	01				SAM						
07173		XA250	23											SSA09C	02				SAM	Z2					
07174		XA250	24											SPP	01				SAM						
07175		XA250	25											SSB09C	02				SAM	Z2					
07176		XA250	26											SPP	01				SAM						
00014		XA250	27											DNW	01	+5SAM			SAM						
07177		XA250	28											+5V	01				SAM						
07178		XA250	29											SPP	01				SAM					KEYWAY	
07179		XA250	30											SPP	01				SAM					KEYWAY	
07180		XA250	31											SPP	01				SAM						
07181		XA250	32											GND	01				SAM						
07182		XA250	33											SSA09D	02				SAM	Z2					
07183		XA250	34											SPP	01				SAM						
07184		XA250	35											SSB09D	02				SAM	Z2					
07185		XA250	36											SPP	01				SAM						
07186		XA250	37											SPP	01				SAM						
07187		XA250	38											SPP	01				SAM						
07188		XA250	39			XA251	39			18D	2			+5VREF	26				SAM	Z2					
07189		XA250	40											SPP	01				SAM						
07190		XA250	41			XA251	41			16B	9			MSES3B	14				SAM	Z2					
07191		XA250	42											SPP	01				SAM						
07192		XA250	43			XA250	19			16B	9			MSD09A	04				SAM	Z2					
07193		XA250	44											GND	01				SAM						

CONNECTOR XA250) CONTINUED ON THE NEXT PAGE ****

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RECORD NUMBER	FROM PREFIX	FROM CONNECTOR	FROM PIN	FROM SH FG	TO PREFIX	TO CONNECTOR	TO PIN	TO SH FG	WIRE MULTI GROUP	WIRE CODE	WIRE COLOR	WIRE IDENT	SPEC TEST MISC	SIGNAL	REC NO	EQUATION	TERM FACTOR	CKT OR CHIP TYPE	GROUP	LOAD OR POWER PLANE	TEST POINTS ANCHOR	SIGNAL DESCRIPTION	ECO NO
07194		XA250	45			XA251	45			16B	9			MSES4B	14			SAM	Z3				
07195		XA250	46											SPP	01			SAM					
07196		XA250	47											SPP	01			SAM					
07197		XA250	48											SPP	01			SAM					
07198		XA250	49											SSA09E	02			SAM	Z3				
07199		XA250	50											SPP	01			SAM					
07200		XA250	51											SSB09E	02			SAM	Z3				
07201		XA250	52											SPP	01			SAM					
07202		XA250	53											SPP	01			SAM				KEYWAY	
07203		XA250	54											SPP	01			SAM				KEYWAY	
07204		XA250	55											SSA09F	02			SAM	Z3				
07205		XA250	56											SPP	01			SAM					
07206		XA250	57											SSB09F	02			SAM	Z3				
07207		XA250	58											GND	01			SAM					
07208		XA250	59			XA250	60			1BD	7			-5VOLT	52			SAM					
07209		XA250	60			XA251	59			1BD	7			-5VOLT	53			SAM					
07210		XA250	61											SPP	01			SAM	Z3				
07211		XA250	62											SPP	01			SAM					
07212		XA250	63			XA249	63			16B	9			MSES5B	23			SAM	Z3				
07213		XA250	64											SPP	01			SAM					
07214		XA250	65			XA250	43			16B	9			MSD09A	03			SAM	Z3				
07215		XA250	66			XA251	66			16B	9			MSES6B	29			SAM	Z4				
07216		XA250	67											GND	01			SAM					
07217		XA250	68											SPP	01			SAM					
07218		XA250	69											SSA09H	02			SAM	Z4				
07219		XA250	70											SPP	01			SAM					
07220		XA250	71											SSB09H	02			SAM	Z4				
07221		XA250	72											SSA09J	02			SAM	Z4				
07222		XA250	73											SPP	01			SAM					
07223		XA250	74											SSB09J	02			SAM	Z4				
07224		XA250	75											SPP	01			SAM					
07225		XA250	76											SPP	01			SAM					
07226		XA250	77	3		XA251	77	3		16B	9			MSES7B	29			SAM	Z4				
07227		XA250	78			XA250	65			16B	9			MSD09A	022			SAM					
07228		XA250	79			XA249	79			1BD	2			+05RES	11			SAM	Z4				
07229		XA250	80			XA250	78			16B	9			MSD09A	02			SAM	Z4				
07230		XA251	01			XA250	01			16B	9			MSES0B	07			SAM	Z1				
07231		XA251	02											GND	01			SAM					
07232		XA251	03											SPP	01			SAM					
07233		XA251	04											SPP	01			SAM					
07234		XA251	05											SSA08A	02			SAM	Z1				
07235		XA251	06											SPP	01			SAM					
07236		XA251	07											SSB08A	02			SAM	Z1				
07237		XA251	08											SPP	01			SAM					
07238		XA251	09											SPP	01			SAM					
07239		XA251	10											SPP	01			SAM					
07240		XA251	11			XA151	11			1BD	2			+5VSAM	28			SAM					
07241		XA251	12											+5V	01			SAM					
CONNECTOR XA251		CONTINUED ON THE NEXT PAGE ****																					

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UNIT ASSEMBLY CARD CAGE WIRED, MCU CONNECTOR FILE IDENT T39AMCMU DATE 09-02-82 PAGE 237

RECORD NUMBER	FROM PREFIX	FROM CONNECTOR	FROM PIN	FROM SHIELD	TO PREFIX	TO CONNECTOR	TO PIN	TO SHIELD	WIRE MULTI GROUP	WIRE CODE	WIRE COLOR	WIRE IDENT	SPECIAL MISC	SIGNAL	SIG NO	EQUATION	TERM FACTOR	CKT OR CHIP TYPE	GROUP	LOAD OR POWER PLANE	TEST POINTS AND/OR	SIGNAL DESCRIPTION	ECO NO
07242		XA251	13											SSA08B	02			SAM	Z1				
07243		XA251	14											SSB08B	02			SAM	Z1				
07244		XA251	15											SPP	01			SAM					
07245		XA251	16											GND	01			SAM					
07246		XA251	17			XA151	17			16B	9			MSES1B	30			SAM	Z1				
07247		XA251	18											SPP	01			SAM	Z1				
07248		XA251	19			XA251	43			16B	9			MSD08A	01			SAM	Z1			SENSE AMP 08*	
07249		XA251	20			XA250	20			16B	9			MSES2B	22			SAM	Z2				
07250		XA251	20										K	MSES2B	37			SAM	Z2				
07251		XA251	21											SPP	01			SAM					
07252		XA251	22											SPP	01			SAM					
07253		XA251	23											SSA08C	02			SAM	Z2				
07254		XA251	24											SPP	01			SAM					
07255		XA251	25											SSB08C	02			SAM	Z2				
07256		XA251	26											SPP	01			SAM					
00015		XA251	27											DNW	01	+5SAM		SAM					
07257		XA251	28											+5V	01			SAM					
07258		XA251	29											SPP	01			SAM				KEYWAY	
07259		XA251	30											SPP	01			SAM				KEYWAY	
07260		XA251	31											SPP	01			SAM					
07261		XA251	32											GND	01			SAM					
07262		XA251	33											SSA08D	02			SAM	Z2				
07263		XA251	34											SPP	01			SAM					
07264		XA251	35											SSB08D	02			SAM	Z2				
07265		XA251	36											SPP	01			SAM					
07266		XA251	37											SPP	01			SAM					
07267		XA251	38											SPP	01			SAM					
07268		XA251	39			XA151	39			18D	2			+5VREF	27			SAM	Z2				
07269		XA251	39			XA351	39			18D	2			+5VREF	36			SAM	Z2				
07270		XA251	40											SPP	01			SAM					
07271		XA251	41			XA151	41			16B	9			MSES3B	15			SAM	Z2				
07272		XA251	42											SPP	01			SAM					
07273		XA251	43			XA251	65			16B	9			MSD08A	02			SAM	Z2				
07274		XA251	44											GND	01			SAM					
07275		XA251	45			XA151	45			16B	9			MSES4B	15			SAM	Z3				
07276		XA251	46											SPP	01			SAM					
07277		XA251	47											SPP	01			SAM					
07278		XA251	48											SPP	01			SAM					
07279		XA251	49											SSA08E	02			SAM	Z3				
07280		XA251	50											SPP	01			SAM					
07281		XA251	51											SSB08E	02			SAM	Z3				
07282		XA251	52											SPP	01			SAM					
07283		XA251	53											SPP	01			SAM				KEYWAY	
07284		XA251	54											SPP	01			SAM				KEYWAY	
07285		XA251	55											SSA08F	02			SAM	Z3				
07286		XA251	56											SPP	01			SAM					
07287		XA251	57											SSB08F	02			SAM	Z3				
07288		XA251	58											GND	01			SAM					
07289		XA251	59			XA251	60			18D	7			-5VOLT	54			SAM					
07290		XA251	60			XA151	60			18D	7			-5VOLT	55			SAM					

CONNECTOR (XA251) CONTINUED ON THE NEXT PAGE ****

Litton DATA SYSTEMS

DRAWING NUMBER 149304-880 UNIT ASSEMBLY NO. 149304 REV G INDEX XA251

UNIT ASSEMBLY CARD CAGE WIRED, MCU CONNECTOR FILE IDENT T39AMCMU DATE 09-02-82 PAGE 238

RECORD NUMBER	FROM PREFIX	FROM CONNECTOR	FROM PIN	FROM SH FG	TO PREFIX	TO CONNECTOR	TO PIN	TO SH FG	WIRE MULTI GROUP	WIRE CODE	WIRE COLOR	WIRE IDENT	SPECIAL MISC	SIGNAL	SEQ NO	EQUATION	TERM	FACTOR	CKT OR CHIP TYPE	GRP	LOAD OF POWER PLANE	TEST POINTS ANC	TEST POINTS OF	SIGNAL DESCRIPTION	ECO NO
07291		XA251	60			XA351	59			18D	7			-5VOLT	71				SAM						
07292		XA251	61											SPP	01				SAM	Z3					
07293		XA251	62											SPP	01				SAM						
07294		XA251	63			XA250	63			16B	9			MSES5B	22				SAM	Z3					
07295		XA251	64											SPP	01				SAM						
07296		XA251	65			XA251	78			16B	9			MSD08A	03				SAM	Z3					
07297		XA251	66			XA151	66			16B	9			MSES6B	30				SAM	Z4					
07298		XA251	66	3		XA351	66			16B	9			MSES6B	099				SAM	Z4					
07299		XA251	67											GND	01				SAM						
07300		XA251	68											SPP	01				SAM						
07301		XA251	69											SSA08H	02				SAM	Z4					
07302		XA251	70											SPP	01				SAM						
07303		XA251	71											SSB08H	02				SAM	Z4					
07304		XA251	72											SSA08J	02				SAM	Z4					
07305		XA251	73											SPP	01				SAM						
07306		XA251	74											SSB08J	02				SAM	Z4					
07307		XA251	75											SPP	01				SAM						
07308		XA251	76											SPP	01				SAM						
07309		XA251	77			XA151	77			16B	9			MSES7B	30				SAM	Z4					
07310		XA251	77	1		XA351	77	1		16B	9			MSES7B	099				SAM	Z4					
07311		XA251	78			XA251	80			16B	9			MSD08A	033				SAM						
07312		XA251	79			XA250	79			18D	2			+05RES	10				SAM	Z4					
07313		XA251	80			XA324	75			16B	9			MSD08A	04				SAM	Z4					
07314		XA301	01			XA421	09			16B	9			WMBA0A1	01				FP						
07315		XA301	02											GND	01				FP						
07316		XA301	03			XA421	08			16B	9			WMBA1A1	01				FP						
07317		XA301	04											GND	02				FP						
07318		XA301	05			XA421	07			16B	9			WMBA2A1	01				FP						
07319		XA301	06											GND	01				FP						
07320		XA301	07											SPP	01				FP						
07321		XA301	08											GND	02				FP						
07322		XA301	09			XA421	18			16B	9			WM0F0A1	01				FP						
07323		XA301	10			XA301	12			16B	9			GND200	01				FP						
07324		XA301	11											MDGND81	10				FP						
07325		XA301	12											GND200	02				FP						
07326		XA301	12											GND	01				FP						
07327		XA301	13											EXFLTL	02				FP						
07328		XA301	14											GND	01				FP						
07329		XA301	15			XA220	60			16B	9			MRSETDX	01				FP						
07330		XA301	16											GND	01				FP						
07331		XA301	17											MA0N0A	02				FP						
07332		XA301	18											GND	01				FP						
07333		XA301	19			XA301	20			16B	9			GND201	01				FP						
07334		XA301	20											GND201	02				FP						
07335		XA301	20											GND	01				FP						
07336		XA301	21			XA421	06			16B	9			WMBA3A1	01				FP						
07337		XA301	22											GND	01				FP						
07338		XA301	23											SPP	04				FP					FP GND + 0V TEMP	
CONNECTOR (XA301) CONTINUED ON THE NEXT PAGE ****																									

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Litton DATA SYSTEMS

DRAWING NUMBER 149304-880 **UNIT ASSEMBLY NO.** 149304 **REV** G **INDEX** XA301

UNIT ASSEMBLY CARD CAGE WIRED, MCU **CONNECTOR** **FILE IDENT** T39AMCMU **DATE** 09-02-82 **PAGE** 239

RECORD NUMBER	FROM PREFIX	FROM CONNECTOR	FROM PIN	FROM SHELL	TO PREFIX	TO CONNECTOR	TO PIN	TO SHELL	WIRE GROUP	WIRE CODE	WIRE COLOR	WIRE IDENT	WIRE SIZE	SIGNAL	SEQ NO	EQUATION	TERM	FACTOR	CKT OR CHIP TYPE	GRP	LOAD OR POWER PLANE	TEST POINTS AND	TEST POINTS OR	SIGNAL DESCRIPTION	ECO NO
07339		XA301	24											GND	01				FP						
07340		XA301	25			XA321	06			16B	9			+5AUX	02				FP						
07341		XA301	26											GND	02				FP						
07342		XA301	27											SPP	01				FP						
07343		XA301	28											GND	01				FP						
07344		XA301	29			XA106	09			16B	9			PWLMPB4	00				FP						
07345		XA301	30											GND	01				FP						
07346		XA301	31											SPP	01				FP						
07347		XA301	32											GND	01				FP						
07348		XA301	33											SPP	01				FP						
07349		XA301	34											GND	01				FP						
07350		XA301	35											SPP	01				FP						
07351		XA301	36											GND	01				FP						
07352		XA301	37			XA301	39			16B	9			+5VPA	02				FP						
07353		XA301	38											GND	01				FP						
07354		XA301	38											GND101	03				FP						
07355		XA301	39			XA301	41			16B	9			+5VPA	03				FP						
07356		XA301	40											GND	01				FP						
07357		XA301	41											+5VPA	04				FP						
07358		XA301	42											GND	91				FP						
07359		XA301	43			XA301	45			16B	9			+5VPB	02				FP						
07360		XA301	44											GND	05				FP						
07361		XA301	44											+5VPBR	03				FP						
07362		XA301	45			XA301	47			16B	9			+5VPB	03				FP						
07363		XA301	46											GND	01				FP						
07364		XA301	47											+5VPB	04				FP						
07365		XA301	48											GND	01				FP						
07366		XA301	49											SPP	01				FP						
07367		XA301	50											GND	01				FP						
07368		XA301	51											LOGC1B	02				FP						
07369		XA301	52											GND	01				FP						
07370		XA301	53			XA301	15			16B	9			MRSETDX	00				FP						
07371		XA301	54											GND	01				FP						
07372		XA301	55											LOGIOB	02				FP						
07373		XA301	56											GND	01				FP						
07374		XA301	57			XA301	59			16B	9			+5VPC	14				FP						
07375		XA301	58											GND	01				FP						
07376		XA301	58											+5VPCR	02				FP						
07377		XA301	59			XA301	61			16B	9			+5VPC	15				FP						
07378		XA301	60											GND	01				FP						
07379		XA301	61											+5VPC	16				FP						
07380		XA301	62											GND	01				FP						
07381		XA301	63			XA301	65			16B	9			+5VPD	14				FP						
07382		XA301	64											GND	01				FP						
07383		XA301	64											+5VPDR	02				FP						
07384		XA301	65			XA301	67			16B	9			+5VPD	15				FP						
07385		XA301	66											GND	01				FP						
07386		XA301	67											+5VPD	16				FP						
07387		XA301	68											GND	01				FP						
07388		XA301	69											SPP	01				FP						
CONNECTOR XA301) CONTINUED ON THE NEXT PAGE ****																									

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Litton DATA SYSTEMS

DRAWING NUMBER 149304-880 UNIT ASSEMBLY NO. 149304 REV G INDEX XA301

UNIT ASSEMBLY CARD CAGE WIRED, MCU CONNECTOR FILE IDENT T39AMCMU DATE 09-02-82 PAGE 240

RECORD NUMBER	FROM PREFIX	FROM CONNECTOR	FROM PIN	SH FG	TO PREFIX	TO CONNECTOR	TO PIN	SH FG	WIRE MULTI GROUP	WIRE CODE	WIRE COLOR	WIRE IDENT	SPEC MISC	SIGNAL	SEQ NO	EQUATION	TERM	FACTOR	CKT OR CNCTR TYPE	COAX	WIRE OR POWER PLANE	TEST POINTS ANCHOR	TEST POINTS	SPACE DESCRIPTION	ECO NO
07389		XA301	70											GND	01				FP						
07390		XA301	71											SPP	01				FP						
07391		XA301	72											GND	01				FP						
07392		XA301	73											SPP	01				FP						
07393		XA301	74											SPP	01				FP						
07394		XA301	75											SPP	01				FP						
07395		XA301	76											SPP	01				FP						
07396		XA301	77											SPP	01				FP						
07397		XA301	78											GND	01				FP						
07398		XA301	79											SPP	01				FP						
07399		XA301	80											GND	01				FP						
07400		XA302	01			XA304	05			16B	9			MBY0PDX	03				EXT						
07401		XA302	02											GND500	02				EXT						
07402		XA302	02											GND	01				EXT						
07403		XA302	03			XA304	06			16B	9			MBY00DX	03				EXT						
07404		XA302	04											GND501	02				EXT						
07405		XA302	04											GND	01				EXT						
07406		XA302	05			XA304	07			16B	9			MBY01DX	03				EXT						
07407		XA302	06											GND502	02				EXT						
07408		XA302	06											GND	01				EXT						
07409		XA302	07			XA304	08			16B	9			MBY02DX	03				EXT						
07410		XA302	08											GND503	03				EXT						
07411		XA302	08											GND	01				EXT						
07412		XA302	09			XA304	10			16B	9			MBY03DX	03				EXT						
07413		XA302	10			XA302	12			16B	9			GND600	01				EXT						
07414		XA302	11			XA304	17			16B	9			MBY04DX	03				EXT						
07415		XA302	12			XA303	12			16B	9			GND600	02				EXT						
07416		XA302	12											GND	01				EXT						
07417		XA302	13			XA304	18			16B	9			MBY05DX	03				EXT						
07418		XA302	14											GND504	02				EXT						
07419		XA302	14											GND	01				EXT						
07420		XA302	15			XA304	20			16B	9			MBY06DX	03				EXT						
07421		XA302	16											GND505	02				EXT						
07422		XA302	16											GND	01				EXT						
07423		XA302	17			XA304	09			16B	9			MBY07DX	03				EXT						
07424		XA302	18											GND506	02				EXT						
07425		XA302	18											GND	01				EXT						
07426		XA302	19			XA304	24			16B	9			MBY08DX	03				EXT						
07427		XA302	20											GND507	02				EXT						
07428		XA302	20											GND	01				EXT						
07429		XA302	21			XA304	25			16B	9			MBY09DX	03				EXT						
07430		XA302	22											GND508	02				EXT						
07431		XA302	22											GND	01				EXT						
07432		XA302	23			XA304	26			16B	9			MBY10DX	03				EXT						
07433		XA302	24											GND509	02				EXT						
07434		XA302	24											GND	01				EXT						
07435		XA302	25			XA304	30			16B	9			MBY11DX	03				EXT						
07436		XA302	26											GND510	02				EXT						
CONNECTOR (XA302) CONTINUED ON THE NEXT PAGE ****																									

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DRAWING NUMBER 149304-880 UNIT ASSEMBLY NO. 149304 REV G INDEX XA302

UNIT ASSEMBLY CARD CAGE WIRED, MCU CONNECTOR FILE IDENT T39AMCMU DATE 09-02-82 PAGE 241

RECORD NUMBER	PREFIX	CONNECTOR	PIN	SH FG	PREFIX	CONNECTOR	PIN	SH FG	MULTI GROUP	CODE	COLOR	IDENT	SPEC INS	SIGNAL	SEQ NO	EQUATION	TERM FACTOR	OR CHIP TYPE	PROF	OR POWER PLANE	POINTS AND	POINTS OR	SIGNAL DESCRIPTION	ECO NO
07437		XA302	26											GND	01			EXT						
07438		XA302	27			XA304	19			16B	9			MBY12DX	03			EXT						
07439		XA302	28											GND511	02			EXT						
07440		XA302	28											GND	01			EXT						
07441		XA302	29			XA304	36			16B	9			MBY13DX	03			EXT						
07442		XA302	30											GND512	02			EXT						
07443		XA302	30											GND	01			EXT						
07444		XA302	31			XA304	37			16B	9			MBY14DX	03			EXT						
07445		XA302	32											GND513	02			EXT						
07446		XA302	32											GND	01			EXT						
07447		XA302	33			XA304	38			16B	9			MBY15DX	03			EXT						
07448		XA302	34											GND514	02			EXT						
07449		XA302	34											GND	01			EXT						
07450		XA302	35			XA304	40			16B	9			MBY16DX	03			EXT						
07451		XA302	36											GND515	02			EXT						
07452		XA302	36											GND	01			EXT						
07453		XA302	37			XA304	41			16B	9			MBY17DX	03			EXT						
07454		XA302	38											GND516	02			EXT						
07455		XA302	38											GND	01			EXT						
07456		XA302	39			XA304	42			16B	9			MBY18DX	03			EXT						
07457		XA302	40											GND517	02			EXT						
07458		XA302	40											GND	01			EXT						
07459		XA302	41			XA304	45			16B	9			MBY19DX	03			EXT						
07460		XA302	42											GND518	02			EXT						
07461		XA302	42											GND	01			EXT						
07462		XA302	43			XA304	46			16B	9			MBY20DX	03			EXT						
07463		XA302	44											GND519	02			EXT						
07464		XA302	44											GND	01			EXT						
07465		XA302	45			XA304	29			16B	9			MBY21DX	03			EXT						
07466		XA302	46											GND520	02			EXT						
07467		XA302	46											GND	01			EXT						
07468		XA302	47			XA304	48			16B	9			MBY22DX	03			EXT						
07469		XA302	48											GND521	02			EXT						
07470		XA302	48											GND	01			EXT						
07471		XA302	49			XA304	51			16B	9			MBY23DX	03			EXT						
07472		XA302	50											GND522	02			EXT						
07473		XA302	50											GND	01			EXT						
07474		XA302	51			XA304	52			16B	9			MBY24DX	03			EXT						
07475		XA302	52											GND523	02			EXT						
07476		XA302	52											GND	01			EXT						
07477		XA302	53			XA304	53			16B	9			MBY25DX	03			EXT						
07478		XA302	54											GND524	02			EXT						
07479		XA302	54											GND	01			EXT						
07480		XA302	55			XA304	54			16B	9			MBY26DX	03			EXT						
07481		XA302	56											GND525	02			EXT						
07482		XA302	56											GND	01			EXT						
07483		XA302	57			XA304	55			16B	9			MBY27DX	03			EXT						
07484		XA302	58											GND526	02			EXT						
07485		XA302	58											GND	01			EXT						
07486		XA302	59			XA304	56			16B	9			MBY28DX	03			EXT						

CONNECTOR XA302 CONTINUED ON THE NEXT PAGE ****

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DRAWING NUMBER 149304-880 UNIT ASSEMBLY NO. 149304 REV G INDEX XA302

UNIT ASSEMBLY CARD CAGE WIRED, MCU CONNECTOR FILE IDENT T39AMCMU DATE 09-02-82 PAGE 242

RECORD NUMBER	FROM PREFIX	FROM CONNECTOR	FROM PIN	FROM SH FG	TO PREFIX	TO CONNECTOR	TO PIN	TO SH FG	WIRE MULT GROUP	WIRE CODE	WIRE COLOR	WIRE IDENT	SPC INST MISC	SIGNAL	SEQ NO	EQUATION	TERM FACTOR	CKT OR CMP TYPE	DIGIT	LOAD OR POWER PLANE	TEST POINTS AND	TEST POINTS OR	SIGNAL DESCRIPTION	ECO NO
07487		XA302	60											GND527	02			EXT						
07488		XA302	60											GND	01			EXT						
07489		XA302	61			XA304	61			16B	9			MBY29DX	03			EXT						
07490		XA302	62											GND528	02			EXT						
07491		XA302	62											GND	01			EXT						
07492		XA302	63			XA304	62			16B	9			MBY30DX	03			EXT						
07493		XA302	64											GND529	02			EXT						
07494		XA302	64											GND	01			EXT						
07495		XA302	65			XA304	63			16B	9			MBY31DX	03			EXT						
07496		XA302	66											GND530	02			EXT						
07497		XA302	66											GND	01			EXT						
07498		XA302	67			XA303	67			16B	9			MBYMIDX	005			EXT						
07499		XA302	68											GND531	02			EXT						
07500		XA302	68											GND	01			EXT						
07501		XA302	69			XA303	69			16B	9			MBYACDX	005			EXT						
07502		XA302	70											GND532	02			EXT						
07503		XA302	70											GND	01			EXT						
07504		XA302	71			XA303	71			16B	9			MBYHCDX	005			EXT						
07505		XA302	72											GND533	02			EXT						
07506		XA302	72											GND	01			EXT						
07507		XA302	73			XA304	77			16B	9			MBYS1HX	03			EXT						
07508		XA302	74			XA303	74			16B	9			MBYS1GX	005			EXT						
07509		XA302	75			XA304	78			16B	9			MBYS2HX	03			EXT						
07510		XA302	76			XA303	76			16B	9			MBYS2GX	005			EXT						
07511		XA302	77			XA303	77			16B	9			MBYAPDX	005			EXT						
07512		XA302	78											GND534	02			EXT						
07513		XA302	78											GND	01			EXT						
07514		XA302	79			XA304	74			16B	9			MBYPFDX	03			EXT						
07515		XA302	80											GND535	02			EXT						
07516		XA302	80											GND	01			EXT						
07517		XA303	01			XA302	01			16B	9			MBY0PDX	02			EXT						
07518		XA303	02			XA302	02			16B	9			GND500	01			EXT						
07519		XA303	03			XA302	03			16B	9			MBY00DX	02			EXT						
07520		XA303	04			XA302	04			16B	9			GND501	01			EXT						
07521		XA303	05			XA302	05			16B	9			MBY01DX	02			EXT						
07522		XA303	06			XA302	06			16B	9			GND502	01			EXT						
07523		XA303	07			XA302	07			16B	9			MBY02DX	02			EXT						
07524		XA303	08			XA302	08			16B	9			GND503	02			EXT						
07525		XA303	09			XA302	09			16B	9			MBY03DX	02			EXT						
07526		XA303	10			XA303	08			16B	9			GND503	01			EXT						
07527		XA303	11			XA302	11			16B	9			MBY04DX	02			EXT						
07528		XA303	12											GND600	03			EXT						
07529		XA303	13			XA302	13			16B	9			MBY05DX	02			EXT						
07530		XA303	14			XA302	14			16B	9			GND504	01			EXT						
07531		XA303	15			XA302	15			16B	9			MBY06DX	02			EXT						
07532		XA303	16			XA302	16			16B	9			GND505	01			EXT						
07533		XA303	17			XA302	17			16B	9			MBY07DX	02			EXT						
07534		XA303	18			XA302	18			16B	9			GND506	01			EXT						
CONNECTOR XA303 CONTINUED ON THE NEXT PAGE ****																								

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DRAWING NUMBER 149304-880 UNIT ASSEMBLY NO. 149304 REV G INDEX XA303

UNIT ASSEMBLY CARD CAGE WIRED, MCU CONNECTOR FILE IDENT T39AMCMU DATE 09-02-82 PAGE 243

RECORD NUMBER	FROM			SHIELD	TO			SHIELD	WIRE			SPECIAL INSTRUCTIONS	SIGNAL	SEQ NO	EQUATION	TERM	FACTOR	CKT OR CHIP TYPE	GROUP	LOAD OR POWER PLANE	TEST POINTS		SIGNAL DESCRIPTION	ECO NO
	PREFIX	CONNECTOR	PIN		PREFIX	CONNECTOR	PIN		MULT GROUP	CODE	COLOR	IDENT									AND	OR		
07535		XA303	19			XA302	19			16B	9			MBY08DX	02				EXT					
07536		XA303	20			XA302	20			16B	9			GND507	01				EXT					
07537		XA303	21			XA302	21			16B	9			MBY09DX	02				EXT					
07538		XA303	22			XA302	22			16B	9			GND508	01				EXT					
07539		XA303	23			XA302	23			16B	9			MBY10DX	02				EXT					
07540		XA303	24			XA302	24			16B	9			GND509	01				EXT					
07541		XA303	25			XA302	25			16B	9			MBY11DX	02				EXT					
07542		XA303	26			XA302	26			16B	9			GND510	01				EXT					
07543		XA303	27			XA302	27			16B	9			MBY12DX	02				EXT					
07544		XA303	28			XA302	28			16B	9			GND511	01				EXT					
07545		XA303	29			XA302	29			16B	9			MBY13DX	02				EXT					
07546		XA303	30			XA302	30			16B	9			GND512	01				EXT					
07547		XA303	31			XA302	31			16B	9			MBY14DX	02				EXT					
07548		XA303	32			XA302	32			16B	9			GND513	01				EXT					
07549		XA303	33			XA302	33			16B	9			MBY15DX	02				EXT					
07550		XA303	34			XA302	34			16B	9			GND514	01				EXT					
07551		XA303	35			XA302	35			16B	9			MBY16DX	02				EXT					
07552		XA303	36			XA302	36			16B	9			GND515	01				EXT					
07553		XA303	37			XA302	37			16B	9			MBY17DX	02				EXT					
07554		XA303	38			XA302	38			16B	9			GND516	01				EXT					
07555		XA303	39			XA302	39			16B	9			MBY18DX	02				EXT					
07556		XA303	40			XA302	40			16B	9			GND517	01				EXT					
07557		XA303	41			XA302	41			16B	9			MBY19DX	02				EXT					
07558		XA303	42			XA302	42			16B	9			GND518	01				EXT					
07559		XA303	43			XA302	43			16B	9			MBY20DX	02				EXT					
07560		XA303	44			XA302	44			16B	9			GND519	01				EXT					
07561		XA303	45			XA302	45			16B	9			MBY21DX	02				EXT					
07562		XA303	46			XA302	46			16B	9			GND520	01				EXT					
07563		XA303	47			XA302	47			16B	9			MBY22DX	02				EXT					
07564		XA303	48			XA302	48			16B	9			GND521	01				EXT					
07565		XA303	49			XA302	49			16B	9			MBY23DX	02				EXT					
07566		XA303	50			XA302	50			16B	9			GND522	01				EXT					
07567		XA303	51			XA302	51			16B	9			MBY24DX	02				EXT					
07568		XA303	52			XA302	52			16B	9			GND523	01				EXT					
07569		XA303	53			XA302	53			16B	9			MBY25DX	02				EXT					
07570		XA303	54			XA302	54			16B	9			GND524	01				EXT					
07571		XA303	55			XA302	55			16B	9			MBY26DX	02				EXT					
07572		XA303	56			XA302	56			16B	9			GND525	01				EXT					
07573		XA303	57			XA302	57			16B	9			MBY27DX	02				EXT					
07574		XA303	58			XA302	58			16B	9			GND526	01				EXT					
07575		XA303	59			XA302	59			16B	9			MBY28DX	02				EXT					
07576		XA303	60			XA302	60			16B	9			GND527	01				EXT					
07577		XA303	61			XA302	61			16B	9			MBY29DX	02				EXT					
07578		XA303	62			XA302	62			16B	9			GND528	01				EXT					
07579		XA303	63			XA302	63			16B	9			MBY30DX	02				EXT					
07580		XA303	64			XA302	64			16B	9			GND529	01				EXT					
07581		XA303	65			XA302	65			16B	9			MBY31DX	02				EXT					
07582		XA303	66			XA302	66			16B	9			GND530	01				EXT					
07583		XA303	67			XA220	80			16B	9			MBYMIDX	01				EXT					
07584		XA303	68			XA302	68			16B	9			GND531	01				EXT					
CONNECTOR (XA303) CONTINUED ON THE NEXT PAGE ****																								

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DRAWING NUMBER 149304-880 UNIT ASSEMBLY NO. 149304 REV G INDEX XA303

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RECORD NUMBER	FROM PREFIX	FROM CONNECTOR	FROM PIN	FROM SH FG	TO PREFIX	TO CONNECTOR	TO PIN	TO SH FG	WIRE MULTI GROUP	WIRE CODE	WIRE COLOR	WIRE IDENT	SPC INST MISC	* SIGNAL	REC NO	EQUATION	TERM	FACTOR	CKT OR CHIP TYPE	GROUP	QUAD OR POWER PLANE	TEST POINTS AND/OR	SIGNAL DESCRIPTION	ECO NO
07585		XA303	69			XA220	65			16B	9			MBYACDX	01				EXT					
07586		XA303	70			XA302	70			16B	9			GND532	01				EXT					
07587		XA303	71			XA220	78			16B	9			MBYHCDX	01				EXT					
07588		XA303	72			XA302	72			16B	9			GND533	01				EXT					
07589		XA303	73			XA302	73			16B	9			MBYS1HX	02				EXT					
07590		XA303	74			XA321	23			16B	9			MBYS1GX	01				EXT					
07591		XA303	75			XA302	75			16B	9			MBYS2HX	02				EXT					
07592		XA303	76			XA322	23			16B	9			MBYS2GX	01				EXT					
07593		XA303	77			XA220	55			16B	9			MBYAPDX	01				EXT					
07594		XA303	78			XA302	78			16B	9			GND534	01				EXT					
07595		XA303	79			XA302	79			16B	9			MBYPFDX	02				EXT					
07596		XA303	80			XA302	80			16B	9			GND535	01				EXT					
07597		XA304	01											SPP										
07598		XA304	02											GND										
07599		XA304	03			XA304	04			16B	9			+5VPB0	03									
07600		XA304	04			XA304	13			16B	9			+5VPB0	04									
07601		XA304	05											MBY0PDX	04									
07602		XA304	06											MBY00DX	04									
07603		XA304	07											MBY01DX	04									
07604		XA304	08											MBY02DX	04									
07605		XA304	09											MBY07DX	04									
07606		XA304	10											MBY03DX	04									
07607		XA304	11											SPP								KEYWAY	G02	
07608		XA304	12											SPP								KEYWAY	G02	
07609		XA304	13			XA304	14			16B	9			+5VPB0	05									
07610		XA304	14			XA304	21			16B	9			+5VPB0	06									
07611		XA304	15											SPP										
07612		XA304	16											GND										
07613		XA304	17											MBY04DX	04									
07614		XA304	18											MBY05DX	04									
07615		XA304	19											MBY12DX	04									
07616		XA304	20											MBY06DX	04									
07617		XA304	21			XA304	22			16B	9			+5VPB0	07									
07618		XA304	22			XA304	33			16B	9			+5VPB0	08									
07619		XA304	23											SPP										
07620		XA304	24											MBY08DX	04									
07621		XA304	25											MBY09DX	04									
07622		XA304	26											MBY10DX	04									
07623		XA304	27											SPP								KEYWAY	G02	
07624		XA304	28											SPP								KEYWAY	G02	
07625		XA304	29											MBY21DX	04									
07626		XA304	30											MBY11DX	04									
07627		XA304	31											SPP										
07628		XA304	32											GND										
07629		XA304	32			XA106	58		VD	23D	0			+5VPBR	01									
07630		XA304	33			XA106	61		VD	23D	2			+5VPB0	01									
07631		XA304	33			XA304	34			16B	9			+5VPB0	09									
07632		XA304	34			XA304	49			16B	9			+5VPB0	10									
CONNECTOR		XA304			CONTINUED ON THE NEXT PAGE ****																			

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DRAWING NUMBER 149304-880 UNIT ASSEMBLY NO. 149304 REV G INDEX XA304

UNIT ASSEMBLY CARD CAGE WIRED, MCU CONNECTOR FILE IDENT T39AMCMU DATE 09-02-82 PAGE 245

RECORD NUMBER	FROM PREFIX	FROM CONNECTOR	FROM PIN	FROM SHIELD	TO PREFIX	TO CONNECTOR	TO PIN	TO SHIELD	WIRE MULTI GROUP	WIRE CODE	WIRE COLOR	WIRE IDENT	SPEC INST	SIGNAL	SPEC NO	EQUATION	TERM FACTOR	CKT OR CHIP TYPE	SPARE	LOAD OR POWER PLANE	TEST POINTS ANT	TEST POINTS DC	SIGNAL DESCRIPTION	ECO NO
07633		XA304	35											SPP										
07634		XA304	36											MBY13DX	04									
07635		XA304	37											MBY14DX	04									
07636		XA304	38											MBY15DX	04									
07637		XA304	39											SPP	01									
07638		XA304	40											MBY16DX	04									
07639		XA304	41											MBY17DX	04									
07640		XA304	42											MBY18DX	04									
07641		XA304	43											SPP										
07642		XA304	44											GND										
07643		XA304	45											MBY19DX	04									
07644		XA304	46											MBY20DX	04									
07645		XA304	47											SPP										
07646		XA304	48											MBY22DX	04									
07647		XA304	49			XA304	50			16B	9			+5VPB0	11									
07648		XA304	50			XA304	59			16B	9			+5VPB0	12									
07649		XA304	51											MBY23DX	04									
07650		XA304	52											MBY24DX	04									
07651		XA304	53											MBY25DX	04									
07652		XA304	54											MBY26DX	04									
07653		XA304	55											MBY27DX	04									
07654		XA304	56											MBY28DX	04									
07655		XA304	57											GND157	02									
07656		XA304	58											GND										
07657		XA304	58			XA304	57			16B	9			GND157	01									
07658		XA304	59			XA304	60			16B	9			+5VPB0	13									
07659		XA304	60			XA304	69			16B	9			+5VPB0	14									
07660		XA304	61											MBY29DX	04									
07661		XA304	62											MBY30DX	04									
07662		XA304	63											MBY31DX	04									
07663		XA304	64											SPP										
07664		XA304	65			XA302	69			16B	9			MBYACDX	00C									
07665		XA304	66			XA302	71			16B	9			MBYHCDX	00C									
07666		XA304	67											GND										
07667		XA304	68											SPP										
07668		XA304	69			XA304	70			16B	9			+5VPB0	15									
07669		XA304	70											+5VPB0	16									
07670		XA304	71											SPP										
07671		XA304	72			XA302	77			16B	9			MBYAPDX	00C									
07672		XA304	73											SPP										
07673		XA304	74											MBYPFDX	04									
07674		XA304	75											SPP										
07675		XA304	76											SPP										
07676		XA304	77											MBYS1HX	04									
07677		XA304	78											MBYS2HX	04									
07678		XA304	79			XA302	76			16B	9			MBYS2GX	00C									
07679		XA304	80			XA302	74			16B	9			MBYS1GX	00C									

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DRAWING NUMBER 149304-880 UNIT ASSEMBLY NO. 149304 REV G INDEX XA305

UNIT ASSEMBLY CARD CAGE WIRED, MCU CONNECTOR FILE IDENT T39AMCMU DATE 09-02-82 PAGE 246

RECORD NUMBER	FROM PREFIX	FROM CONNECTOR	FROM PIN	FROM SH FG	TO PREFIX	TO CONNECTOR	TO PIN	TO SH FG	WIRE MULTI GROUP	WIRE CODE	WIRE COLOR	WIRE IDENT	SPEC INST MISC	SIGNAL	SEQ NO	EQUATION	TERM	EXT OR CHIP TYPE	GAGE	LOAD PLANE POWER PLANE	TEST POINTS END	TEST POINTS DP	SIGNAL DESCRIPTION	SPEC NO
07680		XA305	01											SPP	01			VSE						
07681		XA305	02											GND	01			VSE						
07682		XA305	03											SPP	01			VSE						
07683		XA305	04											SPP	01			VSE						
07684		XA305	05											SPP	01			VSE						
07685		XA305	06											SPP	01			VSE						
07686		XA305	07											SPP	01			VSE						
07687		XA305	08											SPP	01			VSE						
07688		XA305	09										K	VARDCD3	04			VSE	VR					
07689		XA305	09											VARDCD3	06			VSE	VR					
07690		XA305	10										K	VARDCD3	02			VSE	VR					
07691		XA305	11											SPP	01			VSE						
07692		XA305	12											+5V	02			VSE						
07693		XA305	13											SPP	01			VSE						
07694		XA305	14											SPP	01			VSE						
07695		XA305	15											SPP	01			VSE						
07696		XA305	16											GND	01			VSE						
07697		XA305	17			XA307	17			16B	9			MCSD04	05			VSE	N1					
07698		XA305	18											SPP	01			VSE						
07699		XA305	19											SPP	01			VSE						
07700		XA305	20											SPP	01			VSE						
07701		XA305	21			XA309	01			16B	9			MCSD11	01			VSE	N2				BIT 11 VOLT SOURCE	
07702		XA305	22											SPP	01			VSE						
07703		XA305	23											SPP	01			VSE						
07704		XA305	24											SPP	01			VSE						
07705		XA305	25											SPP	01			VSE					KEYWAY	
07706		XA305	26											SPP	01			VSE					KEYWAY	
07707		XA305	27											SPP	01			VSE						
07708		XA305	28											+5V	01			VSE						
07709		XA305	29			XA311	01			16B	9			MCSD20	01			VSE	N3				BIT 20 VOLT SOURCE	
07710		XA305	30											SPP	01			VSE						
07711		XA305	31											SPP	01			VSE						
07712		XA305	32											GND	01			VSE						
07713		XA305	33											SPP	01			VSE						
07714		XA305	34											SPP	01			VSE						
07715		XA305	35											SPP	01			VSE						
07716		XA305	36											SPP	01			VSE						
07717		XA305	37											SPP	01			VSE						
07718		XA305	38											SPP	01			VSE						
07719		XA305	39			XA314	50			16B	9			MCSD28	01			VSE	N4				BIT 28 VOLT SOURCE	
07720		XA305	40											SPP	01			VSE						
07721		XA305	41											SPP	01			VSE						
07722		XA305	42											SPP	01			VSE						
07723		XA305	43											SPP	01			VSE						
07724		XA305	44											GND	01			VSE						
07725		XA305	45											SPP	01			VSE						
07726		XA305	46											SPP	01			VSE						
07727		XA305	47											MCSD29	09			VSE	N5					
07728		XA305	48											SPP	01			VSE						
07729		XA305	49											SPP	01			VSE						

CONNECTOR (XA305) CONTINUED ON THE NEXT PAGE ****

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DRAWING NUMBER 149304-880 UNIT ASSEMBLY NO. 149304 REV G INDEX XA305

UNIT ASSEMBLY CARD CAGE WIRED, MCU CONNECTOR FILE IDENT T39AMCMU DATE 09-02-82 PAGE 247

RECORD NUMBER	FROM PREFIX	FROM CONNECTOR	FROM PIN	FROM SHRD	TO PREFIX	TO CONNECTOR	TO PIN	TO SHRD	WIRE MULTI GROUP	WIRE CODE	WIRE COLOR	WIRE IDENT	SPEC INST MISC	SIGNAL	SEQ NO	EQUATION	TERM FACTOR	CKT OR CHIP TYPE	GROUP	LOAD OR POWER PLANE	TEST POINTS AND/OR	SIGNAL DESCRIPTION	ECO NO
07730		XA305	50											SPP	01			VSE					
07731		XA305	51											SPP	01			VSE				KEYWAY	
07732		XA305	52											SPP	01			VSE				KEYWAY	
07733		XA305	53											SPP	01			VSE					
07734		XA305	54											SPP	01			VSE					
07735		XA305	55			XA416	01			16B	9			MCSD18	01			VSE	N6			BIT 18 VOLT SOURCE	
07736		XA305	56											SPP	01			VSE					
07737		XA305	57											SPP	01			VSE					
07738		XA305	58											GND	01			VSE					
07739		XA305	59											SPP	01			VSE					
07740		XA305	60											SPP	01			VSE					
07741		XA305	61											SPP	01			VSE					
07742		XA305	62											SPP	01			VSE					
07743		XA305	63											MCSD30	09			VSE	N7				
07744		XA305	64											SPP	01			VSE					
07745		XA305	65											SPP	01			VSE					
07746		XA305	66											SPP	01			VSE					
07747		XA305	67											GND	01			VSE					
07748		XA305	68											SPP	01			VSE					
07749		XA305	69											SPP	01			VSE					
07750		XA305	70											SPP	01			VSE					
07751		XA305	71											SPP	01			VSE					
07752		XA305	72											SPP	01			VSE					
07753		XA305	73											SPP	01			VSE					
07754		XA305	74											SPP	01			VSE					
07755		XA305	75											SPP	01			VSE					
07756		XA305	76											SPP	01			VSE					
07757		XA305	77											SPP	01			VSE					
07758		XA305	78											SPP	01			VSE					
07759		XA305	79											SPP	01			VSE					
07760		XA305	80											SPP	01			VSE					
07761		XA306	01											SPP									
07762		XA306	02											GND									
07763		XA306	03											SPP									
07764		XA306	04											SPP									
07765		XA306	05											SPP									
07766		XA306	06											SPP									
07767		XA306	07											SPP									
07768		XA306	08											SPP									
07769		XA306	09											SPP									
07770		XA306	10											SPP									
07771		XA306	11											SPP									
07772		XA306	12											+5V									
07773		XA306	13											SPP									
07774		XA306	14											SPP									
07775		XA306	15											SPP									
07776		XA306	16											GND									
07777		XA306	17											SPP									
CONNECTOR (XA306) CONTINUED ON THE NEXT PAGE ****																							

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UNIT ASSEMBLY CARD CAGE WIRED, MCU CONNECTOR FILE IDENT T39AMCMU DATE 09-02-82 PAGE 248

RECORD NUMBER	FROM PREFIX	FROM CONNECTOR	FROM PIN	FROM SH FG	TO PREFIX	TO CONNECTOR	TO PIN	TO SH FG	WIRE MULTI GROUP	WIRE CODE	WIRE COLOR	WIRE IDENT	SPEC TEST MISC	SIGNAL	SEC NO	EQUATION	TERM FACTOR	CKT OR CHIP TYPE	GROUP	QUAD OR POWER PLANE	TEST POINTS AND OR	SIGNAL DESCRIPTION	ECO NO
07778		XA306	18											SPP									
07779		XA306	19											SPP									
07780		XA306	20											SPP									
07781		XA306	21											SPP									
07782		XA306	22											SPP									
07783		XA306	23											SPP									
07784		XA306	24											SPP									
07785		XA306	25											SPP									
07786		XA306	26											SPP									
07787		XA306	27											SPP									
07788		XA306	28											+5V									
07789		XA306	29											SPP									
07790		XA306	30											SPP									
07791		XA306	31											SPP									
07792		XA306	32											GND									
07793		XA306	33											SPP									
07794		XA306	34											SPP									
07795		XA306	35											SPP									
07796		XA306	36											SPP									
07797		XA306	37											SPP									
07798		XA306	38											SPP									
07799		XA306	39											SPP									
07800		XA306	40											SPP									
07801		XA306	41											SPP									
07802		XA306	42											SPP									
07803		XA306	43											SPP									
07804		XA306	44											GND									
07805		XA306	45											SPP									
07806		XA306	46											SPP									
07807		XA306	47											SPP									
07808		XA306	48											SPP									
07809		XA306	49											SPP									
07810		XA306	50											SPP									
07811		XA306	51											SPP									
07812		XA306	52											SPP									
07813		XA306	53											SPP									
07814		XA306	54											SPP									
07815		XA306	55											SPP									
07816		XA306	56											SPP									
07817		XA306	57											SPP									
07818		XA306	58											GND									
07819		XA306	59											SPP									
07820		XA306	60											SPP									
07821		XA306	61											SPP									
07822		XA306	62											SPP									
07823		XA306	63											SPP									
07824		XA306	64											SPP									
07825		XA306	65											SPP									
07826		XA306	66											SPP									
07827		XA306	67											GND									
CONNECTOR		XA306	) CONTINUED ON THE NEXT PAGE ****																				

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DRAWING NUMBER 149304-880 **UNIT ASSEMBLY NO.** 149304 **REV** G **INDEX** XA306

UNIT ASSEMBLY CARD CAGE WIRED, MCU **CONNECTOR** **FILE IDENT** T39AMCMU **DATE** 09-02-82 **PAGE** 249

RECORD NUMBER	FROM PREFIX	FROM CONNECTOR	FROM PIN	FROM SH FG	TO PREFIX	TO CONNECTOR	TO PIN	TO SH FG	WIRE MULTIPLE GROUP	WIRE CODE	WIRE COLOR	WIRE IDENT	SPLICE NO.	SIGNAL	SIG NO	EQUATION	TEST POINT	CAT OR MFR TYPE	SPEC	REAL OR PSEUDO PLANE	TEST POINTS PLANE	TEST POINTS PIN	SIGNAL DESCRIPTION	ECO NO
07828		XA306	68											SPP										
07829		XA306	69											SPP										
07830		XA306	70											SPP										
07831		XA306	71											SPP										
07832		XA306	72											SPP										
07833		XA306	73											SPP										
07834		XA306	74											SPP										
07835		XA306	75											SPP										
07836		XA306	76											SPP										
07837		XA306	77											SPP										
07838		XA306	78											SPP										
07839		XA306	79											SPP										
07840		XA306	80											SPP										
07841		XA307	01											MCSD04	09			SWT	Z1					
07842		XA307	02											GND	01			SWT						
07843		XA307	03			XA308	07			16B	9			MDB0BB	10			SWT	Z1					
07844		XA307	04			XA309	04			16B	9			MDB1BB	12			SWT	Z1					
07845		XA307	05											SPP	01			SWT	Z1					
07846		XA307	06			XA308	06			16B	9			MDW04A	03			SWT	Z1					
07847		XA307	07			XA308	03			16B	9			MDB2BB	08			SWT	Z1					
07848		XA307	08											MDRICB	32			SWT	Z1					
07849		XA307	09			XA308	15			16B	9			04YSS0	01			SWT	Z1					
07850		XA307	10			XA308	04			16B	9			MDB3BB	09			SWT	Z1					
07851		XA307	11											04YSS1	02			SWT	Z1					
07852		XA307	12											+5V	01			SWT						
07853		XA307	13											04YCA0	02			SWT	Z2					
07854		XA307	14			XA308	14			18D	2			+12VOLT	043			SWT						
07855		XA307	14			XA307	47			18D	2			+12VOLT	123			SWT						
07856		XA307	15			XA308	09			16B	9			04YSS2	01			SWT	Z1					
07857		XA307	16											GND	01			SWT						
07858		XA307	17			XA308	17			16B	9			MCSD04	06			SWT	Z2					
07859		XA307	18											04YCA1	02			SWT	Z2					
07860		XA307	19			XA309	19			16B	9			MDA0BB	09			SWT	Z2					
07861		XA307	20			XA207	78			16B	9			MDA1BB	16			SWT	Z2					
07862		XA307	21											04YSS3	02			SWT	Z1					
07863		XA307	22			XA207	72			16B	9			MDA3BB	15			SWT	Z2					
07864		XA307	23			XA308	23			16B	9			MDR04A	03			SWT	Z2					
07865		XA307	24											04YCC3	02			SWT	Z2					
07866		XA307	25			XA308	25			16B	9			MDWICB	02			SWT	Z2					
07867		XA307	26											SPP	01			SWT	Z2					
07868		XA307	27			XA309	27			16B	9			MDA2BB	13			SWT	Z2					
07869		XA307	28											+5V	01			SWT						
07870		XA307	29											SPP	01			SWT					KEYWAY	
07871		XA307	30											SPP	01			SWT					KEYWAY	
07872		XA307	31											04YCC2	02			SWT	Z2					
07873		XA307	32											GND	01			SWT						
07874		XA307	33			XA305	17			16B	9			MCSD04	04			SWT	Z3					
07875		XA307	34			XA313	34			16B	9			MDB5BB	14			SWT	Z3					

CONNECTOR (XA307) CONTINUED ON THE NEXT PAGE ****

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DRAWING NUMBER 149304-880 UNIT ASSEMBLY NO. 149304 REV G INDEX XA307

UNIT ASSEMBLY CARD CAGE WIRED, MCU CONNECTOR FILE IDENT T39AMCMU DATE 09-02-82 PAGE 250

RECORD NUMBER	FROM PREFIX	FROM CONNECTOR	FROM PIN	FROM SHIELD GRP	TO PREFIX	TO CONNECTOR	TO PIN	TO SHIELD GRP	WIRE MULTI GROUP	WIRE CODE	WIRE COLOR	WIRE IDENT	SPECIAL SIG	SIGNAL	SEQ NO	EQUATION	TERM FACTOR	CKT OR CHIP TYPE	GRID	LOAD OF POWER PLANE	TEST POINTS END	TEST POINTS OF	SIGNAL DESCRIPTION	ECO NO
07876		XA307	35			XA308	43			16B	9			MDB4BB	09			SWT	Z3					
07877		XA307	36			XA308	34			16B	9			MDB7BB	11			SWT	Z3					
07878		XA307	37			XA308	37			16B	9			MDW04A	01			SWT	Z3					
07879		XA307	38											SPP	01			SWT	Z3					
07880		XA307	39			XA308	39			16B	9			MDRICB	13			SWT	Z3					
07881		XA307	40											04YSS5	02			SWT	Z3					
07882		XA307	41											SPP	01			SWT				KEYWAY		
07883		XA307	42											SPP	01			SWT				KEYWAY		
07884		XA307	43			XA309	43			16B	9			MDB6BB	12			SWT	Z3					
07885		XA307	44											GND	01			SWT						
07886		XA307	45			XA308	51			16B	9			04YSS4	01			SWT	Z3					
07887		XA307	46											SPP	01			SWT						
07888		XA307	47			XA408	14			18D	2			+12VOLT	058			SWT						
07889		XA307	47										K	+12VOLT	124			SWT						
07890		XA307	48											SPP	01			SWT						
07891		XA307	49											04YCA6	02			SWT	Z4					
07892		XA307	50			XA308	33			16B	9			MCSD04	02			SWT	Z4					
07893		XA307	51			XA308	45			16B	9			04YSS6	01			SWT	Z3					
07894		XA307	52											04YCA7	02			SWT	Z4					
07895		XA307	53											04YSS7	02			SWT	Z3					
07896		XA307	54			XA308	27			16B	9			MDA6BB	12			SWT	Z4					
07897		XA307	55			XA307	25			16B	9			MDWICB	01			SWT	Z4					
07898		XA307	56			XA307	23			16B	9			MDR04A	02			SWT	Z4					
07899		XA307	57			XA308	19			16B	9			MDA4BB	12			SWT	Z4					
07900		XA307	58											GND	01			SWT						
07901		XA307	59											SPP	01			SWT	Z4					
07902		XA307	60			XA309	60			16B	9			MDA7BB	09			SWT	Z4					
07903		XA307	61											04YCC4	02			SWT	Z4					
07904		XA307	62			XA309	62			16B	9			MDA5BB	11			SWT	Z4					
07905		XA307	63			XA305	47			16B	9			MCSD29	08			SWT	Z5					
07906		XA307	64											04YCC5	02			SWT	Z4					
07907		XA307	65			XA309	70			16B	9			29YSS1	01			SWT						
07908		XA307	66											29YCA1	02			SWT	Z5					
07909		XA307	67											GND	01			SWT						
07910		XA307	68			XA309	75			16B	9			MDA0BB	17			SWT	Z5					
07911		XA307	69											29YCA0	02			SWT	Z5					
07912		XA307	70			XA309	65			16B	9			29YSS3	01			SWT						
07913		XA307	71			XA309	71			16B	9			MDR29A	01			SWT	Z5					
07914		XA307	72			XA308	62			16B	9			MDA1BB	08			SWT	Z5					
07915		XA307	73			XA308	66			16B	9			29YC01	01			SWT				BIT 29 SQ DIODE 1		
07916		XA307	74											SPP	01			SWT	Z5					
07917		XA307	75			XA307	27			16B	9			MDA2BB	12			SWT	Z5					
07918		XA307	76			XA309	76			16B	9			MDWICB	21			SWT	Z5					
07919		XA307	77											29YCC2	02			SWT	Z5					
07920		XA307	78			XA308	60			16B	9			MDA3BB	07			SWT	Z5					
07921		XA307	79			XA308	80			16B	9			29YCI3	01			SWT				BIT 29 SI DIODE 3		
07922		XA307	80											29YCC3	02			SWT	Z5					

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DRAWING NUMBER 149304-880 UNIT ASSEMBLY NO. 149304 REV G INDEX XA308

UNIT ASSEMBLY CARD CAGE WIRED, MCU CONNECTOR FILE IDENT T39AMCMU DATE 09-02-82 PAGE 251

RECORD NUMBER	FROM PREFIX	FROM CONNECTOR	FROM PIN	FROM SUFFIX	TO PREFIX	TO CONNECTOR	TO PIN	TO SUFFIX	WIRE VOLT GROUP	WIRE CODE	WIRE COLOR	WIRE IDENT	SPECIAL	SIGNAL	ECO NO	EQUATION	TERM	FACTOR	CKT OR CHIP TYPE	GROUP	LOAD OR POWER PLANE	TEST POINTS AND	TEST POINTS OR	SIGNAL DESCRIPTION	ECO NO
07923		XA308	01			XA307	01			16B	9			MCSD04	08				SWT	Z1					
07924		XA308	02											GND	01				SWT						
07925		XA308	03			XA309	07			16B	9			MDB2BB	09				SWT	Z1					
07926		XA308	04			XA312	04			16B	9			MDB3BB	10				SWT	Z1					
07927		XA308	05											SPP	01				SWT	Z1					
07928		XA308	06			XA217	14			16B	9			MDW04A	04				SWT	Z1					
07929		XA308	07			XA309	03			16B	9			MDB0BB	11				SWT	Z1					
07930		XA308	08			XA307	08			16B	9			MDRICB	31				SWT	Z1					
07931		XA308	09											04YSS2	02				SWT	Z1					
07932		XA308	10			XA308	72			16B	9			MDB1BB	16				SWT	Z1					
07933		XA308	11			XA307	21			16B	9			04YSS3	01				SWT	Z1					
07934		XA308	12											+5V	01				SWT						
07935		XA308	13											04YCA4	02				SWT	Z2					
07936		XA308	14			XA309	14			18D	2			+12VOLT	044				SWT						
07937		XA308	15											04YSS0	02				SWT	Z1					
07938		XA308	16											GND	01				SWT						
07939		XA308	17			XA308	01			16B	9			MCSD04	07				SWT	Z2					
07940		XA308	18											04YCA5	02				SWT	Z2					
07941		XA308	19			XA310	19			16B	9			MDA4BB	13				SWT	Z2					
07942		XA308	20			XA307	62			16B	9			MDA5BB	10				SWT	Z2					
07943		XA308	21			XA307	11			16B	9			04YSS1	01				SWT	Z1					
07944		XA308	22			XA209	72			16B	9			MDA7BB	16				SWT	Z2					
07945		XA308	23			XA218	14			16B	9			MDR04A	04				SWT	Z2					
07946		XA308	24											04YCC7	02				SWT	Z2					
07947		XA308	25			XA309	25			16B	9			MDWICB	03				SWT	Z2					
07948		XA308	26											SPP	01				SWT	Z2					
07949		XA308	27			XA310	27			16B	9			MDA6BB	13				SWT	Z2					
07950		XA308	28											+5V	01				SWT						
07951		XA308	29											SPP	01				SWT					KEYWAY	
07952		XA308	30											SPP	01				SWT					KEYWAY	
07953		XA308	31											04YCC6	02				SWT	Z2					
07954		XA308	32											GND	01				SWT						
07955		XA308	33			XA307	33			16B	9			MCSD04	03				SWT	Z3					
07956		XA308	34			XA309	36			16B	9			MDB7BB	12				SWT	Z3					
07957		XA308	35			XA307	43			16B	9			MDB6BB	11				SWT	Z3					
07958		XA308	36			XA307	34			16B	9			MDB5BB	13				SWT	Z3					
07959		XA308	37			XA307	06			16B	9			MDW04A	02				SWT	Z3					
07960		XA308	38											SPP	01				SWT	Z3					
07961		XA308	39			XA309	39			16B	9			MDRICB	14				SWT	Z3					
07962		XA308	40			XA307	53			16B	9			04YSS7	01				SWT	Z3					
07963		XA308	41											SPP	01				SWT					KEYWAY	
07964		XA308	42											SPP	01				SWT					KEYWAY	
07965		XA308	43			XA310	43			16B	9			MDB4BB	10				SWT	Z3					
07966		XA308	44											GND	01				SWT						
07967		XA308	45											04YSS6	02				SWT	Z3					
07968		XA308	46											SPP	01				SWT						
07969		XA308	47			XA307	47			18D	2			+12VOLT	057				SWT						
07970		XA308	48											SPP	01				SWT						
07971		XA308	49											04YCA2	02				SWT	Z4					
07972		XA308	50			XA307	50			16B	9			MCSD04	01				SWT	Z4				BIT 04 VOLT SOURCE	

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UNIT ASSEMBLY CARD CAGE WIRED, MCU CONNECTOR FILE IDENT T39AMCMU DATE 09-02-82 PAGE 252

RECORD NUMBER	FROM PREFIX	FROM CONNECTOR	FROM PIN	FROM SH FB	TO PREFIX	TO CONNECTOR	TO PIN	TO SH FB	WIRE MULT GROUP	WIRE CODE	WIRE COLOR	WIRE IDENT	SPEC INST MISC	SIGNAL	SEC NO	EQUATION	TERM	FACTOR	CKT OR CHIP TYPE	SIDE	LOC OF BOARD PLANE	TEST POINTS ANCHOR	SIGNAL DESCRIPTION	ECO NO
07973		XA308	51											04YSS4	02				SWT	Z3				
07974		XA308	52											04YCA3	02				SWT	Z4				
07975		XA308	53			XA307	40			16B	9			04YSS5	01				SWT	Z3				
07976		XA308	54			XA309	68			16B	9			MDA2BB	10				SWT	Z4				
07977		XA308	55			XA307	76			16B	9			MDWICB	20				SWT	Z4				
07978		XA308	56			XA307	56			16B	9			MDR04A	01				SWT	Z4				
07979		XA308	57			XA307	68			16B	9			MDA0BB	16				SWT	Z4				
07980		XA308	58											GND	01				SWT					
07981		XA308	59											SPP	01				SWT	Z4				
07982		XA308	60			XA310	60			16B	9			MDA3BB	08				SWT	Z4				
07983		XA308	61											04YCC0	02				SWT	Z4				
07984		XA308	62			XA310	62			16B	9			MDA1BB	09				SWT	Z4				
07985		XA308	63			XA307	63			16B	9			MCSD29	07				SWT	Z5				
07986		XA308	64											04YCC1	02				SWT	Z4				
07987		XA308	65			XA310	70			16B	9			29YSS0	01				SWT					
07988		XA308	66											29YC01	02				SWT	Z5				
07989		XA308	67											GND	01				SWT					
07990		XA308	68			XA208	75			16B	9			MDB0BB	08				SWT	Z5				
07991		XA308	69											29YC00	02				SWT	Z5				
07992		XA308	70											29YSS2	02				SWT					
07993		XA308	71			XA310	71			16B	9			MDW29A	01				SWT	Z5				
07994		XA308	72			XA310	78			16B	9			MDB1BB	17				SWT	Z5				
07995		XA308	73			XA308	69			16B	9			29YC00	01				SWT				BIT 29 SQ DIODE 0	
07996		XA308	74											SPP	01				SWT	Z5				
07997		XA308	75			XA408	07			16B	9			MDB2CB	01				SWT	Z5				
07998		XA308	76			XA307	39			16B	9			MDRICB	12				SWT	Z5				
07999		XA308	77			XA308	79			16B	9			29YCI2	01				SWT	Z5			BIT 29 SI DIODE 2	
08000		XA308	78			XA307	10			16B	9			MDB3BB	08				SWT	Z5				
08001		XA308	79											29YCI2	02				SWT					
08002		XA308	80							16B	9			29YCI3	02				SWT	Z5				
08003		XA309	01			XA310	01			16B	9			MCSD11	02				SWT	Z1				
08004		XA309	02											GND	01				SWT					
08005		XA309	03			XA310	07			16B	9			MDB0BB	12				SWT	Z1				
08006		XA309	04			XA311	04			16B	9			MDB1BB	13				SWT	Z1				
08007		XA309	05											SPP	01				SWT	Z1				
08008		XA309	06			XA310	06			16B	9			MDW11A	03				SWT	Z1				
08009		XA309	07			XA310	03			16B	9			MDB2BB	10				SWT	Z1				
08010		XA309	08			XA308	08			16B	9			MDRICB	30				SWT	Z1				
08011		XA309	09			XA310	15			16B	9			11YSS0	01				SWT	Z1				
08012		XA309	10			XA310	04			16B	9			MDB3BB	15				SWT	Z1				
08013		XA309	11											11YSS1	02				SWT	Z1				
08014		XA309	12											+5V	01				SWT					
08015		XA309	13											11YCA0	02				SWT	Z2				
08016		XA309	14			XA310	14			18D	2			+12VOLT	045				SWT					
08017		XA309	15			XA310	09			16B	9			11YSS2	01				SWT	Z1				
08018		XA309	16											GND	01				SWT					
08019		XA309	17			XA309	33			16B	9			MCSD11	05				SWT	Z2				
08020		XA309	18											11YCA1	02				SWT	Z2				
CONNECTOR XA309) CONTINUED ON THE NEXT PAGE ****																								

RECORD NUMBER	FROM PREFIX	FROM CONNECTOR	FROM PIN	FROM SH FG	TO PREFIX	TO CONNECTOR	TO PIN	TO SH FG	WIRE MULTI GROUP	WIRE CODE	WIRE COLOR	WIRE IDENT	SPEC INST MISC	SIGNAL	SPEC NO	EQUATION	TERM FACTOR	CKT OR CHIP TYPE	GROUP	LOAD OR POWER PLANES	TEST POINTS AND	TEST POINTS OR	SIGNAL DESCRIPTION	ECO NO
08021		XA309	19			XA311	19			16B	9			MDA0BB	10			SWT	Z2					
08022		XA309	20			XA307	20			16B	9			MDA1BB	15			SWT	Z2					
08023		XA309	21											11YSS3	02			SWT	Z1					
08024		XA309	22			XA307	22			16B	9			MDA3BB	14			SWT	Z2					
08025		XA309	23			XA310	23			16B	9			MDR11A	03			SWT	Z2					
08026		XA309	24											11YCC3	02			SWT	Z2					
08027		XA309	25			XA310	25			16B	9			MDWICB	04			SWT	Z2					
08028		XA309	26											SPP	01			SWT	Z2					
08029		XA309	27			XA311	27			16B	9			MDA2BB	14			SWT	Z2					
08030		XA309	28											+5V	01			SWT						
08031		XA309	29											SPP	01			SWT					KEYWAY	
08032		XA309	30											SPP	01			SWT					KEYWAY	
08033		XA309	31											11YCC2	02			SWT	Z2					
08034		XA309	32											GND	01			SWT						
08035		XA309	33			XA310	33			16B	9			MCSD11	06			SWT	Z3					
08036		XA309	34			XA308	36			16B	9			MDB5BB	12			SWT	Z3					
08037		XA309	35			XA307	35			16B	9			MDB4BB	08			SWT	Z3					
08038		XA309	36			XA310	34			16B	9			MDB7BB	13			SWT	Z3					
08039		XA309	37			XA310	37			16B	9			MDW11A	01			SWT	Z3					
08040		XA309	38											SPP	01			SWT	Z3					
08041		XA309	39			XA310	39			16B	9			MDRICB	15			SWT	Z3					
08042		XA309	40											11YSS5	02			SWT	Z3					
08043		XA309	41											SPP	01			SWT					KEYWAY	
08044		XA309	42											SPP	01			SWT					KEYWAY	
08045		XA309	43			XA311	43			16B	9			MDB6BB	13			SWT	Z3					
08046		XA309	44											GND	01			SWT						
08047		XA309	45											11YSS4	02			SWT	Z3					
08048		XA309	46											SPP	01			SWT						
08049		XA309	47			XA308	47			18D	2			+12VOLT	056			SWT						
08050		XA309	48											SPP	01			SWT						
08051		XA309	49											11YCA6	02			SWT	Z4					
08052		XA309	50			XA310	50			16B	9			MCSD11	08			SWT	Z4					
08053		XA309	51			XA310	45			16B	9			11YSS6	01			SWT	Z3					
08054		XA309	52											11YCA7	02			SWT	Z4					
08055		XA309	53			XA310	40			16B	9			11YSS7	01			SWT	Z3					
08056		XA309	54			XA307	54			16B	9			MDA6BB	11			SWT	Z4					
08057		XA309	55			XA308	55			16B	9			MDWICB	19			SWT	Z4					
08058		XA309	56			XA309	23			16B	9			MDR11A	02			SWT	Z4					
08059		XA309	57			XA307	57			16B	9			MDA4BB	11			SWT	Z4					
08060		XA309	58											GND	01			SWT						
08061		XA309	59											SPP	01			SWT	Z4					
08062		XA309	60			XA311	60			16B	9			MDA7BB	10			SWT	Z4					
08063		XA309	61											11YCC4	02			SWT	Z4					
08064		XA309	62			XA311	72			16B	9			MDA5BB	12			SWT	Z4					
08065		XA309	63			XA308	63			16B	9			MCSD29	06			SWT	Z5					
08066		XA309	64											11YCC5	02			SWT	Z4					
08067		XA309	65											29YSS3	02			SWT						
08068		XA309	66											29YCA3	02			SWT	Z5					
08069		XA309	67											GND	01			SWT						
08070		XA309	68			XA307	75			16B	9			MDA2BB	11			SWT	Z5					

CONNECTOR (XA309) CONTINUED ON THE NEXT PAGE ****

RECORD NUMBER	FROM PREFIX	FROM CONNECTOR	FROM PIN	FROM SHIELD	TO PREFIX	TO CONNECTOR	TO PIN	TO SHIELD	WIRE MULTI GROUP	WIRE CODE	WIRE COLOR	WIRE IDENT	SPEC INST MISC	SIGNAL	SEQ NO	EQUATION	TERM	FACTOR	CNT OR CHIP TYPE	SHORT	CODE OF POWER PLANE	TEST POINTS AND	TEST POINTS OF	SIGNAL DESCRIPTION	ECO NO
08071		XA309	69											29YCA2	02				SWT	Z5					
08072		XA309	70											29YSS1	02				SWT						
08073		XA309	71			XA311	71			16B	9			MDR29A	02				SWT	Z5					
08074		XA309	72			XA417	60			16B	9			MDA3BB	00				SWT	Z5					
08075		XA309	73			XA310	66			16B	9			29YC03	01				SWT					BIT 29 SQ DIODE 3	
08076		XA309	74											SPP	01				SWT	Z5					
08077		XA309	75			XA416	19			16B	9			MDA0BB	18				SWT	Z5					
08078		XA309	76			XA311	76			16B	9			MDWICB	22				SWT	Z5					
08079		XA309	77											29YCC0	02				SWT	Z5					
08080		XA309	78			XA307	72			16B	9			MDA1BB	07				SWT	Z5					
08081		XA309	79											29YCI1	02				SWT						
08082		XA309	80											29YCC1	02				SWT	Z5					
08083		XA310	01			XA310	17			16B	9			MCSD11	03				SWT	Z1					
08084		XA310	02											GND	01				SWT						
08085		XA310	03			XA311	07			16B	9			MDB2BB	11				SWT	Z1					
08086		XA310	04			XA208	72			16B	9			MDB3BB	16				SWT	Z1					
08087		XA310	05											SPP	01				SWT	Z1					
08088		XA310	06			XA217	52			16B	9			MDW11A	04				SWT	Z1					
08089		XA310	07			XA311	03			16B	9			MDB0BB	13				SWT	Z1					
08090		XA310	08			XA309	08			16B	9			MDRICB	29				SWT	Z1					
08091		XA310	09											11YSS2	02				SWT	Z1					
08092		XA310	10			XA308	10			16B	9			MDB1BB	15				SWT	Z1					
08093		XA310	11			XA309	21			16B	9			11YSS3	01				SWT	Z1					
08094		XA310	12											+5V	01				SWT						
08095		XA310	13											11YCA4	02				SWT	Z2					
08096		XA310	14			XA311	14			18D	2			+12VOLT	046				SWT						
08097		XA310	14										M	+12VOLT	01				SWT						
08098		XA310	15											11YSS0	02				SWT	Z1					
08099		XA310	16											GND	01				SWT						
08100		XA310	17			XA309	17			16B	9			MCSD11	04				SWT	Z2					
08101		XA310	18											11YCA5	02				SWT	Z2					
08102		XA310	19			XA312	19			16B	9			MDA4BB	14				SWT	Z2					
08103		XA310	20			XA308	20			16B	9			MDA5BB	09				SWT	Z2					
08104		XA310	21			XA309	11			16B	9			11YSS1	01				SWT	Z1					
08105		XA310	22			XA308	22			16B	9			MDA7BB	15				SWT	Z2					
08106		XA310	23			XA218	52			16B	9			MDR11A	04				SWT	Z2					
08107		XA310	24											11YCC7	02				SWT	Z2					
08108		XA310	25			XA311	25			16B	9			MDWICB	05				SWT	Z2					
08109		XA310	26											SPP	01				SWT	Z2					
08110		XA310	27			XA312	27			16B	9			MDA6BB	14				SWT	Z2					
08111		XA310	28											+5V	01				SWT						
08112		XA310	29											SPP	01				SWT					KEYWAY	
08113		XA310	30											SPP	01				SWT					KEYWAY	
08114		XA310	31											11YCC6	02				SWT	Z2					
08115		XA310	32											GND	01				SWT						
08116		XA310	33			XA309	50			16B	9			MCSD11	07				SWT	Z3					
08117		XA310	34			XA311	36			16B	9			MDB7BB	14				SWT	Z3					
08118		XA310	35			XA308	35			16B	9			MDB6BB	10				SWT	Z3					

CONNECTOR XA310) CONTINUED ON THE NEXT PAGE ****

RECORD NUMBER	FROM PREFIX	FROM CONNECTOR	FROM PIN	FROM SHIELD	TO PREFIX	TO CONNECTOR	TO PIN	TO SHIELD	WIRE MULTI GROUP	WIRE CODE	WIRE COLOR	WIRE IDENT	SPECIAL INSTR	SIGNAL	SEQ NO	EQUATION	TERM	FACTOR	CKT OR CHIP TYPE	GROUP	LOAD OR POWER PLANE	TEST POINTS AND	TEST POINTS OR	SIGNAL DESCRIPTION	ECO NO
08119		XA310	36			XA309	34			16B	9			MD85BB	11				SWT	Z3					
08120		XA310	37			XA309	06			16B	9			MDW11A	02				SWT	Z3					
08121		XA310	38											SPP	01				SWT	Z3					
08122		XA310	39			XA311	39			16B	9			MDRICB	16				SWT	Z3					
08123		XA310	40											11YSS7	02				SWT	Z3					
08124		XA310	41											SPP	01				SWT					KEYWAY	
08125		XA310	42											SPP	01				SWT					KEYWAY	
08126		XA310	43			XA312	43			16B	9			MDB4BB	11				SWT	Z3					
08127		XA310	44											GND	01				SWT						
08128		XA310	45											11YSS6	02				SWT	Z3					
08129		XA310	46											SPP	01				SWT						
08130		XA310	47			XA309	47			1BD	2			+12VOLT	055				SWT						
08131		XA310	47										M	+12VOLT	01				SWT						
08132		XA310	48											SPP	01				SWT						
08133		XA310	49											11YCA2	02				SWT	Z4					
08134		XA310	50											MCSD11	09				SWT	Z4					
08135		XA310	51			XA309	45			16B	9			11YSS4	01				SWT	Z3					
08136		XA310	52											11YCA3	02				SWT	Z4					
08137		XA310	53			XA309	40			16B	9			11YSS5	01				SWT	Z3					
08138		XA310	54			XA308	54			16B	9			MDA2BB	09				SWT	Z4					
08139		XA310	55			XA309	55			16B	9			MDWICB	18				SWT	Z4					
08140		XA310	56			XA309	56			16B	9			MDR11A	01				SWT	Z4					
08141		XA310	57			XA308	57			16B	9			MDA0BB	15				SWT	Z4					
08142		XA310	58											GND	01				SWT						
08143		XA310	59											SPP	01				SWT	Z4					
08144		XA310	60			XA312	60			16B	9			MDA3BB	09				SWT	Z4					
08145		XA310	61											11YCC0	02				SWT	Z4					
08146		XA310	62			XA312	62			16B	9			MDA1BB	10				SWT	Z4					
08147		XA310	63			XA309	63			16B	9			MCSD29	05				SWT	Z5					
08148		XA310	64											11YCC1	02				SWT	Z4					
08149		XA310	65			XA308	70			16B	9			29YSS2	01				SWT						
08150		XA310	66											29YC03	02				SWT	Z5					
08151		XA310	67											GND	01				SWT						
08152		XA310	68			XA307	07			16B	9			MDB2BB	07				SWT	Z5					
08153		XA310	69											29YC02	02				SWT	Z5					
08154		XA310	70											29YSS0	02				SWT						
08155		XA310	71			XA312	71			16B	9			MDW29A	02				SWT	Z5					
08156		XA310	72			XA308	78			16B	9			MDB3BB	07				SWT	Z5					
08157		XA310	73			XA310	69			16B	9			29YC02	01				SWT					BIT 29 SQ DIODE 2	
08158		XA310	74											SPP	01				SWT	Z5					
08159		XA310	75			XA308	68			16B	9			MDB0BB	07				SWT	Z5					
08160		XA310	76			XA308	76			16B	9			MDRICB	11				SWT	Z5					
08161		XA310	77			XA310	79			16B	9			29YCI0	01				SWT	Z5				BIT 29 SI DIODE 0	
08162		XA310	78			XA416	04			16B	9			MDB1BB	18				SWT	Z5					
08163		XA310	79											29YCI0	02				SWT						
08164		XA310	80			XA309	79			16B	9			29YCI1	01				SWT	Z5				BIT 29 SI DIODE 1	
08165		XA311	01			XA312	01			16B	9			MCSD20	02				SWT	Z1					
08166		XA311	02											GND	01				SWT						
CONNECTOR (XA311) CONTINUED ON THE NEXT PAGE ****																									

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UNIT ASSEMBLY CARD CAGE WIRED, MCU CONNECTOR FILE IDENT T39AMCMU DATE 09-02-82 PAGE 256

RECORD NUMBER	FROM PREFIX	FROM CONNECTOR	FROM PIN	FROM SH FG	TO PREFIX	TO CONNECTOR	TO PIN	TO SH FG	WIRE MULTI GROUP	WIRE CODE	WIRE COLOR	WIRE IDENT	SPEC INST MISC	SIGNAL	SEC NO	EQUATION	TERM	FACTOR	CKT OR SHP TYPE	GROUP	LOAD OR POWER PLANE	TEST POINTS ANCTOR	SIGNAL DESCRIPTION	ECO NO
08167		XA311	03			XA312	07			16B	9			MDB0BB	14				SWT	Z1				
08168		XA311	04			XA310	10			16B	9			MDB1BB	14				SWT	Z1				
08169		XA311	05											SPP	01				SWT	Z1				
08170		XA311	06			XA312	06			16B	9			MDW20A	03				SWT	Z1				
08171		XA311	07			XA312	03			16B	9			MDB2BB	12				SWT	Z1				
08172		XA311	08			XA310	08			16B	9			MDRICB	28				SWT	Z1				
08173		XA311	09											20YSS0	02				SWT	Z1				
08174		XA311	10			XA309	10			16B	9			MDB3BB	14				SWT	Z1				
08175		XA311	11			XA312	21			16B	9			20YSS1	01				SWT	Z1				
08176		XA311	12											+5V	01				SWT					
08177		XA311	13											20YCA0	02				SWT	Z2				
08178		XA311	14			XA312	14			18D	2			+12VOLT	047				SWT					
08179		XA311	14			XA311	47			18D	2			+12VOLT	125				SWT					
08180		XA311	15											20YSS2	02				SWT	Z1				
08181		XA311	16											GND	01				SWT					
08182		XA311	17			XA311	33			16B	9			MCSD20	05				SWT	Z2				
08183		XA311	18											20YCA1	02				SWT	Z2				
08184		XA311	19			XA313	19			16B	9			MDA0BB	11				SWT	Z2				
08185		XA311	20			XA309	20			16B	9			MDA1BB	14				SWT	Z2				
08186		XA311	21			XA312	11			16B	9			20YSS3	01				SWT	Z1				
08187		XA311	22			XA309	22			16B	9			MDA3BB	13				SWT	Z2				
08188		XA311	23			XA312	23			16B	9			MDR20A	03				SWT	Z2				
08189		XA311	24											20YCC3	02				SWT	Z2				
08190		XA311	25			XA312	25			16B	9			MDWICB	06				SWT	Z2				
08191		XA311	26											SPP	01				SWT	Z2				
08192		XA311	27			XA313	27			16B	9			MDA2BB	15				SWT	Z2				
08193		XA311	28											+5V	01				SWT					
08194		XA311	29											SPP	01				SWT				KEYWAY	
08195		XA311	30											SPP	01				SWT				KEYWAY	
08196		XA311	31											20YCC2	02				SWT	Z2				
08197		XA311	32											GND	01				SWT					
08198		XA311	33			XA312	33			16B	9			MCSD20	06				SWT	Z3				
08199		XA311	34			XA310	36			16B	9			MDB5BB	10				SWT	Z3				
08200		XA311	35			XA309	35			16B	9			MDB4BB	07				SWT	Z3				
08201		XA311	36			XA312	34			16B	9			MDB7BB	15				SWT	Z3				
08202		XA311	37			XA312	37			16B	9			MDW20A	01				SWT	Z3				
08203		XA311	38											SPP	01				SWT	Z3				
08204		XA311	39			XA312	39			16B	9			MDRICB	17				SWT	Z3				
08205		XA311	40											20YSS5	02				SWT	Z3				
08206		XA311	41											SPP	01				SWT				KEYWAY	
08207		XA311	42											SPP	01				SWT				KEYWAY	
08208		XA311	43			XA313	43			16B	9			MDB6BB	14				SWT	Z3				
08209		XA311	44											GND	01				SWT					
08210		XA311	45			XA312	51			16B	9			20YSS4	01				SWT	Z3				
08211		XA311	46											SPP	01				SWT					
08212		XA311	47			XA310	47			18D	2			+12VOLT	054				SWT					
08213		XA311	47										K	+12VOLT	126				SWT					
08214		XA311	48											SPP	01				SWT					
08215		XA311	49											20YCA6	02				SWT	Z4				
08216		XA311	50			XA312	50			16B	9			MCSD20	08				SWT	Z4				

CONNECTOR (XA311) CONTINUED ON THE NEXT PAGE ****

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RECORD NUMBER	FROM PREFIX	FROM CONNECTOR	FROM PIN	FROM SH FG	TO PREFIX	TO CONNECTOR	TO PIN	TO SH FG	WIRE MULTI GROUP	WIRE CODE	WIRE COLOR	WIRE IDENT	SPC INST MISC	SIGNAL	SEQ NO	EQUATION	TERM FACTOR	CKT OR CHIP TYPE	GROUP	LOAD OR POWER PLANE	TEST POINTS ANC	TEST POINTS OR	SIGNAL DESCRIPTION	ECO NO
08217		XA311	51			XA312	45			16B	9			20YSS6	01			SWT	Z3					
08218		XA311	52											20YCA7	02			SWT	Z4					
08219		XA311	53											20YSS7	02			SWT	Z3					
08220		XA311	54			XA309	54			16B	9			MDA6BB	10			SWT	Z4					
08221		XA311	55			XA310	55			16B	9			MDWICB	17			SWT	Z4					
08222		XA311	56			XA311	23			16B	9			MDR20A	02			SWT	Z4					
08223		XA311	57			XA309	57			16B	9			MDA4BB	10			SWT	Z4					
08224		XA311	58											GND	01			SWT						
08225		XA311	59											SPP	01			SWT	Z4					
08226		XA311	60			XA313	60			16B	9			MDA7BB	11			SWT	Z4					
08227		XA311	61											20YCC4	02			SWT	Z4					
08228		XA311	62			XA313	62			16B	9			MDA5BB	14			SWT	Z4					
08229		XA311	63			XA310	63			16B	9			MCSD29	04			SWT	Z5					
08230		XA311	64											20YCC5	02			SWT	Z4					
08231		XA311	65			XA313	70			16B	9			29YSS5	01			SWT						
08232		XA311	66											29YCA5	02			SWT	Z5					
08233		XA311	67											GND	01			SWT						
08234		XA311	68			XA313	57			16B	9			MDA4BB	08			SWT	Z5					
08235		XA311	69											29YCA4	02			SWT	Z5					
08236		XA311	70			XA313	65			16B	9			29YSS7	01			SWT						
08237		XA311	71			XA313	71			16B	9			MDR29A	03			SWT	Z5					
08238		XA311	72			XA311	62			16B	9			MDA5BB	13			SWT	Z5					
08239		XA311	73			XA312	66			16B	9			29YC05	01			SWT					BIT 29 SQ DIODE 5	
08240		XA311	74											SPP	01			SWT	Z5					
08241		XA311	75			XA313	68			16B	9			MDA6BB	07			SWT	Z5					
08242		XA311	76			XA313	76			16B	9			MDWICB	23			SWT	Z5					
08243		XA311	77											29YCC6	02			SWT	Z5					
08244		XA311	78			XA307	60			16B	9			MDA7BB	08			SWT	Z5					
08245		XA311	79			XA312	80			16B	9			29YCI7	01			SWT					BIT 29 SI DIODE 7	
08246		XA311	80											29YCC7	02			SWT	Z5					
08247		XA312	01			XA312	17			16B	9			MCSD20	03			SWT	Z1					
08248		XA312	02											GND	01			SWT						
08249		XA312	03			XA313	07			16B	9			MDB2BB	13			SWT	Z1					
08250		XA312	04			XA314	04			16B	9			MDB3BB	11			SWT	Z1					
08251		XA312	05											SPP	01			SWT	Z1					
08252		XA312	06			XA217	72			16B	9			MDW20A	04			SWT	Z1					
08253		XA312	07			XA313	03			16B	9			MDB0BB	15			SWT	Z1					
08254		XA312	08			XA311	08			16B	9			MDRICB	27			SWT	Z1					
08255		XA312	09			XA311	15			16B	9			20YSS2	01			SWT	Z1					
08256		XA312	10			XA313	04			16B	9			MDB1BB	06			SWT	Z1					
08257		XA312	11											20YSS3	02			SWT	Z1					
08258		XA312	12											+5V	01			SWT						
08259		XA312	13											20YCA4	02			SWT	Z2					
08260		XA312	14			XA313	14			18D	2			+12VOLT	048			SWT						
08261		XA312	15			XA311	09			16B	9			20YSS0	01			SWT	Z1					
08262		XA312	16											GND	01			SWT						
08263		XA312	17			XA311	17			16B	9			MCSD20	04			SWT	Z2					
08264		XA312	18											20YCA5	02			SWT	Z2					
CONNECTOR (XA312) CONTINUED ON THE NEXT PAGE ****																								

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UNIT ASSEMBLY CARD CAGE WIRED, MCU CONNECTOR FILE IDENT T39AMCMU DATE 09-02-82 PAGE 258

RECORD NUMBER	FROM			3H FG	TO			3H FG	WIRE				SPECIMEN MISC	SIGNAL	SEQ NO	EQUATION	TERM	FACTOR	CKT OR CHIP TYPE	GRP	LOAD OR POWER PLANE	TEST POINTS		SIGNAL DESCRIPTION	ECO NO
	PREFIX	CONNECTOR	PIN		PREFIX	CONNECTOR	PIN		MULTI GROUP	CODE	COLOR	IDENT										LAND	DP		
08265		XA312	19			XA314	19			16B	9			MDA4BB	15				SWT	Z2					
08266		XA312	20			XA310	20			16B	9			MDA5BB	08				SWT	Z2					
08267		XA312	21											20YSS1	02				SWT	Z1					
08268		XA312	22			XA310	22			16B	9			MDA7BB	14				SWT	Z2					
08269		XA312	23			XA218	72			16B	9			MDR20A	04				SWT	Z2					
08270		XA312	24											20YCC7	02				SWT	Z2					
08271		XA312	25			XA313	25			16B	9			MDWICB	07				SWT	Z2					
08272		XA312	26											SPP	01				SWT	Z2					
08273		XA312	27			XA314	27			16B	9			MDA6BB	15				SWT	Z2					
08274		XA312	28											+5V	01				SWT						
08275		XA312	29											SPP	01				SWT					KEYWAY	
08276		XA312	30											SPP	01				SWT					KEYWAY	
08277		XA312	31											20YCC6	02				SWT	Z2					
08278		XA312	32											GND	01				SWT						
08279		XA312	33			XA311	50			16B	9			MCSD20	07				SWT	Z3					
08280		XA312	34			XA210	72			16B	9			MDB7BB	16				SWT	Z3					
08281		XA312	35			XA310	35			16B	9			MDB6BB	09				SWT	Z3					
08282		XA312	36			XA311	34			16B	9			MDB5BB	09				SWT	Z3					
08283		XA312	37			XA311	06			16B	9			MDW20A	02				SWT	Z3					
08284		XA312	38											SPP	01				SWT	Z3					
08285		XA312	39			XA313	39			16B	9			MDRICB	18				SWT	Z3					
08286		XA312	40			XA311	53			16B	9			20YSS7	01				SWT	Z3					
08287		XA312	41											SPP	01				SWT					KEYWAY	
08288		XA312	42											SPP	01				SWT					KEYWAY	
08289		XA312	43			XA314	43			16B	9			MDB4BB	12				SWT	Z3					
08290		XA312	44											GND	01				SWT						
08291		XA312	45											20YSS6	02				SWT	Z3					
08292		XA312	46											SPP	01				SWT						
08293		XA312	47			XA311	47			18D	2			+12VOLT	053				SWT						
08294		XA312	48											SPP	01				SWT						
08295		XA312	49											20YCA2	02				SWT	Z4					
08296		XA312	50											MCSD20	09				SWT	Z4					
08297		XA312	51											20YSS4	02				SWT	Z3					
08298		XA312	52											20YCA3	02				SWT	Z4					
08299		XA312	53			XA311	40			16B	9			20YSS5	01				SWT	Z3					
08300		XA312	54			XA310	54			16B	9			MDA2BB	08				SWT	Z4					
08301		XA312	55			XA311	55			16B	9			MDWICB	16				SWT	Z4					
08302		XA312	56			XA311	56			16B	9			MDR20A	01				SWT	Z4					
08303		XA312	57			XA310	57			16B	9			MDA0BB	14				SWT	Z4					
08304		XA312	58											GND	01				SWT						
08305		XA312	59											SPP	01				SWT	Z4					
08306		XA312	60			XA314	60			16B	9			MDA3BB	10				SWT	Z4					
08307		XA312	61											20YCC0	02				SWT	Z4					
08308		XA312	62			XA314	62			16B	9			MDA1BB	11				SWT	Z4					
08309		XA312	63			XA311	63			16B	9			MCSD29	03				SWT	Z5					
08310		XA312	64											20YCC1	02				SWT	Z4					
08311		XA312	65											29YSS4	02				SWT						
08312		XA312	66											29YC05	02				SWT	Z5					
08313		XA312	67											GND	01				SWT						
08314		XA312	68			XA314	75			16B	9			MDB6BB	14				SWT	Z5					

CONNECTOR (XA312) CONTINUED ON THE NEXT PAGE ****

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UNIT ASSEMBLY CARD CAGE WIRED, MCU CONNECTOR FILE IDENT T39AMCMU DATE 09-02-82 PAGE 259

RECORD NUMBER	FROM PREFIX	FROM CONNECTOR	FROM PIN	FROM SUFFIX	TO PREFIX	TO CONNECTOR	TO PIN	TO SUFFIX	WIRE MULTI GROUP	WIRE CODE	WIRE COLOR	WIRE GEN	SPECIAL PURPOSE	SIGNAL	SEQ NO	EQUATION	TERM FACTOR	CKT OR CHIP TYPE	GROUP	LOAD OR POWER PLANE	TEST POINTS AND/OR	SIGNAL DESCRIPTION	ECO NO
08315		XA312	69											29YC04	02			SWT	Z5				
08316		XA312	70											29YSS6	02			SWT					
08317		XA312	71			XA314	71			16B	9			MDW29A	03			SWT	Z5				
08318		XA312	72			XA312	36			16B	9			MDB5BB	08			SWT	Z5				
08319		XA312	73			XA312	69			16B	9			29YC04	01			SWT				BIT 29 SQ DIODE 4	
08320		XA312	74											SPP	01			SWT	Z5				
08321		XA312	75			XA417	35			16B	9			MDB6BB	17			SWT	Z5				
08322		XA312	76			XA310	76			16B	9			MDRICB	10			SWT	Z5				
08323		XA312	77											29YCI6	02			SWT	Z5				
08324		XA312	78			XA314	72			16B	9			MDB7BB	07			SWT	Z5				
08325		XA312	79			XA312	77			16B	9			29YCI6	01			SWT				BIT 29 SI DIODE 6	
08326		XA312	80											29YCI7	02			SWT	Z5				
08327		XA313	01											MCSD28	09			SWT	Z1				
08328		XA313	02											GND	01			SWT					
08329		XA313	03			XA314	07			16B	9			MDB0BB	16			SWT	Z1				
08330		XA313	04			XA314	10			16B	9			MDB1BB	07			SWT	Z1				
08331		XA313	05											SPP	01			SWT	Z1				
08332		XA313	06			XA314	06			16B	9			MDW28A	03			SWT	Z1				
08333		XA313	07			XA314	03			16B	9			MDB2BB	14			SWT	Z1				
08334		XA313	08			XA312	08			16B	9			MDRICB	26			SWT	Z1				
08335		XA313	09			XA314	15			16B	9			28YSS0	01			SWT	Z1				
08336		XA313	10			XA311	10			16B	9			MDB3BB	13			SWT	Z1				
08337		XA313	11											28YSS1	02			SWT	Z1				
08338		XA313	12											+5V	01			SWT					
08339		XA313	13											28YCA0	02			SWT	Z2				
08340		XA313	14			XA314	14			18D	2			+12VOLT	049			SWT					
08341		XA313	15			XA314	09			16B	9			28YSS2	01			SWT	Z1				
08342		XA313	16											GND	01			SWT					
08343		XA313	17			XA314	17			16B	9			MCSD28	06			SWT	Z2				
08344		XA313	18											28YCA1	02			SWT	Z2				
08345		XA313	19			XA314	57			16B	9			MDA0BB	12			SWT	Z2				
08346		XA313	20			XA311	20			16B	9			MDA1BB	13			SWT	Z2				
08347		XA313	21			XA314	11			16B	9			28YSS3	01			SWT	Z1				
08348		XA313	22			XA311	22			16B	9			MDA3BB	12			SWT	Z2				
08349		XA313	23			XA314	23			16B	9			MDR28A	03			SWT	Z2				
08350		XA313	24											28YCC3	02			SWT	Z2				
08351		XA313	25			XA314	25			16B	9			MDWICB	08			SWT	Z2				
08352		XA313	26											SPP	01			SWT	Z2				
08353		XA313	27			XA211	75			16B	9			MDA2BB	16			SWT	Z2				
08354		XA313	28											+5V	01			SWT					
08355		XA313	29											SPP	01			SWT				KEYWAY	
08356		XA313	30											SPP	01			SWT				KEYWAY	
08357		XA313	31											28YCC2	02			SWT	Z2				
08358		XA313	32											GND	01			SWT					
08359		XA313	33			XA313	17			16B	9			MCSD28	05			SWT	Z3				
08360		XA313	34			XA314	36			16B	9			MDB5BB	15			SWT	Z3				
08361		XA313	35			XA311	35			16B	9			MDB4BB	06			SWT	Z3				
08362		XA313	36			XA307	36			16B	9			MDB7BB	10			SWT	Z3				
CONNECTOR XA313) CONTINUED ON THE NEXT PAGE ****																							

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RECORD NUMBER	FROM PREFIX	FROM CONNECTOR	FROM PIN	FROM SH FG	TO PREFIX	TO CONNECTOR	TO PIN	TO SH FG	WIRE MULTI GROUP	WIRE CODE	WIRE COLOR	WIRE IDENT	SPC TEST MISC	SIGNAL	REF NO	EQUATION	TERM	FACTOR	CKT OR CHIP TYPE	GROUP	LOAD OR POWER PLANE	TEST POINTS AND/OR	SIGNAL DESCRIPTION	ECO NO
08363		XA313	37			XA314	37			16B	9			MDW28A	01				SWT	Z3				
08364		XA313	38											SPP	01				SWT	Z3				
08365		XA313	39			XA314	39			16B	9			MDRICB	19				SWT	Z3				
08366		XA313	40											28YSS5	02				SWT	Z3				
08367		XA313	41											SPP	01				SWT				KEYWAY	
08368		XA313	42											SPP	01				SWT				KEYWAY	
08369		XA313	43			XA314	68			16B	9			MDB6BB	15				SWT	Z3				
08370		XA313	44											GND	01				SWT					
08371		XA313	45											28YSS4	02				SWT	Z3				
08372		XA313	46											SPP	01				SWT					
08373		XA313	47			XA312	47			18D	2			+12VOLT	052				SWT					
08374		XA313	48											SPP	01				SWT					
08375		XA313	49											28YCA6	02				SWT	Z4				
08376		XA313	50			XA314	33			16B	9			MCSD28	03				SWT	Z4				
08377		XA313	51											28YSS6	02				SWT	Z3				
08378		XA313	52											28YCA7	02				SWT	Z4				
08379		XA313	53			XA314	40			16B	9			28YSS7	01				SWT	Z3				
08380		XA313	54			XA311	54			16B	9			MDA6BB	09				SWT	Z4				
08381		XA313	55			XA312	55			16B	9			MDWICB	15				SWT	Z4				
08382		XA313	56			XA313	23			16B	9			MDR28A	02				SWT	Z4				
08383		XA313	57			XA311	57			16B	9			MDA4BB	09				SWT	Z4				
08384		XA313	58											GND	01				SWT					
08385		XA313	59											SPP	01				SWT	Z4				
08386		XA313	60			XA314	22			16B	9			MDA7BB	12				SWT	Z4				
08387		XA313	61											28YCC4	02				SWT	Z4				
08388		XA313	62			XA313	78			16B	9			MDA5BB	15				SWT	Z4				
08389		XA313	63			XA312	63			16B	9			MCSD29	02				SWT	Z5				
08390		XA313	64											28YCC5	02				SWT	Z4				
08391		XA313	65											29YSS7	02				SWT					
08392		XA313	66											29YCA7	02				SWT	Z5				
08393		XA313	67											GND	01				SWT					
08394		XA313	68			XA313	54			16B	9			MDA6BB	08				SWT	Z5				
08395		XA313	69											29YCA6	02				SWT	Z5				
08396		XA313	70											29YSS5	02				SWT					
08397		XA313	71			XA318	21			16B	9			MDR29A	04				SWT	Z5				
08398		XA313	72			XA311	78			16B	9			MDA7BB	07				SWT	Z5				
08399		XA313	73			XA314	66			16B	9			29YC07	01				SWT				BIT 29 SQ DIODE 7	
08400		XA313	74											SPP	01				SWT	Z5				
08401		XA313	75			XA311	68			16B	9			MDA4BB	07				SWT	Z5				
08402		XA313	76			XA416	25			16B	9			MDWICB	24				SWT	Z5				
08403		XA313	77											29YCC4	02				SWT	Z5				
08404		XA313	78			XA417	20			16B	9			MDA5BB	16				SWT	Z5				
08405		XA313	79			XA314	80			16B	9			29YCI5	01				SWT				BIT 29 SI DIODE 5	
08406		XA313	80											29YCC5	02				SWT	Z5				
08407		XA314	01			XA313	01			16B	9			MCSD28	08				SWT	Z1				
08408		XA314	02											GND	01				SWT					
08409		XA314	03			XA212	75			16B	9			MDB2BB	15				SWT	Z1				
08410		XA314	04			XA313	10			16B	9			MDB3BB	12				SWT	Z1				
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RECORD NUMBER	FROM PREFIX	FROM CONNECTOR	FROM PIN	FROM SH FG	TO PREFIX	TO CONNECTOR	TO PIN	TO SH FG	WIRE MULTI GROUP	WIRE CODE	WIRE COLOR	WIRE IDENT	SPEC INST MISC	SIGNAL	SPEC NO	EQUATION	M TERM	FACTOR	CKT OR CHIP TYPE	GROUP	LOAD OR POWER PLANE	TEST POINTS ANC	TEST POINTS LOC	SIGNAL DESCRIPTION	ECO NO
08411		XA314	05											SPP	01				SWT	Z1					
08412		XA314	06			XA317	14			16B	9			MDW28A	04				SWT	Z1					
08413		XA314	07			XA214	75			16B	9			MDB0BB	17				SWT	Z1					
08414		XA314	08			XA313	08			16B	9			MDRICB	25				SWT	Z1					
08415		XA314	09											28YSS2	02				SWT	Z1					
08416		XA314	10			XA214	78			16B	9			MDB1BB	08				SWT	Z1					
08417		XA314	11											28YSS3	02				SWT	Z1					
08418		XA314	12											+5V	01				SWT						
08419		XA314	13											28YCA4	02				SWT	Z2					
08420		XA314	14			XA314	47			18D	2			+12VOLT	050				SWT						
08421		XA314	14										K	+12VOLT	122				SWT						
08422		XA314	15											28YSS0	02				SWT	Z1					
08423		XA314	16											GND	01				SWT						
08424		XA314	17			XA314	01			16B	9			MCSD28	07				SWT	Z2					
08425		XA314	18											28YCA5	02				SWT	Z2					
08426		XA314	19			XA209	75			16B	9			MDA4BB	16				SWT	Z2					
08427		XA314	20			XA312	20			16B	9			MDA5BB	07				SWT	Z2					
08428		XA314	21			XA313	11			16B	9			28YSS1	01				SWT	Z1					
08429		XA314	22			XA312	22			16B	9			MDA7BB	13				SWT	Z2					
08430		XA314	23			XA318	14			16B	9			MDR28A	04				SWT	Z2					
08431		XA314	24											28YCC7	02				SWT	Z2					
08432		XA314	25			XA316	30			16B	9			MDWICB	09				SWT	Z2					
08433		XA314	26											SPP	01				SWT	Z2					
08434		XA314	27			XA209	68			16B	9			MDA6BB	16				SWT	Z2					
08435		XA314	28											+5V	01				SWT						
08436		XA314	29											SPP	01				SWT					KEYWAY	
08437		XA314	30											SPP	01				SWT					KEYWAY	
08438		XA314	31											28YCC6	02				SWT	Z2					
08439		XA314	32											GND	01				SWT						
08440		XA314	33			XA313	33			16B	9			MCSD28	04				SWT	Z3					
08441		XA314	34			XA313	36			16B	9			MDB7BB	09				SWT	Z3					
08442		XA314	35			XA312	35			16B	9			MDB6BB	08				SWT	Z3					
08443		XA314	36			XA210	78			16B	9			MDB5BB	16				SWT	Z3					
08444		XA314	37			XA313	06			16B	9			MDW28A	02				SWT	Z3					
08445		XA314	38											SPP	01				SWT	Z3					
08446		XA314	39			XA315	39			16B	9			MDRICB	20				SWT	Z3					
08447		XA314	40											28YSS7	02				SWT	Z3					
08448		XA314	41											SPP	01				SWT					KEYWAY	
08449		XA314	42											SPP	01				SWT					KEYWAY	
08450		XA314	43			XA312	68			16B	9			MDB4BB	13				SWT	Z3					
08451		XA314	44											GND	01				SWT						
08452		XA314	45			XA313	51			16B	9			28YSS6	01				SWT	Z3					
08453		XA314	46											SPP	01				SWT						
08454		XA314	47			XA313	47			18D	2			+12VOLT	051				SWT						
08455		XA314	47			XA414	14			18D	2			+12VOLT	127				SWT						
08456		XA314	48											SPP	01				SWT						
08457		XA314	49											28YCA2	02				SWT	Z4					
08458		XA314	50			XA313	50			16B	9			MCSD28	02				SWT	Z4					
08459		XA314	51			XA313	45			16B	9			28YSS4	01				SWT	Z3					
08460		XA314	52											28YCA3	02				SWT	Z4					

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RECORD NUMBER	FROM PREFIX	FROM CONNECTOR	FROM PIN	FROM SH FG	TO PREFIX	TO CONNECTOR	TO PIN	TO SH FG	WIRE MULT GROUP	WIRE CODE	WIRE COLOR	WIRE IDENT	SPEC INST MISC	SIGNAL	SEQ NO	EQUATION	TERM	FACTOR	CKT OR CHIP TYPE	GROUP	LOAD OF POWER PLANE	TEST POINTS AND JP	SIGNAL DESCRIPTION	ECO NO
08461		XA314	53			XA313	40			16B	9			28YSS5	01				SWT	Z3				
08462		XA314	54			XA312	54			16B	9			MDA28B	07				SWT	Z4				
08463		XA314	55			XA313	55			16B	9			MDWICB	14				SWT	Z4				
08464		XA314	56			XA313	56			16B	9			MDR2BA	01				SWT	Z4				
08465		XA314	57			XA312	57			16B	9			MDA0BB	13				SWT	Z4				
08466		XA314	58											GND	01				SWT					
08467		XA314	59											SPP	01				SWT	Z4				
08468		XA314	60			XA313	22			16B	9			MDA3BB	11				SWT	Z4				
08469		XA314	61											28YCC0	02				SWT	Z4				
08470		XA314	62			XA313	20			16B	9			MDA1BB	12				SWT	Z4				
08471		XA314	63			XA313	63			16B	9			MCSD29	01				SWT	Z5			BIT 29 VOLT SOURCE	
08472		XA314	64											28YCC1	02				SWT	Z4				
08473		XA314	65			XA312	70			16B	9			29YSS6	01				SWT					
08474		XA314	66											29YC07	02				SWT	Z5				
08475		XA314	67											GND	01				SWT					
08476		XA314	68			XA312	75			16B	9			MDB6BB	16				SWT	Z5				
08477		XA314	69			XA314	73			16B	9			29YC06	01				SWT	Z5			BIT 29 SQ DIODE 6	
08478		XA314	70			XA312	65			16B	9			29YSS4	01				SWT					
08479		XA314	71			XA317	21			16B	9			MDW29A	04				SWT	Z5				
08480		XA314	72			XA314	34			16B	9			MDB7BB	08				SWT	Z5				
08481		XA314	73											29YC06	02				SWT					
08482		XA314	74											SPP	01				SWT	Z5				
08483		XA314	75			XA416	35			16B	9			MDB4BB	15				SWT	Z5				
08484		XA314	76			XA312	76			16B	9			MDRICB	09				SWT	Z5				
08485		XA314	77			XA314	79			16B	9			29YCI4	01				SWT	Z5			BIT 29 SI DIODE 4	
08486		XA314	78			XA312	72			16B	9			MDB5BB	07				SWT	Z5				
08487		XA314	79											29YCI4	02				SWT					
08488		XA314	80											29YCI5	02				SWT	Z5				
20475		XA315	01			XA119	76			16B	9		P	MURAXA	04	MDRIAB	02	1	TQ2	A2		02B		
22740		XA315	01										J	MURAXA	01	MURAXA	00	1	TQ2	A2		02B	MDRIAB BUSS	
08489		XA315	02											GND	01				TQ2			01A		
22743		XA315	03			XA315	04			16B	9			MUREAB	19	MURAYA	01	1	TQ2	A3		02A		
22741		XA315	04			XA315	08			16B	9			MUREAB	20	MURAXA	01	1	TQ2	A2		04A		
22742		XA315	05			XA315	07			16B	9			MUITBB	02	MURAXA	01	2	TQ2	A2		03B		
20476		XA315	06			XA315	01			16B	9		P	MURAWA	03	MDRIAB	01	1	TQ2	A1		05A	BIT SWT SINK TMNG	
22737		XA315	06										J	MURAWA	01	MURAWA	00	1	TQ2	A1		05A	MDRIAB BUSS	
22744		XA315	07			XA315	13			16B	9			MUITBB	03	MURAYA	01	2	TQ2	A3		03A		
22738		XA315	08											MUREAB	21	MURAWA	01	1	TQ2	A1		06A		
20477		XA315	09			XA315	06			16B	9		P	MURAYA	02	MDRIAB	03	1	TQ2	A3		04B		
22745		XA315	09										J	MURAYA	01	MURAYA	00	1	TQ2	A3		04B	MDRIAB BUSS	
22739		XA315	10			XA315	05			16B	9			MUITBB	01	MURAWA	01	2	TQ2	A1		07A		
22746		XA315	11			XA315	03			16B	9			MUREAB	18	MURAZA	01	1	TQ2	A4		05B		
08490		XA315	12											+5V	01				TQ2					
22747		XA315	13			XA315	19			16B	9			MUITBB	04	MURAZA	01	2	TQ2	A4		06B		
20479		XA315	14			XA208	76			16B	9		P	MURBXA	04	MDRIBB	02	1	TQ2	B2		09A		
22763		XA315	14										J	MURBXA	01	MURBXA	00	1	TQ2	B2		09A	MDRIBB BUSS	
20478		XA315	15			XA315	09			16B	9		P	MURAZA	01	MDRIAB	04	1	TQ2	A4		07B		
22748		XA315	15										J	MURAZA	01	MURAZA	00	1	TQ2	A4		07B	MDRIAB BUSS	

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DRAWING NUMBER 149304-880 UNIT ASSEMBLY NO. 149304 REV G INDEX XA315

UNIT ASSEMBLY CARD CAGE WIRED, MCU CONNECTOR FILE IDENT T39AMCMU DATE 09-02-82 PAGE 263

RECORD NUMBER	FROM PREFIX	FROM CONNECTOR	FROM PIN	FROM SHIELD	TO PREFIX	TO CONNECTOR	TO PIN	TO SHIELD	WIRE MULTI GROUP	WIRE CODE	WIRE COLOR	WIRE IDENT	SPECIAL MARK	SIGNAL	SEG NO	EQUATION	TERM	FACTOR	CKT OR CHIP TYPE	GRID	LOAD OR POWER PLANE	TEST POINTS AND/OR	SIGNAL DESCRIPTION	ECO NO
08491		XA315	16											GND	01				TQ2			01B		
22766		XA315	17			XA315	18			16B	9			MUREAB	16	MURBYA	01	1	TQ2	B3		08B		
22764		XA315	18			XA315	11			16B	9			MUREAB	17	MURBXA	01	1	TQ2	B2		10A		
22767		XA315	19			XA315	20			16B	9			MUITBB	05	MURBYA	01	2	TQ2	B3		09B		
22765		XA315	20			XA315	26			16B	9			MUITBB	06	MURBXA	01	2	TQ2	B2		11A		
20480		XA315	21			XA315	22			16B	9		P	MURBYA	02	MDRIBB	03	1	TQ2	B3		10B		
22768		XA315	21										J	MURBYA	01	MURBYA	00	1	TQ2	B3		10B	MDRIBB BUSS	
20481		XA315	22			XA315	14			16B	9		P	MURBWA	03	MDRIBB	01	1	TQ2	B1		12A	BIT SWT SINK TMNG	
22760		XA315	22										J	MURBWA	01	MURBWA	00	1	TQ2	B1		12A	MDRIBB BUSS	
22769		XA315	23			XA315	17			16B	9			MUREAB	15	MURBZA	01	1	TQ2	B4		11B		
22761		XA315	24			XA315	23			16B	9			MUREAB	14	MURBWA	01	1	TQ2	B1		13A		
22770		XA315	25			XA315	31			16B	9			MUITBB	08	MURBZA	01	2	TQ2	B4		12B		
22762		XA315	26			XA315	25			16B	9			MUITBB	07	MURBWA	01	2	TQ2	B1		14A		
20482		XA315	27			XA315	21			16B	9		P	MURBZA	01	MDRIBB	04	1	TQ2	B4		13B		
22771		XA315	27										J	MURBZA	01	MURBZA	00	1	TQ2	B4		13B	MDRIBB BUSS	
08492		XA315	28											+5V	01				TQ2					
22778		XA315	29											MUREBB	17	MURCYA	01	1	TQ2	C3		14B		
20483		XA315	30			XA315	33			16B	9		P	MURCXA	23	MDRICB	02	1	TQ2	C2		15A		
22775		XA315	30										J	MURCXA	01	MURCXA	00	1	TQ2	C2		15A	MDRICB BUSS	
22779		XA315	31			XA315	42			16B	9			MUITBB	09	MURCYA	01	2	TQ2	C3		15B		
08493		XA315	32											GND	01				TQ2			20B		
20484		XA315	33			XA314	08			16B	9		P	MURCYA	24	MDRICB	03	1	TQ2	C3		16B		
22780		XA315	33										J	MURCYA	01	MURCYA	00	1	TQ2	C3		16B	MDRICB BUSS	
22776		XA315	34			XA315	35			16B	9			MUREBB	15	MURCXA	01	1	TQ2	C2		16A		
22781		XA315	35			XA315	29			16B	9			MUREBB	16	MURCZA	01	1	TQ2	C4		17B		
22777		XA315	36			XA315	37			16B	9			MUITBB	11	MURCXA	01	2	TQ2	C2		17A		
22782		XA315	37			XA315	43			16B	9			MUITBB	12	MURCZA	01	2	TQ2	C4		18B		
20485		XA315	38			XA315	30			16B	9		P	MURCWA	22	MDRICB	01	1	TQ2	C1		18A	BIT SWT SINK TMNG	
22772		XA315	38										J	MURCWA	01	MURCWA	00	1	TQ2	C1		18A	MDRICB BUSS	
20486		XA315	39			XA315	38			16B	9		P	MURCZA	21	MDRICB	04	1	TQ2	C4		19B		
22783		XA315	39										J	MURCZA	01	MURCZA	00	1	TQ2	C4		19B	MDRICB BUSS	
22773		XA315	40			XA315	34			16B	9			MUREBB	14	MURCWA	01	1	TQ2	C1		19A		
22797		XA315	41			XA315	48			16B	9			MURECB	04	MURDYA	01	1	TQ2	D3		22B		
22774		XA315	42			XA315	36			16B	9			MUITBB	10	MURCWA	01	2	TQ2	C1		20A		
22798		XA315	43			XA315	49			16B	9			MUITBB	13	MURDYA	01	2	TQ2	D3		23B		
08494		XA315	44											GND	01				TQ2			21B		
20487		XA315	45			XA315	51			16B	9		P	MURDYA	03	MDRIDB	03	1	TQ2	D3		24B		
22799		XA315	45										J	MURDYA	01	MURDYA	00	1	TQ2	D3		24B	MDRIDB BUSS	
20488		XA315	46			XA315	45			16B	9		P	MURDXA	02	MDRIDB	02	1	TQ2	D2		21A		
22794		XA315	46										J	MURDXA	01	MURDXA	00	1	TQ2	D2		21A	MDRIDB BUSS	
22800		XA315	47			XA315	53			16B	9			MURECB	06	MURDZA	01	1	TQ2	D4		25B		
22795		XA315	48			XA315	47			16B	9			MURECB	05	MURDXA	01	1	TQ2	D2		22A		
22801		XA315	49			XA315	50			16B	9			MUITBB	14	MURDZA	01	2	TQ2	D4		26B		
22796		XA315	50			XA315	56			16B	9			MUITBB	15	MURDXA	01	2	TQ2	D2		23A		
20489		XA315	51			XA315	52			16B	9		P	MURDZA	04	MDRIDB	04	1	TQ2	D4		27B		
22802		XA315	51										J	MURDZA	01	MURDZA	00	1	TQ2	D4		27B	MDRIDB BUSS	
20490		XA315	52			XA415	08			16B	9		P	MURDWA	05	MDRIDB	01	1	TQ2	D1		24A	BIT SWT SINK TMNG	
22791		XA315	52										J	MURDWA	01	MURDWA	00	1	TQ2	D1		24A	MDRIDB BUSS	
22818		XA315	53			XA315	54			16B	9			MURECB	07	MUREYA	01	1	TQ2	E3		28B		
22792		XA315	54			XA320	52			16B	9			MURECB	08	MURDWA	01	1	TQ2	D1		25A		

CONNECTOR XA315 CONTINUED ON THE NEXT PAGE ****

Litton DATA SYSTEMS

DRAWING NUMBER 149304-880 UNIT ASSEMBLY NO. 149304 REV G INDEX XA315

UNIT ASSEMBLY CARD CAGE WIRED, MCU CONNECTOR FILE IDENT T39AMCMU DATE 09-02-82 PAGE 264

RECORD NUMBER	FROM PREFIX	FROM CONNECTOR	FROM PIN	FROM SH FG	TO PREFIX	TO CONNECTOR	TO PIN	TO SH FG	WIRE MULTI GROUP	WIRE CODE	WIRE COLOR	WIRE IDENT	SEC TEST MISC	SIGNAL	SEC NO	EQUATION	TERM	FACTOR	CKT OR CHIP TYPE	GROUP	QUAD CP POWER PLANE	TEST POINTS ANC	TEST POINTS OR	SIGNAL DESCRIPTION	ECO NO
22819		XA315	55			XA315	61			16B	9			MUITBB	17	MUREYA	01	2	TQ2	E3		29B			
22793		XA315	56			XA315	55			16B	9			MUITBB	16	MURDWA	01	2	TQ2	D1		26A			
20491		XA315	57			XA315	60			16B	9		P	MUREYA	27	MDRIEB	03	1	TQ2	E3		30B			
22820		XA315	57										J	MUREYA	01	MUREYA	00	1	TQ2	E3		30B		MDRIEB BUSS	
08495		XA315	58											GND	01				TQ2			27A			
22821		XA315	59			XA315	41			16B	9			MURECB	03	MUREZA	01	1	TQ2	E4		31B			
20492		XA315	60										P	MUREXA	28	MDRIEB	02	1	TQ2	E2		28A			
22815		XA315	60										J	MUREXA	01	MUREXA	00	1	TQ2	E2		28A		MDRIEB BUSS	
22822		XA315	61			XA315	64			16B	9			MUITBB	18	MUREZA	01	2	TQ2	E4		32B			
22816		XA315	62			XA315	59			16B	9			MURECB	02	MUREXA	01	1	TQ2	E2		29A			
20493		XA315	63			XA315	57			16B	9		P	MUREZA	26	MDRIEB	04	1	TQ2	E4		33B			
22823		XA315	63										J	MUREZA	01	MUREZA	00	1	TQ2	E4		33B		MDRIEB BUSS	
22817		XA315	64			XA315	70			16B	9			MUITBB	19	MUREXA	01	2	TQ2	E2		30A			
08496		XA315	65											SPI012	33		01	1	TQ2	F3		34B			
20494		XA315	66			XA315	63			16B	9		P	MUREWA	25	MDRIEB	01	1	TQ2	E1		31A		BIT SWT SINK TMNG	
22812		XA315	66										J	MUREWA	01	MUREWA	00	1	TQ2	E1		31A		MDRIEB BUSS	
08497		XA315	67											GND	01				TQ2			40A			
22813		XA315	68			XA315	62			16B	9			MURECB	01	MUREWA	01	1	TQ2	E1		32A			
08498		XA315	69											SPO	01		00	1	TQ2	F3		35A			
22814		XA315	70			XA240	73			16B	9			MUITBB	20	MUREWA	01	2	TQ2	E1		33A			
23519		XA315	71			XA342	66			16B	9			PWLPTB4	01	PWLMPA	01	1	TQ2	F2		36A			
23520		XA315	72			XA327	41			16B	9			PWLMPA	01	PWLMPA	00	1	TQ2	F2		34A		MUITAB BUSS	
23521		XA315	73			XA315	79			16B	9			SPI015	14	PWLMPA	01	2	TQ2	F2		36B			
08499		XA315	74			XA315	78			16B	9			SPI013	02		01	2	TQ2	F3		35B			
08500		XA315	75											SPO	01		00	1	TQ2	F1		37B		MUITAB BUSS	
08501		XA315	76			XA315	65			16B	9			SPI012	32		01	1	TQ2	F4		37A			
08502		XA315	77			XA316	77			16B	9			SPI013	19		01	1	TQ2	F1		38B			
08503		XA315	78			XA316	76			16B	9			SPI013	03		01	2	TQ2	F4		38A			
08504		XA315	79			XA316	79			16B	9			SPI015	15		01	2	TQ2	F1		39B			
08505		XA315	80											SPO	01		00	1	TQ2	F4		39A			
20605		XA316	01			XA316	06			16B	9		P	MUWAXA	03	MDWIAB	02	1	TQ2	A2		02B			
22949		XA316	01										J	MUWAXA	01	MUWAXA	00	1	TQ2	A2		02B		MDWIAB BUSS	
08506		XA316	02											GND	01				TQ2			01A			
22952		XA316	03			XA316	23			16B	9			MUWEAB	03	MUWAYA	01	1	TQ2	A3		02A			
22950		XA316	04			XA217	42			16B	9			MUWEAB	10	MUWAXA	01	1	TQ2	A2		04A			
22951		XA316	05			XA316	10			16B	9			MUITAB	21	MUWAXA	01	2	TQ2	A2		03B			
20606		XA316	06			XA118	76			16B	9		P	MUWAWA	04	MDWIAB	01	1	TQ2	A1		05A		BIT SWT SINK TMNG	
22946		XA316	06										J	MUWAWA	01	MUWAWA	00	1	TQ2	A1		05A		MDWIAB BUSS	
22953		XA316	07			XA316	05			16B	9			MUITAB	20	MUWAYA	01	2	TQ2	A3		03A			
22947		XA316	08			XA316	04			16B	9			MUWEAB	09	MUWAWA	01	1	TQ2	A1		06A			
20607		XA316	09			XA316	01			16B	9		P	MUWAYA	02	MDWIAB	03	1	TQ2	A3		04B			
22954		XA316	09										J	MUWAYA	01	MUWAYA	00	1	TQ2	A3		04B		MDWIAB BUSS	
22948		XA316	10											MUITAB	22	MUWAWA	01	2	TQ2	A1		07A			
22955		XA316	11			XA316	08			16B	9			MUWEAB	08	MUWAZA	01	1	TQ2	A4		05B			
08507		XA316	12											+5V	01				TQ2						
22956		XA316	13			XA316	07			16B	9			MUITAB	19	MUWAZA	01	2	TQ2	A4		06B			
20609		XA316	14			XA213	76			16B	9		P	MUWBXA	04	MDWIBB	02	1	TQ2	B2		09A			
22972		XA316	14										J	MUWBXA	01	MUWBXA	00	1	TQ2	B2		09A		MDWIBB BUSS	
CONNECTOR XA316) CONTINUED ON THE NEXT PAGE ****																									

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DRAWING NUMBER 149304-880 UNIT ASSEMBLY NO. 149304 REV G INDEX XA316

UNIT ASSEMBLY CARD CAGE WIRED, MCU CONNECTOR FILE IDENT T39AMCMU DATE 09-02-82 PAGE 265

RECORD NUMBER	FROM PREFIX	FROM CONNECTOR	FROM PIN	FROM SH FG	TO PREFIX	TO CONNECTOR	TO PIN	TO SH FG	WIRE MULTI GROUP	WIRE CODE	WIRE COLOR	WIRE IDENT	SPEC INST MISC	SIGNAL	SPEC NO	EQUATION	TERM TYPE	TERM LOCATION	CKT OR CHIP TYPE	GROUP	LOAD OR POWER PLANE	TEST POINTS AND	TEST POINTS OR	SIGNAL DESCRIPTION	ECO NO
20608		XA316	15			XA316	09			16B	9		P	MUWAZA	01	MDWIAB	04	1	TQ2	A4		07B			
22957		XA316	15										J	MUWAZA	01	MUWAZA	00	1	TQ2	A4		07B		MDWIAB BUSS	
08508		XA316	16											GND	01				TQ2			01B			
22975		XA316	17			XA316	11			16B	9			MUWEAB	07	MUWBYA	01	1	TQ2	B3		08B			
22973		XA316	18			XA316	17			16B	9			MUWEAB	06	MUWBXA	01	1	TQ2	B2		10A			
22976		XA316	19			XA316	13			16B	9			MUITAB	18	MUWBYA	01	2	TQ2	B3		09B			
22974		XA316	20			XA316	19			16B	9			MUITAB	17	MUWBXA	01	2	TQ2	B2		11A			
20610		XA316	21			XA316	22			16B	9		P	MUWBYA	02	MDWIBB	03	1	TQ2	B3		10B			
22977		XA316	21										J	MUWBYA	01	MUWBYA	00	1	TQ2	B3		10B		MDWIBB BUSS	
20611		XA316	22			XA316	14			16B	9		P	MUWBWA	03	MDWIBB	01	1	TQ2	B1		12A		BIT SWI SINK TMNG	
22969		XA316	22										J	MUWBWA	01	MUWBWA	00	1	TQ2	B1		12A		MDWIBB BUSS	
22978		XA316	23			XA316	24			16B	9			MUWEAB	04	MUWBZA	01	1	TQ2	B4		11B			
22970		XA316	24			XA316	18			16B	9			MUWEAB	05	MUWBWA	01	1	TQ2	B1		13A			
22979		XA316	25			XA316	26			16B	9			MUITAB	15	MUWBZA	01	2	TQ2	B4		12B			
22971		XA316	26			XA316	20			16B	9			MUITAB	16	MUWBWA	01	2	TQ2	B1		14A			
20612		XA316	27			XA316	21			16B	9		P	MUWBZA	01	MDWIBB	04	1	TQ2	B4		13B			
22980		XA316	27										J	MUWBZA	01	MUWBZA	00	1	TQ2	B4		13B		MDWIBB BUSS	
08509		XA316	28											+5V	01				TQ2						
22987		XA316	29			XA316	35			16B	9			MUWEBB	01	MUWCYA	01	1	TQ2	C3		14B			
20613		XA316	30			XA316	33			16B	9		P	MUWCXA	10	MDWICB	02	1	TQ2	C2		15A			
22984		XA316	30										J	MUWCXA	01	MUWCXA	00	1	TQ2	C2		15A		MDWICB BUSS	
22988		XA316	31			XA316	25			16B	9			MUITAB	14	MUWCYA	01	2	TQ2	C3		15B			
08510		XA316	32											GND	01				TQ2			20B			
20614		XA316	33			XA316	38			16B	9		P	MUWCYA	11	MDWICB	03	1	TQ2	C3		16B			
22989		XA316	33										J	MUWCYA	01	MUWCYA	00	1	TQ2	C3		16B		MDWICB BUSS	
22985		XA316	34			XA323	15			16B	9			MUWEBB	04	MUWCXA	01	1	TQ2	C2		16A			
22990		XA316	35			XA316	40			16B	9			MUWEBB	02	MUWCZA	01	1	TQ2	C4		17B			
22986		XA316	36			XA316	37			16B	9			MUITAB	12	MUWCXA	01	2	TQ2	C2		17A			
22991		XA316	37			XA316	31			16B	9			MUITAB	13	MUWCZA	01	2	TQ2	C4		18B			
20615		XA316	38			XA316	39			16B	9		P	MUWCWA	12	MDWICB	01	1	TQ2	C1		18A		BIT SWI SINK TMNG	
22981		XA316	38										J	MUWCWA	01	MUWCWA	00	1	TQ2	C1		18A		MDWICB BUSS	
20616		XA316	39			XA314	55			16B	9		P	MUWCZA	13	MDWICB	04	1	TQ2	C4		19B			
22992		XA316	39										J	MUWCZA	01	MUWCZA	00	1	TQ2	C4		19B		MDWICB BUSS	
22982		XA316	40			XA316	34			16B	9			MUWEBB	03	MUWCWA	01	1	TQ2	C1		19A			
23003		XA316	41			XA316	47			16B	9			MUWECB	14	MUWDYA	01	1	TQ2	D3		22B			
22983		XA316	42			XA316	36			16B	9			MUITAB	11	MUWCWA	01	2	TQ2	C1		20A			
23004		XA316	43			XA316	42			16B	9			MUITAB	10	MUWDYA	01	2	TQ2	D3		23B			
08511		XA316	44											GND	01				TQ2			21B			
20617		XA316	45										P	MUWDYA	32	MDWIDB	03	1	TQ2	D3		24B			
23005		XA316	45										J	MUWDYA	01	MUWDYA	00	1	TQ2	D3		24B		MDWIDB BUSS	
20618		XA316	46			XA316	45			16B	9		P	MUWDXA	31	MDWIDB	02	1	TQ2	D2		21A			
23000		XA316	46										J	MUWDXA	01	MUWDXA	00	1	TQ2	D2		21A		MDWIDB BUSS	
23006		XA316	47			XA316	48			16B	9			MUWECB	15	MUWDZA	01	1	TQ2	D4		25B			
23001		XA316	48			XA316	54			16B	9			MUWECB	16	MUWDXA	01	1	TQ2	D2		22A			
23007		XA316	49			XA316	43			16B	9			MUITAB	09	MUWDZA	01	2	TQ2	D4		26B			
23002		XA316	50			XA316	49			16B	9			MUITAB	08	MUWDXA	01	2	TQ2	D2		23A			
20619		XA316	51			XA316	52			16B	9		P	MUWDZA	29	MDWIDB	04	1	TQ2	D4		27B			
23008		XA316	51										J	MUWDZA	01	MUWDZA	00	1	TQ2	D4		27B		MDWIDB BUSS	
20620		XA316	52			XA316	46			16B	9		P	MUWDWA	30	MDWIDB	01	1	TQ2	D1		24A		BIT SWT SINK TMNG	
22997		XA316	52										J	MUWDWA	01	MUWDWA	00	1	TQ2	D1		24A		MDWIDB BUSS	

CONNECTOR XA316) CONTINUED ON THE NEXT PAGE ****

RECORD NUMBER	FROM PREFIX	FROM CONNECTOR	FROM PIN	FROM SH FG	TO PREFIX	TO CONNECTOR	TO PIN	TO SH FG	WIRE MULT GROUP	WIRE CODE	WIRE COLOR	WIRE IDENT	SPEC INST MISC	SIGNAL	SEQ NO	EQUATION	TERM	FACTOR	CKT OR CHIP TYPE	SHEET	LOAD OR POWER PLANE	TEST POINTS AND/OR	SIGNAL DESCRIPTION	ECO NO
23024		XA316	53			XA316	59			16B	9			MUWECB	18	MUWEYA	01	1	TQ2	E3		28B		
22998		XA316	54			XA316	53			16B	9			MUWECB	17	MUWDWA	01	1	TQ2	D1		25A		
23025		XA316	55			XA316	56			16B	9			MUITAB	06	MUWEYA	01	2	TQ2	E3		29B		
22999		XA316	56			XA316	50			16B	9			MUITAB	07	MUWDWA	01	2	TQ2	D1		26A		
20621		XA316	57			XA316	60			16B	9		P	MUWEYA	27	MDWIEB	03	1	TQ2	E3		30B		
23026		XA316	57										J	MUWEYA	01	MUWEYA	00	1	TQ2	E3		30B	MDWIEB BUSS	
08512		XA316	58											GND	01				TQ2			27A		
23027		XA316	59			XA316	62			16B	9			MUWECB	19	MUWEZA	01	1	TQ2	E4		31B		
20622		XA316	60										P	MUWEXA	28	MDWIEB	02	1	TQ2	E2		28A		
23021		XA316	60										J	MUWEXA	01	MUWEXA	00	1	TQ2	E2		28A	MDWIEB BUSS	
23028		XA316	61			XA316	55			16B	9			MUITAB	05	MUWEZA	01	2	TQ2	E4		32B		
23022		XA316	62			XA316	68			16B	9			MUWECB	20	MUWEXA	01	1	TQ2	E2		29A		
20623		XA316	63			XA316	57			16B	9		P	MUWEZA	26	MDWIEB	04	1	TQ2	E4		33B		
23029		XA316	63										J	MUWEZA	01	MUWEZA	00	1	TQ2	E4		33B	MDWIEB BUSS	
23023		XA316	64			XA316	61			16B	9			MUITAB	04	MUWEXA	01	2	TQ2	E2		30A		
08513		XA316	65			XA315	74			16B	9			SPI013	01		01	1	TQ2	F3		34B		
20624		XA316	66			XA316	63			16B	9		P	MUWEWA	25	MDWIEB	01	1	TQ2	E1		31A	BIT SWT SINK TMNG	
23018		XA316	66										J	MUWEWA	01	MUWEWA	00	1	TQ2	E1		31A	MDWIEB BUSS	
08514		XA316	67											GND	01				TQ2			40A		
23019		XA316	68											MUWECB	21	MUWEWA	01	1	TQ2	E1		32A		
08515		XA316	69											SPO	01		00	1	TQ2	F3		35A		
23020		XA316	70			XA316	64			16B	9			MUITAB	03	MUWEWA	01	2	TQ2	E1		33A		
08516		XA316	71			XA320	05			16B	9			SPI013	201		01	1	TQ2	F2		36A		
08517		XA316	72											SPO	01		00	1	TQ2	F2		34A	MUITBB BUSS	
08518		XA316	73			XA320	49			16B	9			SPI015	17		01	2	TQ2	F2		36B		
08519		XA316	74			XA315	76			16B	9			SPI012	31		01	2	TQ2	F3		35B		
08520		XA316	75											SPO	01		00	1	TQ2	F1		37B	MUITBB BUSS	
08521		XA316	76			XA319	79			16B	9			SPI013	04		01	1	TQ2	F4		37A		
08522		XA316	77			XA316	71			16B	9			SPI013	20		01	1	TQ2	F1		38B		
08523		XA316	78			XA316	74			16B	9			SPI012	30		01	2	TQ2	F4		38A		
08524		XA316	79			XA316	73			16B	9			SPI015	16		01	2	TQ2	F1		39B		
08525		XA316	80											SPO	01		00	1	TQ2	F4		39A		
20700		XA317	01											MDW24A	05	MDW24A	00	1	TQ2	A2		02B	BIT 24 SWT TMNG	
08526		XA317	02											GND	01				TQ2			01A		
20703		XA317	03											MUT250	03	MDW25A	01	1	TQ2	A3		02A		
20701		XA317	04			XA318	05			16B	9			MUT240	01	MDW24A	01	1	TQ2	A2		04A		
20702		XA317	05			XA317	10			16B	9			MUWECB	09	MDW24A	01	2	TQ2	A2		03B		
20697		XA317	06											MDW23A	05	MDW23A	00	1	TQ2	A1		05A	BIT 23 SWT TMNG	
20704		XA317	07			XA317	05			16B	9			MUWECB	08	MDW25A	01	2	TQ2	A3		03A		
20698		XA317	08											MUT230	03	MDW23A	01	1	TQ2	A1		06A		
20705		XA317	09			XA212	71			16B	9			MDW25A	01	MDW25A	00	1	TQ2	A3		04B	BIT 25 SWT TMNG	
20699		XA317	10			XA317	26			16B	9			MUWECB	10	MDW23A	01	2	TQ2	A1		07A		
20706		XA317	11			XA318	13			16B	9			MUT260	01	MDW26A	01	1	TQ2	A4		05B		
08527		XA317	12											+5V	01				TQ2					
20707		XA317	13			XA317	07			16B	9			MUWECB	07	MDW26A	01	2	TQ2	A4		06B		
20712		XA317	14											MDW28A	05	MDW28A	00	1	TQ2	B2		09A	BIT 28 SWT TMNG	
20708		XA317	15											MDW26A	05	MDW26A	00	1	TQ2	A4		07B	BIT 26 SWT TMNG	
08528		XA317	16											GND	01				TQ2			01B		
CONNECTOR		XA317	) CONTINUED ON THE NEXT PAGE ****																					

RECORD NUMBER	FROM PREFIX	FROM CONNECTOR	FROM PIN	FROM SHLD	TO PREFIX	TO CONNECTOR	TO PIN	TO SHLD	WIRE MULTI GROUP	WIRE CODE	WIRE COLOR	WIRE IDENT	SPECIFIC	SIGNAL	SEQ NO	EQUATION	TERMS	FACTOR	CKT OR CHIP TYPE	GROUP	LOAD OR POWER PLANE	TEST POINTS ANGLE	TEST POINTS ON	SIGNAL DESCRIPTION	ECO NO
20715		XA317	17											MUT290	03	MDW29A	01	1	TQ2	B3		08	B		
20713		XA317	18			XA318	20			16B	9			MUT280	01	MDW28A	01	1	TQ2	B2		10	A		
20716		XA317	19			XA317	13			16B	9			MUWECB	06	MDW29A	01	2	TQ2	B3		09	B		
20714		XA317	20			XA317	19			16B	9			MUWECB	05	MDW28A	01	2	TQ2	B2		11	A		
20717		XA317	21											MDW29A	05	MDW29A	00	1	TQ2	B3		10	B	BIT 29 SWT TMNG	
20709		XA317	22											MDW27A	05	MDW27A	00	1	TQ2	B1		12	A	BIT 27 SWT TMNG	
20718		XA317	23			XA318	25			16B	9			MUT300	01	MDW30A	01	1	TQ2	B4		11	B		
20710		XA317	24											MUT270	03	MDW27A	01	1	TQ2	B1		13	A		
20719		XA317	25			XA317	42			16B	9			MUWECB	12	MDW30A	01	2	TQ2	B4		12	B		
20711		XA317	26			XA317	25			16B	9			MUWECB	11	MDW27A	01	2	TQ2	B1		14	A		
20720		XA317	27											MDW30A	05	MDW30A	00	1	TQ2	B4		13	B	BIT 30 SWT TMNG	
08529		XA317	28											+5V	01				TQ2						
23396		XA317	29			XA317	34			16B	9			MUWBTB	14	MWT18A	01	1	TQ2	C3		14	B		
23393		XA317	30			XA219	55			16B	9			MWT17A	01	MWT17A	00	1	TQ2	C2		15	A	BIT 17 WRT 1 *	
23397		XA317	31			XA221	54			16B	9			MRD18P	04	MWT18A	01	2	TQ2	C3		15	B		
08530		XA317	32											GND	01				TQ2			20	B		
23398		XA317	33											MWT18A	02	MWT18A	00	1	TQ2	C3		16	B	BIT 18 WRT 1 *	
23394		XA317	34			XA320	27			16B	9			MUWBTB	15	MWT17A	01	1	TQ2	C2		16	A		
23399		XA317	35			XA317	29			16B	9			MUWBTB	13	MWT19A	01	1	TQ2	C4		17	B		
23395		XA317	36			XA325	45			16B	9			MRD17P	03	MWT17A	01	2	TQ2	C2		17	A		
23400		XA317	37			XA221	50			16B	9			MRD19P	04	MWT19A	01	2	TQ2	C4		18	B		
20721		XA317	38											MDW31A	05	MDW31A	00	1	TQ2	C1		18	A	BIT 31 SWT TMNG	
23401		XA317	39			XA219	79			16B	9			MWT19A	01	MWT19A	00	1	TQ2	C4		19	B	BIT 19 WRT 1*	
20722		XA317	40											MUT310	03	MDW31A	01	1	TQ2	C1		19	A		
23408		XA317	41			XA317	35			16B	9			MUWBTB	12	MWT22A	01	1	TQ2	D3		22	B		
20723		XA317	42			XA316	41			16B	9			MUWECB	13	MDW31A	01	2	TQ2	C1		20	A		
23409		XA317	43			XA425	38			16B	9			MRD22P	04	MWT22A	01	2	TQ2	D3		23	B		
08531		XA317	44											GND	01				TQ2			21	B		
23410		XA317	45											MWT22A	02	MWT22A	00	1	TQ2	D3		24	B	BIT 22 WRT 1*	
23405		XA317	46			XA219	74			16B	9			MWT21A	01	MWT21A	00	1	TQ2	D2		21	A	BIT 21 WRT 1*	
23411		XA317	47			XA317	41			16B	9			MUWBTB	11	MWT23A	01	1	TQ2	D4		25	B		
23406		XA317	48			XA317	47			16B	9			MUWBTB	10	MWT21A	01	1	TQ2	D2		22	A		
23412		XA317	49			XA425	34			16B	9			MRD23P	04	MWT23A	01	2	TQ2	D4		26	B		
23407		XA317	50			XA221	73			16B	9			MRD21P	04	MWT21A	01	2	TQ2	D2		23	A		
23413		XA317	51											MWT23A	02	MWT23A	00	1	TQ2	D4		27	B	BIT 23 WRT 1*	
23402		XA317	52											MWT20A	02	MWT20A	00	1	TQ2	D1		24	A	BIT 20 WRT 1*	
23420		XA317	53			XA317	54			16B	9			MUWBTB	08	MWT26A	01	1	TQ2	E3		28	B		
23403		XA317	54			XA317	48			16B	9			MUWBTB	09	MWT20A	01	1	TQ2	D1		25	A		
23421		XA317	55			XA422	08			16B	9			MRD26P	04	MWT26A	01	2	TQ2	E3		29	B		
23404		XA317	56			XA221	71			16B	9			MRD20P	04	MWT20A	01	2	TQ2	D1		26	A		
23422		XA317	57			XA319	25			16B	9			MWT26A	01	MWT26A	00	1	TQ2	E3		30	B	BIT 26 WRT 1*	
08532		XA317	58											GND	01				TQ2			27	A		
23423		XA317	59			XA317	53			16B	9			MUWBTB	07	MWT27A	01	1	TQ2	E4		31	B		
23417		XA317	60											MWT25A	02	MWT25A	00	1	TQ2	E2		28	A	BIT 25 WRT 1*	
23424		XA317	61			XA326	47			16B	9			MRD27P	03	MWT27A	01	2	TQ2	E4		32	B		
23418		XA317	62			XA317	59			16B	9			MUWBTB	06	MWT25A	01	1	TQ2	E2		29	A		
23425		XA317	63											MWT27A	02	MWT27A	00	1	TQ2	E4		33	B	BIT 27 WRT 1*	
23419		XA317	64			XA326	35			16B	9			MRD25P	03	MWT25A	01	2	TQ2	E2		30	A		
23432		XA317	65			XA317	68			16B	9			MUWBTB	04	MWT30A	01	1	TQ2	F3		34	B		
23414		XA317	66			XA319	20			16B	9			MWT24A	01	MWT24A	00	1	TQ2	E1		31	A	BIT 24 WRT 1*	

CONNECTOR (XA317) CONTINUED ON THE NEXT PAGE ****

Litton DATA SYSTEMS

DRAWING NUMBER 149304-880 UNIT ASSEMBLY NO. 149304 REV G INDEX XA317

UNIT ASSEMBLY CARD CAGE WIRED, MCU CONNECTOR FILE IDENT T39AMCMU DATE 09-02-82 PAGE 268

RECORD NUMBER	FROM PREFIX	FROM CONNECTOR	FROM PIN	FROM SHEET	TO PREFIX	TO CONNECTOR	TO PIN	TO SHEET	WIRE MULTI GROUP	WIRE CODE	WIRE COLOR	WIRE IDENT	SPEC TEST MISC	SIGNAL	SEC NO	EQUATION	TERM	FACTOR	CKT OR CHIP TYPE	GROUP	QUAD OR POWER PLANE	TEST POINTS AND	TEST POINTS OR	SIGNAL DESCRIPTION	ECO NO
08533		XA317	67											GND	01				TQ2			40A			
23415		XA317	68			XA317	62			16B	9			MUWBTB	05	MWT24A	01	1	TQ2	E1		32A			
23433		XA317	69			XA319	37			16B	9			MWT30A	01	MWT30A	00	1	TQ2	F3		35A		BIT 30 WRT 1*	
23416		XA317	70			XA422	11			16B	9			MRD24P	04	MWT24A	01	2	TQ2	E1		33A			
23429		XA317	71			XA317	65			16B	9			MUWBTB	03	MWT29A	01	1	TQ2	F2		36A			
23430		XA317	72											MWT29A	02	MWT29A	00	1	TQ2	F2		34A		BIT 29 WRT 1*	
23431		XA317	73			XA326	59			16B	9			MRD29P	03	MWT29A	01	2	TQ2	F2		36B			
23434		XA317	74			XA326	57			16B	9			MRD30P	03	MWT30A	01	2	TQ2	F3		35B			
23426		XA317	75			XA319	36			16B	9			MWT28A	01	MWT28A	00	1	TQ2	F1		37B		BIT 28 WRT 1*	
23435		XA317	76			XA317	77			16B	9			MUWBTB	01	MWT31A	01	1	TQ2	F4		37A			
23427		XA317	77			XA317	71			16B	9			MUWBTB	02	MWT28A	01	1	TQ2	F1		38B			
23436		XA317	78			XA326	76			16B	9			MRD31P	03	MWT31A	01	2	TQ2	F4		38A			
23428		XA317	79			XA422	31			16B	9			MRD28P	04	MWT28A	01	2	TQ2	F1		39B			
23437		XA317	80											MWT31A	02	MWT31A	00	1	TQ2	F4		39A		BIT 31 WRT 1*	
20573		XA318	01											MDR24A	05	MDR24A	00	1	TQ2	A2		02B		BIT 24 SOURCE TMNG	
08534		XA318	02											GND	01				TQ2			01A			
20576		XA318	03			XA218	76			16B	9			MURECB	19	MDR25A	01	1	TQ2	A3		02A			
20574		XA318	04			XA318	03			16B	9			MURECB	18	MDR24A	01	1	TQ2	A2		04A			
20575		XA318	05			XA319	14			16B	9			MUT240	02	MDR24A	01	2	TQ2	A2		03B			
20570		XA318	06											MDR23A	05	MDR23A	00	1	TQ2	A1		05A		BIT 23 SOURCE TMNG	
20577		XA318	07			XA317	03			16B	9			MUT250	02	MDR25A	01	2	TQ2	A3		03A			
20571		XA318	08			XA318	04			16B	9			MURECB	17	MDR23A	01	1	TQ2	A1		06A			
20578		XA318	09			XA118	71			16B	9			MDR25A	03	MDR25A	00	1	TQ2	A3		04B		BIT 25 SOURCE TMNG	
20572		XA318	10			XA317	08			16B	9			MUT230	02	MDR23A	01	2	TQ2	A1		07A			
20579		XA318	11			XA318	08			16B	9			MURECB	16	MDR26A	01	1	TQ2	A4		05B			
08535		XA318	12											+5V	01				TQ2						
20580		XA318	13			XA319	27			16B	9			MUT260	02	MDR26A	01	2	TQ2	A4		06B			
20585		XA318	14											MDR28A	05	MDR28A	00	1	TQ2	B2		09A		BIT 28 SOURCE TMNG	
20581		XA318	15			XA214	56			16B	9			MDR26A	01	MDR26A	00	1	TQ2	A4		07B		BIT 26 SOURCE TMNG	
08536		XA318	16											GND	01				TQ2			01B			
20588		XA318	17			XA318	11			16B	9			MURECB	15	MDR29A	01	1	TQ2	B3		08B			
20586		XA318	18			XA318	17			16B	9			MURECB	14	MDR28A	01	1	TQ2	B2		10A			
20589		XA318	19			XA317	17			16B	9			MUT290	02	MDR29A	01	2	TQ2	B3		09B			
20587		XA318	20			XA319	30			16B	9			MUT280	02	MDR28A	01	2	TQ2	B2		11A			
20590		XA318	21											MDR29A	05	MDR29A	00	1	TQ2	B3		10B		BIT 29 SOURCE TMNG	
20582		XA318	22											MDR27A	04	MDR27A	00	1	TQ2	B1		12A		BIT 27 SOURCE TMNG	
20591		XA318	23			XA318	24			16B	9			MURECB	12	MDR30A	01	1	TQ2	B4		11B			
20583		XA318	24			XA318	18			16B	9			MURECB	13	MDR27A	01	1	TQ2	B1		13A			
20592		XA318	25			XA319	39			16B	9			MUT300	02	MDR30A	01	2	TQ2	B4		12B			
20584		XA318	26			XA317	24			16B	9			MUT270	02	MDR27A	01	2	TQ2	B1		14A			
20593		XA318	27											MDR30A	05	MDR30A	00	1	TQ2	B4		13B		BIT 30 SOURCE TMNG	
08537		XA318	28											+5V	01				TQ2						
23351		XA318	29			XA318	35			16B	9			MUWATB	04	MWT03A	01	1	TQ2	C3		14B			
23348		XA318	30											MWT02A	02	MWT02A	00	1	TQ2	C2		15A		BIT 02 WRT 1*	
23352		XA318	31			XA324	33			16B	9			MRD03P	03	MWT03A	01	2	TQ2	C3		15B			
08538		XA318	32											GND	01				TQ2			20B			
23353		XA318	33			XA219	26			16B	9			MWT03A	01	MWT03A	00	1	TQ2	C3		16B		BIT 03 WRT 1*	
23349		XA318	34			XA318	29			16B	9			MUWATB	03	MWT02A	01	1	TQ2	C2		16A			
CONNECTOR (XA318) CONTINUED ON THE NEXT PAGE ****																									

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DRAWING NUMBER 149304-880 UNIT ASSEMBLY NO. 149304 REV G INDEX XA318

UNIT ASSEMBLY CARD CAGE WIRED, MCU CONNECTOR FILE IDENT T39AMCMU DATE 09-02-82 PAGE 269

RECORD NUMBER	FROM PREFIX	FROM CONNECTOR	FROM PIN	FROM SH FG	TO PREFIX	TO CONNECTOR	TO PIN	TO SH FG	*RE MULTI GROUP	*RE CODE	*RE COLOR	*RE IDENT	*RE SPEC INST MISC	SIGNAL	SPEC NO	EQUATION	TERM	FACTOR	CKT OR CHIP TYPE	GROUP	LOAD OR POWER FLAGS	TEST POINTS AND	TEST POINTS OR	SIGNAL DESCRIPTION	ECO NO
23354		XA318	35			XA318	41			16B	9			MUWATB	05	MWT04A	01	1	TQ2	C4		17B			
23350		XA318	36			XA324	35			16B	9			MRD02P	03	MWT02A	01	2	TQ2	C2		17A			
23355		XA318	37			XA324	47			16B	9			MRD04P	03	MWT04A	01	2	TQ2	C4		18B			
20594		XA318	38											MDR31A	05	MDR31A	00	1	TQ2	C1		18A		BIT 31 SOURCE TMNG	
23356		XA318	39											MWT04A	02	MWT04A	00	1	TQ2	C4		19B		BIT 04 WRT 1*	
20595		XA318	40			XA318	23			16B	9			MURECB	11	MDR31A	01	1	TQ2	C1		19A			
23363		XA318	41			XA319	41			16B	9			MUWATB	06	MWT07A	01	1	TQ2	D3		22B			
20596		XA318	42			XA317	40			16B	9			MUT310	02	MDR31A	01	2	TQ2	C1		20A			
23364		XA318	43			XA324	57			16B	9			MRD07P	03	MWT07A	01	2	TQ2	D3		23B			
08539		XA318	44											GND	01				TQ2			21B			
23365		XA318	45			XA219	42			16B	9			MWT07A	01	MWT07A	00	1	TQ2	D3		24B		BIT 07 WRT 1*	
23360		XA318	46											MWT06A	02	MWT06A	00	1	TQ2	D2		21A		BIT 06 WRT 1*	
23366		XA318	47			XA318	53			16B	9			MUWATB	10	MWT08A	01	1	TQ2	D4		25B			
23361		XA318	48			XA318	47			16B	9			MUWATB	09	MWT06A	01	1	TQ2	D2		22A			
23367		XA318	49			XA224	49			16B	9			MRD08P	04	MWT08A	01	2	TQ2	D4		26B			
23362		XA318	50			XA324	59			16B	9			MRD06P	03	MWT06A	01	2	TQ2	D2		23A			
23368		XA318	51											MWT08A	02	MWT08A	00	1	TQ2	D4		27B		BIT 08 WRT 1*	
23357		XA318	52			XA219	19			16B	9			MWT05A	01	MWT05A	00	1	TQ2	D1		24A		BIT 05 WRT 1*	
23375		XA318	53			XA318	54			16B	9			MUWATB	11	MWT11A	01	1	TQ2	E3		28B			
23358		XA318	54			XA318	62			16B	9			MUWATB	12	MWT05A	01	1	TQ2	D1		25A			
23376		XA318	55			XA423	04			16B	9			MRD11P	04	MWT11A	01	2	TQ2	E3		29B			
23359		XA318	56			XA222	73			16B	9			MRD05P	04	MWT05A	01	2	TQ2	D1		26A			
23377		XA318	57			XA219	56			16B	9			MWT11A	01	MWT11A	00	1	TQ2	E3		30B		BIT 11 WRT 1*	
08540		XA318	58											GND	01				TQ2			27A			
23378		XA318	59			XA318	65			16B	9			MUWATB	14	MWT12A	01	1	TQ2	E4		31B			
23372		XA318	60											MWT10A	02	MWT10A	00	1	TQ2	E2		28A		BIT 10 WRT 1*	
23379		XA318	61			XA423	31			16B	9			MRD12P	04	MWT12A	01	2	TQ2	E4		32B			
23373		XA318	62			XA318	59			16B	9			MUWATB	13	MWT10A	01	1	TQ2	E2		29A			
23380		XA318	63											MWT12A	02	MWT12A	00	1	TQ2	E4		33B		BIT 12 WRT 1*	
23374		XA318	64			XA423	08			16B	9			MRD10P	04	MWT10A	01	2	TQ2	E2		30A			
23387		XA318	65			XA318	71			16B	9			MUWATB	15	MWT15A	01	1	TQ2	F3		34B			
23369		XA318	66			XA219	31			16B	9			MWT09A	01	MWT09A	00	1	TQ2	E1		31A		BIT 09 WRT 1*	
08541		XA318	67											GND	01				TQ2			40A			
23370		XA318	68											MUWATB	19	MWT09A	01	1	TQ2	E1		32A			
23388		XA318	69			XA219	70			16B	9			MWT15A	01	MWT15A	00	1	TQ2	F3		35A		BIT 15 WRT 1*	
23371		XA318	70			XA324	69			16B	9			MRD09P	03	MWT09A	01	2	TQ2	E1		33A			
23384		XA318	71			XA318	77			16B	9			MUWATB	16	MWT14A	01	1	TQ2	F2		36A			
23385		XA318	72											MWT14A	02	MWT14A	00	1	TQ2	F2		34A		BIT 14 WRT 1*	
23386		XA318	73			XA423	38			16B	9			MRD14P	04	MWT14A	01	2	TQ2	F2		36B			
23389		XA318	74			XA423	34			16B	9			MRD15P	04	MWT15A	01	2	TQ2	F3		35B			
23381		XA318	75			XA219	43			16B	9			MWT13A	01	MWT13A	00	1	TQ2	F1		37B		BIT 13 WRT 1*	
23390		XA318	76			XA318	68			16B	9			MUWATB	18	MWT16A	01	1	TQ2	F4		37A			
23382		XA318	77			XA318	76			16B	9			MUWATB	17	MWT13A	01	1	TQ2	F1		38B			
23391		XA318	78			XA325	47			16B	9			MRD16P	03	MWT16A	01	2	TQ2	F4		38A			
23383		XA318	79			XA423	33			16B	9			MRD13P	04	MWT13A	01	2	TQ2	F1		39B			
23392		XA318	80											MWT16A	02	MWT16A	00	1	TQ2	F4		39A		BIT 16 WRT 1*	
22567		XA319	01			XA515	03			16B	9			MUB050	03	MUB050	00	1	TQ2	A2		02B		BIT B ADR DEC 5	
08542		XA319	02											GND	01				TQ2			01A			
CONNECTOR XA319) CONTINUED ON THE NEXT PAGE ****																									

Litton DATA SYSTEMS

DRAWING NUMBER 149304-880 UNIT ASSEMBLY NO. 149304 REV G INDEX XA319

UNIT ASSEMBLY CARD CAGE WIRED, MCU CONNECTOR FILE IDENT T39AMCMU DATE 09-02-82 PAGE 270

RECORD NUMBER	FROM PREFIX	FROM CONNECTOR	FROM PIN	FROM SH KG	TO PREFIX	TO CONNECTOR	TO PIN	TO SH KG	WIRE MULT GROUP	WIRE CODE	WIRE COLOR	WIRE IDENT	SPEC INST MISC	SIGNAL	SEQ NO	EQUATION	TERM	FACTOR	CKT OR CHIP TYPE	PKG	LOAD DE POWER PLANE	TEST POINTS ANC	TEST POINTS OP	SIGNAL DESCRIPTION	ECO NO
22574		XA319	03			XA225	63			16B	9			MUB06A	01	MUB060	01	1	TQ2	A3			02A		
22568		XA319	04			XA225	55			16B	9			MUB05A	01	MUB050	01	1	TQ2	A2			04A		
22569		XA319	05			XA319	07			16B	9			MUPDGB	13	MUB050	01	2	TQ2	A2			03B		
22560		XA319	06			XA515	04			16B	9			MUB040	03	MUB040	00	1	TQ2	A1			05A	BIT B ADR DEC 4	
22575		XA319	07			XA319	10			16B	9			MUPDGB	14	MUB060	01	2	TQ2	A3			03A		
22561		XA319	08			XA225	64			16B	9			MUB04A	01	MUB040	01	1	TQ2	A1			06A		
22576		XA319	09			XA515	18			16B	9			MUB060	03	MUB060	00	1	TQ2	A3			04B	BIT B ADR DEC 6	
22562		XA319	10			XA319	13			16B	9			MUPDGB	15	MUB040	01	2	TQ2	A1			07A		
22581		XA319	11			XA225	73			16B	9			MUB07A	01	MUB070	01	1	TQ2	A4			05B		
08543		XA319	12											+5V	01				TQ2						
22582		XA319	13			XA320	31			16B	9			MUPDGB	16	MUB070	01	2	TQ2	A4			06B		
22911		XA319	14											MUT240	03	MUT240	00	1	TQ2	B2			09A	BIT 24 SRCE	
22583		XA319	15			XA515	17			16B	9			MUB070	03	MUB070	00	1	TQ2	A4			07B	BIT B ADR DEC 7	
08544		XA319	16											GND	01				TQ2				01B		
22914		XA319	17			XA319	23			16B	9			MURBTB	11	MUT250	01	1	TQ2	B3			08B		
22912		XA319	18			XA319	17			16B	9			MURBTB	10	MUT240	01	1	TQ2	B2			10A		
22915		XA319	19			XA317	60			16B	9			MWT25A	01	MUT250	01	2	TQ2	B3			09B		
22913		XA319	20											MWT24A	02	MUT240	01	2	TQ2	B2			11A		
22916		XA319	21			XA318	07			16B	9			MUT250	01	MUT250	00	1	TQ2	B3			10B	BIT 25 SRCE	
22908		XA319	22			XA318	10			16B	9			MUT230	01	MUT230	00	1	TQ2	B1			12A	BIT 23 SRCE	
22917		XA319	23			XA319	24			16B	9			MURBTB	12	MUT260	01	1	TQ2	B4			11B		
22909		XA319	24			XA319	34			16B	9			MURBTB	13	MUT230	01	1	TQ2	B1			13A		
22918		XA319	25											MWT26A	02	MUT260	01	2	TQ2	B4			12B		
22910		XA319	26			XA317	51			16B	9			MWT23A	01	MUT230	01	2	TQ2	B1			14A		
22919		XA319	27											MUT260	03	MUT260	00	1	TQ2	B4			13B	BIT 26 SRCE	
08545		XA319	28											+5V	01				TQ2						
22926		XA319	29			XA319	40			16B	9			MURBTB	16	MUT290	01	1	TQ2	C3			14B		
22923		XA319	30											MUT280	03	MUT280	00	1	TQ2	C2			15A	BIT 28 SRCE	
22927		XA319	31			XA317	72			16B	9			MWT29A	01	MUT290	01	2	TQ2	C3			15B		
08546		XA319	32											GND	01				TQ2				20B		
22928		XA319	33			XA318	19			16B	9			MUT290	01	MUT290	00	1	TQ2	C3			16B	BIT 29 SRCE	
22924		XA319	34			XA319	35			16B	9			MURBTB	14	MUT280	01	1	TQ2	C2			16A		
22929		XA319	35			XA319	29			16B	9			MURBTB	15	MUT300	01	1	TQ2	C4			17B		
22925		XA319	36											MWT28A	02	MUT280	01	2	TQ2	C2			17A		
22930		XA319	37											MWT30A	02	MUT300	01	2	TQ2	C4			18B		
22920		XA319	38			XA318	26			16B	9			MUT270	01	MUT270	00	1	TQ2	C1			18A	BIT 27 SRCE	
22931		XA319	39											MUT300	03	MUT300	00	1	TQ2	C4			19B	BIT 30 SRCE	
22921		XA319	40			XA319	54			16B	9			MURBTB	17	MUT270	01	1	TQ2	C1			19A		
23342		XA319	41			XA319	47			16B	9			MUWATB	07	MWT00A	01	1	TQ2	D3			22B		
22922		XA319	42			XA317	63			16B	9			MWT27A	01	MUT270	01	2	TQ2	C1			20A		
23343		XA319	43			XA324	23			16B	9			MRD00P	03	MWT00A	01	2	TQ2	D3			23B		
08547		XA319	44											GND	01				TQ2				21B		
23344		XA319	45											MWT00A	02	MWT00A	00	1	TQ2	D3			24B	BIT 00 WRT 1*	
23339		XA319	46			XA219	10			16B	9			MWT0PA	01	MWT0PA	00	1	TQ2	D2			21A	BIT 0P WRT 1*	
23345		XA319	47			XA318	48			16B	9			MUWATB	08	MWT01A	01	1	TQ2	D4			25B		
23340		XA319	48											MUWBTB	18	MWT0PA	01	1	TQ2	D2			22A		
23346		XA319	49			XA324	21			16B	9			MRD01P	03	MWT01A	01	2	TQ2	D4			26B		
23341		XA319	50			XA220	49			16B	9			MRD0PP	04	MWT0PA	01	2	TQ2	D2			23A		
23347		XA319	51			XA219	07			16B	9			MWT01A	01	MWT01A	00	1	TQ2	D4			27B	BIT 01 WRT 1*	
22932		XA319	52			XA318	42			16B	9			MUT310	01	MUT310	00	1	TQ2	D1			24A	BIT 31 SRCE	

CONNECTOR XA319 CONTINUED ON THE NEXT PAGE ****

RECORD NUMBER	FROM PREFIX	FROM CONNECTOR	FROM PIN	FROM SHEG	TO PREFIX	TO CONNECTOR	TO PIN	TO SHEG	WIRE CKT GROUP	WIRE CODE	WIRE COLOR	WIRE IDENT	SPC INST MISC	SIGNAL	SEQ NO	EQUATION	TERM LOCATION	CKT OR CHIP TYPE	GROUP	LOAD OR POWER PLANE	TEST POINTS AND	TEST POINTS OR	SIGNAL DESCRIPTION	ECO NO
08548		XA319	53			XA320	25			16B	9			SPI013	12		01 1	TQ2	E3		28B			
22933		XA319	54											MURBTB	18	MUT310	01 1	TQ2	D1		25A			
08549		XA319	55			XA319	61			16B	9			SPI012	24		01 2	TQ2	E3		29B			
22934		XA319	56			XA317	80			16B	9			MWT31A	01	MUT310	01 2	TQ2	D1		26A			
08550		XA319	57											SPO	01		00 1	TQ2	E3		30B			
08551		XA319	58											GND	01			TQ2			27A			
08552		XA319	59			XA319	53			16B	9			SPI013	11		01 1	TQ2	E4		31B			
08553		XA319	60											SPO	01		00 1	TQ2	E2		28A			
08554		XA319	61			XA319	64			16B	9			SPI012	25		01 2	TQ2	E4		32B			
08555		XA319	62			XA319	59			16B	9			SPI013	10		01 1	TQ2	E2		29A			
08556		XA319	63											SPO	01		00 1	TQ2	E4		33B			
08557		XA319	64			XA319	68			16B	9			SPI012	26		01 2	TQ2	E2		30A			
08558		XA319	65			XA320	59			16B	9			SPI014	28		01 1	TQ2	F3		34B			
08559		XA319	66											SPO	01		00 1	TQ2	E1		31A			
08560		XA319	67											GND	01			TQ2			40A			
08561		XA319	68			XA319	73			16B	9			SPI012	27		01 1	TQ2	E1		32A			
08562		XA319	69											SPO	01		00 1	TQ2	F3		35A			
08563		XA319	70			XA319	62			16B	9			SPI013	09		01 2	TQ2	E1		33A			
08564		XA319	71			XA319	76			16B	9			SPI013	06		01 1	TQ2	F2		36A			
08565		XA319	72											SPO	01		00 1	TQ2	F2		34A			
08566		XA319	73			XA319	77			16B	9			SPI012	28		01 2	TQ2	F2		36B			
08567		XA319	74			XA319	70			16B	9			SPI013	08		01 2	TQ2	F3		35B			
08568		XA319	75											SPO	01		00 1	TQ2	F1		37B			
08569		XA319	76			XA319	74			16B	9			SPI013	07		01 1	TQ2	F4		37A			
08570		XA319	77			XA316	78			16B	9			SPI012	29		01 1	TQ2	F1		38B			
08571		XA319	78			XA320	73			16B	9			SPI014	23		01 2	TQ2	F4		38A			
08572		XA319	79			XA319	71			16B	9			SPI013	05		01 2	TQ2	F1		39B			
08573		XA319	80											SPO	01		00 1	TQ2	F4		39A			
22735		XA320	01			XA219	68			16B	9		P	MURFTA	02	MURATB	01 1	TQ2	A2		02B		BIT READ SRCE TMG	
22824		XA320	01										J	MURFTA	01	MURFTA	00 1	TQ2	A2		02B		MURATB BUSS	
08574		XA320	02											GND	01			TQ2			01A			
22827		XA320	03			XA320	11			16B	9			MURDTO	03	MURGTA	01 1	TQ2	A3		02A			
22825		XA320	04			XA320	03			16B	9			MURDTO	02	MURFTA	01 1	TQ2	A2		04A			
22826		XA320	05			XA320	07			16B	9			SPI013	21	MURFTA	01 2	TQ2	A2		03B			
22736		XA320	06			XA320	01			16B	9		P	MURETA	01	MURATB	02 1	TQ2	A1		05A			
22809		XA320	06										J	MURETA	01	MURETA	00 1	TQ2	A1		05A		MURATB BUSS	
22828		XA320	07			XA320	10			16B	9			SPI013	22	MURGTA	01 2	TQ2	A3		03A			
22810		XA320	08			XA320	04			16B	9			MURDTO	01	MURETA	01 1	TQ2	A1		06A			
22758		XA320	09			XA320	15			16B	9		P	MURGTA	08	MURBTB	01 1	TQ2	A3		04B		BIT READ SRCE TMG	
22829		XA320	09										J	MURGTA	01	MURGTA	00 1	TQ2	A3		04B		MURBTB BUSS	
22811		XA320	10			XA342	20			16B	9			SPI013	24	MURETA	01 2	TQ2	A1		07A			
22830		XA320	11			XA323	30			16B	9			MURDTO	04	MURHTA	01 1	TQ2	A4		05B			
08575		XA320	12											+5V	01			TQ2						
22831		XA320	13			XA315	77			16B	9			SPI013	17	MURHTA	01 2	TQ2	A4		06B			
22944		XA320	14			XA320	22			16B	9		P	MUWFTO	01	MUWATB	02 1	TQ2	B2		09A			
23030		XA320	14										J	MUWFTO	01	MUWFTO	00 1	TQ2	B2		09A		MUWATB BUSS	
22759		XA320	15			XA319	18			16B	9		P	MURHTA	09	MURBTB	02 1	TQ2	A4		07B			
22832		XA320	15										J	MURHTA	01	MURHTA	00 1	TQ2	A4		07B		MURBTB BUSS	

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RECORD NUMBER	FROM PREFIX	FROM CONNECTOR	FROM PIN	FROM SH FG	TO PREFIX	TO CONNECTOR	TO PIN	TO SH FG	WIRE MULTI GROUP	WIRE CODE	WIRE COLOR	WIRE IDENT	SPC INST MISC	SIGNAL	SEQ NO	EQUATION	TERM	FACTOR	CKT OR CNTR TYPE	GRAF	LOAD OR POWER PLANE	TEST POINTS AND/OR	SIGNAL DESCRIPTION	ECO NO
08576		XA320	16											GND	01				TQ2			01B		
23033		XA320	17			XA320	23			16B	9			MUWDTA	03	MUWGTO	01	1	TQ2	B3		08B		
23031		XA320	18			XA320	17			16B	9			MUWDTA	02	MUWFTO	01	1	TQ2	B2		10A		
23034		XA320	19			XA320	13			16B	9			SPI013	16	MUWGTO	01	2	TQ2	B3		09B		
23032		XA320	20			XA320	19			16B	9			SPI013	15	MUWFTO	01	2	TQ2	B2		11A		
22967		XA320	21			XA319	48			16B	9		P	MUWDTA	17	MUWBTB	01	1	TQ2	B3		10B	BIT WRITE SRCE TMG	
23035		XA320	21										J	MUWGTO	01	MUWGTO	00	1	TQ2	B3		10B	MUWBTB BUSS	
22945		XA320	22			XA318	34			16B	9		P	MUWETO	02	MUWATB	01	1	TQ2	B1		12A	BIT WRITE SRCE TMG	
23015		XA320	22										J	MUWETO	01	MUWETO	00	1	TQ2	B1		12A	MUWATB BUSS	
23036		XA320	23			XA320	24			16B	9			MUWDTA	04	MUWHTO	01	1	TQ2	B4		11B		
23016		XA320	24											MUWDTA	05	MUWETO	01	1	TQ2	B1		13A		
23037		XA320	25			XA320	26			16B	9			SPI013	13	MUWHTO	01	2	TQ2	B4		12B		
23017		XA320	26			XA320	20			16B	9			SPI013	14	MUWETO	01	2	TQ2	B1		14A		
22968		XA320	27			XA320	21			16B	9		P	MUWHTO	16	MUWBTB	02	1	TQ2	B4		13B		
23038		XA320	27										J	MUWHTO	01	MUWHTO	00	1	TQ2	B4		13B	MUWBTB BUSS	
08577		XA320	28											+5V	01				TQ2					
22729		XA320	29			XA323	21			16B	9			MUOENA	06	MURABA	01	1	TQ2	C3		14B		
22749		XA320	30										J	MURBAA	01	MURBAA	00	1	TQ2	C2		15A	MUREAB BUSS	
22803		XA320	30			XA315	24			16B	9		P	MURBAA	13	MUREAB	02	1	TQ2	C2		15A		
22730		XA320	31			XA320	36			16B	9			MUPDGB	17	MURABA	01	2	TQ2	C3		15B		
08578		XA320	32											GND	01				TQ2			20B		
22731		XA320	33										J	MURABA	01	MURABA	00	1	TQ2	C3		16B	MUREBB BUSS	
22805		XA320	33			XA320	39			16B	9		P	MURABA	12	MUREBB	01	1	TQ2	C3		16B	BIT COIN CUR	
22750		XA320	34			XA320	35			16B	9			MUOENA	04	MURBAA	01	1	TQ2	C2		16A		
22752		XA320	35			XA320	29			16B	9			MUOENA	05	MURBBA	01	1	TQ2	C4		17B		
22751		XA320	36			XA320	37			16B	9			MUPDGB	18	MURBAA	01	2	TQ2	C2		17A		
22753		XA320	37			XA320	42			16B	9			MUPDGB	19	MURBBA	01	2	TQ2	C4		18B		
22726		XA320	38										J	MURAAA	01	MURAAA	00	1	TQ2	C1		18A	MUREAB BUSS	
22804		XA320	38			XA320	30			16B	9		P	MURAAA	12	MUREAB	01	1	TQ2	C1		18A	BIT COIN CUR	
22754		XA320	39										J	MURBBA	01	MURBBA	00	1	TQ2	C4		19B	MUREBB BUSS	
22806		XA320	39			XA315	40			16B	9		P	MURBBA	13	MUREBB	02	1	TQ2	C4		19B		
22727		XA320	40			XA320	34			16B	9			MUOENA	03	MURAAA	01	1	TQ2	C1		19A		
23045		XA320	41			XA323	27			16B	9			MWEANA	01	MUOENO	01	1	TQ2	D3		22B		
22728		XA320	42			XA320	50			16B	9			MUPDGB	20	MURAAA	01	2	TQ2	C1		20A		
23046		XA320	43											MWEBNA	02	MUOENO	01	2	TQ2	D3		23B		
08579		XA320	44											GND	01				TQ2			21B		
23047		XA320	45			XA323	24			16B	9			MUOENO	01	MUOENO	00	1	TQ2	D3		24B	BIT COIN CUR	
22755		XA320	46										J	MURBCA	01	MURBCA	00	1	TQ2	D2		21A	MURECB BUSS	
22807		XA320	46			XA318	40			16B	9		P	MURBCA	10	MURECB	02	1	TQ2	D2		21A		
23217		XA320	47			XA323	40			16B	9			MWENTA	01	MWENTO	01	1	TQ2	D4		25B		
22756		XA320	48			XA320	40			16B	9			MUOENA	02	MURBCA	01	1	TQ2	D2		22A		
23218		XA320	49			XA320	55			16B	9			SPI015	18	MWENTO	01	2	TQ2	D4		26B		
22757		XA320	50			XA320	56			16B	9			MUPDGB	21	MURBCA	01	2	TQ2	D2		23A		
23219		XA320	51											MWENTO	02	MWENTO	00	1	TQ2	D4		27B	READ	
22732		XA320	52										J	MURACA	01	MURACA	00	1	TQ2	D1		24A	MURECB BUSS	
22808		XA320	52			XA320	46			16B	9		P	MURACA	09	MURECB	01	1	TQ2	D1		24A	BIT COIN CUR	
08580		XA320	53											SPI014	30		01	1	TQ2	E3		28B		
22733		XA320	54			XA320	48			16B	9			MUOENA	01	MURACA	01	1	TQ2	D1		25A		
08581		XA320	55			XA320	61			16B	9			SPI015	21		01	2	TQ2	E3		29B		
22734		XA320	56			XA323	05			16B	9			MUPDGB	22	MURACA	01	2	TQ2	D1		26A		
CONNECTOR XA320) CONTINUED ON THE NEXT PAGE ****																								

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UNIT ASSEMBLY CARD CAGE WIRED, MCU CONNECTOR FILE IDENT T39AMCMU DATE 09-02-82 PAGE 273

RECORD NUMBER	FROM PREFIX	FROM CONNECTOR	FROM PIN	FROM SHIELD	TO PREFIX	TO CONNECTOR	TO PIN	TO SHIELD	WIRE MULTI GROUP	WIRE CODE	WIRE COLOR	WIRE IDENT	SPEC NOTES	SIGNAL	SPEC NO	EQUATION	TERM FACTOR	CKT OR CHIP TYPE	GROUP	LOAD OR POWER FLAGS	TEST POINTS AND ON	SIGNAL DESCRIPTION	ECO NO
08582		XA320	57											SP0	01		00 1	TQ2	E3		30B		
08583		XA320	58											GND	01			TQ2			27A		
08584		XA320	59			XA320	53			16B	9			SPI014	29		01 1	TQ2	E4		31B		
08585		XA320	60											SP0	01		00 1	TQ2	E2		28A		
08586		XA320	61			XA320	62			16B	9			SPI015	22		01 2	TQ2	E4		32B		
08587		XA320	62			XA320	68			16B	9			SPI015	23		01 1	TQ2	E2		29A		
08588		XA320	63											SP0	01		00 1	TQ2	E4		33B		
08589		XA320	64			XA320	65			16B	9			SPI014	26		01 2	TQ2	E2		30A		
08590		XA320	65			XA319	65			16B	9			SPI014	27		01 1	TQ2	F3		34B		
08591		XA320	66											SP0	01		00 1	TQ2	E1		31A		
08592		XA320	67											GND	01			TQ2			40A		
08593		XA320	68			XA320	71			16B	9			SPI015	24		01 1	TQ2	E1		32A		
08594		XA320	69											SP0	01		00 1	TQ2	F3		35A		
08595		XA320	70			XA320	64			16B	9			SPI014	25		01 2	TQ2	E1		33A		
08596		XA320	71			XA320	74			16B	9			SPI015	25		01 1	TQ2	F2		36A		
08597		XA320	72											SP0	01		00 1	TQ2	F2		34A		
08598		XA320	73			XA320	70			16B	9			SPI014	24		01 2	TQ2	F2		36B		
08599		XA320	74			XA320	78			16B	9			SPI015	26		01 2	TQ2	F3		35B		
08600		XA320	75											SP0	01		00 1	TQ2	F1		37B		
08601		XA320	76			XA320	77			16B	9			SPI014	21		01 1	TQ2	F4		37A		
08602		XA320	77			XA319	78			16B	9			SPI014	22		01 1	TQ2	F1		38B		
08603		XA320	78			XA320	79			16B	9			SPI015	27		01 2	TQ2	F4		38A		
08604		XA320	79			XA323	71			16B	9			SPI015	28		01 2	TQ2	F1		39B		
08605		XA320	80											SP0	01		00 1	TQ2	F4		39A		
08606		XA321	01											SPP	01			ACF					
08607		XA321	02											GND	01			ACF			01B		
08608		XA321	03											SP0	01		00 1	ACF	A3		02A		
08609		XA321	04											SPP	01			ACF					
08610		XA321	05			XA322	05			16B	9			SPI006	11E		01 2	ACF	A3		04B		
08611		XA321	06			XA322	06			18D	2			+5AUX	03			ACF					
08612		XA321	07			XA322	07			16B	9			SPI005	04		01 1	ACF	A1		03A		
08613		XA321	08			XA321	07			16B	9			SPI005	03		01 1	ACF	A3		05B		
08614		XA321	09			XA321	05			16B	9			SPI006	11D		01 2	ACF	A1		04A		
08615		XA321	10											SP0	02		00 1	ACF	A2		06B		
08616		XA321	11											SP0	01		00 1	ACF	A1		05A		
08617		XA321	12											+5V	01			ACF			21B		
19077		XA321	13			XA323	19			16B	9			SPI015	02	MAYS1GX	01 1	ACF	B1		06A		
19517		XA321	13										M	SPI015	01	MBYS1GX	01 1	ACF	C1		06A		
19955		XA321	13										M	SPI015	01	MCYS1GX	01 1	ACF	D1		06A		
20751		XA321	13										M	SPI015	01	MDYS1GX	01 1	ACF	E1		06A		
08618		XA321	14											SPP	01			ACF					
08619		XA321	15			XA321	09			16B	9			SPI006	11C		01 2	ACF	A2		07B		
08620		XA321	16											GND	01			ACF			20B		
19078		XA321	17			XA322	17			16B	9			MDDDJA4	11	MAYS1GX	01 2	ACF	B1		07A		
19518		XA321	17										M	MDDDJA4	01	MBYS1GX	01 2	ACF	C1		07A		
19956		XA321	17										M	MDDDJA4	01	MCYS1GX	01 2	ACF	D1		07A		
20752		XA321	17										M	MDDDJA4	01	MDYS1GX	01 2	ACF	E1		07A		
08621		XA321	18											SPP	01			ACF					

CONNECTOR (XA321) CONTINUED ON THE NEXT PAGE ****

RECORD NUMBER	FROM PREFIX	FROM CONNECTOR	FROM PIN	FROM SH FG	TO PREFIX	TO CONNECTOR	TO PIN	TO SH FG	WIRE MULTI GROUP	WIRE CODE	WIRE COLOR	WIRE IDENT	SPC INST MISC	SIGNAL	SEQ NO	EQUATION	TERM	FACTOR	CNT OR CHIP TYPE	GRID	LOAD OF POWER PLANE	TEST POINTS ANC	TEST POINTS DP	SIGNAL DESCRIPTION	ECO NO
08622		XA321	19			XA321	08			16B	9			SPI005	02		01	1	ACF	A2		08B			
08623		XA321	20											SPP	01				ACF						
08624		XA321	21											SPP	01				ACF						
08625		XA321	22											SPP	01				ACF						
19519		XA321	23											MBYS1GX	02	MBYS1GX	00	1	ACF	C1				SYNC 1 PRT B I/O	
08626		XA321	24											SPP	02				ACF						
19520		XA321	25			XA303	73			16B	9			MBYS1HX	01	MBYS1HX	00	1	ACF	C2				SYNC 1 PRT B I/O	
08627		XA321	26											SPP	01				ACF						
08628		XA321	27											SPR	01				ACF	RC					
08629		XA321	28											+5V	02				ACF						
19080		XA321	29			XA201	73			16B	9			MAYS1HX	01	MAYS1HX	00	1	ACF	B2				SYNC 1 PORT A I/O	
08630		XA321	30											SPP	01				ACF						
19079		XA321	31											MAYS1GX	02	MAYS1GX	00	1	ACF	B1				SYNC 1 PORT A I/O	
08631		XA321	32											GND	02				ACF			40A			
08632		XA321	33											SPR	01				ACF	RB					
08633		XA321	34											SPP	01				ACF						
08634		XA321	35											SPP	01				ACF						
08635		XA321	36											SPP	02				ACF						
19958		XA321	37			XA321	39			16B	9			MDGNDB1	05	MCYS1HX	01	1	ACF	D2		18A			
08636		XA321	38											SPP	01				ACF						
19521		XA321	39			XA321	41			16B	9			MDGNDB1	06	MBYS1HX	01	1	ACF	C2		20A			
08637		XA321	40											SPP	01				ACF						
19081		XA321	41			XA321	43			16B	9			MDGNDB1	07	MAYS1HX	01	1	ACF	B2		22A			
08638		XA321	42											SPP	01				ACF						
20754		XA321	43			XA220	54			16B	9			MDGNDB1	08	MDYS1HX	01	1	ACF	E2		23A			
08639		XA321	44											GND	01				ACF			40B			
08640		XA321	45											SPP	01				ACF			08A			
08641		XA321	46											SPP	01				ACF						
08642		XA321	47											DNW					ACF						
08643		XA321	48											SPP	01				ACF						
20755		XA321	49			XA401	73			16B	9			MDYS1HX	01	MDYS1HX	00	1	ACF	E2				SYNC 1 PORT D I/O	
08644		XA321	50											SPP	01				ACF						
20753		XA321	51											MDYS1GX	02	MDYS1GX	00	1	ACF	E1				SYNC 1 PORT D I/O	
08645		XA321	52											DNW					ACF						
08646		XA321	53											SPR	01				ACF	RD					
08647		XA321	54											DNW					ACF						
08648		XA321	55											SPR	41				ACF	RE					
08649		XA321	56											SPP	01				ACF						
19959		XA321	57			XA402	73			16B	9			MCYS1HX	01	MCYS1HX	00	1	ACF	D2				SYNC 1 PORT C I/O	
08650		XA321	58											GND	02				ACF						
19957		XA321	59											MCYS1GX	02	MCYS1GX	00	1	ACF	D1				SYNC 1 PORT C I/O	
08651		XA321	60											DNW					ACF						
08652		XA321	61											SPP	03				ACF						
08653		XA321	62											SPP	01				ACF						
08654		XA321	63											KEY	01				ACF						
19522		XA321	64			XA322	64			16B	9			SPI007	04C	MBYS1TX	01	1	ACF	C3		34A			
19523		XA321	65											MBYS1TX	10	MBYS1TX	00	1	ACF	C3		32A		SYNC 1 PORT B	
19082		XA321	66			XA321	64			16B	9			SPI007	04	MAYS1TX	01	1	ACF	B3		34B			
08655		XA321	67											GND	02				ACF						
20756		XA321	68			XA321	66			16B	9			SPI007	03	MDYS1TX	01	1	ACF	E3		36A			

CONNECTOR XA321 CONTINUED ON THE NEXT PAGE ****

RECORD NUMBER	FROM PREFIX	FROM CONNECTOR	FROM PIN	FROM SPEC	TO PREFIX	TO CONNECTOR	TO PIN	TO SPEC	WIRE MULTI GROUP	WIRE CODE	WIRE COLOR	WIRE IDENT	SPEC INST	SIGNAL	SEQ NO	EQUATION	TERM	FACTOR	CKT OR CHIP TYPE	GROUP	LOAD OR POWER PLANE	TEST POINTS AND	TEST POINTS OR	SIGNAL DESCRIPTION	ECO NO
19083		XA321	69											MAYS1TX	10	MAYS1TX	00	1	ACF	B3		35B		SYNC 1 PRT A	
08656		XA321	70											DNW					ACF						
19960		XA321	71			XA321	68			16B	9			SPI007	02	MCYS1TX	01	1	ACF	D3		36B			
20757		XA321	72											MDYS1TX	10	MDYS1TX	00	1	ACF	E3		38A		SYNC 1 PRT D	
19961		XA321	73											MCYS1TX	10	MCYS1TX	00	1	ACF	D3		38B		SYNC 1 PRT C	
08657		XA321	74							16B	9			+5AUX	05				ACF						
08658		XA321	75											DNW					ACF						
08659		XA321	76											SPP	01				ACF						
08660		XA321	77											DNW	01				ACF					KEYWAY	
08661		XA321	78											DNW	01				ACF					KEYWAY	
08662		XA321	79											SPP	01				ACF						
20758		XA321	80											SPP	29	MDYS2G			ACF						
08663		XA322	01											SPP	01				ACF						
08664		XA322	02											GND	10				ACF			01B			
08665		XA322	03											SP0	01		00	1	ACF	A3		02A			
08666		XA322	04											SPP	12				ACF						
08667		XA322	05			XA322	09			16B	9			SPI006	11J		01	2	ACF	A3		04B			
08668		XA322	06			XA322	74			18D	2			+5AUX	035				ACF						
08669		XA322	07			XA322	08			16B	9			SPI005	05		01	1	ACF	A1		03A			
08670		XA322	08			XA322	19			16B	9			SPI005	06		01	1	ACF	A3		05B			
08671		XA322	09			XA322	15			16B	9			SPI006	11K		01	2	ACF	A1		04A			
08672		XA322	10											SP0	10		00	1	ACF	A2		06B			
08673		XA322	11											SP0	16		00	1	ACF	A1		05A			
08674		XA322	12											+5V	02				ACF			21B			
19085		XA322	13											MPYS20	02	MAYS2GX	01	1	ACF	B1		06A			
19524		XA322	13										M	MPYS20	01	MBYS2GX	01	1	ACF	C1		06A			
19962		XA322	13										M	MPYS20	01	MCYS2GX	01	1	ACF	D1		06A			
20759		XA322	13										M	MPYS20	01	MDYS2GX	01	1	ACF	E1		06A			
08675		XA322	14											SPP	01				ACF						
08676		XA322	15			XA220	70			16B	9			SPI006	11L		01	2	ACF	A2		07B			
08677		XA322	16											GND	01				ACF			20B			
19086		XA322	17											MDDDJA4	12	MAYS2GX	01	2	ACF	B1		07A			
19525		XA322	17										M	MDDDJA4	01	MBYS2GX	01	2	ACF	C1		07A			
19963		XA322	17										M	MDDDJA4	01	MCYS2GX	01	2	ACF	D1		07A			
20760		XA322	17										M	MDDDJA4	01	MDYS2GX	01	2	ACF	E1		07A			
08678		XA322	18											SPP	01				ACF						
08679		XA322	19			XA330	75			16B	9			SPI005	065		01	1	ACF	A2		08B			
08680		XA322	20											SPP	01				ACF						
08681		XA322	21											SPP	01				ACF						
08682		XA322	22											SPP	01				ACF						
19526		XA322	23											MBYS2GX	02	MBYS2GX	00	1	ACF	C1				SYNC 2 PRT B I/O	
08683		XA322	24											SPP	01				ACF						
19527		XA322	25			XA303	75			16B	9			MBYS2HX	01	MBYS2HX	00	1	ACF	C2				SYNC 2 PRT B I/O	
08684		XA322	26											SPP	01				ACF						
19084		XA322	27											SPR	02	MAYS2DX			ACF	RC					
08685		XA322	28											+5V	03				ACF						
19088		XA322	29			XA201	75			16B	9			MAYS2HX	01	MAYS2HX	00	1	ACF	B2				SYNC 2 PRT A I/O	
08686		XA322	30											SPP	01				ACF						
CONNECTOR XA322) CONTINUED ON THE NEXT PAGE ****																									

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RECORD NUMBER	FROM PREFIX	FROM CONNECTOR	FROM PIN	FROM SH FG	TO PREFIX	TO CONNECTOR	TO PIN	TO SH FG	WIRE MULTI GROUP	WIRE CODE	WIRE COLOR	WIRE IDENT	SPC TEST MISC	SIGNAL	SEC NO	EQUATION	TERM	FACTOR	CKT OR CMP TYPE	GROUP	QUAL CP POWER PLANE	TEST POINTS ANCTOR	SIGNAL DESCRIPTION	ECO NO
19087		XA322	31											MAYS2GX	02	MAYS2GX	00	1	ACF	B1			SYNC 2 PRT A I/O	
08687		XA322	32											GND	01				ACF			40A		
08688		XA322	33											SPR	09				ACF	RB				
08689		XA322	34											SPP	11				ACF					
08690		XA322	35											SPP	01				ACF					
08691		XA322	36											SPP	01				ACF					
19965		XA322	37											MCENE01	11	MCYS2HX	01	1	ACF	D2		18A		
08692		XA322	38											SPP	11				ACF					
19528		XA322	39			XA432	29			168	9			MBENE0	08	MBYS2HX	01	1	ACF	C2		20A		
08693		XA322	40											SPP	01				ACF					
19089		XA322	41			XA336	03			168	9			MAENE0	01	MAYS2HX	01	1	ACF	B2		22A		
08694		XA322	42											SPP	01				ACF					
20762		XA322	43											MDENE01	11	MDYS2HX	01	1	ACF	E2		23A		
08695		XA322	44											GND	02				ACF			40B		
08696		XA322	45											SPP	01				ACF			08A		
08697		XA322	46											SPP	01				ACF					
08698		XA322	47											SPP	01				ACF					
08699		XA322	48											SPP	01				ACF					
20763		XA322	49			XA401	75			168	9			MDYS2HX	01	MDYS2HX	00	1	ACF	E2			SYNC 2 PRT D I/O	
08700		XA322	50											SPP	06				ACF					
20761		XA322	51											MDYS2GX	02	MDYS2GX	00	1	ACF	E1			SYNC 2 PRT D I/O	
08701		XA322	52											SPP	01				ACF					
08702		XA322	53											SPR	01				ACF	RD				
08703		XA322	54											SPP	03				ACF					
08704		XA322	55											SPR	01				ACF	RE				
08705		XA322	56											SPP	01				ACF					
19966		XA322	57			XA402	75			168	9			MCYS2HX	01	MCYS2HX	00	1	ACF	D2			SYNC 2 PRT C I/O	
08706		XA322	58											GND	01				ACF					
19964		XA322	59											MCYS2GX	02	MCYS2GX	00	1	ACF	D1			SYNC 2 PRT C I/O	
08707		XA322	60											SPP	01				ACF					
08708		XA322	61											SPP	01				ACF					
08709		XA322	62											SPP	01				ACF					
08710		XA322	63											SPP	01				ACF					
08711		XA322	64			XA322	66			168	9			SPI007	04D		01	1	ACF	C3		34A		
08712		XA322	65											SPO	01		00	1	ACF	C3		32A		
19090		XA322	66			XA322	68			168	9			SPI007	04E	MAYS2TX	01	1	ACF	B3		34B		
08713		XA322	67											GND	01				ACF					
08714		XA322	68			XA322	71			168	9			SPI007	04K		01	1	ACF	E3		36A		
19091		XA322	69										M	MAYS2TX	10	MAYS2TX	00	1	ACF	B3		35B		
08715		XA322	70											SPP	07				ACF					
08716		XA322	71			XA228	77			168	9			SPI007	04L		01	1	ACF	D3		36B		
08717		XA322	72											SPO	30		00	1	ACF	E3		38A		
08718		XA322	73											SPO	01		00	1	ACF	D3		38B		
08719		XA322	74			XA321	74			18D	2			+5AUX	04				ACF					
08720		XA322	75											SPP	01				ACF					
08721		XA322	76											SPP	01				ACF					
08722		XA322	77											DNW	01				ACF				KEYWAY	
08723		XA322	78											DNW	01				ACF				KEYWAY	
08724		XA322	79											SPP	01				ACF					
08725		XA322	80											SPP	01				ACF					

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RECORD NUMBER	FROM PREFIX	FROM CONNECTOR	FROM PIN	FROM SHIELD	TO PREFIX	TO CONNECTOR	TO PIN	TO SHIELD	WIRE MULTI GROUP	WIRE CODE	WIRE COLOR	WIRE IDENT	SPEC INST MISC	SIGNAL	SEQ NO	EQUATION	TERM FACTOR		CAT OR CHIP TYPE	GRP	LOAD OR POWER FLAGS	TEST POINTS ANC	TEST POINTS DC	SIGNAL DESCRIPTION	ECO NO
22958		XA323	01										J	MUWBAA	01	MUWBAA	00	1	TQ2	A2			02B	MUWEAB BUSS	
23009		XA323	01			XA316	03			16B	9		P	MUWBAA	02	MUWEAB	02	1	TQ2	A2			02B		
08726		XA323	02											GND	01				TQ2				01A		
22938		XA323	03											MUOENO	08	MUWABA	01	1	TQ2	A3			02A		
22959		XA323	04			XA323	03			16B	9			MUOENO	07	MUWBAA	01	1	TQ2	A2			04A		
22960		XA323	05			XA323	07			16B	9			MUPDGB	23	MUWBAA	01	2	TQ2	A2			03B		
22935		XA323	06										J	MUWAAA	01	MUWAAA	00	1	TQ2	A1			05A	MUWEAB BUSS	
23010		XA323	06			XA323	01			16B	9		P	MUWAAA	01	MUWEAB	01	1	TQ2	A1			05A	BIT ANTI-COIN CUR	
22939		XA323	07			XA323	10			16B	9			MUPDGB	24	MUWABA	01	2	TQ2	A3			03A		
22936		XA323	08			XA323	04			16B	9			MUOENO	06	MUWAAA	01	1	TQ2	A1			06A		
22940		XA323	09										J	MUWABA	01	MUWABA	00	1	TQ2	A3			04B	MUWEBB BUSS	
23011		XA323	09			XA217	79			16B	9		P	MUWABA	06	MUWEBB	01	1	TQ2	A3			04B	BIT ANTI-COIN CUR	
22937		XA323	10			XA323	13			16B	9			MUPDGB	25	MUWAAA	01	2	TQ2	A1			07A		
22961		XA323	11			XA323	08			16B	9			MUOENO	05	MUWBBA	01	1	TQ2	A4			05B		
08727		XA323	12											+5V	01				TQ2						
22962		XA323	13			XA323	20			16B	9			MUPDGB	26	MUWBBA	01	2	TQ2	A4			06B		
22964		XA323	14										J	MUWBCA	01	MUWBCA	00	1	TQ2	B2			09A	MUWECB BUSS	
23013		XA323	14			XA323	22			16B	9		P	MUWBCA	03	MUWECB	02	1	TQ2	B2			09A		
22963		XA323	15										J	MUWBBA	01	MUWBBA	00	1	TQ2	A4			07B	MUWEBB BUSS	
23012		XA323	15			XA323	09			16B	9		P	MUWBBA	05	MUWEBB	02	1	TQ2	A4			07B		
08728		XA323	16											GND	01				TQ2				01B		
23042		XA323	17			XA323	11			16B	9			MUOENO	04	MUOENA	01	1	TQ2	B3			08B		
22965		XA323	18			XA323	17			16B	9			MUOENO	03	MUWBCA	01	1	TQ2	B2			10A		
23043		XA323	19			XA315	73			16B	9			SPI015	09	MUOENA	01	2	TQ2	B3			09B		
22966		XA323	20			XA323	26			16B	9			MUPDGB	27	MUWBCA	01	2	TQ2	B2			11A		
23044		XA323	21											MUOENA	07	MUOENA	00	1	TQ2	B3			10B	BIT ANTI-COIN CUR	
22941		XA323	22										J	MUWACA	01	MUWACA	00	1	TQ2	B1			12A	MUWECB BUSS	
23014		XA323	22			XA317	20			16B	9		P	MUWACA	04	MUWECB	01	1	TQ2	B1			12A	BIT ANTI-COIN CUR	
23208		XA323	23											MRA30Q	02	MWEANA	01	1	TQ2	B4			11B		
22942		XA323	24			XA323	18			16B	9			MUOENO	02	MUWACA	01	1	TQ2	B1			13A		
23209		XA323	25			XA320	51			16B	9			MWENTO	01	MWEANA	01	2	TQ2	B4			12B		
22943		XA323	26			XA240	79			16B	9			MUPDGB	28	MUWACA	01	2	TQ2	B1			14A		
23210		XA323	27											MWEANA	02	MWEANA	00	1	TQ2	B4			13B	READ COIN *	
08729		XA323	28											+5V	01				TQ2						
21109		XA323	29											MRMOOP	03	MPCWMA	01	1	TQ2	C3			14B		
22788		XA323	30											MURDTO	05	MURDTO	00	1	TQ2	C2			15A	BIT READ SRCE IMG	
21110		XA323	31			XA324	09			16B	9			MRMO1P	02	MPCWMA	01	2	TQ2	C3			15B		
08730		XA323	32											GND	01				TQ2				20B		
21111		XA323	33			XA434	04			16B	9			MPCWMA	04	MPCWMA	00	1	TQ2	C3			16B	CW MODE *	
22789		XA323	34											MURDTA	02	MURDTO	01	1	TQ2	C2			16A		
21372		XA323	35			XA323	31			16B	9			MRMO1P	01	MPRMWA	01	1	TQ2	C4			17B		
22790		XA323	36			XA323	43			16B	9			SPI015	39	MURDTO	01	2	TQ2	C2			17A		
21373		XA323	37			XA323	47			16B	9			MPMRFB	15	MPRMWA	01	2	TQ2	C4			18B		
23211		XA323	38			XA320	43			16B	9			MWEBNA	01	MWEBNA	00	1	TQ2	C1			18A	READ ANTI COIN *	
21374		XA323	39			XA237	68			16B	9			MPRMWA	01	MPRMWA	00	1	TQ2	C4			19B	RM & CW MODE *	
23212		XA323	40			XA235	45			16B	9			MWENTA	02	MWEBNA	01	1	TQ2	C1			19A		
21564		XA323	41			XA235	63			16B	9			MTR010	03	MRDRCA	01	1	TQ2	D3			22B		
23213		XA323	42			XA228	66			16B	9			MRA30P	01	MWEBNA	01	2	TQ2	C1			20A		
21565		XA323	43							16B	9			SPI015	40	MRDRCA	01	2	TQ2	D3			23B		
08731		XA323	44											GND	01				TQ2				21B		

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RECORD NUMBER	FROM PREFIX	FROM CONNECTOR	FROM PIN	FROM SH FG	TO PREFIX	TO CONNECTOR	TO PIN	TO SH FG	WIRE MULTI GROUP	WIRE CODE	WIRE COLOR	WIRE IDENT	SPECIAL INST	SIGNAL	SEQ NO	EQUATION	TERM	FACTOR	CKT OR CHIP TYPE	GROUP	LOAD OF POWER PLANE	TEST POINTS AND OR	SIGNAL DESCRIPTION	ECO NO
21566		XA323	45			XA326	41			16B	9			MRDRCA	01	MRDRCA	00	1	TQ2	D3		24B	DATA REG RESET	
21561		XA323	46			XA325	51			16B	9			MRDRBA	09	MRDRBA	00	1	TQ2	D2		21A	DATA REG RESET	
21378		XA323	47			XA434	42			16B	9			MPMRFB	16	MPRRMA	01	1	TQ2	D4		25B		
21562		XA323	48			XA323	41			16B	9			MTR010	02	MRDRBA	01	1	TQ2	D2		22A		
21379		XA323	49			XA335	76			16B	9			MRM00Q	02	MPRRMA	01	2	TQ2	D4		26B		
21563		XA323	50			XA323	36			16B	9			SPI015	35	MRDRBA	01	2	TQ2	D2		23A		
21380		XA323	51											MPRRMA	02	MPRRMA	00	1	TQ2	D4		27B	RR & RM MODE *	
21558		XA323	52			XA324	41			16B	9			MRDRAA	06	MRDRAA	00	1	TQ2	D1		24A	DATA REG RESET	
21549		XA323	53			XA338	17			16B	9			MPSBRR	05	MRDCC0	01	1	TQ2	E3		28B		
21559		XA323	54			XA323	48			16B	9			MTR010	01	MRDRAA	01	1	TQ2	D1		25A		
21550		XA323	55			XA323	50			16B	9			SPI015	34	MRDCC0	01	2	TQ2	E3		29B		
21560		XA323	56			XA323	55			16B	9			SPI015	33	MRDRAA	01	2	TQ2	D1		26A		
21551		XA323	57			XA325	79			16B	9			MRDCC0	01	MRDCC0	00	1	TQ2	E3		30B	DATA REG CLOCK	
08732		XA323	58											GND	01				TQ2			27A		
21552		XA323	59			XA323	53			16B	9			MPSBRR	04	MRDCD0	01	1	TQ2	E4		31B		
21546		XA323	60			XA324	72			16B	9			MRDCB0	06	MRDCB0	00	1	TQ2	E2		28A	DATA REG CLOCK	
21553		XA323	61			XA323	76			16B	9			SPI016	27	MRDCD0	01	2	TQ2	E4		32B		
21547		XA323	62			XA323	59			16B	9			MPSBRR	03	MRDCB0	01	1	TQ2	E2		29A		
21554		XA323	63											MRDCD0	08	MRDCD0	00	1	TQ2	E4		33B	DATA REG CLOCK	
21548		XA323	64			XA323	65			16B	9			SPI015	32	MRDCB0	01	2	TQ2	E2		30A		
08733		XA323	65			XA323	56			16B	9			SPI015	322		01	1	TQ2	F3		34B		
21543		XA323	66			XA324	70			16B	9			MRDCA0	01	MRDCA0	00	1	TQ2	E1		31A	DATA REG CLOCK	
08734		XA323	67											GND	01				TQ2			40A		
21544		XA323	68			XA323	62			16B	9			MPSBRR	02	MRDCA0	01	1	TQ2	E1		32A		
08735		XA323	69											SPO	01		00	1	TQ2	F3		35A		
21545		XA323	70			XA323	64			16B	9			SPI015	31	MRDCA0	01	2	TQ2	E1		33A		
08736		XA323	71			XA323	70			16B	9			SPI015	305		01	1	TQ2	F2		36A		
08737		XA323	72											SPO	02		00	1	TQ2	F2		34A	OVER TEMP	
08738		XA323	73											SPI017	33		01	2	TQ2	F2		36B		
08739		XA323	74			XA323	78			16B	9			SPI014	19		01	2	TQ2	F3		35B		
21555		XA323	75											MRDCE0	06	MRDCE0	00	1	TQ2	F1		37B	DATA REG CLOCK	
08740		XA323	76			XA323	79			16B	9			SPI016	29		01	1	TQ2	F4		37A		
21556		XA323	77			XA323	68			16B	9			MPSBRR	01	MRDCE0	01	1	TQ2	F1		38B		
08741		XA323	78			XA320	76			16B	9			SPI014	20		01	2	TQ2	F4		38A		
21557		XA323	79											SPI016	30	MRDCE0	01	2	TQ2	F1		39B		
08742		XA323	80											SPO	01		00	1	TQ2	F4		39A		
21776		XA324	01			XA324	10			16B	9			MRACAA	05	MRM01N	01	1	TDD	BN		02B		
08743		XA324	02											GND	01				TDD			01B		
21779		XA324	03											SPI004	31	MRM01Q	01	1	TDD	BQ		02A		
21777		XA324	04			XA323	73			16B	9			SPI017	32	MRM01P	01	1	TDD	BP		04A		
21775		XA324	05			XA329	01			16B	9			MPP01B4	05	MRM01I	01	1	TDD	BI		03B		
21771		XA324	06			XA323	61			16B	9			SPI016	26	MRM00P	01	1	TDD	AP		05A		
21780		XA324	07										M	MRM01Q	01	MRM01Q	00	1	TDD	BQ		03A	BIT 01 MODE REG *	
21769		XA324	08											MPP00B4	07	MRM00I	01	1	TDD	AI		06A		
21778		XA324	09			XA335	69			16B	9			MRM01P	03	MRM01P	00	1	TDD	BP		04B	BIT 01 MODE REG	
21770		XA324	10											MRACAA	06	MRM00N	01	1	TDD	AN		07A		
21772		XA324	11			XA323	29			16B	9			MRM00P	02	MRM00P	00	1	TDD	AP		05B	BIT 00 MODE REG	
08744		XA324	12											+5V	01				TDD					
CONNECTOR XA324 CONTINUED ON THE NEXT PAGE ****																								

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RECORD NUMBER	FROM PREFIX	FROM CONNECTOR	FROM PIN	FROM SHIELD	TO PREFIX	TO CONNECTOR	TO PIN	TO SHIELD	WIRE WIRE GROUP	WIRE CODE	WIRE COLOR	WIRE DENS	SPEC NOTE	SIGNAL	SEQ NO	EQUATION	TERM TYPE	TERM LATCH	CKT OR CHIP TYPE	GROUP	LOAD OR POWER PLANE	TEST POINTS AND	TEST POINTS OR	SIGNAL DESCRIPTION	ECO NO
21773		XA324	13			XA323	49			16B	9			MRM00Q	01	MRM00Q	00	1	TDD	AQ		06B		BIT 00 MODE REG *	
21580		XA324	14											MRDCA0	08	MRD01N	01	1	TDD	DN		09A			
21774		XA324	15			XA323	74			16B	9			SPI014	15	MRM00Q	01	1	TDD	AQ		07B			
08745		XA324	16											GND	01				TDD			20B			
21583		XA324	17			XA325	03			16B	9			MRDRAA	14	MRD01Q	01	1	TDD	DQ		08B			
21579		XA324	18			XA324	05			16B	9			MPP01B4	04	MRD01I	01	1	TDD	DI		10A			
21584		XA324	19										M	MRD01Q	01	MRD01Q	00	1	TDD	DQ		09B		BIT 01 DATA REG *	
21581		XA324	20											MSD01A	05	MRD01P	01	1	TDD	DP		11A			
21582		XA324	21			XA222	51			16B	9			MRD01P	04	MRD01P	00	1	TDD	DP		10B		BIT 01 DATA REG	
21575		XA324	22											MSD00A	05	MRD00P	01	1	TDD	CP		12A			
21576		XA324	23			XA222	49			16B	9			MRD00P	04	MRD00P	00	1	TDD	CP		11B		BIT 00 DATA REG	
21573		XA324	24			XA324	08			16B	9			MPP00B4	06	MRD00I	01	1	TDD	CI		13A			
21577		XA324	25										M	MRD00Q	01	MRD00Q	00	1	TDD	CQ		12B		BIT 00 DATA REG *	
21574		XA324	26			XA324	14			16B	9			MRDCA0	07	MRD00N	01	1	TDD	CN		14A			
21578		XA324	27			XA325	27			16B	9			MRDRAA	10	MRD00Q	01	1	TDD	CQ		13B			
08746		XA324	28											+5V	01				TDD						
21595		XA324	29			XA324	27			16B	9			MRDRAA	09	MRD03Q	01	1	TDD	FQ		14B			
21592		XA324	30			XA324	26			16B	9			MRDCA0	06	MRD03N	01	1	TDD	FN		15A			
21596		XA324	31										M	MRD03Q	01	MRD03Q	00	1	TDD	FQ		15B		BIT 03 DATA REG *	
08747		XA324	32											GND	01				TDD			21B			
21593		XA324	33			XA426	04			16B	9			MRD03P	04	MRD03P	00	1	TDD	FP		16B		BIT 03 DATA REG	
21591		XA324	34											MPP03B4	06	MRD03I	01	1	TDD	FI		16A			
21587		XA324	35			XA426	08			16B	9			MRD02P	04	MRD02P	00	1	TDD	EP		17B		BIT 02 DATA REG	
21594		XA324	36			XA348	19			16B	9			MSD03A	01	MRD03P	01	1	TDD	FP		17A		SENSE AMP 03*	
21589		XA324	37										M	MRD02Q	01	MRD02Q	00	1	TDD	EQ		18B		BIT 02 DATA REG *	
21588		XA324	38											MSD02A	05	MRD02P	01	1	TDD	EP		18A			
21590		XA324	39			XA324	29			16B	9			MRDRAA	08	MRD02Q	01	1	TDD	EQ		19B			
21585		XA324	40			XA328	39			16B	9			MPP02B4	01	MRD02I	01	1	TDD	EI		19A			
21607		XA324	41			XA324	39			16B	9			MRDRAA	07	MRD05Q	01	1	TDD	HQ		22B			
21586		XA324	42			XA324	30			16B	9			MRDCA0	05	MRD02N	01	1	TDD	EN		20A			
21608		XA324	43										M	MRD05Q	01	MRD05Q	00	1	TDD	HQ		23B		BIT 05 DATA REG *	
08748		XA324	44											GND	01				TDD			27A			
21605		XA324	45			XA318	56			16B	9			MRD05P	03	MRD05P	00	1	TDD	HP		24B		BIT 05 DATA REG	
21604		XA324	46			XA324	42			16B	9			MRDCA0	04	MRD05N	01	1	TDD	HN		21A			
21599		XA324	47			XA426	31			16B	9			MRD04P	04	MRD04P	00	1	TDD	GP		25B		BIT 04 DATA REG	
21603		XA324	48											MPP05B4	06	MRD05I	01	1	TDD	HI		22A			
21601		XA324	49										M	MRD04Q	01	MRD04Q	00	1	TDD	GQ		26B		BIT 04 DATA REG *	
21606		XA324	50											MSD05A	05	MRD05P	01	1	TDD	HP		23A			
21602		XA324	51			XA323	52			16B	9			MRDRAA	05	MRD04Q	01	1	TDD	GQ		27B			
21600		XA324	52			XA347	80			16B	9			MSD04A	01	MRD04P	01	1	TDD	GP		24A		SENSE AMP 04*	
21619		XA324	53			XA324	51			16B	9			MRDRAA	04	MRD07Q	01	1	TDD	KQ		28B			
21597		XA324	54											MPP04B4	06	MRD04I	01	1	TDD	GI		25A			
21620		XA324	55										M	MRD07Q	01	MRD07Q	00	1	TDD	KQ		29B		BIT 07 DATA REG *	
21598		XA324	56			XA324	46			16B	9			MRDCA0	03	MRD04N	01	1	TDD	GN		26A			
21617		XA324	57			XA426	34			16B	9			MRD07P	04	MRD07P	00	1	TDD	KP		30B		BIT 07 DATA REG	
08749		XA324	58											GND	01				TDD			40A			
21611		XA324	59			XA426	38			16B	9			MRD06P	04	MRD06P	00	1	TDD	JP		31B		BIT 06 DATA REG	
21616		XA324	60			XA323	60			16B	9			MRDCB0	05	MRD07N	01	1	TDD	KN		28A			
21613		XA324	61										M	MRD06Q	01	MRD06Q	00	1	TDD	JQ		32B		BIT 06 DATA REG *	
21615		XA324	62											MPP07B4	06	MRD07I	01	1	TDD	KI		29A			
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RECORD NUMBER	FROM PREFIX	FROM CONNECTOR	FROM PIN	FROM SH FG	TO PREFIX	TO CONNECTOR	TO PIN	TO SH FG	WIRE MULTI GROUP	WIRE CODE	WIRE COLOR	WIRE IDENT	SPEC TEST MISC	SIGNAL	SEC NO	EQUATION	TERM	FACTOR	CKT OR CHIP TYPE	GROUP	LOAD CP POWER PLANE	TEST POINTS ANC	TEST POINTS OR	SIGNAL DESCRIPTION	ECO NO
21614		XA324	63			XA324	53			16B	9			MRDRAA	03	MRD06Q	01	1	TDD	JQ		33B			
21618		XA324	64											MSD07A	05	MRD07P	01	1	TDD	KP		30A			
21631		XA324	65			XA324	63			16B	9			MRDRAA	02	MRD09Q	01	1	TDD	MQ		34B			
21612		XA324	66											MSD06A	05	MRD06P	01	1	TDD	JP		31A			
08750		XA324	67											GND	01				TDD			40B			
21609		XA324	68											MPP06B4	06	MRD06I	01	1	TDD	JI		32A			
21629		XA324	69			XA224	51			16B	9			MRD09P	04	MRD09P	00	1	TDD	MP		35A		BIT 09 DATA REG	
21610		XA324	70			XA324	56			16B	9			MRDCA0	02	MRD06N	01	1	TDD	JN		33A			
21627		XA324	71											MPP09B4	06	MRD09I	01	1	TDD	MI		36A			
21628		XA324	72			XA324	79			16B	9			MRDCB0	07	MRD09N	01	1	TDD	MN		34A			
21630		XA324	73			XA250	80			16B	9			MSD09A	01	MRD09P	01	1	TDD	MP		36B		SENSE AMP 09*	
21632		XA324	74										M	MRD09Q	01	MRD09Q	00	1	TDD	MQ		35B		BIT 09 DATA REG *	
21623		XA324	75											MSD08A	05	MRD08P	01	1	TDD	LP		37B			
21624		XA324	76			XA318	49			16B	9			MRD08P	03	MRD08P	00	1	TDD	LP		37A		BIT 08 DATA REG	
21621		XA324	77											MPP08B4	06	MRD08I	01	1	TDD	LI		38B			
21625		XA324	78										M	MRD08Q	01	MRD08Q	00	1	TDD	LQ		38A		BIT 08 DATA REG *	
21622		XA324	79											MRDCB0	08	MRD08N	01	1	TDD	LN		39B			
21626		XA324	80			XA324	65			16B	9			MRDRAA	01	MRD08Q	01	1	TDD	LQ		39A			
21640		XA325	01			XA325	10			16B	9			MRDCB0	01	MRD11N	01	1	TDD	BN		02B			
08751		XA325	02											GND	01				TDD			01B			
21643		XA325	03											MRDRAA	15	MRD11Q	01	1	TDD	BQ		02A			
21641		XA325	04											MSD11A	05	MRD11P	01	1	TDD	BP		04A			
21639		XA325	05											MPP11B4	06	MRD11I	01	1	TDD	BI		03B			
21635		XA325	06											MSD10A	05	MRD10P	01	1	TDD	AP		05A			
21644		XA325	07										M	MRD11Q	01	MRD11Q	00	1	TDD	BQ		03A		BIT 11 DATA REG *	
21633		XA325	08											MPP10B4	06	MRD10I	01	1	TDD	AI		06A			
21642		XA325	09			XA318	55			16B	9			MRD11P	03	MRD11P	00	1	TDD	BP		04B		BIT 11 DATA REG	
21634		XA325	10			XA325	14			16B	9			MRDCB0	02	MRD10N	01	1	TDD	AN		07A			
21636		XA325	11			XA318	64			16B	9			MRD10P	03	MRD10P	00	1	TDD	AP		05B		BIT 10 DATA REG	
08752		XA325	12											+5V	01				TDD						
21637		XA325	13										M	MRD10Q	01	MRD10Q	00	1	TDD	AQ		06B		BIT 10 DATA REG *	
21652		XA325	14			XA325	26			16B	9			MRDCB0	03	MRD13N	01	1	TDD	DN		09A			
21638		XA325	15			XA324	17			16B	9			MRDRAA	13	MRD10Q	01	1	TDD	AQ		07B			
08753		XA325	16											GND	01				TDD			20B			
21655		XA325	17			XA325	15			16B	9			MRDRAA	12	MRD13Q	01	1	TDD	DQ		08B			
21651		XA325	18											MPP13B4	06	MRD13I	01	1	TDD	DI		10A			
21656		XA325	19										M	MRD13Q	01	MRD13Q	00	1	TDD	DQ		09B		BIT 13 DATA REG *	
21653		XA325	20											MSD13A	05	MRD13P	01	1	TDD	DP		11A			
21654		XA325	21			XA318	79			16B	9			MRD13P	03	MRD13P	00	1	TDD	DP		10B		BIT 13 DATA REG	
21647		XA325	22											MSD12A	05	MRD12P	01	1	TDD	CP		12A			
21648		XA325	23			XA318	61			16B	9			MRD12P	03	MRD12P	00	1	TDD	CP		11B		BIT 12 DATA REG	
21645		XA325	24			XA329	52			16B	9			MPP12B4	01	MRD12I	01	1	TDD	CI		13A			
21649		XA325	25										M	MRD12Q	01	MRD12Q	00	1	TDD	CQ		12B		BIT 12 DATA REG *	
21646		XA325	26			XA324	60			16B	9			MRDCB0	04	MRD12N	01	1	TDD	CN		14A			
21650		XA325	27			XA325	17			16B	9			MRDRAA	11	MRD12Q	01	1	TDD	CQ		13B			
08754		XA325	28											+5V	01				TDD						
21667		XA325	29			XA326	27			16B	9			MRDRBA	03	MRD15Q	01	1	TDD	FQ		14B			
21664		XA325	30											MRDCC0	08	MRD15N	01	1	TDD	FN		15A			
CONNECTOR XA325) CONTINUED ON THE NEXT PAGE ****																									

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DRAWING NUMBER 149304-880 UNIT ASSEMBLY NO. 149304 REV G INDEX XA325

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RECORD NUMBER	FROM PREFIX	FROM CONNECTOR	FROM PIN	FROM SH FG	TO PREFIX	TO CONNECTOR	TO PIN	TO SH FG	WIRE MULTI GROUP	WIRE CODE	WIRE COLOR	WIRE IDENT	SHT INST MISC	SIGNAL	SFG NO	EQUATION	TERM FACTOR		CKT OR CHIP TYPE	GROUP	LOAD OR POWER PLANE	TEST POINTS AND/OR	SIGNAL DESCRIPTION	ECO NO
21668		XA325	31										M	MRD15Q	01	MRD15Q	00	1	TDD	FQ		15B	BIT 15 DATA REG *	
08755		XA325	32											GND	01				TDD			21B		
21665		XA325	33			XA318	74			16B	9			MRD15P	03	MRD15P	00	1	TDD	FP		16B	BIT 15 DATA REG	
21663		XA325	34			XA327	51			16B	9			MPP15B4	02	MRD15I	01	1	TDD	FI		16A		
21659		XA325	35			XA318	73			16B	9			MRD14P	03	MRD14P	00	1	TDD	EP		17B	BIT 14 DATA REG	
21666		XA325	36											MSD15A	05	MRD15P	01	1	TDD	FP		17A		
21661		XA325	37										M	MRD14Q	01	MRD14Q	00	1	TDD	EQ		18B	BIT 14 DATA REG *	
21660		XA325	38											MSD14A	05	MRD14P	01	1	TDD	EP		18A		
21662		XA325	39			XA325	41			16B	9			MRDRBA	07	MRD14Q	01	1	TDD	EQ		19B		
21657		XA325	40			XA329	45			16B	9			MPP14B4	02	MRD14I	01	1	TDD	EI		19A		
21679		XA325	41			XA323	46			16B	9			MRDRBA	08	MRD17Q	01	1	TDD	HQ		22B		
21658		XA325	42			XA325	30			16B	9			MRDCC0	07	MRD14N	01	1	TDD	EN		20A		
21680		XA325	43										M	MRD17Q	01	MRD17Q	00	1	TDD	HQ		23B	BIT 17 DATA REG *	
08756		XA325	44											GND	01				TDD			27A		
21677		XA325	45			XA425	13			16B	9			MRD17P	04	MRD17P	00	1	TDD	HP		24B	BIT 17 DATA REG	
21676		XA325	46			XA325	42			16B	9			MRDCC0	06	MRD17N	01	1	TDD	HN		21A		
21671		XA325	47			XA221	49			16B	9			MRD16P	04	MRD16P	00	1	TDD	GP		25B	BIT 16 DATA REG	
21675		XA325	48			XA327	60			16B	9			MPP17B4	02	MRD17I	01	1	TDD	HI		22A		
21673		XA325	49										M	MRD16Q	01	MRD16Q	00	1	TDD	GQ		26B	BIT 16 DATA REG *	
21678		XA325	50											MSD17A	05	MRD17P	01	1	TDD	HP		23A		
21674		XA325	51			XA325	53			16B	9			MRDRBA	10	MRD16Q	01	1	TDD	GQ		27B		
21672		XA325	52											MSD16A	05	MRD16P	01	1	TDD	GP		24A		
21691		XA325	53			XA326	51			16B	9			MRDRBA	11	MRD19Q	01	1	TDD	KQ		28B		
21669		XA325	54			XA327	66			16B	9			MPP16B4	02	MRD16I	01	1	TDD	GI		25A		
21692		XA325	55										M	MRD19Q	01	MRD19Q	00	1	TDD	KQ		29B	BIT 19 DATA REG *	
21670		XA325	56			XA325	46			16B	9			MRDCC0	05	MRD16N	01	1	TDD	GN		26A		
21689		XA325	57			XA317	37			16B	9			MRD19P	03	MRD19P	00	1	TDD	KP		30B	BIT 19 DATA REG	
08757		XA325	58											GND	01				TDD			40A		
21683		XA325	59			XA317	31			16B	9			MRD18P	03	MRD18P	00	1	TDD	JP		31B	BIT 18 DATA REG	
21688		XA325	60			XA325	56			16B	9			MRDCC0	04	MRD19N	01	1	TDD	KN		28A		
21685		XA325	61										M	MRD18Q	01	MRD18Q	00	1	TDD	JQ		32B	BIT 18 DATA REG *	
21687		XA325	62											MPP19B4	07	MRD19I	01	1	TDD	KI		29A		
21686		XA325	63			XA325	65			16B	9			MRDRBA	13	MRD18Q	01	1	TDD	JQ		33B		
21690		XA325	64											MSD19A	05	MRD19P	01	1	TDD	KP		30A		
21703		XA325	65			XA325	80			16B	9			MRDRBA	14	MRD21Q	01	1	TDD	MQ		34B		
21684		XA325	66			XA446	19			16B	9			MSD18A	01	MRD18P	01	1	TDD	JP		31A	SENSE AMP 18*	
08758		XA325	67											GND	01				TDD			40B		
21681		XA325	68			XA327	57			16B	9			MPP18B4	01	MRD18I	01	1	TDD	JI		32A		
21701		XA325	69			XA317	50			16B	9			MRD21P	03	MRD21P	00	1	TDD	MP		35A	BIT 21 DATA REG	
21682		XA325	70			XA325	60			16B	9			MRDCC0	03	MRD18N	01	1	TDD	JN		33A		
21699		XA325	71			XA327	72			16B	9			MPP21B4	01	MRD21I	01	1	TDD	MI		36A		
21700		XA325	72			XA323	63			16B	9			MRDCD0	07	MRD21N	01	1	TDD	MN		34A		
21702		XA325	73											MSD21A	05	MRD21P	01	1	TDD	MP		36B		
21704		XA325	74										M	MRD21Q	01	MRD21Q	00	1	TDD	MQ		35B	BIT 21 DATA REG *	
21695		XA325	75											MSD20A	05	MRD20P	01	1	TDD	LP		37B		
21696		XA325	76			XA317	56			16B	9			MRD20P	03	MRD20P	00	1	TDD	LP		37A	BIT 20 DATA REG	
21693		XA325	77											MPP20B4	07	MRD20I	01	1	TDD	LI		38B		
21697		XA325	78										M	MRD20Q	01	MRD20Q	00	1	TDD	LQ		38A	BIT 20 DATA REG *	
21694		XA325	79			XA325	70			16B	9			MRDCC0	02	MRD20N	01	1	TDD	LN		39B		
21698		XA325	80											MRDRBA	15	MRD20Q	01	1	TDD	LQ		39A		

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RECORD NUMBER	FROM PREFIX	FROM CONNECTOR	FROM PIN	FROM SH FG	TO PREFIX	TO CONNECTOR	TO PIN	TO SH FG	WIRE MULTI GROUP	WIRE CODE	WIRE COLOR	WIRE IDENT	SPC INST MISC	SIGNAL	SEQ NO	EQUATION	TERM	FACTOR	CKT OR CHIP TYPE	GROUP	LOAD OF POWER PLANE	TEST POINTS END	TEST POINTS OF	SIGNAL DESCRIPTION	ECO NO
21706		XA326	01			XA326	14			16B	9			MRDCD0	01	MRD22N	01	1	TDD	BN		02B			
08759		XA326	02											GND	01				TDD			01B			
21709		XA326	03			XA326	17			16B	9			MRDRBA	01	MRD22Q	01	1	TDD	BQ		02A			
21707		XA326	04											MSD22A	05	MRD22P	01	1	TDD	BP		04A			
21705		XA326	05			XA327	69			16B	9			MPP22B4	02	MRD22I	01	1	TDD	BI		03B			
19707		XA326	06			XA230	36			16B	9			MPPARA	01	MCENAP1	01	1	TDD	AP		05A			
21710		XA326	07										M	MRD22Q	01	MRD22Q	00	1	TDD	BQ		03A		BIT 22 DATA REG *	
19705		XA326	08			XA324	06			16B	9			SPIQ16	25	MCENAI	01	1	TDD	AI		06A			
21708		XA326	09			XA317	43			16B	9			MRD22P	03	MRD22P	00	1	TDD	BP		04B		BIT 22 DATA REG	
19706		XA326	10			XA421	62			16B	9			MPPCSA1	02	MCENAN	01	1	TDD	AN		07A			
19708		XA326	11			XA334	40			16B	9			MCENAP1	02	MCENAP1	00	1	TDD	AP		05B			
08760		XA326	12											+5V	01				TDD			20B			
19709		XA326	13			XA428	49			16B	9			MCENAQ	01	MCENAQ	00	1	TDD	AQ		06B			
21718		XA326	14			XA326	26			16B	9			MRDCD0	02	MRD24N	01	1	TDD	DN		09A			
19710		XA326	15			XA324	03			16B	9			SPI004	30	MCENAQ	01	1	TDD	AQ		07B			
08761		XA326	16											GND	01				TDD			20B			
21721		XA326	17			XA325	29			16B	9			MRDRBA	02	MRD24Q	01	1	TDD	DQ		08B			
21717		XA326	18			XA327	06			16B	9			MPP24B4	01	MRD24I	01	1	TDD	DI		10A			
21722		XA326	19										M	MRD24Q	01	MRD24Q	00	1	TDD	DQ		09B		BIT 24 DATA REG *	
21719		XA326	20											MSD24A	05	MRD24P	01	1	TDD	DP		11A			
21720		XA326	21			XA317	70			16B	9			MRD24P	03	MRD24P	00	1	TDD	DP		10B		BIT 24 DATA REG	
21713		XA326	22			XA245	80			16B	9			MSD23A	01	MRD23P	01	1	TDD	CP		12A		SENSE AMP 23*	
21714		XA326	23			XA317	49			16B	9			MRD23P	03	MRD23P	00	1	TDD	CP		11B		BIT 23 DATA REG	
21711		XA326	24			XA229	62			16B	9			MPP23B4	06	MRD23I	01	1	TDD	CI		13A			
21715		XA326	25										M	MRD23Q	01	MRD23Q	00	1	TDD	CQ		12B		BIT 23 DATA REG *	
21712		XA326	26			XA326	30			16B	9			MRDCD0	03	MRD23N	01	1	TDD	CN		14A			
21716		XA326	27			XA326	29			16B	9			MRDRBA	04	MRD23Q	01	1	TDD	CQ		13B			
08762		XA326	28											+5V	01				TDD						
21733		XA326	29			XA326	39			16B	9			MRDRBA	05	MRD26Q	01	1	TDD	FQ		14B			
21730		XA326	30			XA326	42			16B	9			MRDCD0	04	MRD26N	01	1	TDD	FN		15A			
21734		XA326	31										M	MRD26Q	01	MRD26Q	00	1	TDD	FQ		15B		BIT 26 DATA REG *	
08763		XA326	32											GND	01				TDD			21B			
21731		XA326	33			XA317	55			16B	9			MRD26P	03	MRD26P	00	1	TDD	FP		16B		BIT 26 DATA REG	
21729		XA326	34			XA327	09			16B	9			MPP26B4	01	MRD26I	01	1	TDD	FI		16A			
21725		XA326	35			XA223	51			16B	9			MRD25P	04	MRD25P	00	1	TDD	EP		17B		BIT 25 DATA REG	
21732		XA326	36											MSD26A	05	MRD26P	01	1	TDD	EP		17A			
21727		XA326	37										M	MRD25Q	01	MRD25Q	00	1	TDD	EQ		18B		BIT 25 DATA REG *	
21726		XA326	38											MSD25A	05	MRD25P	01	1	TDD	EP		18A			
21728		XA326	39			XA325	39			16B	9			MRDRBA	06	MRD25Q	01	1	TDD	EQ		19B			
21723		XA326	40											MPP25B4	07	MRD25I	01	1	TDD	EI		19A			
21745		XA326	41			XA326	53			16B	9			MRDRCA	02	MRD28Q	01	1	TDD	HQ		22B			
21724		XA326	42			XA326	56			16B	9			MRDCD0	05	MRD25N	01	1	TDD	EN		20A			
21746		XA326	43										M	MRD28Q	01	MRD28Q	00	1	TDD	HQ		23B		BIT 28 DATA REG *	
08764		XA326	44											GND	01				TDD			27A			
21743		XA326	45			XA317	79			16B	9			MRD28P	03	MRD28P	00	1	TDD	HP		24B		BIT 28 DATA REG	
21742		XA326	46			XA326	60			16B	9			MRDCE0	01	MRD28N	01	1	TDD	HN		21A			
21737		XA326	47			XA223	50			16B	9			MRD27P	04	MRD27P	00	1	TDD	GP		25B		BIT 27 DATA REG	
21741		XA326	48											MPP28B4	07	MRD28I	01	1	TDD	HI		22A			
21739		XA326	49										M	MRD27Q	01	MRD27Q	00	1	TDD	GQ		26B		BIT 27 DATA REG *	
21744		XA326	50											MSD28A	05	MRD28P	01	1	TDD	HP		23A			
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RECORD NUMBER	FROM PREFIX	FROM CONNECTOR	FROM PIN	FROM SHEET	TO PREFIX	TO CONNECTOR	TO PIN	TO SHEET	WIRE MULTI GROUP	WIRE CODE	WIRE COLOR	WIRE IDENT	SPEC INST MKR	SIGNAL	SEQ NO	EQUATION	TERM	FACTOR	CAT OR CHIP TYPE	GROUP	LOAD OR POWER PLANE	TEST POINTS AND	TEST POINTS OR	SIGNAL DESCRIPTION	ECO NO
21740		XA326	51			XA325	63			16B	9			MRDRBA	12	MRD27Q	01	1	TDD	GQ		27B			
21738		XA326	52											MSD27A	05	MRD27P	01	1	TDD	GP		24A			
21757		XA326	53			XA326	63			16B	9			MRDRCA	03	MRD30Q	01	1	TDD	KQ		28B			
21735		XA326	54			XA327	15			16B	9			MPP27B4	01	MRD27I	01	1	TDD	GI		25A			
21758		XA326	55										M	MRD30Q	01	MRD30Q	00	1	TDD	KQ		29B		BIT 30 DATA REG *	
21736		XA326	56			XA325	72			16B	9			MRDCD0	06	MRD27N	01	1	TDD	GN		26A			
21755		XA326	57			XA223	74			16B	9			MRD30P	04	MRD30P	00	1	TDD	KP		30B		BIT 30 DATA REG	
08765		XA326	58											GND	01				TDD			40A			
21749		XA326	59			XA223	73			16B	9			MRD29P	04	MRD29P	00	1	TDD	JP		31B		BIT 29 DATA REG	
21754		XA326	60			XA326	70			16B	9			MRDCE0	02	MRD30N	01	1	TDD	KN		28A			
21751		XA326	61										M	MRD29Q	01	MRD29Q	00	1	TDD	JQ		32B		BIT 29 DATA REG *	
21753		XA326	62			XA327	21			16B	9			MPP30B4	01	MRD30I	01	1	TDD	KI		29A			
21752		XA326	63			XA326	65			16B	9			MRDRCA	04	MRD29Q	01	1	TDD	JQ		33B			
21756		XA326	64			XA345	80			16B	9			MSD30A	01	MRD30P	01	1	TDD	KP		30A		SENSE AMP 30*	
21571		XA326	65			XA326	80			16B	9			MRDRCA	05	MRD0PQ	01	1	TDD	MQ		34B			
21750		XA326	66											MSD29A	05	MRD29P	01	1	TDD	JP		31A			
08766		XA326	67											GND	01				TDD			40B			
21747		XA326	68			XA327	14			16B	9			MPP29B4	01	MRD29I	01	1	TDD	JI		32A			
21569		XA326	69			XA319	50			16B	9			MRD0PP	03	MRD0PP	00	1	TDD	MP		35A		BIT 0P DATA REG	
21748		XA326	70			XA326	72			16B	9			MRDCE0	03	MRD29N	01	1	TDD	JN		33A			
21567		XA326	71											MPP0PB4	06	MRD0PI	01	1	TDD	MI		36A			
21568		XA326	72			XA326	79			16B	9			MRDCE0	04	MRD0PN	01	1	TDD	MN		34A			
21570		XA326	73			XA343	80			16B	9			MSD0PA	01	MRD0PP	01	1	TDD	MP		36B			
21572		XA326	74										M	MRD0PQ	01	MRD0PQ	00	1	TDD	MQ		35B		BIT 0P DATA REG *	
21761		XA326	75											MSD31A	05	MRD31P	01	1	TDD	LP		37B			
21762		XA326	76			XA223	70			16B	9			MRD31P	04	MRD31P	00	1	TDD	LP		37A		BIT 31 DATA REG	
21759		XA326	77											MPP31B4	06	MRD31I	01	1	TDD	LI		38B			
21763		XA326	78										M	MRD31Q	01	MRD31Q	00	1	TDD	LQ		38A		BIT 31 DATA REG *	
21760		XA326	79			XA323	75			16B	9			MRDCE0	05	MRD31N	01	1	TDD	LN		39B			
21764		XA326	80											MRDRCA	06	MRD31Q	01	1	TDD	LQ		39A			
20432		XA327	01										J	MDP25D	01	MDP25D	00	1	TLD	A2		02B		MPP25B4 BUSS	
21338		XA327	01			XA326	40			16B	9		P	MDP25D	06	MPP25B4	04	1	TLD	A2		02B			
08767		XA327	02											GND	01				TLD			01A			
20435		XA327	03			XA327	04			16B	9			MDENAB	19	MDP26D	01	1	TLD	A3		02A			
20433		XA327	04			XA327	08			16B	9			MDENAB	20	MDP25D	01	1	TLD	A2		04A			
20434		XA327	05			XA422	15			16B	9			MDY250X	01	MDP25D	01	2	TLD	A2		03B			
20429		XA327	06										J	MDP24D	01	MDP24D	00	1	TLD	A1		05A		MPP24B4 BUSS	
21334		XA327	06			XA328	06			16B	9		P	MDP24D	02	MPP24B4	04	1	TLD	A1		05A			
20436		XA327	07											MDY260X	03	MDP26D	01	2	TLD	A3		03A			
20430		XA327	08	3		XA432	60	3		16B	9			MDENAB	21	MDP24D	01	1	TLD	A1		06A			
20437		XA327	09										J	MDP26D	01	MDP26D	00	1	TLD	A3		04B		MPP26B4 BUSS	
21342		XA327	09			XA328	09			16B	9		P	MDP26D	02	MPP26B4	04	1	TLD	A3		04B			
20431		XA327	10			XA422	09			16B	9			MDY240X	01	MDP24D	01	2	TLD	A1		07A			
20438		XA327	11			XA327	03			16B	9			MDENAB	18	MDP27D	01	1	TLD	A4		05B			
08768		XA327	12											+5V	01				TLD						
20439		XA327	13											MDY270X	03	MDP27D	01	2	TLD	A4		06B			
20444		XA327	14										J	MDP29D	01	MDP29D	00	1	TLD	B2		09A		MPP29B4 BUSS	
21354		XA327	14			XA328	14			16B	9		P	MDP29D	02	MPP29B4	04	1	TLD	B2		09A			
CONNECTOR XA327 CONTINUED ON THE NEXT PAGE ****																									

Litton DATA SYSTEMS

DRAWING NUMBER 149304-880 UNIT ASSEMBLY NO. 149304 REV G INDEX XA327

UNIT ASSEMBLY CARD CAGE WIRED, MCU CONNECTOR FILE IDENT T39AMCMU DATE 09-02-82 PAGE 284

RECORD NUMBER	FROM PREFIX	FROM CONNECTOR	FROM PIN	FROM SH FG	TO PREFIX	TO CONNECTOR	TO PIN	TO SH FG	WIRE MULTI GROUP	WIRE CODE	WIRE COLOR	WIRE IDENT	SPC TEST MISC	SIGNAL	REF NO	EQUATION	TERM	FACTOR	CKT OR CHIP TYPE	GROUP	QUAD OR POWER PLANE	TEST POINTS AND/OR	SIGNAL DESCRIPTION	ECO NO
20440		XA327	15										J	MDP27D	01	MDP27D	00	1	TLD	A4		07B	MPP27B4 BUSS	
21346		XA327	15			XA328	15			16B	9		P	MDP27D	02	MPP27B4	04	1	TLD	A4		07B		
08769		XA327	16											GND	01				TLD			01B		
20447		XA327	17			XA327	11			16B	9			MDENAB	17	MDP30D	01	1	TLD	B3		08B		
20445		XA327	18			XA327	17			16B	9			MDENAB	16	MDP29D	01	1	TLD	B2		10A		
20448		XA327	19			XA422	40			16B	9			MDY300X	01	MDP30D	01	2	TLD	B3		09B		
20446		XA327	20			XA422	35			16B	9			MDY290X	01	MDP29D	01	2	TLD	B2		11A		
20449		XA327	21										J	MDP30D	01	MDP30D	00	1	TLD	B3		10B	MPP30B4 BUSS	
21358		XA327	21			XA328	21			16B	9		P	MDP30D	02	MPP30B4	04	1	TLD	B3		10B		
20441		XA327	22										J	MDP28D	01	MDP28D	00	1	TLD	B1		12A	MPP28B4 BUSS	
21350		XA327	22			XA326	48			16B	9		P	MDP28D	06	MPP28B4	04	1	TLD	B1		12A		
08770		XA327	23											MDENBB	17				TLD	B4		11B		
20450		XA327	23			XA328	35			16B	9			MDENBB	01	MDP31D	01	1	TLD	B4		11B		
20442		XA327	24			XA327	18			16B	9			MDENAB	15	MDP28D	01	1	TLD	B1		13A		
20451		XA327	25			XA422	30			16B	9			MDY310X	01	MDP31D	01	2	TLD	B4		12B		
20443		XA327	26			XA422	29			16B	9			MDY280X	01	MDP28D	01	2	TLD	B1		14A		
20452		XA327	27										J	MDP31D	01	MDP31D	00	1	TLD	B4		13B	MPP31B4 BUSS	
21362		XA327	27			XA326	77			16B	9		P	MDP31D	05	MPP31B4	04	1	TLD	B4		13B		
08771		XA327	28											+5V	01				TLD					
23525		XA327	29			XA326	08			16B	9			SPI016	24	SPLD2D4	01	1	TLD	C3		14B		
20283		XA327	30			XA342	55			16B	9			MDGRDD4	13	MDGRDD4	00	1	TLD	C2		15A		
23526		XA327	31			XA324	15			16B	9			SPI014	13	SPLD2D4	01	2	TLD	C3		15B		
08772		XA327	32											GND	01				TLD			21B		
23527		XA327	33			XA342	56			16B	9			SPLD2D4	01	SPLD2D4	00	1	TLD	C3		16B	SPARE	
20284		XA327	34			XA327	29			16B	9			SPI016	23	MDGRDD4	01	1	TLD	C2		16A		
23528		XA327	35			XA327	31			16B	9			SPI014	121	SPLD3D4	01	1	TLD	C4		17B		
20285		XA327	36			XA327	35			16B	9			SPI014	12	MDGRDD4	01	2	TLD	C2		17A		
23529		XA327	37			XA327	34			16B	9			SPI016	22	SPLD3D4	01	2	TLD	C4		18B		
20354		XA327	38										J	MDPOPD	01	MDPOPD	00	1	TLD	C1		18A	MPPOPB4 BUSS	
21234		XA327	38			XA326	71			16B	9		P	MDPOPD	05	MPPOPB4	04	1	TLD	C1		18A		
23530		XA327	39			XA342	61			16B	9			SPLD3D4	01	SPLD3D4	00	1	TLD	C4		19B	SPARE	
20355		XA327	40			XA328	41			16B	9			MDENBB	03	MDPOPD	01	1	TLD	C1		19A		
23522		XA327	41											PWLMPA	21	PWLMPD	01	1	TLD	D3		22B		
20356		XA327	42			XA422	47			16B	9			MDYOP0X	01	MDPOPD	01	2	TLD	C1		20A		
23523		XA327	43			XA327	36			16B	9			SPI014	11	PWLMPD	01	2	TLD	D3		23B		
08773		XA327	44											GND	01				TLD			21A		
20275		XA327	45			XA321	37			16B	9		P	PWLMPD	04	MDGND81	05	1	TLD	D3		24B		
23524		XA327	45							16B	9		J	PWLMPD	01	PWLMPD	00	1	TLD	D3		24B		
08774		XA327	46											SPO	01		00	1	TLD	D2		21A	SPLD6B4 BUSS	
20402		XA327	47			XA328	34			16B	9			MDENAB	12	MDP15D	01	1	TLD	D4		25B		
08775		XA327	48			XA327	37			16B	9			SPI016	20		01	1	TLD	D2		22A		
20403		XA327	49			XA423	30			16B	9			MDY150X	01	MDP15D	01	2	TLD	D4		26B		
08776		XA327	50			XA327	43			16B	9			SPI014	10		01	2	TLD	D2		23A		
20404		XA327	51										J	MDP15D	01	MDP15D	00	1	TLD	D4		27B	MPP15B4 BUSS	
21298		XA327	51			XA329	51			16B	9		P	MDP15D	03	MPP15B4	04	1	TLD	D4		27B		
08777		XA327	52											SPO	01		00	1	TLD	D1		24A		
20411		XA327	53			XA327	47			16B	9			MDENAB	11	MDP18D	01	1	TLD	E3		28B		
08778		XA327	54			XA327	48			16B	9			SPI016	19		01	1	TLD	D1		25A		
20412		XA327	55			XA423	57			16B	9			MDY180X	01	MDP18D	01	2	TLD	E3		29B		
08779		XA327	56			XA327	50			16B	9			SPI014	09		01	2	TLD	D1		26A		
CONNECTOR (XA327) CONTINUED ON THE NEXT PAGE ****																								

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RECORD NUMBER	FROM PREFIX	FROM CONNECTOR	FROM PIN	FROM SH TO	TO PREFIX	TO CONNECTOR	TO PIN	TO SH TO	MULTI GROUP	WIRE CODE	WIRE COLOR	WIRE IDENT	SPC INST NO	SIGNAL	SPC NO	EQUATION	TERM FACTOR		CKT OR CHIP TYPE	GROUP	LOAD OR POWER PLANE	TEST POINTS AND OR	SIGNAL DESCRIPTION	ECO NO
20413		XA327	57										J	MDP18D	01	MDP18D	00	1	TLD	E3		30B	MPP18B4 BUSS	
21310		XA327	57			XA329	57			16B	9		P	MDP18D	02	MPP18B4	04	1	TLD	E3		30B		
08780		XA327	58											GND	01				TLD			40A		
20414		XA327	59			XA327	53			16B	9			MDENAB	10	MDP19D	01	1	TLD	E4		31B		
20408		XA327	60										J	MDP17D	01	MDP17D	00	1	TLD	E2		28A	MPP17B4 BUSS	
21306		XA327	60			XA329	60			16B	9		P	MDP17D	03	MPP17B4	04	1	TLD	E2		28A		
20415		XA327	61			XA423	48			16B	9			MDY190X	01	MDP19D	01	2	TLD	E4		32B		
20409		XA327	62			XA327	59			16B	9			MDENAB	09	MDP17D	01	1	TLD	E2		29A		
20416		XA327	63										J	MDP19D	01	MDP19D	00	1	TLD	E4		33B	MPP19B4 BUSS	
21314		XA327	63			XA325	62			16B	9		P	MDP19D	06	MPP19B4	04	1	TLD	E4		33B		
20410		XA327	64			XA423	56			16B	9			MDY170X	01	MDP17D	01	2	TLD	E2		30A		
20423		XA327	65			XA327	68			16B	9			MDENAB	07	MDP22D	01	1	TLD	F3		34B		
20405		XA327	66										J	MDP16D	01	MDP16D	00	1	TLD	E1		31A	MPP16B4 BUSS	
21302		XA327	66			XA329	66			16B	9		P	MDP16D	03	MPP16B4	04	1	TLD	E1		31A		
08781		XA327	67											GND	01				TLD					
20406		XA327	68			XA327	62			16B	9			MDENAB	08	MDP16D	01	1	TLD	E1		32A		
20424		XA327	69										J	MDP22D	01	MDP22D	00	1	TLD	F3		35A	MPP22B4 BUSS	
21326		XA327	69			XA329	69			16B	9		P	MDP22D	03	MPP22B4	04	1	TLD	F3		35A		
20407		XA327	70			XA423	47			16B	9			MDY160X	01	MDP16D	01	2	TLD	E1		33A		
20420		XA327	71			XA327	65			16B	9			MDENAB	06	MDP21D	01	1	TLD	F2		36A		
20421		XA327	72										J	MDP21D	01	MDP21D	00	1	TLD	F2		34A	MPP21B4 BUSS	
21322		XA327	72			XA333	72			16B	9		P	MDP21D	02	MPP21B4	04	1	TLD	F2		34A		
20422		XA327	73			XA423	75			16B	9			MDY210X	01	MDP21D	01	2	TLD	F2		36B		
20425		XA327	74			XA423	76			16B	9			MDY220X	01	MDP22D	01	2	TLD	F3		35B		
20417		XA327	75										J	MDP20D	01	MDP20D	00	1	TLD	F1		37B	MPP20B4 BUSS	
21318		XA327	75			XA325	77			16B	9		P	MDP20D	06	MPP20B4	04	1	TLD	F1		37B		
20426		XA327	76			XA327	77			16B	9			MDENAB	04	MDP23D	01	1	TLD	F4		37A		
20418		XA327	77			XA327	71			16B	9			MDENAB	05	MDP20D	01	1	TLD	F1		38B		
20427		XA327	78			XA423	68			16B	9			MDY230X	01	MDP23D	01	2	TLD	F4		38A		
20419		XA327	79			XA423	69			16B	9			MDY200X	01	MDP20D	01	2	TLD	F1		39B		
20428		XA327	80										J	MDP23D	01	MDP23D	00	1	TLD	F4		39A	MPP23B4 BUSS	
21330		XA327	80			XA329	80			16B	9		P	MDP23D	03	MPP23B4	04	1	TLD	F4		39A		
19874		XA328	01										J	MCP25D	01	MCP25D	00	1	TLD	A2		02B	MPP25B4 BUSS	
21339		XA328	01			XA327	01			16B	9		P	MCP25D	05	MPP25B4	03	1	TLD	A2		02B		
08782		XA328	02											GND	01				TLD			01A		
19877		XA328	03			XA328	04			16B	9			MCENAB	17	MCP26D	01	1	TLD	A3		02A		
19875		XA328	04			XA328	08			16B	9			MCENAB	18	MCP25D	01	1	TLD	A2		04A		
19876		XA328	05			XA425	56			16B	9			MCY250X	01	MCP25D	01	2	TLD	A2		03B		
19871		XA328	06										J	MCP24D	01	MCP24D	00	1	TLD	A1		05A	MPP24B4 BUSS	
21335		XA328	06			XA229	77			16B	9		P	MCP24D	03	MPP24B4	03	1	TLD	A1		05A		
19878		XA328	07			XA434	25			16B	9			MCY260X	01	MCP26D	01	2	TLD	A3		03A		
19872		XA328	08			XA329	08			16B	9			MCENAB	19	MCP24D	01	1	TLD	A1		06A		
19879		XA328	09										J	MCP26D	01	MCP26D	00	1	TLD	A3		04B	MPP26B4 BUSS	
21343		XA328	09			XA330	05			16B	9		P	MCP26D	03	MPP26B4	03	1	TLD	A3		04B		
19873		XA328	10			XA425	47			16B	9			MCY240X	01	MCP24D	01	2	TLD	A1		07A		
19880		XA328	11			XA328	03			16B	9			MCENAB	16	MCP27D	01	1	TLD	A4		05B		
08783		XA328	12											+5V	01				TLD					
19881		XA328	13			XA434	26			16B	9			MCY270X	01	MCP27D	01	2	TLD	A4		06B		

CONNECTOR XA328) CONTINUED ON THE NEXT PAGE ****

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RECORD NUMBER	FROM PREFIX	FROM CONNECTOR	FROM PIN	FROM SHIELD	TO PREFIX	TO CONNECTOR	TO PIN	TO SHIELD	WIRE MULTI GROUP	WIRE CODE	WIRE COLOR	WIRE IDENT	SPEC INST MISC	SIGNAL	SEQ NO	EQUATION	TERM	FACTOR	CKT OR SCHD TYPE	GRP	LOAD OF DONEE PLANE	TEST POINTS ANG	TEST POINTS DIP	SIGNAL DESCRIPTION	ECO NO
19886		XA328	14										J	MCP29D	01	MCP29D	00	1	TLD	B2		09A			
21355		XA328	14			XA332	14			16B	9		P	MCP29D	03	MPP29B4	03	1	TLD	B2		09A			
19882		XA328	15										J	MCP27D	01	MCP27D	00	1	TLD	A4		07B		MPP27B4 BUSS	
21347		XA328	15			XA332	15			16B	9		P	MCP27D	03	MPP27B4	03	1	TLD	A4		07B			
08784		XA328	16											GND	01				TLD			01B			
19889		XA328	17			XA328	11			16B	9			MCENAB	15	MCP30D	01	1	TLD	B3		08B			
19887		XA328	18			XA328	17			16B	9			MCENAB	14	MCP29D	01	1	TLD	B2		10A			
19890		XA328	19			XA425	76			16B	9			MCY30OX	01	MCP30D	01	2	TLD	B3		09B			
19888		XA328	20			XA425	75			16B	9			MCY29OX	01	MCP29D	01	2	TLD	B2		11A			
19891		XA328	21										J	MCP30D	01	MCP30D	00	1	TLD	B3		10B		MPP30B4 BUSS	
21359		XA328	21			XA330	26			16B	9		P	MCP30D	03	MPP30B4	03	1	TLD	B3		10B			
19883		XA328	22										J	MCP28D	01	MCP28D	00	1	TLD	B1		12A		MPP28B4 BUSS	
21351		XA328	22			XA327	22			16B	9		P	MCP28D	05	MPP28B4	03	1	TLD	B1		12A			
19892		XA328	23			XA329	29			16B	9			MCENAB	07	MCP31D	01	1	TLD	B4		11B			
19884		XA328	24			XA328	18			16B	9			MCENAB	13	MCP28D	01	1	TLD	B1		13A			
19893		XA328	25			XA425	68			16B	9			MCY31OX	01	MCP31D	01	2	TLD	B4		12B			
19885		XA328	26			XA425	69			16B	9			MCY28OX	01	MCP28D	01	2	TLD	B1		14A			
19894		XA328	27										J	MCP31D	01	MCP31D	00	1	TLD	B4		13B		MPP31B4 BUSS	
21363		XA328	27			XA327	27			16B	9		P	MCP31D	04	MPP31B4	03	1	TLD	B4		13B			
08785		XA328	28											+5V	01				TLD						
20360		XA328	29			XA327	24			16B	9			MDENAB	14	MDP01D	01	1	TLD	C3		14B			
20357		XA328	30										J	MDP00D	01	MDP00D	00	1	TLD	C2		15A		MPP00B4 BUSS	
21238		XA328	30			XA324	24			16B	9		P	MDP00D	05	MPP00B4	04	1	TLD	C2		15A			
20361		XA328	31			XA432	04			16B	9			MDY01OX	01	MDP01D	01	2	TLD	C3		15B			
08786		XA328	32											GND	01				TLD			21B			
20362		XA328	33										J	MDP01D	01	MDP01D	00	1	TLD	C3		16B		MPP01B4 BUSS	
21242		XA328	33			XA324	18			16B	9		P	MDP01D	03	MPP01B4	04	1	TLD	C3		16B			
20358		XA328	34			XA328	29			16B	9			MDENAB	13	MDP00D	01	1	TLD	C2		16A			
20363		XA328	35			XA327	40			16B	9			MDEN8B	02	MDP02D	01	1	TLD	C4		17B			
20359		XA328	36			XA434	14			16B	9			MDY00OX	01	MDP00D	01	2	TLD	C2		17A			
20364		XA328	37			XA424	57			16B	9			MDY02OX	01	MDP02D	01	2	TLD	C4		18B			
19796		XA328	38										J	MCP0PD	01	MCP0PD	00	1	TLD	C1		18A		MPP0PB4 BUSS	
21235		XA328	38			XA327	38			16B	9		P	MCP0PD	04	MPP0PB4	03	1	TLD	C1		18A			
20365		XA328	39										J	MDP02D	01	MDP02D	00	1	TLD	C4		19B		MPP02B4 BUSS	
21246		XA328	39			XA330	38			16B	9		P	MDP02D	02	MPP02B4	04	1	TLD	C4		19B			
19797		XA328	40			XA329	40			16B	9			MCENBB	10	MCP0PD	01	1	TLD	C1		19A			
20372		XA328	41			XA328	47			16B	9			MDENBB	04	MDP05D	01	1	TLD	D3		22B			
19798		XA328	42			XA424	09			16B	9			MCY0P0X	01	MCP0PD	01	2	TLD	C1		20A			
20373		XA328	43			XA424	75			16B	9			MDY05OX	01	MDP05D	01	2	TLD	D3		23B			
08787		XA328	44											GND	01				TLD			27A			
20374		XA328	45										J	MDP05D	01	MDP05D	00	1	TLD	D3		24B		MPP05B4 BUSS	
21258		XA328	45			XA324	48			16B	9		P	MDP05D	05	MPP05B4	04	1	TLD	D3		24B			
20369		XA328	46										J	MDP04D	01	MDP04D	00	1	TLD	D2		21A		MPP04B4 BUSS	
21254		XA328	46			XA324	54			16B	9		P	MDP04D	05	MPP04B4	04	1	TLD	D2		21A			
20375		XA328	47			XA328	48			16B	9			MDENBB	05	MDP06D	01	1	TLD	D4		25B			
20370		XA328	48			XA328	54			16B	9			MDENBB	06	MDP04D	01	1	TLD	D2		22A			
20376		XA328	49			XA429	24			16B	9			MDY06OX	01	MDP06D	01	2	TLD	D4		26B			
20371		XA328	50			XA424	69			16B	9			MDY04OX	01	MDP04D	01	2	TLD	D2		23A			
20377		XA328	51										J	MDP06D	01	MDP06D	00	1	TLD	D4		27B		MPP06B4 BUSS	
21262		XA328	51			XA324	68			16B	9		P	MDP06D	05	MPP06B4	04	1	TLD	D4		27B			

CONNECTOR (XA328) CONTINUED ON THE NEXT PAGE ****

RECORD NUMBER	FROM PREFIX	FROM CONNECTOR	FROM PIN	FROM SHEG	TO PREFIX	TO CONNECTOR	TO PIN	TO SHEG	WIRE WIRE GROUP	WIRE CODE	WIRE COLOR	WIRE IDENT	SPEC INST MISC	SIGNAL	SEQ NO	EQUATION	TERM	FACTOR	CKT OR CHIP TYPE	GROUP	LOAD OR POWER PLANE	TEST POINTS AND	TEST POINTS OR	SIGNAL DESCRIPTION	ECO NO
20366		XA328	52										J	MDP03D	01	MDP03D	00	1	TLD	D1		24A		MPP03B4 BUSS	
21250		XA328	52			XA332	52			16B	9		P	MDP03D	01	MPP03B4	04	1	TLD	D1		24A			
20384		XA328	53			XA328	59			16B	9			MDENBB	08	MDP09D	01	1	TLD	E3		28B			
20367		XA328	54			XA328	53			16B	9			MDENBB	07	MDP03D	01	1	TLD	D1		25A			
20385		XA328	55			XA429	23			16B	9			MDY090X	01	MDP09D	01	2	TLD	E3		29B			
20368		XA328	56			XA424	48			16B	9			MDY030X	01	MDP03D	01	2	TLD	D1		26A			
20386		XA328	57										J	MDP09D	01	MDP09D	00	1	TLD	E3		30B		MPP09B4 BUSS	
21274		XA328	57			XA324	71			16B	9		P	MDP09D	05	MPP09B4	04	1	TLD	E3		30B			
08788		XA328	58											GND	01				TLD			40A			
20387		XA328	59			XA328	62			16B	9			MDENBB	09	MDP10D	01	1	TLD	E4		31B			
20381		XA328	60										J	MDP08D	01	MDP08D	00	1	TLD	E2		28A		MPP08B4 BUSS	
21270		XA328	60			XA324	77			16B	9		P	MDP08D	05	MPP08B4	04	1	TLD	E2		28A			
20388		XA328	61			XA428	06			16B	9			MDY100X	01	MDP10D	01	2	TLD	E4		32B			
20382		XA328	62			XA328	68			16B	9			MDENBB	10	MDP08D	01	1	TLD	E2		29A			
20389		XA328	63										J	MDP10D	01	MDP10D	00	1	TLD	E4		33B		MPP10B4 BUSS	
21278		XA328	63			XA332	63			16B	9		P	MDP10D	01	MPP10B4	04	1	TLD	E4		33B			
20383		XA328	64			XA429	17			16B	9			MDY080X	01	MDP08D	01	2	TLD	E2		30A			
20396		XA328	65			XA328	71			16B	9			MDENBB	12	MDP13D	01	1	TLD	F3		34B			
20378		XA328	66										J	MDP07D	01	MDP07D	00	1	TLD	E1		31A		MPP07B4 BUSS	
21266		XA328	66			XA324	62			16B	9		P	MDP07D	05	MPP07B4	04	1	TLD	E1		31A			
08789		XA328	67											GND	01				TLD						
20379		XA328	68			XA328	65			16B	9			MDENBB	11	MDP07D	01	1	TLD	E1		32A			
20397		XA328	69										J	MDP13D	01	MDP13D	00	1	TLD	F3		35A		MPP13B4 BUSS	
21290		XA328	69			XA332	69			16B	9		P	MDP13D	01	MPP13B4	04	1	TLD	F3		35A			
20380		XA328	70			XA429	18			16B	9			MDY070X	01	MDP07D	01	2	TLD	E1		33A			
20393		XA328	71			XA328	77			16B	9			MDENBB	13	MDP12D	01	1	TLD	F2		36A			
20394		XA328	72										J	MDP12D	01	MDP12D	00	1	TLD	F2		34A		MPP12B4 BUSS	
21286		XA328	72										P	MDP12D	06	MPP12B4	04	1	TLD	F2		34A			
20395		XA328	73			XA428	09			16B	9			MDY120X	01	MDP12D	01	2	TLD	F2		36B			
20398		XA328	74			XA428	22			16B	9			MDY130X	01	MDP13D	01	2	TLD	F3		35B			
20390		XA328	75										J	MDP11D	01	MDP11D	00	1	TLD	F1		37B		MPP11B4 BUSS	
21282		XA328	75			XA332	75			16B	9		P	MDP11D	01	MPP11B4	04	1	TLD	F1		37B			
20399		XA328	76			XA327	76			16B	9			MDENAB	03	MDP14D	01	1	TLD	F4		37A			
20391		XA328	77			XA432	63			16B	9			MDENBB	14	MDP11D	01	1	TLD	F1		38B			
20400		XA328	78			XA423	40			16B	9			MDY140X	01	MDP14D	01	2	TLD	F4		38A			
20392		XA328	79			XA428	01			16B	9			MDY110X	02	MDP11D	01	2	TLD	F1		39B			
20401		XA328	80										J	MDP14D	01	MDP14D	00	1	TLD	F4		39A		MPP14B4 BUSS	
21294		XA328	80										P	MDP14D	07	MPP14B4	04	1	TLD	F4		39A			
19802		XA329	01										J	MCP01D	01	MCP01D	00	1	TLD	A2		02B		MPP01B4 BUSS	
21243		XA329	01			XA333	01			16B	9		P	MCP01D	06	MPP01B4	03	1	TLD	A2		02B			
08790		XA329	02											GND	01				TLD			01A			
08791		XA329	03											MCENBB	17				TLD	A3		02A			
19805		XA329	03			XA329	11			16B	9			MCENBB	01	MCP02D	01	1	TLD	A3		02A			
19803		XA329	04	3		XA432	46	3		16B	9			MCENAB	21	MCP01D	01	1	TLD	A2		04A			
19804		XA329	05			XA432	08			16B	9			MCY010X	01	MCP01D	01	2	TLD	A2		03B			
19799		XA329	06										J	MCP00D	01	MCP00D	00	1	TLD	A1		05A		MPP00B4 BUSS	
21239		XA329	06			XA330	19			16B	9		P	MCP00D	03	MPP00B4	03	1	TLD	A1		05A			
19806		XA329	07			XA426	10			16B	9			MCY020X	01	MCP02D	01	2	TLD	A3		03A			
CONNECTOR (XA329) CONTINUED ON THE NEXT PAGE ****																									

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Litton DATA SYSTEMS

DRAWING NUMBER 149304-880 UNIT ASSEMBLY NO. 149304 REV G INDEX XA329

UNIT ASSEMBLY CARD CAGE WIRED, MCU CONNECTOR FILE IDENT T39AMCMU DATE 09-02-82 PAGE 288

RECORD NUMBER	FROM PREFIX	FROM CONNECTOR	FROM PIN	FROM SHIELD	TO PREFIX	TO CONNECTOR	TO PIN	TO SHIELD	WIRE MULTI GROUP	WIRE CODE	WIRE COLOR	WIRE IDENT	SPEC INST WIRE	SIGNAL	SEC NO	EQUATION	TERM	FACTOR	CKT OR CHIP TYPE	GROUP	LOAD OR POWER PLANE	TEST POINTS ANDOR	SIGNAL DESCRIPTION	ECO NO
19800		XA329	08			XA329	04			16B	9			MCENAB	20	MCP00D	01	1	TLD	A1		06A		
19807		XA329	09										J	MCP02D	01	MCP02D	00	1	TLD	A3		04B	MPP02B4 BUSS	
21247		XA329	09										P	MCP02D	06	MPP02B4	03	1	TLD	A3		04B		
19801		XA329	10			XA434	22			16B	9			MCY000X	01	MCP00D	01	2	TLD	A1		07A		
19808		XA329	11			XA329	17			16B	9			MCENBB	02	MCP03D	01	1	TLD	A4		05B		
08792		XA329	12											+5V	01				TLD					
19809		XA329	13			XA426	03			16B	9			MCY030X	01	MCP03D	01	2	TLD	A4		06B		
19814		XA329	14										J	MCP05D	01	MCP05D	00	1	TLD	B2		09A	MPP05B4 BUSS	
21259		XA329	14			XA330	29			16B	9		P	MCP05D	02	MPP05B4	03	1	TLD	B2		09A		
19810		XA329	15										J	MCP03D	01	MCP03D	00	1	TLD	A4		07B	MPP03B4 BUSS	
21251		XA329	15			XA330	23			16B	9		P	MCP03D	04	MPP03B4	03	1	TLD	A4		07B		
08793		XA329	16											GND	01				TLD			01B		
19817		XA329	17			XA329	18			16B	9			MCENBB	03	MCP06D	01	1	TLD	B3		08B		
19815		XA329	18			XA329	24			16B	9			MCENBB	04	MCP05D	01	1	TLD	B2		10A		
19818		XA329	19			XA429	08			16B	9			MCY060X	01	MCP06D	01	2	TLD	B3		09B		
19816		XA329	20			XA426	35			16B	9			MCY050X	01	MCP05D	01	2	TLD	B2		11A		
19819		XA329	21										J	MCP06D	01	MCP06D	00	1	TLD	B3		10B	MPP06B4 BUSS	
21263		XA329	21			XA330	42			16B	9		P	MCP06D	02	MPP06B4	03	1	TLD	B3		10B		
19811		XA329	22										J	MCP04D	01	MCP04D	00	1	TLD	B1		12A	MPP04B4 BUSS	
21255		XA329	22			XA333	22			16B	9		P	MCP04D	02	MPP04B4	03	1	TLD	B1		12A		
19820		XA329	23			XA328	23			16B	9			MCENBB	06	MCP07D	01	1	TLD	B4		11B		
19812		XA329	24			XA329	23			16B	9			MCENBB	05	MCP04D	01	1	TLD	B1		13A		
19821		XA329	25			XA429	04			16B	9			MCY070X	01	MCP07D	01	2	TLD	B4		12B		
19813		XA329	26			XA426	29			16B	9			MCY040X	01	MCP04D	01	2	TLD	B1		14A		
19822		XA329	27										J	MCP07D	01	MCP07D	00	1	TLD	B4		13B	MPP07B4 BUSS	
21267		XA329	27			XA330	46			16B	9		P	MCP07D	02	MPP07B4	03	1	TLD	B4		13B		
08794		XA329	28											+5V	01				TLD					
19829		XA329	29			XA329	35			16B	9			MCENBB	08	MCP10D	01	1	TLD	C3		14B		
19826		XA329	30										J	MCP09D	01	MCP09D	00	1	TLD	C2		15A	MPP09B4 BUSS	
21275		XA329	30			XA330	37			16B	9		P	MCP09D	02	MPP09B4	03	1	TLD	C2		15A		
19830		XA329	31			XA431	38			16B	9			MCY100X	01	MCP10D	01	2	TLD	C3		15B		
08795		XA329	32											GND	01				TLD			21B		
19831		XA329	33										J	MCP10D	01	MCP10D	00	1	TLD	C3		16B	MPP10B4 BUSS	
21279		XA329	33			XA325	08			16B	9		P	MCP10D	05	MPP10B4	03	1	TLD	C3		16B		
19827		XA329	34			XA329	48			16B	9			MCENBB	12	MCP09D	01	1	TLD	C2		16A		
19832		XA329	35			XA328	40			16B	9			MCENBB	09	MCP11D	01	1	TLD	C4		17B		
19828		XA329	36			XA429	11			16B	9			MCY090X	01	MCP09D	01	2	TLD	C2		17A		
19833		XA329	37											MCY110X	04	MCP11D	01	2	TLD	C4		18B		
19823		XA329	38										J	MCP08D	01	MCP08D	00	1	TLD	C1		18A	MPP08B4 BUSS	
21271		XA329	38			XA333	38			16B	9		P	MCP08D	02	MPP08B4	03	1	TLD	C1		18A		
19834		XA329	39										J	MCP11D	01	MCP11D	00	1	TLD	C4		19B	MPP11B4 BUSS	
21283		XA329	39			XA325	05			16B	9		P	MCP11D	05	MPP11B4	03	1	TLD	C4		19B		
19824		XA329	40			XA329	34			16B	9			MCENBB	11	MCP08D	01	1	TLD	C1		19A		
19841		XA329	41			XA328	24			16B	9			MCENAB	12	MCP14D	01	1	TLD	D3		22B		
19825		XA329	42			XA429	03			16B	9			MCY080X	01	MCP08D	01	2	TLD	C1		20A		
19842		XA329	43			XA426	76			16B	9			MCY140X	01	MCP14D	01	2	TLD	D3		23B		
08796		XA329	44											GND	01				TLD			27A		
19843		XA329	45										J	MCP14D	01	MCP14D	00	1	TLD	D3		24B	MPP14B4 BUSS	
21295		XA329	45			XA330	45			16B	9		P	MCP14D	03	MPP14B4	03	1	TLD	D3		24B		
19838		XA329	46										J	MCP13D	01	MCP13D	00	1	TLD	D2		21A	MPP13B4 BUSS	

CONNECTOR XA329) CONTINUED ON THE NEXT PAGE ****

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RECORD NUMBER	FROM PREFIX	FROM CONNECTOR	FROM PIN	FROM SH FG	TO PREFIX	TO CONNECTOR	TO PIN	TO SH FG	WIRE MULTI GROUP	WIRE CODE	WIRE COLOR	WIRE IDENT	SPEC INST MISC	SIGNAL	SEQ NO	EQUATION	TERM	FACTOR	CKT OR CHIP TYPE	GROUP	LOAD OR POWER PLANE	TEST POINTS AND	TEST POINTS OR	SIGNAL DESCRIPTION	ECO NO
21291		XA329	46			XA325	18			16B	9		P	MCP13D	05	MPP13B4	03	1	TLD	D2		21A			
19844		XA329	47			XA329	41			16B	9			MCENAB	11	MCP15D	01	1	TLD	D4		25B			
19839		XA329	48			XA329	54			16B	9			MCENBB	13	MCP13D	01	1	TLD	D2		22A			
19845		XA329	49			XA426	68			16B	9			MCY150X	01	MCP15D	01	2	TLD	D4		26B			
19840		XA329	50			XA431	52			16B	9			MCY130X	01	MCP13D	01	2	TLD	D2		23A			
19846		XA329	51										J	MCP15D	01	MCP15D	00	1	TLD	D4		27B		MPP15B4 BUSS	
21299		XA329	51			XA330	41			16B	9		P	MCP15D	04	MPP15B4	03	1	TLD	D4		27B			
19835		XA329	52										J	MCP12D	01	MCP12D	00	1	TLD	D1		24A		MPP12B4 BUSS	
21287		XA329	52			XA330	48			16B	9		P	MCP12D	02	MPP12B4	03	1	TLD	D1		24A			
19853		XA329	53			XA329	47			16B	9			MCENAB	10	MCP18D	01	1	TLD	E3		28B			
19836		XA329	54			XA432	51			16B	9			MCENBB	14	MCP12D	01	1	TLD	D1		25A			
19854		XA329	55			XA425	10			16B	9			MCY180X	01	MCP18D	01	2	TLD	E3		29B			
19837		XA329	56			XA431	33			16B	9			MCY120X	01	MCP12D	01	2	TLD	D1		26A			
19855		XA329	57										J	MCP18D	01	MCP18D	00	1	TLD	E3		30B		MPP18B4 BUSS	
21311		XA329	57			XA333	57			16B	9		P	MCP18D	03	MPP18B4	03	1	TLD	E3		30B			
08797		XA329	58											GND	01				TLD			40A			
19856		XA329	59			XA329	53			16B	9			MCENAB	09	MCP19D	01	1	TLD	E4		31B			
19850		XA329	60										J	MCP17D	01	MCP17D	00	1	TLD	E2		28A		MPP17B4 BUSS	
21307		XA329	60			XA330	56			16B	9		P	MCP17D	04	MPP17B4	03	1	TLD	E2		28A			
19857		XA329	61			XA425	03			16B	9			MCY190X	01	MCP19D	01	2	TLD	E4		32B			
19851		XA329	62			XA329	59			16B	9			MCENAB	08	MCP17D	01	1	TLD	E2		29A			
19858		XA329	63										J	MCP19D	01	MCP19D	00	1	TLD	E4		33B		MPP19B4 BUSS	
21315		XA329	63			XA327	63			16B	9		P	MCP19D	05	MPP19B4	03	1	TLD	E4		33B			
19852		XA329	64			XA425	15			16B	9			MCY170X	01	MCP17D	01	2	TLD	E2		30A			
19865		XA329	65			XA329	68			16B	9			MCENAB	06	MCP22D	01	1	TLD	F3		34B			
19847		XA329	66										J	MCP16D	01	MCP16D	00	1	TLD	E1		31A		MPP16B4 BUSS	
21303		XA329	66			XA330	62			16B	9		P	MCP16D	04	MPP16B4	03	1	TLD	E1		31A			
08798		XA329	67											GND	01				TLD						
19848		XA329	68			XA329	62			16B	9			MCENAB	07	MCP16D	01	1	TLD	E1		32A			
19866		XA329	69										J	MCP22D	01	MCP22D	00	1	TLD	F3		35A		MPP22B4 BUSS	
21327		XA329	69			XA330	66			16B	9		P	MCP22D	04	MPP22B4	03	1	TLD	F3		35A			
19849		XA329	70			XA425	09			16B	9			MCY160X	01	MCP16D	01	2	TLD	E1		33A			
19862		XA329	71			XA329	65			16B	9			MCENAB	05	MCP21D	01	1	TLD	F2		36A			
19863		XA329	72										J	MCP21D	01	MCP21D	00	1	TLD	F2		34A		MPP21B4 BUSS	
21323		XA329	72			XA229	48			16B	9		P	MCP21D	06	MPP21B4	03	1	TLD	F2		34A			
19864		XA329	73			XA425	35			16B	9			MCY210X	01	MCP21D	01	2	TLD	F2		36B			
19867		XA329	74			XA425	40			16B	9			MCY220X	01	MCP22D	01	2	TLD	F3		35B			
19859		XA329	75										J	MCP20D	01	MCP20D	00	1	TLD	F1		37B		MPP20B4 BUSS	
21319		XA329	75			XA327	75			16B	9		P	MCP20D	05	MPP20B4	03	1	TLD	F1		37B			
19868		XA329	76			XA329	77			16B	9			MCENAB	03	MCP23D	01	1	TLD	F4		37A			
19860		XA329	77			XA329	71			16B	9			MCENAB	04	MCP20D	01	1	TLD	F1		38B			
19869		XA329	78			XA425	30			16B	9			MCY230X	01	MCP23D	01	2	TLD	F4		38A			
19861		XA329	79			XA425	29			16B	9			MCY200X	01	MCP20D	01	2	TLD	F1		39B			
19870		XA329	80										J	MCP23D	01	MCP23D	00	1	TLD	F4		39A		MPP23B4 BUSS	
21331		XA329	80			XA330	65			16B	9		P	MCP23D	04	MPP23B4	03	1	TLD	F4		39A			
08799		XA330	01											DNW	01				RR4						
08800		XA330	02											GND	01				RR4						
08801		XA330	02										K	GROUND	17				RR4						

CONNECTOR (XA330) CONTINUED ON THE NEXT PAGE ****

Litton DATA SYSTEMS

DRAWING NUMBER 149304-880 UNIT ASSEMBLY NO. 149304 REV G INDEX XA330

UNIT ASSEMBLY CARD CAGE WIRED, MCU CONNECTOR FILE IDENT T39AMCMU DATE 09-02-82 PAGE 290

RECORD NUMBER	FROM PREFIX	FROM CONNECTOR	FROM PIN	FROM SH FG	TO PREFIX	TO CONNECTOR	TO PIN	TO SH FG	WIRE MULTI GROUP	WIRE CODE	WIRE COLOR	WIRE IDENT	SPEC INST MISC	SIGNAL	SEQ NO	EQUATION	TERM FACTOR	CKT OR CHIP TYPE	GROUP	LOAD OF POWER PLANE	TEST POINTS LAND	TEST POINTS DP	SIGNAL DESCRIPTION	ECO NO
08802		XA330	03			XA342	69			18D	2			+05RES	83			RR4	AP					
08803		XA330	04			XA330	03			18D	2			+05RES	82			RR4	AP					
08804		XA330	05			XA331	09			16B	9			MPP26B4	04			RR4	A3					
08805		XA330	06			XA330	02			16B	9			GROUND	16			RR4	AC					
08806		XA330	07			XA230	05			16B	9			MPP27B4	06			RR4	A4					
08807		XA330	08			XA331	06			16B	9			MPP24B4	05			RR4	A1					
08808		XA330	09			XA332	22			16B	9			MPP28B4	02			RR4	A5					
08809		XA330	10			XA332	01			16B	9			MPP25B4	02			RR4	A2					
08810		XA330	11											DNW	01			RR4						
08811		XA330	12											+5V	01			RR4						
08812		XA330	13			XA330	14			18D	2			+05RES	80			RR4	BP					
08813		XA330	14			XA330	04			18D	2			+05RES	81			RR4	BP					
08814		XA330	15											DNW	01			RR4					KEYWAY	
08815		XA330	16											DNW	01			RR4					KEYWAY	
08816		XA330	17			XA332	38			16B	9			MPP0PB4	01			RR4	B4					
08817		XA330	18			XA330	06			16B	9			GROUND	15			RR4	BC					
08818		XA330	19			XA328	30			16B	9			MPP00B4	04			RR4	B5					
08819		XA330	20			XA230	18			16B	9			MPP29B4	06			RR4	B1					
08820		XA330	21			XA330	13			18D	2			+05RES	79			RR4	CP					
08821		XA330	22			XA330	21			18D	2			+05RES	78			RR4	CP					
08822		XA330	22										K	+05RES	90			RR4	CP					
08823		XA330	23			XA324	34			16B	9			MPP03B4	05			RR4	C3					
08824		XA330	24			XA328	27			16B	9			MPP31B4	03			RR4	B3					
08825		XA330	25			XA329	22			16B	9			MPP04B4	01			RR4	C4					
08826		XA330	26			XA331	21			16B	9			MPP30B4	04			RR4	B2					
08827		XA330	27											DNW	01			RR4						
08828		XA330	28											+5V	01			RR4						
08829		XA330	29			XA332	45			16B	9			MPP05B4	03			RR4	C5					
08830		XA330	30			XA330	18			16B	9			GROUND	14			RR4	CC					
08831		XA330	31											DNW	01			RR4						
08832		XA330	32											GND	01			RR4						
08833		XA330	33			XA330	34			18D	2			+05RES	76			RR4	DP					
08834		XA330	34			XA330	22			18D	2			+05RES	77			RR4	DP					
08835		XA330	35			XA329	38			16B	9			MPP08B4	01			RR4	D3					
08836		XA330	36			XA328	33			16B	9			MPP01B4	02			RR4	C1					
08837		XA330	37			XA332	57			16B	9			MPP09B4	03			RR4	D4					
08838		XA330	38			XA332	39			16B	9			MPP02B4	03			RR4	C2					
08839		XA330	39			XA329	33			16B	9			MPP10B4	04			RR4	D5					
08840		XA330	40			XA330	30			16B	9			GROUND	13			RR4	DC					
08841		XA330	41			XA331	51			16B	9			MPP15B4	05			RR4	E5					
08842		XA330	42			XA332	51			16B	9			MPP06B4	03			RR4	D1					
08843		XA330	43											DNW	01			RR4						
08844		XA330	44											GND	01			RR4						
08845		XA330	45			XA333	45			16B	9			MPP14B4	04			RR4	E4					
08846		XA330	46			XA332	66			16B	9			MPP07B4	03			RR4	D2					
08847		XA330	47			XA329	46			16B	9			MPP13B4	04			RR4	E3					
08848		XA330	48			XA333	52			16B	9			MPP12B4	03			RR4	E2					
08849		XA330	49			XA330	33			18D	2			+05RES	75			RR4	EP					
08850		XA330	50			XA330	49			18D	2			+05RES	74			RR4	EP					
08851		XA330	51			XA333	75			16B	9			MPP20B4	02			RR4	F5					

CONNECTOR XA330 CONTINUED ON THE NEXT PAGE ****

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DRAWING NUMBER 149304-880 UNIT ASSEMBLY NO. 149304 REV G INDEX XA330

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RECORD NUMBER	FROM PREFIX	FROM CONNECTOR	FROM PIN	FROM SHIELD	TO PREFIX	TO CONNECTOR	TO PIN	TO SHIELD	WIRE MULTI GROUP	WIRE CODE	WIRE COLOR	WIRE IDENT	SPECIAL MISC	SIGNAL	SEQ NO	EQUATION	TERM	FACTOR	CKT OR CHIP TYPE	GROUP	LOAD OR POWER PLANE	TEST POINTS AND/OR	SIGNAL DESCRIPTION	ECO NO
08852		XA330	52			XA329	39			16B	9			MPP11B4	04				RR4	E1				
08853		XA330	53			XA333	63			16B	9			MPP19B4	02				RR4	E4				
08854		XA330	54			XA330	40			16B	9			GROUND	12				RR4	EC				
08855		XA330	55			XA229	40			16B	9			MPP18B4	06				RR4	E3				
08856		XA330	56			XA331	60			16B	9			MPP17B4	05				RR4	E2				
08857		XA330	57											DNW	01				RR4				KEYWAY	
08858		XA330	58											DNW	01				RR4				KEYWAY	
08859		XA330	59			XA330	60			18D	2			+05RES	72				RR4	FP				
08860		XA330	60			XA330	50			18D	2			+05RES	73				RR4	FP				
08861		XA330	61			XA228	79			16B	9			SPI002	01				RR4	G5				
08862		XA330	62			XA331	66			16B	9			MPP16B4	05				RR4	F1				
08863		XA330	63											SPI001	33				RR4	G4				
08864		XA330	64			XA330	54			16B	9			GROUND	11				RR4	FC				
08865		XA330	65			XA326	24			16B	9			MPP23B4	05				RR4	G3				
08866		XA330	66			XA331	69			16B	9			MPP22B4	05				RR4	G2				
08867		XA330	67											GND	01				RR4					
08868		XA330	68											DNW	01				RR4					
08869		XA330	69			XA330	59			18D	2			+05RES	71				RR4	GP				
08870		XA330	70			XA330	69			18D	2			+05RES	70				RR4	GP				
08871		XA330	71			XA321	71			16B	9			SPI007	01				RR4	H5				
08872		XA330	72			XA329	72			16B	9			MPP21B4	05				RR4	G1				
08873		XA330	73			XA430	31			16B	9			SPI006	03				RR4	H4				
08874		XA330	74			XA330	64			16B	9			GROUND	10				RR4	GC				
08875		XA330	75			XA338	40			16B	9			SPI005	07				RR4	H3				
08876		XA330	76			XA334	48			16B	9			SPI004	08				RR4	H2				
08877		XA330	77			XA330	74			16B	9			GROUND	09				RR4	HC				
08878		XA330	78			XA229	80			16B	9			SPI003	01				RR4	H1				
08879		XA330	79			XA330	80			18D	2			+05RES	68				RR4	HP				
08880		XA330	80			XA330	70			18D	2			+05RES	69				RR4	HP				
19436		XA331	01										J	MBP25D	01	MBP25D	00	1	TLD	A2		02B	MPP25B4 BUSS	
21340		XA331	01			XA328	01			16B	9		P	MBP25D	04	MPP25B4	02	1	TLD	A2		02B		
08881		XA331	02											GND	01				TLD			01A		
19439		XA331	03			XA331	11			16B	9			MBENAB	03	MBP26D	01	1	TLD	A3		02A		
19437		XA331	04			XA331	03			16B	9			MBENAB	02	MBP25D	01	1	TLD	A2		04A		
19438		XA331	05			XA220	15			16B	9			MBY250X	01	MBP25D	01	2	TLD	A2		03B		
19433		XA331	06										J	MBP24D	01	MBP24D	00	1	TLD	A1		05A	MPP24B4 BUSS	
21336		XA331	06			XA332	06			16B	9		P	MBP24D	06	MPP24B4	02	1	TLD	A1		05A		
19440		XA331	07			XA239	40			16B	9			MBY260X	01	MBP26D	01	2	TLD	A3		03A		
08882		XA331	08											MBENAB	22				TLD	A1		06A		
19434		XA331	08			XA331	04			16B	9			MBENAB	01	MBP24D	01	1	TLD	A1		06A		
19441		XA331	09										J	MBP26D	01	MBP26D	00	1	TLD	A3		04B	MPP26B4 BUSS	
21344		XA331	09			XA332	09			16B	9		P	MBP26D	05	MPP26B4	02	1	TLD	A3		04B		
19435		XA331	10			XA220	09			16B	9			MBY240X	01	MBP24D	01	2	TLD	A1		07A		
19442		XA331	11			XA331	17			16B	9			MBENAB	04	MBP27D	01	1	TLD	A4		05B		
08883		XA331	12											+5V	01				TLD					
19443		XA331	13			XA239	42			16B	9			MBY270X	01	MBP27D	01	2	TLD	A4		06B		
19448		XA331	14										J	MBP29D	01	MBP29D	00	1	TLD	B2		09A	MPP29B4 BUSS	
21356		XA331	14			XA330	20			16B	9		P	MBP29D	05	MPP29B4	02	1	TLD	B2		09A		
CONNECTOR (XA331) CONTINUED ON THE NEXT PAGE ****																								

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DRAWING NUMBER 149304-880 UNIT ASSEMBLY NO. 149304 REV G INDEX XA331

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RECORD NUMBER	FROM PREFIX	FROM CONNECTOR	FROM PIN	FROM SH FG	TO PREFIX	TO CONNECTOR	TO PIN	TO SH FG	WIRE MULTI GROUP	WIRE CODE	WIRE COLOR	WIRE IDENT	SPEC TEST MISC	SIGNAL	SEC NO	EQUATION	T-TRM	FACTOR	CKT OR CMP TYPE	GROUP	LOAD OR POWER PLANE	TEST POINTS ANCHOR	SIGNAL DESCRIPTION	ECO NO
19444		XA331	15										J	MBP27D	01	MBP27D	00	1	TLD	A4		07B	MPP27B4 BUSS	
21348		XA331	15			XA330	07			16B	9		P	MBP27D	05	MPP27B4	02	1	TLD	A4		07B		
08884		XA331	16											GND	01				TLD			01B		
19451		XA331	17			XA331	18			16B	9			MBENAB	05	MBP30D	01	1	TLD	B3		08B		
19449		XA331	18			XA331	24			16B	9			MBENAB	06	MBP29D	01	1	TLD	B2		10A		
19452		XA331	19			XA220	40			16B	9			MBY300X	01	MBP30D	01	2	TLD	B3		09B		
19450		XA331	20			XA220	35			16B	9			MBY290X	01	MBP29D	01	2	TLD	B2		11A		
19453		XA331	21										J	MBP30D	01	MBP30D	00	1	TLD	B3		10B	MPP30B4 BUSS	
21360		XA331	21			XA332	21			16B	9		P	MBP30D	05	MPP30B4	02	1	TLD	B3		10B		
19445		XA331	22										J	MBP28D	01	MBP28D	00	1	TLD	B1		12A	MPP28B4 BUSS	
21352		XA331	22			XA328	22			16B	9		P	MBP28D	04	MPP28B4	02	1	TLD	B1		12A		
19454		XA331	23	3		XA338	57	3		16B	9			MBENBB	16	MBP31D	01	1	TLD	B4		11B		
19446		XA331	24			XA332	34			16B	9			MBENAB	07	MBP28D	01	1	TLD	B1		13A		
19455		XA331	25			XA220	30			16B	9			MBY310X	01	MBP31D	01	2	TLD	B4		12B		
19447		XA331	26			XA220	29			16B	9			MBY280X	01	MBP28D	01	2	TLD	B1		14A		
19456		XA331	27										J	MBP31D	01	MBP31D	00	1	TLD	B4		13B	MPP31B4 BUSS	
21364		XA331	27			XA330	24			16B	9		P	MBP31D	02	MPP31B4	02	1	TLD	B4		13B		
08885		XA331	28											+5V	01				TLD					
20269		XA331	29			XA331	36			16B	9			SPI014	03	MDGNBD	01	1	TLD	C3		14B		
20266		XA331	30										J	MDGNAD	01	MDGNAD	00	1	TLD	C2		15A	MDGNDB1 BUSS	
20276		XA331	30			XA327	45			16B	9		P	MDGNAD	03	MDGNDB1	01	1	TLD	C2		15A		
20270		XA331	31			XA331	37			16B	9			SPI016	14	MDGNBD	01	2	TLD	C3		15B		
08886		XA331	32											GND	01				TLD			21B		
20271		XA331	33										J	MDGNBD	01	MDGNBD	00	1	TLD	C3		16B	MDGNDB1 BUSS	
20277		XA331	33			XA331	30			16B	9		P	MDGNBD	025	MDGNDB1	04	1	TLD	C3		16B		
20267		XA331	34			XA331	31			16B	9			SPI016	13	MDGNAD	01	1	TLD	C2		16A		
20280		XA331	35			XA331	40			16B	9			SPI014	05	MDGNDD	01	1	TLD	C4		17B		
20268		XA331	36			XA331	35			16B	9			SPI014	04	MDGNAD	01	2	TLD	C2		17A		
20281		XA331	37			XA331	42			16B	9			SPI016	15	MDGNDD	01	2	TLD	C4		18B		
20272		XA331	38										J	MDGNCD	03	MDGNCD	00	1	TLD	C1		18A	MDGNDB1 BUSS	
20278		XA331	38			XA331	33			16B	9		P	MDGNCD	02	MDGNDB1	03	1	TLD	C1		18A		
20279		XA331	39			XA331	38			16B	9		P	MDGNDD	015	MDGNDB1	02	1	TLD	C4		19B		
20282		XA331	39										J	MDGNDD	01	MDGNDD	00	1	TLD	C4		19B	MDGNDB1 BUSS	
20273		XA331	40			XA331	50			16B	9			SPI014	06	MDGNCD	01	1	TLD	C1		19A		
19358		XA331	41			XA220	47			16B	9			MBYOPOX	01	MBPOPD	01	1	TLD	D3		22B		
20274		XA331	42			XA331	48			16B	9			SPI016	16	MDGNCD	01	2	TLD	C1		20A		
19359		XA331	43			XA332	35			16B	9			MBENBB	14	MBPOPD	01	2	TLD	D3		23B		
08887		XA331	44											GND	01				TLD			27A		
19360		XA331	45										J	MBPOPD	01	MBPOPD	00	1	TLD	D3		24B	MPPOPB4 BUSS	
21236		XA331	45			XA328	38			16B	9		P	MBPOPD	03	MPPOPB4	02	1	TLD	D3		24B		
08888		XA331	46											SPO	01		00	1	TLD	D2		21A		
19406		XA331	47			XA331	53			16B	9			MBENAB	10	MBP15D	01	1	TLD	D4		25B		
08889		XA331	48			XA331	54			16B	9			SPI016	17		01	1	TLD	D2		22A		
19407		XA331	49			XA221	30			16B	9			MBY150X	01	MBP15D	01	2	TLD	D4		26B		
08890		XA331	50			XA331	56			16B	9			SPI014	07		01	2	TLD	D2		23A		
19408		XA331	51										J	MBP15D	01	MBP15D	00	1	TLD	D4		27B	MPP15B4 BUSS	
21300		XA331	51			XA333	51			16B	9		P	MBP15D	06	MPP15B4	02	1	TLD	D4		27B		
08891		XA331	52											SPO	01		00	1	TLD	D1		24A		
19415		XA331	53			XA331	59			16B	9			MBENAB	11	MBP18D	01	1	TLD	E3		28B		
08892		XA331	54			XA327	54			16B	9			SPI016	18		01	1	TLD	D1		25A		

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RECORD NUMBER	FROM PREFIX	FROM CONNECTOR	FROM PIN	FROM SH FG	TO PREFIX	TO CONNECTOR	TO PIN	TO SH FG	WIRE MULTI GROUP	WIRE CODE	WIRE COLOR	WIRE IDENT	SPEC INST MISC	SIGNAL	SEQ NO	EQUATION	TERM	SECTION	CKT OR CHIP TYPE	GROUP	LOAD OR POWER PLANE	TEST POINTS AND/OR	SIGNAL DESCRIPTION	ECO NO
19416		XA331	55			XA221	57			16B	9			MBY180X	01	MBP18D	01	2	TLD	E3		29B		
08893		XA331	56			XA327	56			16B	9			SPI014	08		01	2	TLD	D1		26A		
19417		XA331	57										J	MBP18D	01	MBP18D	00	1	TLD	E3		30B	MPP18B4 BUSS	
21312		XA331	57			XA330	55			16B	9		P	MBP18D	05	MPP18B4	02	1	TLD	E3		30B		
08894		XA331	58											GND	01				TLD			40A		
19418		XA331	59			XA331	62			16B	9			MBENAB	12	MBP19D	01	1	TLD	E4		31B		
19412		XA331	60										J	MBP17D	01	MBP17D	00	1	TLD	E2		28A	MPP17B4 BUSS	
21308		XA331	60			XA333	60			16B	9		P	MBP17D	06	MPP17B4	02	1	TLD	E2		28A		
19419		XA331	61			XA221	48			16B	9			MBY190X	01	MBP19D	01	2	TLD	E4		32B		
19413		XA331	62			XA331	68			16B	9			MBENAB	13	MBP17D	01	1	TLD	E2		29A		
19420		XA331	63										J	MBP19D	01	MBP19D	00	1	TLD	E4		33B	MPP19B4 BUSS	
21316		XA331	63			XA329	63			16B	9		P	MBP19D	04	MPP19B4	02	1	TLD	E4		33B		
19414		XA331	64			XA221	56			16B	9			MBY170X	01	MBP17D	01	2	TLD	E2		30A		
19427		XA331	65			XA331	71			16B	9			MBENAB	15	MBP22D	01	1	TLD	F3		34B		
19409		XA331	66										J	MBP16D	01	MBP16D	00	1	TLD	E1		31A	MPP16B4 BUSS	
21304		XA331	66			XA333	66			16B	9		P	MBP16D	06	MPP16B4	02	1	TLD	E1		31A		
08895		XA331	67											GND	01				TLD					
19410		XA331	68			XA331	65			16B	9			MBENAB	14	MBP16D	01	1	TLD	E1		32A		
19428		XA331	69										J	MBP22D	01	MBP22D	00	1	TLD	F3		35A	MPP22B4 BUSS	
21328		XA331	69			XA333	69			16B	9		P	MBP22D	06	MPP22B4	02	1	TLD	F3		35A		
19411		XA331	70			XA221	47			16B	9			MBY160X	01	MBP16D	01	2	TLD	E1		33A		
19424		XA331	71			XA331	77			16B	9			MBENAB	16	MBP21D	01	1	TLD	F2		36A		
19425		XA331	72										J	MBP21D	01	MBP21D	00	1	TLD	F2		34A	MPP21B4 BUSS	
21324		XA331	72			XA330	72			16B	9		P	MBP21D	04	MPP21B4	02	1	TLD	F2		34A		
19426		XA331	73			XA221	75			16B	9			MBY210X	01	MBP21D	01	2	TLD	F2		36B		
19429		XA331	74			XA221	76			16B	9			MBY220X	01	MBP22D	01	2	TLD	F3		35B		
19421		XA331	75										J	MBP20D	01	MBP20D	00	1	TLD	F1		37B	MPP20B4 BUSS	
21320		XA331	75			XA329	75			16B	9		P	MBP20D	04	MPP20B4	02	1	TLD	F1		37B		
19430		XA331	76			XA332	76			16B	9			MBENAB	18	MBP23D	01	1	TLD	F4		37A		
19422		XA331	77			XA331	76			16B	9			MBENAB	17	MBP20D	01	1	TLD	F1		38B		
19431		XA331	78			XA221	68			16B	9			MBY230X	01	MBP23D	01	2	TLD	F4		38A		
19423		XA331	79			XA221	69			16B	9			MBY200X	01	MBP20D	01	2	TLD	F1		39B		
19432		XA331	80										J	MBP23D	01	MBP23D	00	1	TLD	F4		39A	MPP23B4 BUSS	
21332		XA331	80			XA327	80			16B	9		P	MBP23D	02	MPP23B4	02	1	TLD	F4		39A		
18996		XA332	01										J	MAP25D	01	MAP25D	00	1	TLD	A2		02B	MPP25B4 BUSS	
21341		XA332	01			XA331	01			16B	9		P	MAP25D	03	MPP25B4	01	1	TLD	A2		02B	25 BIT MUX *	
08896		XA332	02											GND	01				TLD			01A		
18999		XA332	03			XA332	04			16B	9			MAENAB	05	MAP26D	01	1	TLD	A3		02A		
18997		XA332	04			XA332	08			16B	9			MAENAB	06	MAP25D	01	1	TLD	A2		04A		
18998		XA332	05			XA223	56			16B	9			MAY250X	01	MAP25D	01	2	TLD	A2		03B		
18993		XA332	06										J	MAP24D	01	MAP24D	00	1	TLD	A1		05A	MPP24B4 BUSS	
21337		XA332	06										P	MAP24D	07	MPP24B4	01	1	TLD	A1		05A	24 BIT MUX *	
19000		XA332	07			XA223	57			16B	9			MAY260X	02	MAP26D	01	2	TLD	A3		03A		
18994		XA332	08			XA332	11			16B	9			MAENAB	07	MAP24D	01	1	TLD	A1		06A		
19001		XA332	09										J	MAP26D	01	MAP26D	00	1	TLD	A3		04B	MPP26B4 BUSS	
21345		XA332	09			XA230	08			16B	9		P	MAP26D	06	MPP26B4	01	1	TLD	A3		04B	26 BIT MUX *	
18995		XA332	10			XA223	47			16B	9			MAY240X	01	MAP24D	01	2	TLD	A1		07A		
19002		XA332	11			XA332	17			16B	9			MAENAB	08	MAP27D	01	1	TLD	A4		05B		

CONNECTOR (XA332) CONTINUED ON THE NEXT PAGE ****

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DRAWING NUMBER 149304-880 UNIT ASSEMBLY NO. 149304 REV G INDEX XA332

UNIT ASSEMBLY CARD CAGE WIRED, MCU CONNECTOR FILE IDENT T39AMCMU DATE 09-02-82 PAGE 294

RECORD NUMBER	FROM PREFIX	FROM CONNECTOR	FROM PIN	FROM SH FG	TO PREFIX	TO CONNECTOR	TO PIN	TO SH FG	WIRE MULT GROUP	WIRE CODE	WIRE COLOR	WIRE IDENT	SPC INST MISC	SIGNAL	SEQ NO	EQUATION	TERM	FACTOR	CKT OR CHIP TYPE	GROUP	LOAD OR POWER PLANE	TEST POINTS ANG	TEST POINTS DP	SIGNAL DESCRIPTION	ECO NO
08897		XA332	12											+5V	01				TLD						
19003		XA332	13			XA223	48			16B	9			MAY270X	01	MAP27D	01	2	TLD	A4		06	B		
19008		XA332	14										J	MAP29D	01	MAP29D	00	1	TLD	B2		09	A	MPP29B4 BUSS	
21357		XA332	14			XA331	14			16B	9		P	MAP29D	04	MPP29B4	01	1	TLD	B2		09	A	29 BIT MUX *	
19004		XA332	15										J	MAP27D	01	MAP27D	00	1	TLD	A4		07	B	MPP27B4 BUSS	
21349		XA332	15			XA331	15			16B	9		P	MAP27D	04	MPP27B4	01	1	TLD	A4		07	B	27 BIT MUX *	
08898		XA332	16											GND	01				TLD						
19011		XA332	17			XA332	18			16B	9			MAENAB	09	MAP30D	01	1	TLD	B3		08	B		
19009		XA332	18			XA332	24			16B	9			MAENAB	10	MAP29D	01	1	TLD	B2		10	A		
19012		XA332	19			XA223	76			16B	9			MAY300X	01	MAP30D	01	2	TLD	B3		09	B		
19010		XA332	20			XA223	75			16B	9			MAY290X	01	MAP29D	01	2	TLD	B2		11	A		
19013		XA332	21										J	MAP30D	01	MAP30D	00	1	TLD	B3		10	B	MPP30B4 BUSS	
21361		XA332	21			XA230	40			16B	9		P	MAP30D	06	MPP30B4	01	1	TLD	B3		10	B	30 BIT MUX *	
19005		XA332	22										J	MAP28D	01	MAP28D	00	1	TLD	B1		12	A	MPP28B4 BUSS	
21353		XA332	22			XA331	22			16B	9		P	MAP28D	03	MPP28B4	01	1	TLD	B1		12	A	28 BIT MUX *	
19014		XA332	23			XA333	29			16B	9			MAENBB	07	MAP31D	01	1	TLD	B4		11	B		
19006		XA332	24			XA333	41			16B	9			MAENAB	11	MAP28D	01	1	TLD	B1		13	A		
19015		XA332	25			XA223	68			16B	9			MAY310X	01	MAP31D	01	2	TLD	B4		12	B		
19007		XA332	26			XA223	69			16B	9			MAY280X	01	MAP28D	01	2	TLD	B1		14	A		
19016		XA332	27										J	MAP31D	01	MAP31D	00	1	TLD	B4		13	B	MPP31B4 BUSS	
21365		XA332	27			XA331	27			16B	9		P	MAP31D	01	MPP31B4	01	1	TLD	B4		13	B	31 BIT MUX *	
08899		XA332	28											+5V	01				TLD						
19364		XA332	29			XA331	47			16B	9			MBENAB	09	MBP01D	01	1	TLD	C3		14	B		
19361		XA332	30										J	MBP00D	01	MBP00D	00	1	TLD	C2		15	A	MPP00B4 BUSS	
21240		XA332	30			XA333	06			16B	9		P	MBP00D	01	MPP00B4	02	1	TLD	C2		15	A		
19365		XA332	31			XA237	65			16B	9			MBY010X	01	MBP01D	01	2	TLD	C3		15	B		
08900		XA332	32											GND	01				TLD			21	B		
19366		XA332	33										J	MBP01D	01	MBP01D	00	1	TLD	C3		16	B	MPP01B4 BUSS	
21244		XA332	33			XA330	36			16B	9		P	MBP01D	01	MPP01B4	02	1	TLD	C3		16	B		
19362		XA332	34			XA332	29			16B	9			MBENAB	08	MBP00D	01	1	TLD	C2		16	A		
19367		XA332	35			XA331	23			16B	9			MBENBB	15	MBP02D	01	1	TLD	C4		17	B		
19363		XA332	36			XA239	37			16B	9			MBY000X	01	MBP00D	01	2	TLD	C2		17	A		
19368		XA332	37			XA222	57			16B	9			MBY020X	01	MBP02D	01	2	TLD	C4		18	B		
18918		XA332	38										J	MAP0PD	01	MAP0PD	00	1	TLD	C1		18	A	MPP0PB4 BUSS	
21237		XA332	38			XA331	45			16B	9		P	MAP0PD	02	MPP0PB4	01	1	TLD	C1		18	A	0P BIT MUX *	
19369		XA332	39										J	MBP02D	01	MBP02D	00	1	TLD	C4		19	B	MPP02B4 BUSS	
21248		XA332	39			XA333	09			16B	9		P	MBP02D	04	MPP02B4	02	1	TLD	C4		19	B		
18919		XA332	40			XA333	48			16B	9			MAENBB	12	MAP0PD	01	1	TLD	C1		19	A		
19376		XA332	41			XA331	43			16B	9			MBENBB	13	MBP05D	01	1	TLD	D3		22	B		
18920		XA332	42			XA222	09			16B	9			MAY0P0X	01	MAP0PD	01	2	TLD	C1		20	A		
19377		XA332	43			XA222	75			16B	9			MBY050X	01	MBP05D	01	2	TLD	D3		23	B		
08901		XA332	44											GND	01				TLD			27	A		
19378		XA332	45										J	MBP05D	01	MBP05D	00	1	TLD	D3		24	B	MPP05B4 BUSS	
21260		XA332	45			XA328	45			16B	9		P	MBP05D	04	MPP05B4	02	1	TLD	D3		24	B		
19373		XA332	46										J	MBP04D	01	MBP04D	00	1	TLD	D2		21	A	MPP04B4 BUSS	
21256		XA332	46			XA328	46			16B	9		P	MBP04D	04	MPP04B4	02	1	TLD	D2		21	A		
19379		XA332	47			XA332	41			16B	9			MBENBB	12	MBP06D	01	1	TLD	D4		25	B		
19374		XA332	48			XA332	47			16B	9			MBENBA	11	MBP04D	01	1	TLD	D2		22	A		
19380		XA332	49			XA222	76			16B	9			MBY060X	02	MBP06D	01	2	TLD	D4		26	B		
19375		XA332	50			XA222	69			16B	9			MBY040X	01	MBP04D	01	2	TLD	D2		23	A		

CONNECTOR XA332 CONTINUED ON THE NEXT PAGE ****

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RECORD NUMBER	FROM PREFIX	FROM CONNECTOR	FROM PIN	SH FG	TO PREFIX	TO CONNECTOR	TO PIN	SH FG	WIRE MULTI GROUP	WIRE CODE	WIRE COLOR	WIRE IDENT	SPEC INST MISC	SIGNAL	SEQ NO	EQUATION	TERM	FACTOR	CKT OR CHIP TYPE	GROUP	LOAD OR POWER PLANE	TEST POINTS AND OR	SIGNAL DESCRIPTION	ECO NO
19381		XA332	51										J	MBP06D	01	MBP06D	00	1	TLD	D4		27B	MPP06B4 BUSS	
21264		XA332	51			XA328	51			168	9		P	MBP06D	04	MPP06B4	02	1	TLD	D4		27B		
19370		XA332	52										J	MBP03D	01	MBP03D	00	1	TLD	D1		24A	MPP03B4 BUSS	
21252		XA332	52			XA333	15			168	9		P	MBP03D	02	MPP03B4	02	1	TLD	D1		24A		
19388		XA332	53			XA332	54			168	9			MBENBB	09	MBP09D	01	1	TLD	E3		28B		
19371		XA332	54			XA332	48			168	9			MBENBB	10	MBP03D	01	1	TLD	D1		25A		
19389		XA332	55			XA221	15			168	9			MBY090X	02	MBP09D	01	2	TLD	E3		29B		
19372		XA332	56			XA222	48			168	9			MBY030X	01	MBP03D	01	2	TLD	D1		26A		
19390		XA332	57										J	MBP09D	01	MBP09D	00	1	TLD	E3		30B	MPP09B4 BUSS	
21276		XA332	57			XA328	57			168	9		P	MBP09D	04	MPP09B4	02	1	TLD	E3		30B		
08902		XA332	58											GND	01				TLD			40A		
19391		XA332	59			XA332	53			168	9			MBENBB	08	MBP10D	01	1	TLD	E4		31B		
19385		XA332	60										J	MBP08D	01	MBP08D	00	1	TLD	E2		28A	MPP08B4 BUSS	
21272		XA332	60			XA328	60			168	9		P	MBP08D	04	MPP08B4	02	1	TLD	E2		28A		
19392		XA332	61			XA335	33			168	9			MBY100X	01	MBP10D	01	2	TLD	E4		32B		
19386		XA332	62			XA332	59			168	9			MBENBB	07	MBP08D	01	1	TLD	E2		29A		
19393		XA332	63										J	MBP10D	01	MBP10D	00	1	TLD	E4		33B	MPP10B4 BUSS	
21280		XA332	63			XA333	33			168	9		P	MBP10D	02	MPP10B4	02	1	TLD	E4		33B		
19387		XA332	64			XA336	29			168	9			MBY080X	01	MBP08D	01	2	TLD	E2		30A		
19400		XA332	65			XA332	68			168	9			MBENBB	05	MBP13D	01	1	TLD	F3		34B		
19382		XA332	66										J	MBP07D	01	MBP07D	00	1	TLD	E1		31A	MPP07B4 BUSS	
21268		XA332	66			XA328	66			168	9		P	MBP07D	04	MPP07B4	02	1	TLD	E1		31A		
08903		XA332	67											GND	01				TLD					
19383		XA332	68			XA332	62			168	9			MBENBB	06	MBP07D	01	1	TLD	E1		32A		
19401		XA332	69										J	MBP13D	01	MBP13D	00	1	TLD	F3		35A	MPP13B4 BUSS	
21292		XA332	69			XA333	46			168	9		P	MBP13D	02	MPP13B4	02	1	TLD	F3		35A		
19384		XA332	70			XA336	34			168	9			MBY070X	01	MBP07D	01	2	TLD	E1		33A		
19397		XA332	71			XA332	65			168	9			MBENBB	04	MBP12D	01	1	TLD	F2		36A		
19398		XA332	72										J	MBP12D	01	MBP12D	00	1	TLD	F2		34A	MPP12B4 BUSS	
21288		XA332	72			XA328	72			168	9		P	MBP12D	05	MPP12B4	02	1	TLD	F2		34A		
19399		XA332	73			XA335	41			168	9			MBY120X	01	MBP12D	01	2	TLD	F2		36B		
19402		XA332	74			XA335	45			168	9			MBY130X	01	MBP13D	01	2	TLD	F3		35B		
19394		XA332	75										J	MBP11D	01	MBP11D	00	1	TLD	F1		37B	MPP11B4 BUSS	
21284		XA332	75			XA333	39			168	9		P	MBP11D	02	MPP11B4	02	1	TLD	F1		37B		
19403		XA332	76			XA338	45			168	9			MBENAB	19	MBP14D	01	1	TLD	F4		37A		
19395		XA332	77			XA332	71			168	9			MBENBB	03	MBP11D	01	1	TLD	F1		38B		
19404		XA332	78			XA221	40			168	9			MBY140X	01	MBP14D	01	2	TLD	F4		38A		
19396		XA332	79			XA335	52			168	9			MBY110X	01	MBP11D	01	2	TLD	F1		39B		
19405		XA332	80										J	MBP14D	01	MBP14D	00	1	TLD	F4		39A	MPP14B4 BUSS	
21296		XA332	80			XA328	80			168	9		P	MBP14D	06	MPP14B4	02	1	TLD	F4		39A		
18924		XA333	01										J	MAP01D	01	MAP01D	00	1	TLD	A2		02B	MPP01B4 BUSS	
21245		XA333	01										P	MAP01D	07	MPP01B4	01	1	TLD	A2		02B	01 BIT MUX *	
08904		XA333	02											GND	01				TLD			01A		
08905		XA333	03											MAENBB	17				TLD	A3		02A		
18927		XA333	03			XA333	11			168	9			MAENBB	01	MAP02D	01	1	TLD	A3		02A		
18925		XA333	04			XA332	03			168	9			MAENAB	04	MAP01D	01	1	TLD	A2		04A		
18926		XA333	05			XA224	15			168	9			MAY010X	02	MAP01D	01	2	TLD	A2		03B		
18921		XA333	06										J	MAP00D	01	MAP00D	00	1	TLD	A1		05A	MPP00B4 BUSS	
CONNECTOR XA333 CONTINUED ON THE NEXT PAGE ****																								

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DRAWING NUMBER 149304-880 UNIT ASSEMBLY NO. 149304 REV G INDEX XA333

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RECORD NUMBER	FROM PREFIX	FROM CONNECTOR	FROM PIN	FROM SH FG	TO PREFIX	TO CONNECTOR	TO PIN	TO SH FG	WIRE MULTI GROUP	WIRE CODE	WIRE COLOR	WIRE IDENT	SPC INST MISC	SIGNAL	SEC NO	EQUATION	TERM	FACTOR	CKT OR CHIP TYPE	GROUP	QUAD OR POWER PLANE	TEST POINTS AND/OR	SIGNAL DESCRIPTION	ECO NO
21241		XA333	06			XA329	06			16B	9		P	MAP00D	02	MPP00B4	01	1	TLD	A1		05A	00 BIT MUX *	
18928		XA333	07			XA224	10			16B	9			MAY020X	01	MAP02D	01	2	TLD	A3		03A		
18922		XA333	08			XA333	04			16B	9			MAENAB	03	MAP00D	01	1	TLD	A1		06A		
18929		XA333	09										J	MAP02D	01	MAP02D	00	1	TLD	A3		04B	MPP02B4 BUSS	
21249		XA333	09			XA329	09			16B	9		P	MAP02D	05	MPP02B4	01	1	TLD	A3		04B	02 BIT MUX *	
18923		XA333	10			XA239	14			16B	9			MAY000X	01	MAP00D	01	2	TLD	A1		07A		
18930		XA333	11			XA333	17			16B	9			MAENBB	02	MAP03D	01	1	TLD	A4		05B		
08906		XA333	12											+5V	01				TLD					
18931		XA333	13			XA224	03			16B	9			MAY030X	01	MAP03D	01	2	TLD	A4		06B		
18936		XA333	14										J	MAP05D	01	MAP05D	00	1	TLD	B2		09A	MPP05B4 BUSS	
21261		XA333	14			XA329	14			16B	9		P	MAP05D	01	MPP05B4	01	1	TLD	B2		09A	05 BIT MUX *	
18932		XA333	15										J	MAP03D	01	MAP03D	00	1	TLD	A4		07B	MPP03B4 BUSS	
21253		XA333	15			XA329	15			16B	9		P	MAP03D	03	MPP03B4	01	1	TLD	A4		07B	03 BIT MUX *	
08907		XA333	16											GND	01				TLD			01B		
18939		XA333	17			XA333	18			16B	9			MAENBB	03	MAP06D	01	1	TLD	B3		08B		
18937		XA333	18			XA333	24			16B	9			MAENBB	04	MAP05D	01	1	TLD	B2		10A		
18940		XA333	19			XA224	40			16B	9			MAY060X	02	MAP06D	01	2	TLD	B3		09B		
18938		XA333	20			XA224	35			16B	9			MAY050X	01	MAP05D	01	2	TLD	B2		11A		
18941		XA333	21										J	MAP06D	01	MAP06D	00	1	TLD	B3		10B	MPP06B4 BUSS	
21265		XA333	21			XA329	21			16B	9		P	MAP06D	01	MPP06B4	01	1	TLD	B3		10B	06 BIT MUX *	
18933		XA333	22										J	MAP04D	01	MAP04D	00	1	TLD	B1		12A	MPP04B4 BUSS	
21257		XA333	22			XA332	46			16B	9		P	MAP04D	03	MPP04B4	01	1	TLD	B1		12A	04 BIT MUX *	
18942		XA333	23			XA332	23			16B	9			MAENBB	06	MAP07D	01	1	TLD	B4		11B		
18934		XA333	24			XA333	23			16B	9			MAENBB	05	MAP04D	01	1	TLD	B1		13A		
18943		XA333	25			XA224	30			16B	9			MAY070X	02	MAP07D	01	2	TLD	B4		12B		
18935		XA333	26			XA224	29			16B	9			MAY040X	01	MAP04D	01	2	TLD	B1		14A		
18944		XA333	27										J	MAP07D	01	MAP07D	00	1	TLD	B4		13B	MPP07B4 BUSS	
21269		XA333	27			XA329	27			16B	9		P	MAP07D	01	MPP07B4	01	1	TLD	B4		13B	07 BIT MUX *	
08908		XA333	28											+5V	01				TLD					
18951		XA333	29			XA333	35			16B	9			MAENBB	08	MAP10D	01	1	TLD	C3		14B		
18948		XA333	30										J	MAP09D	01	MAP09D	00	1	TLD	C2		15A	MPP09B4 BUSS	
21277		XA333	30			XA329	30			16B	9		P	MAP09D	01	MPP09B4	01	1	TLD	C2		15A	09 BIT MUX *	
18952		XA333	31			XA335	06			16B	9			MAY100X	02	MAP10D	01	2	TLD	C3		15B		
08909		XA333	32											GND	01				TLD			21B		
18953		XA333	33										J	MAP10D	01	MAP10D	00	1	TLD	C3		16B	MPP10B4 BUSS	
21281		XA333	33			XA330	39			16B	9		P	MAP10D	03	MPP10B4	01	1	TLD	C3		16B	10 BIT MUX *	
18949		XA333	34			XA333	40			16B	9			MAENBB	10	MAP09D	01	1	TLD	C2		16A		
18954		XA333	35			XA333	34			16B	9			MAENBB	09	MAP11D	01	1	TLD	C4		17B		
18950		XA333	36			XA224	56			16B	9			MAY090X	02	MAP09D	01	2	TLD	C2		17A		
18955		XA333	37			XA335	01			16B	9			MAY110X	02	MAP11D	01	2	TLD	C4		18B		
18945		XA333	38										J	MAP08D	01	MAP08D	00	1	TLD	C1		18A	MPP08B4 BUSS	
21273		XA333	38			XA332	60			16B	9		P	MAP08D	03	MPP08B4	01	1	TLD	C1		18A	08 BIT MUX *	
18956		XA333	39										J	MAP11D	01	MAP11D	00	1	TLD	C4		19B	MPP11B4 BUSS	
21285		XA333	39			XA330	52			16B	9		P	MAP11D	03	MPP11B4	01	1	TLD	C4		19B	11 BIT MUX *	
18946		XA333	40			XA332	40			16B	9			MAENBB	11	MAP08D	01	1	TLD	C1		19A		
18963		XA333	41			XA333	47			16B	9			MAENAB	12	MAP14D	01	1	TLD	D3		22B		
18947		XA333	42			XA336	17			16B	9			MAY080X	01	MAP08D	01	2	TLD	C1		20A		
18964		XA333	43			XA224	76			16B	9			MAY140X	01	MAP14D	01	2	TLD	D3		23B		
08910		XA333	44											GND	01				TLD			27A		
18965		XA333	45										J	MAP14D	01	MAP14D	00	1	TLD	D3		24B	MPP14B4 BUSS	
CONNECTOR XA333) CONTINUED ON THE NEXT PAGE ****																								

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RECORD NUMBER	FROM PREFIX	FROM CONNECTOR	FROM PIN	FROM SH FG	TO PREFIX	TO CONNECTOR	TO PIN	TO SH FG	WIRE MULTI GROUP	WIRE CODE	WIRE COLOR	WIRE IDENT	SPEC INST MISC	SIGNAL	SPEC NO	EQUATION	TERM	FACTOR	CKT OR CHIP TYPE	GROUP	LOAD OR POWER PLANE	TEST POINTS AND	TEST POINTS OR	SIGNAL DESCRIPTION	ECO NO
21297		XA333	45			XA332	80			16B	9		P	MAP14D	05	MPP14B4	01	1	TLD	D3		24B		14 BIT MUX *	
18960		XA333	46										J	MAP13D	01	MAP13D	00	1	TLD	D2		21A		MPP13B4 BUSS	
21293		XA333	46			XA330	47			16B	9		P	MAP13D	03	MPP13B4	01	1	TLD	D2		21A		13 BIT MUX *	
18966		XA333	47			XA333	53			16B	9			MAENAB	13	MAP15D	01	1	TLD	D4		25B			
18961		XA333	48			XA333	54			16B	9			MAENBB	13	MAP13D	01	1	TLD	D2		22A			
18967		XA333	49			XA224	68			16B	9			MAY150X	01	MAP15D	01	2	TLD	D4		26B			
18962		XA333	50			XA336	59			16B	9			MAY130X	01	MAP13D	01	2	TLD	D2		23A			
18968		XA333	51										J	MAP15D	01	MAP15D	00	1	TLD	D4		27B		MPP15B4 BUSS	
21301		XA333	51										P	MAP15D	07	MPP15B4	01	1	TLD	D4		27B		15 BIT MUX *	
18957		XA333	52										J	MAP12D	01	MAP12D	00	1	TLD	D1		24A		MPP12B4 BUSS	
21289		XA333	52			XA332	72			16B	9		P	MAP12D	04	MPP12B4	01	1	TLD	D1		24A		12 BIT MUX *	
18975		XA333	53			XA333	59			16B	9			MAENAB	14	MAP18D	01	1	TLD	E3		28B			
18958		XA333	54			XA338	52			16B	9			MAENBB	14	MAP12D	01	1	TLD	D1		25A			
18976		XA333	55			XA223	10			16B	9			MAY180X	01	MAP18D	01	2	TLD	E3		29B			
18959		XA333	56			XA336	53			16B	9			MAY120X	01	MAP12D	01	2	TLD	D1		26A			
18977		XA333	57										J	MAP18D	01	MAP18D	00	1	TLD	E3		30B		MPP18B4 BUSS	
21313		XA333	57			XA331	57			16B	9		P	MAP18D	04	MPP18B4	01	1	TLD	E3		30B		18 BIT MUX *	
08911		XA333	58											GND	01				TLD			40A			
18978		XA333	59			XA333	62			16B	9			MAENAB	15	MAP19D	01	1	TLD	E4		31B			
18972		XA333	60										J	MAP17D	01	MAP17D	00	1	TLD	E2		28A		MPP17B4 BUSS	
21309		XA333	60										P	MAP17D	07	MPP17B4	01	1	TLD	E2		28A		17 BIT MUX *	
18979		XA333	61			XA223	03			16B	9			MAY190X	01	MAP19D	01	2	TLD	E4		32B			
18973		XA333	62			XA333	68			16B	9			MAENAB	16	MAP17D	01	1	TLD	E2		29A			
18980		XA333	63										J	MAP19D	01	MAP19D	00	1	TLD	E4		33B		MPP19B4 BUSS	
21317		XA333	63			XA331	63			16B	9		P	MAP19D	03	MPP19B4	01	1	TLD	E4		33B		19 BIT MUX *	
18974		XA333	64			XA223	15			16B	9			MAY170X	01	MAP17D	01	2	TLD	E2		30A			
18987		XA333	65			XA333	71			16B	9			MAENAB	18	MAP22D	01	1	TLD	F3		34B			
18969		XA333	66										J	MAP16D	01	MAP16D	00	1	TLD	E1		31A		MPP16B4 BUSS	
21305		XA333	66										P	MAP16D	07	MPP16B4	01	1	TLD	E1		31A		16 BIT MUX *	
08912		XA333	67											GND	01				TLD						
18970		XA333	68			XA333	65			16B	9			MAENAB	17	MAP16D	01	1	TLD	E1		32A			
18988		XA333	69										J	MAP22D	01	MAP22D	00	1	TLD	F3		35A		MPP22B4 BUSS	
21329		XA333	69										P	MAP22D	07	MPP22B4	01	1	TLD	F3		35A		22 BIT MUX *	
18971		XA333	70			XA223	09			16B	9			MAY160X	01	MAP16D	01	2	TLD	E1		33A			
18984		XA333	71			XA333	77			16B	9			MAENAB	19	MAP21D	01	1	TLD	F2		36A			
18985		XA333	72										J	MAP21D	01	MAP21D	00	1	TLD	F2		34A		MPP21B4 BUSS	
21325		XA333	72			XA331	72			16B	9		P	MAP21D	03	MPP21B4	01	1	TLD	F2		34A		21 BIT MUX *	
18986		XA333	73			XA223	35			16B	9			MAY210X	01	MAP21D	01	2	TLD	F2		36B			
18989		XA333	74			XA223	40			16B	9			MAY220X	01	MAP22D	01	2	TLD	F3		35B			
18981		XA333	75										J	MAP20D	01	MAP20D	00	1	TLD	F1		37B		MPP20B4 BUSS	
21321		XA333	75			XA331	75			16B	9		P	MAP20D	03	MPP20B4	01	1	TLD	F1		37B		20 BIT MUX *	
18990		XA333	76	3		XA338	30	3		16B	9			MAENAB	21	MAP23D	01	1	TLD	F4		37A			
18982		XA333	77			XA333	76			16B	9			MAENAB	20	MAP20D	01	1	TLD	F1		38B			
18991		XA333	78			XA223	30			16B	9			MAY230X	01	MAP23D	01	2	TLD	F4		38A			
18983		XA333	79			XA223	29			16B	9			MAY200X	01	MAP20D	01	2	TLD	F1		39B			
18992		XA333	80										J	MAP23D	01	MAP23D	00	1	TLD	F4		39A		MPP23B4 BUSS	
21333		XA333	80			XA331	80			16B	9		P	MAP23D	01	MPP23B4	01	1	TLD	F4		39A		23 BIT MUX *	

Litton DATA SYSTEMS

DRAWING NUMBER 149304-880 UNIT ASSEMBLY NO. 149304 REV G INDEX XA334

UNIT ASSEMBLY CARD CAGE WIRED, MCU CONNECTOR FILE IDENT T39AMCMU DATE 09-02-82 PAGE 298

RECORD NUMBER	FROM PREFIX	FROM CONNECTOR	FROM PIN	FROM SH FG	TO PREFIX	TO CONNECTOR	TO PIN	TO SH FG	WIRE MULTI GROUP	WIRE CODE	WIRE COLOR	WIRE IDENT	SPC INST MISC	SIGNAL	SEQ NO	EQUATION	TERM	FACTOR	CKT OR CHIP TYPE	GROUP	LOAD OR POWER PLANE	TEST POINTS RNG	TEST POINTS DP	SIGNAL DESCRIPTION	ECO NO
19471		XA334	01			XA336	01			16B	9			MBREQS	01	MBREQR	01	1	TD4	A2		02B			
08913		XA334	02											GND	01				TD4			01A			
08914		XA334	03											DNW	01				TD4						
19472		XA334	04			XA336	15			16B	9			MBRQRA	01	MBREQR	01	2	TD4	A2		04A			
19473		XA334	05			XA334	36			16B	9			MPMRFB	12	MBREQR	01	3	TD4	A2		03B			
19031		XA334	06											MAREQS	04	MAREQR	01	1	TD4	A1		05A			
19474		XA334	07			XA337	10			16B	9			MPACIO	06	MBREQR	01	4	TD4	A2		03A			
19032		XA334	08			XA336	09			16B	9			MARQRA	07	MAREQR	01	2	TD4	A1		06A			
19475		XA334	09			XA336	05			16B	9			MBREQR	02	MBREQR	00	1	TD4	A2		04B		PORT B REQUEST *	
19033		XA334	10			XA334	05			16B	9			MPMRFB	11	MAREQR	01	3	TD4	A1		07A			
19034		XA334	11			XA336	10			16B	9			MAREQR	01	MAREQR	00	1	TD4	A1		05B		PORT A REQUEST *	
08915		XA334	12											+5V	01				TD4						
19035		XA334	13			XA334	07			16B	9			MPACIO	05	MAREQR	01	4	TD4	A1		06B			
19350		XA334	14											MBY06A	02	MBMMCA	01	1	TD4	B2		09A			
08916		XA334	15											DNW	01				TD4						
08917		XA334	16											GND	01				TD4			20B			
08918		XA334	17											DNW	01				TD4						
19351		XA334	18											MBY07A	02	MBMMCA	01	2	TD4	B2		10A			
19352		XA334	19											MBY08A	02	MBMMCA	01	3	TD4	B2		09B			
19353		XA334	20											MBY09A	02	MBMMCA	01	4	TD4	B2		11A			
19354		XA334	21											MBMMCA	02	MBMMCA	00	1	TD4	B2		10B		MBA COMP PT B 6-9*	
18910		XA334	22											MAY06A	02	MAMMCA	01	1	TD4	B1		12A			
18911		XA334	23											MAMMCA	02	MAMMCA	00	1	TD4	B1		11B		MBA COMP PT A 6-9*	
18912		XA334	24											MAY07A	02	MAMMCA	01	2	TD4	B1		13A			
18913		XA334	25											MAY08A	02	MAMMCA	01	3	TD4	B1		12B			
18914		XA334	26											MAY09A	02	MAMMCA	01	4	TD4	B1		14A			
08919		XA334	27											DNW	01				TD4						
08920		XA334	28											+5V	01				TD4						
08921		XA334	29											DNW	01				TD4						
18874		XA334	30											MAHLDS	02	MAHLDR	01	1	TD4	C2		15A			
18875		XA334	31											MAHDRA	02	MAHLDR	01	2	TD4	C2		15B			
08922		XA334	32											GND	01				TD4			21B			
18876		XA334	33			XA239	72			16B	9			MAHLDR	01	MAHLDR	00	1	TD4	C2		16B		PORT A HOLD LATCH*	
18877		XA334	34			XA238	65			16B	9			MPACTS	03	MAHLDR	01	3	TD4	C2		16A			
21381		XA334	35			XA337	60			16B	9			MPRSTO	01	MPRSTO	00	1	TD4	C1		17B		PRIORITY PORT B *	
18878		XA334	36			XA323	37			16B	9			MPMRFB	13	MAHLDR	01	4	TD4	C2		17A			
21382		XA334	37			XA434	55			16B	9			MAENAP	03	MPRSTO	01	1	TD4	C1		18B			
21383		XA334	38			XA434	60			16B	9			MBENAP	02	MPRSTO	01	2	TD4	C1		18A			
08923		XA334	39											DNW	01				TD4						
21384		XA334	40			XA434	62			16B	9			MCENAP1	03	MPRSTO	01	3	TD4	C1		19A			
08924		XA334	41											DNW	01				TD4						
21385		XA334	42											MDENAP	02	MPRSTO	01	4	TD4	C1		20A			
08925		XA334	43			XA337	68			16B	9			SPI017	26		01	1	TD4	D2		23B			
08926		XA334	44											GND	01				TD4			27A			
08927		XA334	45											SPO	01		00	1	TD4	D2		24B			
08928		XA334	46			XA334	55			16B	9			SPI018	26		01	2	TD4	D2		21A			
08929		XA334	47											SPO	01		00	1	TD4	D1		25B			
08930		XA334	48			XA334	54			16B	9			SPI006	09		01	3	TD4	D2		22A			
08931		XA334	49			XA334	43			16B	9			SPI017	25		01	1	TD4	D1		26B			
08932		XA334	50			XA331	34			16B	9			SPI016	12		01	4	TD4	D2		23A			

CONNECTOR (XA334) CONTINUED ON THE NEXT PAGE ****

RECORD NUMBER	FROM PREFIX	FROM CONNECTOR	FROM PIN	FROM SH FG	TO PREFIX	TO CONNECTOR	TO PIN	TO SH FG	WIRE MULTI GROUP	WIRE CODE	WIRE COLOR	WIRE IDENT	SPEC INST	SIGNAL	SEQ NO	EQUATION	TERM	FACTOR	CKT OR CHIP TYPE	GROUP	LOAD OR POWER PLANE	TEST POINTS AND	TEST POINTS OR	SIGNAL DESCRIPTION	ECO NO
08933		XA334	51											DNW	01				TD4						
08934		XA334	52			XA331	29			16B	9			SPI014	02		01	2	TD4	D1		24A			
08935		XA334	53											DNW	01				TD4						
08936		XA334	54			XA334	64			16B	9			SPI004	10		01	3	TD4	D1		25A			
08937		XA334	55			XA335	65			16B	9			SPI018	27		01	1	TD4	E2		29B			
08938		XA334	56			XA334	50			16B	9			SPI016	11		01	4	TD4	D1		26A			
08939		XA334	57											SPO	01		00	1	TD4	E2		30B			
08940		XA334	58											GND	01				TD4			40A			
08941		XA334	59											SPO	01		00	1	TD4	E1		31B			
08942		XA334	60			XA334	56			16B	9			SPI016	10		01	2	TD4	E2		28A			
08943		XA334	61			XA334	60			16B	9			SPI016	09		01	1	TD4	E1		32B			
08944		XA334	62			XA334	49			16B	9			SPI017	24		01	3	TD4	E2		29A			
08945		XA334	63											DNW	01				TD4						
08946		XA334	64			XA334	66			16B	9			SPI004	11		01	4	TD4	E2		30A			
08947		XA334	65											DNW	01				TD4						
08948		XA334	66			XA337	66			16B	9			SPI004	12		01	2	TD4	E1		31A			
08949		XA334	67											GND	01				TD4			40B			
08950		XA334	68			XA334	62			16B	9			SPI017	23		01	3	TD4	E1		32A			
20346		XA334	69			XA433	76			16B	9			MDMMCA	01	MDMMCA	00	1	TD4	F2		35A		MBA COMP PT D 6-9*	
08951		XA334	70			XA424	04			16B	9			SPI018	29		01	4	TD4	E1		33A			
20347		XA334	71											MDY06A1	03	MDMMCA	01	1	TD4	F2		36A			
20348		XA334	72											MDY07A1	03	MDMMCA	01	2	TD4	F2		34A			
20349		XA334	73											MDY08A1	03	MDMMCA	01	3	TD4	F2		36B			
20350		XA334	74											MDY09A1	03	MDMMCA	01	4	TD4	F2		35B			
19788		XA334	75											MCY06A1	03	MCMMCA	01	1	TD4	F1		37B			
19789		XA334	76			XA433	65			16B	9			MCMMCA	01	MCMMCA	00	1	TD4	F1		37A		MBA COMP PT C 6-9*	
19790		XA334	77											MCY07A1	03	MCMMCA	01	2	TD4	F1		38B			
19791		XA334	78											MCY08A1	03	MCMMCA	01	3	TD4	F1		38A			
19792		XA334	79											MCY09A1	03	MCMMCA	01	4	TD4	F1		39B			
08952		XA334	80											DNW	01				TD4						
18854		XA335	01			XA224	48			16B	9			MAY110X	03	MAHC1A	01	1	TT3	A2		02B			
08953		XA335	02											GND	01				TT3			01B			
18855		XA335	03			XA335	54			16B	9			MPBA1Q	02	MAHC1A	01	2	TT3	A2		02A			
18850		XA335	04			XA336	54			16B	9			MAHC0A	01	MAHC0A	00	1	TT3	A1		04A		MBA 10 COMP PRT A*	
18856		XA335	05			XA321	69			16B	9			MAYS1TX	09	MAHC1A	01	3	TT3	A2		03B			
18851		XA335	06			XA224	57			16B	9			MAY100X	03	MAHC0A	01	1	TT3	A1		05A			
18857		XA335	07											MAHC1A	02	MAHC1A	00	1	TT3	A2		03A		MBA 11 COMP PRT A*	
18852		XA335	08			XA335	35			16B	9			MPBA0Q	02	MAHC0A	01	2	TT3	A1		06A			
18858		XA335	09			XA224	69			16B	9			MAY120X	03	MAHC2A	01	1	TT3	A3		04B			
18853		XA335	10			XA335	13			16B	9			MAYS1TX	07	MAHC0A	01	3	TT3	A1		07A			
18859		XA335	11			XA335	46			16B	9			MPBA2Q	02	MAHC2A	01	2	TT3	A3		05B			
08954		XA335	12											+5V	01				TT3						
18860		XA335	13			XA335	05			16B	9			MAYS1TX	08	MAHC2A	01	3	TT3	A3		06B			
18882		XA335	14											MAY10A	02	MALC0A	01	1	TT3	B2		09A			
18861		XA335	15			XA336	41			16B	9			MAHC2A	01	MAHC2A	00	1	TT3	A3		07B		MBA 12 COMP PRT A*	
08955		XA335	16											GND	01				TT3			21B			
18883		XA335	17			XA232	59			16B	9			MPBA0P	04	MALC0A	01	2	TT3	B2		08B			
18884		XA335	18			XA335	10			16B	9			MAYS1TX	06	MALC0A	01	3	TT3	B2		10A			
CONNECTOR (XA335) CONTINUED ON THE NEXT PAGE ****																									

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Litton DATA SYSTEMS

DRAWING NUMBER 149304-880 UNIT ASSEMBLY NO. 149304 REV G INDEX XA335

UNIT ASSEMBLY CARD CAGE WIRED, MCU CONNECTOR FILE IDENT T39AMCMU DATE 09-02-82 PAGE 300

RECORD NUMBER	FROM PREFIX	FROM CONNECTOR	FROM PIN	FROM SH FG	TO PREFIX	TO CONNECTOR	TO PIN	TO SH FG	WIRE MULTI GROUP	WIRE CODE	WIRE COLOR	WIRE IDENT	SPEC INST MISC	SIGNAL	SEC NO	EQUATION	TERM	FACTOR	EXT OR CHIP TYPE	GROUP	HOOK UP POWER PLANE	TEST POINTS AND/OR	SIGNAL DESCRIPTION	ECO NO
18885		XA335	19											MALC0A	02	MALC0A	00	1	TT3	B2		09B	MBA 10 COMP PRT A*	
18862		XA335	20											MAHC3A	02	MAHC3A	00	1	TT3	B1		11A	MBA 13 COMP PRT A*	
18886		XA335	21			XA336	60			16B	9			MAY11A	01	MALC1A	01	1	TT3	B3		10B		
18863		XA335	22			XA224	75			16B	9			MAY130X	03	MAHC3A	01	1	TT3	B1		12A		
18887		XA335	23			XA232	57			16B	9			MPBA1P	04	MALC1A	01	2	TT3	B3		11B		
18864		XA335	24			XA335	47			16B	9			MPBA3Q	02	MAHC3A	01	2	TT3	B1		13A		
18888		XA335	25			XA335	26			16B	9			MAYS1TX	04	MALC1A	01	3	TT3	B3		12B		
18865		XA335	26			XA335	18			16B	9			MAYS1TX	05	MAHC3A	01	3	TT3	B1		14A		
18889		XA335	27			XA336	50			16B	9			MALC1A	01	MALC1A	00	1	TT3	B3		13B	MBA 11 COMP PRT A*	
08956		XA335	28											+5V	01				TT3					
18894		XA335	29			XA336	63			16B	9			MAY13A	01	MALC3A	01	1	TT3	C2		14B		
18895		XA335	30			XA232	69			16B	9			MPBA3P	04	MALC3A	01	2	TT3	C2		15A		
18896		XA335	31			XA336	49			16B	9			MALC3A	01	MALC3A	00	1	TT3	C2		15B	MBA 13 COMP PRT A*	
08957		XA335	32											GND	01				TT3			27A		
19290		XA335	33			XA233	54			16B	9			MBY100X	02	MBHC0A	01	1	TT3	C3		16B		
18897		XA335	34			XA335	25			16B	9			MAYS1TX	03	MALC3A	01	3	TT3	C2		16A		
19291		XA335	35			XA428	08			16B	9			MPBA0Q	03	MBHC0A	01	2	TT3	C3		17B		
18890		XA335	36											MALC2A	02	MALC2A	00	1	TT3	C1		17A	MBA 12 COMP PRT A*	
19292		XA335	37			XA321	65			16B	9			MBYS1TX	09	MBHC0A	01	3	TT3	C3		18B		
18891		XA335	38											MAY12A	02	MALC2A	01	1	TT3	C1		18A		
19293		XA335	39			XA336	77			16B	9			MBHC0A	01	MBHC0A	00	1	TT3	C3		19B	MBA 10 COMP PRT A*	
18892		XA335	40			XA232	76			16B	9			MPBA2P	04	MALC2A	01	2	TT3	C1		19A		
19298		XA335	41			XA233	41			16B	9			MBY120X	02	MBHC2A	01	1	TT3	D2		22B		
18893		XA335	42			XA335	34			16B	9			MAYS1TX	02	MALC2A	01	3	TT3	C1		20A		
19299		XA335	43			XA336	65			16B	9			MBHC2A	01	MBHC2A	00	1	TT3	D2		23B	MBA 12 COMP PRT A*	
08958		XA335	44											GND	01				TT3			40A		
19302		XA335	45			XA233	47			16B	9			MBY130X	02	MBHC3A	01	1	TT3	D3		24B		
19300		XA335	46			XA428	11			16B	9			MPBA2Q	03	MBHC2A	01	2	TT3	D2		21A		
19303		XA335	47			XA428	24			16B	9			MPBA3Q	03	MBHC3A	01	2	TT3	D3		25B		
19301		XA335	48			XA335	49			16B	9			MBYS1TX	07	MBHC2A	01	3	TT3	D2		22A		
19304		XA335	49			XA335	37			16B	9			MBYS1TX	08	MBHC3A	01	3	TT3	D3		26B		
19294		XA335	50											MBHC1A	02	MBHC1A	00	1	TT3	D1		23A	MBA 11 COMP PRT A*	
19305		XA335	51											MBHC3A	02	MBHC3A	00	1	TT3	D3		27B	MBA 13 COMP PRT A*	
19295		XA335	52			XA233	48			16B	9			MBY110X	02	MBHC1A	01	1	TT3	D1		24A		
19326		XA335	53			XA233	46			16B	9			MBY11A	01	MBLC1A	01	1	TT3	E2		28B		
19296		XA335	54			XA428	03			16B	9			MPBA1Q	03	MBHC1A	01	2	TT3	D1		25A		
19327		XA335	55											MBLC1A	02	MBLC1A	00	1	TT3	E2		29B	MBA 11 COMP PRT B*	
19297		XA335	56			XA335	48			16B	9			MBYS1TX	06	MBHC1A	01	3	TT3	D1		26A		
19330		XA335	57			XA233	45			16B	9			MBY12A	01	MBLC2A	01	1	TT3	E3		30B		
08959		XA335	58											GND	01				TT3			40B		
19331		XA335	59			XA335	40			16B	9			MPBA2P	03	MBLC2A	01	2	TT3	E3		31B		
19328		XA335	60			XA335	23			16B	9			MPBA1P	03	MBLC1A	01	2	TT3	E2		28A		
19332		XA335	61			XA335	62			16B	9			MBYS1TX	04	MBLC2A	01	3	TT3	E3		32B		
19329		XA335	62			XA335	56			16B	9			MBYS1TX	05	MBLC1A	01	3	TT3	E2		29A		
19333		XA335	63			XA336	74			16B	9			MBLC2A	01	MBLC2A	00	1	TT3	E3		33B	MBA 12 COMP PRT B*	
19322		XA335	64			XA336	79			16B	9			MBLC0A	01	MBLC0A	00	1	TT3	E1		30A	MBA 10 COMP PRT B*	
08960		XA335	65			XA334	70			16B	9			SPI018	28		01	1	TT3	F2		34B		
19323		XA335	66											MBY10A	02	MBLC0A	01	1	TT3	E1		31A		
08961		XA335	67											GND	01				TT3					
19324		XA335	68			XA335	17			16B	9			MPBA0P	03	MBLC0A	01	2	TT3	E1		32A		

CONNECTOR XA335) CONTINUED ON THE NEXT PAGE ****

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RECORD NUMBER	FROM PREFIX	FROM CONNECTOR	FROM PIN	FROM SHEET	TO PREFIX	TO CONNECTOR	TO PIN	TO SHEET	WIRE MULTI GROUP	WIRE CODE	WIRE COLOR	WIRE IDENT	SPECIAL MISC	SIGNAL	SEQ NO	EQUATION	TERM FACTOR	CKT OR CHIP TYPE	GROUP	LOAD OR POWER FLAGS	TEST POINTS AND	TEST POINTS OR	SIGNAL DESCRIPTION	ECO NO
21765		XA335	69											MRM01P	04	MRMITA	01 1	TT3	F3		35A			
19325		XA335	70			XA335	61			16B	9			MBYS1TX	03	MBLC0A	01 3	TT3	E1		33A			
08962		XA335	71			XA334	68			16B	9			SPI017	22		01 2	TT3	F2		36A			
08963		XA335	72			XA334	61			16B	9			SPI016	07		01 3	TT3	F2		34A			
19334		XA335	73											MBLC3A	02	MBLC3A	00 1	TT3	F1		36B		MBA 13 COMP PRT B*	
08964		XA335	74											SP0	01		00 1	TT3	F2		35B			
19335		XA335	75			XA233	51			16B	9			MBY13A	01	MBLC3A	01 1	TT3	F1		37B			
21766		XA335	76											MRM00Q	03	MRMITA	01 2	TT3	F3		37A			
19336		XA335	77			XA335	30			16B	9			MPBA3P	03	MBLC3A	01 2	TT3	F1		38B			
21767		XA335	78											MTC08P	02	MRMITA	01 3	TT3	F3		38A			
19337		XA335	79			XA335	70			16B	9			MBYS1TX	02	MBLC3A	01 3	TT3	F1		39B			
21768		XA335	80			XA236	57			16B	9			MRMITA	01	MRMITA	00 1	TT3	F3		39A			
19476		XA336	01			XA338	05			16B	9			MBREQS	02	MBREQS	00 1	TQ2	A2		02B		PORT B REQUEST	
08965		XA336	02											GND	01			TQ2			01A			
19039		XA336	03			XA239	49			16B	9			MAENE0	03	MARQRA	01 1	TQ2	A3		02A			
19477		XA336	04			XA337	35			16B	9			MBREQA	01	MBREQS	01 1	TQ2	A2		04A			
19478		XA336	05											MBREQR	03	MBREQS	01 2	TQ2	A2		03B			
19036		XA336	06			XA334	06			16B	9			MAREQS	03	MAREQS	00 1	TQ2	A1		05A		PORT A REQUEST	
19040		XA336	07			XA235	75			16B	9			MTR050	04	MARQRA	01 2	TQ2	A3		03A			
19037		XA336	08			XA337	23			16B	9			MAREQA	01	MAREQS	01 1	TQ2	A1		06A			
19041		XA336	09											MARQRA	02	MARQRA	00 1	TQ2	A3		04B		PORT A REQ RST*	
19038		XA336	10											MAREQR	02	MAREQS	01 2	TQ2	A1		07A			
19479		XA336	11			XA322	39			16B	9			MBENE0	06	MBRQRA	01 1	TQ2	A4		05B			
08966		XA336	12											+5V	01			TQ2						
19480		XA336	13			XA336	07			16B	9			MTR050	03	MBRQRA	01 2	TQ2	A4		06B			
19130		XA336	14			XA334	24			16B	9			MAY07A	01	MAY07A	00 1	TQ2	B2		09A		07 BIT PORT A*	
19481		XA336	15											MBRQRA	02	MBRQRA	00 1	TQ2	A4		07B		PRT B REQUEST RST*	
08967		XA336	16											GND	01			TQ2			01B			
19137		XA336	17			XA224	47			16B	9			MAY080X	02	MAY08A	01 1	TQ2	B3		08B			
19131		XA336	18			XA333	25			16B	9			MAY070X	01	MAY07A	01 1	TQ2	B2		10A			
19138		XA336	19			XA336	25			16B	9			SPI016	03	MAY08A	01 2	TQ2	B3		09B			
19132		XA336	20			XA336	19			16B	9			SPI016	02	MAY07A	01 2	TQ2	B2		11A			
19139		XA336	21			XA334	25			16B	9			MAY08A	01	MAY08A	00 1	TQ2	B3		10B		08 BIT PORT A*	
19123		XA336	22			XA334	22			16B	9			MAY06A	01	MAY06A	00 1	TQ2	B1		12A		06 BIT PORT A*	
19144		XA336	23			XA333	36			16B	9			MAY090X	01	MAY09A	01 1	TQ2	B4		11B			
19124		XA336	24			XA333	19			16B	9			MAY060X	01	MAY06A	01 1	TQ2	B1		13A			
19145		XA336	25			XA336	26			16B	9			SPI016	04	MAY09A	01 2	TQ2	B4		12B			
19125		XA336	26			XA336	42			16B	9			SPI016	05	MAY06A	01 2	TQ2	B1		14A			
19146		XA336	27			XA334	26			16B	9			MAY09A	01	MAY09A	00 1	TQ2	B4		13B		09 BIT PORT A*	
08968		XA336	28											+5V	01			TQ2						
19574		XA336	29			XA221	09			16B	9			MBY080X	02	MBY08A	01 1	TQ2	C3		14B			
19567		XA336	30			XA334	18			16B	9			MBY07A	01	MBY07A	00 1	TQ2	C2		15A		07 BIT PORT B*	
19575		XA336	31			XA336	36			16B	9			SPI019	29	MBY08A	01 2	TQ2	C3		15B			
08969		XA336	32											GND	01			TQ2			20B			
19576		XA336	33			XA334	19			16B	9			MBY08A	01	MBY08A	00 1	TQ2	C3		16B		08 BIT PORT B*	
19568		XA336	34			XA222	68			16B	9			MBY070X	02	MBY07A	01 1	TQ2	C2		16A			
19581		XA336	35			XA332	55			16B	9			MBY090X	01	MBY09A	01 1	TQ2	C4		17B			
19569		XA336	36			XA338	31			16B	9			SPI019	30	MBY07A	01 2	TQ2	C2		17A			

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DRAWING NUMBER 149304-880 UNIT ASSEMBLY NO. 149304 REV G INDEX XA336

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RECORD NUMBER	FROM PREFIX	FROM CONNECTOR	FROM PIN	FROM SH FG	TO PREFIX	TO CONNECTOR	TO PIN	TO SH FG	WIRE MULTI GROUP	WIRE CODE	WIRE COLOR	WIRE IDENT	SPC INST MISC	SIGNAL	SEQ NO	EQUATION	TERM	FACTOR	CKT OR CHIP TYPE	GROUP	LOAD OR POWER PLANE	TEST POINTS AND/OR	SIGNAL DESCRIPTION	ECO NO
19582		XA336	37			XA336	31			16B	9			SPI019	28	MBY09A	01	2	TQ2	C4		18B		
19560		XA336	38			XA334	14			16B	9			MBY06A	01	MBY06A	00	1	TQ2	C1		18A	06 BIT PORT B*	
19583		XA336	39			XA334	20			16B	9			MBY09A	01	MBY09A	00	1	TQ2	C4		19B	09 BIT PORT B*	
19561		XA336	40			XA332	49			16B	9			MBY060X	01	MBY06A	01	1	TQ2	C1		19A		
18904		XA336	41											MAHC2A	02	MAMC20	01	1	TQ2	D3		22B		
19562		XA336	42			XA335	72			16B	9			SPI016	06	MBY06A	01	2	TQ2	C1		20A		
18905		XA336	43			XA335	36			16B	9			MALC2A	01	MAMC20	01	2	TQ2	D3		23B		
08970		XA336	44											GND	01				TQ2			21B		
18906		XA336	45											MAMC20	02	MAMC20	00	1	TQ2	D3		24B	MBA PORT A BIT 12	
18901		XA336	46			XA337	18			16B	9			MAMC10	01	MAMC10	00	1	TQ2	D2		21A	MBA PORT A BIT 11	
18907		XA336	47			XA335	20			16B	9			MAHC3A	01	MAMC30	01	1	TQ2	D4		25B		
18902		XA336	48			XA335	07			16B	9			MAHC1A	01	MAMC10	01	1	TQ2	D2		22A		
18908		XA336	49											MALC3A	02	MAMC30	01	2	TQ2	D4		26B		
18903		XA336	50											MALC1A	02	MAMC10	01	2	TQ2	D2		23A		
18909		XA336	51											MAMC30	02	MAMC30	00	1	TQ2	D4		27B	MBA PORT A BIT 13	
18898		XA336	52											MAMC00	02	MAMC00	00	1	TQ2	D1		24A	MBA PORT A BIT 10	
19165		XA336	53			XA335	09			16B	9			MAY120X	02	MAY12A	01	1	TQ2	E3		28B		
18899		XA336	54											MAHC0A	02	MAMC00	01	1	TQ2	D1		25A		
19166		XA336	55			XA336	37			16B	9			SPI019	27	MAY12A	01	2	TQ2	E3		29B		
18900		XA336	56			XA335	19			16B	9			MALC0A	01	MAMC00	01	2	TQ2	D1		26A		
19167		XA336	57			XA335	38			16B	9			MAY12A	01	MAY12A	00	1	TQ2	E3		30B	12 BIT PORT A*	
08971		XA336	58											GND	01				TQ2			27A		
19172		XA336	59			XA335	22			16B	9			MAY130X	02	MAY13A	01	1	TQ2	E4		31B		
19158		XA336	60											MAY11A	02	MAY11A	00	1	TQ2	E2		28A	11 BIT PORT A*	
19173		XA336	61			XA336	55			16B	9			SPI019	26	MAY13A	01	2	TQ2	E4		32B		
19159		XA336	62			XA333	37			16B	9			MAY110X	01	MAY11A	01	1	TQ2	E2		29A		
19174		XA336	63											MAY13A	02	MAY13A	00	1	TQ2	E4		33B	13 BIT PORT A*	
19160		XA336	64			XA336	61			16B	9			SPI019	25	MAY11A	01	2	TQ2	E2		30A		
19344		XA336	65											MBHC2A	02	MBMC20	01	1	TQ2	F3		34B		
19151		XA336	66			XA335	14			16B	9			MAY10A	01	MAY10A	00	1	TQ2	E1		31A	10 BIT PORT A*	
08972		XA336	67											GND	01				TQ2			40A		
19152		XA336	68			XA333	31			16B	9			MAY100X	01	MAY10A	01	1	TQ2	E1		32A		
19345		XA336	69			XA337	34			16B	9			MBMC20	01	MBMC20	00	1	TQ2	F3		35A	MBA PORT B BIT 12	
19153		XA336	70			XA336	64			16B	9			SPI019	24	MAY10A	01	2	TQ2	E1		33A		
19341		XA336	71			XA335	50			16B	9			MBHC1A	01	MBMC10	01	1	TQ2	F2		36A		
19342		XA336	72			XA337	31			16B	9			MBMC10	01	MBMC10	00	1	TQ2	F2		34A	MBA PORT B BIT 11	
19343		XA336	73			XA335	55			16B	9			MBLC1A	01	MBMC10	01	2	TQ2	F2		36B		
19346		XA336	74											MBLC2A	02	MBMC20	01	2	TQ2	F3		35B		
19338		XA336	75			XA337	30			16B	9			MBMC00	01	MBMC00	00	1	TQ2	F1		37B	MBA PORT B BIT 10	
19347		XA336	76			XA335	51			16B	9			MBHC3A	01	MBMC30	01	1	TQ2	F4		37A		
19339		XA336	77											MBHC0A	02	MBMC00	01	1	TQ2	F1		38B		
19348		XA336	78			XA335	73			16B	9			MBLC3A	01	MBMC30	01	2	TQ2	F4		38A		
19340		XA336	79											MBLC0A	02	MBMC00	01	2	TQ2	F1		39B		
19349		XA336	80			XA337	36			16B	9			MBMC30	01	MBMC30	00	1	TQ2	F4		39A	MBA PORT B BIT 13	
21183		XA337	01			XA337	61			16B	9			MTC00P	00	MPPASA	01	1	TS8	A1		02B		
08973		XA337	02											GND	01				TS8			01A		
08974		XA337	03											DNW	01				TS8					
21184		XA337	04			XA337	62			16B	9			MTC22P	01	MPPASA	01	2	TS8	A1		04A		
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DRAWING NUMBER 149304-880 UNIT ASSEMBLY NO. 149304 REV G INDEX XA337

UNIT ASSEMBLY CARD CAGE WIRED, MCU CONNECTOR FILE IDENT T39AMCMU DATE 09-02-82 PAGE 303

RECORD NUMBER	FROM PREFIX	FROM CONNECTOR	FROM PIN	FROM SHEET	TO PREFIX	TO CONNECTOR	TO PIN	TO SHEET	WIRE MULTI GROUP	WIRE CODE	WIRE COLOR	WIRE IDENT	WIRE SPECIAL	SIGNAL	SEQ NO	EQUATION	TERM	TERM FACTOR	CKT OR CHIP TYPE	GRAP	LOAD OR POWER PLANE	TEST POINTS AND/OR	SIGNAL DESCRIPTION	ECO NO
21185		XA337	05			XA336	06			16B	9			MAREQS	02	MPPASA	01	3	TS8	A1		03B		
21186		XA337	06			XA233	36			16B	9			MPHLDA	00	MPPASA	01	4	TS8	A1		05A		
21187		XA337	07							16B	9			MPPAMR	03	MPPASA	01	5	TS8	A1		03A		
21188		XA337	08			XA338	13			16B	9			SPIO19	01	MPPASA	01	6	TS8	A1		06A		
08975		XA337	09											DNW	01				TS8					
21189		XA337	10			XA237	80			16B	9			MPACIO	07	MPPASA	01	7	TS8	A1		07A		
21190		XA337	11			XA241	74			16B	9			MPPASA	01	MPPASA	00	1	TS8	A1		05B	A PRIORITY SET*	
08976		XA337	12											+5V	01				TS8					
21191		XA337	13			XA337	56			16B	9			MPENTR	03	MPPASA	01	8	TS8	A1		06B		
19022		XA337	14			XA336	52			16B	9			MAMC00	01	MAREQA	01	1	TS8	B1		09A		
08977		XA337	15											DNW	01				TS8					
08978		XA337	16											GND	01				TS8			21B		
08979		XA337	17											DNW	01				TS8					
19023		XA337	18											MAMC10	02	MAREQA	01	2	TS8	B1		10A		
19024		XA337	19			XA336	45			16B	9			MAMC20	01	MAREQA	01	3	TS8	B1		09B		
19025		XA337	20			XA336	51			16B	9			MAMC30	01	MAREQA	01	4	TS8	B1		11A		
08980		XA337	21											DNW	01				TS8					
19026		XA337	22			XA237	24			16B	9			MAYACOX	01	MAREQA	01	5	TS8	B1		12A		
19027		XA337	23											MAREQA	02	MAREQA	00	1	TS8	B1		11B	PRT A REQUEST SET*	
19028		XA337	24			XA233	33			16B	9			MAMMCO	01	MAREQA	01	6	TS8	B1		13A		
19029		XA337	25			XA238	33			16B	9			MPINRA	04	MAREQA	01	7	TS8	B1		12B		
19030		XA337	26			XA238	74			16B	9			MPOBCA	04	MAREQA	01	8	TS8	B1		14A		
08981		XA337	27											DNW	01				TS8					
08982		XA337	28											+5V	01				TS8					
08983		XA337	29											DNW	01				TS8					
19462		XA337	30											MBMC00	02	MBREQA	01	1	TS8	C1		15A		
19463		XA337	31											MBMC10	02	MBREQA	01	2	TS8	C1		15B		
08984		XA337	32											GND	01				TS8			27A		
08985		XA337	33											DNW	01				TS8					
19464		XA337	34											MBMC20	02	MBREQA	01	3	TS8	C1		16A		
19465		XA337	35											MBREQA	02	MBREQA	00	1	TS8	C1		17B	PRT B REQUEST SET*	
19466		XA337	36											MBMC30	02	MBREQA	01	4	TS8	C1		17A		
19467		XA337	37			XA237	18			16B	9			MBYACOX	01	MBREQA	01	5	TS8	C1		18B		
19468		XA337	38			XA233	39			16B	9			MBMMCO	01	MBREQA	01	6	TS8	C1		18A		
08986		XA337	39											DNW	01				TS8					
19469		XA337	40			XA337	25			16B	9			MPINRA	03	MBREQA	01	7	TS8	C1		19A		
08987		XA337	41											DNW	01				TS8					
19470		XA337	42			XA337	26			16B	9			MPOBCA	03	MBREQA	01	8	TS8	C1		20A		
21200		XA337	43											MBREQS	05	MPPBSA	01	1	TS8	D1		23B		
08988		XA337	44											GND	01				TS8			40A		
08989		XA337	45											DNW	01				TS8					
21201		XA337	46			XA434	59			16B	9			MPPBMR1	01	MPPBSA	01	2	TS8	D1		21A		
21202		XA337	47											MPPBSA	03	MPPBSA	00	1	TS8	D1		25B	B PRIORITY SET*	
21203		XA337	48			XA342	19			16B	9			SPIO17	291	MPPBSA	01	3	TS8	D1		22A		
21204		XA337	49			XA434	47			16B	9			MDHLDR1	02	MPPBSA	01	4	TS8	D1		26B		
21205		XA337	50			XA240	76			16B	9			MCHLDR1	05	MPPBSA	01	5	TS8	D1		23A		
08990		XA337	51											DNW	01				TS8					
21206		XA337	52			XA430	01			16B	9			MPANTO	03	MPPBSA	01	6	TS8	D1		24A		
08991		XA337	53											DNW	01				TS8					
21207		XA337	54			XA334	13			16B	9			MPACIO	04	MPPBSA	01	7	TS8	D1		25A		
CONNECTOR XA337 CONTINUED ON THE NEXT PAGE ****																								

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Litton DATA SYSTEMS

DRAWING NUMBER 149304-880 UNIT ASSEMBLY NO. 149304 REV G INDEX XA337

UNIT ASSEMBLY CARD CAGE WIRED, MCU CONNECTOR FILE IDENT T39AMCMU DATE 09-02-82 PAGE 304

RECORD NUMBER	FROM PREFIX	FROM CONNECTOR	FROM PIN	FROM SH FG	TO PREFIX	TO CONNECTOR	TO PIN	TO SH FG	WIRE MULTI GROUP	WIRE CODE	WIRE COLOR	WIRE IDENT	SPC TEST MISC	SIGNAL	SEC NO	EQUATION	TERM	FACTOR	CKT OR CHIP TYPE	GROUP	LOAD CP POWER PLANE	TEST POINTS AND/OR	SIGNAL DESCRIPTION	ECO NO
22275		XA337	55			XA241	76			16B	9			MPENTS	01	MTSRTA	01	1	TS8	E1		29B		
21208		XA337	56			XA430	13			16B	9			MPENTR	04	MPPBSA	01	8	TS8	D1		26A		
08992		XA337	57											DNW	01				TS8					
08993		XA337	58											GND	01				TS8					
22276		XA337	59											MTSRTA	02	MTSRTA	00	1	TS8	E1		31B	PRIORITY ENABLED*	
22277		XA337	60											MPRSTO	02	MTSRTA	01	2	TS8	E1		28A		
22278		XA337	61			XA239	73			16B	9			MTC00P	01	MTSRTA	01	3	TS8	E1		32B		
22279		XA337	62			XA239	74			16B	9			MTC22P	02	MTSRTA	01	4	TS8	E1		29A		
08994		XA337	63											DNW	01				TS8					
22280		XA337	64											MTMRBB	16	MTSRTA	01	5	TS8	E1		30A		
08995		XA337	65											DNW	01				TS8					
22281		XA337	66			XA239	71			16B	9			SPI004	14	MTSRTA	01	6	TS8	E1		31A		
08996		XA337	67											GND	01				TS8					
22282		XA337	68			XA337	48			16B	9			SPI017	29	MTSRTA	01	7	TS8	E1		32A		
08997		XA337	69											DNW	01				TS8					
22283		XA337	70			XA338	71			16B	9			SPI018	11	MTSRTA	01	8	TS8	E1		33A		
08998		XA337	71			XA324	04			16B	9			SPI017	31		01	1	TS8	F1		36A		
08999		XA337	72			XA342	48			16B	9			SPI029	05		01	2	TS8	F1		34A		
09000		XA337	73			XA339	53			16B	9			SPI021	005		01	3	TS8	F1		36B		
09001		XA337	74			XA342	09			16B	9			SPI012	01		01	4	TS8	F1		35B		
09002		XA337	75			XA342	08			16B	9			SPI008	005		01	5	TS8	F1		37B		
09003		XA337	76											SPO	01		00	1	TS8	F1		37A	PRIORITY ERROR*	
09004		XA337	77			XA330	61			16B	9			SPI002	005		01	6	TS8	F1		38B		
09005		XA337	78			XA338	78			16B	9			SPI018	14		01	7	TS8	F1		38A		
09006		XA337	79			XA336	70			16B	9			SPI019	23		01	8	TS8	F1		39B		
09007		XA337	80											DNW	01				TS8					
19259		XA338	01											MBCTSA	02	MBCTSA	00	1	TQ2	A2		02B	MBA ACT PRT B ENA*	
09008		XA338	02											GND	01				TQ2			01A		
19047		XA338	03											MASBRA	03	MASHDO	01	1	TQ2	A3		02A		
19260		XA338	04			XA233	09			16B	9			MBACTO	01	MBCTSA	01	1	TQ2	A2		04A		
19261		XA338	05			XA337	43			16B	9			MBREQS	03	MBCTSA	01	2	TQ2	A2		03B		
18819		XA338	06											MACTSA	02	MACTSA	00	1	TQ2	A1		05A	MBA ACT PRT A ENA*	
19048		XA338	07			XA235	59			16B	9			MTR01A	04	MASHDO	01	2	TQ2	A3		03A		
18820		XA338	08			XA233	01			16B	9			MAACTO	01	MACTSA	01	1	TQ2	A1		06A		
19049		XA338	09											MASHDO	03	MASHDO	00	1	TQ2	A3		04B	PORT A HOLD SAMPLE	
18821		XA338	10			XA337	05			16B	9			MAREQS	01	MACTSA	01	2	TQ2	A1		07A		
19061		XA338	11			XA240	25			16B	9			MAYHCOX	01	MAYHCA	01	1	TQ2	A4		05B		
09009		XA338	12											+5V	01				TQ2					
19062		XA338	13			XA338	20			16B	9			SPI019	02	MAYHCA	01	2	TQ2	A4		06B		
19501		XA338	14											MBYHCA	02	MBYHCA	00	1	TQ2	B2		09A	HLD CONTROL PRT B*	
19063		XA338	15											MAYHCA	02	MAYHCA	00	1	TQ2	A4		07B	HLD CONTROL PRT A*	
09010		XA338	16											GND	01				TQ2			01B		
21414		XA338	17			XA236	55			16B	9			MPSBRR	06	MPWSTO	01	1	TQ2	B3		08B		
19502		XA338	18			XA220	75			16B	9			MBYHCOX	02	MBYHCA	01	1	TQ2	B2		10A		
21415		XA338	19											MPRMWO	03	MPWSTO	01	2	TQ2	B3		09B		
19503		XA338	20			XA338	36			16B	9			SPI019	03	MBYHCA	01	2	TQ2	B2		11A		
21416		XA338	21			XA236	66			16B	9			MPWSTO	01	MPWSTO	00	1	TQ2	B3		10B	S1B WAIT CW & RM	
19487		XA338	22			XA240	35			16B	9			MBSHDO	01	MBSHDO	00	1	TQ2	B1		12A	PORT B HOLD SAMPLE	

CONNECTOR XA338) CONTINUED ON THE NEXT PAGE ***

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RECORD NUMBER	FROM PREFIX	FROM CONNECTOR	FROM PIN	FROM SH FG	TO PREFIX	TO CONNECTOR	TO PIN	TO SH FG	WIRE MULTI GROUP	WIRE CODE	WIRE COLOR	WIRE IDENT	SPLICE INST SIG	SIGNAL	SIG NO	EQUATION	TERM	LOAD FACTOR	CKT OR CHIP TYPE	GROUP	LOAD OR POWER PLANE	TEST POINTS AND	TEST POINTS ON	SIGNAL DESCRIPTION	ECO NO
09011		XA338	23			XA433	03			16B	9			SPI005	07L		01	1	TQ2	B4		11B			
19488		XA338	24											MBSBRA	03	MBSHDO	01	1	TQ2	B1		13A			
09012		XA338	25			XA342	23			16B	9			SPI020	083		01	2	TQ2	B4		12B			
19489		XA338	26			XA338	07			16B	9			MTR01A	03	MBSHDO	01	2	TQ2	B1		14A			
09013		XA338	27											SPO	02		00	1	TQ2	B4		13B		MASTER RST PRT A *	
09014		XA338	28											+5V	01				TQ2						
18838		XA338	29			XA338	47			16B	9			MAENAA	04	MAENBO	01	1	TQ2	C3		14B			
09015		XA338	30											MAENAB	22				TQ2	C2		15A			
18825		XA338	30			XA338	33			16B	9		P	MAENAO	01	MAENAB	01	1	TQ2	C2		15A		PRIORITY PORT A	
18833		XA338	30										J	MAENAO	01	MAENAO	00	1	TQ2	C2		15A		MAENAB BUSS A	
18839		XA338	31			XA339	41			16B	9			SPI019	31	MAENBO	01	2	TQ2	C3		15B			
09016		XA338	32											GND	01				TQ2			20B			
18826		XA338	33			XA333	08			16B	9		P	MAENBO	02	MAENAB	01	2	TQ2	C3		16B			
18840		XA338	33										J	MAENBO	01	MAENBO	00	1	TQ2	C3		16B		MAENAB BUSS A	
18834		XA338	34			XA338	54			16B	9			MAENAA	06	MAENAO	01	1	TQ2	C2		16A			
09017		XA338	35			XA338	59			16B	9			SPI018	08		01	1	TQ2	C4		17B			
18835		XA338	36			XA338	37			16B	9			SPI019	04	MAENAO	01	2	TQ2	C2		17A			
09018		XA338	37			XA338	43			16B	9			SPI019	05		01	2	TQ2	C4		18B			
09019		XA338	38											SPO	02		00	1	TQ2	C1		18A		MASTER RST PRT B *	
09020		XA338	39											SPO	01		00	1	TQ2	C4		19B			
09021		XA338	40			XA338	23			16B	9			SPI005	07C		01	1	TQ2	C1		19A			
19278		XA338	41											MBENAA	06	MBENBO	01	1	TQ2	D3		22B			
09022		XA338	42			XA338	25			16B	9			SPI020	081		01	2	TQ2	C1		20A			
19279		XA338	43			XA338	49			16B	9			SPI019	06	MBENBO	01	2	TQ2	D3		23B			
09023		XA338	44											GND	01				TQ2			21B			
19265		XA338	45			XA338	46			16B	9		P	MBENBO	20	MBENAB	01	2	TQ2	D3		24B			
19280		XA338	45										J	MBENBO	01	MBENBO	00	1	TQ2	D3		24B		MBENAB BUSS A	
19266		XA338	46	3		XA331	08	3		16B	9		P	MBENAO	21	MBENAB	01	1	TQ2	D2		21A		PRIORITY PORT B	
19273		XA338	46										J	MBENAO	01	MBENAO	00	1	TQ2	D2		21A		MBENAB BUSS A	
18841		XA338	47			XA338	34			16B	9			MAENAA	05	MAENCO	01	1	TQ2	D4		25B			
19274		XA338	48			XA338	55			16B	9			MBENAA	04	MBENAO	01	1	TQ2	D2		22A			
18842		XA338	49			XA338	50			16B	9			SPI019	07	MAENCO	01	2	TQ2	D4		26B			
19275		XA338	50			XA339	47			16B	9			SPI019	08	MBENAO	01	2	TQ2	D2		23A			
18836		XA338	51	3		XA333	03	3		16B	9		P	MAENCO	16	MAENBB	01	1	TQ2	D4		27B		PRIORITY PORT A	
18843		XA338	51										J	MAENCO	01	MAENCO	00	1	TQ2	D4	B02	27B		MAENBB BUSS B	
18837		XA338	52			XA338	51			16B	9		P	MAENDO	15	MAENBB	01	2	TQ2	D1		24A			
18844		XA338	52										J	MAENDO	01	MAENDO	00	1	TQ2	D1		24A		MAENBB BUSS B	
19281		XA338	53			XA338	61			16B	9			SPI019	13	MBENCO	01	1	TQ2	E3		28B			
18845		XA338	54											MAENAA	07	MAENDO	01	1	TQ2	D1		25A			
19282		XA338	55			XA338	41			16B	9			MBENAA	05	MBENCO	01	2	TQ2	E3		29B			
18846		XA338	56			XA338	53			16B	9			SPI019	12	MAENDO	01	2	TQ2	D1		26A			
09024		XA338	57											MBENBB	17				TQ2	E3		30B			
19276		XA338	57			XA338	66			16B	9		P	MBENCO	01	MBENBB	01	1	TQ2	E3		30B		PRIORITY PORT B	
19283		XA338	57										J	MBENCO	01	MBENCO	00	1	TQ2	E3		30B		MBENBB BUSS B	
09025		XA338	58											GND	01				TQ2			27A			
09026		XA338	59			XA338	65			16B	9			SPI018	09		01	1	TQ2	E4		31B			
23328		XA338	60			XA542	47			16B	9			MWSET0	01	MWSET0	00	1	TQ2	E2		28A		WORD RD SRCE TMG	
09027		XA338	61			XA338	64			16B	9			SPI019	16		01	2	TQ2	E4		32B			
23329		XA338	62											MWSETA	02	MWSET0	01	1	TQ2	E2		29A			
09028		XA338	63											SPO	01		00	1	TQ2	E4		33B			

CONNECTOR (XA338) CONTINUED ON THE NEXT PAGE ****

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DRAWING NUMBER 149304-880 UNIT ASSEMBLY NO. 149304 REV G INDEX XA338

UNIT ASSEMBLY CARD CAGE WIRED, MCU CONNECTOR FILE IDENT T39AMCMU DATE 09-02-82 PAGE 306

RECORD NUMBER	FROM PREFIX	FROM CONNECTOR	FROM PIN	FROM SH FG	TO PREFIX	TO CONNECTOR	TO PIN	TO SH FG	WIRE MULTI GROUP	WIRE CODE	WIRE COLOR	WIRE IDENT	SPC INST MISC	SIGNAL	SEQ NO	EQUATION	TERM	FACTOR	CKT OR CHIP TYPE	GRID	LOAD OR POWER PLANE	TEST POINTS AND	TEST POINTS OR	SIGNAL DESCRIPTION	ECO NO
23330		XA338	64			XA338	70			16B	9			SPI019	17	MWSETO	01	2	TQ2	E2		30A			
09029		XA338	65			XA337	70			16B	9			SPI018	10		01	1	TQ2	F3		34B			
19277		XA338	66			XA332	77			16B	9		P	MBEND0	02	MBENBB	01	2	TQ2	E1		31A			
19284		XA338	66										J	MBEND0	01	MBEND0	00	1	TQ2	E1		31A		MBENBB BUSS B	
09030		XA338	67											GND	01				TQ2			40A			
19285		XA338	68			XA338	48			16B	9			MBENAA	03	MBEND0	01	1	TQ2	F1		32A			
09031		XA338	69											SP0	01		00	1	TQ2	F3		35A			
19286		XA338	70			XA338	74			16B	9			SPI019	18	MBEND0	01	2	TQ2	E1		33A			
09032		XA338	71			XA338	77			16B	9			SPI018	12		01	1	TQ2	F2		36A			
09033		XA338	72											SP0	01		00	1	TQ2	E2		34A			
09034		XA338	73			XA338	79			16B	9			SPI019	21		01	2	TQ2	F2		36B			
09035		XA338	74			XA338	76			16B	9			SPI019	19		01	2	TQ2	E3		35B			
09036		XA338	75											SP0	01		00	1	TQ2	F1		37B			
09037		XA338	76			XA338	73			16B	9			SPI019	20		01	1	TQ2	E4		37A			
09038		XA338	77			XA337	78			16B	9			SPI018	13		01	1	TQ2	F1		38B			
09039		XA338	78			XA339	77			16B	9			SPI018	15		01	2	TQ2	E4		38A			
09040		XA338	79			XA337	79			16B	9			SPI019	22		01	2	TQ2	F1		39B			
09041		XA338	80											SP0	01		00	1	TQ2	E4		39A			
22021		XA339	01			XA340	13			16B	9			MSSB6A	01	MSSB6A	00	1	TQ2	A2		02B		B SEN STRB 6 DEC*	
09042		XA339	02											GND	01				TQ2			01A			
22000		XA339	03			XA215	03			16B	9			MUA010	02	MSSA7A	01	1	TQ2	A3		02A			
22022		XA339	04			XA339	03			16B	9			MUA010	01	MSSB6A	01	1	TQ2	A2		04A			
22023		XA339	05			XA235	09			16B	9			MRA250	08	MSSB6A	01	2	TQ2	A2		03B			
21997		XA339	06			XA340	11			16B	9			MSSA6A	01	MSSA6A	00	1	TQ2	A1		05A		A SEN STRB 6 DEC*	
22001		XA339	07			XA339	10			16B	9			MRA25A	02	MSSA7A	01	2	TQ2	A3		03A			
21998		XA339	08			XA215	04			16B	9			MUA000	02	MSSA6A	01	1	TQ2	A1		06A			
22002		XA339	09											MSSA7A	02	MSSA7A	00	1	TQ2	A3		04B		A SEN STRB 7 DEC*	
21999		XA339	10			XA340	31			16B	9			MRA25A	03	MSSA6A	01	2	TQ2	A1		07A			
22024		XA339	11			XA339	08			16B	9			MUA000	01	MSSB7A	01	1	TQ2	A4		05B			
09043		XA339	12											+5V	01				TQ2						
22025		XA339	13			XA339	05			16B	9			MRA250	07	MSSB7A	01	2	TQ2	A4		06B			
21937		XA339	14			XA341	17			16B	9			MSES1A	01	MSES1A	00	1	TQ2	B2		09A		SENSE STROBE 1 *	
22026		XA339	15											MSSB7A	02	MSSB7A	00	1	TQ2	A4		07B		B SEN STRB 7 DEC *	
09044		XA339	16											GND	01				TQ2			01B			
21943		XA339	17			XA341	39			16B	9			MSS020	01	MSES2A	01	1	TQ2	B3		08B			
21938		XA339	18											MSS010	02	MSES1A	01	1	TQ2	B2		10A			
21944		XA339	19			XA339	20			16B	9			MSENT0	01	MSES2A	01	2	TQ2	B3		09B			
21939		XA339	20			XA339	26			16B	9			MSENT0	02	MSES1A	01	2	TQ2	B2		11A			
21945		XA339	21											MSES2A	04	MSES2A	00	1	TQ2	B3		10B		SENSE STROBE 2 *	
21931		XA339	22											MSES0A	04	MSES0A	00	1	TQ2	B1		12A		SENSE STROBE 0 *	
21949		XA339	23											MSS030	02	MSES3A	01	1	TQ2	B4		11B			
21932		XA339	24			XA341	15			16B	9			MSS000	01	MSES0A	01	1	TQ2	B1		13A			
21950		XA339	25			XA339	31			16B	9			MSENT0	04	MSES3A	01	2	TQ2	B4		12B			
21933		XA339	26			XA339	25			16B	9			MSENT0	03	MSES0A	01	2	TQ2	B1		14A			
21951		XA339	27			XA341	41			16B	9			MSES3A	01	MSES3A	00	1	TQ2	B4		13B		SENSE STROBE 3 *	
09045		XA339	28											+5V	01				TQ2						
21967		XA339	29			XA340	15			16B	9			MSS060	01	MSES6A	01	1	TQ2	C3		14B			
21961		XA339	30			XA341	65			16B	9			MSES5A	01	MSES5A	00	1	TQ2	C2		15A		SENSE STROBE 5 *	

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DRAWING NUMBER 149304-880 UNIT ASSEMBLY NO. 149304 REV G INDEX XA339

UNIT ASSEMBLY CARD CAGE WIRED, MCU CONNECTOR FILE IDENT T39AMCMU DATE 09-02-82 PAGE 307

RECORD NUMBER	FROM PREFIX	FROM CONNECTOR	FROM PIN	FROM SH FG	TO PREFIX	TO CONNECTOR	TO PIN	TO SH FG	WIRE MULTI GROUP	WIRE CODE	WIRE COLOR	WIRE IDENT	SPEC INST MISC	SIGNAL	SEQ NO	EQUATION	TERM	FACTOR	CKT OR CHIP TYPE	GROP	LOAD OR POWER PLANE	TEST POINTS AND/OR	SIGNAL DESCRIPTION	ECO NO
21968		XA339	31			XA339	37			16B	9			MSENT0	05	MSES6A	01	2	TQ2	C3		15B		
09046		XA339	32											GND	01				TQ2			20B		
21969		XA339	33			XA340	03			16B	9			MSES6A	01	MSES6A	00	1	TQ2	C3		16B	SENSE STROBE 6 *	
21962		XA339	34											MSS050	02	MSES5A	01	1	TQ2	C2		16A		
21973		XA339	35											MSS070	02	MSES7A	01	1	TQ2	C4		17B		
21963		XA339	36			XA339	42			16B	9			MSENT0	07	MSES5A	01	2	TQ2	C2		17A		
21974		XA339	37			XA339	36			16B	9			MSENT0	06	MSES7A	01	2	TQ2	C4		18B		
21955		XA339	38											MSES4A	04	MSES4A	00	1	TQ2	C1		18A	SENSE STROBE 4 *	
21975		XA339	39											MSES7A	04	MSES7A	00	1	TQ2	C4		19B	SENSE STROBE 7*	
21956		XA339	40			XA341	63			16B	9			MSS040	01	MSES4A	01	1	TQ2	C1		19A		
09047		XA339	41			XA342	38			16B	9			SPI019	32		01	1	TQ2	D3		22B		
21957		XA339	42			XA340	75			16B	9			MSENT0	08	MSES4A	01	2	TQ2	C1		20A		
09048		XA339	43			XA334	46			16B	9			SPI018	25		01	2	TQ2	D3		23B		
09049		XA339	44											GND	01				TQ2			21B		
09050		XA339	45											SP0	01		00	1	TQ2	D3		24B		
09051		XA339	46											SP0	01		00	1	TQ2	D2		21A		
09052		XA339	47			XA339	50			16B	9			SPI019	09		01	1	TQ2	D4		25B		
09053		XA339	48			XA339	49			16B	9			SPI018	23		01	1	TQ2	D2		22A		
09054		XA339	49			XA339	43			16B	9			SPI018	24		01	2	TQ2	D4		26B		
09055		XA339	50			XA339	54			16B	9			SPI019	10		01	2	TQ2	D2		23A		
09056		XA339	51											SP0	01		00	1	TQ2	D4		27B		
09057		XA339	52											SP0	01		00	1	TQ2	D1		24A		
09058		XA339	53			XA339	62			16B	9			SPI021	01		01	1	TQ2	E3		28B		
09059		XA339	54			XA338	56			16B	9			SPI019	11		01	1	TQ2	D1		25A		
09060		XA339	55			XA338	35			16B	9			SPI018	07		01	2	TQ2	E3		29B		
09061		XA339	56			XA339	48			16B	9			SPI018	22		01	2	TQ2	D1		26A		
09062		XA339	57											SP0	01		00	1	TQ2	E3		30B		
09063		XA339	58											GND	01				TQ2			27A		
09064		XA339	59			XA339	55			16B	9			SPI018	06		01	1	TQ2	E4		31B		
09065		XA339	60											SP0	01		00	1	TQ2	E2		28A		
09066		XA339	61			XA339	65			16B	9			SPI021	03		01	2	TQ2	E4		32B		
09067		XA339	62			XA339	61			16B	9			SPI021	02		01	1	TQ2	E2		29A		
09068		XA339	63											SP0	01		00	1	TQ2	E4		33B		
09069		XA339	64			XA339	56			16B	9			SPI018	21		01	2	TQ2	E2		30A		
09070		XA339	65			XA340	65			16B	9			SPI021	04		01	1	TQ2	F3		34B		
09071		XA339	66											SP0	01		00	1	TQ2	E1		31A		
09072		XA339	67											GND	01				TQ2			40A		
09073		XA339	68			XA339	64			16B	9			SPI018	20		01	1	TQ2	E1		32A		
09074		XA339	69											SP0	01		00	1	TQ2	F3		35A		
09075		XA339	70			XA341	70			16B	9			SPI021	12		01	2	TQ2	E1		33A		
09076		XA339	71			XA339	59			16B	9			SPI018	04		01	1	TQ2	F2		36A		
09077		XA339	72											SP0	01		00	1	TQ2	F2		34A		
09078		XA339	73			XA340	73			16B	9			SPI021	09		01	2	TQ2	F2		36B		
09079		XA339	74			XA340	71			16B	9			SPI018	18		01	2	TQ2	F3		35B		
09080		XA339	75											SP0	01		00	1	TQ2	F1		37B		
09081		XA339	76			XA339	70			16B	9			SPI021	11		01	1	TQ2	F4		37A		
09082		XA339	77			XA339	78			16B	9			SPI018	16		01	1	TQ2	F1		38B		
09083		XA339	78			XA339	74			16B	9			SPI018	17		01	2	TQ2	F4		38A		
09084		XA339	79			XA339	73			16B	9			SPI021	08		01	2	TQ2	F1		39B		
09085		XA339	80											SP0	01		00	1	TQ2	F4		39A		

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DRAWING NUMBER 149304-880 UNIT ASSEMBLY NO. 149304 REV G INDEX XA340

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RECORD NUMBER	FROM PREFIX	FROM CONNECTOR	FROM PIN	FROM SH FG	TO PREFIX	TO CONNECTOR	TO PIN	TO SH FG	WIRE MULTI GROUP	WIRE CODE	WIRE COLOR	WIRE IDENT	SPC INST MISC	SIGNAL	SEC NO	EQUATION	TERM	FACTOR	CKT OR CHIP TYPE	GROUP	LOAD CP POWER PLANE	TEST POINTS AND/OR	SIGNAL DESCRIPTION	ECO NO
21885		XA340	01										J	MSEB60	01	MSEB60	00	1	TQ2	A2		02B	MSES6B BUSS	
21886		XA340	01											MSES6B	37	MSEB60			TQ2	A2		02B		
21970		XA340	01			XA340	06			16B	9		P	MSEB60	20	MSES6B	02	1	TQ2	A2		02B		
09086		XA340	02											GND	01				TQ2			01A		
21916		XA340	03			XA340	04			16B	9			MSES6A	02	MSEC60	01	1	TQ2	A3		02A		
21887		XA340	04			XA340	08			16B	9			MSES6A	03	MSEB60	01	1	TQ2	A2		04A		
21888		XA340	05			XA341	05			16B	9			SPI021	29	MSEB60	01	2	TQ2	A2		03B		
21855		XA340	06										J	MSEA60	01	MSEA60	00	1	TQ2	A1		05A	MSES6B BUSS	
21971		XA340	06			XA243	66			16B	9		P	MSEA60	21	MSES6B	01	1	TQ2	A1		05A	SENSE STROBE 6	
21917		XA340	07			XA340	05			16B	9			SPI021	28	MSEC60	01	2	TQ2	A3		03A		
21856		XA340	08											MSES6A	04	MSEA60	01	1	TQ2	A1		06A		
21918		XA340	09										J	MSEC60	01	MSEC60	00	1	TQ2	A3		04B	MSES6B BUSS	
21919		XA340	09	3		XA443	66	3		16B	9			MSES6B	00	MSEC60			TQ2	A3		04B		
21972		XA340	09			XA340	01			16B	9		P	MSEC60	19	MSES6B	03	1	TQ2	A3		04B		
21857		XA340	10			XA341	10			16B	9			SPI021	32	MSEA60	01	2	TQ2	A1		07A		
22045		XA340	11											MSSA6A	02	MSS060	01	1	TQ2	A4		05B		
09087		XA340	12											+5V	01				TQ2					
22046		XA340	13											MSSB6A	02	MSS060	01	2	TQ2	A4		06B		
21889		XA340	14										J	MSEB70	01	MSEB70	00	1	TQ2	B2		09A	MSES7B BUSS	
21890		XA340	14											MSES7B	37	MSEB70			TQ2	B2		09A		
21976		XA340	14			XA243	77			16B	9		P	MSEB70	21	MSES7B	02	1	TQ2	B2		09A		
22047		XA340	15											MSS060	02	MSS060	00	1	TQ2	A4		07B	SENSE STROBE 6 DEC	
09088		XA340	16											GND	01				TQ2			01B		
21920		XA340	17			XA340	18			16B	9			MSES7A	01	MSEC70	01	1	TQ2	B3		08B		
21891		XA340	18			XA340	24			16B	9			MSES7A	02	MSEB70	01	1	TQ2	B2		10A		
21921		XA340	19			XA340	07			16B	9			SPI021	27	MSEC70	01	2	TQ2	B3		09B		
21892		XA340	20			XA340	19			16B	9			SPI021	26	MSEB70	01	2	TQ2	B2		11A		
21922		XA340	21										J	MSEC70	01	MSEC70	00	1	TQ2	B3		10B	MSES7B BUSS	
21923		XA340	21	3		XA443	77	3		16B	9			MSES7B	00	MSEC70			TQ2	B3		10B		
21977		XA340	21			XA340	22			16B	9		P	MSEC70	19	MSES7B	03	1	TQ2	B3		10B		
21858		XA340	22										J	MSEA70	01	MSEA70	00	1	TQ2	B1		12A	MSES7B BUSS	
21978		XA340	22			XA340	14			16B	9		P	MSEA70	20	MSES7B	01	1	TQ2	B1		12A	SENSE STROBE 7	
22048		XA340	23			XA339	09			16B	9			MSSA7A	01	MSS070	01	1	TQ2	B4		11B		
21859		XA340	24			XA339	39			16B	9			MSES7A	03	MSEA70	01	1	TQ2	B1		13A		
22049		XA340	25			XA339	15			16B	9			MSSB7A	01	MSS070	01	2	TQ2	B4		12B		
21860		XA340	26			XA342	25			16B	9			SPI021	21	MSEA70	01	2	TQ2	B1		14A		
22050		XA340	27			XA339	35			16B	9			MSS070	01	MSS070	00	1	TQ2	B4		13B	SENSE STROBE 7 DEC	
09089		XA340	28											+5V	01				TQ2					
21982		XA340	29			XA215	41			16B	9			MUA070	02	MSSA1A	01	1	TQ2	C3		14B		
22003		XA340	30											MSSB0A	02	MSSB0A	00	1	TQ2	C2		15A	B SEN STRB 0 DEC *	
21983		XA340	31			XA340	42			16B	9			MRA25A	04	MSSA1A	01	2	TQ2	C3		15B		
09090		XA340	32											GND	01				TQ2			20B		
21984		XA340	33											MSSA1A	02	MSSA1A	00	1	TQ2	C3		16B	A SEN STRB 1 DEC *	
22004		XA340	34			XA340	29			16B	9			MUA070	01	MSSB0A	01	1	TQ2	C2		16A		
22006		XA340	35			XA215	48			16B	9			MUA060	02	MSSB1A	01	1	TQ2	C4		17B		
22005		XA340	36			XA340	37			16B	9			MRA250	05	MSSB0A	01	2	TQ2	C2		17A		
22007		XA340	37			XA339	13			16B	9			MRA250	06	MSSB1A	01	2	TQ2	C4		18B		
21979		XA340	38											MSSA0A	02	MSSA0A	00	1	TQ2	C1		18A	A SEN STRB 0 DEC *	
22008		XA340	39											MSSB1A	02	MSSB1A	00	1	TQ2	C4		19B	B SEN STRB 1 DEC *	
21980		XA340	40			XA340	35			16B	9			MUA060	01	MSSA0A	01	1	TQ2	C1		19A		

CONNECTOR XA340) CONTINUED ON THE NEXT PAGE ****

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RECORD NUMBER	FROM PREFIX	FROM CONNECTOR	FROM PIN	FROM SH FG	TO PREFIX	TO CONNECTOR	TO PIN	TO TYPE	WIRE MULTI GROUP	WIRE CODE	WIRE COLOR	WIRE IDENT	SPEC INST MISC	SIGNAL	SEQ NO	EQUATION	TERM	FACTOR	CKT OR CHIP TYPE	GROUP	LOAD OR POWER PLANE	TEST POINTS AND	TEST POINTS OR	SIGNAL DESCRIPTION	ECO NO
21988		XA340	41			XA215	29			16B	9			MUA050	02	MSSA3A	01	1	TQ2	D3		22B			
21981		XA340	42			XA340	43			16B	9			MRA25A	05	MSSA0A	01	2	TQ2	C1		20A			
21989		XA340	43			XA340	55			16B	9			MRA25A	06	MSSA3A	01	2	TQ2	D3		23B			
09091		XA340	44											GND	01				TQ2			21B			
21990		XA340	45											MSSA3A	02	MSSA3A	00	1	TQ2	D3		24B		A SEN STRB 3 DEC *	
22009		XA340	46			XA341	37			16B	9			MSSB2A	01	MSSB2A	00	1	TQ2	D2		21A		B SEN STRB 2 DEC *	
22012		XA340	47			XA215	34			16B	9			MUA040	02	MSSB3A	01	1	TQ2	D4		25B			
22010		XA340	48			XA340	41			16B	9			MUA050	01	MSSB2A	01	1	TQ2	D2		22A			
22013		XA340	49			XA340	50			16B	9			MRA250	03	MSSB3A	01	2	TQ2	D4		26B			
22011		XA340	50			XA340	36			16B	9			MRA250	04	MSSB2A	01	2	TQ2	D2		23A			
22014		XA340	51			XA341	49			16B	9			MSSB3A	01	MSSB3A	00	1	TQ2	D4		27B		B SEN STRB 3 DEC *	
21985		XA340	52											MSSA2A	02	MSSA2A	00	1	TQ2	D1		24A		A SEN STRB 2 DEC *	
21994		XA340	53			XA216	51			16B	9			MUA030	06	MSSA5A	01	1	TQ2	E3		28B			
21986		XA340	54			XA340	47			16B	9			MUA040	01	MSSA2A	01	1	TQ2	D1		25A			
21995		XA340	55			XA340	56			16B	9			MRA25A	07	MSSA5A	01	2	TQ2	E3		29B			
21987		XA340	56			XA340	70			16B	9			MRA25A	08	MSSA2A	01	2	TQ2	D1		26A			
21996		XA340	57			XA341	76			16B	9			MSSA5A	01	MSSA5A	00	1	TQ2	E3		30B		A SEN STRB 5 DEC *	
09092		XA340	58											GND	01				TQ2			27A			
22018		XA340	59			XA340	68			16B	9			MUA020	04	MSSB5A	01	1	TQ2	E4		31B			
22015		XA340	60			XA341	61			16B	9			MSSB4A	01	MSSB4A	00	1	TQ2	E2		28A		B SEN STRB 4 DEC *	
22019		XA340	61			XA340	49			16B	9			MRA250	02	MSSB5A	01	2	TQ2	E4		32B			
22016		XA340	62			XA340	53			16B	9			MUA030	05	MSSB4A	01	1	TQ2	E2		29A			
22020		XA340	63											MSSB5A	02	MSSB5A	00	1	TQ2	E4		33B		B SEN STRB 5 DEC *	
22017		XA340	64			XA340	61			16B	9			MRA250	01	MSSB4A	01	2	TQ2	E2		30A			
09093		XA340	65			XA340	76			16B	9			SPI021	05		01	1	TQ2	F3		34B			
21991		XA340	66											MSSA4A	02	MSSA4A	00	1	TQ2	E1		31A		A SEN STRB 4 DEC *	
09094		XA340	67											GND	01				TQ2			40A			
21992		XA340	68			XA420	18			16B	9			MUA020	05	MSSA4A	01	1	TQ2	E1		32A			
09095		XA340	69											SPO	01		00	1	TQ2	F3		35A			
21993		XA340	70											MRA25A	09	MSSA4A	01	2	TQ2	E1		33A			
09096		XA340	71			XA339	68			16B	9			SPI018	19		01	1	TQ2	F2		36A			
09097		XA340	72											SPO	01		00	1	TQ2	F2		34A			
09098		XA340	73			XA339	76			16B	9			SPI021	10		01	2	TQ2	F2		36B			
09099		XA340	74			XA339	71			16B	9			SPI018	03		01	2	TQ2	F3		35B			
21928		XA340	75											MSENTO	09	MSENTO	00	1	TQ2	F1		37B		SENSE STROBE TMNG	
09100		XA340	76			XA340	79			16B	9			SPI021	06		01	1	TQ2	F4		37A			
21929		XA340	77											MSENTA	02	MSENTO	01	1	TQ2	F1		38B			
09101		XA340	78			XA340	74			16B	9			SPI018	02		01	2	TQ2	F4		38A			
21930		XA340	79			XA339	79			16B	9			SPI021	07	MSENTO	01	2	TQ2	F1		39B			
09102		XA340	80											SPO	01		00	1	TQ2	F4		39A			
21861		XA341	01										J	MSEB00	01	MSEB00	00	1	TQ2	A2		02B		MSES0B BUSS	
21862		XA341	01	3		XA146	01	3		16B	9			MSES0B	00	MSEB00			TQ2	A2		02B			
21934		XA341	01			XA341	09			16B	9		P	MSEB00	16	MSES0B	02	1	TQ2	A2		02B			
09103		XA341	02											GND	01				TQ2			01A			
21893		XA341	03			XA339	22			16B	9			MSES0A	03	MSEC00	01	1	TQ2	A3		02A			
21863		XA341	04			XA341	03			16B	9			MSES0A	02	MSEB00	01	1	TQ2	A2		04A			
21864		XA341	05			XA341	07			16B	9			SPI021	30	MSEB00	01	2	TQ2	A2		03B			
21836		XA341	06										J	MSEA00	01	MSEA00	00	1	TQ2	A1		05A		MSES0B BUSS	
CONNECTOR XA341) CONTINUED ON THE NEXT PAGE ****																									

Litton DATA SYSTEMS

DRAWING NUMBER 149304-880 UNIT ASSEMBLY NO. 149304 REV G INDEX XA341

UNIT ASSEMBLY CARD CAGE WIRED, MCU CONNECTOR FILE IDENT T39AMCMU DATE 09-02-82 PAGE 310

RECORD NUMBER	FROM PREFIX	FROM CONNECTOR	FROM PIN	FROM SH FB	TO PREFIX	TO CONNECTOR	TO PIN	TO SH FB	WIRE MULTI GROUP	WIRE CODE	WIRE COLOR	WIRE IDENT	SPEC INST MISC	SIGNAL	SEQ NO	EQUATION	TERM	FACTOR	CKT OR CHIP TYPE	SHOT	LOAD OF POWER PLANE	TEST POINTS END	TEST POINTS OF	SIGNAL DESCRIPTION	ECO NO
21935		XA341	06			XA343	01			16B	9		P	MSEA00	18	MSES0B	01	1	TQ2	A1		05A		SENSE STROBE 0	
21894		XA341	07			XA340	10			16B	9			SPI021	31	MSEC00	01	2	TQ2	A3		03A			
21837		XA341	08			XA341	04			16B	9			MSES0A	01	MSEA00	01	1	TQ2	A1		06A			
21895		XA341	09										J	MSEC00	01	MSEC00	00	1	TQ2	A3		04B		MSES0B BUSS	
21896		XA341	09											MSES0B	37	MSEC00			TQ2	A3		04B			
21936		XA341	09			XA341	06			16B	9		P	MSEC00	17	MSES0B	03	1	TQ2	A3		04B			
21838		XA341	10											SPI021	33	MSEA00	01	2	TQ2	A1		07A			
22027		XA341	11			XA340	38			16B	9			MSSA0A	01	MSS000	01	1	TQ2	A4		05B			
09104		XA341	12											+5V	01				TQ2						
22028		XA341	13			XA340	30			16B	9			MSSB0A	01	MSS000	01	2	TQ2	A4		06B			
21865		XA341	14										J	MSEB10	01	MSEB10	00	1	TQ2	B2		09A		MSES1B BUSS	
21866		XA341	14											MSES1B	37	MSEB10			TQ2	B2		09A			
21940		XA341	14			XA341	22			16B	9		P	MSEB10	19	MSES1B	02	1	TQ2	B2		09A			
22029		XA341	15											MSS000	02	MSS000	00	1	TQ2	A4		07B		SENSE STROBE 0 DEC	
09105		XA341	16											GND	01				TQ2			01B			
21897		XA341	17			XA341	18			16B	9			MSES1A	02	MSEC10	01	1	TQ2	B3		08B			
21867		XA341	18			XA341	24			16B	9			MSES1A	03	MSEB10	01	1	TQ2	B2		10A			
21898		XA341	19			XA340	20			16B	9			SPI021	25	MSEC10	01	2	TQ2	B3		09B			
21868		XA341	20			XA341	19			16B	9			SPI021	24	MSEB10	01	2	TQ2	B2		11A			
21899		XA341	21										J	MSEC10	01	MSEC10	00	1	TQ2	B3		10B		MSES1B BUSS	
21941		XA341	21			XA243	17			16B	9		P	MSEC10	21	MSES1B	03	1	TQ2	B3		10B			
21839		XA341	22										J	MSEA10	01	MSEA10	00	1	TQ2	B1		12A		MSES1B BUSS	
21840		XA341	22	3		XA443	17	3		16B	9			MSES1B	00	MSEA10			TQ2	B1		12A			
21942		XA341	22			XA341	21			16B	9		P	MSEA10	20	MSES1B	01	1	TQ2	B1		12A		SENSE STROBE 1	
22030		XA341	23			XA340	33			16B	9			MSSA1A	01	MSS010	01	1	TQ2	B4		11B			
21841		XA341	24											MSES1A	04	MSEA10	01	1	TQ2	B1		13A			
22031		XA341	25			XA340	39			16B	9			MSSB1A	01	MSS010	01	2	TQ2	B4		12B			
21842		XA341	26			XA341	20			16B	9			SPI021	23	MSEA10	01	2	TQ2	B1		14A			
22032		XA341	27			XA339	18			16B	9			MSS010	01	MSS010	00	1	TQ2	B4		13B		SENSE STROBE 1 DEC	
09106		XA341	28											+5V	01				TQ2						
21900		XA341	29			XA339	21			16B	9			MSES2A	03	MSEC20	01	1	TQ2	C3		14B			
21869		XA341	30										J	MSEB20	01	MSEB20	00	1	TQ2	C2		15A		MSES2B BUSS	
21870		XA341	30	3		XA146	20	3		16B	9			MSES2B	309	MSEB20			TQ2	C2		15A			
21946		XA341	30			XA343	20			16B	9		P	MSEB20	12	MSES2B	02	1	TQ2	C2		15A			
21901		XA341	31			XA340	26			16B	9			SPI021	20	MSEC20	01	2	TQ2	C3		15B			
09107		XA341	32											GND	01				TQ2			20B			
21902		XA341	33										J	MSEC20	01	MSEC20	00	1	TQ2	C3		16B		MSES2B BUSS	
21903		XA341	33										K	MSES2B	302	MSEC20			TQ2	C3		16B			
21947		XA341	33			XA341	38			16B	9		P	MSEC20	10	MSES2B	03	1	TQ2	C3		16B			
21871		XA341	34			XA341	29			16B	9			MSES2A	02	MSEB20	01	1	TQ2	C2		16A			
22033		XA341	35			XA340	52			16B	9			MSSA2A	01	MSS020	01	1	TQ2	C4		17B			
21872		XA341	36			XA341	31			16B	9			SPI021	19	MSEB20	01	2	TQ2	C2		17A			
22034		XA341	37											MSSB2A	02	MSS020	01	2	TQ2	C4		18B			
21843		XA341	38										J	MSEA20	01	MSEA20	00	1	TQ2	C1		18A		MSES2B BUSS	
21948		XA341	38			XA341	30			16B	9		P	MSEA20	11	MSES2B	01	1	TQ2	C1		18A		SENSE STROBE 2	
22035		XA341	39											MSS020	02	MSS020	00	1	TQ2	C4		19B		SENSE STROBE 2 DEC	
21844		XA341	40			XA341	34			16B	9			MSES2A	01	MSEA20	01	1	TQ2	C1		19A			
21904		XA341	41			XA341	48			16B	9			MSES3A	02	MSEC30	01	1	TQ2	D3		22B			
21845		XA341	42			XA341	36			16B	9			SPI021	18	MSEA20	01	2	TQ2	C1		20A			
21905		XA341	43			XA341	42			16B	9			SPI021	17	MSEC30	01	2	TQ2	D3		23B			

CONNECTOR XA341) CONTINUED ON THE NEXT PAGE ****

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Litton DATA SYSTEMS

DRAWING NUMBER 149304-880 UNIT ASSEMBLY NO. 149304 REV G INDEX XA341

UNIT ASSEMBLY CARD CAGE WIRED, MCU CONNECTOR FILE IDENT T39AMCMU DATE 09-02-82 PAGE 311

RECORD NUMBER	FROM PREFIX	FROM CONNECTOR	FROM PIN	FROM SH FG	TO PREFIX	TO CONNECTOR	TO PIN	TO SH FG	WIRE MULT GROUP	WIRE CODE	WIRE COLOR	WIRE IDENT	SPEC NOT	SIGNAL	SEQ NO	EQUATION	TERM	FACTOR	CKT OR CHIP TYPE	GRID	LOAD OR POWER PLANE	TEST POINTS AND	TEST POINTS OR	SIGNAL DESCRIPTION	ECO NO
09108		XA341	44											GND	01				TQ2			21B			
21906		XA341	45										J	MSEC30	01	MSEC30	00	1	TQ2	D3		24B		MSES3B BUSS	
21907		XA341	45										K	MSES3B	062	MSEC30			TQ2	D3		24B			
21952		XA341	45			XA341	46			16B	9		P	MSEC30	25	MSES3B	03	1	TQ2	D3		24B			
21873		XA341	46										J	MSEB30	01	MSEB30	00	1	TQ2	D2		21A		MSES3B BUSS	
21874		XA341	46	3		XA243	41	3		16B	9			MSES3B	064	MSEB30			TQ2	D2		21A			
21953		XA341	46			XA341	52			16B	9		P	MSEB30	26	MSES3B	02	1	TQ2	D2		21A			
22036		XA341	47			XA340	45			16B	9			MSSA3A	01	MSS030	01	1	TQ2	D4		25B			
21875		XA341	48			XA341	54			16B	9			MSES3A	03	MSEB30	01	1	TQ2	D2		22A			
22037		XA341	49											MSSB3A	02	MSS030	01	2	TQ2	D4		26B			
21876		XA341	50			XA341	43			16B	9			SPI021	16	MSEB30	01	2	TQ2	D2		23A			
22038		XA341	51			XA339	23			16B	9			MSS030	01	MSS030	00	1	TQ2	D4		27B		SENSE STROBE 3 DEC	
21846		XA341	52										J	MSEA30	01	MSEA30	00	1	TQ2	D1		24A		MSES3B BUSS	
21954		XA341	52			XA443	41			16B	9		P	MSEA30	27	MSES3B	01	1	TQ2	D1		24A		SENSE STROBE 3	
21908		XA341	53			XA339	38			16B	9			MSES4A	03	MSEC40	01	1	TQ2	E3		28B			
21847		XA341	54											MSES3A	04	MSEA30	01	1	TQ2	D1		25A			
21909		XA341	55			XA341	50			16B	9			SPI021	155	MSEC40	01	2	TQ2	E3		29B			
21848		XA341	56			XA341	55			16B	9			SPI021	15	MSEA30	01	2	TQ2	D1		26A			
21910		XA341	57										J	MSEC40	01	MSEC40	00	1	TQ2	E3		30B		MSES4B BUSS	
21911		XA341	57										K	MSES4B	062	MSEC40			TQ2	E3		30B			
21958		XA341	57			XA341	60			16B	9		P	MSEC40	25	MSES4B	03	1	TQ2	E3		30B			
09109		XA341	58											GND	01				TQ2			27A			
22039		XA341	59			XA340	66			16B	9			MSSA4A	01	MSS040	01	1	TQ2	E4		31B			
21877		XA341	60										J	MSEB40	01	MSEB40	00	1	TQ2	E2		28A		MSES4B BUSS	
21878		XA341	60	3		XA243	45	3		16B	9			MSES4B	064	MSEB40			TQ2	E2		28A			
21959		XA341	60			XA341	66			16B	9		P	MSEB40	26	MSES4B	02	1	TQ2	E2		28A			
22040		XA341	61											MSSB4A	02	MSS040	01	2	TQ2	E4		32B			
21879		XA341	62			XA341	53			16B	9			MSES4A	02	MSEB40	01	1	TQ2	E2		29A			
22041		XA341	63											MSS040	02	MSS040	00	1	TQ2	E4		33B		SENSE STROBE 4 DEC	
21880		XA341	64			XA341	56			16B	9			SPI021	14	MSEB40	01	2	TQ2	E2		30A			
21912		XA341	65			XA341	71			16B	9			MSES5A	02	MSEC50	01	1	TQ2	F3		34B			
21849		XA341	66										J	MSEA40	01	MSEA40	00	1	TQ2	E1		31A		MSES4B BUSS	
21960		XA341	66			XA443	45			16B	9		P	MSEA40	27	MSES4B	01	1	TQ2	E1		31A		SENSE STROBE 4	
09110		XA341	67											GND	01				TQ2			40A			
21850		XA341	68			XA341	62			16B	9			MSES4A	01	MSEA40	01	1	TQ2	E1		32A			
21913		XA341	69										J	MSEC50	01	MSEC50	00	1	TQ2	E3		35A		MSES5B BUSS	
21914		XA341	69	3		XA146	63	3		16B	9			MSES5B	303	MSEC50			TQ2	F3		35A			
21964		XA341	69			XA341	72			16B	9		P	MSEC50	11	MSES5B	03	1	TQ2	E3		35A			
21851		XA341	70			XA341	64			16B	9			SPI021	13	MSEA40	01	2	TQ2	E1		33A			
21881		XA341	71			XA341	77			16B	9			MSES5A	03	MSEB50	01	1	TQ2	E2		36A			
21882		XA341	72										J	MSEB50	01	MSEB50	00	1	TQ2	F2		34A		MSES5B BUSS	
21883		XA341	72										K	MSES5B	301	MSEB50			TQ2	F2		34A			
21965		XA341	72			XA343	63			16B	9		P	MSEB50	12	MSES5B	02	1	TQ2	F2		34A			
21884		XA341	73			XA341	74			16B	9			SPI022	31	MSEB50	01	2	TQ2	F2		36B			
21915		XA341	74			XA342	29			16B	9			SPI022	32	MSEC50	01	2	TQ2	F3		35B			
21852		XA341	75										J	MSEA50	01	MSEA50	00	1	TQ2	F1		37B		MSES5B BUSS	
21966		XA341	75			XA341	69			16B	9		P	MSEA50	10	MSES5B	01	1	TQ2	F1		37B		SENSE STROBE 5	
22042		XA341	76											MSSA5A	02	MSS050	01	1	TQ2	E4		37A			
21853		XA341	77											MSES5A	04	MSEA50	01	1	TQ2	F1		38B			
22043		XA341	78			XA340	63			16B	9			MSSB5A	01	MSS050	01	2	TQ2	E4		38A			

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DRAWING NUMBER 149304-880 UNIT ASSEMBLY NO. 149304 REV G INDEX XA341

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RECORD NUMBER	FROM PREFIX	FROM CONNECTOR	FROM PIN	FROM SH FG	TO PREFIX	TO CONNECTOR	TO PIN	TO SH FG	WIRE MULTI GROUP	WIRE CODE	WIRE COLOR	WIRE IDENT	SPECIAL MISC	SIGNAL	REF NO	EQUATION	TERM	FACTOR	CKT OR CHIP TYPE	GROUP	LOAD OR POWER PLANE	TEST POINTS AND OR	SIGNAL DESCRIPTION	ECO NO
21854		XA341	79			XA341	73			16B	9			SPI022	30	MSEA50	01	2	TQ2	F1		39B		
22044		XA341	80			XA339	34			16B	9			MSS050	01	MSS050	00	1	TQ2	F4		39A	SENSE STROBE 5 DEC	
09111		XA342	01											DNW	01				RR4					
09112		XA342	02											GND	01				RR4					
09113		XA342	03			XA342	13			18D	2			+05RES	20				RR4	AP				
09114		XA342	03										K	+05RES	86				RR4	AP				
09115		XA342	04			XA342	03			18D	2			+05RES	19				RR4	AP				
09116		XA342	05											SPI010	33				RR4	A3				
09117		XA342	06			XA342	18			16B	9			GROUND	01				RR4	AC				
09118		XA342	07											SPI011	33				RR4	A4				
09119		XA342	08			XA231	80			16B	9			SPI008	01				RR4	A1				
09120		XA342	09			XA241	68			16B	9			SPI012	00				RR4	A5				
09121		XA342	10			XA241	49			16B	9			SPI009	10				RR4	A2				
09122		XA342	11											DNW	01				RR4					
09123		XA342	12											+5V	01				RR4					
09124		XA342	13			XA342	14			18D	2			+05RES	21				RR4	BP				
09125		XA342	14			XA342	22			18D	2			+05RES	22				RR4	BP				
09126		XA342	15											DNW	01				RR4				KEYWAY	
09127		XA342	16											DNW	01				RR4				KEYWAY	
09128		XA342	17			XA336	20			16B	9			SPI016	01				RR4	B4				
09129		XA342	18			XA342	30			16B	9			GROUND	02				RR4	BC				
09130		XA342	19			XA337	71			16B	9			SPI017	30				RR4	B5				
09131		XA342	20			XA235	34			16B	9			SPI013	25				RR4	B1				
09132		XA342	21			XA342	33			18D	2			+05RES	24				RR4	CP				
09133		XA342	22			XA342	21			18D	2			+05RES	23				RR4	CP				
09134		XA342	23											SPI020	09				RR4	C3				
09135		XA342	24			XA321	13			16B	9			SPI015	01				RR4	B3				
09136		XA342	25			XA341	26			16B	9			SPI021	22				RR4	C4				
09137		XA342	26			XA334	52			16B	9			SPI014	01				RR4	B2				
09138		XA342	27											DNW	01				RR4					
09139		XA342	28											+5V	01				RR4					
09140		XA342	29											SPI022	34				RR4	C5				
09141		XA342	30			XA342	40			16B	9			GROUND	03				RR4	CC				
09142		XA342	31											DNW	01				RR4					
09143		XA342	32											GND	01				RR4					
09144		XA342	33			XA342	34			18D	2			+05RES	25				RR4	DP				
09145		XA342	34			XA342	50			18D	2			+05RES	26				RR4	DP				
09146		XA342	35			XA430	38			16B	9			SPI025	01				RR4	D3				
09147		XA342	36			XA340	78			16B	9			SPI018	01				RR4	C1				
09148		XA342	37			XA433	10			16B	9			SPI026	01				RR4	D6				
09149		XA342	38											SPI019	33				RR4	C2				
09150		XA342	39			XA431	76			16B	9			SPI027	01				RR4	D5				
09151		XA342	40			XA342	54			16B	9			GROUND	04				RR4	DC				
09152		XA342	41			XA132	26			16B	9			SPI032	01				RR4	E5				
09153		XA342	42			XA428	46			16B	9			SPI023	01				RR4	D1				
09154		XA342	43											DNW	01				RR4					
09155		XA342	44											GND	01				RR4					
09156		XA342	45			XA132	24			16B	9			SPI031	01				RR4	E4				
CONNECTOR XA342 CONTINUED ON THE NEXT PAGE ****																								

RECORD NUMBER	FROM			SH FG	TO			SH FG	WIRE			SPEC NOT SYMBOL	SIGNAL	SEQ NO	EQUATION	TERM FACTOR	CKT OR CHIP TYPE	SPOT	LOAD OR POWER PLANE	TEST POINTS		SIGNAL DESCRIPTION	ECO NO
	PREFIX	CONNECTOR	PIN		PREFIX	CONNECTOR	PIN		MULTI GROUP	CODE	COLOR	IDENT								AND	OR		
09157		XA342	46											SPI024	33			RR4	D2				
09158		XA342	47			XA516	19			16B	9			SPI030	01			RR4	E3				
09159		XA342	48											SPI029	06			RR4	E2				
09160		XA342	49			XA342	59			18D	2			+05RES	28			RR4	EP				
09161		XA342	50			XA342	49			18D	2			+05RES	27			RR4	EP				
09162		XA342	51											SPR	01			RR4	F5				
09163		XA342	52			XA433	78			16B	9			SPI028	01			RR4	E1				
09164		XA342	53			XA434	05			16B	9			MDDDJA4	08			RR4	F4				
09165		XA342	54			XA342	64			16B	9			GROUND	05			RR4	EC				
09166		XA342	55											MDGRDD4	14			RR4	F3				
09167		XA342	56											SPLD2D4	02			RR4	F2				
09168		XA342	57											DNW	01			RR4				KEYWAY	
09169		XA342	58											DNW	01			RR4				KEYWAY	
09170		XA342	59			XA342	60			18D	2			+05RES	29			RR4	FP				
09171		XA342	60			XA342	70			18D	2			+05RES	30			RR4	FP				
09172		XA342	61											SPLD3D4	02			RR4	G5				
09173		XA342	62											SPR	01			RR4	F1				
09174		XA342	63											SPR	01			RR4	G4				
09175		XA342	64			XA342	74			16B	9			GROUND	06			RR4	FC				
09176		XA342	65											SPR	01			RR4	G3				
09177		XA342	66											PWLPTB4	02			RR4	G2				
09178		XA342	67											GND	01			RR4					
09179		XA342	68											DNW	01			RR4					
09180		XA342	69			XA343	79			18D	2			+05RES	32			RR4	GP				
09181		XA342	69										K	+05RES	84			RR4	GP				
09182		XA342	70			XA342	69			18D	2			+05RES	31			RR4	GP				
09183		XA342	71			XA202	67			16B	9			MAYMIDX	00C			RR4	H5				
09184		XA342	72											SPR	01			RR4	G1				
09185		XA342	73			XA302	67			16B	9			MBYMIDX	00C			RR4	H4				
09186		XA342	74			XA342	77			16B	9			GROUND	07			RR4	GC				
09187		XA342	75											MCYMIDX	04			RR4	H3				
09188		XA342	76											MDYMIDX	04			RR4	H2				
09189		XA342	77			XA330	77			16B	9			GROUND	08			RR4	HC				
09190		XA342	78											SPR	01			RR4	H1				
09191		XA342	79										K	+5VPD	125			RR4	HP				
09192		XA342	80			XA342	79			16B	9			+5VPD	12P			RR4	HP				
09193		XA343	01			XA344	01			16B	9			MSESOB	19			SAM	Z1				
09194		XA343	02											GND	01			SAM					
09195		XA343	03											SPP	01			SAM					
09196		XA343	04											SPP	01			SAM					
09197		XA343	05											SSA32A	02			SAM	Z1				
09198		XA343	06											SPP	01			SAM					
09199		XA343	07											SSB32A	02			SAM	Z1				
09200		XA343	08											SPP	01			SAM					
09201		XA343	09											SPP	01			SAM					
09202		XA343	10											SPP	01			SAM					
09203		XA343	11			XA243	11			18D	2			+5VSAM	19			SAM					
09204		XA343	12											+5V	01			SAM					
CONNECTOR XA343) CONTINUED ON THE NEXT PAGE ****																							

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RECORD NUMBER	FROM PREFIX	FROM CONNECTOR	FROM PIN	FROM SH FG	TO PREFIX	TO CONNECTOR	TO PIN	TO SH FG	WIRE MULTI GROUP	WIRE CODE	WIRE COLOR	WIRE IDENT	SPEC INST MISC	SIGNAL	SEQ NO	EQUATION	T+RM FACTOR	CKT OR CHIP TYPE	DWG	LOAD OF POWER PLANE	TEST POINTS GND	TEST POINTS DP	SIGNAL DESCRIPTION	ECO NO
09205		XA343	13											SSA32B	02			SAM	Z1					
09206		XA343	14											SSB32B	02			SAM	Z1					
09207		XA343	15											SPP	01			SAM						
09208		XA343	16											GND	01			SAM						
09209		XA343	17			XA341	14			16B	9			MSES1B	18			SAM	Z1					
09210		XA343	18											SPP	01			SAM	Z1					
09211		XA343	19											MSDOPA	05			SAM	Z1					
09212		XA343	20			XA344	20			16B	9			MSES2B	13			SAM	Z2					
09213		XA343	21											SPP	01			SAM						
09214		XA343	22											SPP	01			SAM						
09215		XA343	23											SSA32C	02			SAM	Z2					
09216		XA343	24											SPP	01			SAM						
09217		XA343	25											SSB32C	02			SAM	Z2					
09218		XA343	26											SPP	01			SAM						
00016		XA343	27											DNW	01	+5SAM		SAM						
09219		XA343	28											+5V	01			SAM						
09220		XA343	29											SPP	01			SAM					KEYWAY	
09221		XA343	30											SPP	01			SAM					KEYWAY	
09222		XA343	31											SPP	01			SAM						
09223		XA343	32											GND	01			SAM						
09224		XA343	33											SSA32D	02			SAM	Z2					
09225		XA343	34											SPP	01			SAM						
09226		XA343	35											SSB32D	02			SAM	Z2					
09227		XA343	36											SPP	01			SAM						
09228		XA343	37											SPP	01			SAM						
09229		XA343	38											SPP	01			SAM						
09230		XA343	39			XA243	39			18D	2			+5VREF	18			SAM	Z2					
09231		XA343	39			XA443	39			18D	2			+5VREF	38			SAM	Z2					
09232		XA343	40											SPP	01			SAM						
09233		XA343	41			XA341	45			16B	9			MSES3B	24			SAM	Z2					
09234		XA343	42											SPP	01			SAM						
09235		XA343	43			XA343	19			16B	9			MSDOPA	04			SAM	Z2					
09236		XA343	44											GND	01			SAM						
09237		XA343	45			XA341	57			16B	9			MSES4B	24			SAM	Z3					
09238		XA343	46											SPP	01			SAM						
09239		XA343	47											SPP	01			SAM						
09240		XA343	48											SPP	01			SAM						
09241		XA343	49											SSA32E	02			SAM	Z3					
09242		XA343	50											SPP	01			SAM						
09243		XA343	51											SSB32E	02			SAM	Z3					
09244		XA343	52											SPP	01			SAM						
09245		XA343	53											SPP	01			SAM					KEYWAY	
09246		XA343	54											SPP	01			SAM					KEYWAY	
09247		XA343	55											SSA32F	02			SAM	Z3					
09248		XA343	56											SPP	01			SAM						
09249		XA343	57											SSB32F	02			SAM	Z3					
09250		XA343	58											GND	01			SAM						
09251		XA343	59			XA243	59			18D	7			-5VOLT	37			SAM						
09252		XA343	60			XA343	59			18D	7			-5VOLT	36			SAM						
09253		XA343	60			XA443	59			18D	7			-5VOLT	73			SAM						

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DRAWING NUMBER 149304-880 UNIT ASSEMBLY NO. 149304 REV G INDEX XA343

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RECORD NUMBER	FROM PREFIX	FROM CONNECTOR	FROM PIN	FROM SHEET	TO PREFIX	TO CONNECTOR	TO PIN	TO SHEET	WIRE MULTI GROUP	WIRE CODE	WIRE COLOR	WIRE IDENT	SPEC INST CODE	SIGNAL	SEQ NO	EQUATION	TERM	FACTOR	CKT OR CHIP TYPE	GROUP	LOAD OR POWER PLANE	TEST POINTS AND	TEST POINTS OR	SIGNAL DESCRIPTION	ECO NO.
09254		XA343	61											SPP	01				SAM	Z3					
09255		XA343	62											SPP	01				SAM						
09256		XA343	63			XA344	63			16B	9			MSES5B	13				SAM	Z3					
09257		XA343	64											SPP	01				SAM						
09258		XA343	65			XA343	43			16B	9			MSD0PA	03				SAM	Z3					
09259		XA343	66			XA340	09			16B	9			MSES6B	18				SAM	Z4					
09260		XA343	67											GND	01				SAM						
09261		XA343	68											SPP	01				SAM						
09262		XA343	69											SSA32H	02				SAM	Z4					
09263		XA343	70											SPP	01				SAM						
09264		XA343	71											SSB32H	02				SAM	Z4					
09265		XA343	72											SSA32J	02				SAM	Z4					
09266		XA343	73											SPP	01				SAM						
09267		XA343	74											SSB32J	02				SAM	Z4					
09268		XA343	75											SPP	01				SAM						
09269		XA343	76											SPP	01				SAM						
09270		XA343	77			XA340	21			16B	9			MSES7B	18				SAM	Z4					
09271		XA343	78			XA343	65			16B	9			MSD0PA	022				SAM						
09272		XA343	79			XA344	79			1BD	2			+05RES	35				SAM	Z4					
09273		XA343	80			XA343	78			16B	9			MSD0PA	02				SAM	Z4				SENSE AMP 0P*	
09274		XA344	01			XA345	01			16B	9			MSES0B	20				SAM	Z1					
09275		XA344	02											GND	01				SAM						
09276		XA344	03											SPP	01				SAM						
09277		XA344	04											SPP	01				SAM						
09278		XA344	05											SSA31A	02				SAM	Z1					
09279		XA344	06											SPP	01				SAM						
09280		XA344	07											SSB31A	02				SAM	Z1					
09281		XA344	08											SPP	01				SAM						
09282		XA344	09											SPP	01				SAM						
09283		XA344	10											SPP	01				SAM						
09284		XA344	11			XA343	11			1BD	2			+5VSAM	18				SAM						
09285		XA344	12											+5V	01				SAM						
09286		XA344	13											SSA31B	02				SAM	Z1					
09287		XA344	14											SSB31B	02				SAM	Z1					
09288		XA344	15											SPP	01				SAM						
09289		XA344	16											GND	01				SAM						
09290		XA344	17			XA343	17			16B	9			MSES1B	17				SAM	Z1					
09291		XA344	18											SPP	01				SAM	Z1					
09292		XA344	19			XA344	43			16B	9			MSD31A	01				SAM	Z1				SENSE AMP 31*	
09293		XA344	20			XA345	20			16B	9			MSES2B	14				SAM	Z2					
09294		XA344	21											SPP	01				SAM						
09295		XA344	22											SPP	01				SAM						
09296		XA344	23											SSA31C	02				SAM	Z2					
09297		XA344	24											SPP	01				SAM						
09298		XA344	25											SSB31C	02				SAM	Z2					
09299		XA344	26											SPP	01				SAM						
00017		XA344	27											DNW	01	+5SAM			SAM						
09300		XA344	28											+5V	01				SAM						
CONNECTOR XA344) CONTINUED ON THE NEXT PAGE ****																									

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DRAWING NUMBER 149304-880 UNIT ASSEMBLY NO. 149304 REV G INDEX XA344

UNIT ASSEMBLY CARD CAGE WIRED, MCU CONNECTOR FILE IDENT T39AMCMU DATE 09-02-82 PAGE 316

RECORD NUMBER	FROM PREFIX	FROM CONNECTOR	FROM PIN	SH FG	TO PREFIX	TO CONNECTOR	TO PIN	SH FG	WIRE MULTI GROUP	WIRE CODE	WIRE COLOR	WIRE IDENT	SPEC INST MISC	SIGNAL	REC NO	EQUATION	TERM	FACTOR	CKT OR CHIP TYPE	GROUP	LOAD OR POWER PLANE	TEST POINTS ANC	TEST POINTS OR	SIGNAL DESCRIPTION	ECO NO
09301		XA344	29											SPP	01				SAM					KEYWAY	
09302		XA344	30											SPP	01				SAM					KEYWAY	
09303		XA344	31											SPP	01				SAM						
09304		XA344	32											GND	01				SAM						
09305		XA344	33											SSA31D	02				SAM	Z2					
09306		XA344	34											SPP	01				SAM						
09307		XA344	35											SSB31D	02				SAM	Z2					
09308		XA344	36											SPP	01				SAM						
09309		XA344	37											SPP	01				SAM						
09310		XA344	38											SPP	01				SAM						
09311		XA344	39			XA343	39			18D	2			+5VREF	17				SAM	Z2					
09312		XA344	40											SPP	01				SAM						
09313		XA344	41			XA343	41			16B	9			MSES3B	23				SAM	Z2					
09314		XA344	42											SPP	01				SAM						
09315		XA344	43			XA344	65			16B	9			MSD31A	02				SAM	Z2					
09316		XA344	44											GND	01				SAM						
09317		XA344	45			XA343	45			16B	9			MSES4B	23				SAM	Z3					
09318		XA344	46											SPP	01				SAM						
09319		XA344	47											SPP	01				SAM						
09320		XA344	48											SPP	01				SAM						
09321		XA344	49											SSA31E	02				SAM	Z3					
09322		XA344	50											SPP	01				SAM						
09323		XA344	51											SSB31E	02				SAM	Z3					
09324		XA344	52											SPP	01				SAM						
09325		XA344	53											SPP	01				SAM					KEYWAY	
09326		XA344	54											SPP	01				SAM					KEYWAY	
09327		XA344	55											SSA31F	02				SAM	Z3					
09328		XA344	56											SPP	01				SAM						
09329		XA344	57											SSB31F	02				SAM	Z3					
09330		XA344	58											GND	01				SAM						
09331		XA344	59			XA343	60			18D	7			-5VOLT	35				SAM						
09332		XA344	60			XA344	59			18D	7			-5VOLT	34				SAM						
09333		XA344	61											SPP	01				SAM	Z3					
09334		XA344	62											SPP	01				SAM						
09335		XA344	63			XA345	63			16B	9			MSES5B	14				SAM	Z3					
09336		XA344	64											SPP	01				SAM						
09337		XA344	65			XA344	78			16B	9			MSD31A	03				SAM	Z3					
09338		XA344	66			XA343	66			16B	9			MSES6B	17				SAM	Z4					
09339		XA344	67											GND	01				SAM						
09340		XA344	68											SPP	01				SAM						
09341		XA344	69											SSA31H	02				SAM	Z4					
09342		XA344	70											SPP	01				SAM						
09343		XA344	71											SSB31H	02				SAM	Z4					
09344		XA344	72											SSA31J	02				SAM	Z4					
09345		XA344	73											SPP	01				SAM						
09346		XA344	74											SSB31J	02				SAM	Z4					
09347		XA344	75											SPP	01				SAM						
09348		XA344	76											SPP	01				SAM						
09349		XA344	77			XA343	77			16B	9			MSES7B	17				SAM	Z4					
09350		XA344	78			XA344	80			16B	9			MSD31A	033				SAM						

CONNECTOR (XA344) CONTINUED ON THE NEXT PAGE ****

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DRAWING NUMBER 149304-880 UNIT ASSEMBLY NO. 149304 REV G INDEX XA344

UNIT ASSEMBLY CARD CAGE WIRED, MCU CONNECTOR FILE IDENT T39AMCMU DATE 09-02-82 PAGE 317

RECORD NUMBER	FROM PREFIX	FROM CONNECTOR	FROM PIN	FROM SH FG	TO PREFIX	TO CONNECTOR	TO PIN	TO SH FG	WIRE MULTI GROUP	WIRE CODE	WIRE COLOR	WIRE IDENT	SPEC INST	SIGNAL	SEQ NO	EQUATION	TERM FACTOR	CKT OR CHIP TYPE	GROUP	LOAD OR POWER PLANE	TEST POINTS AND	TEST POINTS OR	SIGNAL DESCRIPTION	ECO NO
09351		XA344	79			XA345	79			18D	2			+05RES	36			SAM	Z4					
09352		XA344	80			XA326	75			16B	9			MSD31A	04			SAM	Z4					
09353		XA345	01			XA346	01			16B	9			MSES0B	21			SAM	Z1					
09354		XA345	02											GND	01			SAM						
09355		XA345	03											SPP	01			SAM						
09356		XA345	04											SPP	01			SAM						
09357		XA345	05											SSA30A	02			SAM	Z1					
09358		XA345	06											SPP	01			SAM						
09359		XA345	07											SSB30A	02			SAM	Z1					
09360		XA345	08											SPP	01			SAM						
09361		XA345	09											SPP	01			SAM						
09362		XA345	10											SPP	01			SAM						
09363		XA345	11			XA344	11			18D	2			+5VSAM	17			SAM						
09364		XA345	12											+5V	01			SAM						
09365		XA345	13											SSA30B	02			SAM	Z1					
09366		XA345	14											SSB30B	02			SAM	Z1					
09367		XA345	15											SPP	01			SAM						
09368		XA345	16											GND	01			SAM						
09369		XA345	17			XA344	17			16B	9			MSES1B	16			SAM	Z1					
09370		XA345	18											SPP	01			SAM	Z1					
09371		XA345	19											MSD30A	05			SAM	Z1					
09372		XA345	20			XA346	20			16B	9			MSES2B	15			SAM	Z2					
09373		XA345	21											SPP	01			SAM						
09374		XA345	22											SPP	01			SAM						
09375		XA345	23											SSA30C	02			SAM	Z2					
09376		XA345	24											SPP	01			SAM						
09377		XA345	25											SSB30C	02			SAM	Z2					
09378		XA345	26											SPP	01			SAM						
00018		XA345	27											DNW	01	+5SAM		SAM						
09379		XA345	28											+5V	01			SAM						
09380		XA345	29											SPP	01			SAM					KEYWAY	
09381		XA345	30											SPP	01			SAM					KEYWAY	
09382		XA345	31											SPP	01			SAM						
09383		XA345	32											GND	01			SAM						
09384		XA345	33											SSA30D	02			SAM	Z2					
09385		XA345	34											SPP	01			SAM						
09386		XA345	35											SSB30D	02			SAM	Z2					
09387		XA345	36											SPP	01			SAM						
09388		XA345	37											SPP	01			SAM						
09389		XA345	38											SPP	01			SAM						
09390		XA345	39			XA344	39			18D	2			+5VREF	16			SAM	Z2					
09391		XA345	40											SPP	01			SAM						
09392		XA345	41			XA344	41			16B	9			MSES3B	22			SAM	Z2					
09393		XA345	42											SPP	01			SAM						
09394		XA345	43			XA345	19			16B	9			MSD30A	04			SAM	Z2					
09395		XA345	44											GND	01			SAM						
09396		XA345	45			XA344	45			16B	9			MSES4B	22			SAM	Z3					
09397		XA345	46											SPP	01			SAM						

CONNECTOR XA345) CONTINUED ON THE NEXT PAGE ****

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DRAWING NUMBER 149304-880 UNIT ASSEMBLY NO. 149304 REV G INDEX XA345

UNIT ASSEMBLY CARD CAGE WIRED, MCU CONNECTOR FILE IDENT T39AMCMU DATE 09-02-82 PAGE 318

RECORD NUMBER	FROM PREFIX	FROM CONNECTOR	FROM PIN	FROM SH FO	TO PREFIX	TO CONNECTOR	TO PIN	TO SH FO	WIRE MULTI GROUP	WIRE CODE	WIRE COLOR	WIRE IDENT	SPC INST MISC	SIGNAL	SEQ NO	EQUATION	TERM FACTOR	CNT OR CHIP TYPE	GROUP	LOAD OF POWER PLANE	TEST POINTS AND	TEST POINTS OR	SIGNAL DESCRIPTION	ECO NO
09398		XA345	47											SPP	01			SAM						
09399		XA345	48											SPP	01			SAM						
09400		XA345	49											SSA30E	02			SAM	Z3					
09401		XA345	50											SPP	01			SAM						
09402		XA345	51											SSB30E	02			SAM	Z3					
09403		XA345	52											SPP	01			SAM						
09404		XA345	53											SPP	01			SAM					KEYWAY	
09405		XA345	54											SPP	01			SAM					KEYWAY	
09406		XA345	55											SSA30F	02			SAM	Z3					
09407		XA345	56											SPP	01			SAM						
09408		XA345	57											SSB30F	02			SAM	Z3					
09409		XA345	58											GND	01			SAM						
09410		XA345	59			XA344	60			18D	7			-5VOLT	33			SAM						
09411		XA345	60			XA345	59			18D	7			-5VOLT	32			SAM						
09412		XA345	61											SPP	01			SAM	Z3					
09413		XA345	62											SPP	01			SAM						
09414		XA345	63			XA346	63			16B	9			MSES5B	15			SAM	Z3					
09415		XA345	64											SPP	01			SAM						
09416		XA345	65			XA345	43			16B	9			MSD30A	03			SAM	Z3					
09417		XA345	66			XA344	66			16B	9			MSES6B	16			SAM	Z4					
09418		XA345	67											GND	01			SAM						
09419		XA345	68											SPP	01			SAM						
09420		XA345	69											SSA30H	02			SAM	Z4					
09421		XA345	70											SPP	01			SAM						
09422		XA345	71											SSB30H	02			SAM	Z4					
09423		XA345	72											SSA30J	02			SAM	Z4					
09424		XA345	73											SPP	01			SAM						
09425		XA345	74											SSB30J	02			SAM	Z4					
09426		XA345	75											SPP	01			SAM						
09427		XA345	76											SPP	01			SAM						
09428		XA345	77			XA344	77			16B	9			MSES7B	16			SAM	Z4					
09429		XA345	78			XA345	65			16B	9			MSD30A	022			SAM						
09430		XA345	79			XA346	79			18D	2			+05RES	37			SAM	Z4					
09431		XA345	80			XA345	78			16B	9			MSD30A	02			SAM	Z4					
09432		XA346	01			XA347	01			16B	9			MSES0B	22			SAM	Z1					
09433		XA346	02											GND	01			SAM						
09434		XA346	03											SPP	01			SAM						
09435		XA346	04											SPP	01			SAM						
09436		XA346	05											SSA29A	02			SAM	Z1					
09437		XA346	06											SPP	01			SAM						
09438		XA346	07											SSB29A	02			SAM	Z1					
09439		XA346	08											SPP	01			SAM						
09440		XA346	09											SPP	01			SAM						
09441		XA346	10											SPP	01			SAM						
09442		XA346	11			XA345	11			18D	2			+5VSAM	16			SAM						
09443		XA346	12											+5V	01			SAM						
09444		XA346	13											SSA29B	02			SAM	Z1					
09445		XA346	14											SSB29B	02			SAM	Z1					
CONNECTOR (XA346) CONTINUED ON THE NEXT PAGE ****																								

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DRAWING NUMBER 149304-880 UNIT ASSEMBLY NO. 149304 REV G INDEX X346

UNIT ASSEMBLY CARD CAGE WIRED, MCU CONNECTOR FILE IDENT T39AMCMU DATE 09-02-82 PAGE 319

RECORD NUMBER	FROM PREFIX	FROM CONNECTOR	FROM PIN	FROM SHIELD	TO PREFIX	TO CONNECTOR	TO PIN	TO SHIELD	WIRE MULTI GROUP	WIRE CODE	WIRE COLOR	WIRE IDENT	SPECIAL INSTRUCTIONS	SIGNAL	SEQ NO	EQUATION	TERM FACTOR	CKT OR CHIP TYPE	GROUP	LOAD OR POWER PLANE	TEST POINTS AND	TEST POINTS OR	SIGNAL DESCRIPTION	ECO NO
09446		XA346	15											SPP	01			SAM						
09447		XA346	16											GND	01			SAM						
09448		XA346	17			XA345	17			16B	9			MSES1B	15			SAM	Z1					
09449		XA346	18											SPP	01			SAM	Z1					
09450		XA346	19			XA346	43			16B	9			MSD29A	01			SAM	Z1				SENSE AMP 29*	
09451		XA346	20			XA347	20			16B	9			MSES2B	16			SAM	Z2					
09452		XA346	21											SPP	01			SAM						
09453		XA346	22											SPP	01			SAM						
09454		XA346	23											SSA29C	02			SAM	Z2					
09455		XA346	24											SPP	01			SAM						
09456		XA346	25											SSB29C	02			SAM	Z2					
09457		XA346	26											SPP	01			SAM						
00019		XA346	27											DNW	01	+5SAM		SAM						
09458		XA346	28											+5V	01			SAM						
09459		XA346	29											SPP	01			SAM					KEYWAY	
09460		XA346	30											SPP	01			SAM					KEYWAY	
09461		XA346	31											SPP	01			SAM						
09462		XA346	32											GND	01			SAM						
09463		XA346	33											SSA29D	02			SAM	Z2					
09464		XA346	34											SPP	01			SAM						
09465		XA346	35											SSB29D	02			SAM	Z2					
09466		XA346	36											SPP	01			SAM						
09467		XA346	37											SPP	01			SAM						
09468		XA346	38											SPP	01			SAM						
09469		XA346	39			XA345	39			1BD	2			+5VREF	15			SAM	Z2					
09470		XA346	40											SPP	01			SAM						
09471		XA346	41			XA345	41			16B	9			MSES3B	21			SAM	Z2					
09472		XA346	42											SPP	01			SAM						
09473		XA346	43			XA346	80			16B	9			MSD29A	02			SAM	Z2					
09474		XA346	44											GND	01			SAM						
09475		XA346	45			XA345	45			16B	9			MSES4B	21			SAM	Z3					
09476		XA346	46											SPP	01			SAM						
09477		XA346	47											SPP	01			SAM						
09478		XA346	48											SPP	01			SAM						
09479		XA346	49											SSA29E	02			SAM	Z3					
09480		XA346	50											SPP	01			SAM						
09481		XA346	51											SSB29E	02			SAM	Z3					
09482		XA346	52											SPP	01			SAM						
09483		XA346	53											SPP	01			SAM					KEYWAY	
09484		XA346	54											SPP	01			SAM					KEYWAY	
09485		XA346	55											SSA29F	02			SAM	Z3					
09486		XA346	56											SPP	01			SAM						
09487		XA346	57											SSB29F	02			SAM	Z3					
09488		XA346	58											GND	01			SAM						
09489		XA346	59			XA345	60			1BD	7			-5VOLT	31			SAM						
09490		XA346	60			XA346	59			1BD	7			-5VOLT	30			SAM						
09491		XA346	61											SPP	01			SAM	Z3					
09492		XA346	62											SPP	01			SAM						
09493		XA346	63			XA347	63			16B	9			MSES5B	16			SAM	Z3					
09494		XA346	64											SPP	01			SAM						
CONNECTOR XA346) CONTINUED ON THE NEXT PAGE ****																								

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DRAWING NUMBER 149304-880 UNIT ASSEMBLY NO. 149304 REV G INDEX XA346

UNIT ASSEMBLY CARD CAGE WIRED, MCU CONNECTOR FILE IDENT T39AMCMU DATE 09-02-82 PAGE 320

RECORD NUMBER	FROM PREFIX	FROM CONNECTOR	FROM PIN	FROM SH FG	TO PREFIX	TO CONNECTOR	TO PIN	TO SH FG	WIRE MULTI GROUP	WIRE CODE	WIRE COLOR	WIRE IDENT	SPEC INST MISC	SIGNAL	SEC NO	EQUATION	TERM	FACTOR	CKT OR CHIP TYPE	GROUP	LOAD CP POWER PLANE	TEST POINTS ANCHOR	SIGNAL DESCRIPTION	ECO NO
09495		XA346	65			XA326	66			16B	9			MSD29A	04				SAM	Z3				
09496		XA346	66			XA345	66			16B	9			MSES6B	15				SAM	Z4				
09497		XA346	67											GND	01				SAM					
09498		XA346	68											SPP	01				SAM					
09499		XA346	69											SSA29H	02				SAM	Z4				
09500		XA346	70											SPP	01				SAM					
09501		XA346	71											SSB29H	02				SAM	Z4				
09502		XA346	72											SSA29J	02				SAM	Z4				
09503		XA346	73											SPP	01				SAM					
09504		XA346	74											SSB29J	02				SAM	Z4				
09505		XA346	75											SPP	01				SAM					
09506		XA346	76											SPP	01				SAM					
09507		XA346	77			XA345	77			16B	9			MSES7B	15				SAM	Z4				
09508		XA346	78			XA346	65			16B	9			MSD29A	033				SAM					
09509		XA346	79			XA347	79			1BD	2			+05RES	38				SAM	Z4				
09510		XA346	80			XA346	78			16B	9			MSD29A	03				SAM	Z4				
09511		XA347	01			XA348	01			16B	9			MSES0B	23				SAM	Z1				
09512		XA347	02											GND	01				SAM					
09513		XA347	03											SPP	01				SAM					
09514		XA347	04											SPP	01				SAM					
09515		XA347	05											SSA04A	02				SAM	Z1				
09516		XA347	06											SPP	01				SAM					
09517		XA347	07											SSB04A	02				SAM	Z1				
09518		XA347	08											SPP	01				SAM					
09519		XA347	09											SPP	01				SAM					
09520		XA347	10											SPP	01				SAM					
09521		XA347	11			XA346	11			1BD	2			+5VSAM	15				SAM					
09522		XA347	12											+5V	01				SAM					
09523		XA347	13											SSA04B	02				SAM	Z1				
09524		XA347	14											SSB04B	02				SAM	Z1				
09525		XA347	15											SPP	01				SAM					
09526		XA347	16											GND	01				SAM					
09527		XA347	17			XA346	17			16B	9			MSES1B	14				SAM	Z1				
09528		XA347	18											SPP	01				SAM	Z1				
09529		XA347	19											MSD04A	05				SAM	Z1				
09530		XA347	20			XA348	20			16B	9			MSES2B	17				SAM	Z2				
09531		XA347	21											SPP	01				SAM					
09532		XA347	22											SPP	01				SAM					
09533		XA347	23											SSA04C	02				SAM	Z2				
09534		XA347	24											SPP	01				SAM					
09535		XA347	25											SSB04C	02				SAM	Z2				
09536		XA347	26											SPP	01				SAM					
00020		XA347	27											DNW	01	+5SAM			SAM					
09537		XA347	28											+5V	01				SAM					
09538		XA347	29											SPP	01				SAM				KEYWAY	
09539		XA347	30											SPP	01				SAM				KEYWAY	
09540		XA347	31											SPP	01				SAM					
09541		XA347	32											GND	01				SAM					
CONNECTOR (XA347) CONTINUED ON THE NEXT PAGE ****																								

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Litton DATA SYSTEMS

DRAWING NUMBER 149304-880 UNIT ASSEMBLY NO. 149304 REV G INDEX XA347

UNIT ASSEMBLY CARD CAGE WIRED, MCU CONNECTOR FILE IDENT T39AMCMU DATE 09-02-82 PAGE 321

RECORD NUMBER	FROM PREFIX	FROM CONNECTOR	FROM PIN	FROM SH FG	TO PREFIX	TO CONNECTOR	TO PIN	TO SH FG	WIRE MULTI GROUP	WIRE CODE	WIRE COLOR	WIRE IDENT	SPEC INST MISC	SIGNAL	SFG NO	EQUATION	TERM	FACTOR	CKT OR CHIP TYPE	GROUP	LOAD OR POWER PLANS	TEST POINTS AND/OR	SIGNAL DESCRIPTION	ECO NO
09542		XA347	33											SSA04D	02				SAM	Z2				
09543		XA347	34											SPP	01				SAM					
09544		XA347	35											SSB04D	02				SAM	Z2				
09545		XA347	36											SPP	01				SAM					
09546		XA347	37											SPP	01				SAM					
09547		XA347	38											SPP	01				SAM					
09548		XA347	39			XA346	39			18D	2			+5VREF	14				SAM	Z2				
09549		XA347	40											SPP	01				SAM					
09550		XA347	41			XA346	41			16B	9			MSES3B	20				SAM	Z2				
09551		XA347	42											SPP	01				SAM					
09552		XA347	43			XA347	19			16B	9			MSD04A	04				SAM	Z2				
09553		XA347	44											GND	01				SAM					
09554		XA347	45			XA346	45			16B	9			MSES4B	20				SAM	Z3				
09555		XA347	46											SPP	01				SAM					
09556		XA347	47											SPP	01				SAM					
09557		XA347	48											SPP	01				SAM					
09558		XA347	49											SSA04E	02				SAM	Z3				
09559		XA347	50											SPP	01				SAM					
09560		XA347	51											SSB04E	02				SAM	Z3				
09561		XA347	52											SPP	01				SAM					
09562		XA347	53											SPP	01				SAM				KEYWAY	
09563		XA347	54											SPP	01				SAM				KEYWAY	
09564		XA347	55											SSA04F	02				SAM	Z3				
09565		XA347	56											SPP	01				SAM					
09566		XA347	57											SSB04F	02				SAM	Z3				
09567		XA347	58											GND	01				SAM					
09568		XA347	59			XA346	60			18D	7			-5VOLT	29				SAM					
09569		XA347	60			XA347	59			18D	7			-5VOLT	28				SAM					
09570		XA347	61											SPP	01				SAM	Z3				
09571		XA347	62											SPP	01				SAM					
09572		XA347	63			XA348	63			16B	9			MSES5B	17				SAM	Z3				
09573		XA347	64											SPP	01				SAM					
09574		XA347	65			XA347	43			16B	9			MSD04A	03				SAM	Z3				
09575		XA347	66			XA346	66			16B	9			MSES6B	14				SAM	Z4				
09576		XA347	67											GND	01				SAM					
09577		XA347	68											SPP	01				SAM					
09578		XA347	69											SSA04H	02				SAM	Z4				
09579		XA347	70											SPP	01				SAM					
09580		XA347	71											SSB04H	02				SAM	Z4				
09581		XA347	72											SSA04J	02				SAM	Z4				
09582		XA347	73											SPP	01				SAM					
09583		XA347	74											SSB04J	02				SAM	Z4				
09584		XA347	75											SPP	01				SAM					
09585		XA347	76											SPP	01				SAM					
09586		XA347	77			XA346	77			16B	9			MSES7B	14				SAM	Z4				
09587		XA347	78			XA347	65			16B	9			MSD04A	022				SAM					
09588		XA347	79			XA348	79			18D	2			+05RES	39				SAM	Z4				
09589		XA347	80			XA347	78			16B	9			MSD04A	02				SAM	Z4				

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DRAWING NUMBER 149304-880 UNIT ASSEMBLY NO. 149304 REV G INDEX XA348

UNIT ASSEMBLY CARD CAGE WIRED, MCU CONNECTOR FILE IDENT T39AMCMU DATE 09-02-82 PAGE 322

RECORD NUMBER	FROM PREFIX	FROM CONNECTOR	FROM PIN	FROM SH FB	TO PREFIX	TO CONNECTOR	TO PIN	TO SH FB	WIRE MULTI GROUP	WIRE CODE	WIRE COLOR	WIRE IDENT	SPC INST MISC	SIGNAL	SEQ NO	EQUATION	TERM FACTOR	CNT OR CHIP TYPE	GROUP	LOAD OR POWER PLANE	TEST POINTS AND	TEST POINTS OR	SIGNAL DESCRIPTION	ECO NO
09590		XA348	01			XA349	01			16B	9			MSES0B	24			SAM	Z1					
09591		XA348	02											GND	01			SAM						
09592		XA348	03											SPP	01			SAM						
09593		XA348	04											SPP	01			SAM						
09594		XA348	05											SSA03A	02			SAM	Z1					
09595		XA348	06											SPP	01			SAM						
09596		XA348	07											SSB03A	02			SAM	Z1					
09597		XA348	08											SPP	01			SAM						
09598		XA348	09											SPP	01			SAM						
09599		XA348	10											SPP	01			SAM						
09600		XA348	11			XA347	11			18D	2			+5VSAM	14			SAM						
09601		XA348	12											+5V	01			SAM						
09602		XA348	13											SSA03B	02			SAM	Z1					
09603		XA348	14											SSB03B	02			SAM	Z1					
09604		XA348	15											SPP	01			SAM						
09605		XA348	16											GND	01			SAM						
09606		XA348	17			XA347	17			16B	9			MSES1B	13			SAM	Z1					
09607		XA348	18											SPP	01			SAM	Z1					
09608		XA348	19			XA348	43			16B	9			MSD03A	02			SAM	Z1					
09609		XA348	20			XA349	20			16B	9			MSES2B	18			SAM	Z2					
09610		XA348	21											SPP	01			SAM						
09611		XA348	22											SPP	01			SAM						
09612		XA348	23											SSA03C	02			SAM	Z2					
09613		XA348	24											SPP	01			SAM						
09614		XA348	25											SSB03C	02			SAM	Z2					
09615		XA348	26											SPP	01			SAM						
00021		XA348	27											DNW	01	+5SAM		SAM						
09616		XA348	28											+5V	01			SAM						
09617		XA348	29											SPP	01			SAM				KEYWAY		
09618		XA348	30											SPP	01			SAM				KEYWAY		
09619		XA348	31											SPP	01			SAM						
09620		XA348	32											GND	01			SAM						
09621		XA348	33											SSA03D	02			SAM	Z2					
09622		XA348	34											SPP	01			SAM						
09623		XA348	35											SSB03D	02			SAM	Z2					
09624		XA348	36											SPP	01			SAM						
09625		XA348	37											SPP	01			SAM						
09626		XA348	38											SPP	01			SAM						
09627		XA348	39			XA347	39			18D	2			+5VREF	13			SAM	Z2					
09628		XA348	40											SPP	01			SAM						
09629		XA348	41			XA347	41			16B	9			MSES3B	19			SAM	Z2					
09630		XA348	42											SPP	01			SAM						
09631		XA348	43			XA348	65			16B	9			MSD03A	03			SAM	Z2					
09632		XA348	44											GND	01			SAM						
09633		XA348	45			XA347	45			16B	9			MSES4B	19			SAM	Z3					
09634		XA348	46											SPP	01			SAM						
09635		XA348	47											SPP	01			SAM						
09636		XA348	48											SPP	01			SAM						
09637		XA348	49											SSA03E	02			SAM	Z3					
09638		XA348	50											SPP	01			SAM						
CONNECTOR XA348) CONTINUED ON THE NEXT PAGE ****																								

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DRAWING NUMBER 149304-880 UNIT ASSEMBLY NO. 149304 REV G INDEX XA348

UNIT ASSEMBLY CARD CAGE WIRED, MCU CONNECTOR FILE IDENT T39AMCMU DATE 09-02-82 PAGE 323

RECORD NUMBER	FROM PREFIX	FROM CONNECTOR	FROM PIN	FROM SH FG	TO PREFIX	TO CONNECTOR	TO PIN	TO SH FG	WIRE MULTI GROUP	WIRE CODE	WIRE COLOR	WIRE IDENT	SPEC INST MISC	SIGNAL	SEQ NO	EQUATION	TERM	FACTOR	CKT OR CHIP TYPE	GROUP	LOAD OR POWER PLANE	TEST POINTS AND	TEST POINTS OR	SIGNAL DESCRIPTION	ECO NO
09639		XA348	51											SSB03E	02				SAM	Z3					
09640		XA348	52											SPP	01				SAM						
09641		XA348	53											SPP	01				SAM					KEYWAY	
09642		XA348	54											SPP	01				SAM					KEYWAY	
09643		XA348	55											SSA03F	02				SAM	Z3					
09644		XA348	56											SPP	01				SAM						
09645		XA348	57											SSB03F	02				SAM	Z3					
09646		XA348	58											GND	01				SAM						
09647		XA348	59			XA347	60			18D	7			-5VOLT	27				SAM						
09648		XA348	60			XA348	59			18D	7			-5VOLT	26				SAM						
09649		XA348	61											SPP	01				SAM	Z3					
09650		XA348	62											SPP	01				SAM						
09651		XA348	63			XA349	63			16B	9			MSES5B	18				SAM	Z3					
09652		XA348	64											SPP	01				SAM						
09653		XA348	65			XA348	78			16B	9			MSD03A	04				SAM	Z3					
09654		XA348	66			XA347	66			16B	9			MSES6B	13				SAM	Z4					
09655		XA348	67											GND	01				SAM						
09656		XA348	68											SPP	01				SAM						
09657		XA348	69											SSA03H	02				SAM	Z4					
09658		XA348	70											SPP	01				SAM						
09659		XA348	71											SSB03H	02				SAM	Z4					
09660		XA348	72											SSA03J	02				SAM	Z4					
09661		XA348	73											SPP	01				SAM						
09662		XA348	74											SSB03J	02				SAM	Z4					
09663		XA348	75											SPP	01				SAM						
09664		XA348	76											SPP	01				SAM						
09665		XA348	77			XA347	77			16B	9			MSES7B	13				SAM	Z4					
09666		XA348	78			XA348	80			16B	9			MSD03A	05				SAM						
09667		XA348	79			XA349	79			18D	2			+05RES	391				SAM	Z4					
09668		XA348	80											MSD03A	06				SAM	Z4					
09669		XA349	01			XA350	01			16B	9			MSES0B	25				SAM	Z1					
09670		XA349	02											GND	01				SAM						
09671		XA349	03											SPP	01				SAM						
09672		XA349	04											SPP	01				SAM						
09673		XA349	05											SSA02A	02				SAM	Z1					
09674		XA349	06											SPP	01				SAM						
09675		XA349	07											SSB02A	02				SAM	Z1					
09676		XA349	08											SPP	01				SAM						
09677		XA349	09											SPP	01				SAM						
09678		XA349	10											SPP	01				SAM						
09679		XA349	11			XA348	11			18D	2			+5VSAM	13				SAM						
09680		XA349	12											+5V	01				SAM						
09681		XA349	13											SSA02B	02				SAM	Z1					
09682		XA349	14											SSB02B	02				SAM	Z1					
09683		XA349	15											SPP	01				SAM						
09684		XA349	16											GND	01				SAM						
09685		XA349	17			XA348	17			16B	9			MSES1B	12				SAM	Z1					
09686		XA349	18											SPP	01				SAM	Z1					
CONNECTOR XA349) CONTINUED ON THE NEXT PAGE ****																									

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DRAWING NUMBER 149304-880 UNIT ASSEMBLY NO. 149304 REV G INDEX XA349

UNIT ASSEMBLY CARD CAGE WIRED, MCU CONNECTOR FILE IDENT T39AMCMU DATE 09-02-82 PAGE 324

RECORD NUMBER	FROM PREFIX	FROM CONNECTOR	FROM PIN	SH FG	TO PREFIX	TO CONNECTOR	TO PIN	SH FG	WIRE MULTI GROUP	WIRE CODE	WIRE COLOR	WIRE IDENT	SPC INST MISC	SIGNAL	DEC NO	EQUATION	TERM FACTOR	CKT OR CHIP TYPE	GROUP	LOAD OR POWER PLANE	TEST POINTS AND/OR	SIGNAL DESCRIPTION	ECO NO
09687		XA349	19			XA324	38			16B	9			MSD02A	04			SAM	Z1				
09688		XA349	20			XA350	20			16B	9			MSES2B	19			SAM	Z2				
09689		XA349	21											SPP	01			SAM					
09690		XA349	22											SPP	01			SAM					
09691		XA349	23											SSA02C	02			SAM	Z2				
09692		XA349	24											SPP	01			SAM					
09693		XA349	25											SSB02C	02			SAM	Z2				
09694		XA349	26											SPP	01			SAM					
00022		XA349	27											DNW	01	+5SAM		SAM					
09695		XA349	28											+5V	01			SAM					
09696		XA349	29											SPP	01			SAM				KEYWAY	
09697		XA349	30											SPP	01			SAM				KEYWAY	
09698		XA349	31											SPP	01			SAM					
09699		XA349	32											GND	01			SAM					
09700		XA349	33											SSA02D	02			SAM	Z2				
09701		XA349	34											SPP	01			SAM					
09702		XA349	35											SSB02D	02			SAM	Z2				
09703		XA349	36											SPP	01			SAM					
09704		XA349	37											SPP	01			SAM					
09705		XA349	38											SPP	01			SAM					
09706		XA349	39			XA348	39			18D	2			+5VREF	12			SAM	Z2				
09707		XA349	40											SPP	01			SAM					
09708		XA349	41			XA348	41			16B	9			MSES3B	18			SAM	Z2				
09709		XA349	42											SPP	01			SAM					
09710		XA349	43			XA349	19			16B	9			MSD02A	03			SAM	Z2				
09711		XA349	44											GND	01			SAM					
09712		XA349	45			XA348	45			16B	9			MSES4B	18			SAM	Z3				
09713		XA349	46											SPP	01			SAM					
09714		XA349	47											SPP	01			SAM					
09715		XA349	48											SPP	01			SAM					
09716		XA349	49											SSA02E	02			SAM	Z3				
09717		XA349	50											SPP	01			SAM					
09718		XA349	51											SSB02E	02			SAM	Z3				
09719		XA349	52											SPP	01			SAM					
09720		XA349	53											SPP	01			SAM				KEYWAY	
09721		XA349	54											SPP	01			SAM				KEYWAY	
09722		XA349	55											SSA02F	02			SAM	Z3				
09723		XA349	56											SPP	01			SAM					
09724		XA349	57											SSB02F	02			SAM	Z3				
09725		XA349	58											GND	01			SAM					
09726		XA349	59			XA348	60			18D	7			-5VOLT	25			SAM					
09727		XA349	60			XA349	59			18D	7			-5VOLT	26			SAM					
09728		XA349	61											SPP	01			SAM	Z3				
09729		XA349	62											SPP	01			SAM					
09730		XA349	63			XA350	63			16B	9			MSES5B	19			SAM	Z3				
09731		XA349	64											SPP	01			SAM					
09732		XA349	65			XA349	43			16B	9			MSD02A	02			SAM	Z3				
09733		XA349	66			XA348	66			16B	9			MSES6B	12			SAM	Z4				
09734		XA349	67											GND	01			SAM					
09735		XA349	68											SPP	01			SAM					
CONNECTOR XA349) CONTINUED ON THE NEXT PAGE ****																							

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RECORD NUMBER	FROM PREFIX	FROM CONNECTOR	FROM PIN	SHIELD	TO PREFIX	TO CONNECTOR	TO PIN	SHIELD	WIRE MULT GROUP	WIRE CODE	WIRE COLOR	WIRE IDENT	SPEC NOT MISC	SIGNAL	SPEC NO	EQUATION	TERM FACTOR	CKT OR CHIP TYPE	SPOF	LOAD OR POWER PLANS	TEST POINTS AND	TEST POINTS OR	SIGNAL DESCRIPTION	ECO NO
09736		XA349	69											SSA02H	02			SAM	Z4					
09737		XA349	70											SPP	01			SAM						
09738		XA349	71											SSB02H	02			SAM	Z4					
09739		XA349	72											SSA02J	02			SAM	Z4					
09740		XA349	73											SPP	01			SAM						
09741		XA349	74											SSB02J	02			SAM	Z4					
09742		XA349	75											SPP	01			SAM						
09743		XA349	76											SPP	01			SAM						
09744		XA349	77			XA348	77			16B	9			MSES7B	12			SAM	Z4					
09745		XA349	78			XA349	65			16B	9			MSD02A	011			SAM						
09746		XA349	79			XA350	79			18D	2			+05RES	40			SAM	Z4					
09747		XA349	80			XA349	78			16B	9			MSD02A	01			SAM	Z4				SENSE AMP 02*	
09748		XA350	01			XA351	01			16B	9			MSES0B	26			SAM	Z1					
09749		XA350	02											GND	01			SAM						
09750		XA350	03											SPP	01			SAM						
09751		XA350	04											SPP	01			SAM						
09752		XA350	05											SSA01A	02			SAM	Z1					
09753		XA350	06											SPP	01			SAM						
09754		XA350	07											SSB01A	02			SAM	Z1					
09755		XA350	08											SPP	01			SAM						
09756		XA350	09											SPP	01			SAM						
09757		XA350	10											SPP	01			SAM						
09758		XA350	11			XA349	11			18D	2			+5VSAM	12			SAM						
09759		XA350	12											+5V	01			SAM						
09760		XA350	13											SSA01B	02			SAM	Z1					
09761		XA350	14											SSB01B	02			SAM	Z1					
09762		XA350	15											SPP	01			SAM						
09763		XA350	16											GND	01			SAM						
09764		XA350	17			XA349	17			16B	9			MSES1B	11			SAM	Z1					
09765		XA350	18											SPP	01			SAM	Z1					
09766		XA350	19			XA324	20			16B	9			MSD01A	04			SAM	Z1					
09767		XA350	20			XA351	20			16B	9			MSES2B	20			SAM	Z2					
09768		XA350	21											SPP	01			SAM						
09769		XA350	22											SPP	01			SAM						
09770		XA350	23											SSA01C	02			SAM	Z2					
09771		XA350	24											SPP	01			SAM						
09772		XA350	25											SSB01C	02			SAM	Z2					
09773		XA350	26											SPP	01			SAM						
00023		XA350	27											DNW	01	+5SAM		SAM						
09774		XA350	28											+5V	01			SAM						
09775		XA350	29											SPP	01			SAM					KEYWAY	
09776		XA350	30											SPP	01			SAM					KEYWAY	
09777		XA350	31											SPP	01			SAM						
09778		XA350	32											GND	01			SAM						
09779		XA350	33											SSA01D	02			SAM	Z2					
09780		XA350	34											SPP	01			SAM						
09781		XA350	35											SSB01D	02			SAM	Z2					
09782		XA350	36											SPP	01			SAM						

CONNECTOR XA350) CONTINUED ON THE NEXT PAGE ****

RECORD NUMBER	FROM PREFIX	FROM CONNECTOR	FROM PIN	FROM SH FG	TO PREFIX	TO CONNECTOR	TO PIN	TO SH FG	WIRE MULTI GROUP	WIRE CODE	WIRE COLOR	WIRE IDENT	SPEC INST MISC	SIGNAL	SEQ NO	EQUATION	TERM FACTOR	CKT OR CHIP TYPE	GATE	LOAD OR POWER PLANE	TEST POINTS ENA	TEST POINTS DIR	SIGNAL DESCRIPTION	ECO NO
09783		XA350	37											SPP	01			SAM						
09784		XA350	38											SPP	01			SAM						
09785		XA350	39			XA349	39			18D	2			+5VREF	11			SAM	Z2					
09786		XA350	40											SPP	01			SAM						
09787		XA350	41			XA349	41			16B	9			MSES3B	17			SAM	Z2					
09788		XA350	42											SPP	01			SAM						
09789		XA350	43			XA350	19			16B	9			MSD01A	03			SAM	Z2					
09790		XA350	44											GND	01			SAM						
09791		XA350	45			XA349	45			16B	9			MSES4B	17			SAM	Z3					
09792		XA350	46											SPP	01			SAM						
09793		XA350	47											SPP	01			SAM						
09794		XA350	48											SPP	01			SAM						
09795		XA350	49											SSA01E	02			SAM	Z3					
09796		XA350	50											SPP	01			SAM						
09797		XA350	51											SSB01E	02			SAM	Z3					
09798		XA350	52											SPP	01			SAM						
09799		XA350	53											SPP	01			SAM					KEYWAY	
09800		XA350	54											SPP	01			SAM					KEYWAY	
09801		XA350	55											SSA01F	02			SAM	Z3					
09802		XA350	56											SPP	01			SAM						
09803		XA350	57											SSB01F	02			SAM	Z3					
09804		XA350	58											GND	01			SAM						
09805		XA350	59			XA349	60			18D	7			-5VOLT	23			SAM						
09806		XA350	60			XA350	59			18D	7			-5VOLT	22			SAM						
09807		XA350	61											SPP	01			SAM	Z3					
09808		XA350	62											SPP	01			SAM						
09809		XA350	63			XA351	63			16B	9			MSES5B	20			SAM	Z3					
09810		XA350	64											SPP	01			SAM						
09811		XA350	65			XA350	43			16B	9			MSD01A	02			SAM	Z3					
09812		XA350	66			XA349	66			16B	9			MSES6B	11			SAM	Z4					
09813		XA350	67											GND	01			SAM						
09814		XA350	68											SPP	01			SAM						
09815		XA350	69											SSA01H	02			SAM	Z4					
09816		XA350	70											SPP	01			SAM						
09817		XA350	71											SSB01H	02			SAM	Z4					
09818		XA350	72											SSA01J	02			SAM	Z4					
09819		XA350	73											SPP	01			SAM						
09820		XA350	74											SSB01J	02			SAM	Z4					
09821		XA350	75											SPP	01			SAM						
09822		XA350	76											SPP	01			SAM						
09823		XA350	77			XA349	77			16B	9			MSES7B	11			SAM	Z4					
09824		XA350	78			XA350	65			16B	9			MSD01A	011			SAM						
09825		XA350	79			XA351	79			18D	2			+05RES	41			SAM	Z4					
09826		XA350	80			XA350	78			16B	9			MSD01A	01			SAM	Z4				SENSE AMP 01*	
09827		XA351	01			XA451	01			16B	9			MSES0B	27			SAM	Z1					
09828		XA351	02											GND	01			SAM						
09829		XA351	03											SPP	01			SAM						
09830		XA351	04											SPP	01			SAM						
CONNECTOR		XA351	) CONTINUED ON THE NEXT PAGE ****																					

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DRAWING NUMBER 149304-880 UNIT ASSEMBLY NO. 149304 REV G INDEX XA51

UNIT ASSEMBLY CARD CAGE WIRED, MCU CONNECTOR FILE IDENT T39AMCMU DATE 09-02-82 PAGE 327

RECORD NUMBER	FROM PREFIX	FROM CONNECTOR	FROM PIN	FROM SHIELD	TO PREFIX	TO CONNECTOR	TO PIN	TO SHIELD	WIRE WIRE GROUP	WIRE CODE	WIRE COLOR	WIRE DENSITY	SPECIAL INSTRUCTIONS	SIGNAL	SEG NO	EQUATION	TERM	FACTOR	CKT OR CHIP TYPE	GRID	LOAD OR POWER PLANE	TEST POINTS AND	TEST POINTS OR	SIGNAL DESCRIPTION	ECO NO
09831		XA351	05											SSA00A	02				SAM	Z1					
09832		XA351	06											SPP	01				SAM						
09833		XA351	07											SSB00A	02				SAM	Z1					
09834		XA351	08											SPP	01				SAM						
09835		XA351	09											SPP	01				SAM						
09836		XA351	10											SPP	01				SAM						
09837		XA351	11			XA350	11			18D	2			+5VSAM	11				SAM						
09838		XA351	11							18D	2		K	+5VSAM	38				SAM						
09839		XA351	12											+5V	01				SAM						
09840		XA351	13											SSA00B	02				SAM	Z1					
09841		XA351	14											SSB00B	02				SAM	Z1					
09842		XA351	15											SPP	01				SAM						
09843		XA351	16											GND	01				SAM						
09844		XA351	17			XA350	17			16B	9			MSES1B	10				SAM	Z1					
09845		XA351	18											SPP	01				SAM	Z1					
09846		XA351	19			XA324	22			16B	9			MSD00A	04				SAM	Z1					
09847		XA351	20			XA451	20			16B	9			MSES2B	21				SAM	Z2					
09848		XA351	21											SPP	01				SAM						
09849		XA351	22											SPP	01				SAM						
09850		XA351	23											SSA00C	02				SAM	Z2					
09851		XA351	24											SPP	01				SAM						
09852		XA351	25											SSB00C	02				SAM	Z2					
09853		XA351	26											SPP	01				SAM						
00024		XA351	27											DNW	01	+5SAM			SAM						
09854		XA351	28											+5V	01				SAM						
09855		XA351	29											SPP	01				SAM					KEYWAY	
09856		XA351	30											SPP	01				SAM					KEYWAY	
09857		XA351	31											SPP	01				SAM						
09858		XA351	32											GND	01				SAM						
09859		XA351	33											SSA00D	02				SAM	Z2					
09860		XA351	34											SPP	01				SAM						
09861		XA351	35											SSB00D	02				SAM	Z2					
09862		XA351	36											SPP	01				SAM						
09863		XA351	37											SPP	01				SAM						
09864		XA351	38											SPP	01				SAM						
09865		XA351	39			XA350	39			18D	2			+5VREF	10				SAM	Z2					
09866		XA351	39										K	+5VREF	37				SAM	Z2					
09867		XA351	40											SPP	01				SAM						
09868		XA351	41			XA350	41			16B	9			MSES3B	16				SAM	Z2					
09869		XA351	42											SPP	01				SAM						
09870		XA351	43			XA351	19			16B	9			MSD00A	03				SAM	Z2					
09871		XA351	44											GND	01				SAM						
09872		XA351	45			XA350	45			16B	9			MSES4B	16				SAM	Z3					
09873		XA351	46											SPP	01				SAM						
09874		XA351	47											SPP	01				SAM						
09875		XA351	48											SPP	01				SAM						
09876		XA351	49											SSA00E	02				SAM	Z3					
09877		XA351	50											SPP	01				SAM						
09878		XA351	51											SSB00E	02				SAM	Z3					
09879		XA351	52											SPP	01				SAM						

CONNECTOR (XA351) CONTINUED ON THE NEXT PAGE ****

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DRAWING NUMBER 149304-880 UNIT ASSEMBLY NO. 149304 REV G INDEX XA351

UNIT ASSEMBLY CARD CAGE WIRED, MCU CONNECTOR FILE IDENT T39AMCMU DATE 09-02-82 PAGE 328

RECORD NUMBER	FROM PREFIX	FROM CONNECTOR	FROM PIN	FROM SH FG	TO PREFIX	TO CONNECTOR	TO PIN	TO SH FG	WIRE MULTI GROUP	WIRE CODE	WIRE COLOR	WIRE IDENT	SPEC INST MISC	SIGNAL	SEC NO	EQUATION	TERM	FACTOR	CRT OR CHIP TYPE	GROUP	SIDE OF BOARD PLANE	TEST POINTS ANC	TEST POINTS OR	SIGNAL DESCRIPTION	ECO NO
09880		XA351	53											SPP	01				SAM					KEYWAY	
09881		XA351	54											SPP	01				SAM					KEYWAY	
09882		XA351	55											SSA00F	02				SAM	Z3					
09883		XA351	56											SPP	01				SAM						
09884		XA351	57											SSB00F	02				SAM	Z3					
09885		XA351	58											GND	01				SAM						
09886		XA351	59			XA350	60			18D	7			-5VOLT	21				SAM						
09887		XA351	59										K	-5VOLT	72				SAM						
09888		XA351	60			XA351	59			18D	7			-5VOLT	20				SAM						
09889		XA351	60										M	-5VOLT	01				SAM						
09890		XA351	61											SPP	01				SAM	Z3					
09891		XA351	62											SPP	01				SAM						
09892		XA351	63										K	MSES5B	21				SAM	Z3					
09893		XA351	64											SPP	01				SAM						
09894		XA351	65			XA351	43			16B	9			MSD00A	02				SAM	Z3					
09895		XA351	66			XA350	66			16B	9			MSES6B	10				SAM	Z4					
09896		XA351	67											GND	01				SAM						
09897		XA351	68											SPP	01				SAM						
09898		XA351	69											SSA00H	02				SAM	Z4					
09899		XA351	70											SPP	01				SAM						
09900		XA351	71											SSB00H	02				SAM	Z4					
09901		XA351	72											SSA00J	02				SAM	Z4					
09902		XA351	73											SPP	01				SAM						
09903		XA351	74											SSB00J	02				SAM	Z4					
09904		XA351	75											SPP	01				SAM						
09905		XA351	76											SPP	01				SAM						
09906		XA351	77			XA350	77			18B	9			MSES7B	10				SAM	Z4					
09907		XA351	77										K	MSES7B	092				SAM	Z4					
09908		XA351	78			XA351	65			16B	9			MSD00A	011				SAM						
09909		XA351	79			XA451	79			18D	2			+05RES	42				SAM	Z4					
09910		XA351	80			XA351	78			16B	9			MSD00A	01				SAM	Z4				SENSE AMP 00*	
09911		XA401	01			XA422	46			16B	9			MDY0PDX	01				EXT						
09912		XA401	02											GND	01				EXT						
09913		XA401	03			XA424	46			16B	9			MDY00DX	01				EXT						
09914		XA401	04											GND	01				EXT						
09915		XA401	05			XA424	55			16B	9			MDY01DX	01				EXT						
09916		XA401	06											GND	01				EXT						
09917		XA401	07			XA424	60			16B	9			MDY02DX	01				EXT						
09918		XA401	08											GND	01				EXT						
09919		XA401	09			XA424	43			16B	9			MDY03DX	01				EXT						
09920		XA401	10			XA401	12			16B	9			GND800	01				EXT						
09921		XA401	11			XA424	65			16B	9			MDY04DX	01				EXT						
09922		XA401	12											GND800	02				EXT						
09923		XA401	12											GND					EXT						
09924		XA401	13			XA424	78			16B	9			MDY05DX	01				EXT						
09925		XA401	14											GND	01				EXT						
09926		XA401	15			XA404	15			16B	9			MDY06DX	02				EXT						
09927		XA401	16											GND	01				EXT						
CONNECTOR XA401 CONTINUED ON THE NEXT PAGE ****																									

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RECORD NUMBER	FROM PREFIX	FROM CONNECTOR	FROM PIN	FROM SPL FU	TO PREFIX	TO CONNECTOR	TO PIN	TO SPL FU	WIRE MULTI GROUP	WIRE CODE	WIRE COLOR	WIRE IDENT	SPEC INST MISC	SIGNAL	SEQ NO	EQUATION	TERM FACTOR	CKT OR CHIP TYPE	GROUP	LOAD OR POWER PLANE	TEST POINTS AND	TEST POINTS OR	SIGNAL DESCRIPTION	ECO NO
09928		XA401	17			XA404	17			16B	9			MDY07DX	02			EXT						
09929		XA401	18											GND	01			EXT						
09930		XA401	19			XA404	19			16B	9			MDY08DX	02			EXT						
09931		XA401	20											GND	01			EXT						
09932		XA401	21			XA404	21			16B	9			MDY09DX	02			EXT						
09933		XA401	22											GND	01			EXT						
09934		XA401	23			XA423	14			16B	9			MDY10DX	01			EXT						
09935		XA401	24											GND	01			EXT						
09936		XA401	25			XA423	01			16B	9			MDY11DX	01			EXT						
09937		XA401	26											GND	01			EXT						
09938		XA401	27			XA423	27			16B	9			MDY12DX	01			EXT						
09939		XA401	28											GND	01			EXT						
09940		XA401	29			XA423	37			16B	9			MDY13DX	01			EXT						
09941		XA401	30											GND	01			EXT						
09942		XA401	31			XA423	41			16B	9			MDY14DX	01			EXT						
09943		XA401	32											GND	01			EXT						
09944		XA401	33			XA423	23			16B	9			MDY15DX	01			EXT						
09945		XA401	34											GND	01			EXT						
09946		XA401	35			XA423	46			16B	9			MDY16DX	01			EXT						
09947		XA401	36											GND	01			EXT						
09948		XA401	37			XA423	55			16B	9			MDY17DX	01			EXT						
09949		XA401	38											GND	01			EXT						
09950		XA401	39			XA423	60			16B	9			MDY18DX	01			EXT						
09951		XA401	40											GND	01			EXT						
09952		XA401	41			XA423	43			16B	9			MDY19DX	01			EXT						
09953		XA401	42											GND	01			EXT						
09954		XA401	43			XA423	65			16B	9			MDY20DX	01			EXT						
09955		XA401	44											GND	01			EXT						
09956		XA401	45			XA423	78			16B	9			MDY21DX	01			EXT						
09957		XA401	46											GND	01			EXT						
09958		XA401	47			XA423	80			16B	9			MDY22DX	01			EXT						
09959		XA401	48											GND	01			EXT						
09960		XA401	49			XA423	61			16B	9			MDY23DX	01			EXT						
09961		XA401	50											GND	01			EXT						
09962		XA401	51			XA422	07			16B	9			MDY24DX	01			EXT						
09963		XA401	52											GND	01			EXT						
09964		XA401	53			XA422	17			16B	9			MDY25DX	01			EXT						
09965		XA401	54											GND	01			EXT						
09966		XA401	55			XA422	14			16B	9			MDY26DX	01			EXT						
09967		XA401	56											GND	01			EXT						
09968		XA401	57			XA422	01			16B	9			MDY27DX	01			EXT						
09969		XA401	58											GND	01			EXT						
09970		XA401	59			XA422	27			16B	9			MDY28DX	01			EXT						
09971		XA401	60											GND	01			EXT						
09972		XA401	61			XA422	37			16B	9			MDY29DX	01			EXT						
09973		XA401	62											GND	01			EXT						
09974		XA401	63			XA422	41			16B	9			MDY30DX	01			EXT						
09975		XA401	64											GND	01			EXT						
09976		XA401	65			XA422	23			16B	9			MDY31DX	01			EXT						
09977		XA401	66											GND	01			EXT						

CONNECTOR XA401) CONTINUED ON THE NEXT PAGE ****

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DRAWING NUMBER 149304-880 UNIT ASSEMBLY NO. 149304 REV G INDEX XA401

UNIT ASSEMBLY CARD CAGE WIRED, MCU CONNECTOR FILE IDENT T39AMCMU DATE 09-02-82 PAGE 330

RECORD NUMBER	FROM PREFIX	FROM CONNECTOR	FROM PIN	FROM SH FG	TO PREFIX	TO CONNECTOR	TO PIN	TO SH FG	WIRE MULTI GROUP	WIRE CODE	WIRE COLOR	WIRE IDENT	SPEC INST MISC	SIGNAL	SEQ NO	EQUATION	TERM FACTOR	CNT OR CHIP TYPE	GRAV	LOAD OR POWER PLANE	TEST POINTS GND	TEST POINTS DP	SIGNAL DESCRIPTION	ECO NO
09978		XA401	67			XA404	67			16B	9			MDYMIDX	02			EXT						
09979		XA401	68											GND	02			EXT						
09980		XA401	69			XA422	65			16B	9			MDYACDX	01			EXT						
09981		XA401	70											GND	01			EXT						
09982		XA401	71			XA422	78			16B	9			MDYHCDX	01			EXT						
09983		XA401	72											GND	02			EXT						
09984		XA401	73			XA404	73			16B	9			MDYS1HX	02			EXT						
09985		XA401	74			XA321	51			16B	9			MDYS1GX	01			EXT						
09986		XA401	75			XA404	75			16B	9			MDYS2HX	02			EXT						
09987		XA401	76			XA322	51			16B	9			MDYS2GX	01			EXT						
09988		XA401	77			XA422	55			16B	9			MDYAPDX	01			EXT						
09989		XA401	78											GND	01			EXT						
09990		XA401	79			XA404	79			16B	9			MDYPFDX	02			EXT						
09991		XA401	80											GND	02			EXT						
09992		XA402	01			XA403	01			16B	9			MCY0PDX	02			EXT						
09993		XA402	02											GND	01			EXT						
09994		XA402	03			XA426	07			16B	9			MCY00DX	01			EXT						
09995		XA402	04											GND	01			EXT						
09996		XA402	05			XA426	17			16B	9			MCY01DX	01			EXT						
09997		XA402	06											GND	01			EXT						
09998		XA402	07			XA426	14			16B	9			MCY02DX	01			EXT						
09999		XA402	08											GND	01			EXT						
10000		XA402	09			XA426	01			16B	9			MCY03DX	01			EXT						
10001		XA402	10			XA402	12			16B	9			GND700	01			EXT						
10002		XA402	11			XA426	27			16B	9			MCY04DX	01			EXT						
10003		XA402	12											GND700	02			EXT						
10004		XA402	12											GND				EXT						
10005		XA402	13			XA426	37			16B	9			MCY05DX	01			EXT						
10006		XA402	14											GND	01			EXT						
10007		XA402	15			XA403	15			16B	9			MCY06DX	02			EXT						
10008		XA402	16											GND	01			EXT						
10009		XA402	17			XA403	17			16B	9			MCY07DX	02			EXT						
10010		XA402	18											GND	01			EXT						
10011		XA402	19			XA403	19			16B	9			MCY08DX	02			EXT						
10012		XA402	20											GND	01			EXT						
10013		XA402	21			XA403	21			16B	9			MCY09DX	02			EXT						
10014		XA402	22											GND	01			EXT						
10015		XA402	23			XA426	60			16B	9			MCY10DX	01			EXT						
10016		XA402	24											GND	01			EXT						
10017		XA402	25			XA426	43			16B	9			MCY11DX	01			EXT						
10018		XA402	26											GND	01			EXT						
10019		XA402	27			XA426	65			16B	9			MCY12DX	01			EXT						
10020		XA402	28											GND	01			EXT						
10021		XA402	29			XA426	78			16B	9			MCY13DX	01			EXT						
10022		XA402	30											GND	01			EXT						
10023		XA402	31			XA426	80			16B	9			MCY14DX	01			EXT						
10024		XA402	32											GND	01			EXT						
10025		XA402	33			XA426	61			16B	9			MCY15DX	01			EXT						
CONNECTOR (XA402) CONTINUED ON THE NEXT PAGE ****																								

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DRAWING NUMBER 149304-880 UNIT ASSEMBLY NO. 149304 REV G INDEX XA402

UNIT ASSEMBLY CARD CAGE WIRED, MCU CONNECTOR FILE IDENT T39AMCMU DATE 09-02-82 PAGE 331

RECORD NUMBER	FROM PREFIX	FROM CONNECTOR	FROM PIN	FROM SHEET	TO PREFIX	TO CONNECTOR	TO PIN	TO SHEET	*PE CKT GROUP	*PE CODE	*PE COLOR	*PE IDENT	SPEC NOTE	SIGNAL	SEQ NO	EQUATION	TERM FACTOR	CKT OR CHIP TYPE	GROUP	LOAD OR POWER PLANE	TEST POINTS AND	TEST POINTS OR	SIGNAL DESCRIPTION	ECO NO
10026		XA402	34											GND	01			EXT						
10027		XA402	35			XA425	07			16B	9			MCY16DX	01			EXT						
10028		XA402	36											GND	01			EXT						
10029		XA402	37			XA425	17			16B	9			MCY17DX	01			EXT						
10030		XA402	38											GND	01			EXT						
10031		XA402	39			XA425	14			16B	9			MCY18DX	01			EXT						
10032		XA402	40											GND	01			EXT						
10033		XA402	41			XA425	01			16B	9			MCY19DX	01			EXT						
10034		XA402	42											GND	01			EXT						
10035		XA402	43			XA425	27			16B	9			MCY20DX	01			EXT						
10036		XA402	44											GND	01			EXT						
10037		XA402	45			XA425	37			16B	9			MCY21DX	01			EXT						
10038		XA402	46											GND	01			EXT						
10039		XA402	47			XA425	41			16B	9			MCY22DX	01			EXT						
10040		XA402	48											GND	01			EXT						
10041		XA402	49			XA425	23			16B	9			MCY23DX	01			EXT						
10042		XA402	50											GND	01			EXT						
10043		XA402	51			XA425	46			16B	9			MCY24DX	01			EXT						
10044		XA402	52											GND	01			EXT						
10045		XA402	53			XA425	55			16B	9			MCY25DX	01			EXT						
10046		XA402	54											GND	01			EXT						
10047		XA402	55			XA425	60			16B	9			MCY26DX	01			EXT						
10048		XA402	56											GND	01			EXT						
10049		XA402	57			XA425	43			16B	9			MCY27DX	01			EXT						
10050		XA402	58											GND	01			EXT						
10051		XA402	59			XA425	65			16B	9			MCY28DX	01			EXT						
10052		XA402	60											GND	01			EXT						
10053		XA402	61			XA425	78			16B	9			MCY29DX	01			EXT						
10054		XA402	62											GND	01			EXT						
10055		XA402	63			XA425	80			16B	9			MCY30DX	01			EXT						
10056		XA402	64											GND	01			EXT						
10057		XA402	65			XA425	61			16B	9			MCY31DX	01			EXT						
10058		XA402	66											GND	01			EXT						
10059		XA402	67			XA403	67			16B	9			MCYMIDX	02			EXT						
10060		XA402	68											GND	02			EXT						
10061		XA402	69			XA424	27			16B	9			MCYACDX	01			EXT						
10062		XA402	70											GND	01			EXT						
10063		XA402	71			XA424	37			16B	9			MCYHCDX	01			EXT						
10064		XA402	72											GND	02			EXT						
10065		XA402	73			XA403	73			16B	9			MCYS1HX	02			EXT						
10066		XA402	74			XA321	59			16B	9			MCYS1GX	01			EXT						
10067		XA402	75			XA403	75			16B	9			MCYS2HX	02			EXT						
10068		XA402	76			XA322	59			16B	9			MCYS2GX	01			EXT						
10069		XA402	77			XA424	17			16B	9			MCYAPDX	01			EXT						
10070		XA402	78											GND	01			EXT						
10071		XA402	79			XA403	79			16B	9			MCYPFDX	02			EXT						
10072		XA402	80											GND	01			EXT						

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DRAWING NUMBER 149304-880 UNIT ASSEMBLY NO. 149304 REV G INDEX XA403

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RECORD NUMBER	FROM PREFIX	FROM CONNECTOR	FROM PIN	FROM SHEG	TO PREFIX	TO CONNECTOR	TO PIN	TO SHEG	WIRE MULTI GROUP	WIRE CODE	WIRE COLOR	WIRE IDENT	SPEC TEST MISC	SIGNAL	SEC NO	EQUATION	TERM	FACTOR	CAT OR CHIP TYPE	GROUP	LOAD OR POWER PLANE	TEST POINTS	SIGNAL DESCRIPTION	ECO NO
10073		XA403	01			XA502	05			16B	9			MCY0PDX	03				EXT					
10074		XA403	02			XA404	02			16B	9			GND1000	01				EXT					
10075		XA403	02											GND					EXT					
10076		XA403	03			XA402	03			16B	9			MCY00DX	005				EXT					
10077		XA403	04			XA404	04			16B	9			GND1001	01				EXT					
10078		XA403	04											GND					EXT					
10079		XA403	05			XA402	05			16B	9			MCY01DX	005				EXT					
10080		XA403	06			XA404	06			16B	9			GND1002	01				EXT					
10081		XA403	06											GND					EXT					
10082		XA403	07			XA402	07			16B	9			MCY02DX	005				EXT					
10083		XA403	08			XA404	08			16B	9			GND1003	01				EXT					
10084		XA403	08											GND					EXT					
10085		XA403	09			XA402	09			16B	9			MCY03DX	005				EXT					
10086		XA403	10			XA403	12			16B	9			GND900	01				EXT					
10087		XA403	11			XA402	11			16B	9			MCY04DX	005				EXT					
10088		XA403	12			XA404	12			16B	9			GND900	02				EXT					
10089		XA403	12											GND					EXT					
10090		XA403	13			XA402	13			16B	9			MCY05DX	005				EXT					
10091		XA403	14			XA404	14			16B	9			GND1004	01				EXT					
10092		XA403	14											GND					EXT					
10093		XA403	15			XA502	20			16B	9			MCY06DX	03				EXT					
10094		XA403	16			XA404	16			16B	9			GND1005	01				EXT					
10095		XA403	16											GND					EXT					
10096		XA403	17			XA502	09			16B	9			MCY07DX	03				EXT					
10097		XA403	18			XA404	18			16B	9			GND1006	01				EXT					
10098		XA403	18											GND					EXT					
10099		XA403	19			XA502	24			16B	9			MCY08DX	03				EXT					
10100		XA403	20			XA404	20			16B	9			GND1007	01				EXT					
10101		XA403	20											GND					EXT					
10102		XA403	21			XA502	25			16B	9			MCY09DX	03				EXT					
10103		XA403	22			XA404	22			16B	9			GND1008	01				EXT					
10104		XA403	22											GND	01				EXT					
10105		XA403	23			XA402	23			16B	9			MCY10DX	005				EXT					
10106		XA403	24			XA404	24			16B	9			GND1009	01				EXT					
10107		XA403	24											GND	01				EXT					
10108		XA403	25			XA402	25			16B	9			MCY11DX	005				EXT					
10109		XA403	26			XA404	26			16B	9			GND1010	01				EXT					
10110		XA403	26											GND	01				EXT					
10111		XA403	27			XA402	27			16B	9			MCY12DX	005				EXT					
10112		XA403	28			XA404	28			16B	9			GND1011	01				EXT					
10113		XA403	28											GND	01				EXT					
10114		XA403	29			XA402	29			16B	9			MCY13DX	005				EXT					
10115		XA403	30			XA404	30			16B	9			GND1012	01				EXT					
10116		XA403	30											GND	01				EXT					
10117		XA403	31			XA402	31			16B	9			MCY14DX	005				EXT					
10118		XA403	32			XA404	32			16B	9			GND1013	01				EXT					
10119		XA403	32											GND	01				EXT					
10120		XA403	33			XA402	33			16B	9			MCY15DX	005				EXT					
10121		XA403	34			XA404	34			16B	9			GND1014	01				EXT					
10122		XA403	34											GND	01				EXT					
CONNECTOR XA403) CONTINUED ON THE NEXT PAGE ****																								

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DRAWING NUMBER 149304-880 **UNIT ASSEMBLY NO.** 149304 **REV** G **INDEX** XA403

UNIT ASSEMBLY CARD CAGE WIRED, MCU **CONNECTOR** **FILE IDENT** T39AMCMU **DATE** 09-02-82 **PAGE** 333

RECORD NUMBER	FROM PREFIX	FROM CONNECTOR	FROM PIN	FROM SHIELD	TO PREFIX	TO CONNECTOR	TO PIN	TO SHIELD	WIRE MULTI GROUP	WIRE CODE	WIRE COLOR	WIRE IDENT	SPLICE/UNIT SHIELD	SIGNAL	SEQ NO	EQUATION	TERM FACTOR	CKT OR CHIP TYPE	GROUP	LOAD OR POWER PLANE	TEST POINTS AND ON	SIGNAL DESCRIPTION	ECO NO
10123		XA403	35			XA402	35			16B	9			MCY16DX	005			EXT					
10124		XA403	36			XA404	36			16B	9			GND1015	01			EXT					
10125		XA403	36											GND	01			EXT					
10126		XA403	37			XA402	37			16B	9			MCY17DX	005			EXT					
10127		XA403	38			XA404	38			16B	9			GND1016	01			EXT					
10128		XA403	38											GND	01			EXT					
10129		XA403	39			XA402	39			16B	9			MCY18DX	005			EXT					
10130		XA403	40			XA404	40			16B	9			GND1017	01			EXT					
10131		XA403	40											GND	01			EXT					
10132		XA403	41			XA402	41			16B	9			MCY19DX	005			EXT					
10133		XA403	42			XA404	42			16B	9			GND1018	01			EXT					
10134		XA403	42											GND	01			EXT					
10135		XA403	43			XA402	43			16B	9			MCY20DX	005			EXT					
10136		XA403	44			XA404	44			16B	9			GND1019	01			EXT					
10137		XA403	44											GND	01			EXT					
10138		XA403	45			XA402	45			16B	9			MCY21DX	005			EXT					
10139		XA403	46			XA404	46			16B	9			GND1020	01			EXT					
10140		XA403	46											GND	01			EXT					
10141		XA403	47			XA402	47			16B	9			MCY22DX	005			EXT					
10142		XA403	48			XA404	48			16B	9			GND1021	01			EXT					
10143		XA403	48											GND	01			EXT					
10144		XA403	49			XA402	49			16B	9			MCY23DX	005			EXT					
10145		XA403	50			XA404	50			16B	9			GND1022	01			EXT					
10146		XA403	50											GND	01			EXT					
10147		XA403	51			XA402	51			16B	9			MCY24DX	005			EXT					
10148		XA403	52			XA404	52			16B	9			GND1023	01			EXT					
10149		XA403	52											GND	01			EXT					
10150		XA403	53			XA402	53			16B	9			MCY25DX	005			EXT					
10151		XA403	54			XA404	54			16B	9			GND1024	01			EXT					
10152		XA403	54											GND	01			EXT					
10153		XA403	55			XA402	55			16B	9			MCY26DX	005			EXT					
10154		XA403	56			XA404	56			16B	9			GND1025	01			EXT					
10155		XA403	56											GND	01			EXT					
10156		XA403	57			XA402	57			16B	9			MCY27DX	005			EXT					
10157		XA403	58			XA404	58			16B	9			GND1026	01			EXT					
10158		XA403	58											GND	01			EXT					
10159		XA403	59			XA402	59			16B	9			MCY28DX	005			EXT					
10160		XA403	60			XA404	60			16B	9			GND1027	01			EXT					
10161		XA403	60											GND	01			EXT					
10162		XA403	61			XA402	61			16B	9			MCY29DX	005			EXT					
10163		XA403	62			XA404	62			16B	9			GND1028	01			EXT					
10164		XA403	62											GND	01			EXT					
10165		XA403	63			XA402	63			16B	9			MCY30DX	005			EXT					
10166		XA403	64			XA404	64			16B	9			GND1029	01			EXT					
10167		XA403	64											GND	01			EXT					
10168		XA403	65			XA402	65			16B	9			MCY31DX	005			EXT					
10169		XA403	66			XA404	66			16B	9			GND1030	01			EXT					
10170		XA403	66											GND	01			EXT					
10171		XA403	67			XA342	75			16B	9			MCYMIDX	03			EXT					
10172		XA403	68			XA404	68			16B	9			GND1035	01			EXT					

CONNECTOR (XA403) CONTINUED ON THE NEXT PAGE ****

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DRAWING NUMBER 149304-880 UNIT ASSEMBLY NO. 149304 REV G INDEX XA403

UNIT ASSEMBLY CARD CAGE WIRED, MCU CONNECTOR FILE IDENT T39AMCMU DATE 09-02-82 PAGE 334

RECORD NUMBER	FROM PREFIX	FROM CONNECTOR	FROM PIN	FROM SH FG	TO PREFIX	TO CONNECTOR	TO PIN	TO SH FG	WIRE MULTI GROUP	WIRE CODE	WIRE COLOR	WIRE IDENT	SPEC INST WIRE	SIGNAL	SEQ NO	EQUATION	TERM FACTOR	CKT OR CHIP TYPE	GRID	LOAD OF POWER PLANE	TEST POINTS GND	TEST POINTS DP	SIGNAL DESCRIPTION	ECO NO
10173		XA403	68											GND	01			EXT						
10174		XA403	69			XA402	69			16B	9			MCYACDX	005			EXT						
10175		XA403	70			XA404	70			16B	9			GND1031	01			EXT						
10176		XA403	70											GND	01			EXT						
10177		XA403	71			XA402	71			16B	9			MCYHCDX	005			EXT						
10178		XA403	72			XA404	72			16B	9			GND1033	01			EXT						
10179		XA403	72											GND	01			EXT						
10180		XA403	73			XA502	77			16B	9			MCYS1HX	03			EXT						
10181		XA403	74			XA402	74			16B	9			MCYS1GX	005			EXT						
10182		XA403	75			XA502	78			16B	9			MCYS2HX	03			EXT						
10183		XA403	76			XA402	76			16B	9			MCYS2GX	005			EXT						
10184		XA403	77			XA402	77			16B	9			MCYAPDX	005			EXT						
10185		XA403	78			XA404	78			16B	9			GND1032	01			EXT						
10186		XA403	78											GND	01			EXT						
10187		XA403	79			XA502	74			16B	9			MCYPFDX	03			EXT						
10188		XA403	80			XA404	80			16B	9			GND1034	01			EXT						
10189		XA403	80											GND	01			EXT						
10190		XA404	01			XA401	01			16B	9			MDY0PDX	005			EXT						
10191		XA404	02											GND1000	02			EXT						
10192		XA404	03			XA401	03			16B	9			MDY00DX	005			EXT						
10193		XA404	04											GND1001	02			EXT						
10194		XA404	05			XA401	05			16B	9			MDY01DX	005			EXT						
10195		XA404	06											GND1002	02			EXT						
10196		XA404	07			XA401	07			16B	9			MDY02DX	005			EXT						
10197		XA404	08											GND1003	02			EXT						
10198		XA404	09			XA401	09			16B	9			MDY03DX	005			EXT						
10199		XA404	10											GND900	04			EXT						
10200		XA404	11			XA401	11			16B	9			MDY04DX	005			EXT						
10201		XA404	12			XA404	10			16B	9			GND900	03			EXT						
10202		XA404	13			XA401	13			16B	9			MDY05DX	005			EXT						
10203		XA404	14											GND1004	02			EXT						
10204		XA404	15			XA405	20			16B	9			MDY06DX	03			EXT						
10205		XA404	16											GND1005	02			EXT						
10206		XA404	17			XA405	09			16B	9			MDY07DX	03			EXT						
10207		XA404	18											GND1006	02			EXT						
10208		XA404	19			XA405	24			16B	9			MDY08DX	03			EXT						
10209		XA404	20											GND1007	02			EXT						
10210		XA404	21			XA405	25			16B	9			MDY09DX	03			EXT						
10211		XA404	22											GND1008	02			EXT						
10212		XA404	23			XA401	23			16B	9			MDY10DX	005			EXT						
10213		XA404	24											GND1009	02			EXT						
10214		XA404	25			XA401	25			16B	9			MDY11DX	005			EXT						
10215		XA404	26											GND1010	02			EXT						
10216		XA404	27			XA401	27			16B	9			MDY12DX	005			EXT						
10217		XA404	28											GND1011	02			EXT						
10218		XA404	29			XA401	29			16B	9			MDY13DX	005			EXT						
10219		XA404	30											GND1012	02			EXT						
10220		XA404	31			XA401	31			16B	9			MDY14DX	005			EXT						
CONNECTOR XA404) CONTINUED ON THE NEXT PAGE ****																								

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UNIT ASSEMBLY CARD CAGE WIRED, MCU CONNECTOR FILE IDENT T39AMCMU DATE 09-02-82 PAGE 335

RECORD NUMBER	FROM PREFIX	FROM CONNECTOR	FROM PIN	FROM SHIELD	TO PREFIX	TO CONNECTOR	TO PIN	TO SHIELD	WIRE VOLT GROUP	WIRE CODE	WIRE COLOR	WIRE IDENT	SPECIAL INSTRUCTION	SIGNAL	SEQ NO	EQUATION	TERM	FACTOR	CKT OR CHIP TYPE	GROUP	LOAD OR POWER PLANE	TEST POINTS AND	TEST POINTS OR	SIGNAL DESCRIPTION	ECO NO
10221		XA404	32											GND1013	02				EXT						
10222		XA404	33			XA401	33			16B	9			MDY15DX	005				EXT						
10223		XA404	34											GND1014	02				EXT						
10224		XA404	35			XA401	35			16B	9			MDY16DX	005				EXT						
10225		XA404	36											GND1015	02				EXT						
10226		XA404	37			XA401	37			16B	9			MDY17DX	005				EXT						
10227		XA404	38											GND1016	02				EXT						
10228		XA404	39			XA401	39			16B	9			MDY18DX	005				EXT						
10229		XA404	40											GND1017	02				EXT						
10230		XA404	41			XA401	41			16B	9			MDY19DX	005				EXT						
10231		XA404	42											GND1018	02				EXT						
10232		XA404	43			XA401	43			16B	9			MDY20DX	005				EXT						
10233		XA404	44											GND1019	02				EXT						
10234		XA404	45			XA401	45			16B	9			MDY21DX	005				EXT						
10235		XA404	46											GND1020	02				EXT						
10236		XA404	47			XA401	47			16B	9			MDY22DX	005				EXT						
10237		XA404	48											GND1021	02				EXT						
10238		XA404	49			XA401	49			16B	9			MDY23DX	005				EXT						
10239		XA404	50											GND1022	02				EXT						
10240		XA404	51			XA401	51			16B	9			MDY24DX	005				EXT						
10241		XA404	52											GND1023	02				EXT						
10242		XA404	53			XA401	53			16B	9			MDY25DX	005				EXT						
10243		XA404	54											GND1024	02				EXT						
10244		XA404	55			XA401	55			16B	9			MDY26DX	005				EXT						
10245		XA404	56											GND1025	02				EXT						
10246		XA404	57			XA401	57			16B	9			MDY27DX	005				EXT						
10247		XA404	58											GND1026	02				EXT						
10248		XA404	59			XA401	59			16B	9			MDY28DX	005				EXT						
10249		XA404	60											GND1027	02				EXT						
10250		XA404	61			XA401	61			16B	9			MDY29DX	005				EXT						
10251		XA404	62											GND1028	02				EXT						
10252		XA404	63			XA401	63			16B	9			MDY30DX	005				EXT						
10253		XA404	64											GND1029	02				EXT						
10254		XA404	65			XA401	65			16B	9			MDY31DX	005				EXT						
10255		XA404	66											GND1030	02				EXT						
10256		XA404	67			XA342	76			16B	9			MDYM1DX	03				EXT						
10257		XA404	68											GND1035	02				EXT						
10258		XA404	69			XA401	69			16B	9			MDYACDX	005				EXT						
10259		XA404	70											GND1031	02				EXT						
10260		XA404	71			XA401	71			16B	9			MDYHCDX	005				EXT						
10261		XA404	72											GND1033	02				EXT						
10262		XA404	73			XA405	77			16B	9			MDYS1HX	03				EXT						
10263		XA404	74			XA401	74			16B	9			MDYS1GX	005				EXT						
10264		XA404	75			XA405	78			16B	9			MDYS2HX	03				EXT						
10265		XA404	76			XA401	76			16B	9			MDYS2GX	005				EXT						
10266		XA404	77			XA401	77			16B	9			MDYAPDX	003				EXT						
10267		XA404	78											GND1032	02				EXT						
10268		XA404	79			XA405	74			16B	9			MDYPEDX	03				EXT						
10269		XA404	80											GND1034	02				EXT						

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RECORD NUMBER	FROM PREFIX	FROM CONNECTOR	FROM PIN	FROM SH FG	TO PREFIX	TO CONNECTOR	TO PIN	TO SH FG	WIRE MULT GROUP	WIRE CODE	WIRE COLOR	WIRE IDENT	SPEC TEST MISC	SIGNAL	SEC NO	EQUATION	TERM	FACTOR	CAT OR CHIP TYPE	GROUP	QUAD OR POWER PLANE	TEST POINTS AND/OR	SIGNAL DESCRIPTION	ECO NO
10270		XA405	01											SPP										
10271		XA405	02											GND										
10272		XA405	03			XA405	04			16B	9			+5VPD	01									
10273		XA405	04			XA405	13			16B	9			+5VPD	02									
10274		XA405	05			XA404	01			16B	9			MDY0PDX	00C									
10275		XA405	06			XA404	03			16B	9			MDY00DX	00C									
10276		XA405	07			XA404	05			16B	9			MDY01DX	00C									
10277		XA405	08			XA404	07			16B	9			MDY02DX	00C									
10278		XA405	09											MDY07DX	04									
10279		XA405	10			XA404	09			16B	9			MDY03DX	00C									
10280		XA405	11											SPP								KEYWAY	G02	
10281		XA405	12											SPP								KEYWAY	G02	
10282		XA405	13			XA405	14			16B	9			+5VPD	03									
10283		XA405	14			XA405	21			16B	9			+5VPD	04									
10284		XA405	15											SPP										
10285		XA405	16											GND										
10286		XA405	17			XA404	11			16B	9			MDY04DX	00C									
10287		XA405	18			XA404	13			16B	9			MDY05DX	00C									
10288		XA405	19			XA404	27			16B	9			MDY12DX	00C									
10289		XA405	20											MDY06DX	04									
10290		XA405	21			XA405	22			16B	9			+5VPD	05									
10291		XA405	22			XA405	33			16B	9			+5VPD	06									
10292		XA405	23											SPP										
10293		XA405	24											MDY08DX	04									
10294		XA405	25											MDY09DX	04									
10295		XA405	26			XA404	23			16B	9			MDY10DX	00C									
10296		XA405	27											SPP								KEYWAY	G02	
10297		XA405	28											SPP								KEYWAY	G02	
10298		XA405	29			XA404	45			16B	9			MDY21DX	00C									
10299		XA405	30			XA404	25			16B	9			MDY11DX	00C									
10300		XA405	31											SPP										
10301		XA405	32											GND										
10302		XA405	32			XA301	64		VE	23D	0			+5VPDR	01									
10303		XA405	33			XA405	34			16B	9			+5VPD	07									
10304		XA405	33			XA301	63		VE	23D	2			+5VPD	13									
10305		XA405	34			XA405	49			16B	9			+5VPD	08									
10306		XA405	35											SPP										
10307		XA405	36			XA404	29			16B	9			MDY13DX	00C									
10308		XA405	37			XA404	31			16B	9			MDY14DX	00C									
10309		XA405	38			XA404	33			16B	9			MDY15DX	00C									
10310		XA405	39											SPP	01									
10311		XA405	40			XA404	35			16B	9			MDY16DX	00C									
10312		XA405	41			XA404	37			16B	9			MDY17DX	00C									
10313		XA405	42			XA404	39			16B	9			MDY18DX	00C									
10314		XA405	43											SPP										
10315		XA405	44											GND										
10316		XA405	45			XA404	41			16B	9			MDY19DX	00C									
10317		XA405	46			XA404	43			16B	9			MDY20DX	00C									
10318		XA405	47											SPP										
10319		XA405	48			XA404	47			16B	9			MDY22DX	00C									
CONNECTOR XA405) CONTINUED ON THE NEXT PAGE ****																								

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DRAWING NUMBER 149304-880 UNIT ASSEMBLY NO. 149304 REV G INDEX XA405

UNIT ASSEMBLY CARD CAGE WIRED, MCU CONNECTOR FILE IDENT T39AMCMU DATE 09-02-82 PAGE 337

RECORD NUMBER	FROM PREFIX	FROM CONNECTOR	FROM PIN	FROM SH FG	TO PREFIX	TO CONNECTOR	TO PIN	TO SH FG	WIRE MULTI GROUP	WIRE CODE	WIRE COLOR	WIRE IDENT	SPL INST MISC	SIGNAL	SEQ NO	EQUATION	TERM FACTOR	CKT OR CHIP TYPE	GROUP	LOAD OR POWER PLANE	TEST POINTS AND OR	SIGNAL DESCRIPTION	ECO NO
10320		XA405	49			XA405	50			16B	9			+5VPD	09								
10321		XA405	50			XA405	59			16B	9			+5VPD	10								
10322		XA405	51			XA404	49			16B	9			MDY23DX	00C								
10323		XA405	52			XA404	51			16B	9			MDY24DX	00C								
10324		XA405	53			XA404	53			16B	9			MDY25DX	00C								
10325		XA405	54			XA404	55			16B	9			MDY26DX	00C								
10326		XA405	55			XA404	57			16B	9			MDY27DX	00C								
10327		XA405	56			XA404	59			16B	9			MDY28DX	00C								
10328		XA405	57											GND057	03								
10329		XA405	58											GND									
10330		XA405	58			XA405	57			16B	9			GND057	02								
10331		XA405	59			XA405	60			16B	9			+5VPD	11								
10332		XA405	60			XA405	69			16B	9			+5VPD	12								
10333		XA405	61			XA404	61			16B	9			MDY29DX	00C								
10334		XA405	62			XA404	63			16B	9			MDY30DX	00C								
10335		XA405	63			XA404	65			16B	9			MDY31DX	00C								
10336		XA405	64											SPP									
10337		XA405	65			XA404	69			16B	9			MDYACDX	00C								
10338		XA405	66			XA404	71			16B	9			MDYHCDX	00C								
10339		XA405	67											GND									
10340		XA405	68											SPP									
10341		XA405	69			XA405	70			16B	9			+5VPD	12C								
10342		XA405	70			XA342	80			16B	9			+5VPD	12L								
10343		XA405	71											SPP									
10344		XA405	72			XA404	77			16B	9			MDYAPDX	00C								
10345		XA405	73											SPP									
10346		XA405	74											MDYPFDX	04								
10347		XA405	75											SPP									
10348		XA405	76											SPP									
10349		XA405	77											MDYS1HX	04								
10350		XA405	78											MDYS2HX	04								
10351		XA405	79			XA404	76			16B	9			MDYS2GX	00C								
10352		XA405	80			XA404	74			16B	9			MDYS1GX	00C								
10353		XA406	01											SPP	01			VSE					
10354		XA406	02											GND	01			VSE					
10355		XA406	03											SPP	01			VSE					
10356		XA406	04											SPP	01			VSE					
10357		XA406	05											SPP	01			VSE					
10358		XA406	06											SPP	01			VSE					
10359		XA406	07											SPP	01			VSE					
10360		XA406	08											SPP	01			VSE					
10361		XA406	09										K	VARDCD4	04			VSE	VR				
10362		XA406	09										K	VARDCD4	06			VSE	VR				
10363		XA406	10										K	VARDCD4	02			VSE	VR				
10364		XA406	11											SPP	01			VSE					
10365		XA406	12											+5V	01			VSE					
10366		XA406	13											SPP	01			VSE					
10367		XA406	14											SPP	01			VSE					

CONNECTOR XA406 CONTINUED ON THE NEXT PAGE ****

Litton DATA SYSTEMS

DRAWING NUMBER 149304-880 UNIT ASSEMBLY NO. 149304 REV G INDEX XA406

UNIT ASSEMBLY CARD CAGE WIRED, MCU CONNECTOR FILE IDENT T39AMCMU DATE 09-02-82 PAGE 338

RECORD NUMBER	FROM PREFIX	FROM CONNECTOR	FROM PIN	FROM SH FG	TO PREFIX	TO CONNECTOR	TO PIN	TO SH FG	WIRE MULTI GROUP	WIRE CODE	WIRE COLOR	WIRE IDENT	SPL INST PAGE	SIGNAL	SEQ NO	EQUATION	TERM	FACTOR	CKT OR CHIP TYPE	GRID	LOAD OF POWER PLANE	TEST POINTS END	TEST POINTS DP	SIGNAL DESCRIPTION	ECO NO
10368		XA406	15											SPP	01				VSE						
10369		XA406	16											GND	01				VSE						
10370		XA406	17			XA408	17			16B	9			MCSD02	05				VSE	N1					
10371		XA406	18											SPP	01				VSE						
10372		XA406	19											SPP	01				VSE						
10373		XA406	20											SPP	01				VSE						
10374		XA406	21			XA410	01			16B	9			MCSD03	01				VSE	N2				BIT 03 VOLT SOURCE	
10375		XA406	22											SPP	01				VSE						
10376		XA406	23											SPP	01				VSE						
10377		XA406	24											SPP	01				VSE						
10378		XA406	25											SPP	01				VSE					KEYWAY	
10379		XA406	26											SPP	01				VSE					KEYWAY	
10380		XA406	27											SPP	01				VSE						
10381		XA406	28											+5V	01				VSE						
10382		XA406	29											MCSD12	09				VSE	N3					
10383		XA406	30											SPP	01				VSE						
10384		XA406	31											SPP	01				VSE						
10385		XA406	32											GND	01				VSE						
10386		XA406	33											SPP	01				VSE						
10387		XA406	34											SPP	01				VSE						
10388		XA406	35											SPP	01				VSE						
10389		XA406	36											SPP	01				VSE						
10390		XA406	37											SPP	01				VSE						
10391		XA406	38											SPP	01				VSE						
10392		XA406	39			XA415	50			16B	9			MCSD13	01				VSE	N4				BIT 13 VOLT SOURCE	
10393		XA406	40											SPP	01				VSE						
10394		XA406	41											SPP	01				VSE						
10395		XA406	42											SPP	01				VSE						
10396		XA406	43											SPP	01				VSE						
10397		XA406	44											GND	01				VSE						
10398		XA406	45											SPP	01				VSE						
10399		XA406	46											SPP	01				VSE						
10400		XA406	47			XA408	63			16B	9			MCSD19	01				VSE	N5				BIT 19 VOLT SOURCE	
10401		XA406	48											SPP	01				VSE						
10402		XA406	49											SPP	01				VSE						
10403		XA406	50											SPP	01				VSE						
10404		XA406	51											SPP	01				VSE					KEYWAY	
10405		XA406	52											SPP	01				VSE					KEYWAY	
10406		XA406	53											SPP	01				VSE						
10407		XA406	54											SPP	01				VSE						
10408		XA406	55			XA511	63			16B	9			MCSD17	06				VSE	N6					
10409		XA406	56											SPP	01				VSE						
10410		XA406	57											SPP	01				VSE						
10411		XA406	58											GND	01				VSE						
10412		XA406	59											SPP	01				VSE						
10413		XA406	60											SPP	01				VSE						
10414		XA406	61											SPP	01				VSE						
10415		XA406	62											SPP	01				VSE						
10416		XA406	63											SPP	01				VSE	N7					
10417		XA406	64											SPP	01				VSE						

CONNECTOR XA406) CONTINUED ON THE NEXT PAGE ****

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RECORD NUMBER	FROM PREFIX	FROM CONNECTOR	FROM PIN	SH FO	TO PREFIX	TO CONNECTOR	TO PIN	SH FO	* RE MULTI GROUP	* RE CODE	* RE COLUM	* RE DENT	SPECIAL PURPOSE	SIGNAL	ECG NO	EQUATION	TERM FACTOR	CAT OR CHIP TYPE	GRP	LOAD OR POWER PLANE	TEST POINTS AND	TEST POINTS OR	SIGNAL DESCRIPTION	ECO NO
10418		XA406	65											SPP	01			VSE						
10419		XA406	66											SPP	01			VSE						
10420		XA406	67											GND	01			VSE						
10421		XA406	68											SPP	01			VSE						
10422		XA406	69											SPP	01			VSE						
10423		XA406	70											SPP	01			VSE						
10424		XA406	71											SPP	01			VSE						
10425		XA406	72											SPP	01			VSE						
10426		XA406	73											SPP	01			VSE						
10427		XA406	74											SPP	01			VSE						
10428		XA406	75											SPP	01			VSE						
10429		XA406	76											SPP	01			VSE						
10430		XA406	77											SPP	01			VSE						
10431		XA406	78											SPP	01			VSE						
10432		XA406	79											SPP	01			VSE						
10433		XA406	80											SPP	01			VSE						
10434		XA407	01											SPP										
10435		XA407	02											GND										
10436		XA407	03											SPP										
10437		XA407	04											SPP										
10438		XA407	05											SPP										
10439		XA407	06											SPP										
10440		XA407	07											SPP										
10441		XA407	08											SPP										
10442		XA407	09											SPP										
10443		XA407	10											SPP										
10444		XA407	11											SPP										
10445		XA407	12											+5V										
10446		XA407	13											SPP										
10447		XA407	14											SPP										
10448		XA407	15											SPP										
10449		XA407	16											GND										
10450		XA407	17											SPP										
10451		XA407	18											SPP										
10452		XA407	19											SPP										
10453		XA407	20											SPP										
10454		XA407	21											SPP										
10455		XA407	22											SPP										
10456		XA407	23											SPP										
10457		XA407	24											SPP										
10458		XA407	25											SPP										
10459		XA407	26											SPP										
10460		XA407	27											SPP										
10461		XA407	28											+5V										
10462		XA407	29											SPP										
10463		XA407	30											SPP										
10464		XA407	31											SPP										
10465		XA407	32											GND										
CONNECTOR XA407) CONTINUED ON THE NEXT PAGE ****																								

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Litton DATA SYSTEMS

DRAWING NUMBER 149304-880 UNIT ASSEMBLY NO. 149304 REV G INDEX XA407

UNIT ASSEMBLY CARD CAGE WIRED, MCU CONNECTOR FILE IDENT T39AMCMU DATE 09-02-82 PAGE 340

RECORD NUMBER	FROM			SH FG	TO			SH FG	WIRE				SPC INST MISC	SIGNAL	SEC NO	EQUATION	TERM	FACTOR	CKT OR CHIP TYPE	GROUP	LOAD OR POWER PLANE	TEST POINTS AND	TEST POINTS OR	SIGNAL DESCRIPTION	ECO NO
	PREFIX	CONNECTOR	PIN		PREFIX	CONNECTOR	PIN		MULTI GROUP	CODE	COLOR	IDENT													
10466		XA407	33											SPP											
10467		XA407	34											SPP											
10468		XA407	35											SPP											
10469		XA407	36											SPP											
10470		XA407	37											SPP											
10471		XA407	38											SPP											
10472		XA407	39											SPP											
10473		XA407	40											SPP											
10474		XA407	41											SPP											
10475		XA407	42											SPP											
10476		XA407	43											SPP											
10477		XA407	44											GND											
10478		XA407	45											SPP											
10479		XA407	46											SPP											
10480		XA407	47											SPP											
10481		XA407	48											SPP											
10482		XA407	49											SPP											
10483		XA407	50											SPP											
10484		XA407	51											SPP											
10485		XA407	52											SPP											
10486		XA407	53											SPP											
10487		XA407	54											SPP											
10488		XA407	55											SPP											
10489		XA407	56											SPP											
10490		XA407	57											SPP											
10491		XA407	58											GND											
10492		XA407	59											SPP											
10493		XA407	60											SPP											
10494		XA407	61											SPP											
10495		XA407	62											SPP											
10496		XA407	63											SPP											
10497		XA407	64											SPP											
10498		XA407	65											SPP											
10499		XA407	66											SPP											
10500		XA407	67											GND											
10501		XA407	68											SPP											
10502		XA407	69											SPP											
10503		XA407	70											SPP											
10504		XA407	71											SPP											
10505		XA407	72											SPP											
10506		XA407	73											SPP											
10507		XA407	74											SPP											
10508		XA407	75											SPP											
10509		XA407	76											SPP											
10510		XA407	77											SPP											
10511		XA407	78											SPP											
10512		XA407	79											SPP											
10513		XA407	80											SPP											

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Litton DATA SYSTEMS

DRAWING NUMBER 149304-880 UNIT ASSEMBLY NO. 149304 REV G INDEX XA408

UNIT ASSEMBLY CARD CAGE WIRED, MCU CONNECTOR FILE IDENT T39AMCMU DATE 09-02-82 PAGE 341

RECORD NUMBER	FROM PREFIX	FROM CONNECTOR	FROM PIN	FROM SH FG	TO PREFIX	TO CONNECTOR	TO PIN	TO SH FG	WIRE MULTI GROUP	WIRE CODE	WIRE COLOR	WIRE IDENT	SPEC INST MISC	SIGNAL	SEQ NO	EQUATION	TERM	FACTOR	CKT OR CHIP TYPE	GROUP	LOAD OR POWER PLANE	TEST POINTS AND	TEST POINTS OR	SIGNAL DESCRIPTION	ECO NO
10514		XA408	01											MCSDO2	09				SWT	Z1					
10515		XA408	02											GND	01				SWT						
10516		XA408	03			XA409	68			16B	9			MDB0CB	08				SWT	Z1					
10517		XA408	04			XA410	04			16B	9			MDB1CB	22				SWT	Z1					
10518		XA408	05											SF?	01				SWT	Z1					
10519		XA408	06			XA409	06			16B	9			MDW02A	03				SWT	Z1					
10520		XA408	07			XA409	03			16B	9			MDB2CB	02				SWT	Z1					
10521		XA408	08			XA408	39			16B	9			MDRIDB	13				SWT	Z1					
10522		XA408	09											02YSS0	02				SWT	Z1					
10523		XA408	10			XA409	04			16B	9			MDB3CB	27				SWT	Z1					
10524		XA408	11											02YSS1	02				SWT	Z1					
10525		XA408	12											+5V	01				SWT						
10526		XA408	13											02YCA0	02				SWT	Z2					
10527		XA408	14			XA409	14			1BD	2			+12VOLT	059				SWT						
10528		XA408	14			XA408	47			1BD	2			+12VOLT	129				SWT						
10529		XA408	15											02YSS2	02				SWT	Z1					
10530		XA408	16											GND	01				SWT						
10531		XA408	17			XA409	17			16B	9			MCSDO2	06				SWT	Z2					
10532		XA408	18											02YCA1	02				SWT	Z2					
10533		XA408	19											MDA0CB	28				SWT	Z2					
10534		XA408	20											MDA1CB	28				SWT	Z2					
10535		XA408	21											02YSS3	02				SWT	Z1					
10536		XA408	22			XA409	60			16B	9			MDA3CB	04				SWT	Z2					
10537		XA408	23			XA409	23			16B	9			MDR02A	03				SWT	Z2					
10538		XA408	24											02YCC3	02				SWT	Z2					
10539		XA408	25			XA409	25			16B	9			MDWIDB	21				SWT	Z2					
10540		XA408	26											SPP	01				SWT	Z2					
10541		XA408	27			XA410	27			16B	9			MDA2CB	01				SWT	Z2					
10542		XA408	28											+5V	01				SWT						
10543		XA408	29											SPP	01				SWT					KEYWAY	
10544		XA408	30											SPP	01				SWT					KEYWAY	
10545		XA408	31											02YCC2	02				SWT	Z2					
10546		XA408	32											GND	01				SWT						
10547		XA408	33			XA406	17			16B	9			MCSDO2	04				SWT	Z3					
10548		XA408	34			XA409	36			16B	9			MDB5CB	01				SWT	Z3					
10549		XA408	35			XA410	35			16B	9			MDB4CB	25				SWT	Z3					
10550		XA408	36											MDB7CB	28				SWT	Z3					
10551		XA408	37			XA409	37			16B	9			MDW02A	01				SWT	Z3					
10552		XA408	38											SPP	01				SWT	Z3					
10553		XA408	39			XA409	39			16B	9			MDRIDB	14				SWT	Z3					
10554		XA408	40											02YSS5	02				SWT	Z3					
10555		XA408	41											SPP	01				SWT					KEYWAY	
10556		XA408	42											SPP	01				SWT					KEYWAY	
10557		XA408	43			XA410	43			16B	9			MDB6CB	05				SWT	Z3					
10558		XA408	44											GND	01				SWT						
10559		XA408	45			XA409	51			16B	9			02YSS4	01				SWT	Z3					
10560		XA408	46											SPP	01				SWT						
10561		XA408	47			XA505	14			1BD	2			+12VOLT	082				SWT						
10562		XA408	47										K	+12VOLT	130				SWT						
10563		XA408	48											SPP	01				SWT						

CONNECTOR XA408) CONTINUED ON THE NEXT PAGE ****

RECORD NUMBER	FROM PREFIX	FROM CONNECTOR	FROM PIN	FROM SH FG	TO PREFIX	TO CONNECTOR	TO PIN	TO SH FG	WIRE MULTI GROUP	WIRE CODE	WIRE COLOR	WIRE IDENT	SPC INST MISC	SIGNAL	SEQ NO	EQUATION	TERM FACTOR	CKT OR CHIP TYPE	GROUP	LOAD OR POWER PLANE	TEST POINTS GND	TEST POINTS JP	SIGNAL DESCRIPTION	ECO NO
10564		XA408	49											02YCA6	02			SWT	Z4					
10565		XA408	50			XA409	33			16B	9			MCSD02	02			SWT	Z4					
10566		XA408	51			XA409	45			16B	9			02YSS6	01			SWT	Z3					
10567		XA408	52											02YCA7	02			SWT	Z4					
10568		XA408	53											02YSS7	02			SWT	Z3					
10569		XA408	54			XA410	54			16B	9			MDA6CB	21			SWT	Z4					
10570		XA408	55			XA408	25			16B	9			MDWIDB	20			SWT	Z4					
10571		XA408	56			XA408	23			16B	9			MDR02A	02			SWT	Z4					
10572		XA408	57			XA409	19			16B	9			MDA4CB	24			SWT	Z4					
10573		XA408	58											GND	01			SWT						
10574		XA408	59											SPP	01			SWT	Z4					
10575		XA408	60			XA410	60			16B	9			MDA7CB	05			SWT	Z4					
10576		XA408	61											02YCC4	02			SWT	Z4					
10577		XA408	62			XA410	62			16B	9			MDA5CB	16			SWT	Z4					
10578		XA408	63			XA409	63			16B	9			MCSD19	02			SWT	Z5					
10579		XA408	64											02YCC5	02			SWT	Z4					
10580		XA408	65			XA410	70			16B	9			19YSS1	01			SWT						
10581		XA408	66											19YCA1	02			SWT	Z5					
10582		XA408	67											GND	01			SWT						
10583		XA408	68			XA409	57			16B	9			MDA0CB	20			SWT	Z5					
10584		XA408	69											19YCA0	02			SWT	Z5					
10585		XA408	70			XA410	65			16B	9			19YSS3	01			SWT						
10586		XA408	71			XA410	71			16B	9			MDR19A	01			SWT	Z5					
10587		XA408	72			XA409	62			16B	9			MDA1CB	19			SWT	Z5					
10588		XA408	73			XA409	66			16B	9			19YC01	01			SWT					BIT 19 SQ DIODE 1	
10589		XA408	74											SPP	01			SWT	Z5					
10590		XA408	75			XA505	27			16B	9			MDA2CB	10			SWT	Z5					
10591		XA408	76			XA410	76			16B	9			MDWIDB	09			SWT	Z5					
10592		XA408	77											19YCC2	02			SWT	Z5					
10593		XA408	78			XA503	22			16B	9			MDA3CB	11			SWT	Z5					
10594		XA408	79			XA409	80			16B	9			19YCI3	01			SWT					BIT 19 SI DIODE 3	
10595		XA408	80											19YCC3	02			SWT	Z5					
10596		XA409	01			XA408	01			16B	9			MCSD02	08			SWT	Z1					
10597		XA409	02											GND	01			SWT						
10598		XA409	03			XA410	07			16B	9			MDB2CB	03			SWT	Z1					
10599		XA409	04											MDB3CB	28			SWT	Z1					
10600		XA409	05											SPP	01			SWT	Z1					
10601		XA409	06			XA217	15			16B	9			MDW02A	04			SWT	Z1					
10602		XA409	07			XA408	03			16B	9			MDB0CB	07			SWT	Z1					
10603		XA409	08			XA408	08			16B	9			MDR1DB	12			SWT	Z1					
10604		XA409	09			XA408	15			16B	9			02YSS2	01			SWT	Z1					
10605		XA409	10			XA408	04			16B	9			MDB1CB	21			SWT	Z1					
10606		XA409	11			XA408	21			16B	9			02YSS3	01			SWT	Z1					
10607		XA409	12											+5V	01			SWT						
10608		XA409	13											02YCA4	02			SWT	Z2					
10609		XA409	14			XA410	14			18D	2			+12VOLT	060			SWT						
10610		XA409	15			XA408	09			16B	9			02YSS0	01			SWT	Z1					
10611		XA409	16											GND	01			SWT						
CONNECTOR IXA409) CONTINUED ON THE NEXT PAGE ****																								

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DRAWING NUMBER 149304-880 UNIT ASSEMBLY NO. 149304 REV G INDEX XA409

UNIT ASSEMBLY CARD CAGE WIRED, MCU CONNECTOR FILE IDENT T39AMCMU DATE 09-02-82 PAGE 343

RECORD NUMBER	FROM PREFIX	FROM CONNECTOR	FROM PIN	FROM SH TO	TO PREFIX	TO CONNECTOR	TO PIN	TO SH TO	WIRE MULTI GROUP	WIRE CODE	WIRE COLOR	WIRE IDENT	SPEC INST NO	SIGNAL	SEQ NO	EQUATION	TERM	FACTOR	CKT OR CHIP TYPE	GROUP	LOAD OR POWER PLANE	TEST POINTS AND	TEST POINTS OR	SIGNAL DESCRIPTION	ECO NO
10612		XA409	17			XA409	01			16B	9			MCSD02	07				SWT	Z2					
10613		XA409	18											02YCA5	02				SWT	Z2					
10614		XA409	19			XA411	19			16B	9			MDA4CB	25				SWT	Z2					
10615		XA409	20											MDA5CB	27				SWT	Z2					
10616		XA409	21			XA408	11			16B	9			02YSS1	01				SWT	Z1					
10617		XA409	22			XA408	60			16B	9			MDA7CB	04				SWT	Z2					
10618		XA409	23			XA218	15			16B	9			MDR02A	04				SWT	Z2					
10619		XA409	24											02YCC7	02				SWT	Z2					
10620		XA409	25			XA410	25			16B	9			MDWIDB	22				SWT	Z2					
10621		XA409	26											SPP	01				SWT	Z2					
10622		XA409	27											MDA6CB	28				SWT	Z2					
10623		XA409	28											+5V	01				SWT						
10624		XA409	29											SPP	01				SWT				KEYWAY		
10625		XA409	30											SPP	01				SWT				KEYWAY		
10626		XA409	31											02YCC6	02				SWT	Z2					
10627		XA409	32											GND	01				SWT						
10628		XA409	33			XA408	33			16B	9			MCSD02	03				SWT	Z3					
10629		XA409	34			XA408	36			16B	9			MDB7CB	27				SWT	Z3					
10630		XA409	35			XA408	43			16B	9			MDB6CB	04				SWT	Z3					
10631		XA409	36			XA410	34			16B	9			MDB5CB	02				SWT	Z3					
10632		XA409	37			XA408	06			16B	9			MDW02A	02				SWT	Z3					
10633		XA409	38											SPP	01				SWT	Z3					
10634		XA409	39			XA410	39			16B	9			MDRIDB	15				SWT	Z3					
10635		XA409	40			XA408	53			16B	9			02YSS7	01				SWT	Z3					
10636		XA409	41											SPP	01				SWT				KEYWAY		
10637		XA409	42											SPP	01				SWT				KEYWAY		
10638		XA409	43			XA408	35			16B	9			MDB4CB	24				SWT	Z3					
10639		XA409	44											GND	01				SWT						
10640		XA409	45											02YSS6	02				SWT	Z3					
10641		XA409	46											SPP	01				SWT						
10642		XA409	47			XA408	47			1BD	2			+12VOLT	081				SWT						
10643		XA409	48											SPP	01				SWT						
10644		XA409	49											02YCA2	02				SWT	Z4					
10645		XA409	50			XA408	50			16B	9			MCSD02	01				SWT	Z4			BIT 02 VOLT SOURCE		
10646		XA409	51											02YSS4	02				SWT	Z3					
10647		XA409	52											02YCA3	02				SWT	Z4					
10648		XA409	53			XA408	40			16B	9			02YSS5	01				SWT	Z3					
10649		XA409	54			XA410	68			16B	9			MDA2CB	08				SWT	Z4					
10650		XA409	55			XA408	55			16B	9			MDWIDB	19				SWT	Z4					
10651		XA409	56			XA408	56			16B	9			MDR02A	01				SWT	Z4					
10652		XA409	57			XA411	57			16B	9			MDA0CB	21				SWT	Z4					
10653		XA409	58											GND	01				SWT						
10654		XA409	59											SPP	01				SWT	Z4					
10655		XA409	60			XA411	60			16B	9			MDA3CB	05				SWT	Z4					
10656		XA409	61											02YCC0	02				SWT	Z4					
10657		XA409	62			XA411	62			16B	9			MDA1CB	20				SWT	Z4					
10658		XA409	63			XA410	63			16B	9			MCSD19	03				SWT	Z5					
10659		XA409	64											02YCC1	02				SWT	Z4					
10660		XA409	65											19YSS0	02				SWT						
10661		XA409	66											19YC01	02				SWT	Z5					
CONNECTOR XA409) CONTINUED ON THE NEXT PAGE ****																									

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DRAWING NUMBER 149304-880 UNIT ASSEMBLY NO. 149304 REV G INDEX XA409

UNIT ASSEMBLY CARD CAGE WIRED, MCU CONNECTOR FILE IDENT T39AMCMU DATE 09-02-82 PAGE 344

RECORD NUMBER	FROM PREFIX	FROM CONNECTOR	FROM PIN	FROM SH FG	TO PREFIX	TO CONNECTOR	TO PIN	TO SH FG	WIRE MULTI GROUP	WIRE CODE	WIRE COLOR	WIRE IDENT	SPC INST MISC	SIGNAL	SEC NO	EQUATION	TERM	FACTOR	CKT OR CHIP TYPE	GROUP	LOAD OR POWER PLANE	TEST POINTS ANG	TEST POINTS OR	SIGNAL DESCRIPTION	ECO NO
10662		XA409	67											GND	01				SWT						
10663		XA409	68			XA411	75			16B	9			MDB0CB	09				SWT	Z5					
10664		XA409	69			XA409	73			16B	9			19YC00	01				SWT	Z5				BIT 19 SQ DIODE 0	
10665		XA409	70											19YSS2	02				SWT						
10666		XA409	71			XA411	71			16B	9			MDW19A	01				SWT	Z5					
10667		XA409	72			XA409	10			16B	9			MDB1CB	20				SWT	Z5					
10668		XA409	73											19YC00	02				SWT						
10669		XA409	74											SPP	01				SWT	Z5					
10670		XA409	75			XA507	07			16B	9			MDB2CB	11				SWT	Z5					
10671		XA409	76			XA506	08			16B	9			MDRIDB	25				SWT	Z5					
10672		XA409	77											19YCI2	02				SWT	Z5					
10673		XA409	78			XA411	72			16B	9			MDB3CB	19				SWT	Z5					
10674		XA409	79			XA409	77			16B	9			19YCI2	01				SWT					BIT 19 SI DIODE 2	
10675		XA409	80											19YCI3	02				SWT	Z5					
10676		XA410	01			XA411	01			16B	9			MCSD03	02				SWT	Z1					
10677		XA410	02											GND	01				SWT						
10678		XA410	03			XA409	07			16B	9			MDB0CB	06				SWT	Z1					
10679		XA410	04			XA412	04			16B	9			MDB1CB	23				SWT	Z1					
10680		XA410	05											SPP	01				SWT	Z1					
10681		XA410	06			XA411	37			16B	9			MDW03A	03				SWT	Z1					
10682		XA410	07			XA411	03			16B	9			MDB2CB	04				SWT	Z1					
10683		XA410	08			XA409	08			16B	9			MDRIDB	11				SWT	Z1					
10684		XA410	09											03YSS0	02				SWT	Z1					
10685		XA410	10			XA408	10			16B	9			MDB3CB	26				SWT	Z1					
10686		XA410	11											03YSS1	02				SWT	Z1					
10687		XA410	12											+5V	01				SWT						
10688		XA410	13											03YCA0	02				SWT	Z2					
10689		XA410	14			XA411	14			18D	2			+12VOLT	061				SWT						
10690		XA410	15											03YSS2	02				SWT	Z1					
10691		XA410	16											GND	01				SWT						
10692		XA410	17			XA410	33			16B	9			MCSD03	05				SWT	Z2					
10693		XA410	18											03YCA1	02				SWT	Z2					
10694		XA410	19			XA408	19			16B	9			MDA0CB	27				SWT	Z2					
10695		XA410	20			XA412	20			16B	9			MDA1CB	25				SWT	Z2					
10696		XA410	21			XA411	11			16B	9			03YSS3	01				SWT	Z1					
10697		XA410	22			XA408	22			16B	9			MDA3CB	03				SWT	Z2					
10698		XA410	23			XA411	23			16B	9			MDR03A	03				SWT	Z2					
10699		XA410	24											03YCC3	02				SWT	Z2					
10700		XA410	25			XA411	25			16B	9			MDWIDB	23				SWT	Z2					
10701		XA410	26											SPP	01				SWT	Z2					
10702		XA410	27			XA412	27			16B	9			MDA2CB	02				SWT	Z2					
10703		XA410	28											+5V	01				SWT						
10704		XA410	29											SPP	01				SWT					KEYWAY	
10705		XA410	30											SPP	01				SWT					KEYWAY	
10706		XA410	31											03YCC2	02				SWT	Z2					
10707		XA410	32											GND	01				SWT						
10708		XA410	33			XA411	33			16B	9			MCSD03	06				SWT	Z3					
10709		XA410	34			XA411	36			16B	9			MDB5CB	03				SWT	Z3					
CONNECTOR XA410) CONTINUED ON THE NEXT PAGE ****																									

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DRAWING NUMBER 149304-880 UNIT ASSEMBLY NO. 149304 REV G INDEX XA410

UNIT ASSEMBLY CARD CAGE WIRED, MCU CONNECTOR FILE IDENT T39AMCMU DATE 09-02-82 PAGE 345

RECORD NUMBER	FROM PREFIX	FROM CONNECTOR	FROM PIN	FROM SH FG	TO PREFIX	TO CONNECTOR	TO PIN	TO SH FG	WIRE MULTI GROUP	WIRE CODE	WIRE COLOR	WIRE IDENT	SPC INST MISC	SIGNAL	SEQ NO	EQUATION	TERM	FACTOR	CKT OR CHIP TYPE	GROUP	LOAD OR POWER PLANE	TEST POINTS AND	TEST POINTS OR	SIGNAL DESCRIPTION	ECO NO
10710		XA410	35			XA412	35			16B	9			MDB4CB	26				SWT	Z3					
10711		XA410	36			XA409	34			16B	9			MDB7CB	26				SWT	Z3					
10712		XA410	37											MDW03A	05				SWT	Z3					
10713		XA410	38											SPP	01				SWT	Z3					
10714		XA410	39			XA411	39			16B	9			MDRIDB	16				SWT	Z3					
10715		XA410	40			XA411	53			16B	9			03YSS5	01				SWT	Z3					
10716		XA410	41											SPP	01				SWT					KEYWAY	
10717		XA410	42											SPP	01				SWT					KEYWAY	
10718		XA410	43			XA412	43			16B	9			MDB6CB	06				SWT	Z3					
10719		XA410	44											GND	01				SWT						
10720		XA410	45			XA411	51			16B	9			03YSS4	01				SWT	Z3					
10721		XA410	46											SPP	01				SWT						
10722		XA410	47			XA409	47			18D	2			+12VOLT	080				SWT						
10723		XA410	48											SPP	01				SWT						
10724		XA410	49											03YCA6	02				SWT	Z4					
10725		XA410	50			XA411	50			16B	9			MCSD03	08				SWT	Z4					
10726		XA410	51			XA411	45			16B	9			03YSS6	01				SWT	Z3					
10727		XA410	52											03YCA7	02				SWT	Z4					
10728		XA410	53			XA411	40			16B	9			03YSS7	01				SWT	Z3					
10729		XA410	54			XA412	54			16B	9			MDA6CB	22				SWT	Z4					
10730		XA410	55			XA409	55			16B	9			MDWIDB	18				SWT	Z4					
10731		XA410	56			XA410	23			16B	9			MDR03A	02				SWT	Z4					
10732		XA410	57			XA408	57			16B	9			MDA4CB	23				SWT	Z4					
10733		XA410	58											GND	01				SWT						
10734		XA410	59											SPP	01				SWT	Z4					
10735		XA410	60			XA412	60			16B	9			MDA7CB	06				SWT	Z4					
10736		XA410	61											03YCC4	02				SWT	Z4					
10737		XA410	62			XA412	62			16B	9			MDA5CB	17				SWT	Z4					
10738		XA410	63			XA411	63			16B	9			MCSD19	04				SWT	Z5					
10739		XA410	64											03YCC5	02				SWT	Z4					
10740		XA410	65											19YSS3	02				SWT						
10741		XA410	66											19YCA3	02				SWT	Z5					
10742		XA410	67											GND	01				SWT						
10743		XA410	68			XA408	75			16B	9			MDA2CB	09				SWT	Z5					
10744		XA410	69											19YCA2	02				SWT	Z5					
10745		XA410	70											19YSS1	02				SWT						
10746		XA410	71			XA412	71			16B	9			MDR19A	02				SWT	Z5					
10747		XA410	72			XA408	78			16B	9			MDA3CB	10				SWT	Z5					
10748		XA410	73			XA411	66			16B	9			19YC03	01				SWT					BIT 19 SQ DIODE 3	
10749		XA410	74											SPP	01				SWT	Z5					
10750		XA410	75			XA408	68			16B	9			MDA0CB	19				SWT	Z5					
10751		XA410	76			XA412	76			16B	9			MDWIDB	10				SWT	Z5					
10752		XA410	77											19YCC0	02				SWT	Z5					
10753		XA410	78			XA410	20			16B	9			MDA1CB	24				SWT	Z5					
10754		XA410	79			XA411	80			16B	9			19YCI1	01				SWT					BIT 19 SI DIODE 1	
10755		XA410	80											19YCC1	02				SWT	Z5					
10756		XA411	01			XA411	17			16B	9			MCSD03	03				SWT	Z1					
10757		XA411	02											GND	01				SWT						

CONNECTOR XA411) CONTINUED ON THE NEXT PAGE ****

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DRAWING NUMBER 149304-880 UNIT ASSEMBLY NO. 149304 REV G INDEX XA411

UNIT ASSEMBLY CARD CAGE WIRED, MCU CONNECTOR FILE IDENT T39AMCMU DATE 09-02-82 PAGE 346

RECORD NUMBER	FROM PREFIX	FROM CONNECTOR	FROM PIN	FROM SHIELD	TO PREFIX	TO CONNECTOR	TO PIN	TO SHIELD	WIRE MULT GROUP	WIRE CODE	WIRE COLOR	WIRE IDENT	WIRE SPECIAL PURPOSE	SIGNAL	SEQ NO	EQUATION	TERM	FACTOR	EXT OR CHIP TYPE	GRID	LOAD OF POWER PLANE	SHEET POINTS AND	SHEET POINTS OF	SIGNAL DESCRIPTION	ECO NO
10758		XA411	03			XA412	07			16B	9			MDB2CB	05				SWT	Z1					
10759		XA411	04			XA413	04			16B	9			MDB3CB	21				SWT	Z1					
10760		XA411	05											SPP	01				SWT	Z1					
10761		XA411	06			XA410	06			16B	9			MDW03A	02				SWT	Z1					
10762		XA411	07			XA410	03			16B	9			MDB0CB	05				SWT	Z1					
10763		XA411	08			XA410	08			16B	9			MDR1DB	10				SWT	Z1					
10764		XA411	09			XA410	15			16B	9			03YSS2	01				SWT	Z1					
10765		XA411	10											MDB1CB	28				SWT	Z1					
10766		XA411	11											03YSS3	02				SWT	Z1					
10767		XA411	12											+5V	01				SWT						
10768		XA411	13											03YCA4	02				SWT	Z2					
10769		XA411	14			XA412	14			18D	2			+12VOLT	062				SWT						
10770		XA411	15			XA410	09			16B	9			03YSS0	01				SWT	Z1					
10771		XA411	16											GND	01				SWT						
10772		XA411	17			XA410	17			16B	9			MCSD03	04				SWT	Z2					
10773		XA411	18											03YCA5	02				SWT	Z2					
10774		XA411	19			XA413	19			16B	9			MDA4CB	26				SWT	Z2					
10775		XA411	20			XA409	20			16B	9			MDA5CB	26				SWT	Z2					
10776		XA411	21			XA410	11			16B	9			03YSS1	01				SWT	Z1					
10777		XA411	22			XA409	22			16B	9			MDA7CB	03				SWT	Z2					
10778		XA411	23			XA218	22			16B	9			MDR03A	04				SWT	Z2					
10779		XA411	24											03YCC7	02				SWT	Z2					
10780		XA411	25			XA412	25			16B	9			MDWIDB	24				SWT	Z2					
10781		XA411	26											SPP	01				SWT	Z2					
10782		XA411	27			XA409	27			16B	9			MDA6CB	27				SWT	Z2					
10783		XA411	28											+5V	01				SWT						
10784		XA411	29											SPP	01				SWT					KEYWAY	
10785		XA411	30											SPP	01				SWT					KEYWAY	
10786		XA411	31											03YCC6	02				SWT	Z2					
10787		XA411	32											GND	01				SWT						
10788		XA411	33			XA410	50			16B	9			MCSD03	07				SWT	Z3					
10789		XA411	34			XA410	36			16B	9			MDB7CB	25				SWT	Z3					
10790		XA411	35			XA409	35			16B	9			MDB6CB	03				SWT	Z3					
10791		XA411	36			XA412	34			16B	9			MDB5CB	04				SWT	Z3					
10792		XA411	37			XA410	37			16B	9			MDW03A	04				SWT	Z3					
10793		XA411	38											SPP	01				SWT	Z3					
10794		XA411	39			XA412	39			16B	9			MDRIDB	17				SWT	Z3					
10795		XA411	40											03YSS7	02				SWT	Z3					
10796		XA411	41											SPP	01				SWT					KEYWAY	
10797		XA411	42											SPP	01				SWT					KEYWAY	
10798		XA411	43			XA409	43			16B	9			MDB4CB	23				SWT	Z3					
10799		XA411	44											GND	01				SWT						
10800		XA411	45											03YSS6	02				SWT	Z3					
10801		XA411	46											SPP	01				SWT						
10802		XA411	47			XA410	47			18D	2			+12VOLT	079				SWT						
10803		XA411	48											SPP	01				SWT						
10804		XA411	49											03YCA2	02				SWT	Z4					
10805		XA411	50											MCSD03	09				SWT	Z4					
10806		XA411	51											03YSS4	02				SWT	Z3					
10807		XA411	52											03YCA3	02				SWT	Z4					
CONNECTOR XA411) CONTINUED ON THE NEXT PAGE ****																									

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RECORD NUMBER	FROM PREFIX	FROM CONNECTOR	FROM PIN	FROM SH FO	TO PREFIX	TO CONNECTOR	TO PIN	TO SH FO	MULTI GROUP	WIRE CODE	WIRE COLOR	WIRE IDENT	SPECIAL INSTRUCTIONS	SIGNAL	SEG NO	EQUATION	TERM FACTOR	CKT OR CHIP TYPE	GROUP	LOAD OR POWER PLANE	TEST POINTS AND/OR	SIGNAL DESCRIPTION	ECO NO
10808		XA411	53											03YSS5	02			SWT	Z3				
10809		XA411	54			XA409	54			16B	9			MDA2CB	07			SWT	Z4				
10810		XA411	55			XA410	55			16B	9			MDWIDB	17			SWT	Z4				
10811		XA411	56			XA410	56			16B	9			MDR03A	01			SWT	Z4				
10812		XA411	57			XA413	57			16B	9			MDA0CB	22			SWT	Z4				
10813		XA411	58											GND	01			SWT					
10814		XA411	59											SPP	01			SWT	Z4				
10815		XA411	60			XA415	60			16B	9			MDA3CB	06			SWT	Z4				
10816		XA411	61											03YCC0	02			SWT	Z4				
10817		XA411	62			XA413	62			16B	9			MDA1CB	21			SWT	Z4				
10818		XA411	63			XA412	63			16B	9			MCSD19	05			SWT	Z5				
10819		XA411	64											03YCC1	02			SWT	Z4				
10820		XA411	65			XA409	70			16B	9			19YSS2	01			SWT					
10821		XA411	66											19YC03	02			SWT	Z5				
10822		XA411	67											GND	01			SWT					
10823		XA411	68			XA409	75			16B	9			MDB2CB	10			SWT	Z5				
10824		XA411	69											19YC02	02			SWT	Z5				
10825		XA411	70			XA409	65			16B	9			19YSS0	01			SWT					
10826		XA411	71			XA413	71			16B	9			MDW19A	02			SWT	Z5				
10827		XA411	72			XA411	04			16B	9			MDB3CB	20			SWT	Z5				
10828		XA411	73			XA411	69			16B	9			19YC02	01			SWT				BIT 19 SQ DIODE 2	
10829		XA411	74											SPP	01			SWT	Z5				
10830		XA411	75			XA509	03			16B	9			MDB0CB	10			SWT	Z5				
10831		XA411	76			XA409	76			16B	9			MDRIDB	24			SWT	Z5				
10832		XA411	77											19YC10	02			SWT	Z5				
10833		XA411	78			XA409	72			16B	9			MDB1CB	19			SWT	Z5				
10834		XA411	79			XA411	77			16B	9			19YC10	01			SWT				BIT 19 SI DIODE 0	
10835		XA411	80											19YC11	02			SWT	Z5				
10836		XA412	01			XA406	29			16B	9			MCSD12	08			SWT	Z1				
10837		XA412	02											GND	01			SWT					
10838		XA412	03			XA411	07			16B	9			MDB0CB	04			SWT	Z1				
10839		XA412	04			XA414	04			16B	9			MDB1CB	24			SWT	Z1				
10840		XA412	05											SPP	01			SWT	Z1				
10841		XA412	06			XA413	06			16B	9			MDW12A	03			SWT	Z1				
10842		XA412	07			XA413	03			16B	9			MDB2CB	06			SWT	Z1				
10843		XA412	08			XA411	08			16B	9			MDRIDB	09			SWT	Z1				
10844		XA412	09			XA413	15			16B	9			12YSS0	01			SWT	Z1				
10845		XA412	10			XA410	10			16B	9			MDB3CB	25			SWT	Z1				
10846		XA412	11											12YSS1	02			SWT	Z1				
10847		XA412	12											+5V	01			SWT					
10848		XA412	13											12YCA0	02			SWT	Z2				
10849		XA412	14			XA413	14			18D	2			+12VOLT	063			SWT					
10850		XA412	15			XA413	09			16B	9			12YSS2	01			SWT	Z1				
10851		XA412	16											GND	01			SWT					
10852		XA412	17			XA413	17			16B	9			MCSD12	05			SWT	Z2				
10853		XA412	18											12YCA1	02			SWT	Z2				
10854		XA412	19			XA410	19			16B	9			MDA0CB	26			SWT	Z2				
10855		XA412	20			XA414	20			16B	9			MDA1CB	26			SWT	Z2				
CONNECTOR XA412) CONTINUED ON THE NEXT PAGE ****																							

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DRAWING NUMBER 149304-880 UNIT ASSEMBLY NO. 149304 REV G INDEX XA412

UNIT ASSEMBLY CARD CAGE WIRED, MCU CONNECTOR FILE IDENT T39AMCMU DATE 09-02-82 PAGE 348

RECORD NUMBER	FROM			SH FG	TO			SH FG	WIRE				SIGNAL	SEC NO	EQUATION	TERM	FACTOR	CKT OR CHIP TYPE	GROUP	LOAD OF POWER PLANE	TEST POINTS	SIGNAL DESCRIPTION	ECO NO
	PREFIX	CONNECTOR	PIN		PREFIX	CONNECTOR	PIN		MULTI GROUP	CODE	COLOR	IDENT											
10856		XA412	21			XA413	11			16B	9		12YSS3	01				SWT	Z1				
10857		XA412	22			XA410	22			16B	9		MDA3CB	02				SWT	Z2				
10858		XA412	23			XA413	23			16B	9		MDR12A	03				SWT	Z2				
10859		XA412	24										12YCC3	02				SWT	Z2				
10860		XA412	25			XA413	25			16B	9		MDWIDB	25				SWT	Z2				
10861		XA412	26										SPP	01				SWT	Z2				
10862		XA412	27			XA414	27			16B	9		MDA2CB	03				SWT	Z2				
10863		XA412	28										+5V	01				SWT					
10864		XA412	29										SPP	01				SWT				KEYWAY	
10865		XA412	30										SPP	01				SWT				KEYWAY	
10866		XA412	31										12YCC2	02				SWT	Z2				
10867		XA412	32										GND	01				SWT					
10868		XA412	33			XA412	17			16B	9		MCSD12	04				SWT	Z3				
10869		XA412	34			XA415	36			16B	9		MDB5CB	05				SWT	Z3				
10870		XA412	35			XA414	35			16B	9		MDB4CB	27				SWT	Z3				
10871		XA412	36			XA411	34			16B	9		MDB7CB	24				SWT	Z3				
10872		XA412	37			XA413	37			16B	9		MDW12A	01				SWT	Z3				
10873		XA412	38										SPP	01				SWT	Z3				
10874		XA412	39			XA413	39			16B	9		MDRIDB	18				SWT	Z3				
10875		XA412	40			XA413	53			16B	9		12YSS5	01				SWT	Z3				
10876		XA412	41										SPP	01				SWT				KEYWAY	
10877		XA412	42										SPP	01				SWT				KEYWAY	
10878		XA412	43			XA414	43			16B	9		MDB6CB	07				SWT	Z3				
10879		XA412	44										GND	01				SWT					
10880		XA412	45										12YSS4	02				SWT	Z3				
10881		XA412	46										SPP	01				SWT					
10882		XA412	47			XA411	47			18D	2		+12VOLT	078				SWT					
10883		XA412	48										SPP	01				SWT					
10884		XA412	49										12YCA6	02				SWT	Z4				
10885		XA412	50			XA413	33			16B	9		MCSD12	02				SWT	Z4				
10886		XA412	51										12YSS6	02				SWT	Z3				
10887		XA412	52										12YCA7	02				SWT	Z4				
10888		XA412	53			XA413	40			16B	9		12YSS7	01				SWT	Z3				
10889		XA412	54			XA414	54			16B	9		MDA6CB	23				SWT	Z4				
10890		XA412	55			XA411	55			16B	9		MDWIDB	16				SWT	Z4				
10891		XA412	56			XA412	23			16B	9		MDR12A	02				SWT	Z4				
10892		XA412	57			XA410	57			16B	9		MDA4CB	22				SWT	Z4				
10893		XA412	58										GND	01				SWT					
10894		XA412	59										SPP	01				SWT	Z4				
10895		XA412	60			XA414	60			16B	9		MDA7CB	07				SWT	Z4				
10896		XA412	61										12YCC4	02				SWT	Z4				
10897		XA412	62			XA412	72			16B	9		MDA5CB	18				SWT	Z4				
10898		XA412	63			XA413	63			16B	9		MCSD19	06				SWT	Z5				
10899		XA412	64										12YCC5	02				SWT	Z4				
10900		XA412	65										19YSS5	02				SWT					
10901		XA412	66										19YCA5	02				SWT	Z5				
10902		XA412	67										GND	01				SWT					
10903		XA412	68			XA414	57			16B	9		MDA4CB	20				SWT	Z5				
10904		XA412	69										19YCA4	02				SWT	Z5				
10905		XA412	70										19YSS7	02				SWT					

CONNECTOR XA412 CONTINUED ON THE NEXT PAGE ****

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DRAWING NUMBER 149304-880 UNIT ASSEMBLY NO. 149304 REV G INDEX XA412

UNIT ASSEMBLY CARD CAGE WIRED, MCU CONNECTOR FILE IDENT T39AMCMU DATE 09-02-82 PAGE 349

RECORD NUMBER	FROM PREFIX	FROM CONNECTOR	FROM PIN	FROM SH FG	TO PREFIX	TO CONNECTOR	TO PIN	TO SH FG	WIRE MULTI GROUP	WIRE CODE	WIRE COLOR	WIRE IDENT	SPEC INST SEQ NO	SIGNAL	SEQ NO	EQUATION	TERM	FACTOR	CKT OR CHIP TYPE	GROUP	LOAD OR POWER PLANE	TEST POINTS AND	TEST POINTS OR	SIGNAL DESCRIPTION	ECO NO
10906		XA412	71			XA414	71			16B	9			MDR19A	03				SWT	Z5					
10907		XA412	72			XA414	78			16B	9			MDA5CB	19				SWT	Z5					
10908		XA412	73											19YC05	02				SWT						
10909		XA412	74											SPP	01				SWT	Z5					
10910		XA412	75			XA408	54			16B	9			MDA6CB	20				SWT	Z5					
10911		XA412	76			XA414	76			16B	9			MDWIDB	11				SWT	Z5					
10912		XA412	77											19YCC6	02				SWT	Z5					
10913		XA412	78			XA415	22			16B	9			MDA7CB	00				SWT	Z5					
10914		XA412	79											19YCI7	02				SWT						
10915		XA412	80											19YCC7	02				SWT	Z5					
10916		XA413	01			XA412	01			16B	9			MCSD12	07				SWT	Z1					
10917		XA413	02											GND	01				SWT						
10918		XA413	03			XA414	07			16B	9			MDB2CB	07				SWT	Z1					
10919		XA413	04			XA415	04			16B	9			MDB3CB	22				SWT	Z1					
10920		XA413	05											SPP	01				SWT	Z1					
10921		XA413	06			XA217	46			16B	9			MDW12A	04				SWT	Z1					
10922		XA413	07			XA412	03			16B	9			MDB0CB	03				SWT	Z1					
10923		XA413	08			XA412	08			16B	9			MDRIDB	08				SWT	Z1					
10924		XA413	09											12YSS2	02				SWT	Z1					
10925		XA413	10			XA411	10			16B	9			MDB1CB	27				SWT	Z1					
10926		XA413	11											12YSS3	02				SWT	Z1					
10927		XA413	12											+5V	01				SWT						
10928		XA413	13											12YCA4	02				SWT	Z2					
10929		XA413	14			XA414	14			18D	2			+12VOLT	064				SWT						
10930		XA413	14			XA413	47			18D	2			+12VOLT	131				SWT						
10931		XA413	15											12YSS0	02				SWT	Z1					
10932		XA413	16											GND	01				SWT						
10933		XA413	17			XA413	01			16B	9			MCSD12	06				SWT	Z2					
10934		XA413	18											12YCA5	02				SWT	Z2					
10935		XA413	19			XA415	19			16B	9			MDA4CB	27				SWT	Z2					
10936		XA413	20			XA411	20			16B	9			MDA5CB	25				SWT	Z2					
10937		XA413	21			XA412	11			16B	9			12YSS1	01				SWT	Z1					
10938		XA413	22			XA411	22			16B	9			MDA7CB	02				SWT	Z2					
10939		XA413	23			XA218	46			16B	9			MDR12A	04				SWT	Z2					
10940		XA413	24											12YCC7	02				SWT	Z2					
10941		XA413	25			XA414	25			16B	9			MDWIDB	26				SWT	Z2					
10942		XA413	26											SPP	01				SWT	Z2					
10943		XA413	27			XA411	27			16B	9			MDA6CB	26				SWT	Z2					
10944		XA413	28											+5V	01				SWT						
10945		XA413	29											SPP	01				SWT					KEYWAY	
10946		XA413	30											SPP	01				SWT					KEYWAY	
10947		XA413	31											12YCC6	02				SWT	Z2					
10948		XA413	32											GND	01				SWT						
10949		XA413	33			XA412	33			16B	9			MCSD12	03				SWT	Z3					
10950		XA413	34			XA412	36			16B	9			MDB7CB	23				SWT	Z3					
10951		XA413	35			XA411	35			16B	9			MDB6CB	02				SWT	Z3					
10952		XA413	36			XA413	72			16B	9			MDB5CB	08				SWT	Z3					
10953		XA413	37			XA412	06			16B	9			MDW12A	02				SWT	Z3					

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DRAWING NUMBER 149304-880 UNIT ASSEMBLY NO. 149304 REV G INDEX XA413

UNIT ASSEMBLY CARD CAGE WIRED, MCU CONNECTOR FILE IDENT T39AMCMU DATE 09-02-82 PAGE 350

RECORD NUMBER	FROM PREFIX	FROM CONNECTOR	FROM PIN	FROM SPEC	TO PREFIX	TO CONNECTOR	TO PIN	TO SPEC	WIRE MULTI GROUP	WIRE CODE	WIRE COLOR	WIRE IDENT	SPEC INST	SPEC INST	SIGNAL	SEQ NO	EQUATION	TERM FACTOR	CKT OR CHIP TYPE	GROUP	LOAD OF POWER PLANE	TEST POINTS END	TEST POINTS OP	SIGNAL DESCRIPTION	ECO NO
10954		XA413	38												SPP	01			SWT	Z3					
10955		XA413	39			XA414	39			16B	9				MDRIDB	19			SWT	Z3					
10956		XA413	40												12YSS7	02			SWT	Z3					
10957		XA413	41												SPP	01			SWT					KEYWAY	
10958		XA413	42												SPP	01			SWT					KEYWAY	
10959		XA413	43			XA411	43			16B	9				MDB4CB	22			SWT	Z3					
10960		XA413	44												GND	01			SWT						
10961		XA413	45			XA412	51			16B	9				12YSS6	01			SWT	Z3					
10962		XA413	46												SPP	01			SWT						
10963		XA413	47			XA412	47			1BD	2				+12VOLT	077			SWT						
10964		XA413	47											K	+12VOLT	132			SWT						
10965		XA413	48												SPP	01			SWT						
10966		XA413	49												12YCA2	02			SWT	Z4					
10967		XA413	50			XA412	50			16B	9				MCSD12	01			SWT	Z4				BIT 12 VOLT SOURCE	
10968		XA413	51			XA412	45			16B	9				12YSS4	01			SWT	Z3					
10969		XA413	52												12YCA3	02			SWT	Z4					
10970		XA413	53												12YSS5	02			SWT	Z3					
10971		XA413	54			XA411	54			16B	9				MDA2CB	06			SWT	Z4					
10972		XA413	55			XA412	55			16B	9				MDWIDB	15			SWT	Z4					
10973		XA413	56			XA412	56			16B	9				MDR12A	01			SWT	Z4					
10974		XA413	57			XA415	57			16B	9				MDA0CB	23			SWT	Z4					
10975		XA413	58												GND	01			SWT						
10976		XA413	59												SPP	01			SWT	Z4					
10977		XA413	60			XA410	72			16B	9				MDA3CB	08			SWT	Z4					
10978		XA413	61												12YCC0	02			SWT	Z4					
10979		XA413	62			XA415	62			16B	9				MDA1CB	22			SWT	Z4					
10980		XA413	63			XA414	63			16B	9				MCSD19	07			SWT	Z5					
10981		XA413	64												12YCC1	02			SWT	Z4					
10982		XA413	65			XA415	70			16B	9				19YSS4	01			SWT						
10983		XA413	66			XA412	73			16B	9				19YC05	01			SWT	Z5				BIT 19 SQ DIODE 5	
10984		XA413	67												GND	01			SWT						
10985		XA413	68			XA415	43			16B	9				MDB4CB	20			SWT	Z5					
10986		XA413	69												19YC04	02			SWT	Z5					
10987		XA413	70			XA415	65			16B	9				19YSS6	01			SWT						
10988		XA413	71			XA415	71			16B	9				MDW19A	03			SWT	Z5					
10989		XA413	72			XA415	78			16B	9				MDB5CB	09			SWT	Z5					
10990		XA413	73			XA413	69			16B	9				19YC04	01			SWT					BIT 19 SQ DIODE 4	
10991		XA413	74												SPP	01			SWT	Z5					
10992		XA413	75			XA419	68			16B	9				MDB6CB	11			SWT	Z5					
10993		XA413	76			XA411	76			16B	9				MDRIDB	23			SWT	Z5					
10994		XA413	77												19YCI6	02			SWT	Z5					
10995		XA413	78			XA419	72			16B	9				MDB7CB	17			SWT	Z5					
10996		XA413	79			XA413	77			16B	9				19YCI6	01			SWT					BIT 19 SI DIODE 6	
10997		XA413	80			XA412	79			16B	9				19YCI7	01			SWT	Z5				BIT 19 SI DIODE 7	
10998		XA414	01												MCSD13	09			SWT	Z1					
10999		XA414	02												GND	01			SWT						
11000		XA414	03			XA413	07			16B	9				MDB0CB	02			SWT	Z1					
11001		XA414	04			XA415	10			16B	9				MDB1CB	25			SWT	Z1					
CONNECTOR XA414 CONTINUED ON THE NEXT PAGE ****																									

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UNIT ASSEMBLY CARD CAGE WIRED, MCU CONNECTOR FILE IDENT T39AMCMU DATE 09-02-82 PAGE 351

RECORD NUMBER	FROM PREFIX	FROM CONNECTOR	FROM PIN	FROM SHIELD	TO PREFIX	TO CONNECTOR	TO PIN	TO SHIELD	WIRE WIRE GROUP	WIRE CODE	WIRE COLOR	WIRE IDENT	SPEC INST MARK	SIGNAL	SEQ NO	EQUATION	TERM FACTOR	CKT OR CHIP TYPE	GROUP	LOAD OR POWER PLANE	TEST POINTS AND	TEST POINTS OR	SIGNAL DESCRIPTION	ECO NO
11002		XA414	05											SPP	01			SWT	Z1					
11003		XA414	06			XA415	37			16B	9			MDW13A	03			SWT	Z1					
11004		XA414	07			XA415	03			16B	9			MDB2CB	08			SWT	Z1					
11005		XA414	08			XA413	08			16B	9			MDRIDB	07			SWT	Z1					
11006		XA414	09			XA415	15			16B	9			13YSS0	01			SWT	Z1					
11007		XA414	10			XA412	10			16B	9			MDB3CB	24			SWT	Z1					
11008		XA414	11											13YSS1	02			SWT	Z1					
11009		XA414	12											+5V	01			SWT						
11010		XA414	13											13YCA0	02			SWT	Z2					
11011		XA414	14			XA415	14			18D	2			+12VOLT	065			SWT						
11012		XA414	14										K	+12VOLT	128			SWT						
11013		XA414	15			XA415	09			16B	9			13YSS2	01			SWT	Z1					
11014		XA414	16											GND	01			SWT						
11015		XA414	17			XA415	17			16B	9			MCSD13	06			SWT	Z2					
11016		XA414	18											13YCA1	02			SWT	Z2					
11017		XA414	19			XA412	19			16B	9			MDA0CB	25			SWT	Z2					
11018		XA414	20			XA408	20			16B	9			MDA1CB	27			SWT	Z2					
11019		XA414	21											13YSS3	02			SWT	Z1					
11020		XA414	22			XA412	22			16B	9			MDA3CB	01			SWT	Z2					
11021		XA414	23			XA415	23			16B	9			MDR13A	03			SWT	Z2					
11022		XA414	24											13YCC3	02			SWT	Z2					
11023		XA414	25			XA415	25			16B	9			MDWIDB	27			SWT	Z2					
11024		XA414	26											SPP	01			SWT	Z2					
11025		XA414	27			XA415	54			16B	9			MDA2CB	04			SWT	Z2					
11026		XA414	28											+5V	01			SWT						
11027		XA414	29											SPP	01			SWT					KEYWAY	
11028		XA414	30											SPP	01			SWT					KEYWAY	
11029		XA414	31											13YCC2	02			SWT	Z2					
11030		XA414	32											GND	01			SWT						
11031		XA414	33			XA414	17			16B	9			MCSD13	05			SWT	Z3					
11032		XA414	34			XA413	36			16B	9			MDB5CB	07			SWT	Z3					
11033		XA414	35			XA210	75			16B	9			MDB4CB	28			SWT	Z3					
11034		XA414	36			XA413	34			16B	9			MDB7CB	22			SWT	Z3					
11035		XA414	37											MDW13A	05			SWT	Z3					
11036		XA414	38											SPP	01			SWT	Z3					
11037		XA414	39			XA415	39			16B	9			MDRIDB	20			SWT	Z3					
11038		XA414	40											13YSS5	02			SWT	Z3					
11039		XA414	41											SPP	01			SWT					KEYWAY	
11040		XA414	42											SPP	01			SWT					KEYWAY	
11041		XA414	43			XA415	68			16B	9			MDB6CB	08			SWT	Z3					
11042		XA414	44											GND	01			SWT						
11043		XA414	45			XA415	51			16B	9			13YSS4	01			SWT	Z3					
11044		XA414	46											SPP	01			SWT						
11045		XA414	47			XA413	47			18D	2			+12VOLT	076			SWT						
11046		XA414	47			XA514	14			18D	2			+12VOLT	133			SWT						
11047		XA414	48											SPP	01			SWT						
11048		XA414	49											13YCA6	02			SWT	Z4					
11049		XA414	50			XA415	33			16B	9			MCSD13	03			SWT	Z4					
11050		XA414	51			XA415	45			16B	9			13YSS6	01			SWT	Z3					
11051		XA414	52											13YCA7	02			SWT	Z4					
CONNECTOR XA414) CONTINUED ON THE NEXT PAGE ****																								

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DRAWING NUMBER 149304-880 UNIT ASSEMBLY NO. 149304 REV G INDEX XA414

UNIT ASSEMBLY CARD CAGE WIRED, MCU CONNECTOR FILE IDENT T39AMCMU DATE 09-02-82 PAGE 352

RECORD NUMBER	FROM PREFIX	FROM CONNECTOR	FROM PIN	FROM SH FG	TO PREFIX	TO CONNECTOR	TO PIN	TO SH FG	WIRE MULTI GROUP	WIRE CODE	WIRE COLOR	WIRE IDENT	SPC INST MISC	SIGNAL	REC NO	EQUATION	TERM	FACTOR	CKT OR CHIP TYPE	GROUP	LOAD OR POWER PLANE	TEST POINTS ANCTOR	SIGNAL DESCRIPTION	ECO NO
11052		XA414	53											13YSS7	02				SWT	Z3				
11053		XA414	54			XA415	27			16B	9			MDA6CB	24				SWT	Z4				
11054		XA414	55			XA413	55			16B	9			MDWIDB	14				SWT	Z4				
11055		XA414	56			XA414	23			16B	9			MDR13A	02				SWT	Z4				
11056		XA414	57			XA412	57			16B	9			MDA4CB	21				SWT	Z4				
11057		XA414	58											GND	01				SWT					
11058		XA414	59											SPP	01				SWT	Z4				
11059		XA414	60			XA414	72			16B	9			MDA7CB	08				SWT	Z4				
11060		XA414	61											13YCC4	02				SWT	Z4				
11061		XA414	62			XA416	72			16B	9			MDA5CB	21				SWT	Z4				
11062		XA414	63			XA415	63			16B	9			MCSD19	08				SWT	Z5				
11063		XA414	64											13YCC5	02				SWT	Z4				
11064		XA414	65			XA412	70			16B	9			19YSS7	01				SWT					
11065		XA414	66											19YCA7	02				SWT	Z5				
11066		XA414	67											GND	01				SWT					
11067		XA414	68			XA416	75			16B	9			MDA6CB	18				SWT	Z5				
11068		XA414	69											19YCA6	02				SWT	Z5				
11069		XA414	70			XA412	65			16B	9			19YSS5	01				SWT					
11070		XA414	71			XA218	75			16B	9			MDR19A	04				SWT	Z5				
11071		XA414	72			XA418	72			16B	9			MDA7CB	09				SWT	Z5				
11072		XA414	73			XA415	66			16B	9			19YC07	01				SWT				BIT 19 SQ DIODE 7	
11073		XA414	74											SPP	01				SWT	Z5				
11074		XA414	75			XA412	68			16B	9			MDA4CB	19				SWT	Z5				
11075		XA414	76			XA415	55			16B	9			MDWIDB	12				SWT	Z5				
11076		XA414	77											19YCC4	02				SWT	Z5				
11077		XA414	78			XA414	62			16B	9			MDA5CB	20				SWT	Z5				
11078		XA414	79			XA415	80			16B	9			19YCI5	01				SWT				BIT 19 SI DIODE 5	
11079		XA414	80											19YCC5	02				SWT	Z5				
11080		XA415	01			XA414	01			16B	9			MCSD13	08				SWT	Z1				
11081		XA415	02											GND	01				SWT					
11082		XA415	03			XA411	68			16B	9			MDB2CB	09				SWT	Z1				
11083		XA415	04			XA414	10			16B	9			MDB3CB	23				SWT	Z1				
11084		XA415	05											SPP	01				SWT	Z1				
11085		XA415	06			XA414	06			16B	9			MDW13A	02				SWT	Z1				
11086		XA415	07			XA414	03			16B	9			MDB0CB	01				SWT	Z1				
11087		XA415	08			XA414	08			16B	9			MDRIDB	06				SWT	Z1				
11088		XA415	09											13YSS2	02				SWT	Z1				
11089		XA415	10			XA413	10			16B	9			MDB1CB	26				SWT	Z1				
11090		XA415	11			XA414	21			16B	9			13YSS3	01				SWT	Z1				
11091		XA415	12											+5V	01				SWT					
11092		XA415	13											13YCA4	02				SWT	Z2				
11093		XA415	14			XA416	14			1BD	2			+12VOLT	066				SWT					
11094		XA415	15											13YSS0	02				SWT	Z1				
11095		XA415	16											GND	01				SWT					
11096		XA415	17			XA415	01			16B	9			MCSD13	07				SWT	Z2				
11097		XA415	18											13YCA5	02				SWT	Z2				
11098		XA415	19											MDA4CB	28				SWT	Z2				
11099		XA415	20			XA413	20			16B	9			MDA5CB	24				SWT	Z2				
CONNECTOR (XA415) CONTINUED ON THE NEXT PAGE ****																								

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RECORD NUMBER	FROM PREFIX	FROM CONNECTOR	FROM PIN	FROM SHIELD	TO PREFIX	TO CONNECTOR	TO PIN	TO SHIELD	WIRE MULT GROUP	WIRE CODE	WIRE COLOR	WIRE IDENT	SPECIAL INST	SIGNAL	SEQ NO	EQUATION	TERM FACTOR	CKT OR CHIP TYPE	GROUP	LOAD OR POWER PLANE	TEST POINTS ANT	TEST POINTS OR	SIGNAL DESCRIPTION	ECO NO
11100		XA415	21			XA414	11			16B	9			13YSS1	01			SWT	Z1					
11101		XA415	22			XA413	22			16B	9			MDA7CB	01			SWT	Z2					
11102		XA415	23			XA218	45			16B	9			MDR13A	04			SWT	Z2					
11103		XA415	24											13YCC7	02			SWT	Z2					
11104		XA415	25			XA316	51			16B	9			MDWIDB	28			SWT	Z2					
11105		XA415	26											SPP	01			SWT	Z2					
11106		XA415	27			XA413	27			16B	9			MDA6CB	25			SWT	Z2					
11107		XA415	28											+5V	01			SWT						
11108		XA415	29											SPP	01			SWT					KEYWAY	
11109		XA415	30											SPP	01			SWT					KEYWAY	
11110		XA415	31											13YCC6	02			SWT	Z2					
11111		XA415	32											GND	01			SWT						
11112		XA415	33			XA414	33			16B	9			MCSD13	04			SWT	Z3					
11113		XA415	34			XA414	36			16B	9			MDB7CB	21			SWT	Z3					
11114		XA415	35			XA413	35			16B	9			MDB6CB	01			SWT	Z3					
11115		XA415	36			XA414	34			16B	9			MDB5CB	06			SWT	Z3					
11116		XA415	37			XA414	37			16B	9			MDW13A	04			SWT	Z3					
11117		XA415	38											SPP	01			SWT	Z3					
11118		XA415	39			XA415	76			16B	9			MDRIDB	21			SWT	Z3					
11119		XA415	40			XA414	53			16B	9			13YSS7	01			SWT	Z3					
11120		XA415	41											SPP	01			SWT					KEYWAY	
11121		XA415	42											SPP	01			SWT					KEYWAY	
11122		XA415	43			XA413	43			16B	9			MDB4CB	21			SWT	Z3					
11123		XA415	44											GND	01			SWT						
11124		XA415	45											13YSS6	02			SWT	Z3					
11125		XA415	46											SPP	01			SWT						
11126		XA415	47			XA414	47			18D	2			+12VOLT	075			SWT						
11127		XA415	47										M	+12VOLT	01			SWT						
11128		XA415	48											SPP	01			SWT						
11129		XA415	49											13YCA2	02			SWT	Z4					
11130		XA415	50			XA414	50			16B	9			MCSD13	02			SWT	Z4					
11131		XA415	51											13YSS4	02			SWT	Z3					
11132		XA415	52											13YCA3	02			SWT	Z4					
11133		XA415	53			XA414	40			16B	9			13YSS5	01			SWT	Z3					
11134		XA415	54			XA413	54			16B	9			MDA2CB	05			SWT	Z4					
11135		XA415	55			XA414	55			16B	9			MDWIDB	13			SWT	Z4					
11136		XA415	56			XA414	56			16B	9			MDR13A	01			SWT	Z4					
11137		XA415	57			XA414	19			16B	9			MDA0CB	24			SWT	Z4					
11138		XA415	58											GND	01			SWT						
11139		XA415	59											SPP	01			SWT	Z4					
11140		XA415	60			XA413	60			16B	9			MDA3CB	07			SWT	Z4					
11141		XA415	61											13YCC0	02			SWT	Z4					
11142		XA415	62			XA410	78			16B	9			MDA1CB	23			SWT	Z4					
11143		XA415	63											MCSD19	09			SWT	Z5					
11144		XA415	64											13YCC1	02			SWT	Z4					
11145		XA415	65											19YSS6	02			SWT						
11146		XA415	66											19YC07	02			SWT	Z5					
11147		XA415	67											GND	01			SWT						
11148		XA415	68			XA417	75			16B	9			MDB6CB	09			SWT	Z5					
11149		XA415	69			XA415	73			16B	9			19YC06	01			SWT	Z5				BIT 19 SQ DIODE 6	

CONNECTOR (XA415) CONTINUED ON THE NEXT PAGE ****

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DRAWING NUMBER 149304-880 UNIT ASSEMBLY NO. 149304 REV G INDEX XA415

UNIT ASSEMBLY CARD CAGE WIRED, MCU CONNECTOR FILE IDENT T39AMCMU DATE 09-02-82 PAGE 354

RECORD NUMBER	FROM PREFIX	FROM CONNECTOR	FROM PIN	FROM SH FB	TO PREFIX	TO CONNECTOR	TO PIN	TO SH FB	WIRE MULTI GROUP	WIRE CODE	WIRE COLOR	WIRE IDENT	SPC INST MISC	SIGNAL	SEQ NO	EQUATION	TERM	FACTOR	CNT OR CHIP TYPE	GROUP	LOAD OF POWER PLANE	TEST POINTS AND	TEST POINTS DP	SIGNAL DESCRIPTION	ECO NO
11150		XA415	70											19YSS4	02				SWT						
11151		XA415	71			XA217	75			16B	9			MDW19A	04				SWT	Z5					
11152		XA415	72			XA415	34			16B	9			MDB7CB	20				SWT	Z5					
11153		XA415	73											19YC06	02				SWT						
11154		XA415	74											SPP	01				SWT	Z5					
11155		XA415	75			XA413	68			16B	9			MDB4CB	19				SWT	Z5					
11156		XA415	76			XA413	76			16B	9			MDRIDB	22				SWT	Z5					
11157		XA415	77			XA415	79			16B	9			19YCI4	01				SWT	Z5				BIT 19 SI DIODE 4	
11158		XA415	78			XA417	72			16B	9			MDB5CB	10				SWT	Z5					
11159		XA415	79											19YCI4	02				SWT						
11160		XA415	80											19YCI5	02				SWT	Z5					
11161		XA416	01			XA416	17			16B	9			MCSD18	02				SWT	Z1					
11162		XA416	02											GND	01				SWT						
11163		XA416	03			XA310	75			16B	9			MDB0BB	06				SWT	Z1					
11164		XA416	04			XA417	10			16B	9			MDB1BB	19				SWT	Z1					
11165		XA416	05											SPP	01				SWT	Z1					
11166		XA416	06			XA417	37			16B	9			MDW18A	03				SWT	Z1					
11167		XA416	07			XA310	68			16B	9			MDB2BB	06				SWT	Z1					
11168		XA416	08			XA314	76			16B	9			MDRICB	08				SWT	Z1					
11169		XA416	09			XA417	15			16B	9			18YSS0	01				SWT	Z1					
11170		XA416	10			XA417	04			16B	9			MDB3BB	05				SWT	Z1					
11171		XA416	11											18YSS1	02				SWT	Z1					
11172		XA416	12											+5V	01				SWT						
11173		XA416	13											18YCA0	02				SWT	Z2					
11174		XA416	14			XA417	14			18D	2			+12VOLT	067				SWT						
11175		XA416	15			XA417	09			16B	9			18YSS2	01				SWT	Z1					
11176		XA416	16											GND	01				SWT						
11177		XA416	17			XA417	17			16B	9			MCSD18	03				SWT	Z2					
11178		XA416	18											18YCA1	02				SWT	Z2					
11179		XA416	19			XA418	19			16B	9			MDA0BB	20				SWT	Z2					
11180		XA416	20			XA309	78			16B	9			MDA1BB	06				SWT	Z2					
11181		XA416	21											18YSS3	02				SWT	Z1					
11182		XA416	22			XA307	78			16B	9			MDA3BB	06				SWT	Z2					
11183		XA416	23			XA417	23			16B	9			MDR18A	03				SWT	Z2					
11184		XA416	24											18YCC3	02				SWT	Z2					
11185		XA416	25			XA417	25			16B	9			MDWICB	25				SWT	Z2					
11186		XA416	26											SPP	01				SWT	Z2					
11187		XA416	27			XA418	27			16B	9			MDA2BB	03				SWT	Z2					
11188		XA416	28											+5V	01				SWT						
11189		XA416	29											SPP	01				SWT					KEYWAY	
11190		XA416	30											SPP	01				SWT					KEYWAY	
11191		XA416	31											18YCC2	02				SWT	Z2					
11192		XA416	32											GND	01				SWT						
11193		XA416	33			XA416	50			16B	9			MCSD18	06				SWT	Z3					
11194		XA416	34			XA314	78			16B	9			MDB5BB	06				SWT	Z3					
11195		XA416	35			XA418	35			16B	9			MDB4BB	16				SWT	Z3					
11196		XA416	36			XA312	78			16B	9			MDB7BB	06				SWT	Z3					
11197		XA416	37											MDW18A	05				SWT	Z3					

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RECORD NUMBER	FROM PREFIX	FROM CONNECTOR	FROM PIN	FROM SH FG	TO PREFIX	TO CONNECTOR	TO PIN	TO SH FG	WIRE MULTI GROUP	WIRE CODE	WIRE COLOR	WIRE IDENT	SPEC INSTR MISC	SIGNAL	SEQ NO	EQUATION	TERM	FACTOR	CKT OR CHIP TYPE	GROUP	LOAD OR POWER PLANE	TEST POINTS AND	TEST POINTS OR	SIGNAL DESCRIPTION	ECO NO
11198		XA416	38											SPP	01				SWT	Z3					
11199		XA416	39			XA417	39			16B	9			MDRICB	01				SWT	Z3					
11200		XA416	40											18YSS5	02				SWT	Z3					
11201		XA416	41											SPP	01				SWT					KEYWAY	
11202		XA416	42											SPP	01				SWT					KEYWAY	
11203		XA416	43			XA515	14			16B	9			MDB6BB	21				SWT	Z3					
11204		XA416	44											GND	01				SWT						
11205		XA416	45			XA417	51			16B	9			18YSS4	01				SWT	Z3					
11206		XA416	46											SPP	01				SWT						
11207		XA416	47			XA415	47			18D	2			+12VOLT	074				SWT						
11208		XA416	48											SPP	01				SWT						
11209		XA416	49											18YCA6	02				SWT	Z4					
11210		XA416	50			XA417	50			16B	9			MCSD18	07				SWT	Z4					
11211		XA416	51			XA417	45			16B	9			18YSS6	01				SWT	Z3					
11212		XA416	52											18YCA7	02				SWT	Z4					
11213		XA416	53											18YSS7	02				SWT	Z3					
11214		XA416	54			XA418	54			16B	9			MDA6BB	03				SWT	Z4					
11215		XA416	55											MDWICB	32				SWT	Z4					
11216		XA416	56			XA416	23			16B	9			MDR18A	02				SWT	Z4					
11217		XA416	57			XA418	57			16B	9			MDA4BB	01				SWT	Z4					
11218		XA416	58											GND	01				SWT						
11219		XA416	59											SPP	01				SWT	Z4					
11220		XA416	60			XA418	60			16B	9			MDA7BB	01				SWT	Z4					
11221		XA416	61											18YCC4	02				SWT	Z4					
11222		XA416	62											MDA5BB	22				SWT	Z4					
11223		XA416	63			XA406	55			16B	9			MCSD17	05				SWT	Z5					
11224		XA416	64											18YCC5	02				SWT	Z4					
11225		XA416	65			XA418	70			16B	9			17YSS5	01				SWT						
11226		XA416	66											17YCA5	02				SWT	Z5					
11227		XA416	67											GND	01				SWT						
11228		XA416	68			XA414	75			16B	9			MDA4CB	18				SWT	Z5					
11229		XA416	69											17YCA4	02				SWT	Z5					
11230		XA416	70			XA418	65			16B	9			17YSS7	01				SWT						
11231		XA416	71			XA418	71			16B	9			MDR17A	03				SWT	Z5					
11232		XA416	72			XA418	78			16B	9			MDA5CB	22				SWT	Z5					
11233		XA416	73			XA417	66			16B	9			17YCC5	01				SWT					BIT 17 SQ DIODE 5	
11234		XA416	74											SPP	01				SWT	Z5					
11235		XA416	75			XA412	75			16B	9			MDA6CB	19				SWT	Z5					
11236		XA416	76			XA418	76			16B	9			MDWIEB	23				SWT	Z5					
11237		XA416	77											17YCC6	02				SWT	Z5					
11238		XA416	78			XA514	22			16B	9			MDA7CB	11				SWT	Z5					
11239		XA416	79			XA417	80			16B	9			17YCI7	01				SWT					BIT 17 SI DIODE 7	
11240		XA416	80											17YCC7	02				SWT	Z5					
11241		XA417	01											MCSD18	09				SWT	Z1					
11242		XA417	02											GND	01				SWT						
11243		XA417	03			XA416	07			16B	9			MDB2BB	05				SWT	Z1					
11244		XA417	04			XA310	72			16B	9			MDB3BB	06				SWT	Z1					
11245		XA417	05											SPP	01				SWT	Z1					
CONNECTOR XA417) CONTINUED ON THE NEXT PAGE ****																									

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RECORD NUMBER	FROM			SH FG	TO			SH FG	WIRE				SPEC TEST MISC	SIGNAL	SEC NO	EQUATION	TERM	FACTOR	CKT OR CN P TYPE	GROUP	LOAD OR POWER PLANE	TEST POINTS		SIGNAL DESCRIPTION	ECO NO
	PREFIX	CONNECTOR	PIN		PREFIX	CONNECTOR	PIN		MULTI GROUP	CODE	COLOR	IDENT										ANCTOR			
11246		XA417	06			XA416	06			16B	9			MDW18A	02				SWT	Z1					
11247		XA417	07			XA416	03			16B	9			MDB0BB	05				SWT	Z1					
11248		XA417	08			XA416	08			16B	9			MDR1CB	07				SWT	Z1					
11249		XA417	09											18YSS2	02				SWT	Z1					
11250		XA417	10			XA418	04			16B	9			MDB1BB	20				SWT	Z1					
11251		XA417	11			XA416	21			16B	9			18YSS3	01				SWT	Z1					
11252		XA417	12											+5V	01				SWT						
11253		XA417	13											18YCA4	02				SWT	Z2					
11254		XA417	14			XA418	14			18D	2			+12VOLT	068				SWT						
11255		XA417	15											18YSS0	02				SWT	Z1					
11256		XA417	16											GND	01				SWT						
11257		XA417	17			XA417	33			16B	9			MCSD18	04				SWT	Z2					
11258		XA417	18											18YCA5	02				SWT	Z2					
11259		XA417	19			XA313	75			16B	9			MDA4BB	06				SWT	Z2					
11260		XA417	20			XA419	20			16B	9			MDA5BB	17				SWT	Z2					
11261		XA417	21			XA416	11			16B	9			18YSS1	01				SWT	Z1					
11262		XA417	22			XA313	72			16B	9			MDA7BB	06				SWT	Z2					
11263		XA417	23			XA218	63			16B	9			MDR18A	04				SWT	Z2					
11264		XA417	24											18YCC7	02				SWT	Z2					
11265		XA417	25			XA418	25			16B	9			MDW1CB	26				SWT	Z2					
11266		XA417	26											SPP	01				SWT	Z2					
11267		XA417	27			XA311	75			16B	9			MDA6BB	06				SWT	Z2					
11268		XA417	28											+5V	01				SWT						
11269		XA417	29											SPP	01				SWT					KEYWAY	
11270		XA417	30											SPP	01				SWT					KEYWAY	
11271		XA417	31											18YCC6	02				SWT	Z2					
11272		XA417	32											GND	01				SWT						
11273		XA417	33			XA416	33			16B	9			MCSD18	05				SWT	Z3					
11274		XA417	34			XA416	36			16B	9			MDB7BB	05				SWT	Z3					
11275		XA417	35			XA419	35			16B	9			MDB6BB	18				SWT	Z3					
11276		XA417	36			XA418	34			16B	9			MDB5BB	03				SWT	Z3					
11277		XA417	37			XA416	37			16B	9			MDW18A	04				SWT	Z3					
11278		XA417	38											SPP	01				SWT	Z3					
11279		XA417	39			XA418	39			16B	9			MDR1CB	02				SWT	Z3					
11280		XA417	40			XA416	53			16B	9			18YSS7	01				SWT	Z3					
11281		XA417	41											SPP	01				SWT					KEYWAY	
11282		XA417	42											SPP	01				SWT					KEYWAY	
11283		XA417	43			XA515	01			16B	9			MDB4BB	19				SWT	Z3					
11284		XA417	44											GND	01				SWT						
11285		XA417	45											18YSS6	02				SWT	Z3					
11286		XA417	46											SPP	01				SWT						
11287		XA417	47			XA416	47			18D	2			+12VOLT	073				SWT						
11288		XA417	48											SPP	01				SWT						
11289		XA417	49											18YCA2	02				SWT	Z4					
11290		XA417	50			XA417	01			16B	9			MCSD18	08				SWT	Z4					
11291		XA417	51											18YSS4	02				SWT	Z3					
11292		XA417	52											18YCA3	02				SWT	Z4					
11293		XA417	53			XA416	40			16B	9			18YSS5	01				SWT	Z3					
11294		XA417	54			XA416	27			16B	9			MDA2BB	02				SWT	Z4					
11295		XA417	55			XA416	55			16B	9			MDW1CB	31				SWT	Z4					
CONNECTOR XA417 CONTINUED ON THE NEXT PAGE ****																									

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DRAWING NUMBER 149304-880 UNIT ASSEMBLY NO. 149304 REV G INDEX XA417

UNIT ASSEMBLY CARD CAGE WIRED, MCU CONNECTOR FILE IDENT T39AMCMU DATE 09-02-82 PAGE 357

RECORD NUMBER	FROM PREFIX	FROM CONNECTOR	FROM PIN	FROM SH FG	TO PREFIX	TO CONNECTOR	TO PIN	TO SH FG	WIRE MULTI GROUP	WIRE CODE	WIRE COLOR	WIRE IDENT	SPLICE INST MISC	SIGNAL	SEQ NO	EQUATION	TERM	FACTOR	CKT OR CHIP TYPE	GROUP	LOAD OR POWER PLANE	TEST POINTS AND	TEST POINTS OR	SIGNAL DESCRIPTION	ECO NO
11296		XA417	56			XA416	56			16B	9			MDR18A	01				SWT	Z4					
11297		XA417	57											MDA0BB	25				SWT	Z4					
11298		XA417	58											GND	01				SWT						
11299		XA417	59											SPP	01				SWT	Z4					
11300		XA417	60			XA419	60			16B	9			MDA3BB	01				SWT	Z4					
11301		XA417	61											18YCC0	02				SWT	Z4					
11302		XA417	62			XA419	62			16B	9			MDA1BB	01				SWT	Z4					
11303		XA417	63			XA416	63			16B	9			MCSD17	04				SWT	Z5					
11304		XA417	64											18YCC1	02				SWT	Z4					
11305		XA417	65											17YSS4	02				SWT						
11306		XA417	66											17YC05	02				SWT	Z5					
11307		XA417	67											GND	01				SWT						
11308		XA417	68			XA415	75			16B	9			MDB4CB	18				SWT	Z5					
11309		XA417	69			XA417	73			16B	9			17YC04	01				SWT	Z5				BIT 17 SQ DIODE 4	
11310		XA417	70											17YSS6	02				SWT						
11311		XA417	71			XA419	71			16B	9			MDW17A	03				SWT	Z5					
11312		XA417	72			XA419	78			16B	9			MDB5CB	11				SWT	Z5					
11313		XA417	73											17YC04	02				SWT						
11314		XA417	74											SPP	01				SWT	Z5					
11315		XA417	75			XA413	75			16B	9			MDB6CB	10				SWT	Z5					
11316		XA417	76			XA419	76			16B	9			MDR1EB	23				SWT	Z5					
11317		XA417	77			XA417	79			16B	9			17YC16	01				SWT	Z5				BIT 17 SI DIODE 6	
11318		XA417	78			XA415	72			16B	9			MDB7CB	19				SWT	Z5					
11319		XA417	79											17YC16	02				SWT						
11320		XA417	80											17YC17	02				SWT	Z5					
11321		XA418	01			XA305	63			16B	9			MCSD30	08				SWT	Z1					
11322		XA418	02											GND	01				SWT						
11323		XA418	03			XA417	07			16B	9			MDB0BB	04				SWT	Z1					
11324		XA418	04			XA419	10			16B	9			MDB1BB	21				SWT	Z1					
11325		XA418	05											SPP	01				SWT	Z1					
11326		XA418	06			XA317	27			16B	9			MDW30A	04				SWT	Z1					
11327		XA418	07			XA417	03			16B	9			MDB2BB	04				SWT	Z1					
11328		XA418	08			XA417	08			16B	9			MDR1CB	06				SWT	Z1					
11329		XA418	09			XA419	15			16B	9			30YSS0	01				SWT	Z1					
11330		XA418	10			XA416	10			16B	9			MDB3BB	04				SWT	Z1					
11331		XA418	11											30YSS1	02				SWT	Z1					
11332		XA418	12											+5V	01				SWT						
11333		XA418	13											30YCA0	02				SWT	Z2					
11334		XA418	14			XA419	14			18D	2			+12VOLT	069				SWT						
11335		XA418	15			XA419	09			16B	9			30YSS2	01				SWT	Z1					
11336		XA418	16											GND	01				SWT						
11337		XA418	17			XA419	17			16B	9			MCSD30	05				SWT	Z2					
11338		XA418	18											30YCA1	02				SWT	Z2					
11339		XA418	19			XA420	01			16B	9			MDA0BB	21				SWT	Z2					
11340		XA418	20			XA416	20			16B	9			MDA1BB	05				SWT	Z2					
11341		XA418	21											30YSS3	02				SWT	Z1					
11342		XA418	22			XA416	22			16B	9			MDA3BB	05				SWT	Z2					
11343		XA418	23			XA318	27			16B	9			MDR30A	04				SWT	Z2					

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UNIT ASSEMBLY CARD CAGE WIRED, MCU CONNECTOR FILE IDENT T39AMCMU DATE 09-02-82 PAGE 358

RECORD NUMBER	FROM PREFIX	FROM CONNECTOR	FROM PIN	FROM SH FG	TO PREFIX	TO CONNECTOR	TO PIN	TO SH FG	WIRE MULTI GROUP	WIRE CODE	WIRE COLOR	WIRE IDENT	SPEC INST MISC	SIGNAL	SEQ NO	EQUATION	TERM	FACTOR	CNT OR CHIP TYPE	GRID	LOAD OF POWER PLANE	TEST POINTS AND	TEST POINTS OR	SIGNAL DESCRIPTION	ECO NO
11344		XA418	24											30YCC3	02				SWT	Z2					
11345		XA418	25			XA419	25			16B	9			MDWICB	27				SWT	Z2					
11346		XA418	26											SPP	01				SWT	Z2					
11347		XA418	27			XA420	22			16B	9			MDA2BB	04				SWT	Z2					
11348		XA418	28											+5V	01				SWT						
11349		XA418	29											SPP	01				SWT					KEYWAY	
11350		XA418	30											SPP	01				SWT					KEYWAY	
11351		XA418	31											30YCC2	02				SWT	Z2					
11352		XA418	32											GND	01				SWT						
11353		XA418	33			XA418	17			16B	9			MCSD30	04				SWT	Z3					
11354		XA418	34			XA419	36			16B	9			MDB5BB	04				SWT	Z3					
11355		XA418	35			XA419	43			16B	9			MDB4BB	17				SWT	Z3					
11356		XA418	36			XA417	34			16B	9			MDB7BB	04				SWT	Z3					
11357		XA418	37			XA419	37			16B	9			MDW30A	01				SWT	Z3					
11358		XA418	38											SPP	01				SWT	Z3					
11359		XA418	39			XA419	39			16B	9			MDRICB	03				SWT	Z3					
11360		XA418	40											30YSS5	02				SWT	Z3					
11361		XA418	41											SPP	01				SWT					KEYWAY	
11362		XA418	42											SPP	01				SWT					KEYWAY	
11363		XA418	43			XA416	43			16B	9			MDB6BB	20				SWT	Z3					
11364		XA418	44											GND	01				SWT						
11365		XA418	45			XA419	51			16B	9			30YSS4	01				SWT	Z3					
11366		XA418	46											SPP	01				SWT						
11367		XA418	47			XA417	47			18D	2			+12VOLT	072				SWT						
11368		XA418	48											SPP	01				SWT						
11369		XA418	49											30YCA6	02				SWT	Z4					
11370		XA418	50			XA419	33			16B	9			MCSD30	02				SWT	Z4					
11371		XA418	51			XA419	45			16B	9			30YSS6	01				SWT	Z3					
11372		XA418	52											30YCA7	02				SWT	Z4					
11373		XA418	53											30YSS7	02				SWT	Z3					
11374		XA418	54			XA419	27			16B	9			MDA6BB	04				SWT	Z4					
11375		XA418	55			XA417	55			16B	9			MDWICB	30				SWT	Z4					
11376		XA418	56			XA419	23			16B	9			MDR30A	02				SWT	Z4					
11377		XA418	57			XA420	38			16B	9			MDA4BB	02				SWT	Z4					
11378		XA418	58											GND	01				SWT						
11379		XA418	59											SPP	01				SWT	Z4					
11380		XA418	60			XA420	51			16B	9			MDA7BB	02				SWT	Z4					
11381		XA418	61											30YCC4	02				SWT	Z4					
11382		XA418	62			XA416	62			16B	9			MDA5BB	21				SWT	Z4					
11383		XA418	63			XA417	63			16B	9			MCSD17	03				SWT	Z5					
11384		XA418	64											30YCC5	02				SWT	Z4					
11385		XA418	65											17YSS7	02				SWT						
11386		XA418	66											17YCA7	02				SWT	Z5					
11387		XA418	67											GND	01				SWT						
11388		XA418	68			XA414	68			16B	9			MDA6CB	17				SWT	Z5					
11389		XA418	69											17YCA6	02				SWT	Z5					
11390		XA418	70											17YSS5	02				SWT						
11391		XA418	71			XA218	57			16B	9			MDR17A	04				SWT	Z5					
11392		XA418	72			XA416	78			16B	9			MDA7CB	10				SWT	Z5					
11393		XA418	73			XA419	66			16B	9			17YCD7	01				SWT					BIT 17 SQ DIODE 7	

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DRAWING NUMBER 149304-880 UNIT ASSEMBLY NO. 149304 REV G INDEX XA418

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RECORD NUMBER	FROM PREFIX	FROM CONNECTOR	FROM PIN	FROM SHIELD	TO PREFIX	TO CONNECTOR	TO PIN	TO SHIELD	WIRE MULTI GROUP	WIRE CODE	WIRE COLOR	WIRE IDENT	SPEC INST SPEC SEC	SIGNAL	SEQ NO	EQUATION	TERM FACTOR	CKT OR CHIP TYPE	GROUP	LOAD OR POWER PLANE	TEST POINTS AND	TEST POINTS OR	SIGNAL DESCRIPTION	ECO NO
11394		XA418	74											SPP	01			SWT	Z5					
11395		XA418	75			XA416	68			16B	9			MDA4CB	17			SWT	Z5					
11396		XA418	76			XA316	66			16B	9			MDWIEB	24			SWT	Z5					
11397		XA418	77											17YCC4	02			SWT	Z5					
11398		XA418	78			XA415	20			16B	9			MDA5CB	23			SWT	Z5					
11399		XA418	79			XA419	80			16B	9			17YCI5	01			SWT					BIT 17 SI DIODE 5	
11400		XA418	80											17YCC5	02			SWT	Z5					
11401		XA419	01			XA418	01			16B	9			MCSD30	07			SWT	Z1					
11402		XA419	02											GND	01			SWT						
11403		XA419	03			XA418	07			16B	9			MDB2BB	03			SWT	Z1					
11404		XA419	04			XA418	10			16B	9			MDB3BB	03			SWT	Z1					
11405		XA419	05											SPP	01			SWT	Z1					
11406		XA419	06			XA418	06			16B	9			MDW30A	03			SWT	Z1					
11407		XA419	07			XA418	03			16B	9			MDB0BB	03			SWT	Z1					
11408		XA419	08			XA418	08			16B	9			MDRICB	05			SWT	Z1					
11409		XA419	09											30YSS2	02			SWT	Z1					
11410		XA419	10			XA420	57			16B	9			MDB1BB	22			SWT	Z1					
11411		XA419	11			XA418	21			16B	9			30YSS3	01			SWT	Z1					
11412		XA419	12											+5V	01			SWT						
11413		XA419	13											30YCA4	02			SWT	Z2					
11414		XA419	14			XA419	47			18D	2			+12VOLT	070			SWT						
11415		XA419	15											30YSS0	02			SWT	Z1					
11416		XA419	16											GND	01			SWT						
11417		XA419	17			XA419	01			16B	9			MCSD30	06			SWT	Z2					
11418		XA419	18											30YCA5	02			SWT	Z2					
11419		XA419	19			XA417	19			16B	9			MDA4BB	05			SWT	Z2					
11420		XA419	20			XA420	33			16B	9			MDA5BB	18			SWT	Z2					
11421		XA419	21			XA418	11			16B	9			30YSS1	01			SWT	Z1					
11422		XA419	22			XA417	22			16B	9			MDA7BB	05			SWT	Z2					
11423		XA419	23			XA418	23			16B	9			MDR30A	03			SWT	Z2					
11424		XA419	24											30YCC7	02			SWT	Z2					
11425		XA419	25			XA419	55			16B	9			MDWICB	28			SWT	Z2					
11426		XA419	26											SPP	01			SWT	Z2					
11427		XA419	27			XA417	27			16B	9			MDA6BB	05			SWT	Z2					
11428		XA419	28											+5V	01			SWT						
11429		XA419	29											SPP	01			SWT					KEYWAY	
11430		XA419	30											SPP	01			SWT					KEYWAY	
11431		XA419	31											30YCC6	02			SWT	Z2					
11432		XA419	32											GND	01			SWT						
11433		XA419	33			XA418	33			16B	9			MCSD30	03			SWT	Z3					
11434		XA419	34			XA418	36			16B	9			MDB7BB	03			SWT	Z3					
11435		XA419	35			XA418	43			16B	9			MDB6BB	19			SWT	Z3					
11436		XA419	36			XA416	34			16B	9			MDB5BB	05			SWT	Z3					
11437		XA419	37			XA419	06			16B	9			MDW30A	02			SWT	Z3					
11438		XA419	38											SPP	01			SWT	Z3					
11439		XA419	39			XA419	08			16B	9			MDRICB	04			SWT	Z3					
11440		XA419	40			XA418	53			16B	9			30YSS7	01			SWT	Z3					
11441		XA419	41											SPP	01			SWT					KEYWAY	

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RECORD NUMBER	FROM PREFIX	FROM CONNECTOR	FROM PIN	FROM SH FG	TO PREFIX	TO CONNECTOR	TO PIN	TO SH FG	WIRE MULTI GROUP	WIRE CODE	WIRE COLOR	WIRE IDENT	SPEC INST CODE	SIGNAL	SEQ NO	EQUATION	TERM	FACTOR	CKT OR CHIP TYPE	GROUP	LOAD OR POWER PLANE	TEST POINTS ANC	TEST POINTS OR	SIGNAL DESCRIPTION	ECO NO
11442		XA419	42											SPP	01				SWT					KEYWAY	
11443		XA419	43			XA417	43			16B	9			MDB4BB	18				SWT	Z3					
11444		XA419	44											GND	01				SWT						
11445		XA419	45											30YSS6	02				SWT	Z3					
11446		XA419	46											SPP	01				SWT						
11447		XA419	47			XA418	47			18D	2			+12VOLT	071				SWT						
11448		XA419	47										M	+12VOLT	01				SWT						
11449		XA419	48											SPP	01				SWT						
11450		XA419	49											30YCA2	02				SWT	Z4					
11451		XA419	50			XA418	50			16B	9			MCSD30	01				SWT	Z4				BIT 30 VOLT SOURCE	
11452		XA419	51											30YSS4	02				SWT	Z3					
11453		XA419	52											30YCA3	02				SWT	Z4					
11454		XA419	53			XA418	40			16B	9			30YSS5	01				SWT	Z3					
11455		XA419	54			XA417	54			16B	9			MDA2BB	01				SWT	Z4					
11456		XA419	55			XA418	55			16B	9			MDW1CB	29				SWT	Z4					
11457		XA419	56			XA418	56			16B	9			MDR30A	01				SWT	Z4					
11458		XA419	57			XA417	57			16B	9			MDA0BB	24				SWT	Z4					
11459		XA419	58											GND	01				SWT						
11460		XA419	59											SPP	01				SWT	Z4					
11461		XA419	60			XA420	27			16B	9			MDA3BB	02				SWT	Z4					
11462		XA419	61											30YCC0	02				SWT	Z4					
11463		XA419	62			XA420	09			16B	9			MDA1BB	02				SWT	Z4					
11464		XA419	63			XA418	63			16B	9			MCSD17	02				SWT	Z5				BIT 17 VOLT SOURCE	
11465		XA419	64											30YCC1	02				SWT	Z4					
11466		XA419	65			XA417	70			16B	9			17YSS6	01				SWT						
11467		XA419	66											17YC07	02				SWT	Z5					
11468		XA419	67											GND	01				SWT						
11469		XA419	68			XA516	46			16B	9			MDB6CB	12				SWT	Z5					
11470		XA419	69											17YC06	02				SWT	Z5					
11471		XA419	70			XA417	65			16B	9			17YSS4	01				SWT						
11472		XA419	71			XA217	57			16B	9			MDW17A	04				SWT	Z5					
11473		XA419	72			XA417	78			16B	9			MDB7CB	18				SWT	Z5					
11474		XA419	73			XA419	69			16B	9			17YC06	01				SWT					BIT 17 SQ DIODE 6	
11475		XA419	74											SPP	01				SWT	Z5					
11476		XA419	75			XA417	68			16B	9			MDB4CB	17				SWT	Z5					
11477		XA419	76			XA315	66			16B	9			MDR1EB	24				SWT	Z5					
11478		XA419	77			XA419	79			16B	9			17YCI4	01				SWT	Z5				BIT 17 SI DIODE 4	
11479		XA419	78			XA516	33			16B	9			MDB5CB	12				SWT	Z5					
11480		XA419	79											17YCI4	02				SWT						
11481		XA419	80											17YCI5	02				SWT	Z5					
20136		XA420	01			XA420	06			16B	9		P	MUA0DA	22	MDA0BB	02	1	TQ2	A2		02B			
22311		XA420	01										J	MUA0DA	01	MUA0DA	00	1	TQ2	A2		02B		MDA0BB BUSS	
11482		XA420	02											GND	01				TQ2			01A			
22382		XA420	03			XA339	04			16B	9			MUA010	005	MUA1CA	01	1	TQ2	A3		02A			G02
22312		XA420	04			XA339	11			16B	9			MUA000	005	MUA0DA	01	1	TQ2	A2		04A			G02
22313		XA420	05			XA420	10			16B	9			SPI022	26	MUA0DA	01	2	TQ2	A2		03B			
20137		XA420	06			XA419	57			16B	9		P	MUA0CA	23	MDA0BB	01	1	TQ2	A1		05A		BIT D SWT ADR 0	
22308		XA420	06										J	MUA0CA	01	MUA0CA	00	1	TQ2	A1		05A		MDA0BB BUSS	
CONNECTOR		XA420	CONTINUED ON THE NEXT PAGE ****																						

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DRAWING NUMBER 149304-880 UNIT ASSEMBLY NO. 149304 REV G INDEX XA420

UNIT ASSEMBLY CARD CAGE WIRED, MCU CONNECTOR FILE IDENT T39AMCMU DATE 09-02-82 PAGE 361

RECORD NUMBER	PREFIX	CONNECTOR	PIN	SH FG	PREFIX	CONNECTOR	PIN	CH FG	MULTI GROUP	CODE	COLOR	IDENT	SPC INC MISC	SIGNAL	SEQ NO	EQUATION	TERM	FACTOR	OR CHIP TYPE	GROUP	POWER PLANE	TEST POINTS AND	TEST POINTS OR	SIGNAL DESCRIPTION	ECO NO
22383		XA420	07			XA420	05			16B	9			SPI022	25	MUA1CA	01	2	TQ2	A3		03A			
22309		XA420	08			XA420	04			16B	9			MUA000	003	MUA0CA	01	1	TQ2	A1		06A			G02
20142		XA420	09			XA420	15			16B	9		P	MUA1CA	03	MDA1BB	01	1	TQ2	A3		04B		BIT D SWT ADR 1	
22384		XA420	09										J	MUA1CA	01	MUA1CA	00	1	TQ2	A3		04B		MDA1BB BUSS	
22310		XA420	10			XA424	08			16B	9			SPI022	27	MUA0CA	01	2	TQ2	A1		07A			
22385		XA420	11			XA420	03			16B	9			MUA010	003	MUA1DA	01	1	TQ2	A4		05B			G02
11483		XA420	12											+5V	01				TQ2						
22386		XA420	13			XA420	07			16B	9			SPI022	24	MUA1DA	01	2	TQ2	A4		06B			
20148		XA420	14			XA314	54			16B	9		P	MUA2DA	06	MDA2BB	02	1	TQ2	B2		09A			
22403		XA420	14										J	MUA2DA	01	MUA2DA	00	1	TQ2	B2		09A		MDA2BB BUSS	
20143		XA420	15			XA418	20			16B	9		P	MUA1DA	04	MDA1BB	02	1	TQ2	A4		07B			
22387		XA420	15										J	MUA1DA	01	MUA1DA	00	1	TQ2	A4		07B		MDA1BB BUSS	
11484		XA420	16											GND	01				TQ2			01B			
22418		XA420	17			XA340	62			16B	9			MUA030	04	MUA3CA	01	1	TQ2	B3		08B			
22404		XA420	18			XA420	24			16B	9			MUA020	06	MUA2DA	01	1	TQ2	B2		10A			
22419		XA420	19			XA420	13			16B	9			SPI022	23	MUA3CA	01	2	TQ2	B3		09B			
22405		XA420	20			XA420	19			16B	9			SPI022	22	MUA2DA	01	2	TQ2	B2		11A			
20154		XA420	21			XA418	22			16B	9		P	MUA3CA	04	MDA3BB	01	1	TQ2	B3		10B		BIT D SWT ADR 3	
22420		XA420	21										J	MUA3CA	01	MUA3CA	00	1	TQ2	B3		10B		MDA3BB BUSS	
20149		XA420	22			XA420	14			16B	9		P	MUA2CA	05	MDA2BB	01	1	TQ2	B1		12A		BIT D SWT ADR 2	
22400		XA420	22										J	MUA2CA	01	MUA2CA	00	1	TQ2	B1		12A		MDA2BB BUSS	
22421		XA420	23			XA420	17			16B	9			MUA030	03	MUA3DA	01	1	TQ2	B4		11B			
22401		XA420	24			XA515	48			16B	9			MUA020	07	MUA2CA	01	1	TQ2	B1		13A			
22422		XA420	25			XA420	26			16B	9			SPI022	20	MUA3DA	01	2	TQ2	B4		12B			
22402		XA420	26			XA420	20			16B	9			SPI022	21	MUA2CA	01	2	TQ2	B1		14A			
20155		XA420	27			XA420	21			16B	9		P	MUA3DA	03	MDA3BB	02	1	TQ2	B4		13B			
22423		XA420	27										J	MUA3DA	01	MUA3DA	00	1	TQ2	B4		13B		MDA3BB BUSS	
11485		XA420	28											+5V	01				TQ2						
22454		XA420	29			XA340	48			16B	9			MUA050	005	MUA5CA	01	1	TQ2	C3		14B			G02
20160		XA420	30			XA419	19			16B	9		P	MUA4DA	04	MDA4BB	02	1	TQ2	C2		15A			
22439		XA420	30										J	MUA4DA	01	MUA4DA	00	1	TQ2	C2		15A		MDA4BB BUSS	
22455		XA420	31			XA420	25			16B	9			SPI022	19	MUA5CA	01	2	TQ2	C3		15B			
11486		XA420	32											GND	01				TQ2			20B			
20166		XA420	33			XA420	39			16B	9		P	MUA5CA	19	MDA5BB	01	1	TQ2	C3		16B		BIT D SWT ADR 5	
22456		XA420	33										J	MUA5CA	01	MUA5CA	00	1	TQ2	C3		16B		MDA5BB BUSS	
22440		XA420	34			XA340	54			16B	9			MUA040	005	MUA4DA	01	1	TQ2	C2		16A			G02
22457		XA420	35			XA420	29			16B	9			MUA050	003	MUA5DA	01	1	TQ2	C4		17B			G02
22441		XA420	36			XA420	37			16B	9			SPI022	17	MUA4DA	01	2	TQ2	C2		17A			
22458		XA420	37			XA420	31			16B	9			SPI022	18	MUA5DA	01	2	TQ2	C4		18B			
20161		XA420	38			XA420	30			16B	9		P	MUA4CA	03	MDA4BB	01	1	TQ2	C1		18A		BIT D SWT ADR 4	
22436		XA420	38										J	MUA4CA	01	MUA4CA	00	1	TQ2	C1		18A		MDA4BB BUSS	
20167		XA420	39			XA418	62			16B	9		P	MUA5DA	20	MDA5BB	02	1	TQ2	C4		19B			
22459		XA420	39										J	MUA5DA	01	MUA5DA	00	1	TQ2	C4		19B		MDA5BB BUSS	
22437		XA420	40			XA420	34			16B	9			MUA040	003	MUA4CA	01	1	TQ2	C1		19A			G02
22490		XA420	41			XA340	34			16B	9			MUA070	005	MUA7CA	01	1	TQ2	D3		22B			G02
22438		XA420	42			XA420	36			16B	9			SPI022	16	MUA4CA	01	2	TQ2	C1		20A			
22491		XA420	43			XA420	42			16B	9			SPI022	15	MUA7CA	01	2	TQ2	D3		23B			
11487		XA420	44											GND	01				TQ2			21B			
20178		XA420	45			XA419	22			16B	9		P	MUA7CA	04	MDA7BB	01	1	TQ2	D3		24B		BIT D SWT ADR 7	
22492		XA420	45										J	MUA7CA	01	MUA7CA	00	1	TQ2	D3		24B		MDA7BB BUSS	

CONNECTOR XA420) CONTINUED ON THE NEXT PAGE ****

RECORD NUMBER	FROM				TO				WIRE				SIGNAL	SEQ NO	EQUATION	TERM	FACTOR	CKT OR CHIP TYPE	GROUP	LOAD OR POWER PLANE	TEST POINTS	SIGNAL DESCRIPTION	ECO NO
	PREFIX	CONNECTOR	PIN	SH FG	PREFIX	CONNECTOR	PIN	SH FG	MULTI GROUP	CODE	COLOR	IDENT	SPC INST MISC										
20172		XA420	46			XA420	52			16B	9		P	MUA60A	01	MDA6BB	02	1	TQ2	D2		21A		
22475		XA420	46										J	MUA6DA	01	MUA6DA	00	1	TQ2	D2		21A	MDA6BB BUSS	
22493		XA420	47			XA420	41			16B	9			MUA070	003	MUA7DA	01	1	TQ2	D4		25B		G02
22476		XA420	48			XA340	40			16B	9			MUA060	005	MUA6DA	01	1	TQ2	D2		22A		G02
22494		XA420	49			XA420	43			16B	9			SPI022	14	MUA7DA	01	2	TQ2	D4		26B		
22477		XA420	50			XA420	49			16B	9			SPI022	13	MUA6DA	01	2	TQ2	D2		23A		
20179		XA420	51			XA420	45			16B	9		P	MUA7DA	03	MDA7BB	02	1	TQ2	D4		27B		
22495		XA420	51										J	MUA7DA	01	MUA7DA	00	1	TQ2	D4		27B	MDA7BB BUSS	
20173		XA420	52			XA416	54			16B	9		P	MUA6CA	02	MDA6BB	01	1	TQ2	D1		24A	BIT D SWT ADR 6	
22472		XA420	52										J	MUA6CA	01	MUA6CA	00	1	TQ2	D1		24A	MDA6BB BUSS	
22590		XA420	53			XA420	59			16B	9			MUB010	04	MUB1CA	01	1	TQ2	E3		28B		
22473		XA420	54			XA420	48			16B	9			MUA060	003	MUA6CA	01	1	TQ2	D1		25A		G02
22591		XA420	55			XA420	56			16B	9			SPI022	11	MUB1CA	01	2	TQ2	E3		29B		
22474		XA420	56			XA420	50			16B	9			SPI022	12	MUA6CA	01	2	TQ2	D1		26A		
20190		XA420	57			XA420	63			16B	9		P	MUB1CA	23	MDB1BB	01	1	TQ2	E3		30B	BIT B SWT ADR 1	
22592		XA420	57										J	MUB1CA	01	MUB1CA	00	1	TQ2	E3		30B	MDB1BB BUSS	
11488		XA420	58											GND	01				TQ2			27A		
22593		XA420	59			XA516	03			16B	9			MUB010	05	MUB1DA	01	1	TQ2	E4		31B		
20184		XA420	60			XA419	07			16B	9		P	MUB0DA	02	MDB0BB	02	1	TQ2	E2		28A		
22519		XA420	60										J	MUB0DA	01	MUB0DA	00	1	TQ2	E2		28A	MDB0BB BUSS	
22594		XA420	61			XA420	55			16B	9			SPI022	10	MUB1DA	01	2	TQ2	E4		32B		
22520		XA420	62			XA420	68			16B	9			MUB000	04	MUB0DA	01	1	TQ2	E2		29A		
20191		XA420	63										P	MUB1DA	24	MDB1BB	02	1	TQ2	E4		33B		
22595		XA420	63										J	MUB1DA	01	MUB1DA	00	1	TQ2	E4		33B	MDB1BB BUSS	
22521		XA420	64			XA420	61			16B	9			SPI022	09	MUB0DA	01	2	TQ2	E2		30A		
22626		XA420	65							16B	9			MUB030	04	MUB3CA	01	1	TQ2	F3		34B		G02
20185		XA420	66			XA420	60			16B	9		P	MUB0CA	01	MDB0BB	01	1	TQ2	E1		31A	BIT B SWT ADR 0	
22516		XA420	66										J	MUB0CA	01	MUB0CA	00	1	TQ2	E1		31A	MDB0BB BUSS	
11489		XA420	67											GND	01				TQ2			40A		
22517		XA420	68			XA516	04			16B	9			MUB000	05	MUB0CA	01	1	TQ2	E1		32A		
20202		XA420	69			XA419	04			16B	9		P	MUB3CA	02	MDB3BB	01	1	TQ2	F3		35A	BIT B SWT ADR 3	
22627		XA420	69										J	MUB3CA	01	MUB3CA	00	1	TQ2	F3		35A	MDB3BB BUSS	
22518		XA420	70			XA420	64			16B	9			SPI022	08	MUB0CA	01	2	TQ2	E1		33A		
22611		XA420	71							16B	9			MUB020	04	MUB2DA	01	1	TQ2	F2		36A		G02
20196		XA420	72			XA420	75			16B	9		P	MUB2DA	01	MDB2BB	02	1	TQ2	F2		34A		
22612		XA420	72										J	MUB2DA	01	MUB2DA	00	1	TQ2	F2		34A	MDB2BB BUSS	
22613		XA420	73			XA420	79			16B	9			SPI022	04	MUB2DA	01	2	TQ2	F2		36B		
22628		XA420	74			XA420	70			16B	9			SPI022	07	MUB3CA	01	2	TQ2	F3		35B		
20197		XA420	75			XA419	03			16B	9		P	MUB2CA	02	MDB2BB	01	1	TQ2	F1		37B	BIT B SWT ADR 2	
22608		XA420	75										J	MUB2CA	01	MUB2CA	00	1	TQ2	F1		37B	MDB2BB BUSS	
22629		XA420	76			XA420	65			16B	9			MUB030	03	MUB3DA	01	1	TQ2	F4		37A		
22609		XA420	77			XA420	71			16B	9			MUB020	03	MUB2CA	01	1	TQ2	F1		38B		
22630		XA420	78			XA420	74			16B	9			SPI022	06	MUB3DA	01	2	TQ2	F4		38A		
22610		XA420	79			XA420	78			16B	9			SPI022	05	MUB2CA	01	2	TQ2	F1		39B		
20203		XA420	80			XA420	69			16B	9		P	MUB3DA	01	MDB3BB	02	1	TQ2	F4		39A		
22631		XA420	80										J	MUB3DA	01	MUB3DA	00	1	TQ2	F4		39A	MDB3BB BUSS	
11490		XA421	01											DNW	01				RR1					
11491		XA421	02											GND	01				RR1					
CONNECTOR XA421) CONTINUED ON THE NEXT PAGE ****																								

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DRAWING NUMBER 149304-880 UNIT ASSEMBLY NO. 149304 REV G INDEX XA421

UNIT ASSEMBLY CARD CAGE WIRED, MCU CONNECTOR FILE IDENT T39AMCMU DATE 09-02-82 PAGE 363

RECORD NUMBER	FROM PREFIX	FROM CONNECTOR	FROM PIN	FROM SH FG	TO PREFIX	TO CONNECTOR	TO PIN	TO SH FG	WIRE MULT GROUP	WIRE CODE	WIRE COLOR	WIRE IDENT	SPEC INST MISC	SIGNAL	SEQ NO	EQUATION	TERM FACTOR	CKT OR CHIP TYPE	GROUP	LOAD OR POWER PLANE	TEST POINTS AND	TEST POINTS OR	SIGNAL DESCRIPTION	ECO NO
11492		XA421	03			XA421	04			18D	2			+05RES	66			RR1	AP					
11493		XA421	04			XA330	79			18D	2			+05RES	67			RR1	AP					
11494		XA421	05			XA236	29			16B	9			MFOTWA1	01			RR1	A1					
11495		XA421	06			XA237	62			16B	9			WMBA3A1	02			RR1	A2					
11496		XA421	07			XA237	53			16B	9			WMBA2A1	02			RR1	A3					
11497		XA421	08			XA237	59			16B	9			WMBA1A1	02			RR1	A4					
11498		XA421	09			XA237	77			16B	9			WMBA0A1	02			RR1	A5					
11499		XA421	10											SPR	03			RR1	A6					
11500		XA421	11											DNW	01			RR1						
11501		XA421	12											+5V	01			RR1						
11502		XA421	13			XA421	03			18D	2			+05RES	65			RR1	BP					
11503		XA421	14			XA421	13			18D	2			+05RES	64			RR1	BP					
11504		XA421	15											DNW	01			RR1					KEYWAY	
11505		XA421	16											DNW	01			RR1					KEYWAY	
11506		XA421	17											SPR	01			RR1	B1					
11507		XA421	18			XA236	40			16B	9			WM0F0A1	02			RR1	B2					
11508		XA421	19			XA322	37			16B	9			MCENE01	10			RR1	B3					
11509		XA421	20			XA326	11			16B	9			MCENAP1	01			RR1	B4					
11510		XA421	21			XA421	22			18D	2			+05RES	62			RR1	CP					
11511		XA421	22			XA421	14			18D	2			+05RES	63			RR1	CP					
11512		XA421	23											MPPBMR1	04			RR1	C1					
11513		XA421	24			XA322	43			16B	9			MDENE01	10			RR1	B5					
11514		XA421	25											SPR	01			RR1	C2					
11515		XA421	26											SPR	01			RR1	B6					
11516		XA421	27											DNW	01			RR1					KEYWAY	
11517		XA421	28											DNW	01			RR1					KEYWAY	
11518		XA421	29											SPR	01			RR1	C3					
11519		XA421	30			XA434	33			16B	9			MCSBRA1	01			RR1	C4					
11520		XA421	31											DNW	01			RR1						
11521		XA421	32											GND	01			RR1						
11522		XA421	33			XA421	21			18D	2			+05RES	61			RR1	DP					
11523		XA421	34			XA421	33			18D	2			+05RES	60			RR1	DP					
11524		XA421	35											MDHLDR1	06			RR1	D1					
11525		XA421	36			XA430	19			16B	9			MCHLDR1	01			RR1	C6					
11526		XA421	37			XA432	09			16B	9			MCCTSA1	01			RR1	D2					
11527		XA421	38			XA434	45			16B	9			MDSBRA1	01			RR1	C5					
11528		XA421	39			XA432	15			16B	9			MDCTSA1	01			RR1	D3					
11529		XA421	40			XA433	06			16B	9			MCYMIA1	01			RR1	D4					
11530		XA421	41											SPR	01			RR1	E1					
11531		XA421	42			XA433	01			16B	9			MDYMIA1	01			RR1	D5					
11532		XA421	43											DNW	01			RR1						
11533		XA421	44											GND	01			RR1						
11534		XA421	45											SPR	01			RR1	E2					
11535		XA421	46											SPR	01			RR1	D6					
11536		XA421	47			XA429	06			16B	9			MCY06A1	01			RR1	E3					
11537		XA421	48			XA429	01			16B	9			MCY07A1	01			RR1	E4					
11538		XA421	49			XA421	50			18D	2			+05RES	58			RR1	EP					
11539		XA421	50			XA421	34			18D	2			+05RES	59			RR1	EP					
11540		XA421	51			XA429	22			16B	9			MDY06A1	01			RR1	F1					
11541		XA421	52			XA429	09			16B	9			MCY08A1	01			RR1	E5					
CONNECTOR XA421) CONTINUED ON THE NEXT PAGE ****																								

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DRAWING NUMBER 149304-880 UNIT ASSEMBLY NO. 149304 REV G INDEX XA421

UNIT ASSEMBLY CARD CAGE WIRED, MCU CONNECTOR FILE IDENT T39AMCMU DATE 09-02-82 PAGE 364

RECORD NUMBER	FROM PREFIX	FROM CONNECTOR	FROM PIN	FROM SH FG	TO PREFIX	TO CONNECTOR	TO PIN	TO SH FG	WIRE MULTI GROUP	WIRE CODE	WIRE COLOR	WIRE IDENT	SPC TEST MISC	SIGNAL	SEC NO	EQUATION	TERM	FACTOR	CNT OR CHIP TYPE	GROUP	LOAD CP POWER PLANE	TEST POINTS AND/OR	SIGNAL DESCRIPTION	ECO NO
11542		XA421	53			XA429	14			16B	9			MDY07A1	01				RR1	F2				
11543		XA421	54			XA429	15			16B	9			MCY09A1	01				RR1	E6				
11544		XA421	55			XA429	21			16B	9			MDY08A1	01				RR1	F3				
11545		XA421	56			XA429	27			16B	9			MDY09A1	01				RR1	F4				
11546		XA421	57											DNW	01				RR1					
11547		XA421	58											GND	01				RR1					
11548		XA421	59			XA421	49			18D	2			+05RES	57				RR1	FP				
11549		XA421	60			XA421	59			18D	2			+05RES	56				RR1	FP				
11550		XA421	61											MPPDSA1	02				RR1	G1				
11551		XA421	62			XA430	11			16B	9			MPPCSA1	04				RR1	F5				
11552		XA421	63			XA431	77			16B	9			MDREQR1	00				RR1	G2				
11553		XA421	64			XA106	07			18B	9			MCOSCA1	01				RR1	F6			MTS OSC CONTROL	
11554		XA421	65			XA431	73			16B	9			MPCDRA1	01				RR1	G3				
11555		XA421	66											MCREQR1	04				RR1	G4				
11556		XA421	67			XA421	79			16B	9			GND1K	01				RR1					
11557		XA421	67											GND	01				RR1					
11558		XA421	68											DNW	01				RR1					
11559		XA421	69			XA421	70			18D	2			+05RES	54				RR1	GP				
11560		XA421	70			XA421	60			18D	2			+05RES	55				RR1	GP				
11561		XA421	71											SPR	01				RR1	H1				
11562		XA421	72											SPR	01				RR1	G5				
11563		XA421	73											SPR	01				RR1	H2				
11564		XA421	74											SPR	01				RR1	G6				
11565		XA421	75											SPR	01				RR1	H3				
11566		XA421	76			XA331	39			16B	9			MDGNDB1	01				RR1	H4				
11567		XA421	77			XA421	78			16B	9			MDDDGND	02				RR1	H5				
11568		XA421	78											MDDDGND	03				RR1	H6				
11569		XA421	79			XA421	80			16B	9			GND1K	02				RR1	HP				
11570		XA421	80											GND1K	03				RR1	HP				
20904		XA422	01											MDY27DX	02	MDY27DX	00	1	DCF	A7		02A	27 BIT PORT D I/O	
11571		XA422	02											GND	01				DCF			01A		
11572		XA422	02										K	GROUND	35C				DCF			01A		
20906		XA422	03			XA327	13			16B	9			MDY27OX	02	MDY27OX	00	1	DCF	A8		03A	27 BIT PORT D	
20907		XA422	04			XA317	61			16B	9			MRD27P	02	MDY27OX	01	1	DCF	A8		04A		
11573		XA422	05			XA422	02			16B	9			GROUND	35				DCF					
20892		XA422	06			XA423	06			16B	9			MDREDA	02	MDY24DX	01	1	DCF	A1		05A		
20896		XA422	06										M	MDREDA	01	MDY25DX	01	1	DCF	A3		05A		
20900		XA422	06										M	MDREDA	01	MDY26DX	01	1	DCF	A5		05A		
20905		XA422	06										M	MDREDA	01	MDY27DX	01	1	DCF	A7		05A		
20893		XA422	07											MDY24DX	02	MDY24DX	00	1	DCF	A1		02B	24 BIT PORT D I/O	
20902		XA422	08			XA425	54			16B	9			MRD26P	05	MDY26OX	01	1	DCF	A6		06A		
20894		XA422	09											MDY24OX	02	MDY24OX	00	1	DCF	A2		03B	24 BIT PORT D	
20903		XA422	10			XA327	07			16B	9			MDY26OX	02	MDY26OX	00	1	DCF	A6		07A	26 BIT PORT D	
20895		XA422	11			XA425	49			16B	9			MRD24P	05	MDY24OX	01	1	DCF	A2		04B		
11574		XA422	12											+5V	01				DCF			08A		
20898		XA422	13			XA317	64			16B	9			MRD25P	02	MDY25OX	01	1	DCF	A4		05B		
20901		XA422	14											MDY26DX	02	MDY26DX	00	1	DCF	A5		08B	26 BIT PORT D I/O	
20899		XA422	15											MDY25OX	02	MDY25OX	00	1	DCF	A4		06B	25 BIT PORT D	
CONNECTOR	XA422	CONTINUED ON THE NEXT PAGE ****																						

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RECORD NUMBER	FROM PREFIX	FROM CONNECTOR	FROM PIN	FROM SH FG	TO PREFIX	TO CONNECTOR	TO PIN	TO SH FG	WIRE MULTI GROUP	WIRE CODE	WIRE COLOR	WIRE IDENT	SPEC INST MISC	SIGNAL	SEQ NO	EQUATION	TERM	FACTOR	CKT OR CHIP TYPE	GROUP	LOAD OR POWER FLAGS	TEST POINTS AND	TEST POINTS OR	SIGNAL DESCRIPTION	ECO NO
11575		XA422	16											GND	01				DCF						
11576		XA422	16			XA422	21			16B	9			GROUND	353				DCF						
20897		XA422	17											MDY25DX	02	MDY25DX	00	1	DCF	A3			07B	25 BIT PORT D I/O	
11577		XA422	18											SPP	01				DCF						
11578		XA422	19			XA422	16			16B	9			GROUND	35L				DCF						
11579		XA422	20											SPP	01				DCF						
11580		XA422	21										K	GROUND	355				DCF						
11581		XA422	22											SPP	01				DCF						
20920		XA422	23											MDY31DX	02	MDY31DX	00	1	DCF	B7			10A	31 BIT PORT D I/O	
11582		XA422	24											SPP	01				DCF						
11583		XA422	25			XA422	32			16B	9			GROUND	36				DCF						
11584		XA422	26											SPP	01				DCF						
20908		XA422	27											MDY28DX	02	MDY28DX	00	1	DCF	B1			10B	28 BIT PORT D I/O	
11585		XA422	28											+5V	01				DCF				21B		
20910		XA422	29											MDY28OX	02	MDY28OX	00	1	DCF	B2			11B	28 BIT PORT D	
20922		XA422	30											MDY31OX	02	MDY31OX	00	1	DCF	B8			11A	31 BIT PORT D	
20911		XA422	31			XA425	71			16B	9			MRD28P	05	MDY28OX	01	1	DCF	B2			12B		
11586		XA422	32											GND	01				DCF						
11587		XA422	32			XA422	39			16B	9			GROUND	36C				DCF						
20914		XA422	33			XA317	73			16B	9			MRD29P	02	MDY29OX	01	1	DCF	B4			13B		
20923		XA422	34			XA317	78			16B	9			MRD31P	02	MDY31OX	01	1	DCF	B8			12A		
20915		XA422	35											MDY29OX	02	MDY29OX	00	1	DCF	B4			14B	29 BIT PORT D	
20909		XA422	36			XA422	52			16B	9			MDREDA	05	MDY28DX	01	1	DCF	B1			13A		
20912		XA422	36										M	MDREDA	01	MDY29DX	01	1	DCF	B3			13A		
20916		XA422	36										M	MDREDA	01	MDY30DX	01	1	DCF	B5			13A		
20921		XA422	36										M	MDREDA	01	MDY31DX	01	1	DCF	B7			13A		
20913		XA422	37											MDY29DX	02	MDY29DX	00	1	DCF	B3			15B	29 BIT PORT D I/O	
20918		XA422	38			XA317	74			16B	9			MRD30P	02	MDY30OX	01	1	DCF	B6			14A		
11588		XA422	39										K	GROUND	36L				DCF						
20919		XA422	40											MDY30OX	02	MDY30OX	00	1	DCF	B6			15A	30 BIT PORT D	
20917		XA422	41											MDY30DX	02	MDY30DX	00	1	DCF	B5			16A	30 BIT PORT D I/O	
11589		XA422	42			XA422	44			16B	9			GROUND	363				DCF				20B		
11590		XA422	43											SPO	01		00	1	DCF	C7			25A		
11591		XA422	44											GND	01				DCF						
11592		XA422	44			XA422	45			16B	9			GROUND	365				DCF						
11593		XA422	45										K	GROUND	37				DCF				27A		
20764		XA422	46											MDYOPDX	02	MDYOPDX	00	1	DCF	C1			25B	PRTY BIT PRT D I/O	
20766		XA422	47											MDYOPOX	02	MDYOPOX	00	1	DCF	C2			26B	PARITY BIT PORT D	
11594		XA422	48											SPO	01		00	1	DCF	C8			26A		
20767		XA422	49			XA424	11			16B	9			MRDOPP	01	MDYOPOX	01	1	DCF	C2			27B		
11595		XA422	50											SPI018	32		01	1	DCF	C8			28A		
20733		XA422	51											MMACCO	05	MDYAPOX	01	1	DCF	C4			28B		
20731		XA422	52										M	MDREDA	01	MDYAPDX	01	1	DCF	C3			29A		
20765		XA422	52			XA423	52			16B	9			MDREDA	06	MDYOPDX	01	1	DCF	C1			29A		
11596		XA422	53			XA422	58			16B	9			GROUND	37C				DCF						
11597		XA422	54			XA420	73			16B	9			SPI022	02		01	1	DCF	C6			30A		
20732		XA422	55											MDYAPDX	02	MDYAPDX	00	1	DCF	C3			30B	ACCEPT PORT D I/O	
20734		XA422	56										M	MDYAPOX	01	MDYAPOX	00	1	DCF	C4			29B	ACCEPT PORT D	
11598		XA422	57											SPO	01		00	1	DCF	C6			31A		
11599		XA422	58											GND	01				DCF						

CONNECTOR XA422) CONTINUED ON THE NEXT PAGE ****

RECORD NUMBER	FROM PREFIX	FROM CONNECTOR	FROM PIN	FROM SH FG	TO PREFIX	TO CONNECTOR	TO PIN	TO SH FG	WIRE MULTI GROUP	WIRE CODE	WIRE COLOR	WIRE IDENT	SPEC INST MISC	SIGNAL	SEQ NO	EQUATION	TERM	FACTOR	CKT OR CHIP TYPE	GRAV	LOAD OR POWER PLANE	TEST POINTS LAND	TEST POINTS DP	SIGNAL DESCRIPTION	ECO NO
11600		XA422	58			XA422	59			16B	9			GROUND	37L				DCF						
11601		XA422	59										K	GROUND	373				DCF						
11602		XA422	60											SPO	01		00	1	DCF	C5		31B			
20749		XA422	61			XA401	79			16B	9			MDYPFDX	01	MDYPFDX	00	1	DCF	D7		33A		PWR FAIL PRT D I/O	
11603		XA422	62											SPP	01				DCF						
11604		XA422	63											SPP	01				DCF						
11605		XA422	64											SPP	01				DCF						
20727		XA422	65											MDYACDX	02	MDYACDX	00	1	DCF	D1		32B		ADR CNTR PRT D I/O	
11606		XA422	66											SPP	01				DCF						
11607		XA422	67											GND	01				DCF						
11608		XA422	67			XA422	79			16B	9			GROUND	38				DCF						
11609		XA422	68											SPO	03		00	1	DCF	D8		34A		MASTER RST PORT D	
20729		XA422	69											MDYAC0X	03	MDYAC0X	00	1	DCF	D2		33B		ADR CNTR PRT D	
11610		XA422	70			XA424	34			16B	9			SPI006	10		01	1	DCF	D8		35A			
20730		XA422	71			XA422	73			16B	9			MDGNDB1	004	MDYAC0X	01	1	DCF	D2		34B			
20728		XA422	72											MMYPFA	04	MDYACDX	01	1	DCF	D1		36A			
20738		XA422	72										M	MMYPFA	01	MDYHCDX	01	1	DCF	D3		36A			
20745		XA422	72										M	MMYPFA	01	MDYMIDX	01	1	DCF	D5		36A			
20750		XA422	72										M	MMYPFA	01	MDYPFDX	01	1	DCF	D7		36A			
20740		XA422	73			XA422	74			16B	9			MDGNDB1	006	MDYHC0X	01	1	DCF	D4		35B			
20747		XA422	74			XA421	76			16B	9			MDGNDB1	008	MDYMI0X	01	1	DCF	D6		37A			
20741		XA422	75											MDYHC0X	03	MDYHC0X	00	1	DCF	D4		36B		HLD CONTROL PRT D	
20748		XA422	76											MDYMI0X	02	MDYMI0X	00	1	DCF	D6		38A		INHIBIT PORT D	
11611		XA422	77			XA422	67			16B	9			GROUND	375				DCF						
20739		XA422	78											MDYHCDX	02	MDYHCDX	00	1	DCF	D3		37B		HLD CNTRL PT D I/O	
11612		XA422	79										K	GROUND	38C				DCF			40B			
20746		XA422	80			XA401	67			16B	9			MDYMIDX	01	MDYMIDX	00	1	DCF	D5		38B		INHIBIT PORT D I/O	
20834		XA423	01											MDY11DX	02	MDY11DX	00	1	DCF	A7		02A		11 BIT PORT D I/O	
11613		XA423	02											GND	01				DCF			01A			
11614		XA423	02										K	GROUND	383				DCF			01A			
20836		XA423	03											MDY110X	04	MDY110X	00	1	DCF	A8		03A		11 BIT PORT D	
20837		XA423	04			XA426	50			16B	9			MRD11P	05	MDY110X	01	1	DCF	A8		04A			
11615		XA423	05			XA423	02			16B	9			GROUND	38L				DCF						
20812		XA423	06			XA423	36			16B	9			MDREDA	03	MDY08DX	01	1	DCF	A1		05A			
20820		XA423	06										M	MDREDA	01	MDY09DX	01	1	DCF	A3		05A			
20827		XA423	06										M	MDREDA	01	MDY10DX	01	1	DCF	A5		05A			
20835		XA423	06										M	MDREDA	01	MDY11DX	01	1	DCF	A7		05A			
20813		XA423	07			XA401	19			16B	9			MDY08DX	01	MDY08DX	00	1	DCF	A1		02B		08 BIT PORT D I/O	
20829		XA423	08			XA426	54			16B	9			MRD10P	05	MDY100X	01	1	DCF	A6		06A			
20814		XA423	09											MDY08QX	03	MDY08QX	00	1	DCF	A2		03B		08 BIT PORT D	
20830		XA423	10			XA429	54			16B	9			MDY100X	03	MDY100X	00	1	DCF	A6		07A		10 BIT PORT D	
20815		XA423	11			XA324	76			16B	9			MRD08P	02	MDY08QX	01	1	DCF	A2		04B			
11616		XA423	12											+5V	01				DCF			08A			
20822		XA423	13			XA318	70			16B	9			MRD09P	02	MDY09QX	01	1	DCF	A4		05B			
20828		XA423	14											MDY10DX	02	MDY10DX	00	1	DCF	A5		08B		10 BIT PORT D I/O	
20823		XA423	15											MDY09QX	03	MDY09QX	00	1	DCF	A4		06B		09 BIT PORT D	
11617		XA423	16											GND	01				DCF						
11618		XA423	16			XA423	21			16B	9			GROUND	39				DCF						
CONNECTOR XA423) CONTINUED ON THE NEXT PAGE ****																									

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DRAWING NUMBER 149304-880 UNIT ASSEMBLY NO. 149304 REV G INDEX XA423

UNIT ASSEMBLY CARD CAGE WIRED, MCU CONNECTOR FILE IDENT T39AMCMU DATE 09-02-82 PAGE 367

RECORD NUMBER	FROM			SHIELD	TO			SHIELD	WIRE			SPECIAL MISC	SIGNAL	SEQ NO	EQUATION	TERM FACTOR		CKT OR CHIP TYPE	GROUP	LOAD OR POWER PLANE	TEST POINTS AND/OR	SIGNAL DESCRIPTION	ECO NO
	PREFIX	CONNECTOR	PIN		PREFIX	CONNECTOR	PIN		MULTI GROUP	CODE	COLOR	IDENT											
20821		XA423	17			XA401	21			16B	9			MDY09DX	01	MDY09DX	00	1	DCF	A3		07B	09 BIT PORT D I/O	
11619		XA423	18											SPP	01				DCF					
11620		XA423	19			XA423	16			16B	9			GROUND	385				DCF					
11621		XA423	20											SPP	01				DCF					
11622		XA423	21										K	GROUND	39C				DCF					
11623		XA423	22											SPP	01				DCF					
20856		XA423	23											MDY15DX	02	MDY15DX	00	1	DCF	B7		10A	15 BIT PORT D I/O	
11624		XA423	24											SPP	01				DCF					
11625		XA423	25			XA423	32			16B	9			GROUND	39L				DCF					
11626		XA423	26											SPP	01				DCF					
20841		XA423	27											MDY12DX	02	MDY12DX	00	1	DCF	B1		10B	12 BIT PORT D I/O	
11627		XA423	28											+5V	01				DCF			21B		
20843		XA423	29											MDY120X	04	MDY120X	00	1	DCF	B2		11B	12 BIT PORT D	
20858		XA423	30											MDY150X	02	MDY150X	00	1	DCF	B8		11A	15 BIT PORT D	
20844		XA423	31			XA426	71			16B	9			MRD12P	05	MDY120X	01	1	DCF	B2		12B		
11628		XA423	32											GND	01				DCF					
11629		XA423	32			XA423	39			16B	9			GROUND	393				DCF					
20850		XA423	33			XA426	73			16B	9			MRD13P	05	MDY130X	01	1	DCF	B4		13B		
20859		XA423	34			XA426	70			16B	9			MRD15P	05	MDY150X	01	1	DCF	B8		12A		
20851		XA423	35											MDY130X	04	MDY130X	00	1	DCF	B4		14B	13 BIT PORT D	
20842		XA423	36			XA422	36			16B	9			MDREDA	04	MDY120X	01	1	DCF	B1		13A		
20848		XA423	36										M	MDREDA	01	MDY130X	01	1	DCF	B3		13A		
20852		XA423	36										M	MDREDA	01	MDY140X	01	1	DCF	B5		13A		
20857		XA423	36										M	MDREDA	01	MDY150X	01	1	DCF	B7		13A		
20849		XA423	37											MDY13DX	02	MDY13DX	00	1	DCF	B3		15B	13 BIT PORT D I/O	
20854		XA423	38			XA426	74			16B	9			MRD14P	05	MDY140X	01	1	DCF	B6		14A		
11630		XA423	39										K	GROUND	395				DCF					
20855		XA423	40											MDY140X	02	MDY140X	00	1	DCF	B6		15A	14 BIT PORT D	
20853		XA423	41											MDY14DX	02	MDY14DX	00	1	DCF	B5		16A	14 BIT PORT D I/O	
11631		XA423	42			XA423	44			16B	9			GROUND	40				DCF			20B		
20872		XA423	43											MDY19DX	02	MDY19DX	00	1	DCF	C7		25A	19 BIT PORT D I/O	
11632		XA423	44											GND	01				DCF					
11633		XA423	44			XA423	45			16B	9			GROUND	40C				DCF					
11634		XA423	45										K	GROUND	40L				DCF			27A		
20860		XA423	46											MDY16DX	02	MDY16DX	00	1	DCF	C1		25B	16 BIT PORT D I/O	
20862		XA423	47											MDY160X	02	MDY160X	00	1	DCF	C2		26B	16 BIT PORT D	
20874		XA423	48											MDY190X	02	MDY190X	00	1	DCF	C8		26A	19 BIT PORT D	
20863		XA423	49			XA425	11			16B	9			MRD16P	01	MDY160X	01	1	DCF	C2		27B		
20875		XA423	50			XA425	04			16B	9			MRD19P	01	MDY190X	01	1	DCF	C8		28A		
20866		XA423	51											MRD17P	06	MDY170X	01	1	DCF	C4		28B		
20861		XA423	52			XA424	52			16B	9			MDREDA	07	MDY16DX	01	1	DCF	C1		29A		
20864		XA423	52										M	MDREDA	01	MDY17DX	01	1	DCF	C3		29A		
20868		XA423	52										M	MDREDA	01	MDY18DX	01	1	DCF	C5		29A		
20873		XA423	52										M	MDREDA	01	MDY19DX	01	1	DCF	C7		29A		
11635		XA423	53			XA423	58			16B	9			GROUND	403				DCF					
20870		XA423	54			XA425	08			16B	9			MRD18P	01	MDY180X	01	1	DCF	C6		30A		
20865		XA423	55											MDY17DX	02	MDY17DX	00	1	DCF	C3		30B	17 BIT PORT D I/O	
20867		XA423	56											MDY170X	02	MDY170X	00	1	DCF	C4		29B	17 BIT PORT D	
20871		XA423	57											MDY180X	02	MDY180X	00	1	DCF	C6		31A	18 BIT PORT D	
11636		XA423	58											GND	01				DCF					
CONNECTOR (XA423) CONTINUED ON THE NEXT PAGE ****																								

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DRAWING NUMBER 149304-880 UNIT ASSEMBLY NO. 149304 REV G INDEX XA423

UNIT ASSEMBLY CARD CAGE WIRED, MCU CONNECTOR FILE IDENT T39AMCMU DATE 09-02-82 PAGE 368

RECORD NUMBER	FROM PREFIX	FROM CONNECTOR	FROM PIN	FROM SH FG	TO PREFIX	TO CONNECTOR	TO PIN	TO SH FG	WIRE MULTI GROUP	WIRE CODE	WIRE COLOR	WIRE IDENT	SPC TEST MISC	SIGNAL	SEC NO	EQUATION	TERM	FACTOR	CKT OR CHIP TYPE	GROUP	LOAD CP POWER PLANE	TEST POINTS AND/OR	SIGNAL DESCRIPTION	ECO NO
11637		XA423	58			XA423	59			16B	9			GROUND	405				DCF					
11638		XA423	59										K	GROUND	41				DCE					
20869		XA423	60											MDY18DX	02	MDY18DX	00	1	DCF	C5		31B	18 BIT PORT D I/O	
20888		XA423	61											MDY23DX	02	MDY23DX	00	1	DCE	D7		33A	23 BIT PORT D I/O	
11639		XA423	62											SPP	01				DCF					
11640		XA423	63											SPP	01				DCE					
11641		XA423	64											SPP	01				DCF					
20876		XA423	65											MDY20DX	02	MDY20DX	00	1	DCE	D1		32B	20 BIT PORT D I/O	
11642		XA423	66											SPP	01				DCF					
11643		XA423	67											GND	01				DCE					
11644		XA423	67			XA423	79			16B	9			GROUND	41L				DCF					
20890		XA423	68											MDY23DX	02	MDY23DX	00	1	DCE	D8		34A	23 BIT PORT D	
20878		XA423	69											MDY20DX	02	MDY20DX	00	1	DCF	D2		33B	20 BIT PORT D	
20891		XA423	70											MRD23P	06	MDY23DX	01	1	DCE	D8		35A		
20879		XA423	71			XA425	31			16B	9			MRD20P	01	MDY20DX	01	1	DCF	D2		34B		
20877		XA423	72											MDREDA	10	MDY20DX	01	1	DCE	D1		34A		
20880		XA423	72										M	MDREDA	01	MDY21DX	01	1	DCF	D3		36A		
20884		XA423	72										M	MDREDA	01	MDY22DX	01	1	DCE	D5		36A		
20889		XA423	72										M	MDREDA	01	MDY23DX	01	1	DCF	D7		36A		
20882		XA423	73			XA425	33			16B	9			MRD21P	01	MDY21DX	01	1	DCE	D4		35B		
20886		XA423	74											MRD22P	06	MDY22DX	01	1	DCF	D6		37A		
20883		XA423	75											MDY21DX	02	MDY21DX	00	1	DCE	D4		36B	21 BIT PORT D	
20887		XA423	76											MDY22DX	02	MDY22DX	00	1	DCF	D6		38A	22 BIT PORT D	
11645		XA423	77			XA423	67			16B	9			GROUND	41C				DCE					
20881		XA423	78											MDY21DX	02	MDY21DX	00	1	DCF	D3		37B	21 BIT PORT D I/O	
11646		XA423	79										K	GROUND	413				DCE			40B		
20885		XA423	80											MDY22DX	02	MDY22DX	00	1	DCF	D5		38B	22 BIT PORT D I/O	
11647		XA424	01											SPO	01		00	1	DCE	A7		03A		
11648		XA424	02											GND	01				DCF			01A		
11649		XA424	02										K	GROUND	42				DCE			01A		
11650		XA424	03											SPO	01		00	1	DCF	A8		03A		
11651		XA424	04			XA422	50			16B	9			SPIO18	31		01	1	DCE	A8		04A		
11652		XA424	05			XA424	02			16B	9			GROUND	415				DCF					
19935		XA424	06										M	MCREDA	01	MCYAPDX	01	1	DCE	A3		05A		
19967		XA424	06			XA425	06			16B	9			MCREDA	07	MCYOPDX	01	1	DCF	A1		05A		
19968		XA424	07			XA402	01			16B	9			MCYOPDX	01	MCYOPDX	00	1	DCE	A1		02B	PRTY BIT PRT C I/O	
11653		XA424	08			XA341	79			16B	9			SPIO22	28		01	1	DCF	A6		06A		
19969		XA424	09											MCYOPDX	02	MCYOPDX	00	1	DCE	A2		03B	PARIY BIT PORT C	
11654		XA424	10											SPO	01		00	1	DCF	A6		07A		
19970		XA424	11			XA326	69				9			MRDOPP	02	MCYOPDX	01	1	DCE	A2		04B		
11655		XA424	12							18D	2			+5V	01				DCF			08A		
19937		XA424	13			XA422	51			16B	9			MMACCO	04	MCYAPDX	01	1	DCE	A4		05B		
11656		XA424	14											SPO	01		00	1	DCF	A5		08B		
19938		XA424	15										M	MCYAPDX	01	MCYAPDX	00	1	DCE	A4		06B	ACCEPT PORT C	
11657		XA424	16											GND	01				DCF					
11658		XA424	16			XA424	21			16B	9			GROUND	421				DCE					
19936		XA424	17											MCYAPDX	02	MCYAPDX	00	1	DCF	A3		07B	ACCEPT PORT C I/O	
11659		XA424	18											SPP	01				DCE					

CONNECTOR (XA424) CONTINUED ON THE NEXT PAGE ****

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RECORD NUMBER	FROM PREFIX	FROM CONNECTOR	FROM PIN	FROM SH FG	TO PREFIX	TO CONNECTOR	TO PIN	TO SH FG	WIRE MULTI GROUP	WIRE CODE	WIRE COLOR	WIRE IDENT	SPC INST MISC	SIGNAL	SPC NO	EQUATION	TERM	FACTOR	CKT OR CHIP TYPE	GROUP	LOAD OR POWER PLANS	TEST POINTS AND	TEST POINTS OR	SIGNAL DESCRIPTION	ECO NO
11660		XA424	19			XA424	16			16B	9			GROUND	42C				DCF						
11661		XA424	20											SPP	01				DCF						
11662		XA424	21										K	GROUND	423				DCF						
11663		XA424	22											SPP	01				DCF						
19953		XA424	23			XA402	79			16B	9			MCYPFDX	01	MCYPFDX	00	1	DCF	B7		10A		PWR FAIL PRT C I/O	
11664		XA424	24											SPP	01				DCF						
11665		XA424	25			XA424	32			16B	9			GROUND	425				DCF						
11666		XA424	26											SPP	01				DCF						
19931		XA424	27											MCYACDX	02	MCYACDX	00	1	DCF	B1		10B		ADR CONT PRT C I/O	
11667		XA424	28											+5V	01				DCF			21B			
19933		XA424	29											MCYACOX	03	MCYACOX	00	1	DCF	B2		11B		ADR CONT PORT C	
11668		XA424	30											SPO	03		00	1	DCF	B8		11A		MSTR RST PRT C	
19934		XA424	31			XA424	33			16B	9			MDGNDB1	00R	MCYACOX	01	1	DCF	B2		12B			
11669		XA424	32											GND	01				DCF						
11670		XA424	32			XA424	39			16B	9			GROUND	43				DCF						
19944		XA424	33			XA424	38			16B	9			MDGNDB1	00V	MCYHCOX	01	1	DCF	B4		13B			
11671		XA424	34			XA321	15			16B	9			SPI006	11		01	1	DCF	B8		12A			
19945		XA424	35											MCYHCOX	03	MCYHCOX	00	1	DCF	B4		14B		HLD CONTROL PORT C	
19932		XA424	36			XA422	72			16B	9			MMYPFA	03	MCYACDX	01	1	DCF	B1		13A			
19942		XA424	36										M	MMYPFA	01	MCYHCDX	01	1	DCF	B3		13A			
19949		XA424	36										M	MMYPFA	01	MCYMIDX	01	1	DCF	B5		13A			
19954		XA424	36										M	MMYPFA	01	MCYPFDX	01	1	DCF	B7		13A			
19943		XA424	37											MCYHCDX	02	MCYHCDX	00	1	DCF	B3		15B		HLD CONT PRT C I/O	
19951		XA424	38			XA422	71			16B	9			MDGNDB1	00Z	MCYMIOX	01	1	DCF	B6		14A			
11672		XA424	39										K	GROUND	43C				DCF						
19952		XA424	40											MCYMIOX	02	MCYMIOX	00	1	DCF	B6		15A		INHIBIT PORT C	
19950		XA424	41			XA402	67			16B	9			MCYMIDX	01	MCYMIDX	00	1	DCF	B5		16A		INHIBIT PORT C I/O	
11673		XA424	42			XA424	44			16B	9			GROUND	43L				DCF			20B			
20783		XA424	43											MDY03DX	02	MDY03DX	00	1	DCF	C7		25A		03 BIT PORT D I/O	
11674		XA424	44											GND	01				DCF						
11675		XA424	44			XA424	45			16B	9			GROUND	433				DCF						
11676		XA424	45										K	GROUND	435				DCF			27A			
20768		XA424	46											MDY00DX	02	MDY00DX	00	1	DCF	C1		25B		00 BIT PORT D I/O	
20770		XA424	47											MDY00OX	03	MDY00OX	00	1	DCF	C2		26B		00 BIT PORT D	
20785		XA424	48											MDY03OX	02	MDY03OX	00	1	DCF	C8		26A		03 BIT PORT D	
20771		XA424	49			XA426	11			16B	9			MRD00P	01	MDY00OX	01	1	DCF	C2		27B			
20786		XA424	50											MRD03P	06	MDY03OX	01	1	DCF	C8		28A			
20777		XA424	51			XA426	13			16B	9			MRD01P	01	MDY01OX	01	1	DCF	C4		28B			
20769		XA424	52			XA424	72			16B	9			MDREDA	08	MDY00DX	01	1	DCF	C1		29A			
20775		XA424	52										M	MDREDA	01	MDY01DX	01	1	DCF	C3		29A			
20779		XA424	52										M	MDREDA	01	MDY02DX	01	1	DCF	C5		29A			
20784		XA424	52										M	MDREDA	01	MDY03DX	01	1	DCF	C7		29A			
11677		XA424	53			XA424	58			16B	9			GROUND	44				DCF						
20781		XA424	54											MRD02P	06	MDY02OX	01	1	DCF	C6		30A			
20776		XA424	55											MDY01DX	02	MDY01DX	00	1	DCF	C3		30B		01 BIT PORT D I/O	
20778		XA424	56											MDY01OX	03	MDY01OX	00	1	DCF	C4		29B		01 BIT PORT D	
20782		XA424	57											MDY02OX	02	MDY02OX	00	1	DCF	C6		31A		02 BIT PORT D	
11678		XA424	58											GND	01				DCF						
11679		XA424	58			XA424	59			16B	9			GROUND	44C				DCF						
11680		XA424	59										K	GROUND	44L				DCF						
CONNECTOR XA424) CONTINUED ON THE NEXT PAGE ****																									

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DRAWING NUMBER 149304-880 UNIT ASSEMBLY NO. 149304 REV G INDEX XA424

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RECORD NUMBER	FROM			SH FG	TO			SH FG	WIRE			SPC INST WISE	SIGNAL	SEQ NO	EQUATION	TERM	FACTOR	CKT OR CHIP TYPE	GROUP	LOAD OR POWER PLANE	TEST POINTS AND DP	SIGNAL DESCRIPTION	ECO NO
	PREFIX	CONNECTOR	PIN		PREFIX	CONNECTOR	PIN		MULTI GROUP	CODE	COLOR	IDENT											
20780		XA424	60											MDY02DX	02	MDY02DX	00	1	DCF	C5		31B	02 BIT PORT D I/O	
20805		XA424	61			XA401	17			16B	9			MDY07DX	01	MDY07DX	00	1	DCF	D7		33A	07 BIT PORT D I/O	
11681		XA424	62											SPP	01				DCF					
11682		XA424	63											SPP	01				DCF					
11683		XA424	64											SPP	01				DCF					
20787		XA424	65											MDY04DX	02	MDY04DX	00	1	DCF	D1		32B	04 BIT PORT D I/O	
11684		XA424	66											SPP	01				DCF					
11685		XA424	67											GND	01				DCF					
11686		XA424	67			XA424	79			16B	9			GROUND	445				DCF					
20807		XA424	68											MDY07QX	03	MDY07QX	00	1	DCF	D8		34A	07 BIT PORT D	
20789		XA424	69											MDY040X	02	MDY040X	00	1	DCF	D2		33B	04 BIT PORT D	
20808		XA424	70											MRD07P	06	MDY07QX	01	1	DCF	D8		35A		
20790		XA424	71											MRD04P	06	MDY040X	01	1	DCF	D2		34B		
20788		XA424	72			XA423	72			16B	9			MDREDA	09	MDY04DX	01	1	DCF	D1		36A		
20791		XA424	72										M	MDREDA	01	MDY05DX	01	1	DCF	D3		36A		
20798		XA424	72										M	MDREDA	01	MDY06DX	01	1	DCF	D5		36A		
20806		XA424	72										M	MDREDA	01	MDY07DX	01	1	DCF	D7		36A		
20793		XA424	73			XA426	33			16B	9			MRD05P	01	MDY050X	01	1	DCF	D4		35B		
20800		XA424	74											MRD06P	06	MDY060X	01	1	DCF	D6		37A		
20794		XA424	75											MDY050X	02	MDY050X	00	1	DCF	D4		36B	05 BIT PORT D	
20801		XA424	76											MDY060X	03	MDY060X	00	1	DCF	D6		38A	06 BIT PORT D	
11687		XA424	77			XA424	67			16B	9			GROUND	443				DCF					
20792		XA424	78											MDY05DX	02	MDY05DX	00	1	DCF	D3		37B	05 BIT PORT D I/O	
11688		XA424	79										K	GROUND	45				DCF			40B		
20799		XA424	80			XA401	15			16B	9			MDY06DX	01	MDY06DX	00	1	DCF	D5		38B	06 BIT PORT D I/O	
20074		XA425	01											MCY19DX	02	MCY19DX	00	1	DCF	A7		02A	19 BIT PORT C I/O	
11689		XA425	02											GND	01				DCF			01A		
11690		XA425	02										K	GROUND	451				DCF			01A		
20076		XA425	03											MCY190X	02	MCY190X	00	1	DCF	A8		03A	19 BIT PORT C	
20077		XA425	04			XA325	57			16B	9			MRD19P	02	MCY190X	01	1	DCF	A8		04A		
11691		XA425	05			XA425	02			16B	9			GROUND	45C				DCF					
20062		XA425	06			XA426	06			16B	9			MCREDA	08	MCY16DX	01	1	DCF	A1		05A		
20066		XA425	06										M	MCREDA	01	MCY17DX	01	1	DCF	A3		05A		
20070		XA425	06										M	MCREDA	01	MCY18DX	01	1	DCF	A5		05A		
20075		XA425	06										M	MCREDA	01	MCY19DX	01	1	DCF	A7		05A		
20063		XA425	07											MCY16DX	02	MCY16DX	00	1	DCF	A1		02B	16 BIT PORT C I/O	
20072		XA425	08			XA325	59			16B	9			MRD18P	02	MCY180X	01	1	DCF	A6		06A		
20064		XA425	09											MCY160X	02	MCY160X	00	1	DCF	A2		03B	16 BIT PORT C	
20073		XA425	10											MCY180X	02	MCY180X	00	1	DCF	A6		07A	18 BIT PORT C	
20065		XA425	11			XA318	78			16B	9			MRD16P	02	MCY160X	01	1	DCF	A2		04B		
11692		XA425	12											+5V	01				DCF			08A		
20068		XA425	13			XA423	51			16B	9			MRD17P	05	MCY170X	01	1	DCF	A4		05B		
20071		XA425	14											MCY18DX	02	MCY18DX	00	1	DCF	A5		08B	18 BIT PORT C I/O	
20069		XA425	15											MCY17QX	02	MCY170X	00	1	DCF	A4		06B	17 BIT PORT C	
11693		XA425	16											GND	01				DCF					
11694		XA425	16			XA425	21			16B	9			GROUND	455				DCF					
20067		XA425	17											MCY17DX	02	MCY17DX	00	1	DCF	A3		07B	17 BIT PORT C I/O	
11695		XA425	18											SPP	01				DCF					

CONNECTOR XA425 CONTINUED ON THE NEXT PAGE ****

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DRAWING NUMBER 149304-880 UNIT ASSEMBLY NO. 149304 REV G INDEX XA425

UNIT ASSEMBLY CARD CAGE WIRED, MCU CONNECTOR FILE IDENT T39AMCMU DATE 09-02-82 PAGE 371

RECORD NUMBER	FROM				TO				WIRE				SIGNAL	SEQ NO	EQUATION	TERM	FACTOR	CKT OR CHIP TYPE	GROUP	LOAD OR POWER PLANE	TEST POINTS		SIGNAL DESCRIPTION	ECO NO
	PREFIX	CONNECTOR	PIN	SHEET	PREFIX	CONNECTOR	PIN	SHEET	MULTI GROUP	CODE	COLOR	IDENT	SPECIAL INSTRUCTIONS									AND	OR		
11696		XA425	19			XA425	16			16B	9			GROUND	453				DCF						
11697		XA425	20											SPP	01				DCF						
11698		XA425	21										K	GROUND	46				DCF						
11699		XA425	22											SPP	01				DCF						
20090		XA425	23											MCY23DX	02	MCY23DX	00	1	DCF	B7		10A		23 BIT PORT C I/O	
11700		XA425	24											SPP	01				DCF						
11701		XA425	25			XA425	32			16B	9			GROUND	46C				DCF						
11702		XA425	26											SPP	01				DCF						
20078		XA425	27											MCY20DX	02	MCY20DX	00	1	DCF	B1		10B		20 BIT PORT C I/O	
11703		XA425	28											+5V	01				DCF			21B			
20080		XA425	29											MCY200X	02	MCY200X	00	1	DCF	B2		11B		20 BIT PORT C	
20092		XA425	30											MCY230X	02	MCY230X	00	1	DCF	B8		11A		23 BIT PORT C	
20081		XA425	31			XA325	76			16B	9			MRD20P	02	MCY200X	01	1	DCF	B2		12B			
11704		XA425	32											GND	01				DCF						
11705		XA425	32			XA425	39			16B	9			GROUND	46L				DCF						
20084		XA425	33			XA325	69			16B	9			MRD21P	02	MCY210X	01	1	DCF	B4		13B			
20093		XA425	34			XA423	70			16B	9			MRD23P	05	MCY230X	01	1	DCF	B8		12A			
20085		XA425	35											MCY210X	02	MCY210X	00	1	DCF	B4		14B		21 BIT PORT C	
20079		XA425	36			XA424	06			16B	9			MCREDA	06	MCY20DX	01	1	DCF	B1		13A			
20082		XA425	36										M	MCREDA	01	MCY21DX	01	1	DCF	B3		13A			
20086		XA425	36										M	MCREDA	01	MCY22DX	01	1	DCF	B5		13A			
20091		XA425	36										M	MCREDA	01	MCY23DX	01	1	DCF	B7		13A			
20083		XA425	37											MCY21DX	02	MCY21DX	00	1	DCF	B3		15B		21 BIT PORT C I/O	
20088		XA425	38			XA423	74			16B	9			MRD22P	05	MCY220X	01	1	DCF	B6		14A			
11706		XA425	39										K	GROUND	463				DCF						
20089		XA425	40											MCY220X	02	MCY220X	00	1	DCF	B6		15A		22 BIT PORT C	
20087		XA425	41											MCY22DX	02	MCY22DX	00	1	DCF	B5		16A		22 BIT PORT C I/O	
11707		XA425	42			XA425	44			16B	9			GROUND	465				DCF			20B			
20106		XA425	43											MCY27DX	02	MCY27DX	00	1	DCF	C7		25A		27 BIT PORT C I/O	
11708		XA425	44											GND	01				DCF						
11709		XA425	44			XA425	45			16B	9			GROUND	47				DCF						
11710		XA425	45										K	GROUND	47C				DCF			27A			
20094		XA425	46											MCY24DX	02	MCY24DX	00	1	DCF	C1		25B		24 BIT PORT C I/O	
20096		XA425	47											MCY240X	02	MCY240X	00	1	DCF	C2		26B		24 BIT PORT C	
20108		XA425	48											MCY270X	03	MCY270X	00	1	DCF	C8		26A		27 BIT PORT C	
20097		XA425	49											MRD24P	06	MCY240X	01	1	DCF	C2		27B			
20109		XA425	50			XA422	04			16B	9			MRD27P	01	MCY270X	01	1	DCF	C8		28A			
20100		XA425	51			XA422	13			16B	9			MRD25P	01	MCY250X	01	1	DCF	C4		28B			
20095		XA425	52			XA426	52			16B	9			MCREDA	03	MCY24DX	01	1	DCF	C1		29A			
20098		XA425	52										M	MCREDA	01	MCY25DX	01	1	DCF	C3		29A			
20102		XA425	52										M	MCREDA	01	MCY26DX	01	1	DCF	C5		29A			
20107		XA425	52										M	MCREDA	01	MCY27DX	01	1	DCF	C7		29A			
11711		XA425	53			XA425	58			16B	9			GROUND	47L				DCF						
20104		XA425	54											MRD26P	06	MCY260X	01	1	DCF	C6		30A			
20099		XA425	55											MCY25DX	02	MCY25DX	00	1	DCF	C3		30B		25 BIT PORT C I/O	
20101		XA425	56											MCY250X	02	MCY250X	00	1	DCF	C4		29B		25 BIT PORT C	
20105		XA425	57											MCY260X	03	MCY260X	00	1	DCF	C6		31A		26 BIT PORT C	
11712		XA425	58			XA425	59			16B	9			GROUND	473				DCF						
18809		XA425	58											GND	01	GND			DCF						
18810		XA425	59										K	GROUND	475	GND			DCF						
CONNECTOR XA425) CONTINUED ON THE NEXT PAGE ****																									

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DRAWING NUMBER 149304-880 UNIT ASSEMBLY NO. 149304 REV G INDEX XA425

UNIT ASSEMBLY CARD CAGE WIRED, MCU CONNECTOR FILE IDENT T39AMCMU DATE 09-02-82 PAGE 372

RECORD NUMBER	FROM			SH TO	TO			SH TO	WIRE				SPEC INST MISC	SIGNAL	SEC NO	EQUATION	TERM	FACTOR	CKT OR CHIP TYPE	GROUP	LOAD CP POWER PLANE	TEST POINTS	SIGNAL DESCRIPTION	ECO NO
	PREFIX	CONNECTOR	PIN		PREFIX	CONNECTOR	PIN		MULTI GROUP	CODE	COLOR	IDENT										ANCTOR		
20103		XA425	60											MCY26DX	02	MCY26DX	00	1	DCF	C5		31B	26 BIT PORT C I/O	
20122		XA425	61											MCY31DX	02	MCY31DX	00	1	DCF	D7		33A	31 BIT PORT C I/O	
11713		XA425	62											SPP	01				DCF					
11714		XA425	63											SPP	01				DCF					
11715		XA425	64											SPP	01				DCF					
20110		XA425	65											MCY28DX	02	MCY28DX	00	1	DCF	D1		32B	28 BIT PORT C I/O	
11716		XA425	66											SPP	01				DCF					
11717		XA425	67											GND	01				DCF					
11718		XA425	67			XA425	79			16B	9			GROUND	48C				DCF					
20124		XA425	68											MCY31DX	02	MCY31DX	00	1	DCF	D8		34A	31 BIT PORT C	
20112		XA425	69											MCY28DX	02	MCY28DX	00	1	DCF	D2		33B	28 BIT PORT C	
20125		XA425	70			XA422	34			16B	9			MRD31P	01	MCY31DX	01	1	DCF	D8		35A		
20113		XA425	71											MRD28P	06	MCY28DX	01	1	DCF	D2		34B		
20111		XA425	72			XA425	52			16B	9			MCREDA	02	MCY28DX	01	1	DCF	D1		36A		
20114		XA425	72										M	MCREDA	01	MCY29DX	01	1	DCF	D3		36A		
20118		XA425	72										M	MCREDA	01	MCY30DX	01	1	DCF	D5		36A		
20123		XA425	72										M	MCREDA	01	MCY31DX	01	1	DCF	D7		36A		
20116		XA425	73			XA422	33			16B	9			MRD29P	01	MCY29DX	01	1	DCF	D4		35B		
20120		XA425	74			XA422	38			16B	9			MRD30P	01	MCY30DX	01	1	DCF	D6		37A		
20117		XA425	75											MCY29DX	02	MCY29DX	00	1	DCF	D4		36B	29 BIT PORT C	
20121		XA425	76											MCY30DX	02	MCY30DX	00	1	DCF	D6		38A	30 BIT PORT C	
11719		XA425	77			XA425	67			16B	9			GROUND	48				DCF					
20115		XA425	78											MCY29DX	02	MCY29DX	00	1	DCF	D3		37B	29 BIT PORT C I/O	
11720		XA425	79										K	GROUND	48L				DCF			40B		
20119		XA425	80											MCY30DX	02	MCY30DX	00	1	DCF	D5		38B	30 BIT PORT C I/O	
19986		XA426	01											MCY03DX	02	MCY03DX	00	1	DCF	A7		02A	03 BIT PORT C I/O	
11721		XA426	02											GND	01				DCF			01A		
11722		XA426	02										K	GROUND	485				DCF			01A		
19988		XA426	03											MCY03OX	02	MCY03OX	00	1	DCF	A8		03A	03 BIT PORT C	
19989		XA426	04			XA424	50			16B	9			MRD03P	05	MCY03OX	01	1	DCF	A8		04A		
11723		XA426	05			XA426	02			16B	9			GROUND	483				DCF					
19971		XA426	06			XA434	11			16B	9			MCREDA	09	MCY00DX	01	1	DCF	A1		05A		
19978		XA426	06										M	MCREDA	01	MCY01DX	01	1	DCF	A3		05A		
19982		XA426	06										M	MCREDA	01	MCY02DX	01	1	DCF	A5		05A		
19987		XA426	06										M	MCREDA	01	MCY03DX	01	1	DCF	A7		05A		
19972		XA426	07											MCY00DX	02	MCY00DX	00	1	DCF	A1		02B	00 BIT PORT C I/O	
19984		XA426	08			XA424	54			16B	9			MRD02P	05	MCY02OX	01	1	DCF	A6		06A		
19973		XA426	09											MCY00OX	03	MCY00OX	00	1	DCF	A2		03B	00 BIT PORT C	
19985		XA426	10											MCY02OX	02	MCY02OX	00	1	DCF	A6		07A	02 BIT PORT C	
19974		XA426	11			XA319	43			16B	9			MRD00P	02	MCY00OX	01	1	DCF	A2		04B		
11724		XA426	12							18D	2			+5V	01				DCF			08A		
19980		XA426	13			XA319	49			16B	9			MRD01P	02	MCY01OX	01	1	DCF	A4		05B		
19983		XA426	14											MCY02DX	02	MCY02DX	00	1	DCF	A5		08B	02 BIT PORT C I/O	
19981		XA426	15											MCY01OX	03	MCY01OX	00	1	DCF	A4		06B	01 BIT PORT C	
11725		XA426	16											GND	01				DCF					
11726		XA426	16			XA426	21			16B	9			GROUND	49C				DCF					
19979		XA426	17											MCY01DX	02	MCY01DX	00	1	DCF	A3		07B	01 BIT PORT C I/O	
11727		XA426	18											SPP	01				DCF					
CONNECTOR (XA426) CONTINUED ON THE NEXT PAGE ****																								

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DRAWING NUMBER 149304-880 UNIT ASSEMBLY NO. 149304 REV G INDEX XA426

UNIT ASSEMBLY CARD CAGE WIRED, MCU CONNECTOR FILE IDENT T39AMCMU DATE 09-02-82 PAGE 373

RECORD NUMBER	FROM PREFIX	FROM CONNECTOR	FROM PIN	FROM SH FG	TO PREFIX	TO CONNECTOR	TO PIN	TO SH FG	WIRE MULTI GROUP	WIRE CODE	WIRE COLOR	WIRE IDENT	SPC INST MISC	SIGNAL	SEQ NO	EQUATION	TERM	FACTOR	CKT OR CHIP TYPE	GROUP	LOAD OR POWER PLANE	TEST POINTS AND	TEST POINTS OR	SIGNAL DESCRIPTION	ECO NO
11728		XA426	19			XA426	16			16B	9			GROUND	49				DCF						
11729		XA426	20											SPP	01				DCF						
11730		XA426	21										K	GROUND	49L				DCF						
11731		XA426	22											SPP	01				DCF						
20008		XA426	23			XA402	17			16B	9			MCY07DX	01	MCY07DX	00	1	DCF	B7		10A		07 BIT PORT C I/O	
11732		XA426	24											SPP	01				DCF						
11733		XA426	25			XA426	32			16B	9			GROUND	493				DCF						
11734		XA426	26											SPP	01				DCF						
19990		XA426	27											MCY04DX	02	MCY04DX	00	1	DCF	B1		10B		04 BIT PORT C I/O	
11735		XA426	28											+5V	01				DCF			21B			
19992		XA426	29											MCY040X	02	MCY040X	00	1	DCF	B2		11B		04 BIT PORT C	
20010		XA426	30											MCY070X	03	MCY070X	00	1	DCF	B8		11A		07 BIT PORT C	
19993		XA426	31			XA424	71			16B	9			MRD04P	05	MCY040X	01	1	DCF	B2		12B			
11736		XA426	32											GND	01				DCF						
11737		XA426	32			XA426	39			16B	9			GROUND	495				DCF						
19996		XA426	33			XA324	45			16B	9			MRD05P	02	MCY050X	01	1	DCF	B4		13B			
20011		XA426	34			XA424	70			16B	9			MRD07P	05	MCY070X	01	1	DCF	B8		12A			
19997		XA426	35											MCY050X	02	MCY050X	00	1	DCF	B4		14B		05 BIT PORT C	
19991		XA426	36			XA425	36			16B	9			MCREDA	05	MCY04DX	01	1	DCF	B1		13A			
19994		XA426	36										M	MCREDA	01	MCY05DX	01	1	DCF	B3		13A			
20001		XA426	36										M	MCREDA	01	MCY06DX	01	1	DCF	B5		13A			
20009		XA426	36										M	MCREDA	01	MCY07DX	01	1	DCF	B7		13A			
19995		XA426	37											MCY05DX	02	MCY05DX	00	1	DCF	B3		15B		05 BIT PORT C I/O	
20003		XA426	38			XA424	74			16B	9			MRD06P	05	MCY060X	01	1	DCF	B6		14A			
11738		XA426	39										K	GROUND	50				DCF						
20004		XA426	40											MCY060X	03	MCY060X	00	1	DCF	B6		15A		06 BIT PORT C	
20002		XA426	41			XA402	15			16B	9			MCY06DX	01	MCY06DX	00	1	DCF	B5		16A		06 BIT PORT C I/O	
11739		XA426	42			XA426	44			16B	9			GROUND	50C				DCF			20B			
20036		XA426	43											MCY11DX	02	MCY11DX	00	1	DCF	C7		25A		11 BIT PORT C I/O	
11740		XA426	44											GND	01				DCF						
11741		XA426	44			XA426	45			16B	9			GROUND	50L				DCF						
11742		XA426	45										K	GROUND	503				DCF			27A			
20015		XA426	46			XA402	19			16B	9			MCY08DX	01	MCY08DX	00	1	DCF	C1		25B		08 BIT PORT C I/O	
20017		XA426	47											MCY080X	03	MCY080X	00	1	DCF	C2		26B		08 BIT PORT C	
20038		XA426	48			XA432	65			16B	9			MCY110X	01	MCY110X	00	1	DCF	C8		26A		11 BIT PORT C	
20018		XA426	49			XA423	11			16B	9			MRD08P	01	MCY080X	01	1	DCF	C2		27B			
20039		XA426	50											MRD11P	06	MCY110X	01	1	DCF	C8		28A			
20024		XA426	51			XA423	13			16B	9			MRD09P	01	MCY090X	01	1	DCF	C4		28B			
20016		XA426	52			XA426	36			16B	9			MCREDA	04	MCY08DX	01	1	DCF	C1		29A			
20022		XA426	52										M	MCREDA	01	MCY09DX	01	1	DCF	C3		29A			
20029		XA426	52										M	MCREDA	01	MCY10DX	01	1	DCF	C5		29A			
20037		XA426	52										M	MCREDA	01	MCY11DX	01	1	DCF	C7		29A			
11743		XA426	53			XA426	58			16B	9			GROUND	505				DCF						
20031		XA426	54											MRD10P	06	MCY100X	01	1	DCF	C6		30A			
20023		XA426	55			XA402	21			16B	9			MCY09DX	01	MCY09DX	00	1	DCF	C3		30B		09 BIT PORT C I/O	
20025		XA426	56											MCY090X	03	MCY090X	00	1	DCF	C4		29B		09 BIT PORT C	
20032		XA426	57											MCY100X	04	MCY100X	00	1	DCF	C6		31A		10 BIT PORT C	
11744		XA426	58											GND	01				DCF						
11745		XA426	58			XA426	59			16B	9			GROUND	51				DCF						
11746		XA426	59										K	GROUND	51C				DCF						

CONNECTOR (XA426) CONTINUED ON THE NEXT PAGE ****

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DRAWING NUMBER 149304-880 UNIT ASSEMBLY NO. 149304 REV G INDEX XA426

UNIT ASSEMBLY CARD CAGE WIRED, MCU CONNECTOR FILE IDENT T39AMCMU DATE 09-02-82 PAGE 374

RECORD NUMBER	FROM PREFIX	FROM CONNECTOR	FROM PIN	FROM SH FG	TO PREFIX	TO CONNECTOR	TO PIN	TO SH FG	WIRE MULT GROUP	WIRE CODE	WIRE COLOR	WIRE IDENT	SPC INST MISC	SIGNAL	SEQ NO	EQUATION	TERM	FACTOR	CKT OR CHIP TYPE	GROUP	LOAD OR POWER PLANE	TEST POINTS AND	TEST POINTS OR	SIGNAL DESCRIPTION	ECO NO
20030		XA426	60											MCY10DX	02	MCY10DX	00	1	DCF	C5		31B		10 BIT PORT C I/O	
20058		XA426	61											MCY15DX	02	MCY15DX	00	1	DCF	D7		33A		15 BIT PORT C I/O	
11747		XA426	62											SPP	01				DCF						
11748		XA426	63											SPP	01				DCF						
11749		XA426	64											SPP	01				DCF						
20043		XA426	65											MCY12DX	02	MCY12DX	00	1	DCF	D1		32B		12 BIT PORT C I/O	
11750		XA426	66											SPP	01				DCF						
11751		XA426	67											GND	01				DCF						
11752		XA426	67			XA426	79			16B	9			GROUND	513				DCF						
20060		XA426	68											MCY15QX	02	MCY15QX	00	1	DCF	D8		34A		15 BIT PORT C	
20045		XA426	69											MCY12QX	04	MCY12QX	00	1	DCF	D2		33B		12 BIT PORT C	
20061		XA426	70											MRD15P	06	MCY15QX	01	1	DCF	D8		35A			
20046		XA426	71											MRD12P	06	MCY12QX	01	1	DCF	D2		34B			
20044		XA426	72			XA425	72			16B	9			MCREDA	01	MCY12DX	01	1	DCF	D1		36A			
20050		XA426	72										M	MCREDA	01	MCY13DX	01	1	DCF	D3		36A			
20054		XA426	72										M	MCREDA	01	MCY14DX	01	1	DCF	D5		36A			
20059		XA426	72										M	MCREDA	01	MCY15DX	01	1	DCF	D7		36A			
20052		XA426	73											MRD13P	06	MCY13QX	01	1	DCF	D4		35B			
20056		XA426	74											MRD14P	06	MCY14QX	01	1	DCF	D6		37A			
20053		XA426	75											MCY13QX	04	MCY13QX	00	1	DCF	D4		36B		13 BIT PORT C	
20057		XA426	76											MCY14QX	02	MCY14QX	00	1	DCF	D6		38A		14 BIT PORT C	
11753		XA426	77			XA426	67			16B	9			GROUND	511				DCF						
20051		XA426	78											MCY13DX	02	MCY13DX	00	1	DCF	D3		37B		13 BIT PORT C I/O	
11754		XA426	79										K	GROUND	515				DCF			40B			
20055		XA426	80											MCY14DX	02	MCY14DX	00	1	DCF	D5		38B		14 BIT PORT C I/O	
11755		XA427	01											SPP	01										
11756		XA427	02											GND	01										
11757		XA427	03											SPP	01										
11758		XA427	04											SPP	01										
11759		XA427	05											SPP	01										
11760		XA427	06											SPP	01										
11761		XA427	07											SPP	01										
11762		XA427	08											SPP	01										
11763		XA427	09											SPP	01										
11764		XA427	10											SPP	01										
11765		XA427	11											SPP	01									C PRIORITY SET *	
11766		XA427	12											+5V	01										
11767		XA427	13											SPP	01										
11768		XA427	14											SPP	01										
11769		XA427	15											SPP	01										
11770		XA427	16											GND	01										
11771		XA427	17											SPP	01										
11772		XA427	18											SPP	01										
11773		XA427	19											SPP	01										
11774		XA427	20											SPP	01										
11775		XA427	21											SPP	01										
11776		XA427	22											SPP	01										
11777		XA427	23											SPP	01									PRIORITY PORT D *	
CONNECTOR XA427) CONTINUED ON THE NEXT PAGE ****																									

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DRAWING NUMBER 149304-880 UNIT ASSEMBLY NO. 149304 REV G INDEX XA427

UNIT ASSEMBLY CARD CAGE WIRED, MCU CONNECTOR FILE IDENT T39AMCMU DATE 09-02-82 PAGE 375

RECORD NUMBER	FROM			SH FG	TO			SH FG	WIRE				SPEC INSTR	SIGNAL	SEQ NO	EQUATION	TERM	FACTOR	CKT OR CHIP TYPE	GROUP	LOAD OR POWER PLANE	TEST POINTS		SIGNAL DESCRIPTION	ECO NO
	PREFIX	CONNECTOR	PIN		PREFIX	CONNECTOR	PIN		WIRE GROUP	CODE	COLOR	IDENT										AND	OR		
11778		XA427	24											SPP	01										
11779		XA427	25											SPP	01										
11780		XA427	26											SPP	01										
11781		XA427	27											SPP	01										
11782		XA427	28											+5V	01										
11783		XA427	29											SPP	01										
11784		XA427	30											SPP	01										
11785		XA427	31											SPP	01										
11786		XA427	32											GND	01										
11787		XA427	33											SPP	01										
11788		XA427	34											SPP	01										
11789		XA427	35											SPP	01										
11790		XA427	36											SPP	01										
11791		XA427	37											SPP	01										
11792		XA427	38											SPP	01										
11793		XA427	39											SPP	01										
11794		XA427	40											SPP	01										
11795		XA427	41											SPP	01										
11796		XA427	42											SPP	01										
11797		XA427	43											SPP	01										
11798		XA427	44											GND	01										
11799		XA427	45											SPP	01										
11800		XA427	46											SPP	01										
11801		XA427	47											SPP	01										
11802		XA427	48											SPP	01										
11803		XA427	49											SPP	01										
11804		XA427	50											SPP	01										
11805		XA427	51											SPP	01										
11806		XA427	52											SPP	01										
11807		XA427	53											SPP	01										
11808		XA427	54											SPP	01										
11809		XA427	55											SPP	01										
11810		XA427	56											SPP	01										
11811		XA427	57											SPP	01										
11812		XA427	58											GND	01										
11813		XA427	59											SPP	01										
11814		XA427	60											SPP	01										
11815		XA427	61											SPP	01										
11816		XA427	62											SPP	01										
11817		XA427	63											SPP	01										
11818		XA427	64											SPP	01										
11819		XA427	65											SPP	01										
11820		XA427	66											SPP	01										
11821		XA427	67											GND	01										
11822		XA427	68											SPP	01										
11823		XA427	69											SPP	01										
11824		XA427	70											SPP	01										
11825		XA427	71											SPP	01										
11826		XA427	72											SPP	01										
11827		XA427	73											SPP	01										
CONNECTOR XA427) CONTINUED ON THE NEXT PAGE ****																									

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DRAWING NUMBER 149304-880 UNIT ASSEMBLY NO. 149304 REV G INDEX XA427

UNIT ASSEMBLY CARD CAGE WIRED, MCU CONNECTOR FILE IDENT T39AMCMU DATE 09-02-82 PAGE 376

RECORD NUMBER	FROM PREFIX	FROM CONNECTOR	FROM PIN	FROM SH PG	TO PREFIX	TO CONNECTOR	TO PIN	TO SH PG	WIRE MULTI GROUP	WIRE CODE	WIRE COLOR	WIRE IDENT	SPEC INST MISC	SIGNAL	SEC NO	EQUATION	TERM	FACTOR	CKT OR CHIP TYPE	GROUP	QUAD OR POWER PLANE	TEST POINTS AND/OR	SIGNAL DESCRIPTION	ECO NO
11828		XA427	74											SPP	01									
11829		XA427	75											SPP	01									
11830		XA427	76											SPP	01									
11831		XA427	77											SPP	01									
11832		XA427	78											SPP	01									
11833		XA427	79											SPP	01									
11834		XA427	80											SPP	01									
20290		XA428	01			XA423	03			16B	9			MDY110X	03	MDHC1A	01	1	TT3	A2		02B		
11835		XA428	02											GND	01				TT3			01B		
20291		XA428	03			XA431	30			16B	9			MPBA1Q	04	MDHC1A	01	2	TT3	A2		02A		
20286		XA428	04											MDHC0A	02	MDHC0A	00	1	TT3	A1		04A	MBA 10 COMP PRT D*	
20292		XA428	05			XA428	13			16B	9			MDYS1TX	08	MDHC1A	01	3	TT3	A2		03B		
20287		XA428	06			XA423	10			16B	9			MDY100X	02	MDHC0A	01	1	TT3	A1		05A		
20293		XA428	07			XA429	34			16B	9			MDHC1A	01	MDHC1A	00	1	TT3	A2		03A	MBA 11 COMP PRT D*	
20288		XA428	08			XA431	40			16B	9			MPBA0Q	04	MDHC0A	01	2	TT3	A1		06A		
20294		XA428	09			XA429	41			16B	9			MDY120X	02	MDHC2A	01	1	TT3	A3		04B		
20289		XA428	10			XA428	05			16B	9			MDYS1TX	07	MDHC0A	01	3	TT3	A1		07A		
20295		XA428	11			XA431	35			16B	9			MPBA2Q	04	MDHC2A	01	2	TT3	A3		05B		
11836		XA428	12											+5V	01				TT3					
20296		XA428	13			XA321	72			16B	9			MDYS1TX	09	MDHC2A	01	3	TT3	A3		06B		
20318		XA428	14											MDY10A	02	MDLC0A	01	1	TT3	B2		09A		
20297		XA428	15			XA429	29			16B	9			MDHC2A	01	MDHC2A	00	1	TT3	A3		07B	MBA 12 COMP PRT D*	
11837		XA428	16											GND	01				TT3			21B		
20319		XA428	17			XA335	68			16B	9			MPBA0P	02	MDLC0A	01	2	TT3	B2		08B		
20320		XA428	18			XA428	10			16B	9			MDYS1TX	06	MDLC0A	01	3	TT3	B2		10A		
20321		XA428	19											MDLC0A	02	MDLC0A	00	1	TT3	B2		09B	MBA 10 COMP PRT D*	
20298		XA428	20			XA429	35			16B	9			MDHC3A	01	MDHC3A	00	1	TT3	B1		11A	MBA 13 COMP PRT D*	
20322		XA428	21											MDY11A	02	MDLC1A	01	1	TT3	B3		10B		
20299		XA428	22			XA429	47			16B	9			MDY130X	02	MDHC3A	01	1	TT3	B1		12A		
20323		XA428	23			XA335	60			16B	9			MPBA1P	02	MDLC1A	01	2	TT3	B3		11B		
20300		XA428	24			XA431	54			16B	9			MPBA3Q	04	MDHC3A	01	2	TT3	B1		13A		
20324		XA428	25			XA428	18			16B	9			MDYS1TX	05	MDLC1A	01	3	TT3	B3		12B		
20301		XA428	26			XA428	25			16B	9			MDYS1TX	04	MDHC3A	01	3	TT3	B1		14A		
20325		XA428	27			XA429	36			16B	9			MDLC1A	01	MDLC1A	00	1	TT3	B3		13B	MBA 11 COMP PRT D*	
11838		XA428	28											+5V	01				TT3					
20330		XA428	29			XA429	51			16B	9			MDY13A	01	MDLC3A	01	1	TT3	C2		14B		
20331		XA428	30			XA335	77			16B	9			MPBA3P	02	MDLC3A	01	2	TT3	C2		15A		
20332		XA428	31											MDLC3A	02	MDLC3A	00	1	TT3	C2		15B	MBA 13 COMP PRT D*	
11839		XA428	32											GND	01				TT3			27A		
21209		XA428	33											MPPCMS	02	MPPCMR	01	1	TT3	C3		16B		
20333		XA428	34			XA428	26			16B	9			MDYS1TX	03	MDLC3A	01	3	TT3	C2		16A		
21210		XA428	35			XA434	35			16B	9			MCHLDR1	02	MPPCMR	01	2	TT3	C3		17B		
20326		XA428	36			XA429	31			16B	9			MDLC2A	01	MDLC2A	00	1	TT3	C1		17A	MBA 12 COMP PRT D*	
21211		XA428	37											MPCMRA	02	MPPCMR	01	3	TT3	C3		18B		
20327		XA428	38			XA429	45			16B	9			MDY12A	01	MDLC2A	01	1	TT3	C1		18A		
21212		XA428	39			XA433	31			16B	9			MPPCMR	01	MPPCMR	00	1	TT3	C3		19B		
20328		XA428	40			XA335	59			16B	9			MPBA2P	02	MDLC2A	01	2	TT3	C1		19A		
11840		XA428	41			XA430	34			16B	9			SPIO17	16		01	1	TT3	D2		22B		

CONNECTOR XA428 CONTINUED ON THE NEXT PAGE ****

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RECORD NUMBER	FROM			SH FG	TO			SH FG	WIRE				SPLICE INST SHEET	SIGNAL	SEQ NO	EQUATION	TERM	FACTOR	CKT OR CHIP TYPE	GROUP	LOAD OR POWER PLANE	TEST POINTS		SIGNAL DESCRIPTION	ECO NO
	PREFIX	CONNECTOR	PIN		PREFIX	CONNECTOR	PIN		MULTI GROUP	CODE	COLOR	IDENT										AND	OR		
20329		XA428	42			XA428	34			16B	9			MDYS1TX	02	MDLC2A	01	3	TT3	C1		20A		SYNC 1 PRT D	
11841		XA428	43											SP0	01		00	1	TT3	D2		23B			
11842		XA428	44											GND	01				TT3			40A			
19699		XA428	45											MAENAP	05	MCENAA	01	1	TT3	D3		24B			
11843		XA428	46			XA430	42			16B	9			SPI023	04		01	2	TT3	D2		21A			
19700		XA428	47											MBENAP	04	MCENAA	01	2	TT3	D3		25B			
11844		XA428	48			XA429	43			16B	9			SPI024	20		01	3	TT3	D2		22A			
19701		XA428	49											MCENAQ	02	MCENAA	01	3	TT3	D3		26B			
11845		XA428	50											SP0	01		00	1	TT3	D1		23A			
19702		XA428	51			XA429	62			16B	9			MCENAA	005	MCENAA	00	1	TT3	D3		27B			
11846		XA428	52			XA428	41			16B	9			SPI017	15		01	1	TT3	D1		24A			
11847		XA428	53			XA428	52			16B	9			SPI017	12		01	1	TT3	E2		28B			
11848		XA428	54											SPI023	27		01	2	TT3	D1		25A			
11849		XA428	55											SP0	01		00	1	TT3	E2		29B			
11850		XA428	56			XA428	59			16B	9			SPI024	15		01	3	TT3	D1		26A			
11851		XA428	57			XA428	53			16B	9			SPI017	11		01	1	TT3	E3		30B			
11852		XA428	58											GND	01				TT3			40B			
11853		XA428	59			XA428	48			16B	9			SPI024	16		01	2	TT3	E3		31B			
11854		XA428	60			XA428	54			16B	9			SPI023	24		01	2	TT3	E2		28A			
11855		XA428	61			XA428	60			16B	9			SPI023	23		01	3	TT3	E3		32B			
11856		XA428	62			XA429	61			16B	9			SPI024	09		01	3	TT3	E2		29A			
11857		XA428	63											SP0	01		00	1	TT3	E3		33B			
11858		XA428	64											SP0	01		00	1	TT3	E1		30A			
11859		XA428	65			XA428	57			16B	9			SPI017	10		01	1	TT3	F2		34B			
11860		XA428	66			XA428	61			16B	9			SPI023	22		01	1	TT3	E1		31A			
11861		XA428	67											GND	01				TT3						
11862		XA428	68			XA428	62			16B	9			SPI024	08		01	2	TT3	E1		32A			
11863		XA428	69			XA428	68			16B	9			SPI024	07		01	1	TT3	F3		35A			
11864		XA428	70			XA428	65			16B	9			SPI017	08		01	3	TT3	E1		33A			
11865		XA428	71			XA428	69			16B	9			SPI024	06		01	2	TT3	F2		36A			
11866		XA428	72			XA429	65			16B	9			SPI023	20		01	3	TT3	F2		34A			
11867		XA428	73											SP0	01		00	1	TT3	F1		36B			
11868		XA428	74											SP0	01		00	1	TT3	F2		35B			
11869		XA428	75			XA428	76			16B	9			SPI023	18		01	1	TT3	F1		37B			
11870		XA428	76			XA428	72			16B	9			SPI023	19		01	2	TT3	F3		37A			
11871		XA428	77			XA428	78			16B	9			SPI017	06		01	2	TT3	F1		38B			
11872		XA428	78			XA428	70			16B	9			SPI017	07		01	3	TT3	F3		38A			
11873		XA428	79			XA429	79			16B	9			SPI024	02		01	3	TT3	F1		39B			
11874		XA428	80											SP0	01		00	1	TT3	F3		39A			
20005		XA429	01			XA334	77			16B	9			MCY07A1	02	MCY07A1	00	1	TQ2	A2		02B		07 BIT PORT C *	
11875		XA429	02											GND	01				TQ2			01A			
20012		XA429	03			XA426	47			16B	9			MCY080X	02	MCY08A1	01	1	TQ2	A3		02A			
20006		XA429	04			XA426	30			16B	9			MCY070X	02	MCY07A1	01	1	TQ2	A2		04A			
20007		XA429	05			XA429	10			16B	9			SPI024	31	MCY07A1	01	2	TQ2	A2		03B			
19998		XA429	06			XA334	75			16B	9			MCY06A1	02	MCY06A1	00	1	TQ2	A1		05A		06 BIT PORT C *	
20013		XA429	07			XA429	05			16B	9			SPI024	30	MCY08A1	01	2	TQ2	A3		03A			
19999		XA429	08			XA426	40			16B	9			MCY060X	02	MCY06A1	01	1	TQ2	A1		06A			
20014		XA429	09			XA334	78			16B	9			MCY08A1	02	MCY08A1	00	1	TQ2	A3		04B		08 BIT PORT C *	
CONNECTOR XA429) CONTINUED ON THE NEXT PAGE ****																									

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DRAWING NUMBER 149304-880 UNIT ASSEMBLY NO. 149304 REV G INDEX XA429

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RECORD NUMBER	FROM PREFIX	FROM CONNECTOR	FROM PIN	SH FG	TO PREFIX	TO CONNECTOR	TO PIN	SH FG	WIRE MULTI GROUP	WIRE CODE	WIRE COLOR	WIRE IDENT	SPC INST MISC	SIGNAL	SEQ NO	EQUATION	TERM	FACTOR	CAT OR CHIP TYPE	GROUP	LOAD OR POWER PLANE	TEST POINTS AND	TEST POINTS OR	SIGNAL DESCRIPTION	ECO NO
20000		XA429	10			XA342	46			16B	9			SPI024	32	MCY06A1	01	2	TQ2	A1		07A			
20019		XA429	11			XA426	56			16B	9			MCY090X	02	MCY09A1	01	1	TQ2	A4		05B			
11876		XA429	12											+5V	01				TQ2						
20020		XA429	13			XA429	07			16B	9			SPI024	29	MCY09A1	01	2	TQ2	A4		06B			
20802		XA429	14			XA334	72			16B	9			MDY07A1	02	MDY07A1	00	1	TQ2	B2		09A		07 BIT PORT D	
20021		XA429	15			XA334	79			16B	9			MCY09A1	02	MCY09A1	00	1	TQ2	A4		07B		09 BIT PORT C *	
11877		XA429	16											GND	01				TQ2			01B			
20809		XA429	17			XA423	09			16B	9			MDY080X	02	MDY08A1	01	1	TQ2	B3		08B			
20803		XA429	18			XA424	68			16B	9			MDY070X	02	MDY07A1	01	1	TQ2	B2		10A			
20810		XA429	19			XA429	13			16B	9			SPI024	28	MDY08A1	01	2	TQ2	B3		09B			
20804		XA429	20			XA429	19			16B	9			SPI024	27	MDY07A1	01	2	TQ2	B2		11A			
20811		XA429	21			XA334	73			16B	9			MDY08A1	02	MDY08A1	00	1	TQ2	B3		10B		08 BIT PORT D *	
20795		XA429	22			XA334	71			16B	9			MDY06A1	02	MDY06A1	00	1	TQ2	B1		12A		06 BIT PORT D *	
20817		XA429	23			XA423	15			16B	9			MDY090X	02	MDY09A1	01	1	TQ2	B4		11B			
20796		XA429	24			XA424	76			16B	9			MDY060X	02	MDY06A1	01	1	TQ2	B1		13A			
20818		XA429	25			XA429	26			16B	9			SPI024	25	MDY09A1	01	2	TQ2	B4		12B			
20797		XA429	26			XA429	20			16B	9			SPI024	26	MDY06A1	01	2	TQ2	B1		14A			
20819		XA429	27			XA334	74			16B	9			MDY09A1	02	MDY09A1	00	1	TQ2	B4		13B		09 BIT PORT D *	
11878		XA429	28											+5V	01				TQ2						
20340		XA429	29											MDHC2A	02	MDMC20	01	1	TQ2	C3		14B			
20337		XA429	30			XA430	60			16B	9			MDMC10	01	MDMC10	00	1	TQ2	C2		15A		MBA PORT D BIT 11	
20341		XA429	31											MDLC2A	02	MDMC20	01	2	TQ2	C3		15B			
11879		XA429	32											GND	01				TQ2			20B			
20342		XA429	33											MDMC20	02	MDMC20	00	1	TQ2	C3		16B		MBA PORT D BIT 12	
20338		XA429	34											MDHC1A	02	MDMC10	01	1	TQ2	C2		16A			
20343		XA429	35											MDHC3A	02	MDMC30	01	1	TQ2	C4		17B			
20339		XA429	36											MDLC1A	02	MDMC10	01	2	TQ2	C2		17A			
20344		XA429	37			XA428	31			16B	9			MDLC3A	01	MDMC30	01	2	TQ2	C4		18B			
20334		XA429	38											MDMC00	02	MDMC00	00	1	TQ2	C1		18A		MBA PORT D BIT 10	
20345		XA429	39			XA430	62			16B	9			MDMC30	01	MDMC30	00	1	TQ2	C4		19B		MBA PORT D BIT 13	
20335		XA429	40			XA428	04			16B	9			MDHC0A	01	MDMC00	01	1	TQ2	C1		19A			
20838		XA429	41			XA423	29			16B	9			MDY120X	03	MDY12A	01	1	TQ2	D3		22B			
20336		XA429	42			XA428	19			16B	9			MDLC0A	01	MDMC00	01	2	TQ2	C1		20A			
20839		XA429	43			XA429	25			16B	9			SPI024	21	MDY12A	01	2	TQ2	D3		23B			
11880		XA429	44											GND	01				TQ2			21B			
20840		XA429	45											MDY12A	02	MDY12A	00	1	TQ2	D3		24B		12 BIT PORT D *	
20831		XA429	46			XA428	21			16B	9			MDY11A	01	MDY11A	00	1	TQ2	D2		21A		11 BIT PORT D *	
20845		XA429	47			XA423	35			16B	9			MDY130X	03	MDY13A	01	1	TQ2	D4		25B			
20832		XA429	48			XA328	79			16B	9			MDY110X	01	MDY11A	01	1	TQ2	D2		22A			
20846		XA429	49			XA429	50			16B	9			SPI024	12	MDY13A	01	2	TQ2	D4		26B			
20833		XA429	50			XA429	56			16B	9			SPI024	13	MDY11A	01	2	TQ2	D2		23A			
20847		XA429	51											MDY13A	02	MDY13A	00	1	TQ2	D4		27B		13 BIT PORT D *	
20824		XA429	52			XA428	14			16B	9			MDY10A	01	MDY10A	00	1	TQ2	D1		24A		10 BIT PORT D *	
19928		XA429	53			XA429	49			16B	9			SPI024	11	MCYACA	01	1	TQ2	E3		28B			
20825		XA429	54											MDY100X	04	MDY10A	01	1	TQ2	D1		25A			
19929		XA429	55			XA430	50			16B	9			MCYAC0X	01	MCYACA	01	2	TQ2	E3		29B			
20826		XA429	56			XA428	56			16B	9			SPI024	14	MDY10A	01	2	TQ2	D1		26A			
19930		XA429	57			XA434	34			16B	9			MCYACA	01	MCYACA	00	1	TQ2	E3		30B		ADR CONTROL PRT C*	
11881		XA429	58											GND	01				TQ2			27A			
20724		XA429	59			XA430	64			16B	9			MDYAC0X	01	MDYACA	01	1	TQ2	E4		31B			

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RECORD NUMBER	FROM				TO				WIRE				SIGNAL	SEQ NO	EQUATION	TERM	FACTOR	CKT OR CHIP TYPE	GROUP	LOAD OR POWER PLANE	TEST POINTS		SIGNAL DESCRIPTION	ECO NO
	PREFIX	CONNECTOR	PIN	SH FG	PREFIX	CONNECTOR	PIN	SH FG	MULTI GROUP	CODE	COLOR	IDENT									AND	OR		
19725		XA429	60			XA433	47			16B	9		MCENE01	01	MCENE01	00	1	TQ2	E2		28A		PRI ENABLE PORT C	
20725		XA429	61			XA429	53			16B	9		SPI024	10	MDYACA	01	2	TQ2	E4		32B			
19726		XA429	62			XA432	54			16B	9		MCENAA	01	MCENE01	01	1	TQ2	E2		29A			
20726		XA429	63										MDYACA	02	MDYACA	00	1	TQ2	E4		33B		ADR CONT PRT D *	
19727		XA429	64			XA429	70			16B	9		SPI006	07	MCENE01	01	2	TQ2	E2		30A			
11882		XA429	65			XA428	66			16B	9		SPI023	21		01	1	TQ2	E3		34B			
20263		XA429	66			XA433	68			16B	9		MDENE01	01	MDENE01	00	1	TQ2	E1		31A		PRIORITY PORT D	
11883		XA429	67										GND	01				TQ2			40A			
20264		XA429	68			XA432	68			16B	9		MDENAA	01	MDENE01	01	1	TQ2	E1		32A			
11884		XA429	69										SPO	01		00	1	TQ2	E3		35A			
20265		XA429	70			XA422	70			16B	9		SPI006	08	MDENE01	01	2	TQ2	E1		33A			
11885		XA429	71			XA428	71			16B	9		SPI024	05		01	1	TQ2	E2		36A			
11886		XA429	72										SPO	01		00	1	TQ2	F2		34A			
11887		XA429	73			XA428	75			16B	9		SPI023	15		01	2	TQ2	E2		36B			
11888		XA429	74			XA429	71			16B	9		SPI024	04		01	2	TQ2	F3		35B			
11889		XA429	75										SPO	01		00	1	TQ2	F1		37B			
11890		XA429	76			XA432	78			16B	9		SPI026	32		01	1	TQ2	F4		37A			
11891		XA429	77			XA429	73			16B	9		SPI023	14		01	1	TQ2	F1		38B			
11892		XA429	78			XA429	77			16B	9		SPI023	13		01	2	TQ2	F4		38A			
11893		XA429	79			XA429	74			16B	9		SPI024	03		01	2	TQ2	F1		39B			
11894		XA429	80										SPO	01		00	1	TQ2	F4		39A			
21216		XA430	01			XA430	20			16B	9		MPANTO	04	MPPCSA1	01	1	TS8	A1		02B			
11895		XA430	02										GND	01				TS8			01A			
11896		XA430	03										DNW	01				TS8						
21217		XA430	04										MCREQS	04	MPPCSA1	01	2	TS8	A1		04A			
21218		XA430	05										MPPCMR	03	MPPCSA1	01	3	TS8	A1		03B			
21219		XA430	06			XA239	45			16B	9		MBHLDR	02	MPPCSA1	01	4	TS8	A1		05A			
21220		XA430	07			XA421	35			16B	9		MDHLDR1	05	MPPCSA1	01	5	TS8	A1		03A			
21221		XA430	08			XA335	71			16B	9		SPI017	21	MPPCSA1	01	6	TS8	A1		06A			
11897		XA430	09										DNW	01				TS8						
21222		XA430	10			XA337	54			16B	9		MPACIO	03	MPPCSA1	01	7	TS8	A1		07A			
21223		XA430	11										MPPCSA1	05	MPPCSA1	00	1	TS8	A1		05B		PRIORITY PORT C *	
11898		XA430	12										+5V	01				TS8						
21224		XA430	13			XA430	26			16B	9		MPENTR	05	MPPCSA1	01	8	TS8	A1		06B			
21225		XA430	14			XA432	13			16B	9		MDREQS	01	MPPDSA1	01	1	TS8	B1		09A			
11899		XA430	15										DNW	01				TS8						
11900		XA430	16										GND	01				TS8			21B			
11901		XA430	17										DNW	01				TS8						
21226		XA430	18			XA430	06			16B	9		MBHLDR	011	MPPDSA1	01	2	TS8	B1		10A			
21227		XA430	19			XA428	35			16B	9		MCHLDR1	011	MPPDSA1	01	3	TS8	B1		09B			
21228		XA430	20										MPANTO	05	MPPDSA1	01	4	TS8	B1		11A			
11902		XA430	21										DNW	01				TS8						
21229		XA430	22			XA429	64			16B	9		SPI006	06	MPPDSA1	01	5	TS8	B1		12A			
21230		XA430	23			XA421	61			16B	9		MPPDSA1	01	MPPDSA1	00	1	TS8	B1		11B		D PRIORITY SET *	
21231		XA430	24			XA430	37			16B	9		SPI009	04	MPPDSA1	01	6	TS8	B1		13A			
21232		XA430	25			XA430	10			16B	9		MPACIO	021	MPPDSA1	01	7	TS8	B1		12B			
21233		XA430	26										MPENTR	06	MPPDSA1	01	8	TS8	B1		14A			
11903		XA430	27										DNW	01				TS8						
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DRAWING NUMBER 149304-880 UNIT ASSEMBLY NO. 149304 REV G INDEX XA430

UNIT ASSEMBLY CARD CAGE WIRED, MCU CONNECTOR FILE IDENT T39AMCMU DATE 09-02-82 PAGE 380

RECORD NUMBER	FROM				TO				WIRE				SIGNAL	SEC NO	EQUATION	TERM	FACTOR	CKT OR CHIP TYPE	GROUP	LOAD CP POWER PLANE	TEST POINTS		SIGNAL DESCRIPTION	ECO NO
	PREFIX	CONNECTOR	PIN	SH FG	PREFIX	CONNECTOR	PIN	SH FG	MULTI GROUP	CODE	COLOR	IDENT									ANCHOR			
11904		XA430	28										+5V	01				TS8						
11905		XA430	29										DNW	01				TS8						
11906		XA430	30			XA430	72			16B	9		SPI005	09		01	1	TS8	C1		15A			
11907		XA430	31			XA430	22			16B	9		SPI006	05		01	2	TS8	C1		15B			
11908		XA430	32										GND	01				TS8			27A			
11909		XA430	33										DNW	01				TS8						
11910		XA430	34			XA430	08			16B	9		SPI017	19		01	3	TS8	C1		16A			
11911		XA430	35										SPO	01		00	1	TS8	C1		17B			
11912		XA430	36			XA432	43			16B	9		SPI026	14		01	4	TS8	C1		17A			
11913		XA430	37			XA342	10			16B	9		SPI009	05		01	5	TS8	C1		18B			
11914		XA430	38			XA430	79			16B	9		SPI025	03		01	6	TS8	C1		18A			
11915		XA430	39										DNW	01				TS8						
11916		XA430	40			XA432	42			16B	9		SPI020	05		01	7	TS8	C1		19A			
11917		XA430	41										DNW	01				TS8						
11918		XA430	42			XA433	56			16B	9		SPI023	05		01	8	TS8	C1		20A			
19900		XA430	43										MCMC00	02	MCREQA	01	1	TS8	D1		23B			
11919		XA430	44										GND	01				TS8			40A			
11920		XA430	45										DNW	01				TS8						
19901		XA430	46			XA433	57			16B	9		MCMC10	01	MCREQA	01	2	TS8	D1		21A			
19902		XA430	47			XA433	48			16B	9		MCREQA	01	MCREQA	00	1	TS8	D1		25B		PRT C REQUEST SET*	
19903		XA430	48										MCMC20	02	MCREQA	01	3	TS8	D1		22A			
19904		XA430	49			XA433	75			16B	9		MCMC30	01	MCREQA	01	4	TS8	D1		26B			
19905		XA430	50			XA424	29			16B	9		MCYAC0X	02	MCREQA	01	5	TS8	D1		23A			
11921		XA430	51										DNW	01				TS8						
19906		XA430	52			XA433	69			16B	9		MCMMC0	01	MCREQA	01	6	TS8	D1		24A			
11922		XA430	53										DNW	01				TS8						
19907		XA430	54			XA337	40			16B	9		MPINRA	02	MCREQA	01	7	TS8	D1		25A			
20458		XA430	55			XA429	38			16B	9		MDMC00	01	MDREQA	01	1	TS8	E1		29B			
19908		XA430	56			XA337	42			16B	9		MP08CA	02	MCREQA	01	8	TS8	D1		26A			
11923		XA430	57										DNW	01				TS8						
11924		XA430	58										GND	01				TS8						
20459		XA430	59										MDREQA	02	MDREQA	00	1	TS8	E1		31B		PRT D REQUEST SET*	
20460		XA430	60										MDMC10	02	MDREQA	01	2	TS8	E1		28A			
20461		XA430	61			XA429	33			16B	9		MDMC20	01	MDREQA	01	3	TS8	E1		32B			
20462		XA430	62										MDMC30	02	MDREQA	01	4	TS8	E1		29A			
11925		XA430	63										DNW	01				TS8						
20463		XA430	64			XA422	69			16B	9		MDYAC0X	02	MDREQA	01	5	TS8	E1		30A			
11926		XA430	65										DNW	01				TS8						
20464		XA430	66			XA433	80			16B	9		MDMMC0	01	MDREQA	01	6	TS8	E1		31A			
11927		XA430	67										GND	01				TS8						
20465		XA430	68			XA430	54			16B	9		MPINRA	01	MDREQA	01	7	TS8	E1		32A			
11928		XA430	69										DNW	01				TS8						
20466		XA430	70			XA430	56			16B	9		MP08CA	01	MDREQA	01	8	TS8	E1		33A			
11929		XA430	71			XA330	76			16B	9		SPI004	02		01	1	TS8	F1		34A			
11930		XA430	72										SPI005	10		01	2	TS8	F1		34A			
11931		XA430	73			XA430	40			16B	9		SPI020	001		01	3	TS8	F1		36B			
11932		XA430	74			XA430	24			16B	9		SPI009	02		01	4	TS8	F1		35B			
11933		XA430	75			XA429	76			16B	9		SPI026	31		01	5	TS8	F1		37B			
11934		XA430	76										SPO	01		00	1	TS8	F1		37A		C ACCESS MEM *	
11935		XA430	77			XA429	78			16B	9		SPI023	12		01	6	TS8	F1		38B			
CONNECTOR (XA430) CONTINUED ON THE NEXT PAGE ****																								

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Litton DATA SYSTEMS

DRAWING NUMBER 149304-880 UNIT ASSEMBLY NO. 149304 REV G INDEX XA430

UNIT ASSEMBLY CARD CAGE WIRED, MCU CONNECTOR FILE IDENT T39AMCMU DATE 09-02-82 PAGE 381

RECORD NUMBER	FROM PREFIX	FROM CONNECTOR	FROM PIN	FROM SH FG	TO PREFIX	TO CONNECTOR	TO PIN	TO SH FG	WIRE MULTI GROUP	WIRE CODE	WIRE COLOR	WIRE IDENT	SPC INST MISC	SIGNAL	SEQ NO	EQUATION	TERM	FACTOR	CKT OR CHIP TYPE	GROUP	LOAD OR POWER PLANE	TEST POINTS AND	TEST POINTS OR	SIGNAL DESCRIPTION	ECO NO
11936		XA430	78			XA428	77			16B	9			SPI017	04		01	7	TS8	F1		38A			
11937		XA430	79			XA431	23			16B	9			SPI025	05		01	8	TS8	F1		39B			
11938		XA430	80											DNW	01				TS8						
19744		XA431	01			XA421	19			16B	9			MCENE01	08	MCHDRA	01	1	TT3	A2		02B			
11939		XA431	02											GND	01				TT3			01B			
19745		XA431	03			XA431	08			16B	9			MCSHDO	01	MCHDRA	01	2	TT3	A2		02A			
19748		XA431	04											MCHDSA	02	MCHDSA	00	1	TT3	A1		04A		PORT C HOLD SET *	
19746		XA431	05											MCYHCA	02	MCHDRA	01	3	TT3	A2		03B			
19749		XA431	06			XA431	01			16B	9			MCENE01	07	MCHDSA	01	1	TT3	A1		05A			
19747		XA431	07											MCHDRA	02	MCHDRA	00	1	TT3	A2		03A		PORT C HOLD RESET*	
19750		XA431	08			XA432	14			16B	9			MCSHDO	02	MCHDSA	01	2	TT3	A1		06A			
20306		XA431	09			XA434	01			16B	9			MDENE01	07	MDHDSA	01	1	TT3	A3		04B			
19751		XA431	10			XA432	17			16B	9			MCYHCOX	01	MCHDSA	01	3	TT3	A1		07A			
20307		XA431	11			XA431	24			16B	9			MDSHDO	01	MDHDSA	01	2	TT3	A3		05B			
11940		XA431	12											+5V	01				TT3						
20308		XA431	13			XA422	75			16B	9			MDYHCOX	02	MDHDSA	01	3	TT3	A3		06B			
21071		XA431	14			XA421	66			16B	9			MCREQR1	03	MPBMRA	01	1	TT3	B2		09A			
20309		XA431	15											MDHDSA	02	MDHDSA	00	1	TT3	A3		07B		PORT D HOLD SET *	
11941		XA431	16											GND	01				TT3			21B			
21072		XA431	17			XA431	25			16B	9			MDREQR1	01	MPBMRA	01	2	TT3	B2		08B			
21073		XA431	18			XA431	21			16B	9			MTR060	03	MPBMRA	01	3	TT3	B2		10A			
21074		*XA431*	*19*			*XA434*	*66*			*16B*	*9*			*MPBMRA*	*01*	*MPBMRA*	*00*	*1*	*TT3*	*B2*		*09B*		*B ACCESS MEM RST*	
20302		XA431	20											MDHDRA	02	MDHDRA	00	1	TT3	B1		11A		PORT D HOLD RST *	
21097		XA431	21			XA431	79			16B	9			MTR060	04	MPCMRA	01	1	TT3	B3		10B			
20303		XA431	22			XA431	09			16B	9			MDENE01	06	MDHDRA	01	1	TT3	B1		12A			
21098		XA431	23											SPI025	07	MPCMRA	01	2	TT3	B3		11B			
20304		XA431	24			XA432	27			16B	9			MDSHDO	02	MDHDRA	01	2	TT3	B1		13A			
21099		XA431	25			XA433	43			16B	9			MDREQR1	02	MPCMRA	01	3	TT3	B3		12B			
20305		XA431	26											MDYHCA	02	MDHDRA	01	3	TT3	B1		14A			
21100		XA431	27			XA428	37			16B	9			MPCMRA	01	MPCMRA	00	1	TT3	B3		13B		C ACCESS MEM RST *	
11942		XA431	28											+5V	01				TT3						
19732		XA431	29			XA329	37			16B	9			MCY110X	03	MCHC1A	01	1	TT3	C2		14B			
19733		XA431	30											MPBA1Q	05	MCHC1A	01	2	TT3	C2		15A			
19734		XA431	31			XA433	53			16B	9			MCHC1A	01	MCHC1A	00	1	TT3	C2		15B		MBA 11 COMP PRT C*	
11943		XA431	32											GND	01				TT3			27A			
19736		XA431	33			XA432	76			16B	9			MCY120X	02	MCHC2A	01	1	TT3	C3		16B			
19735		XA431	34			XA434	31			16B	9			MCYS1TX	08	MCHC1A	01	3	TT3	C2		16A			
19737		XA431	35											MPBA2Q	05	MCHC2A	01	2	TT3	C3		17B			
19728		XA431	36											MCHC0A	02	MCHC0A	00	1	TT3	C1		17A		MBA 10 COMP PRT C*	
19738		XA431	37			XA431	34			16B	9			MCYS1TX	07	MCHC2A	01	3	TT3	C3		18B			
19729		XA431	38			XA432	71			16B	9			MCY100X	02	MCHC0A	01	1	TT3	C1		18A			
19739		XA431	39											MCHC2A	02	MCHC2A	00	1	TT3	C3		19B		MBA 12 COMP PRT C*	
19730		XA431	40											MPBA0Q	05	MCHC0A	01	2	TT3	C1		19A			
19760		XA431	41			XA432	72			16B	9			MCY10A	01	MCLC0A	01	1	TT3	D2		22B			
19731		XA431	42			XA431	37			16B	9			MCYS1TX	06	MCHC0A	01	3	TT3	C1		20A			
19761		XA431	43											MCLC0A	02	MCLC0A	00	1	TT3	D2		23B		MBA 10 COMP PRT C*	
11944		XA431	44											GND	01				TT3			40A			
19764		XA431	45			XA432	69			16B	9			MCY11A	01	MCLC1A	01	1	TT3	D3		24B			
CONNECTOR XA431) CONTINUED ON THE NEXT PAGE ****																									

RECORD NUMBER	FROM PREFIX	FROM CONNECTOR	FROM PIN	FROM SH FG	TO PREFIX	TO CONNECTOR	TO PIN	TO SH FG	WIRE MULTI GROUP	WIRE CODE	WIRE COLOR	WIRE IDENT	SPC INST MISC	SIGNAL	SEQ NO	EQUATION	TERM	FACTOR	CKT OR CHP TYPE	GROUP	LOAD OF POWER PLANE	TEST POINTS AND	TEST POINTS SP	SIGNAL DESCRIPTION	ECO NO
19762		XA431	46			XA428	17			16B	9			MPBA0P	01	MCLC0A	01	2	TT3	D2		21A			
19765		XA431	47			XA428	23			16B	9			MPBA1P	01	MCLC1A	01	2	TT3	D3		25B			
19763		XA431	48			XA431	42			16B	9			MCYS1TX	05	MCLC0A	01	3	TT3	D2		22A			
19766		XA431	49			XA431	48			16B	9			MCYS1TX	04	MCLC1A	01	3	TT3	D3		26B			
19740		XA431	50			XA433	77			16B	9			MCHC3A	01	MCHC3A	00	1	TT3	D1		23A		MBA 13 COMP PRT C*	
19767		XA431	51			XA433	55			16B	9			MCLC1A	01	MCLC1A	00	1	TT3	D3		27B		MBA 11 COMP PRT C*	
19741		XA431	52			XA433	71			16B	9			MCY130X	02	MCHC3A	01	1	TT3	D1		24A			
19772		XA431	53											MCY13A	02	MCLC3A	01	1	TT3	E2		28B			
19742		XA431	54											MPBA3Q	05	MCHC3A	01	2	TT3	D1		25A			
19773		XA431	55			XA433	79			16B	9			MCLC3A	01	MCLC3A	00	1	TT3	E2		29B		MBA 13 COMP PRT C*	
19743		XA431	56			XA431	49			16B	9			MCYS1TX	03	MCHC3A	01	3	TT3	D1		26A			
11945		XA431	57			XA431	65			16B	9			SPI017	01		01	1	TT3	E3		30B			
11946		XA431	58											GND	01				TT3			40B			
11947		XA431	59			XA431	71			16B	9			SPI023	08		01	2	TT3	E3		31B			
19774		XA431	60			XA428	30			16B	9			MPBA3P	01	MCLC3A	01	2	TT3	E2		28A			
11948		XA431	61			XA432	61			16B	9			SPI026	27		01	3	TT3	E3		32B			
19775		XA431	62			XA431	56			16B	9			MCYS1TX	02	MCLC3A	01	3	TT3	E2		29A			
11949		XA431	63											SPO	01		00	1	TT3	E3		33B			
19768		XA431	64											MCLC2A	02	MCLC2A	00	1	TT3	E1		30A		MBA 12 COMP PRT C*	
11950		XA431	65			XA430	78			16B	9			SPI017	02		01	1	TT3	F2		34B			
19769		XA431	66			XA432	80			16B	9			MCY12A	01	MCLC2A	01	1	TT3	E1		31A			
11951		XA431	67											GND	01				TT3						
19770		XA431	68			XA428	40			16B	9			MPBA2P	01	MCLC2A	01	2	TT3	E1		32A			
11952		XA431	69			XA431	61			16B	9			SPI026	26		01	1	TT3	E3		35A			
19771		XA431	70			XA431	62			16B	9			MCYS1TX	01	MCLC2A	01	3	TT3	E1		33A			
11953		XA431	71			XA431	78			16B	9			SPI023	09		01	2	TT3	F2		36A			
11954		XA431	72			XA431	69			16B	9			SPI026	25		01	3	TT3	F2		34A			
21093		XA431	73			XA434	68			16B	9			MPCDRA1	02	MPCDRA1	00	1	TT3	F1		36B		A & B ACS MEM RST*	
11955		XA431	74											SPO	01		00	1	TT3	F2		35B			
21094		XA431	75											MPCDE0	02	MPCDRA1	01	1	TT3	F1		37B			
11956		XA431	76											SPI027	03		01	2	TT3	F3		37A			
21095		XA431	77			XA431	17			16B	9			MDREQR1	001	MPCDRA1	01	2	TT3	F1		38B			
11957		XA431	78			XA430	77			16B	9			SPI023	10		01	3	TT3	F3		38A			
21096		XA431	79											MTR060	05	MPCDRA1	01	3	TT3	F1		39B			
11958		XA431	80											SPO	01		00	1	TT3	F3		39A			
20772		XA432	01			XA434	18			16B	9			MDY01A	01	MDY01A	00	1	TQ2	A2		02B		01 BIT PORT D *	
11959		XA432	02											GND	01				TQ2			01A			
19696		XA432	03			XA433	22			16B	9			MCACT0	01	MCCTSA1	01	1	TQ2	A3		02A			
20773		XA432	04			XA424	56			16B	9			MDY010X	02	MDY01A	01	1	TQ2	A2		04A			
20774		XA432	05			XA433	05			16B	9			SPI026	03	MDY01A	01	2	TQ2	A2		03B			
19975		XA432	06			XA434	24			16B	9			MCY01A	01	MCY01A	00	1	TQ2	A1		05A		01 BIT PORT C *	
19697		XA432	07			XA430	04			16B	9			MCREQS	03	MCCTSA1	01	2	TQ2	A3		03A			
19976		XA432	08			XA426	15			16B	9			MCY010X	02	MCY01A	01	1	TQ2	A1		06A			
19698		XA432	09			XA241	36			16B	9			MCCTSA1	02	MCCTSA1	00	1	TQ2	A3		04B		MBA ACT PRT G ENA*	
19977		XA432	10			XA433	13			16B	9			SPI026	06	MCY01A	01	2	TQ2	A1		07A			
20230		XA432	11			XA433	14			16B	9			MDACT0	01	MDCTSA1	01	1	TQ2	A4		05B			
11960		XA432	12											+5V	01				TQ2						
20231		XA432	13			XA433	45			16B	9			MDREQS	02	MDCTSA1	01	2	TQ2	A4		06B			
CONNECTOR XA432 CONTINUED ON THE NEXT PAGE ****																									

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RECORD NUMBER	FROM PREFIX	FROM CONNECTOR	FROM PIN	FROM SH FG	TO PREFIX	TO CONNECTOR	TO PIN	TO SH FG	WIRE MULTI GROUP	WIRE CODE	WIRE COLOR	WIRE IDENT	SPEC INST MISC	SIGNAL	SEQ NO	EQUATION	TERM	FACTOR	CKT OR CHIP TYPE	GROUP	LOAD OR POWER PLANE	TEST POINTS AND	TEST POINTS OR	SIGNAL DESCRIPTION	ECO NO
19925		XA432	14											MCSHD0	03	MCSHD0	00	1	TQ2	B2		09A		PORT C HOLD SAMPLE	
20232		XA432	15			XA241	37			16B	9			MDCTSA1	02	MDCTSA1	00	1	TQ2	A4		07B		MBA ACT PRT D ENA*	
11961		XA432	16											GND	01				TQ2			01B			
19939		XA432	17			XA424	35			16B	9			MCYHC0X	02	MCYHCA	01	1	TQ2	B3		08B			
19926		XA432	18			XA241	61			16B	9			MCSBRA1	03	MCSHD0	01	1	TQ2	B2		10A			
19940		XA432	19			XA430	36			16B	9			SPI026	11	MCYHCA	01	2	TQ2	B3		09B			
19927		XA432	20			XA338	26			16B	9			MTR01A	02	MCSHD0	01	2	TQ2	B2		11A			
19941		XA432	21			XA431	05			16B	9			MCYHCA	01	MCYHCA	00	1	TQ2	B3		10B		HLD CONTROL PRT C*	
19757		XA432	22			XA434	37			16B	9			MCHLDS	01	MCHLDS	00	1	TQ2	B1		12A		PORT C HOLD LATCH	
20602		XA432	23			XA241	62			16B	9			MDSBRA1	03	MDSHD0	01	1	TQ2	B4		11B			
19758		XA432	24			XA431	04			16B	9			MCHDSA	01	MCHLDS	01	1	TQ2	B1		13A			
20603		XA432	25			XA432	20			16B	9			MTR01A	01	MDSHD0	01	2	TQ2	B4		12B			
19759		XA432	26			XA337	50			16B	9			MCHLDR1	04	MCHLDS	01	2	TQ2	B1		14A			
20604		XA432	27											MDSHD0	03	MDSHD0	00	1	TQ2	B4		13B		PORT D HOLD SAMPLE	
11962		XA432	28											+5V	01				TQ2						
21075		XA432	29											MBENE0	10	MPBMSA	01	1	TQ2	C3		14B			
11963		XA432	30											SPO	02		00	1	TQ2	C2		15A		MASTER RST PRT D *	
21076		XA432	31			XA336	13			16B	9			MTR050	02	MPBMSA	01	2	TQ2	C3		15B			
11964		XA432	32											GND	01				TQ2			20B			
21077		XA432	33			XA433	40			16B	9			MPBMSA	01	MPBMSA	00	1	TQ2	C3		16B		B ACCESS MEM SET	
11965		XA432	34			XA432	40			16B	9			SPI005	08L		01	1	TQ2	C2		16A			
21101		XA432	35			XA432	31			16B	9			MTR050	01	MPCMSA	01	1	TQ2	C4		17B			
11966		XA432	36			XA338	42			16B	9			SPI020	061		01	2	TQ2	C2		17A			
21102		XA432	37			XA434	30			16B	9			MCENE01	04	MPCMSA	01	2	TQ2	C4		18B			
11967		XA432	38											SPO	02		00	1	TQ2	C1		18A		MASTER RST PRT C *	
21103		XA432	39			XA433	29			16B	9			MPCMSA	01	MPCMSA	00	1	TQ2	C4		19B		C ACCESS MEM SET *	
11968		XA432	40			XA430	30			16B	9			SPI005	085		01	1	TQ2	C1		19A			
19716		XA432	41			XA433	34			16B	9			MCENAA	05	MCENB0	01	1	TQ2	D3		22B			
11969		XA432	42			XA432	36			16B	9			SPI020	06		01	2	TQ2	C1		20A			
19717		XA432	43			XA432	50			16B	9			SPI026	15	MCENB0	01	2	TQ2	D3		23B			
11970		XA432	44											GND	01				TQ2			21B			
19703		XA432	45			XA329	76			16B	9		P	MCENB0	02	MCENAB	01	2	TQ2	D3		24B			
19718		XA432	45										J	MCENB0	01	MCENB0	00	1	TQ2	D3		24B		MCENAB BUSS A	
11971		XA432	46											MCENAB	22				TQ2	D2		21A			
19704		XA432	46			XA432	45			16B	9		P	MCENA0	01	MCENAB	01	1	TQ2	D2		21A		PRIORITY PORT C *	
19711		XA432	46										J	MCENA0	01	MCENA0	00	1	TQ2	D2		21A		MCENAB BUSS A	
19719		XA432	47			XA432	41			16B	9			MCENAA	04	MCENC0	01	1	TQ2	D4		25B			
19712		XA432	48			XA432	47			16B	9			MCENAA	03	MCENA0	01	1	TQ2	D2		22A			
19720		XA432	49			XA432	55			16B	9			SPI026	17	MCENC0	01	2	TQ2	D4		26B			
19713		XA432	50			XA432	49			16B	9			SPI026	16	MCENA0	01	2	TQ2	D2		23A			
19714		XA432	51			XA432	52			16B	9		P	MCENC0	15	MCENBB	01	1	TQ2	D4		27B		PRIORITY PORT C	
19721		XA432	51										J	MCENC0	01	MCENC0	00	1	TQ2	D4		27B		MCENBB BUSS B	
19715		XA432	52	3		XA329	03	3		16B	9		P	MCEND0	16	MCENBB	01	2	TQ2	D1		24A			
19722		XA432	52										J	MCEND0	01	MCEND0	00	1	TQ2	D1		24A		MCENBB BUSS B	
20254		XA432	53			XA434	57			16B	9			MDENAA	07	MDENB0	01	1	TQ2	E3		28B			
19723		XA432	54			XA432	48			16B	9			MCENAA	02	MCEND0	01	1	TQ2	D1		25A			
20255		XA432	55			XA432	56			16B	9			SPI026	18	MDENB0	01	2	TQ2	E3		29B			
19724		XA432	56			XA433	54			16B	9			SPI026	19	MCEND0	01	2	TQ2	D1		26A			
20241		XA432	57			XA328	76			16B	9		P	MDENB0	02	MDENAB	01	2	TQ2	E3		30B			
20256		XA432	57										J	MDENB0	01	MDENB0	00	1	TQ2	E3		30B		MDENAB BUSS A	

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DRAWING NUMBER 149304-880 UNIT ASSEMBLY NO. 149304 REV G INDEX XA432

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RECORD NUMBER	FROM PREFIX	FROM CONNECTOR	FROM PIN	FROM SHEET	TO PREFIX	TO CONNECTOR	TO PIN	TO SHEET	WIRE MULTI GROUP	WIRE CODE	WIRE COLOR	WIRE IDENT	SPC INST MISC	SIGNAL	SEC NO	EQUATION	TERM	FACTOR	CKT OR CHIP TYPE	GROUP	LOAD OR POWER PLANE	TEST POINTS ANC	TEST POINTS OR	SIGNAL DESCRIPTION	ECO NO
11972		XA432	58											GND	01				TQ2				27A		
20257		XA432	59			XA432	53			16B	9			MDENAA	06	MDENCO	01	1	TQ2	E4			31B		
11973		XA432	60											MDENAB	22				TQ2	E2			28A		
20242		XA432	60			XA432	57			16B	9		P	MDENAO	01	MDENAB	01	1	TQ2	E2			28A	PRIORITY PORT D	
20249		XA432	60										J	MDENAO	01	MDENAO	00	1	TQ2	E2			28A	MDENAB BUSS A	
20258		XA432	61			XA432	79			16B	9			SPI026	28	MDENCO	01	2	TQ2	E4			32B		
20250		XA432	62			XA432	59			16B	9			MDENAA	05	MDENAO	01	1	TQ2	E2			29A		
20252		XA432	63			XA432	66			16B	9		P	MDENCO	15	MDENBB	01	1	TQ2	E4			33B	PRIORITY PORT D	
20259		XA432	63										J	MDENCO	01	MDENCO	00	1	TQ2	E4			33B	MDENBB BUSS B	
20251		XA432	64			XA432	70			16B	9			SPI026	21	MDENAO	01	2	TQ2	E2			30A		
20033		XA432	65			XA431	29			16B	9			MCY110X	02	MCY11A	01	1	TQ2	F3			34B		
20253		XA432	66	3		XA327	23	3		16B	9		P	MDENDO	16	MDENBB	01	2	TQ2	E1			31A		
20260		XA432	66										J	MDENDO	01	MDENDO	00	1	TQ2	E1			31A	MDENBB BUSS B	
11974		XA432	67											GND	01				TQ2				40A		
20261		XA432	68			XA432	62			16B	9			MDENAA	04	MDENDO	01	1	TQ2	E1			32A		
20034		XA432	69											MCY11A	02	MCY11A	00	1	TQ2	F3			35A	11 BIT PORT C *	
20262		XA432	70			XA432	74			16B	9			SPI026	22	MDENDO	01	2	TQ2	E1			33A		
20026		XA432	71			XA426	57			16B	9			MCY100X	03	MCY10A	01	1	TQ2	F2			36A		
20027		XA432	72											MCY10A	02	MCY10A	00	1	TQ2	F2			34A	10 BIT PORT C *	
20028		XA432	73			XA431	72			16B	9			SPI026	24	MCY10A	01	2	TQ2	F2			36B		
20035		XA432	74			XA432	73			16B	9			SPI026	23	MCY11A	01	2	TQ2	F3			35B		
11975		XA432	75											SPO	01		00	1	TQ2	F1			37B		
20040		XA432	76			XA426	69			16B	9			MCY120X	03	MCY12A	01	1	TQ2	F4			37A		
11976		XA432	77			XA431	59			16B	9			SPI023	07		01	1	TQ2	E1			38B		
20041		XA432	78											SPI026	33	MCY12A	01	2	TQ2	F4			38A		
11977		XA432	79			XA430	75			16B	9			SPI026	29		01	2	TQ2	F1			39B		
20042		XA432	80											MCY12A	02	MCY12A	00	1	TQ2	F4			39A	12 BIT PORT C *	
20742		XA433	01			XA241	06			16B	9			MDYMIA1	02	MDYMIA1	00	1	TQ2	A2			02B	INHIBIT PORT D *	
11978		XA433	02											GND	01				TQ2				01A		
11979		XA433	03			XA433	11			16B	9			SPI005	08		01	1	TQ2	A3			02A		
20743		XA433	04			XA422	76			16B	9			MDYMIOX	01	MDYMIA1	01	1	TQ2	A2			04A		
20744		XA433	05			XA433	07			16B	9			SPI026	04	MDYMIA1	01	2	TQ2	A2			03B		
19946		XA433	06			XA241	05			16B	9			MCYMIA1	02	MCYMIA1	00	1	TQ2	A1			05A	INHIBIT PORT C *	
11980		XA433	07			XA432	10			16B	9			SPI026	05		01	2	TQ2	A3			03A		
19947		XA433	08			XA424	40			16B	9			MCYMIOX	01	MCYMIA1	01	1	TQ2	A1			06A		
11981		XA433	09											SPO	02		00	1	TQ2	A3			04B	MASTER RST PRT C *	
19948		XA433	10			XA432	05			16B	9			SPI026	02	MCYMIA1	01	2	TQ2	A1			07A		
11982		XA433	11			XA432	34			16B	9			SPI005	08C		01	1	TQ2	A4			05B		
11983		XA433	12											+5V	01				TQ2						
11984		XA433	13			XA433	25			16B	9			SPI026	07		01	2	TQ2	A4			06B		
20131		XA433	14											MDACTO	02	MDACTO	00	1	TQ2	B2			09A	MBA ACT PORT D INV	
11985		XA433	15											SPO	02		00	1	TQ2	A4			07B	MASTER RST PRT D *	
11986		XA433	16											GND	01				TQ2				01B		
20315		XA433	17			XA431	15			16B	9			MDHDSA	01	MDHLDS	01	1	TQ2	B3			08B		
20132		XA433	18											MDACTA	02	MDACTO	01	1	TQ2	B2			10A		
20316		XA433	19			XA430	07			16B	9			MDHLDR1	04	MDHLDS	01	2	TQ2	B3			09B		
20133		XA433	20			XA432	19			16B	9			SPI026	10	MDACTO	01	2	TQ2	B2			11A		
20317		XA433	21			XA434	49			16B	9			MDHLDS	01	MDHLDS	00	1	TQ2	B3			10B	PORT D HOLD LATCH	
CONNECTOR XA433) CONTINUED ON THE NEXT PAGE ****																									

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RECORD NUMBER	FROM PREFIX	FROM CONNECTOR	FROM PIN	FROM SH FG	TO PREFIX	TO CONNECTOR	TO PIN	TO SH FG	WIRE MULTI GROUP	WIRE CODE	WIRE COLOR	WIRE IDENT	SPEC INST MISC	SIGNAL	SEQ NO	EQUATION	TERM	FACTOR	CKT OR CHIP TYPE	SPOF	LOAD OR POWER PLANE	TEST POINTS AND	TEST POINTS OR	SIGNAL DESCRIPTION	ECO NO
19693		XA433	22											MCACTO	02	MCACTO	00	1	TQ2	B1		12	A	MBA ACT PORT C INV	
20735		XA433	23			XA431	13			16B	9			MDYHCOX	01	MDYHCA	01	1	TQ2	B4		11	B		
19694		XA433	24			XA434	23			16B	9			MCACTA	01	MCACTO	01	1	TQ2	B1		13	A		
20736		XA433	25			XA433	26			16B	9			SPI026	08	MDYHCA	01	2	TQ2	B4		12	B		
19695		XA433	26			XA433	20			16B	9			SPI026	09	MCACTO	01	2	TQ2	B1		14	A		
20737		XA433	27			XA431	26			16B	9			MDYHCA	01	MDYHCA	00	1	TQ2	B4		13	B	HLD CONTROL PRT D*	
11987		XA433	28											+5V	01				TQ2						
21213		XA433	29											MPCMSA	02	MPPCMS	01	1	TQ2	C3		14	B		
21090		XA433	30			XA431	75			16B	9			MPCDEO	01	MPCDEO	00	1	TQ2	C2		15	A	PORT CORD ENABLED	
21214		XA433	31			XA430	05			16B	9			MPPCMR	02	MPPCMS	01	2	TQ2	C3		15	B		
11988		XA433	32											GND	01				TQ2			20	B		
21215		XA433	33			XA428	33			16B	9			MPPCMS	01	MPPCMS	00	1	TQ2	C3		16	B	C ACCESS MEM	
21091		XA433	34											MCENAA	06	MPCDEO	01	1	TQ2	C2		16	A		
11989		XA433	35			XA430	73			16B	9			SPI020	00		01	1	TQ2	C4		17	B		
21092		XA433	36											MDENAA	09	MPCDEO	01	2	TQ2	C2		17	A		
11990		XA433	37			XA431	57			16B	9			SPI017	00		01	2	TQ2	C4		18	B		
21197		XA433	38											MPPBMS	02	MPPBMS	00	1	TQ2	C1		18	A	B ACCESS MEM	
11991		XA433	39											SPO	02		00	1	TQ2	C4		19	B		
21198		XA433	40											MPBMSA	02	MPPBMS	01	1	TQ2	C1		19	A		
20472		XA433	41			XA430	59			16B	9			MDREQA	01	MDREQS	01	1	TQ2	D3		22	B		
21199		XA433	42			XA421	23			16B	9			MPPBMR1	03	MPPBMS	01	2	TQ2	C1		20	A		
20473		XA433	43			XA434	69			16B	9			MDREQR1	03	MDREQS	01	2	TQ2	D3		23	B		
11992		XA433	44											GND	01				TQ2			21	B		
20474		XA433	45			XA434	71			16B	9			MDREQS	03	MDREQS	00	1	TQ2	D3		24	B	PORT D REQUEST	
19914		XA433	46			XA432	07			16B	9			MCREQS	02	MCREQS	00	1	TQ2	D2		21	A	PORT C REQUEST	
19917		XA433	47			XA432	37			16B	9			MCENEQ1	02	MCRQRA	01	1	TQ2	D4		25	B		
19915		XA433	48											MCREQA	02	MCREQS	01	1	TQ2	D2		22	A		
19918		XA433	49			XA432	35			16B	9			MTR050	001	MCRQRA	01	2	TQ2	D4		26	B		
19916		XA433	50			XA431	14			16B	9			MCREQR1	02	MCREQS	01	2	TQ2	D2		23	A		
19919		XA433	51			XA434	77			16B	9			MCRQRA	01	MCRQRA	00	1	TQ2	D4		27	B	PRT C REQ RST *	
11993		XA433	52											SPO	01		00	1	TQ2	D1		24	A		
19779		XA433	53											MCMC1A	02	MCMC1Q	01	1	TQ2	E3		28	B		
11994		XA433	54			XA432	64			16B	9			SPI026	20		01	1	TQ2	D1		25	A		
19780		XA433	55											MCLC1A	02	MCMC1Q	01	2	TQ2	E3		29	B		
11995		XA433	56			XA432	77			16B	9			SPI023	06		01	2	TQ2	D1		26	A		
19781		XA433	57											MCMC1Q	02	MCMC1Q	00	1	TQ2	E3		30	B	MBA PORT C BIT 11	
11996		XA433	58											GND	01				TQ2			27	A		
19782		XA433	59			XA431	39			16B	9			MCHC2A	01	MCMC2Q	01	1	TQ2	E4		31	B		
19776		XA433	60			XA430	43			16B	9			MCMC00	01	MCMC00	00	1	TQ2	E2		28	A	MBA PORT C BIT 10	
19783		XA433	61			XA431	64			16B	9			MCLC2A	01	MCMC2Q	01	2	TQ2	E4		32	B		
19777		XA433	62			XA431	36			16B	9			MCHC0A	01	MCMC00	01	1	TQ2	E2		29	A		
19784		XA433	63			XA430	48			16B	9			MCMC2Q	01	MCMC2Q	00	1	TQ2	E4		33	B	MBA PORT C BIT 12	
19778		XA433	64			XA431	43			16B	9			MCLC0A	01	MCMC00	01	2	TQ2	E2		30	A		
19793		XA433	65											MCMMCA	02	MCMMCO	01	1	TQ2	F3		34	B		
20495		XA433	66			XA434	72			16B	9			MDRQRA	01	MDRQRA	00	1	TQ2	E1		31	A	PRT D REQUEST RST*	
11997		XA433	67											GND	01				TQ2			40	A		
20496		XA433	68			XA434	43			16B	9			MDENE01	02	MDRQRA	01	1	TQ2	E1		32	A		
19794		XA433	69											MCMMCO	02	MCMMCO	00	1	TQ2	F3		35	A	MBA COMP PT C 6=9	
20497		XA433	70			XA433	49			16B	9			MTR050	00	MDRQRA	01	2	TQ2	E1		33	A		
20047		XA433	71			XA426	75			16B	9			MCY130X	03	MCY13A	01	1	TQ2	F2		36	A		

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RECORD NUMBER	FROM				TO				WIRE				SIGNAL	SEQ NO	EQUATION	TERM	FACTOR	CKT OR CHIP TYPE	GROUP	LOAD OR POWER PLANE	TEST POINTS		SIGNAL DESCRIPTION	ECO NO
	PREFIX	CONNECTOR	PIN	SH FG	PREFIX	CONNECTOR	PIN	SH FG	MULTI GROUP	CODE	COLOR	IDENT									END	DR		
20048		XA433	72			XA431	53			16B	9		MCY13A	01	MCY13A	00	1	TQ2	F2		34A		13 BIT PORT C*	
20049		XA433	73			XA516	10			16B	9		SPI028	05	MCY13A	01	2	TQ2	F2		36B			
19795		XA433	74			XA433	73			16B	9		SPI028	04	MCMMC0	01	2	TQ2	F3		35B			
19785		XA433	75										MCMC30	02	MCMC30	00	1	TQ2	F1		37B		MBA PORT C BIT 13	
20351		XA433	76										MDMMCA	02	MDMMC0	01	1	TQ2	F4		37A			
19786		XA433	77										MCHC3A	02	MCMC30	01	1	TQ2	F1		38B			
20352		XA433	78			XA433	74			16B	9		SPI028	03	MDMMC0	01	2	TQ2	F4		38A			
19787		XA433	79										MCLC3A	02	MCMC30	01	2	TQ2	F1		39B			
20353		XA433	80										MDMMC0	02	MDMMC0	00	1	TQ2	F4		39A		MBA COMP PT D 6-9	
20453		XA434	01			XA421	24			16B	9		MDENE01	08	MDREDA	01	1	TD4	A2		02B			
11998		XA434	02										GND	01				TD4			01A			
11999		XA434	03										DNW	01				TD4						
20454		XA434	04			XA434	08			16B	9		MPCWMA	05	MDREDA	01	2	TD4	A2		04A			
20455		XA434	05			XA434	10			16B	9		MDDDJA4	09	MDREDA	01	3	TD4	A2		03B			
19895		XA434	06			XA431	06			16B	9		MCENE01	06	MCREDA	01	1	TD4	A1		05A			
20456		XA434	07			XA239	13			16B	9		MPREDD	BB	MDREDA	01	4	TD4	A2		03A			
19896		XA434	08										MPCWMA	06	MCREDA	01	2	TD4	A1		06A			
20457		XA434	09			XA422	06			16B	9		MDREDA	01	MDREDA	00	1	TD4	A2		04B		PRT D I/O OUT ENA*	
19897		XA434	10			XA321	17			16B	9		MDDDJA4	10	MCREDA	01	3	TD4	A1		07A			
19898		XA434	11										MCREDA	10	MCREDA	00	1	TD4	A1		05B		PRT C I/O OUT ENA*	
12000		XA434	12										+5V	01				TD4						
19899		XA434	13			XA434	07			16B	9		MPREDD	AA	MCREDA	01	4	TD4	A1		06B			
20126		XA434	14			XA424	47			16B	9		MDY000X	02	MDACTA	01	1	TD4	B2		09A			
12001		XA434	15										DNW	01				TD4						
12002		XA434	16										GND	01				TD4			20B			
12003		XA434	17										DNW	01				TD4						
20127		XA434	18										MDY01A	02	MDACTA	01	2	TD4	B2		10A			
20128		XA434	19			XA422	10			16B	9		MDY260X	01	MDACTA	01	3	TD4	B2		09B			
20129		XA434	20			XA422	03			16B	9		MDY270X	01	MDACTA	01	4	TD4	B2		11A			
20130		XA434	21			XA433	18			16B	9		MDACTA	01	MDACTA	00	1	TD4	B2		10B		MBA ACT PRT D DEC*	
19688		XA434	22			XA426	09			16B	9		MCY000X	02	MCACTA	01	1	TD4	B1		12A			
19689		XA434	23										MCACTA	02	MCACTA	00	1	TD4	B1		11B		MBA ACT PRT C DEC*	
19690		XA434	24										MCY01A	02	MCACTA	01	2	TD4	B1		13A			
19691		XA434	25			XA425	57			16B	9		MCY260X	02	MCACTA	01	3	TD4	B1		12B			
19692		XA434	26			XA425	48			16B	9		MCY270X	02	MCACTA	01	4	TD4	B1		14A			
12004		XA434	27										DNW	01				TD4						
12005		XA434	28										+5V	01				TD4						
12006		XA434	29										DNW	01				TD4						
19920		XA434	30			XA434	06			16B	9		MCENE01	05	MCSBRA1	01	1	TD4	C2		15A			
19921		XA434	31			XA321	73			16B	9		MCYS1TX	09	MCSBRA1	01	2	TD4	C2		15B			
12007		XA434	32										GND	01				TD4			21B			
19922		XA434	33			XA432	18			16B	9		MCSBRA1	02	MCSBRA1	00	1	TD4	C2		16B		S1B RCVD PORT A*	
19923		XA434	34										MCYACA	02	MCSBRA1	01	3	TD4	C2		16A			
19752		XA434	35			XA432	26			16B	9		MCHLDR1	03	MCHLDR1	00	1	TD4	C1		17B		PORT C HOLD LATCH*	
19924		XA434	36			XA239	70			16B	9		MPSBGO	02	MCSBRA1	01	4	TD4	C2		17A			
19753		XA434	37										MCHLDS	02	MCHLDR1	01	1	TD4	C1		18B			
19754		XA434	38			XA431	07			16B	9		MCHDRA	01	MCHLDR1	01	2	TD4	C1		18A			
12008		XA434	39										DNW	01				TD4						
CONNECTOR XA434) CONTINUED ON THE NEXT PAGE ****																								

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RECORD NUMBER	FROM PREFIX	FROM CONNECTOR	FROM PIN	FROM SH FG	TO PREFIX	TO CONNECTOR	TO PIN	TO SH FG	WIRE VOLT GROUP	WIRE CODE	WIRE COLOR	WIRE IDENT	SPEC INST MISC	SIGNAL	SEQ NO	EQUATION	TERM	FACTOR	CKT OR CHIP TYPE	GROUP	LOAD OR POWER PLANE	TEST POINTS AND	TEST POINTS OR	SIGNAL DESCRIPTION	ECO NO
19755		XA434	40			XA334	34			16B	9			MPACTS	02	MCHLDR1	01	3	TD4	C1		19A			
12009		XA434	41											DNW	01				TD4						
19756		XA434	42			XA434	56			16B	9			MPMRFB	19	MCHLDR1	01	4	TD4	C1		20A			
20597		XA434	43			XA431	22			16B	9			MDENE01	03	MDSBRA1	01	1	TD4	D2		23B			
12010		XA434	44											GND	01				TD4			27A			
20598		XA434	45			XA432	23			16B	9			MDSBRA1	02	MDSBRA1	00	1	TD4	D2		24B		S/B RCVD PORT D *	
20599		XA434	46			XA428	42			16B	9			MDYS1TX	01	MDSBRA1	01	2	TD4	D2		21A			
20310		XA434	47			XA433	19			16B	9			MDHLDR1	03	MDHLDR1	00	1	TD4	D1		25B		PORT D HOLD LATCH*	
20600		XA434	48			XA429	63			16B	9			MDYACA	01	MDSBRA1	01	3	TD4	D2		22A			
20311		XA434	49											MDHLDS	02	MDHLDR1	01	1	TD4	D1		26B			
20601		XA434	50			XA434	36			16B	9			MPSBGO	01	MDSBRA1	01	4	TD4	D2		23A			
12011		XA434	51											DNW	01				TD4						
20312		XA434	52			XA431	20			16B	9			MDHDRA	01	MDHLDR1	01	2	TD4	D1		24A			
12012		XA434	53											DNW	01				TD4						
20313		XA434	54			XA434	40			16B	9			MPACTS	01	MDHLDR1	01	3	TD4	D1		25A			
20236		XA434	55			XA428	45			16B	9			MAENAP	04	MDENAA	01	1	TD4	E2		29B			
20314		XA434	56			XA434	78			16B	9			MPMRFB	20	MDHLDR1	01	4	TD4	D1		26A			
20237		XA434	57			XA433	36			16B	9			MDENAA	08	MDENAA	00	1	TD4	E2		30B			
12013		XA434	58											GND	01				TD4			40A			
21192		XA434	59			XA433	42			16B	9			MPPBMR1	02	MPPBMR1	00	1	TD4	E1		31B		B ACCESS MEM *	
20238		XA434	60			XA428	47			16B	9			MBENAP	03	MDENAA	01	2	TD4	E2		28A			
21193		XA434	61			XA433	38			16B	9			MPPBMS	01	MPPBMR1	01	1	TD4	E1		32B			
20239		XA434	62											MCENAP1	04	MDENAA	01	3	TD4	E2		29A			
12014		XA434	63											DNW	01				TD4						
20240		XA434	64											MDENAQ	02	MDENAA	01	4	TD4	E2		30A			
12015		XA434	65											DNW	01				TD4						
21194		XA434	66											MPBMRA	02	MPPBMR1	01	2	TD4	E1		31A			
12016		XA434	67											GND	01				TD4			40B			
21195		XA434	68			XA239	62			16B	9			MPCDRA1	03	MPPBMR1	01	3	TD4	E1		32A			
20467		XA434	69			XA228	62			16B	9			MDREQR1	04	MDREQR1	00	1	TD4	F2		35A		PRT D REQUEST *	
21196		XA434	70			XA430	18			16B	9			MBHLDR	01	MPPBMR1	01	4	TD4	E1		33A			
20468		XA434	71											MDREQS	04	MDREQR1	01	1	TD4	F2		36A			
20469		XA434	72											MDRQRA	02	MDREQR1	01	2	TD4	F2		34A			
20470		XA434	73											MPMRFB	22	MDREQR1	01	3	TD4	F2		36B			
20471		XA434	74			XA430	25			16B	9			MPACIO	02	MDREQR1	01	4	TD4	F2		35B			
19909		XA434	75			XA433	46			16B	9			MCREQS	01	MCREQR1	01	1	TD4	F1		37B			
19910		XA434	76			XA433	50			16B	9			MCREQR1	01	MCREQR1	00	1	TD4	F1		37A		PRT C REQUEST *	
19911		XA434	77											MCRQRA	02	MCREQR1	01	2	TD4	F1		38B			
19912		XA434	78			XA434	73			16B	9			MPMRFB	21	MCREQR1	01	3	TD4	F1		38A			
19913		XA434	79			XA434	74			16B	9			MPACIO	01	MCREQR1	01	4	TD4	F1		39B			
12017		XA434	80											DNW	01				TD4						
12018		XA435	01											SPP	01										
12019		XA435	02											GND	01										
12020		XA435	03											SPP	01										
12021		XA435	04											SPP	01										
12022		XA435	05											SPP	01										
12023		XA435	06											SPP	01										
12024		XA435	07											SPP	01										
CONNECTOR XA435) CONTINUED ON THE NEXT PAGE ****																									

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DRAWING NUMBER 149304-880 UNIT ASSEMBLY NO. 149304 REV G INDEX XA435

UNIT ASSEMBLY CARD CAGE WIRED, MCU CONNECTOR FILE IDENT T39AMCMU DATE 09-02-82 PAGE 388

RECORD NUMBER	FROM PREFIX	FROM CONNECTOR	FROM PIN	FROM SH FG	TO PREFIX	TO CONNECTOR	TO PIN	TO SH FG	WIRE MULTI GROUP	WIRE CODE	WIRE COLOR	WIRE IDENT	SPC TEST WISE	SIGNAL	SEC NO	EQUATION	TERM	FACTOR	CKT OR CHIP TYPE	GROUP	LOAD CP POWER PLANE	TEST POINTS AND	TEST POINTS OR	SIGNAL DESCRIPTION	ECO NO
12025		XA435	08											SPP	01										
12026		XA435	09											SPP	01										
12027		XA435	10											SPP	01										
12028		XA435	11											SPP	01										
12029		XA435	12											+5V	01										
12030		XA435	13											SPP	01										
12031		XA435	14											SPP	01										
12032		XA435	15											SPP	01										
12033		XA435	16											GND	01										
12034		XA435	17											SPP	01										
12035		XA435	18											SPP	01										
12036		XA435	19											SPP	01										
12037		XA435	20											SPP	01										
12038		XA435	21											SPP	01										
12039		XA435	22											SPP	01										
12040		XA435	23											SPP	01										
12041		XA435	24											SPP	01										
12042		XA435	25											SPP	01										
12043		XA435	26											SPP	01										
12044		XA435	27											SPP	01										
12045		XA435	28											+5V	01										
12046		XA435	29											SPP	01										
12047		XA435	30											SPP	01										
12048		XA435	31											SPP	01										
12049		XA435	32											GND	01										
12050		XA435	33											SPP	01										
12051		XA435	34											SPP	01										
12052		XA435	35											SPP	01										
12053		XA435	36											SPP	01										
12054		XA435	37											SPP	01										
12055		XA435	38											SPP	01										
12056		XA435	39											SPP	01										
12057		XA435	40											SPP	01										
12058		XA435	41											SPP	01										
12059		XA435	42											SPP	01										
12060		XA435	43											SPP	01										
12061		XA435	44											GND	01										
12062		XA435	45											SPP	01										
12063		XA435	46											SPP	01										
12064		XA435	47											SPP	01										
12065		XA435	48											SPP	01										
12066		XA435	49											SPP	01										
12067		XA435	50											SPP	01										
12068		XA435	51											SPP	01										
12069		XA435	52											SPP	01										
12070		XA435	53											SPP	01										
12071		XA435	54											SPP	01										
12072		XA435	55											SPP	01										
12073		XA435	56											SPP	01										
12074		XA435	57											SPP	01										
CONNECTOR XA435) CONTINUED ON THE NEXT PAGE ****																									

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RECORD NUMBER	FROM PREFIX	FROM CONNECTOR	FROM PIN	FROM SH FG	TO PREFIX	TO CONNECTOR	TO PIN	TO SH FG	WIRE MULTI GROUP	WIRE CODE	WIRE COLOR	WIRE IDENT	SPEC INST NUMS	SIGNAL	SIG NO	EQUATION	TERM FACTOR	CKT OR CHIP TYPE	SPEC	LOAD OR POWER PLANE	TEST POINTS AND	TEST POINTS OR	SIGNAL DESCRIPTION	ECO NO
12075		XA435	58											GND	01									
12076		XA435	59											SPP	01									
12077		XA435	60											SPP	01									
12078		XA435	61											SPP	01									
12079		XA435	62											SPP	01									
12080		XA435	63											SPP	01									
12081		XA435	64											SPP	01									
12082		XA435	65											SPP	01									
12083		XA435	66											SPP	01									
12084		XA435	67											GND	01									
12085		XA435	68											SPP	01									
12086		XA435	69											SPP	01									
12087		XA435	70											SPP	01									
12088		XA435	71											SPP	01									
12089		XA435	72											SPP	01									
12090		XA435	73											SPP	01									
12091		XA435	74											SPP	01									
12092		XA435	75											SPP	01									
12093		XA435	76											SPP	01									
12094		XA435	77											SPP	01									
12095		XA435	78											SPP	01									
12096		XA435	79											SPP	01									
12097		XA435	80											SPP	01									
12098		XA436	01											SPP	01									
12099		XA436	02											GND	01									
12100		XA436	03											SPP	01									
12101		XA436	04											SPP	01									
12102		XA436	05											SPP	01									
12103		XA436	06											SPP	01									
12104		XA436	07											SPP	01									
12105		XA436	08											SPP	01									
12106		XA436	09											SPP	01									
12107		XA436	10											SPP	01									
12108		XA436	11											SPP	01									
12109		XA436	12											+5V	01									
12110		XA436	13											SPP	01									
12111		XA436	14											SPP	01									
12112		XA436	15											SPP	01									
12113		XA436	16											GND	01									
12114		XA436	17											SPP	01									
12115		XA436	18											SPP	01									
12116		XA436	19											SPP	01									
12117		XA436	20											SPP	01									
12118		XA436	21											SPP	01									
12119		XA436	22											SPP	01									
12120		XA436	23											SPP	01									
12121		XA436	24											SPP	01									
12122		XA436	25											SPP	01									

CONNECTOR (XA436) CONTINUED ON THE NEXT PAGE ****

RECORD NUMBER	FROM PREFIX	FROM CONNECTOR	FROM PIN	FROM SH FG	TO PREFIX	TO CONNECTOR	TO PIN	TO SH FG	WIRE MULTI GROUP	WIRE CODE	WIRE COLOR	WIRE IDENT	SPC INST MISC	SIGNAL	SEQ NO	EQUATION	T-TERM	FACTOR	CKT OR CHIP TYPE	GROUP	LOAD OR POWER PLANE	TEST POINTS AND	TEST POINTS OR	SIGNAL DESCRIPTION	ECO NO
12123		XA436	26											SPP	01										
12124		XA436	27											SPP	01										
12125		XA436	28											+5V	01										
12126		XA436	29											SPP	01										
12127		XA436	30											SPP	01										
12128		XA436	31											SPP	01										
12129		XA436	32											GND	01										
12130		XA436	33											SPP	01										
12131		XA436	34											SPP	01										
12132		XA436	35											SPP	01										
12133		XA436	36											SPP	01										
12134		XA436	37											SPP	01										
12135		XA436	38											SPP	01										
12136		XA436	39											SPP	01										
12137		XA436	40											SPP	01										
12138		XA436	41											SPP	01										
12139		XA436	42											SPP	01										
12140		XA436	43											SPP	01										
12141		XA436	44											GND	01										
12142		XA436	45											SPP	01										
12143		XA436	46											SPP	01										
12144		XA436	47											SPP	01										
12145		XA436	48											SPP	01										
12146		XA436	49											SPP	01										
12147		XA436	50											SPP	01										
12148		XA436	51											SPP	01										
12149		XA436	52											SPP	01										
12150		XA436	53											SPP	01										
12151		XA436	54											SPP	01										
12152		XA436	55											SPP	01										
12153		XA436	56											SPP	01										
12154		XA436	57											SPP	01										
12155		XA436	58											GND	01										
12156		XA436	59											SPP	01										
12157		XA436	60											SPP	01										
12158		XA436	61											SPP	01										
12159		XA436	62											SPP	01										
12160		XA436	63											SPP	01										
12161		XA436	64											SPP	01										
12162		XA436	65											SPP	01										
12163		XA436	66											SPP	01										
12164		XA436	67											GND	01										
12165		XA436	68											SPP	01										
12166		XA436	69											SPP	01										
12167		XA436	70											SPP	01										
12168		XA436	71											SPP	01										
12169		XA436	72											SPP	01										
12170		XA436	73											SPP	01										
12171		XA436	74											SPP	01										
12172		XA436	75											SPP	01										

CONNECTOR XA436) CONTINUED ON THE NEXT PAGE ****

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DRAWING NUMBER 149304-880 UNIT ASSEMBLY NO. 149304 REV G INDEX XA436

UNIT ASSEMBLY CARD CAGE WIRED, MCU CONNECTOR FILE IDENT T39AMCMU DATE 09-02-82 PAGE 391

RECORD NUMBER	FROM PREFIX	FROM CONNECTOR	FROM PIN	FROM SHEET	TO PREFIX	TO CONNECTOR	TO PIN	TO SHEET	WIRE MULTI GROUP	WIRE CODE	WIRE COLOR	WIRE IDENT	SPECIAL INSTRUCTIONS	SIGNAL	SEQ NO	EQUATION	TERM	FACTOR	CKT OR CHIP TYPE	GROUP	LOAD OR POWER PLANE	TEST POINTS AND	TEST POINTS OR	SIGNAL DESCRIPTION	ECO NO
12173		XA436	76											SPP	01										
12174		XA436	77											SPP	01										
12175		XA436	78											SPP	01										
12176		XA436	79											SPP	01										
12177		XA436	80											SPP	01										
12178		XA437	01											SPP	01										
12179		XA437	02											GND	01										
12180		XA437	03											SPP	01										
12181		XA437	04											SPP	01										
12182		XA437	05											SPP	01										
12183		XA437	06											SPP	01										
12184		XA437	07											SPP	01										
12185		XA437	08											SPP	01										
12186		XA437	09											SPP	01										
12187		XA437	10											SPP	01										
12188		XA437	11											SPP	01										
12189		XA437	12											+5V	01										
12190		XA437	13											SPP	01										
12191		XA437	14											SPP	01										
12192		XA437	15											SPP	01										
12193		XA437	16											GND	01										
12194		XA437	17											SPP	01										
12195		XA437	18											SPP	01										
12196		XA437	19											SPP	01										
12197		XA437	20											SPP	01										
12198		XA437	21											SPP	01										
12199		XA437	22											SPP	01										
12200		XA437	23											SPP	01										
12201		XA437	24											SPP	01										
12202		XA437	25											SPP	01										
12203		XA437	26											SPP	01										
12204		XA437	27											SPP	01										
12205		XA437	28											+5V	01										
12206		XA437	29											SPP	01										
12207		XA437	30											SPP	01										
12208		XA437	31											SPP	01										
12209		XA437	32											GND	01										
12210		XA437	33											SPP	01										
12211		XA437	34											SPP	01										
12212		XA437	35											SPP	01										
12213		XA437	36											SPP	01										
12214		XA437	37											SPP	01										
12215		XA437	38											SPP	01										
12216		XA437	39											SPP	01										
12217		XA437	40											SPP	01										
12218		XA437	41											SPP	01										
12219		XA437	42											SPP	01										
12220		XA437	43											SPP	01										

CONNECTOR (XA437) CONTINUED ON THE NEXT PAGE ****

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DRAWING NUMBER 149304-880 UNIT ASSEMBLY NO. 149304 REV G INDEX XA437

UNIT ASSEMBLY CARD CAGE WIRED, MCU CONNECTOR FILE IDENT T39AMCMU DATE 09-02-82 PAGE 392

RECORD NUMBER	FROM PREFIX	FROM CONNECTOR	FROM PIN	FROM SH FG	TO PREFIX	TO CONNECTOR	TO PIN	TO SH FG	WIRE MULTI GROUP	WIRE CODE	WIRE COLOR	WIRE IDENT	SPC INST MISC	SIGNAL	SEC NO	EQUATION	TERM	FACTOR	CKT OR CHIP TYPE	GROUP	LOAD OR POWER PLANE	TEST POINTS AND	TEST POINTS OR	SIGNAL DESCRIPTION	ECO NO
12221		XA437	44											GND	01										
12222		XA437	45											SPP	01										
12223		XA437	46											SPP	01										
12224		XA437	47											SPP	01										
12225		XA437	48											SPP	01										
12226		XA437	49											SPP	01										
12227		XA437	50											SPP	01										
12228		XA437	51											SPP	01										
12229		XA437	52											SPP	01										
12230		XA437	53											SPP	01										
12231		XA437	54											SPP	01										
12232		XA437	55											SPP	01										
12233		XA437	56											SPP	01										
12234		XA437	57											SPP	01										
12235		XA437	58											GND	01										
12236		XA437	59											SPP	01										
12237		XA437	60											SPP	01										
12238		XA437	61											SPP	01										
12239		XA437	62											SPP	01										
12240		XA437	63											SPP	01										
12241		XA437	64											SPP	01										
12242		XA437	65											SPP	01										
12243		XA437	66											SPP	01										
12244		XA437	67											GND	01										
12245		XA437	68											SPP	01										
12246		XA437	69											SPP	01										
12247		XA437	70											SPP	01										
12248		XA437	71											SPP	01										
12249		XA437	72											SPP	01										
12250		XA437	73											SPP	01										
12251		XA437	74											SPP	01										
12252		XA437	75											SPP	01										
12253		XA437	76											SPP	01										
12254		XA437	77											SPP	01										
12255		XA437	78											SPP	01										
12256		XA437	79											SPP	01										
12257		XA437	80											SPP	01										
12258		XA438	01											SPP	01										
12259		XA438	02											GND	01										
12260		XA438	03											SPP	01										
12261		XA438	04											SPP	01										
12262		XA438	05											SPP	01										
12263		XA438	06											SPP	01										
12264		XA438	07											SPP	01										
12265		XA438	08											SPP	01										
12266		XA438	09											SPP	01										
12267		XA438	10											SPP	01										
12268		XA438	11											SPP	01										

CONNECTOR (XA438) CONTINUED ON THE NEXT PAGE ****

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DRAWING NUMBER 149304-880 UNIT ASSEMBLY NO. 149304 REV G INDEX XA438

UNIT ASSEMBLY CARD CAGE WIRED, MCU CONNECTOR FILE IDENT T39AMCMU DATE 09-02-82 PAGE 393

RECORD NUMBER	FROM			SH FG	TO			SH FG	WIRE				SPEC INST MISC	SIGNAL	SPEC NO	EQUATION	TERM	FACTOR	CKT OR CHIP TYPE	GROUP	LOAD OR POWER PLANE	TEST POINTS		SIGNAL DESCRIPTION	ECO NO
	PREFIX	CONNECTOR	PIN		PREFIX	CONNECTOR	PIN		MULTI GROUP	CODE	COLOR	IDENT										AND	OR		
12269		XA438	12											+5V	01										
12270		XA438	13											SPP	01										
12271		XA438	14											SPP	01										
12272		XA438	15											SPP	01										
12273		XA438	16											GND	01										
12274		XA438	17											SPP	01										
12275		XA438	18											SPP	01										
12276		XA438	19											SPP	01										
12277		XA438	20											SPP	01										
12278		XA438	21											SPP	01										
12279		XA438	22											SPP	01										
12280		XA438	23											SPP	01										
12281		XA438	24											SPP	01										
12282		XA438	25											SPP	01										
12283		XA438	26											SPP	01										
12284		XA438	27											SPP	01										
12285		XA438	28											+5V	01										
12286		XA438	29											SPP	01										
12287		XA438	30											SPP	01										
12288		XA438	31											SPP	01										
12289		XA438	32											GND	01										
12290		XA438	33											SPP	01										
12291		XA438	34											SPP	01										
12292		XA438	35											SPP	01										
12293		XA438	36											SPP	01										
12294		XA438	37											SPP	01										
12295		XA438	38											SPP	01										
12296		XA438	39											SPP	01										
12297		XA438	40											SPP	01										
12298		XA438	41											SPP	01										
12299		XA438	42											SPP	01										
12300		XA438	43											SPP	01										
12301		XA438	44											GND	01										
12302		XA438	45											SPP	01										
12303		XA438	46											SPP	01										
12304		XA438	47											SPP	01										
12305		XA438	48											SPP	01										
12306		XA438	49											SPP	01										
12307		XA438	50											SPP	01										
12308		XA438	51											SPP	01										
12309		XA438	52											SPP	01										
12310		XA438	53											SPP	01										
12311		XA438	54											SPP	01										
12312		XA438	55											SPP	01										
12313		XA438	56											SPP	01										
12314		XA438	57											SPP	01										
12315		XA438	58											GND	01										
12316		XA438	59											SPP	01										
12317		XA438	60											SPP	01										
12318		XA438	61											SPP	01										

CONNECTOR XA438) CONTINUED ON THE NEXT PAGE ****

Litton DATA SYSTEMS

DRAWING NUMBER 149304-880 UNIT ASSEMBLY NO. 149304 REV G INDEX XA438

UNIT ASSEMBLY CARD CAGE WIRED, MCU CONNECTOR FILE IDENT T39AMCMU DATE 09-02-82 PAGE 394

RECORD NUMBER	FROM PREFIX	FROM CONNECTOR	FROM PIN	FROM SH FG	TO PREFIX	TO CONNECTOR	TO PIN	TO SH FG	WIRE MULTI GROUP	WIRE CODE	WIRE COLOR	WIRE IDENT	SPEC INST MISC	SIGNAL	SEQ NO	EQUATION	TERM	FACTOR	CKT OR CHIP TYPE	GRID	LOAD OF POWER PLANE	TEST POINTS AND	TEST POINTS OR	SIGNAL DESCRIPTION	ECO NO
12319		XA438	62											SPP	01										
12320		XA438	63											SPP	01										
12321		XA438	64											SPP	01										
12322		XA438	65											SPP	01										
12323		XA438	66											SPP	01										
12324		XA438	67											GND	01										
12325		XA438	68											SPP	01										
12326		XA438	69											SPP	01										
12327		XA438	70											SPP	01										
12328		XA438	71											SPP	01										
12329		XA438	72											SPP	01										
12330		XA438	73											SPP	01										
12331		XA438	74											SPP	01										
12332		XA438	75											SPP	01										
12333		XA438	76											SPP	01										
12334		XA438	77											SPP	01										
12335		XA438	78											SPP	01										
12336		XA438	79											SPP	01										
12337		XA438	80											SPP	01										
12338		XA439	01											SPP	01										
12339		XA439	02											GND	01										
12340		XA439	03											SPP	01										
12341		XA439	04											SPP	01										
12342		XA439	05											SPP	01										
12343		XA439	06											SPP	01										
12344		XA439	07											SPP	01										
12345		XA439	08											SPP	01										
12346		XA439	09											SPP	01										
12347		XA439	10											SPP	01										
12348		XA439	11											SPP	01										
12349		XA439	12											+5V	01										
12350		XA439	13											SPP	01										
12351		XA439	14											SPP	01										
12352		XA439	15											SPP	01										
12353		XA439	16											GND	01										
12354		XA439	17											SPP	01										
12355		XA439	18											SPP	01										
12356		XA439	19											SPP	01										
12357		XA439	20											SPP	01										
12358		XA439	21											SPP	01										
12359		XA439	22											SPP	01										
12360		XA439	23											SPP	01										
12361		XA439	24											SPP	01										
12362		XA439	25											SPP	01										
12363		XA439	26											SPP	01										
12364		XA439	27											SPP	01										
12365		XA439	28											+5V	01										
12366		XA439	29											SPP	01										
CONNECTOR (XA439) CONTINUED ON THE NEXT PAGE ****																									

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DRAWING NUMBER 149304-880 UNIT ASSEMBLY NO. 149304 REV G INDEX XA439

UNIT ASSEMBLY CARD CAGE WIRED, MCU CONNECTOR FILE IDENT T39AMCMU DATE 09-02-82 PAGE 395

RECORD NUMBER	FROM			SN FG	TO			SN FG	WIRE				SPC INST MISC	SIGNAL	SEQ NO	EQUATION	TERM	FACTOR	CKT OR CHIP TYPE	GROUP	LOAD OR POWER PLANE	TEST POINTS		SIGNAL DESCRIPTION	ECO NO
	PREFIX	CONNECTOR	PIN		PREFIX	CONNECTOR	PIN		MULTI GROUP	CODE	COLOR	IDENT										AND	OR		
12367		XA439	30											SPP	01										
12368		XA439	31											SPP	01										
12369		XA439	32											GND	01										
12370		XA439	33											SPP	01										
12371		XA439	34											SPP	01										
12372		XA439	35											SPP	01										
12373		XA439	36											SPP	01										
12374		XA439	37											SPP	01										
12375		XA439	38											SPP	01										
12376		XA439	39											SPP	01										
12377		XA439	40											SPP	01										
12378		XA439	41											SPP	01										
12379		XA439	42											SPP	01										
12380		XA439	43											SPP	01										
12381		XA439	44											GND	01										
12382		XA439	45											SPP	01										
12383		XA439	46											SPP	01										
12384		XA439	47											SPP	01										
12385		XA439	48											SPP	01										
12386		XA439	49											SPP	01										
12387		XA439	50											SPP	01										
12388		XA439	51											SPP	01										
12389		XA439	52											SPP	01										
12390		XA439	53											SPP	01										
12391		XA439	54											SPP	01										
12392		XA439	55											SPP	01										
12393		XA439	56											SPP	01										
12394		XA439	57											SPP	01										
12395		XA439	58											GND	01										
12396		XA439	59											SPP	01										
12397		XA439	60											SPP	01										
12398		XA439	61											SPP	01										
12399		XA439	62											SPP	01										
12400		XA439	63											SPP	01										
12401		XA439	64											SPP	01										
12402		XA439	65											SPP	01										
12403		XA439	66											SPP	01										
12404		XA439	67											GND	01										
12405		XA439	68											SPP	01										
12406		XA439	69											SPP	01										
12407		XA439	70											SPP	01										
12408		XA439	71											SPP	01										
12409		XA439	72											SPP	01										
12410		XA439	73											SPP	01										
12411		XA439	74											SPP	01										
12412		XA439	75											SPP	01										
12413		XA439	76											SPP	01										
12414		XA439	77											SPP	01										
12415		XA439	78											SPP	01										
12416		XA439	79											SPP	01										

CONNECTOR XA439) CONTINUED ON THE NEXT PAGE ****

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DRAWING NUMBER 149304-880 UNIT ASSEMBLY NO. 149304 REV G INDEX XA439

UNIT ASSEMBLY CARD CAGE WIRED, MCU CONNECTOR FILE IDENT T39AMCMU DATE 09-02-82 PAGE 396

RECORD NUMBER	FROM PREFIX	FROM CONNECTOR	FROM PIN	FROM SH FG	TO PREFIX	TO CONNECTOR	TO PIN	TO SH FG	WIRE MULTI GROUP	WIRE CODE	WIRE COLOR	WIRE IDENT	SPC INST MISC	SIGNAL	SEC NO	EQUATION	TERM	FACTOR	CKT OR CHIP TYPE	GROUP	QUAD OR POWER PLANE	TEST POINTS ANS	TEST POINTS OR	SIGNAL DESCRIPTION	ECO NO
12417		XA439	80											SPP	01										
12418		XA440	01											SPP	01										
12419		XA440	02											GND	01										
12420		XA440	03											SPP	01										
12421		XA440	04											SPP	01										
12422		XA440	05											SPP	01										
12423		XA440	06											SPP	01										
12424		XA440	07											SPP	01										
12425		XA440	08											SPP	01										
12426		XA440	09											SPP	01										
12427		XA440	10											SPP	01										
12428		XA440	11											SPP	01										
12429		XA440	12											+5V	01										
12430		XA440	13											SPP	01										
12431		XA440	14											SPP	01										
12432		XA440	15											SPP	01										
12433		XA440	16											GND	01										
12434		XA440	17											SPP	01										
12435		XA440	18											SPP	01										
12436		XA440	19											SPP	01										
12437		XA440	20											SPP	01										
12438		XA440	21											SPP	01										
12439		XA440	22											SPP	01										
12440		XA440	23											SPP	01										
12441		XA440	24											SPP	01										
12442		XA440	25											SPP	01										
12443		XA440	26											SPP	01										
12444		XA440	27											SPP	01										
12445		XA440	28											+5V	01										
12446		XA440	29											SPP	01										
12447		XA440	30											SPP	01										
12448		XA440	31											SPP	01										
12449		XA440	32											GND	01										
12450		XA440	33											SPP	01										
12451		XA440	34											SPP	01										
12452		XA440	35											SPP	01										
12453		XA440	36											SPP	01										
12454		XA440	37											SPP	01										
12455		XA440	38											SPP	01										
12456		XA440	39											SPP	01										
12457		XA440	40											SPP	01										
12458		XA440	41											SPP	01										
12459		XA440	42											SPP	01										
12460		XA440	43											SPP	01										
12461		XA440	44											GND	01										
12462		XA440	45											SPP	01										
12463		XA440	46											SPP	01										
12464		XA440	47											SPP	01										

CONNECTOR (XA440) CONTINUED ON THE NEXT PAGE ****

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DRAWING NUMBER 149304-880 UNIT ASSEMBLY NO. 149304 REV G INDEX XA440

UNIT ASSEMBLY CARD CAGE WIRED, MCU CONNECTOR FILE IDENT T39AMCMU DATE 09-02-82 PAGE 397

RECORD NUMBER	FROM PREFIX	FROM CONNECTOR	FROM PIN	FROM SH FG	TO PREFIX	TO CONNECTOR	TO PIN	TO SH FG	WIRE MULTI GROUP	WIRE CODE	WIRE COLOR	WIRE IDENT	SPEC INST MISC	SIGNAL	SPEC NO	EQUATION	TERM	FACTOR	CKT OR CHIP TYPE	GROUP	LOAD OR POWER PLANE	TEST POINTS AND	TEST POINTS OR	SIGNAL DESCRIPTION	ECO NO
12465		XA440	48											SPP	01										
12466		XA440	49											SPP	01										
12467		XA440	50											SPP	01										
12468		XA440	51											SPP	01										
12469		XA440	52											SPP	01										
12470		XA440	53											SPP	01										
12471		XA440	54											SPP	01										
12472		XA440	55											SPP	01										
12473		XA440	56											SPP	01										
12474		XA440	57											SPP	01										
12475		XA440	58											GND	01										
12476		XA440	59											SPP	01										
12477		XA440	60											SPP	01										
12478		XA440	61											SPP	01										
12479		XA440	62											SPP	01										
12480		XA440	63											SPP	01										
12481		XA440	64											SPP	01										
12482		XA440	65											SPP	01										
12483		XA440	66											SPP	01										
12484		XA440	67											GND	01										
12485		XA440	68											SPP	01										
12486		XA440	69											SPP	01										
12487		XA440	70											SPP	01										
12488		XA440	71											SPP	01										
12489		XA440	72											SPP	01										
12490		XA440	73											SPP	01										
12491		XA440	74											SPP	01										
12492		XA440	75											SPP	01										
12493		XA440	76											SPP	01										
12494		XA440	77											SPP	01										
12495		XA440	78											SPP	01										
12496		XA440	79											SPP	01										
12497		XA440	80											SPP	01										
12498		XA441	01											SPP	01										
12499		XA441	02											GND	01										
12500		XA441	03											SPP	01										
12501		XA441	04											SPP	01										
12502		XA441	05											SPP	01										
12503		XA441	06											SPP	01										
12504		XA441	07											SPP	01										
12505		XA441	08											SPP	01										
12506		XA441	09											SPP	01										
12507		XA441	10											SPP	01										
12508		XA441	11											SPP	01										
12509		XA441	12											+5V	01										
12510		XA441	13											SPP	01										
12511		XA441	14											SPP	01										
12512		XA441	15											SPP	01										

CONNECTOR XA441 CONTINUED ON THE NEXT PAGE ****

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DRAWING NUMBER 149304-880 UNIT ASSEMBLY NO. 149304 REV G INDEX XA441

UNIT ASSEMBLY CARD CAGE WIRED, MCU CONNECTOR FILE IDENT T39AMCMU DATE 09-02-82 PAGE 398

RECORD NUMBER	FROM PREFIX	FROM CONNECTOR	FROM PIN	FROM SHIELD GROUP	TO PREFIX	TO CONNECTOR	TO PIN	TO SHIELD GROUP	WIRE MULTI GROUP	WIRE CODE	WIRE COLOR	WIRE IDENT	SPEC INST MISC	SIGNAL	SEQ NO	EQUATION	TERM	FACTOR	CKT OR CHIP TYPE	GROUP	LOAD OR POWER PLANE	TEST POINTS GND	TEST POINTS DP	SIGNAL DESCRIPTION	ECO NO
12513		XA441	16											GND	01										
12514		XA441	17											SPP	01										
12515		XA441	18											SPP	01										
12516		XA441	19											SPP	01										
12517		XA441	20											SPP	01										
12518		XA441	21											SPP	01										
12519		XA441	22											SPP	01										
12520		XA441	23											SPP	01										
12521		XA441	24											SPP	01										
12522		XA441	25											SPP	01										
12523		XA441	26											SPP	01										
12524		XA441	27											SPP	01										
12525		XA441	28											+5V	01										
12526		XA441	29											SPP	01										
12527		XA441	30											SPP	01										
12528		XA441	31											SPP	01										
12529		XA441	32											GND	01										
12530		XA441	33											SPP	01										
12531		XA441	34											SPP	01										
12532		XA441	35											SPP	01										
12533		XA441	36											SPP	01										
12534		XA441	37											SPP	01										
12535		XA441	38											SPP	01										
12536		XA441	39											SPP	01										
12537		XA441	40											SPP	01										
12538		XA441	41											SPP	01										
12539		XA441	42											SPP	01										
12540		XA441	43											SPP	01										
12541		XA441	44											GND	01										
12542		XA441	45											SPP	01										
12543		XA441	46											SPP	01										
12544		XA441	47											SPP	01										
12545		XA441	48											SPP	01										
12546		XA441	49											SPP	01										
12547		XA441	50											SPP	01										
12548		XA441	51											SPP	01										
12549		XA441	52											SPP	01										
12550		XA441	53											SPP	01										
12551		XA441	54											SPP	01										
12552		XA441	55											SPP	01										
12553		XA441	56											SPP	01										
12554		XA441	57											SPP	01										
12555		XA441	58											GND	01										
12556		XA441	59											SPP	01										
12557		XA441	60											SPP	01										
12558		XA441	61											SPP	01										
12559		XA441	62											SPP	01										
12560		XA441	63											SPP	01										
12561		XA441	64											SPP	01										
12562		XA441	65											SPP	01										
CONNECTOR XA441					CONTINUED ON THE NEXT PAGE ****																				

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UNIT ASSEMBLY CARD CAGE WIRED, MCU CONNECTOR FILE IDENT T39AMCMU DATE 09-02-82 PAGE 399

RECORD NUMBER	FROM PREFIX	FROM CONNECTOR	FROM PIN	FROM SH FG	TO PREFIX	TO CONNECTOR	TO PIN	TO SH FG	WIRE MULTI GROUP	WIRE CODE	WIRE COLOR	WIRE IDENT	SPEC INST MISC	SIGNAL	SEQ NO	EQUATION	TERM	FACTOR	CKT OR CHIP TYPE	GROUP	LOAD OR POWER PLANE	TEST POINTS AND	TEST POINTS OR	SIGNAL DESCRIPTION	ECO NO
12563		XA441	66											SPP	01										
12564		XA441	67											GND	01										
12565		XA441	68											SPP	01										
12566		XA441	69											SPP	01										
12567		XA441	70											SPP	01										
12568		XA441	71											SPP	01										
12569		XA441	72											SPP	01										
12570		XA441	73											SPP	01										
12571		XA441	74											SPP	01										
12572		XA441	75											SPP	01										
12573		XA441	76											SPP	01										
12574		XA441	77											SPP	01										
12575		XA441	78											SPP	01										
12576		XA441	79											SPP	01										
12577		XA441	80											SPP	01										
12578		XA442	01											SPP											
12579		XA442	02											GND											
12580		XA442	03											SPP											
12581		XA442	04											SPP											
12582		XA442	05											SPP											
12583		XA442	06											SPP											
12584		XA442	07											SPP											
12585		XA442	08											SPP											
12586		XA442	09											SPP											
12587		XA442	10											SPP											
12588		XA442	11											SPP											
12589		XA442	12											+5V											
12590		XA442	13											SPP											
12591		XA442	14											SPP											
12592		XA442	15											SPP											
12593		XA442	16											GND											
12594		XA442	17											SPP											
12595		XA442	18											SPP											
12596		XA442	19											SPP											
12597		XA442	20											SPP											
12598		XA442	21											SPP											
12599		XA442	22											SPP											
12600		XA442	23											SPP											
12601		XA442	24											SPP											
12602		XA442	25											SPP											
12603		XA442	26											SPP											
12604		XA442	27											SPP											
12605		XA442	28											+5V											
12606		XA442	29											SPP											
12607		XA442	30											SPP											
12608		XA442	31											SPP											
12609		XA442	32											GND											
12610		XA442	33											SPP											

CONNECTOR XA442 CONTINUED ON THE NEXT PAGE ****

Litton DATA SYSTEMS

DRAWING NUMBER 149304-880 UNIT ASSEMBLY NO. 149304 REV G INDEX XA442

UNIT ASSEMBLY CARD CAGE WIRED, MCU CONNECTOR FILE IDENT T39AMCMU DATE 09-02-82 PAGE 400

RECORD NUMBER	FROM PREFIX	FROM CONNECTOR	FROM PIN	FROM SH FG	TO PREFIX	TO CONNECTOR	TO PIN	TO SH FG	WIRE MULTI GROUP	WIRE CODE	WIRE COLOR	WIRE IDENT	SPEC INST MISC	SIGNAL	SEC NO	EQUATION	TERM	FACTOR	CKT OR CMP TYPE	GROUP	QUAD CP POWER PLANE	TEST POINTS AND/OR	SIGNAL DESCRIPTION	ECO NO
12611		XA442	34											SPP										
12612		XA442	35											SPP										
12613		XA442	36											SPP										
12614		XA442	37											SPP										
12615		XA442	38											SPP										
12616		XA442	39											SPP										
12617		XA442	40											SPP										
12618		XA442	41											SPP										
12619		XA442	42											SPP										
12620		XA442	43											SPP										
12621		XA442	44											GND										
12622		XA442	45											SPP										
12623		XA442	46											SPP										
12624		XA442	47											SPP										
12625		XA442	48											SPP										
12626		XA442	49											SPP										
12627		XA442	50											SPP										
12628		XA442	51											SPP										
12629		XA442	52											SPP										
12630		XA442	53											SPP										
12631		XA442	54											SPP										
12632		XA442	55											SPP										
12633		XA442	56											SPP										
12634		XA442	57											SPP										
12635		XA442	58											GND										
12636		XA442	59											SPP										
12637		XA442	60											SPP										
12638		XA442	61											SPP										
12639		XA442	62											SPP										
12640		XA442	63											SPP										
12641		XA442	64											SPP										
12642		XA442	65											SPP										
12643		XA442	66											SPP										
12644		XA442	67											GND										
12645		XA442	68											SPP										
12646		XA442	69											SPP										
12647		XA442	70											SPP										
12648		XA442	71											SPP										
12649		XA442	72											SPP										
12650		XA442	73											SPP										
12651		XA442	74											SPP										
12652		XA442	75											SPP										
12653		XA442	76											SPP										
12654		XA442	77											SPP										
12655		XA442	78											SPP										
12656		XA442	79											SPP										
12657		XA442	80											SPP										

Litton DATA SYSTEMS

DRAWING NUMBER 149304-880 UNIT ASSEMBLY NO. 149304 REV G INDEX XA443

UNIT ASSEMBLY CARD CAGE WIRED, MCU CONNECTOR FILE IDENT T39AMCMU DATE 09-02-82 PAGE 401

RECORD NUMBER	FROM PREFIX	FROM CONNECTOR	FROM PIN	FROM SH FG	TO PREFIX	TO CONNECTOR	TO PIN	TO SH FG	WIRE MULTI GROUP	WIRE CODE	WIRE COLOR	WIRE IDENT	SPEC INST MISC	SIGNAL	SFO NO	EQUATION	TERM	FAMILY	CKT OR CHIP TYPE	GROUP	LOAD OR POWER PLANE	TEST POINTS AND	TEST POINTS OR	SIGNAL DESCRIPTION	ECO NO
12658		XA443	01	3		XA341	09	3		16B	9			MSES0B	36				SAM	Z1					
12659		XA443	02											GND	01				SAM						
12660		XA443	03											SPP	01				SAM						
12661		XA443	04											SPP	01				SAM						
12662		XA443	05											SSA21A	02				SAM	Z1					
12663		XA443	06											SPP	01				SAM						
12664		XA443	07											SSB21A	02				SAM	Z1					
12665		XA443	08											SPP	01				SAM						
12666		XA443	09											SPP	01				SAM						
12667		XA443	10											SPP	01				SAM						
12668		XA443	11			XA444	11			1BD	2			+5VSAM	02				SAM						
12669		XA443	12											+5V	01				SAM						
12670		XA443	13											SSA21B	02				SAM	Z1					
12671		XA443	14											SSB21B	02				SAM	Z1					
12672		XA443	15											SPP	01				SAM						
12673		XA443	16											GND	01				SAM						
12674		XA443	17			XA444	17			16B	9			MSES1B	01				SAM	Z1					
12675		XA443	18											SPP	01				SAM	Z1					
12676		XA443	19			XA325	73			16B	9			MSD21A	04				SAM	Z1					
12677		XA443	20			XA341	33			16B	9			MSES2B	09				SAM	Z2					
12678		XA443	21											SPP	01				SAM						
12679		XA443	22											SPP	01				SAM						
12680		XA443	23											SSA21C	02				SAM	Z2					
12681		XA443	24											SPP	01				SAM						
12682		XA443	25											SSB21C	02				SAM	Z2					
12683		XA443	26											SPP	01				SAM						
00025		XA443	27											DNW	01	+5SAM			SAM						
12684		XA443	28											+5V	01				SAM						
12685		XA443	29											SPP	01				SAM				KEYWAY		
12686		XA443	30											SPP	01				SAM				KEYWAY		
12687		XA443	31											SPP	01				SAM						
12688		XA443	32											GND	01				SAM						
12689		XA443	33											SSA21D	02				SAM	Z2					
12690		XA443	34											SPP	01				SAM						
12691		XA443	35											SSB21D	02				SAM	Z2					
12692		XA443	36											SPP	01				SAM						
12693		XA443	37											SPP	01				SAM						
12694		XA443	38											SPP	01				SAM						
12695		XA443	39			XA444	39			1BD	2			+5VREF	01				SAM	Z2					
12696		XA443	39											+5VREF	39				SAM	Z2					
12697		XA443	40											SPP	01				SAM						
12698		XA443	41			XA444	41			16B	9			MSES3B	28				SAM	Z2					
12699		XA443	42											SPP	01				SAM						
12700		XA443	43			XA443	19			16B	9			MSD21A	03				SAM	Z2					
12701		XA443	44											GND	01				SAM						
12702		XA443	45			XA444	45			16B	9			MSES4B	28				SAM	Z3					
12703		XA443	46											SPP	01				SAM						
12704		XA443	47											SPP	01				SAM						
12705		XA443	48											SPP	01				SAM						
12706		XA443	49											SSA21E	02				SAM	Z3					

CONNECTOR (XA443) CONTINUED ON THE NEXT PAGE ****

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DRAWING NUMBER 149304-880 UNIT ASSEMBLY NO. 149304 REV G INDEX XA443

UNIT ASSEMBLY CARD CAGE WIRED, MCU CONNECTOR FILE IDENT T39AMCMU DATE 09-02-82 PAGE 402

RECORD NUMBER	FROM PREFIX	FROM CONNECTOR	FROM PIN	FROM SH FG	TO PREFIX	TO CONNECTOR	TO PIN	TO SH FG	WIRE MULTI GROUP	WIRE CODE	WIRE COLOR	WIRE IDENT	SPEC INST MISC	SIGNAL	SEQ NO	EQUATION	TERM FACTOR	CKT OR CHIP TYPE	GRID	LOAD OR POWER PLANE	TEST POINTS AND	TEST POINTS OR	SIGNAL DESCRIPTION	ECO NO
12707		XA443	50											SPP	01			SAM						
12708		XA443	51											SSB21E	02			SAM	Z3					
12709		XA443	52											SPP	01			SAM						
12710		XA443	53											SPP	01			SAM					KEYWAY	G02
12711		XA443	54											SPP	01			SAM					KEYWAY	
12712		XA443	55											SSA21E	02			SAM	Z3					
12713		XA443	56											SPP	01			SAM						
12714		XA443	57											SSB21E	02			SAM	Z3					
12715		XA443	58											GND	01			SAM						
12716		XA443	59			XA443	60			18D	7			-5VOLT	02			SAM						
12717		XA443	59											-5VOLT	74			SAM						
12718		XA443	60			XA444	59			18D	7			-5VOLT	03			SAM						
12719		XA443	61											SPP	01			SAM	Z3					
12720		XA443	62											SPP	01			SAM						
12721		XA443	63			XA341	75			168	9			MSES5B	09			SAM	Z3					
12722		XA443	64											SPP	01			SAM						
12723		XA443	65			XA443	43			168	9			MSD21A	02			SAM	Z3					
12724		XA443	66			XA444	66			168	9			MSES6B	01			SAM	Z4					
12725		XA443	67											GND	01			SAM						
12726		XA443	68											SPP	01			SAM						
12727		XA443	69											SSA21H	02			SAM	Z4					
12728		XA443	70											SPP	01			SAM						
12729		XA443	71											SSB21H	02			SAM	Z4					
12730		XA443	72											SSA21J	02			SAM	Z4					
12731		XA443	73											SPP	01			SAM						
12732		XA443	74											SSB21J	02			SAM	Z4					
12733		XA443	75											SPP	01			SAM						
12734		XA443	76											SPP	01			SAM						
12735		XA443	77			XA444	77			168	9			MSES7B	01			SAM	Z4					
12736		XA443	78			XA443	65			168	9			MSD21A	011			SAM						
12737		XA443	79			XA421	69			18D	2			+05RES	51			SAM	Z4					
12738		XA443	80			XA443	78			168	9			MSD21A	01			SAM	Z4				SENSE AMP 21A	
12739		XA444	01			XA443	01			168	9			MSES0B	35			SAM	Z1					
12740		XA444	02											GND	01			SAM						
12741		XA444	03											SPP	01			SAM						
12742		XA444	04											SPP	01			SAM						
12743		XA444	05											SSA20A	02			SAM	Z1					
12744		XA444	06											SPP	01			SAM						
12745		XA444	07											SSB20A	02			SAM	Z1					
12746		XA444	08											SPP	01			SAM						
12747		XA444	09											SPP	01			SAM						
12748		XA444	10											SPP	01			SAM						
12749		XA444	11			XA445	11			18D	2			+5VSAM	03			SAM						
12750		XA444	12											+5V	01			SAM						
12751		XA444	13											SSA20B	02			SAM	Z1					
12752		XA444	14											SSB20B	02			SAM	Z1					
12753		XA444	15											SPP	01			SAM						
12754		XA444	16											GND	01			SAM						
CONNECTOR XA444) CONTINUED ON THE NEXT PAGE ****																								

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DRAWING NUMBER 149304-880 UNIT ASSEMBLY NO. 149304 REV G INDEX XA444

UNIT ASSEMBLY CARD CAGE WIRED, MCU CONNECTOR FILE IDENT T39AMCMU DATE 09-02-82 PAGE 403

RECORD NUMBER	FROM PREFIX	FROM CONNECTOR	FROM PIN	FROM SHIELD	TO PREFIX	TO CONNECTOR	TO PIN	TO SHIELD	WIRE MULTI GROUP	WIRE CODE	WIRE COLOR	WIRE IDENT	SPECIAL INSTRUCTIONS	SIGNAL	SEQ NO	EQUATION	TERM	FACTOR	CKT OR CHIP TYPE	GROUP	LOAD OR POWER PLANE	TEST POINTS AND	TEST POINTS OR	SIGNAL DESCRIPTION	ECO NO
12755		XA444	17			XA445	17			16B	9			MSES1B	02				SAM	Z1					
12756		XA444	18											SPP	01				SAM	Z1					
12757		XA444	19			XA325	75			16B	9			MSD20A	04				SAM	Z1					
12758		XA444	20			XA443	20			16B	9			MSES2B	08				SAM	Z2					
12759		XA444	21											SPP	01				SAM						
12760		XA444	22											SPP	01				SAM						
12761		XA444	23											SSA20C	02				SAM	Z2					
12762		XA444	24											SPP	01				SAM						
12763		XA444	25											SSB20C	02				SAM	Z2					
12764		XA444	26											SPP	01				SAM						
00026		XA444	27											DNW	01	+5SAM			SAM						
12765		XA444	28											+5V	01				SAM						
12766		XA444	29											SPP	01				SAM					KEYWAY	
12767		XA444	30											SPP	01				SAM					KEYWAY	
12768		XA444	31											SPP	01				SAM						
12769		XA444	32											GND	01				SAM						
12770		XA444	33											SSA20D	02				SAM	Z2					
12771		XA444	34											SPP	01				SAM						
12772		XA444	35											SSB20D	02				SAM	Z2					
12773		XA444	36											SPP	01				SAM						
12774		XA444	37											SPP	01				SAM						
12775		XA444	38											SPP	01				SAM						
12776		XA444	39			XA445	39			1BD	2			+5VREF	02				SAM	Z2					
12777		XA444	40											SPP	01				SAM						
12778		XA444	41			XA445	41			16B	9			MSES3B	29				SAM	Z2					
12779		XA444	42											SPP	01				SAM						
12780		XA444	43			XA444	19			16B	9			MSD20A	03				SAM	Z2					
12781		XA444	44											GND	01				SAM						
12782		XA444	45			XA445	45			16B	9			MSES4B	29				SAM	Z3					
12783		XA444	46											SPP	01				SAM						
12784		XA444	47											SPP	01				SAM						
12785		XA444	48											SPP	01				SAM						
12786		XA444	49											SSA20E	02				SAM	Z3					
12787		XA444	50											SPP	01				SAM						
12788		XA444	51											SSB20E	02				SAM	Z3					
12789		XA444	52											SPP	01				SAM						
12790		XA444	53											SPP	01				SAM					KEYWAY	
12791		XA444	54											SPP	01				SAM					KEYWAY	
12792		XA444	55											SSA20F	02				SAM	Z3					
12793		XA444	56											SPP	01				SAM						
12794		XA444	57											SSB20F	02				SAM	Z3					
12795		XA444	58											GND	01				SAM						
12796		XA444	59			XA444	60			1BD	7			-5VOLT	04				SAM						
12797		XA444	60			XA445	59			1BD	7			-5VOLT	05				SAM						
12798		XA444	61											SPP	01				SAM	Z3					
12799		XA444	62											SPP	01				SAM						
12800		XA444	63			XA443	63			16B	9			MSES5B	08				SAM	Z3					
12801		XA444	64											SPP	01				SAM						
12802		XA444	65			XA444	43			16B	9			MSD20A	02				SAM	Z3					
12803		XA444	66			XA445	66			16B	9			MSES6B	02				SAM	Z4					

CONNECTOR XA444 CONTINUED ON THE NEXT PAGE ****

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DRAWING NUMBER 149304-880 UNIT ASSEMBLY NO. 149304 REV G INDEX XA444

UNIT ASSEMBLY CARD CAGE WIRED, MCU CONNECTOR FILE IDENT T39AMCMU DATE 09-02-82 PAGE 404

RECORD NUMBER	FROM PREFIX	FROM CONNECTOR	FROM PIN	FROM SH FG	TO PREFIX	TO CONNECTOR	TO PIN	TO SH FG	WIRE MULTI GROUP	WIRE CODE	WIRE COLOR	WIRE IDENT	SPC TEST MISC	SIGNAL	SEC NO	EQUATION	TERM FACTOR	CKT OR CHIP TYPE	GROUP	LOAD OR POWER PLANE	TEST POINTS ANC	TEST POINTS OR	SIGNAL DESCRIPTION	ECO NO
12804		XA444	67											GND	01			SAM						
12805		XA444	68											SPP	01			SAM						
12806		XA444	69											SSA20H	02			SAM	Z4					
12807		XA444	70											SPP	01			SAM						
12808		XA444	71											SSB20H	02			SAM	Z4					
12809		XA444	72											SSA20J	02			SAM	Z4					
12810		XA444	73											SPP	01			SAM						
12811		XA444	74											SSB20J	02			SAM	Z4					
12812		XA444	75											SPP	01			SAM						
12813		XA444	76											SPP	01			SAM						
12814		XA444	77			XA445	77			16B	9			MSES7B	02			SAM	Z4					
12815		XA444	78			XA444	65			16B	9			MSD20A	011			SAM						
12816		XA444	79			XA443	79			1BD	2			+05RES	50			SAM	Z4					
12817		XA444	80			XA444	78			16B	9			MSD20A	01			SAM	Z4				SENSE AMP 20*	
12818		XA445	01			XA444	01			16B	9			MSES0B	34			SAM	Z1					
12819		XA445	02											GND	01			SAM						
12820		XA445	03											SPP	01			SAM						
12821		XA445	04											SPP	01			SAM						
12822		XA445	05											SSA19A	02			SAM	Z1					
12823		XA445	06											SPP	01			SAM						
12824		XA445	07											SSB19A	02			SAM	Z1					
12825		XA445	08											SPP	01			SAM						
12826		XA445	09											SPP	01			SAM						
12827		XA445	10											SPP	01			SAM						
12828		XA445	11			XA446	11			1BD	2			+5VSAM	04			SAM						
12829		XA445	12											+5V	01			SAM						
12830		XA445	13											SSA19B	02			SAM	Z1					
12831		XA445	14											SSB19B	02			SAM	Z1					
12832		XA445	15											SPP	01			SAM						
12833		XA445	16											GND	01			SAM						
12834		XA445	17			XA446	17			16B	9			MSES1B	03			SAM	Z1					
12835		XA445	18											SPP	01			SAM	Z1					
12836		XA445	19			XA325	64			16B	9			MSD19A	04			SAM	Z1					
12837		XA445	20			XA444	20			16B	9			MSES2B	07			SAM	Z2					
12838		XA445	21											SPP	01			SAM						
12839		XA445	22											SPP	01			SAM						
12840		XA445	23											SSA19C	02			SAM	Z2					
12841		XA445	24											SPP	01			SAM						
12842		XA445	25											SSB19C	02			SAM	Z2					
12843		XA445	26											SPP	01			SAM						
00027		XA445	27											DNW	01	+5SAM		SAM						
12844		XA445	28											+5V	01			SAM						
12845		XA445	29											SPP	01			SAM					KEYWAY	
12846		XA445	30											SPP	01			SAM					KEYWAY	
12847		XA445	31											SPP	01			SAM						
12848		XA445	32											GND	01			SAM						
12849		XA445	33											SSA19D	02			SAM	Z2					
12850		XA445	34											SPP	01			SAM						
CONNECTOR		XA445	) CONTINUED ON THE NEXT PAGE ****																					

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DRAWING NUMBER 149304-880 UNIT ASSEMBLY NO. 149304 REV G INDEX XA445

UNIT ASSEMBLY CARD CAGE WIRED, MCU CONNECTOR FILE IDENT T39AMCMU DATE 09-02-82 PAGE 405

RECORD NUMBER	FROM PREFIX	FROM CONNECTOR	FROM PIN	FROM SH FG	TO PREFIX	TO CONNECTOR	TO PIN	TO SH FG	WIRE MULTI GROUP	WIRE CODE	WIRE COLOR	WIRE IDENT	SPEC INST MISC	SIGNAL	SEQ NO	EQUATION	TERM	FACTOR	CKT OR CHIP TYPE	GROUP	LOAD OR POWER FLAGS	TEST POINTS AND	TEST POINTS OR	SIGNAL DESCRIPTION	ECO NO
12851		XA445	35											SSB19D	02				SAM	Z2					
12852		XA445	36											SPP	01				SAM						
12853		XA445	37											SPP	01				SAM						
12854		XA445	38											SPP	01				SAM						
12855		XA445	39			XA446	39			1BD	2			+5VREF	03				SAM	Z2					
12856		XA445	40											SPP	01				SAM						
12857		XA445	41			XA446	41			16B	9			MSES3B	30				SAM	Z2					
12858		XA445	42											SPP	01				SAM						
12859		XA445	43			XA445	19			16B	9			MSD19A	03				SAM	Z2					
12860		XA445	44											GND	01				SAM						
12861		XA445	45			XA446	45			16B	9			MSES4B	30				SAM	Z3					
12862		XA445	46											SPP	01				SAM						
12863		XA445	47											SPP	01				SAM						
12864		XA445	48											SPP	01				SAM						
12865		XA445	49											SSA19E	02				SAM	Z3					
12866		XA445	50											SPP	01				SAM						
12867		XA445	51											SSB19E	02				SAM	Z3					
12868		XA445	52											SPP	01				SAM						
12869		XA445	53											SPP	01				SAM				KEYWAY		
12870		XA445	54											SPP	01				SAM				KEYWAY		
12871		XA445	55											SSA19F	02				SAM	Z3					
12872		XA445	56											SPP	01				SAM						
12873		XA445	57											SSB19F	02				SAM	Z3					
12874		XA445	58											GND	01				SAM						
12875		XA445	59			XA445	60			1BD	7			-5VOLT	06				SAM						
12876		XA445	60			XA446	59			1BD	7			-5VOLT	07				SAM						
12877		XA445	61											SPP	01				SAM	Z3					
12878		XA445	62											SPP	01				SAM						
12879		XA445	63			XA444	63			16B	9			MSES5B	07				SAM	Z3					
12880		XA445	64											SPP	01				SAM						
12881		XA445	65			XA445	43			16B	9			MSD19A	02				SAM	Z3					
12882		XA445	66			XA446	66			16B	9			MSES6B	03				SAM	Z4					
12883		XA445	67											GND	01				SAM						
12884		XA445	68											SPP	01				SAM						
12885		XA445	69											SSA19H	02				SAM	Z4					
12886		XA445	70											SPP	01				SAM						
12887		XA445	71											SSB19H	02				SAM	Z4					
12888		XA445	72											SSA19J	02				SAM	Z4					
12889		XA445	73											SPP	01				SAM						
12890		XA445	74											SSB19J	02				SAM	Z4					
12891		XA445	75											SPP	01				SAM						
12892		XA445	76											SPP	01				SAM						
12893		XA445	77			XA446	77			16B	9			MSES7B	03				SAM	Z4					
12894		XA445	78			XA445	65			16B	9			MSD19A	011				SAM						
12895		XA445	79			XA444	79			1BD	2			+05RES	49				SAM	Z4					
12896		XA445	80			XA445	78			16B	9			MSD19A	01				SAM	Z4			SENSE AMP 19*		
12897		XA446	01			XA445	01			16B	9			MSES0B	33				SAM	Z1					
12898		XA446	02											GND	01				SAM						
CONNECTOR XA446) CONTINUED ON THE NEXT PAGE ****																									

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DRAWING NUMBER 149304-880 UNIT ASSEMBLY NO. 149304 REV G INDEX XA446

UNIT ASSEMBLY CARD CAGE WIRED, MCU CONNECTOR FILE IDENT T39AMCMU DATE 09-02-82 PAGE 406

RECORD NUMBER	FROM			SH FG	TO			SH FG	WIRE				SPEC INST MISC	SIGNAL	SEQ NO	EQUATION	TERM	FACTOR	CKT OR CHIP TYPE	GROUP	LOAD OR POWER PLANE	TEST POINTS		SIGNAL DESCRIPTION	ECO NO
	PREFIX	CONNECTOR	PIN		PREFIX	CONNECTOR	PIN		MULTI GROUP	CODE	COLOR	IDENT										AND	OR		
12899		XA446	03											SPP	01				SAM						
12900		XA446	04											SPP	01				SAM						
12901		XA446	05											SSA18A	02				SAM	Z1					
12902		XA446	06											SPP	01				SAM						
12903		XA446	07											SSB18A	02				SAM	Z1					
12904		XA446	08											SPP	01				SAM						
12905		XA446	09											SPP	01				SAM						
12906		XA446	10											SPP	01				SAM						
12907		XA446	11			XA447	11			18D	2			+5VSAM	05				SAM						
12908		XA446	12											+5V	01				SAM						
12909		XA446	13											SSA18B	02				SAM	Z1					
12910		XA446	14											SSB18B	02				SAM	Z1					
12911		XA446	15											SPP	01				SAM						
12912		XA446	16											GND	01				SAM						
12913		XA446	17			XA447	17			16B	9			MSES1B	04				SAM	Z1					
12914		XA446	18											SPP	01				SAM	Z1					
12915		XA446	19			XA446	43			16B	9			MSD18A	02				SAM	Z1					
12916		XA446	20			XA445	20			16B	9			MSES2B	06				SAM	Z2					
12917		XA446	21											SPP	01				SAM						
12918		XA446	22											SPP	01				SAM						
12919		XA446	23											SSA18C	02				SAM	Z2					
12920		XA446	24											SPP	01				SAM						
12921		XA446	25											SSB18C	02				SAM	Z2					
12922		XA446	26											SPP	01				SAM						
00028		XA446	27											DNW	01	+5SAM			SAM						
12923		XA446	28											+5V	01				SAM						
12924		XA446	29											SPP	01				SAM					KEYWAY	
12925		XA446	30											SPP	01				SAM					KEYWAY	
12926		XA446	31											SPP	01				SAM						
12927		XA446	32											GND	01				SAM						
12928		XA446	33											SSA18D	02				SAM	Z2					
12929		XA446	34											SPP	01				SAM						
12930		XA446	35											SSB18D	02				SAM	Z2					
12931		XA446	36											SPP	01				SAM						
12932		XA446	37											SPP	01				SAM						
12933		XA446	38											SPP	01				SAM						
12934		XA446	39			XA447	39			18D	2			+5VREF	04				SAM	Z2					
12935		XA446	40											SPP	01				SAM						
12936		XA446	41			XA447	41			16B	9			MSES3B	31				SAM	Z2					
12937		XA446	42											SPP	01				SAM						
12938		XA446	43			XA446	65			16B	9			MSD18A	03				SAM	Z2					
12939		XA446	44											GND	01				SAM						
12940		XA446	45			XA447	45			16B	9			MSES4B	31				SAM	Z3					
12941		XA446	46											SPP	01				SAM						
12942		XA446	47											SPP	01				SAM						
12943		XA446	48											SPP	01				SAM						
12944		XA446	49											SSA18E	02				SAM	Z3					
12945		XA446	50											SPP	01				SAM						
12946		XA446	51											SSB18E	02				SAM	Z3					
12947		XA446	52											SPP	01				SAM						

CONNECTOR XA446 CONTINUED ON THE NEXT PAGE ****

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DRAWING NUMBER 149304-880 UNIT ASSEMBLY NO. 149304 REV G INDEX XA446

UNIT ASSEMBLY CARD CAGE WIRED, MCU CONNECTOR FILE IDENT T39AMCMU DATE 09-02-82 PAGE 407

RECORD NUMBER	FROM PREFIX	FROM CONNECTOR	FROM PIN	FROM SH FG	TO PREFIX	TO CONNECTOR	TO PIN	TO SH FG	WIRE MULTI GROUP	WIRE CODE	WIRE COLOR	WIRE IDENT	SPEC TEST MISC	SIGNAL	SEQ NO	EQUATION	TERM	FACTOR	CKT OR CHIP TYPE	GROUP	LOAD OR POWER PLANE	TEST POINTS AND	TEST POINTS OR	SIGNAL DESCRIPTION	ECO NO
12948		XA446	53											SPP	01				SAM					KEYWAY	
12949		XA446	54											SPP	01				SAM					KEYWAY	
12950		XA446	55											SSA18F	02				SAM	Z3					
12951		XA446	56											SPP	01				SAM						
12952		XA446	57											SSB18F	02				SAM	Z3					
12953		XA446	58											GND	01				SAM						
12954		XA446	59			XA446	60			18D	7			-5VOLT	08				SAM						
12955		XA446	60			XA447	59			18D	7			-5VOLT	09				SAM						
12956		XA446	61											SPP	01				SAM	Z3					
12957		XA446	62											SPP	01				SAM						
12958		XA446	63			XA445	63			16B	9			MSES5B	06				SAM	Z3					
12959		XA446	64											SPP	01				SAM						
12960		XA446	65			XA446	78			16B	9			MSD18A	04				SAM	Z3					
12961		XA446	66			XA447	66			16B	9			MSES6B	04				SAM	Z4					
12962		XA446	67											GND	01				SAM						
12963		XA446	68											SPP	01				SAM						
12964		XA446	69											SSA18H	02				SAM	Z4					
12965		XA446	70											SPP	01				SAM						
12966		XA446	71											SSB18H	02				SAM	Z4					
12967		XA446	72											SSA18J	02				SAM	Z4					
12968		XA446	73											SPP	01				SAM						
12969		XA446	74											SSB18J	02				SAM	Z4					
12970		XA446	75											SPP	01				SAM						
12971		XA446	76											SPP	01				SAM						
12972		XA446	77			XA447	77			16B	9			MSES7B	04				SAM	Z4					
12973		XA446	78			XA446	80			16B	9			MSD18A	05				SAM						
12974		XA446	79			XA445	79			18D	2			+05RES	48				SAM	Z4					
12975		XA446	80											MSD18A	06				SAM	Z4					
12976		XA447	01			XA446	01			16B	9			MSES0B	32				SAM	Z1					
12977		XA447	02											GND	01				SAM						
12978		XA447	03											SPP	01				SAM						
12979		XA447	04											SPP	01				SAM						
12980		XA447	05											SSA17A	02				SAM	Z1					
12981		XA447	06											SPP	01				SAM						
12982		XA447	07											SSB17A	02				SAM	Z1					
12983		XA447	08											SPP	01				SAM						
12984		XA447	09											SPP	01				SAM						
12985		XA447	10											SPP	01				SAM						
12986		XA447	11			XA448	11			18D	2			+5VSAM	06				SAM						
12987		XA447	12											+5V	01				SAM						
12988		XA447	13											SSA17B	02				SAM	Z1					
12989		XA447	14											SSB17B	02				SAM	Z1					
12990		XA447	15											SPP	01				SAM						
12991		XA447	16											GND	01				SAM						
12992		XA447	17			XA448	17			16B	9			MSES1B	05				SAM	Z1					
12993		XA447	18											SPP	01				SAM	Z1					
12994		XA447	19			XA325	50			16B	9			MSD17A	04				SAM	Z1					
12995		XA447	20			XA446	20			16B	9			MSES2B	05				SAM	Z2					
CONNECTOR XA447) CONTINUED ON THE NEXT PAGE ****																									

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RECORD NUMBER	FROM PREFIX	FROM CONNECTOR	FROM PIN	FROM SH FG	TO PREFIX	TO CONNECTOR	TO PIN	TO SH FG	WIRE MULTI GROUP	WIRE CODE	WIRE COLOR	WIRE IDENT	SPC TEST MISC	SIGNAL	SEC NO	EQUATION	TERM	FACTOR	CKT OR CHIP TYPE	GROUP	LOAD GP POWER PLANE	TEST POINTS AND/OR	SIGNAL DESCRIPTION	ECO NO
12996		XA447	21											SPP	01				SAM					
12997		XA447	22											SPP	01				SAM					
12998		XA447	23											SSA17C	02				SAM	Z2				
12999		XA447	24											SPP	01				SAM					
13000		XA447	25											SSB17C	02				SAM	Z2				
13001		XA447	26											SPP	01				SAM					
00029		XA447	27											DNW	01	+5SAM			SAM					
13002		XA447	28											+5V	01				SAM					
13003		XA447	29											SPP	01				SAM				KEYWAY	
13004		XA447	30											SPP	01				SAM				KEYWAY	
13005		XA447	31											SPP	01				SAM					
13006		XA447	32											GND	01				SAM					
13007		XA447	33											SSA17D	02				SAM	Z2				
13008		XA447	34											SPP	01				SAM					
13009		XA447	35											SSB17D	02				SAM	Z2				
13010		XA447	36											SPP	01				SAM					
13011		XA447	37											SPP	01				SAM					
13012		XA447	38											SPP	01				SAM					
13013		XA447	39			XA448	39			18D	2			+5VREF	05				SAM	Z2				
13014		XA447	40											SPP	01				SAM					
13015		XA447	41			XA448	41			16B	9			MSES3B	32				SAM	Z2				
13016		XA447	42											SPP	01				SAM					
13017		XA447	43			XA447	19			16B	9			MSD17A	03				SAM	Z2				
13018		XA447	44											GND	01				SAM					
13019		XA447	45			XA448	45			16B	9			MSES4B	32				SAM	Z3				
13020		XA447	46											SPP	01				SAM					
13021		XA447	47											SPP	01				SAM					
13022		XA447	48											SPP	01				SAM					
13023		XA447	49											SSA17E	02				SAM	Z3				
13024		XA447	50											SPP	01				SAM					
13025		XA447	51											SSB17E	02				SAM	Z3				
13026		XA447	52											SPP	01				SAM					
13027		XA447	53											SPP	01				SAM				KEYWAY	
13028		XA447	54											SPP	01				SAM				KEYWAY	
13029		XA447	55											SSA17F	02				SAM	Z3				
13030		XA447	56											SPP	01				SAM					
13031		XA447	57											SSB17F	02				SAM	Z3				
13032		XA447	58											GND	01				SAM					
13033		XA447	59			XA447	60			18D	7			-5VOLT	10				SAM					
13034		XA447	60			XA448	59			18D	7			-5VOLT	11				SAM					
13035		XA447	61											SPP	01				SAM	Z3				
13036		XA447	62											SPP	01				SAM					
13037		XA447	63			XA446	63			16B	9			MSES5B	05				SAM	Z3				
13038		XA447	64											SPP	01				SAM					
13039		XA447	65			XA447	43			16B	9			MSD17A	02				SAM	Z3				
13040		XA447	66			XA448	66			16B	9			MSES6B	05				SAM	Z4				
13041		XA447	67											GND	01				SAM					
13042		XA447	68											SPP	01				SAM					
13043		XA447	69											SSA17H	02				SAM	Z4				
13044		XA447	70											SPP	01				SAM					

CONNECTOR XA447 CONTINUED ON THE NEXT PAGE ****

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UNIT ASSEMBLY CARD CAGE WIRED, MCU CONNECTOR FILE IDENT T39AMCMU DATE 09-02-82 PAGE 409

RECORD NUMBER	FROM				TO				WIRE					SIGNAL	SEQ NO	EQUATION	TERM FACTOR	CKT OR CHIP TYPE	GROUP	LOAD OR POWER PLANE	TEST POINTS AND	TEST POINTS OR	SIGNAL DESCRIPTION	ECO NO
	PREFIX	CONNECTOR	PIN	SIG	PREFIX	CONNECTOR	PIN	SIG	MULTI GROUP	CODE	COLOR	IDENT	SPECIAL SIGNAL											
13045		XA447	71											SSB17H	02			SAM	Z4					
13046		XA447	72											SSA17J	02			SAM	Z4					
13047		XA447	73											SPP	01			SAM						
13048		XA447	74											SSB17J	02			SAM	Z4					
13049		XA447	75											SPP	01			SAM						
13050		XA447	76											SPP	01			SAM						
13051		XA447	77			XA448	77			16B	9			MSES7B	05			SAM	Z4					
13052		XA447	78			XA447	65			16B	9			MSD17A	011			SAM						
13053		XA447	79			XA446	79			18D	2			+05RES	47			SAM	Z4					
13054		XA447	80			XA447	78			16B	9			MSD17A	01			SAM	Z4				SENSE AMP 17*	
13055		XA448	01			XA447	01			16B	9			MSES0B	31			SAM	Z1					
13056		XA448	02											GND	01			SAM						
13057		XA448	03											SPP	01			SAM						
13058		XA448	04											SPP	01			SAM						
13059		XA448	05											SSA16A	02			SAM	Z1					
13060		XA448	06											SPP	01			SAM						
13061		XA448	07											SSB16A	02			SAM	Z1					
13062		XA448	08											SPP	01			SAM						
13063		XA448	09											SPP	01			SAM						
13064		XA448	10											SPP	01			SAM						
13065		XA448	11			XA449	11			18D	2			+5VSAM	07			SAM						
13066		XA448	12											+5V	01			SAM						
13067		XA448	13											SSA16B	02			SAM	Z1					
13068		XA448	14											SSB16B	02			SAM	Z1					
13069		XA448	15											SPP	01			SAM						
13070		XA448	16											GND	01			SAM						
13071		XA448	17			XA449	17			16B	9			MSES1B	06			SAM	Z1					
13072		XA448	18											SPP	01			SAM	Z1					
13073		XA448	19			XA325	52			16B	9			MSD16A	04			SAM	Z1					
13074		XA448	20			XA447	20			16B	9			MSES2B	04			SAM	Z2					
13075		XA448	21											SPP	01			SAM						
13076		XA448	22											SPP	01			SAM						
13077		XA448	23											SSA16C	02			SAM	Z2					
13078		XA448	24											SPP	01			SAM						
13079		XA448	25											SSB16C	02			SAM	Z2					
13080		XA448	26											SPP	01			SAM						
00030		XA448	27											DNW	01	+5SAM		SAM						
13081		XA448	28											+5V	01			SAM						
13082		XA448	29											SPP	01			SAM					KEYWAY	
13083		XA448	30											SPP	01			SAM					KEYWAY	
13084		XA448	31											SPP	01			SAM						
13085		XA448	32											GND	01			SAM						
13086		XA448	33											SSA16D	02			SAM	Z2					
13087		XA448	34											SPP	01			SAM						
13088		XA448	35											SSB16D	02			SAM	Z2					
13089		XA448	36											SPP	01			SAM						
13090		XA448	37											SPP	01			SAM						
13091		XA448	38											SPP	01			SAM						

CONNECTOR XA448 CONTINUED ON THE NEXT PAGE ****

RECORD NUMBER	FROM PREFIX	FROM CONNECTOR	FROM PIN	FROM SH FG	TO PREFIX	TO CONNECTOR	TO PIN	TO SH FG	WIRE MULTI GROUP	WIRE CODE	WIRE COLOR	WIRE IDENT	SPEC INST MISC	SIGNAL	SEQ NO	EQUATION	TERM FACTOR	CKT OR CHIP TYPE	GRAP	LOAD OF POWER PLANE	TEST POINTS AND	TEST POINTS OR	SIGNAL DESCRIPTION	ECO NO
13092		XA448	39			XA449	39			18D	2			+5VREF	06			SAM	Z2					
13093		XA448	40											SPP	01			SAM						
13094		XA448	41			XA449	41			16B	9			MSES3B	33			SAM	Z2					
13095		XA448	42											SPP	01			SAM						
13096		XA448	43			XA448	19			16B	9			MSD16A	03			SAM	Z2					
13097		XA448	44											GND	01			SAM						
13098		XA448	45			XA449	45			16B	9			MSES4B	33			SAM	Z3					
13099		XA448	46											SPP	01			SAM						
13100		XA448	47											SPP	01			SAM						
13101		XA448	48											SPP	01			SAM						
13102		XA448	49											SSA16E	02			SAM	Z3					
13103		XA448	50											SPP	01			SAM						
13104		XA448	51											SSB16E	02			SAM	Z3					
13105		XA448	52											SPP	01			SAM						
13106		XA448	53											SPP	01			SAM					KEYWAY	
13107		XA448	54											SPP	01			SAM					KEYWAY	
13108		XA448	55											SSA16F	02			SAM	Z3					
13109		XA448	56											SPP	01			SAM						
13110		XA448	57											SSB16F	02			SAM	Z3					
13111		XA448	58											GND	01			SAM						
13112		XA448	59			XA448	60			18D	7			-5VOLT	12			SAM						
13113		XA448	60			XA449	59			18D	7			-5VOLT	13			SAM						
13114		XA448	61											SPP	01			SAM	Z3					
13115		XA448	62											SPP	01			SAM						
13116		XA448	63			XA447	63			16B	9			MSES5B	04			SAM	Z3					
13117		XA448	64											SPP	01			SAM						
13118		XA448	65			XA448	43			16B	9			MSD16A	02			SAM	Z3					
13119		XA448	66			XA449	66			16B	9			MSES6B	06			SAM	Z4					
13120		XA448	67											GND	01			SAM						
13121		XA448	68											SPP	01			SAM						
13122		XA448	69											SSA16H	02			SAM	Z4					
13123		XA448	70											SPP	01			SAM						
13124		XA448	71											SSB16H	02			SAM	Z4					
13125		XA448	72											SSA16J	02			SAM	Z4					
13126		XA448	73											SPP	01			SAM						
13127		XA448	74											SSB16J	02			SAM	Z4					
13128		XA448	75											SPP	01			SAM						
13129		XA448	76											SPP	01			SAM						
13130		XA448	77			XA449	77			16B	9			MSES7B	06			SAM	Z4					
13131		XA448	78			XA448	65			16B	9			MSD16A	011			SAM						
13132		XA448	79			XA447	79			18D	2			+05RES	46			SAM	Z4					
13133		XA448	80			XA448	78			16B	9			MSD16A	01			SAM	Z4				SENSE AMP 16*	
13134		XA449	01			XA448	01			16B	9			MSES0B	30			SAM	Z1					
13135		XA449	02											GND	01			SAM						
13136		XA449	03											SPP	01			SAM						
13137		XA449	04											SPP	01			SAM						
13138		XA449	05											SSA15A	02			SAM	Z1					
13139		XA449	06											SPP	01			SAM						
CONNECTOR XA449) CONTINUED ON THE NEXT PAGE ****																								

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UNIT ASSEMBLY CARD CAGE WIRED, MCU CONNECTOR FILE IDENT T39AMCMU DATE 09-02-82 PAGE 411

RECORD NUMBER	FROM				TO				WIRE					SIGNAL	SEQ NO	EQUATION	TERM	FACTOR	CKT OR CHIP TYPE	GROUP	LOAD OR POWER PLANE	TEST POINTS		SIGNAL DESCRIPTION	ECO NO
	PREFIX	CONNECTOR	PIN	SH FG	PREFIX	CONNECTOR	PIN	SH FG	MULTI GROUP	CODE	COLOR	IDENT	SPEC INST MISC									AND	OR		
13140		XA449	07											SSB15A	02				SAM	Z1					
13141		XA449	08											SPP	01				SAM						
13142		XA449	09											SPP	01				SAM						
13143		XA449	10											SPP	01				SAM						
13144		XA449	11			XA450	11			18D	2			+5VSAM	08				SAM						
13145		XA449	12											+5V	01				SAM						
13146		XA449	13											SSA15B	02				SAM	Z1					
13147		XA449	14											SSB15B	02				SAM	Z1					
13148		XA449	15											SPP	01				SAM						
13149		XA449	16											GND	01				SAM						
13150		XA449	17			XA450	17			16B	9			MSES1B	07				SAM	Z1					
13151		XA449	18											SPP	01				SAM	Z1					
13152		XA449	19			XA325	36			16B	9			MSD15A	04				SAM	Z1					
13153		XA449	20			XA448	20			16B	9			MSES2B	03				SAM	Z2					
13154		XA449	21											SPP	01				SAM						
13155		XA449	22											SPP	01				SAM						
13156		XA449	23											SSA15C	02				SAM	Z2					
13157		XA449	24											SPP	01				SAM						
13158		XA449	25											SSB15C	02				SAM	Z2					
13159		XA449	26											SPP	01				SAM						
00031		XA449	27											DNW	01	+5SAM			SAM						
13160		XA449	28											+5V	01				SAM						
13161		XA449	29											SPP	01				SAM					KEYWAY	
13162		XA449	30											SPP	01				SAM					KEYWAY	
13163		XA449	31											SPP	01				SAM						
13164		XA449	32											GND	01				SAM						
13165		XA449	33											SSA15D	02				SAM	Z2					
13166		XA449	34											SPP	01				SAM						
13167		XA449	35											SSB15D	02				SAM	Z2					
13168		XA449	36											SPP	01				SAM						
13169		XA449	37											SPP	01				SAM						
13170		XA449	38											SPP	01				SAM						
13171		XA449	39			XA450	39			18D	2			+5VREF	07				SAM	Z2					
13172		XA449	40											SPP	01				SAM						
13173		XA449	41			XA450	41			16B	9			MSES3B	34				SAM	Z2					
13174		XA449	42											SPP	01				SAM						
13175		XA449	43			XA449	19			16B	9			MSD15A	03				SAM	Z2					
13176		XA449	44											GND	01				SAM						
13177		XA449	45			XA450	45			16B	9			MSES4B	34				SAM	Z3					
13178		XA449	46											SPP	01				SAM						
13179		XA449	47											SPP	01				SAM						
13180		XA449	48											SPP	01				SAM						
13181		XA449	49											SSA15E	02				SAM	Z3					
13182		XA449	50											SPP	01				SAM						
13183		XA449	51											SSB15E	02				SAM	Z3					
13184		XA449	52											SPP	01				SAM						
13185		XA449	53											SPP	01				SAM					KEYWAY	
13186		XA449	54											SPP	01				SAM					KEYWAY	
13187		XA449	55											SSA15F	02				SAM	Z3					
13188		XA449	56											SPP	01				SAM						
CONNECTOR	XA449		CONTINUED ON THE NEXT PAGE ****																						

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RECORD NUMBER	FROM PREFIX	FROM CONNECTOR	FROM PIN	FROM SH FG	TO PREFIX	TO CONNECTOR	TO PIN	TO SH FG	WIRE MULTI GROUP	WIRE CODE	WIRE COLOR	WIRE IDENT	SPEC INST MISC	SIGNAL	SEC NO	EQUATION	TERM	FACTOR	CAT OR CHIP TYPE	GROUP	LOAD CP POWER PLANE	TEST POINTS AND	TEST POINTS OR	SIGNAL DESCRIPTION	ECO NO
13189		XA449	57											SSB15F	02				SAM	Z3					
13190		XA449	58											GND	01				SAM						
13191		XA449	59			XA449	60			1BD	7			-5VOLT	14				SAM						
13192		XA449	60			XA450	59			1BD	7			-5VOLT	15				SAM						
13193		XA449	61											SPP	01				SAM	Z3					
13194		XA449	62											SPP	01				SAM						
13195		XA449	63			XA448	63			16B	9			MSES5B	03				SAM	Z3					
13196		XA449	64											SPP	01				SAM						
13197		XA449	65			XA449	43			16B	9			MSD15A	02				SAM	Z3					
13198		XA449	66			XA450	66			16B	9			MSES6B	07				SAM	Z4					
13199		XA449	67											GND	01				SAM						
13200		XA449	68											SPP	01				SAM						
13201		XA449	69											SSA15H	02				SAM	Z4					
13202		XA449	70											SPP	01				SAM						
13203		XA449	71											SSB15H	02				SAM	Z4					
13204		XA449	72											SSA15J	02				SAM	Z4					
13205		XA449	73											SPP	01				SAM						
13206		XA449	74											SSB15J	02				SAM	Z4					
13207		XA449	75											SPP	01				SAM						
13208		XA449	76											SPP	01				SAM						
13209		XA449	77			XA450	77			16B	9			MSES7B	07				SAM	Z4					
13210		XA449	78			XA449	65			16B	9			MSD15A	011				SAM						
13211		XA449	79			XA448	79			1BD	2			+05RES	45				SAM	Z4					
13212		XA449	80			XA449	78			16B	9			MSD15A	01				SAM	Z4				SENSE AMP 15*	
13213		XA450	01			XA449	01			16B	9			MSES0B	29				SAM	Z1					
13214		XA450	02											GND	01				SAM						
13215		XA450	03											SPP	01				SAM						
13216		XA450	04											SPP	01				SAM						
13217		XA450	05											SSA14A	02				SAM	Z1					
13218		XA450	06											SPP	01				SAM						
13219		XA450	07											SSB14A	02				SAM	Z1					
13220		XA450	08											SPP	01				SAM						
13221		XA450	09											SPP	01				SAM						
13222		XA450	10											SPP	01				SAM						
13223		XA450	11			XA451	11			1BD	2			+5VSAM	09				SAM						
13224		XA450	12											+5V	01				SAM						
13225		XA450	13											SSA14B	02				SAM	Z1					
13226		XA450	14											SSB14B	02				SAM	Z1					
13227		XA450	15											SPP	01				SAM						
13228		XA450	16											GND	01				SAM						
13229		XA450	17			XA451	17			16B	9			MSES1B	08				SAM	Z1					
13230		XA450	18											SPP	01				SAM	Z1					
13231		XA450	19			XA325	38			16B	9			MSD14A	04				SAM	Z1					
13232		XA450	20			XA449	20			16B	9			MSES2B	02				SAM	Z2					
13233		XA450	21											SPP	01				SAM						
13234		XA450	22											SPP	01				SAM						
13235		XA450	23											SSA14C	02				SAM	Z2					
13236		XA450	24											SPP	01				SAM						

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RECORD NUMBER	FROM PREFIX	FROM CONNECTOR	FROM PIN	FROM SH FG	TO PREFIX	TO CONNECTOR	TO PIN	TO SH FG	WIRE MULTI GROUP	WIRE CODE	WIRE COLOR	WIRE IDENT	SPC INST MISC	SIGNAL	SEQ NO	EQUATION	TERM	FACTOR	CKT OR CHIP TYPE	GROUP	LOAD OR POWER PLANE	TEST POINTS AND	TEST POINTS OR	SIGNAL DESCRIPTION	ECO NO
13237		XA450	25											SSB14C	02				SAM	Z2					
13238		XA450	26											SPP	01				SAM						
00032		XA450	27											DNW	01	+5SAM			SAM						
13239		XA450	28											+5V	01				SAM						
13240		XA450	29											SPP	01				SAM					KEYWAY	
13241		XA450	30											SPP	01				SAM					KEYWAY	
13242		XA450	31											SPP	01				SAM						
13243		XA450	32											GND	01				SAM						
13244		XA450	33											SSA14D	02				SAM	Z2					
13245		XA450	34											SPP	01				SAM						
13246		XA450	35											SSB14D	02				SAM	Z2					
13247		XA450	36											SPP	01				SAM						
13248		XA450	37											SPP	01				SAM						
13249		XA450	38											SPP	01				SAM						
13250		XA450	39			XA451	39			18D	2			+5VREF	08				SAM	Z2					
13251		XA450	40											SPP	01				SAM						
13252		XA450	41			XA451	41			16B	9			MSES3B	35				SAM	Z2					
13253		XA450	42											SPP	01				SAM						
13254		XA450	43			XA450	19			16B	9			MSD14A	03				SAM	Z2					
13255		XA450	44											GND	01				SAM						
13256		XA450	45			XA451	45			16B	9			MSES4B	35				SAM	Z3					
13257		XA450	46											SPP	01				SAM						
13258		XA450	47											SPP	01				SAM						
13259		XA450	48											SPP	01				SAM						
13260		XA450	49											SSA14E	02				SAM	Z3					
13261		XA450	50											SPP	01				SAM						
13262		XA450	51											SSB14E	02				SAM	Z3					
13263		XA450	52											SPP	01				SAM						
13264		XA450	53											SPP	01				SAM					KEYWAY	
13265		XA450	54											SPP	01				SAM					KEYWAY	
13266		XA450	55											SSA14F	02				SAM	Z3					
13267		XA450	56											SPP	01				SAM						
13268		XA450	57											SSB14F	02				SAM	Z3					
13269		XA450	58											GND	01				SAM						
13270		XA450	59			XA450	60			18D	7			-5VOLT	16				SAM						
13271		XA450	60			XA451	59			18D	7			-5VOLT	17				SAM						
13272		XA450	61											SPP	01				SAM	Z3					
13273		XA450	62											SPP	01				SAM						
13274		XA450	63			XA449	63			16B	9			MSES5B	02				SAM	Z3					
13275		XA450	64											SPP	01				SAM						
13276		XA450	65			XA450	43			16B	9			MSD14A	02				SAM	Z3					
13277		XA450	66			XA451	66			16B	9			MSES6B	08				SAM	Z4					
13278		XA450	67											GND	01				SAM						
13279		XA450	68											SPP	01				SAM						
13280		XA450	69											SSA14H	02				SAM	Z4					
13281		XA450	70											SPP	01				SAM						
13282		XA450	71											SSB14H	02				SAM	Z4					
13283		XA450	72											SSA14J	02				SAM	Z4					
13284		XA450	73											SPP	01				SAM						
13285		XA450	74											SSB14J	02				SAM	Z4					

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RECORD NUMBER	FROM PREFIX	FROM CONNECTOR	FROM PIN	FROM SH FG	TO PREFIX	TO CONNECTOR	TO PIN	TO SH FG	WIRE MULTI GROUP	WIRE CODE	WIRE COLOR	WIRE IDENT	SPEC INST MISC	SIGNAL	SEQ NO	EQUATION	TERM FACTOR	CKT OR CHIP TYPE	LOAD	LOAD OR POWER PLANE	TEST POINTS AND	TEST POINTS OR	SIGNAL DESCRIPTION	ECO NO
13286		XA450	75											SPP	01			SAM						
13287		XA450	76											SPP	01			SAM						
13288		XA450	77			XA451	77			16B	9			MSES7B	08			SAM	Z4					
13289		XA450	78			XA450	65			16B	9			MSD14A	011			SAM						
13290		XA450	79			XA449	79			18D	2			+05RES	44			SAM	Z4					
13291		XA450	80			XA450	78			16B	9			MSD14A	01			SAM	Z4				SENSE AMP 14*	
13292		XA451	01			XA450	01			16B	9			MSES0B	28			SAM	Z1					
13293		XA451	02											GND	01			SAM						
13294		XA451	03											SPP	01			SAM						
13295		XA451	04											SPP	01			SAM						
13296		XA451	05											SSA13A	02			SAM	Z1					
13297		XA451	06											SPP	01			SAM						
13298		XA451	07											SSB13A	02			SAM	Z1					
13299		XA451	08											SPP	01			SAM						
13300		XA451	09											SPP	01			SAM						
13301		XA451	10											SPP	01			SAM						
13302		XA451	11			XA351	11			18D	2			+5VSAM	10			SAM						
13303		XA451	12											+5V	01			SAM						
13304		XA451	13											SSA13B	02			SAM	Z1					
13305		XA451	14											SSB13B	02			SAM	Z1					
13306		XA451	15											SPP	01			SAM						
13307		XA451	16											GND	01			SAM						
13308		XA451	17			XA351	17			16B	9			MSES1B	09			SAM	Z1					
13309		XA451	18											SPP	01			SAM	Z1					
13310		XA451	19			XA325	20			16B	9			MSD13A	04			SAM	Z1					
13311		XA451	20			XA450	20			18B	9			MSES2B	01			SAM	Z2					
13312		XA451	20										K	MSES2B	211			SAM	Z2					
13313		XA451	21											SPP	01			SAM						
13314		XA451	22											SPP	01			SAM						
13315		XA451	23											SSA13C	02			SAM	Z2					
13316		XA451	24											SPP	01			SAM						
13317		XA451	25											SSB13C	02			SAM	Z2					
13318		XA451	26											SPP	01			SAM						
00033		XA451	27											DNW	01	+5SAM		SAM						
13319		XA451	28											+5V	01			SAM						
13320		XA451	29											SPP	01			SAM					KEYWAY	
13321		XA451	30											SPP	01			SAM					KEYWAY	
13322		XA451	31											SPP	01			SAM						
13323		XA451	32											GND	01			SAM						
13324		XA451	33											SSA13D	02			SAM	Z2					
13325		XA451	34											SPP	01			SAM						
13326		XA451	35											SSB13D	02			SAM	Z2					
13327		XA451	36											SPP	01			SAM						
13328		XA451	37											SPP	01			SAM						
13329		XA451	38											SPP	01			SAM						
13330		XA451	39			XA351	39			18D	2			+5VREF	09			SAM	Z2					
13331		XA451	40											SPP	01			SAM						
13332		XA451	41											MSES3B	36			SAM	Z2					

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RECORD NUMBER	FROM PREFIX	FROM CONNECTOR	FROM PIN	FROM SH FG	TO PREFIX	TO CONNECTOR	TO PIN	TO SH FG	WIRE MULTI GROUP	WIRE CODE	WIRE COLOR	WIRE IDENT	SPEC INST MISC	SIGNAL	SEQ NO	EQUATION	TERM	FACTOR	CKT OR CHIP TYPE	GROUP	LOAD OR POWER PLANS	TEST POINTS AND	TEST POINTS OR	SIGNAL DESCRIPTION	ECO NO
13333		XA451	42											SPP	01				SAM						
13334		XA451	43			XA451	19			16B	9			MSD13A	03				SAM	Z2					
13335		XA451	44											GND	01				SAM						
13336		XA451	45											MSES4B	36				SAM	Z3					
13337		XA451	46											SPP	01				SAM						
13338		XA451	47											SPP	01				SAM						
13339		XA451	48											SPP	01				SAM						
13340		XA451	49											SSA13E	02				SAM	Z3					
13341		XA451	50											SPP	01				SAM						
13342		XA451	51											SSB13E	02				SAM	Z3					
13343		XA451	52											SPP	01				SAM						
13344		XA451	53											SPP	01				SAM					KEYWAY	
13345		XA451	54											SPP	01				SAM					KEYWAY	
13346		XA451	55											SSA13F	02				SAM	Z3					
13347		XA451	56											SPP	01				SAM						
13348		XA451	57											SSB13F	02				SAM	Z3					
13349		XA451	58											GND	01				SAM						
13350		XA451	59			XA451	60			1BD	7			-5VOLT	18				SAM						
13351		XA451	60			XA351	60			1BD	7			-5VOLT	19				SAM						
13352		XA451	61											SPP	01				SAM	Z3					
13353		XA451	62											SPP	01				SAM						
13354		XA451	63			XA450	63			16B	9			MSES5B	01				SAM	Z3					
13355		XA451	64											SPP	01				SAM						
13356		XA451	65			XA451	43			16B	9			MSD13A	02				SAM	Z3					
13357		XA451	66										K	MSES6B	09				SAM	Z4					
13358		XA451	67											GND	01				SAM						
13359		XA451	68											SPP	01				SAM						
13360		XA451	69											SSA13H	02				SAM	Z4					
13361		XA451	70											SPP	01				SAM						
13362		XA451	71											SSB13H	02				SAM	Z4					
13363		XA451	72											SSA13J	02				SAM	Z4					
13364		XA451	73											SPP	01				SAM						
13365		XA451	74											SSB13J	02				SAM	Z4					
13366		XA451	75											SPP	01				SAM						
13367		XA451	76											SPP	01				SAM						
13368		XA451	77			XA351	77			1BB	9			MSES7B	09				SAM	Z4					
13369		XA451	78			XA451	65			16B	9			MSD13A	011				SAM						
13370		XA451	79			XA450	79			1BD	2			+05RES	43				SAM	Z4					
13371		XA451	80			XA451	78			16B	9			MSD13A	01				SAM	Z4				SENSE AMP 13*	
13372		XA501	01											SPP	01				VSE						
13373		XA501	02											GND	01				VSE						
13374		XA501	02			XA502	02			16B	9			GND702	01				VSE						
13375		XA501	03											SPP	01				VSE						
13376		XA501	04											GND	01				VSE						
13377		XA501	05											SPP	01				VSE						
13378		XA501	06											GND	01				VSE						
13379		XA501	07											SPP	01				VSE						
13380		XA501	08											GND	01				VSE						

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RECORD NUMBER	FROM PREFIX	FROM CONNECTOR	FROM PIN	FROM SH FG	TO PREFIX	TO CONNECTOR	TO PIN	TO SH FG	WIRE MULTI GROUP	WIRE CODE	WIRE COLOR	WIRE IDENT	SPEC INST MISC	SIGNAL	SEC NO	EQUATION	TERM FACTOR	CKT OR SHLD TYPE	GROUP	LOAD OR POWER PLANE	TEST POINTS AND	TEST POINTS OR	SIGNAL DESCRIPTION	ECO NO
13381		XA501	09										K	VARDCD5	06			VSE	VR					
13382		XA501	10			XA529	77			18D	2			VARDCD5	02			VSE	VR					
13383		XA501	11											SPP	01			VSE						
13384		XA501	12											GND	01			VSE						
13385		XA501	13											SPP	01			VSE						
13386		XA501	14											GND	01			VSE						
13387		XA501	15											SPP	01			VSE						
13388		XA501	16											GND	01			VSE						
13389		XA501	16			XA502	16			16B	9			GND716	01			VSE						
13390		XA501	17			XA503	33			16B	9			MCSD00	05			VSE	N1					
13391		XA501	18											GND	01			VSE						
13392		XA501	19											SPP	01			VSE						
13393		XA501	20											GND	01			VSE						
13394		XA501	21			XA505	01			16B	9			MCSD01	01			VSE	N2				BIT 01 VOLT SOURCE	
13395		XA501	22											GND	01			VSE						
13396		XA501	23											SPP	01			VSE						
13397		XA501	24											GND	01			VSE						
13398		XA501	25											SPP	01			VSE					KEYWAY	
13399		XA501	26											SPP	01			VSE					KEYWAY	G02
13400		XA501	27											SPP	01			VSE						
13401		XA501	28											GND	01			VSE						
13402		XA501	29											MCSD14	09			VSE	N3					
13403		XA501	30											GND	01			VSE						
13404		XA501	31											SPP	01			VSE						
13405		XA501	32											GND	01			VSE						
13406		XA501	32			XA502	32			16B	9			GND732	01			VSE						
13407		XA501	33											SPP	01			VSE						
13408		XA501	34											GND	01			VSE						
13409		XA501	35											SPP	01			VSE						
13410		XA501	36											GND	01			VSE						
13411		XA501	37											SPP	01			VSE						
13412		XA501	38											GND	01			VSE						
13413		XA501	39			XA510	50			16B	9			MCSD15	01			VSE	N4				BIT 15 VOLT SOURCE	
13414		XA501	40											GND	01			VSE						
13415		XA501	41											SPP	01			VSE						
13416		XA501	42											GND	01			VSE						
13417		XA501	43											SPP	01			VSE						
13418		XA501	44											GND	01			VSE						
13419		XA501	44			XA502	44			16B	9			GND744	01			VSE						
13420		XA501	45											SPP	01			VSE						
13421		XA501	46											GND	01			VSE						
13422		XA501	47											MCSD31	09			VSE	N5					
13423		XA501	48											GND	01			VSE						
13424		XA501	49											SPP	01			VSE						
13425		XA501	50											GND	01			VSE						
13426		XA501	51											SPP	01			VSE					KEYWAY	
13427		XA501	52											SPP	01			VSE					KEYWAY	G02
13428		XA501	53											SPP	01			VSE						
13429		XA501	54											GND	01			VSE						
13430		XA501	55											MCSD32	09			VSE	N6					

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RECORD NUMBER	FROM PREFIX	FROM CONNECTOR	FROM PIN	FROM SH FR	TO PREFIX	TO CONNECTOR	TO PIN	TO SH FR	WIRE MULTI GROUP	WIRE CODE	WIRE COLOR	WIRE IDENT	SPEC INST MISC	SIGNAL	SRC NO	EQUATION	TERM	FACTOR	CKT OR CHIP TYPE	GROUP	LOAD OR POWER PLANS	TEST POINTS AND	TEST POINTS OR	SIGNAL DESCRIPTION	ECO NO
13431		XA501	56											GND	01				VSE						
13432		XA501	56			XA502	57			16B	9			GND757	01				VSE						
13433		XA501	57											SPP	01				VSE						
13434		XA501	58											GND	01				VSE						
13435		XA501	58			XA502	58			16B	9			GND758	01				VSE						
13436		XA501	59											SPP	01				VSE						
13437		XA501	60											GND	01				VSE						
13438		XA501	61											SPP	01				VSE						
13439		XA501	62											GND	01				VSE						
13440		XA501	63			XA503	63			16B	9			MCSD16	01				VSE	N7				BIT 16 VOLT SOURCE	
13441		XA501	64											GND	01				VSE						
13442		XA501	65											SPP	01				VSE						
13443		XA501	66											GND	01				VSE						
13444		XA501	67			XA502	67			16B	9			GND767	01				VSE						
13445		XA501	68											GND	01				VSE						
13446		XA501	69											SPP	01				VSE						
13447		XA501	70											GND	01				VSE						
13448		XA501	71											SPP	01				VSE						
13449		XA501	72											GND	01				VSE						
13450		XA501	73											SPP	01				VSE						
13451		XA501	74											SPP	01				VSE						
13452		XA501	75											SPP	01				VSE						
13453		XA501	76											SPP	01				VSE						
13454		XA501	77											SPP	01				VSE						
13455		XA501	78											GND	01				VSE						
13456		XA501	79											SPP	01				VSE						
13457		XA501	80											GND	01				VSE						
13458		XA502	01											SPP											
13459		XA502	02											GND702	02										
13460		XA502	03			XA502	04			16B	9			+5VPC	01										
13461		XA502	04			XA502	13			16B	9			+5VPC	02										
13462		XA502	05											MCY0PDX	04										
13463		XA502	06			XA403	03			16B	9			MCY00DX	00C										
13464		XA502	07			XA403	05			16B	9			MCY01DX	00C										
13465		XA502	08			XA403	07			16B	9			MCY02DX	00C										
13466		XA502	09											MCY07DX	04										
13467		XA502	10			XA403	09			16B	9			MCY03DX	00C										
13468		XA502	11											SPP										KEYWAY	G02
13469		XA502	12											SPP										KEYWAY	G02
13470		XA502	13			XA502	14			16B	9			+5VPC	03										
13471		XA502	14			XA502	21			16B	9			+5VPC	04										
13472		XA502	15											SPP											
13473		XA502	16											GND716	02										
13474		XA502	17			XA403	11			16B	9			MCY04DX	00C										
13475		XA502	18			XA403	13			16B	9			MCY05DX	00C										
13476		XA502	19			XA403	27			16B	9			MCY12DX	00C										
13477		XA502	20											MCY06DX	04										
13478		XA502	21			XA502	22			16B	9			+5VPC	05										

CONNECTOR (XA502) CONTINUED ON THE NEXT PAGE ****

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DRAWING NUMBER 149304-880 UNIT ASSEMBLY NO. 149304 REV G INDEX XA502

UNIT ASSEMBLY CARD CAGE WIRED, MCU CONNECTOR FILE IDENT T39AMCMU DATE 09-02-82 PAGE 418

RECORD NUMBER	FROM PREFIX	FROM CONNECTOR	FROM PIN	FROM SH FB	TO PREFIX	TO CONNECTOR	TO PIN	TO SH FB	WIRE MULTI GROUP	WIRE CODE	WIRE COLOR	WIRE IDENT	SPC INST MISC	SIGNAL	SEQ NO	EQUATION	TERM	FACTOR	CKT OR CHIP TYPE	GROUP	LOAD OR POWER PLANE	TEST POINTS AND	TEST POINTS OR	SIGNAL DESCRIPTION	ECO NO
13479		XA502	22			XA502	33			16B	9			+5VPC	06										
13480		XA502	23											SPP											
13481		XA502	24											MCY08DX	04										
13482		XA502	25											MCY09DX	04										
13483		XA502	26			XA403	23			16B	9			MCY10DX	00C										
13484		XA502	27											SPP										KEYWAY	G02
13485		XA502	28											SPP										KEYWAY	G02
13486		XA502	29			XA403	45			16B	9			MCY21DX	00C										
13487		XA502	30			XA403	25			16B	9			MCY11DX	00C										
13488		XA502	31											SPP											
13489		XA502	32			XA301	58		VF	23D	0			+5VPCR	01										
13490		XA502	32											GND732	02										
13491		XA502	33			XA502	34			16B	9			+5VPC	07										
13492		XA502	33			XA301	57		VF	23D	2			+5VPC	13										
13493		XA502	34			XA502	49			16B	9			+5VPC	08										
13494		XA502	35											SPP											
13495		XA502	36			XA403	29			16B	9			MCY13DX	00C										
13496		XA502	37			XA403	31			16B	9			MCY14DX	00C										
13497		XA502	38			XA403	33			16B	9			MCY15DX	00C										
13498		XA502	39											SPP	01										
13499		XA502	40			XA403	35			16B	9			MCY16DX	00C										
13500		XA502	41			XA403	37			16B	9			MCY17DX	00C										
13501		XA502	42			XA403	39			16B	9			MCY18DX	00C										
13502		XA502	43											SPP											
13503		XA502	44											GND744	02										
13504		XA502	45			XA403	41			16B	9			MCY19DX	00C										
13505		XA502	46			XA403	43			16B	9			MCY20DX	00C										
13506		XA502	47											SPP											
13507		XA502	48			XA403	47			16B	9			MCY22DX	00C										
13508		XA502	49			XA502	50			16B	9			+5VPC	09										
13509		XA502	50			XA502	59			16B	9			+5VPC	10										
13510		XA502	51			XA403	49			16B	9			MCY23DX	00C										
13511		XA502	52			XA403	51			16B	9			MCY24DX	00C										
13512		XA502	53			XA403	53			16B	9			MCY25DX	00C										
13513		XA502	54			XA403	55			16B	9			MCY26DX	00C										
13514		XA502	55			XA403	57			16B	9			MCY27DX	00C										
13515		XA502	56			XA403	59			16B	9			MCY28DX	00C										
13516		XA502	57											GND757	02										
13517		XA502	58											GND758	02										
13518		XA502	59			XA502	60			16B	9			+5VPC	11										
13519		XA502	60			XA502	69			16B	9			+5VPC	12										
13520		XA502	61			XA403	61			16B	9			MCY29DX	00C										
13521		XA502	62			XA403	63			16B	9			MCY30DX	00C										
13522		XA502	63			XA403	65			16B	9			MCY31DX	00C										
13523		XA502	64											SPP											
13524		XA502	65			XA403	69			16B	9			MCYACDX	00C										
13525		XA502	66			XA403	71			16B	9			MCYHCDX	00C										
13526		XA502	67											GND767	02										
13527		XA502	68											SPP											
13528		XA502	69			XA502	70			16B	9			+5VPC	12C										

CONNECTOR (XA502) CONTINUED ON THE NEXT PAGE ****

RECORD NUMBER	FROM PREFIX	FROM CONNECTOR	FROM PIN	FROM SH FG	TO PREFIX	TO CONNECTOR	TO PIN	TO SH FG	WIRE MULTI GROUP	WIRE CODE	WIRE COLOR	WIRE IDENT	SPEC INST MISC	SIGNAL	SEQ NO	EQUATION	TERM FACTOR	CKT OR CHIP TYPE	GROUP	LOAD OR POWER PLANE	TEST POINTS AND	TEST POINTS OR	SIGNAL DESCRIPTION	ECO NO
13529		XA502	70										K	+5VPC	125									
13530		XA502	71											SPP										
13531		XA502	72			XA403	77			16B	9			MCYAPDX	00C									
13532		XA502	73											SPP										
13533		XA502	74											MCYPFDX	04									
13534		XA502	75											SPP										
13535		XA502	76											SPP										
13536		XA502	77											MCYS1HX	04									
13537		XA502	78											MCYS2HX	04									
13538		XA502	79			XA403	76			16B	9			MCYS2GX	00C									
13539		XA502	80			XA403	74			16B	9			MCYS1GX	00C									
13540		XA503	01			XA504	01			16B	9			MCSD00	01			SWT	Z1				BIT 00 VOLT SOURCE	
13541		XA503	02			XA504	02			16B	9			GND1200	01			SWT						
13542		XA503	03			XA504	68			16B	9			MDB0CB	24			SWT	Z1					
13543		XA503	04			XA504	10			16B	9			MDB1CB	12			SWT	Z1					
13544		XA503	05											SPP	01			SWT	Z1					
13545		XA503	06			XA504	06			16B	9			MDW00A	03			SWT	Z1					
13546		XA503	07			XA508	03			16B	9			MDB2CB	16			SWT	Z1					
13547		XA503	08			XA504	39			16B	9			MDR1DB	29			SWT	Z1					
13548		XA503	09			XA504	15			16B	9			00YSS0	01			SWT	Z1					
13549		XA503	10			XA504	04			16B	9			MDB3CB	16			SWT	Z1					
13550		XA503	11											00YSS1	02			SWT	Z1					
13551		XA503	12											+5V	01			SWT						
13552		XA503	12			XA504	12			16B	9			+5V1503A	01			SWT						
13553		XA503	13											00YCA0	02			SWT	Z2					
13554		XA503	14			XA506	14			1BD	2			+12VOLT	085			SWT						
13555		XA503	14			XA503	47			1BD	2			+12VOLT	135			SWT						
13556		XA503	15			XA504	09			16B	9			00YSS2	01			SWT	Z1					
13557		XA503	16			XA504	16			16B	9			GND1201	01			SWT						
13558		XA503	17			XA501	17			16B	9			MCSD00	04			SWT	Z2					
13559		XA503	18											00YCA1	02			SWT	Z2					
13560		XA503	19			XA505	19			16B	9			MDA0CB	16			SWT	Z2					
13561		XA503	20			XA408	72			16B	9			MDA1CB	18			SWT	Z2					
13562		XA503	21											00YSS3	02			SWT	Z1					
13563		XA503	22			XA505	22			16B	9			MDA3CB	12			SWT	Z2					
13564		XA503	23			XA504	23			16B	9			MDR00A	03			SWT	Z2					
13565		XA503	24											00YCC3	02			SWT	Z2					
13566		XA503	25			XA504	25			16B	9			MDWIDB	05			SWT	Z2					
13567		XA503	26											SPP	01			SWT	Z2					
13568		XA503	27			XA507	27			16B	9			MDA2CB	12			SWT	Z2					
13569		XA503	28											+5V	01			SWT						
13570		XA503	28			XA504	28			16B	9			+5V1503B	01			SWT						
13571		XA503	29											SPP	01			SWT					KEYWAY	
13572		XA503	30											SPP	01			SWT					KEYWAY	
13573		XA503	31											00YCC2	02			SWT	Z2					
13574		XA503	32			XA504	32			16B	9			GND1202	01			SWT						
13575		XA503	33			XA504	33			16B	9			MCSD00	06			SWT	Z3					
13576		XA503	34			XA508	72			16B	9			MDB5CB	26			SWT	Z3					

CONNECTOR XA503 CONTINUED ON THE NEXT PAGE ****

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DRAWING NUMBER 149304-880 UNIT ASSEMBLY NO. 149304 REV G INDEX XA503

UNIT ASSEMBLY CARD CAGE WIRED, MCU CONNECTOR FILE IDENT T39AMCMU DATE 09-02-82 PAGE 420

RECORD NUMBER	FROM PREFIX	FROM CONNECTOR	FROM PIN	FROM SH FG	TO PREFIX	TO CONNECTOR	TO PIN	TO SH FG	WIRE MULTI GROUP	WIRE CODE	WIRE COLOR	WIRE IDENT	SPC INST MISC	SIGNAL	SEC NO	EQUATION	TERM	FACTOR	CKT OR CHIP TYPE	GROUP	LOAD CP POWER PLANE	TEST POINTS AND	TEST POINTS OR	SIGNAL DESCRIPTION	ECO NO
13577		XA503	35			XA504	43			16B	9			MDB4CB	08				SWT	Z3					
13578		XA503	36			XA504	34			16B	9			MDB7CB	08				SWT	Z3					
13579		XA503	37			XA504	37			16B	9			MDW00A	01				SWT	Z3					
13580		XA503	38											SPP	01				SWT	Z3					
13581		XA503	39			XA505	39			16B	9			MDRIDB	31				SWT	Z3					
13582		XA503	40			XA504	53			16B	9			00YSS5	01				SWT	Z3					
13583		XA503	41											SPP	01				SWT					KEYWAY	
13584		XA503	42											SPP	01				SWT					KEYWAY	
13585		XA503	43			XA504	35			16B	9			MDB6CB	20				SWT	Z3					
13586		XA503	44			XA504	44			16B	9			GND1203	01				SWT						
13587		XA503	45											00YSS4	02				SWT	Z3					
13588		XA503	46											SPP	01				SWT						
13589		XA503	47										K	+12VOLT	106				SWT						
13590		XA503	47										K	+12VOLT	136				SWT						
13591		XA503	48											SPP	01				SWT						
13592		XA503	49											00YCA6	02				SWT	Z4					
13593		XA503	50			XA504	50			16B	9			MCSD00	08				SWT	Z4					
13594		XA503	51											00YSS6	02				SWT	Z3					
13595		XA503	52											00YCA7	02				SWT	Z4					
13596		XA503	53											00YSS7	02				SWT	Z3					
13597		XA503	54			XA504	27			16B	9			MDA6CB	10				SWT	Z4					
13598		XA503	55			XA503	25			16B	9			MDWIDB	04				SWT	Z4					
13599		XA503	56			XA503	23			16B	9			MDR00A	02				SWT	Z4					
13600		XA503	57			XA504	19			16B	9			MDA4CB	10				SWT	Z4					
13601		XA503	58			XA504	58			16B	9			GND1204	01				SWT						
13602		XA503	59											SPP	01				SWT	Z4					
13603		XA503	60			XA505	60			16B	9			MDA7CB	18				SWT	Z4					
13604		XA503	61											00YCC4	02				SWT	Z4					
13605		XA503	62			XA505	62			16B	9			MDA5CB	01				SWT	Z4					
13606		XA503	63			XA504	63			16B	9			MCSD16	02				SWT	Z5					
13607		XA503	64											00YCC5	02				SWT	Z4					
13608		XA503	65			XA505	70			16B	9			16YSS1	01				SWT						
13609		XA503	66											16YCA1	02				SWT	Z5					
13610		XA503	67			XA504	67			16B	9			GND1205	01				SWT						
13611		XA503	68			XA504	57			16B	9			MDA0CB	02				SWT	Z5					
13612		XA503	69											16YCA0	02				SWT	Z5					
13613		XA503	70			XA505	65			16B	9			16YSS3	01				SWT						
13614		XA503	71			XA505	71			16B	9			MDR16A	01				SWT	Z5					
13615		XA503	72			XA504	62			16B	9			MDA1CB	02				SWT	Z5					
13616		XA503	73			XA504	66			16B	9			16YC01	01				SWT					BIT 16 SQ DIODE 1	
13617		XA503	74											SPP	01				SWT	Z5					
13618		XA503	75											MDA2CB	27				SWT	Z5					
13619		XA503	76			XA505	76			16B	9			MDWIEB	01				SWT	Z5					
13620		XA503	77											16YCC2	02				SWT	Z5					
13621		XA503	78			XA511	78			16B	9			MDA3CB	28				SWT	Z5					
13622		XA503	79			XA504	80			16B	9			16YCI3	01				SWT					BIT 16 SI DIODE 3	
13623		XA503	80											16YCC3	02				SWT	Z5					

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UNIT ASSEMBLY CARD CAGE WIRED, MCU CONNECTOR FILE IDENT T39AMCMU DATE 09-02-82 PAGE 421

RECORD NUMBER	FROM PREFIX	FROM CONNECTOR	FROM PIN	FROM SH FG	TO PREFIX	TO CONNECTOR	TO PIN	TO SH FG	WIRE MULTI GROUP	WIRE CODE	WIRE COLOR	WIRE IDENT	SPC INST MISC	SIGNAL	SEQ NO	EQUATION	TERM	FACTOR	CKT OR CHIP TYPE	GROUP	LOAD OR POWER PLANS	TEST POINTS AND	TEST POINTS OR	SIGNAL DESCRIPTION	ECO NO
13624		XA504	01			XA504	17			16B	9			MCSD00	02				SWT	Z1					
13625		XA504	02											GND	01				SWT						
13626		XA504	02											GND1200	02				SWT						
13627		XA504	03			XA503	07			16B	9			MDB2CB	15				SWT	Z1					
13628		XA504	04			XA506	04			16B	9			MDB3CB	17				SWT	Z1					
13629		XA504	05											SPP	01				SWT	Z1					
13630		XA504	06			XA217	01			16B	9			MDW00A	04				SWT	Z1					
13631		XA504	07			XA503	03			16B	9			MDB0CB	23				SWT	Z1					
13632		XA504	08			XA503	08			16B	9			MDRIDB	28				SWT	Z1					
13633		XA504	09											00YSS2	02				SWT	Z1					
13634		XA504	10			XA505	04			16B	9			MDB1CB	13				SWT	Z1					
13635		XA504	11			XA503	21			16B	9			00YSS3	01				SWT	Z1					
13636		XA504	12											+5V	01				SWT						
13637		XA504	12											+5V1503A	02				SWT						
13638		XA504	13											00YCA4	02				SWT	Z2					
13639		XA504	14			XA503	14			1BD	2			+12VOLT	084				SWT						
13640		XA504	15											00YSS0	02				SWT	Z1					
13641		XA504	16											GND	01				SWT						
13642		XA504	16											GND1201	02				SWT						
13643		XA504	17			XA503	17			16B	9			MCSD00	03				SWT	Z2					
13644		XA504	18											00YCA5	02				SWT	Z2					
13645		XA504	19			XA506	19			16B	9			MDA4CB	11				SWT	Z2					
13646		XA504	20			XA408	62			16B	9			MDA5CB	15				SWT	Z2					
13647		XA504	21			XA503	11			16B	9			00YSS1	01				SWT	Z1					
13648		XA504	22			XA503	60			16B	9			MDA7CB	17				SWT	Z2					
13649		XA504	23			XA218	01			16B	9			MDR00A	04				SWT	Z2					
13650		XA504	24											00YCC7	02				SWT	Z2					
13651		XA504	25			XA505	25			16B	9			MDWIDB	06				SWT	Z2					
13652		XA504	26											SPP	01				SWT	Z2					
13653		XA504	27			XA506	27			16B	9			MDA6CB	11				SWT	Z2					
13654		XA504	28											+5V	01				SWT						
13655		XA504	28											+5V1503B	02				SWT						
13656		XA504	29											SPP	01				SWT					KEYWAY	
13657		XA504	30											SPP	01				SWT					KEYWAY	
13658		XA504	31											00YCC6	02				SWT	Z2					
13659		XA504	32											GND	01				SWT						
13660		XA504	32											GND1202	02				SWT						
13661		XA504	33			XA503	50			16B	9			MCSD00	07				SWT	Z3					
13662		XA504	34			XA505	36			16B	9			MDB7CB	09				SWT	Z3					
13663		XA504	35			XA506	35			16B	9			MDB6CB	21				SWT	Z3					
13664		XA504	36			XA503	34			16B	9			MDB5CB	25				SWT	Z3					
13665		XA504	37			XA503	06			16B	9			MDW00A	02				SWT	Z3					
13666		XA504	38											SPP	01				SWT	Z3					
13667		XA504	39			XA503	39			16B	9			MDRIDB	30				SWT	Z3					
13668		XA504	40			XA503	53			16B	9			00YSS7	01				SWT	Z3					
13669		XA504	41											SPP	01				SWT					KEYWAY	
13670		XA504	42											SPP	01				SWT					KEYWAY	
13671		XA504	43			XA506	43			16B	9			MDB4CB	09				SWT	Z3					
13672		XA504	44											GND	01				SWT						
13673		XA504	44											GND1203	02				SWT						

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DRAWING NUMBER 149304-880 UNIT ASSEMBLY NO. 149304 REV G INDEX XA504

UNIT ASSEMBLY CARD CAGE WIRED, MCU CONNECTOR FILE IDENT T39AMCMU DATE 09-02-82 PAGE 422

RECORD NUMBER	FROM PREFIX	FROM CONNECTOR	FROM PIN	FROM SH FG	TO PREFIX	TO CONNECTOR	TO PIN	TO SH FG	WIRE MULTI GROUP	WIRE CODE	WIRE COLOR	WIRE IDENT	SPC INST MISC	SIGNAL	SEQ NO	EQUATION	TERM	FACTOR	CKT OR CHIP TYPE	GRAPH	LOAD OR POWER PLANE	TEST POINTS AND	TEST POINTS DP	SIGNAL DESCRIPTION	ECO NO
13674		XA504	45			XA503	51			16B	9			00YSS6	01				SWT	Z3					
13675		XA504	46											SPP	01				SWT						
13676		XA504	47			XA503	47			18D	2			+12VOLT	105				SWT						
13677		XA504	48											SPP	01				SWT						
13678		XA504	49											00YCA2	02				SWT	Z4					
13679		XA504	50											MCSD00	09				SWT	Z4					
13680		XA504	51			XA503	45			16B	9			00YSS4	01				SWT	Z3					
13681		XA504	52											00YCA3	02				SWT	Z4					
13682		XA504	53											00YSS5	02				SWT	Z3					
13683		XA504	54			XA503	75			16B	9			MDA2CB	26				SWT	Z4					
13684		XA504	55			XA503	55			16B	9			MDW1DB	03				SWT	Z4					
13685		XA504	56			XA503	56			16B	9			MDR00A	01				SWT	Z4					
13686		XA504	57			XA506	57			16B	9			MDA0CB	03				SWT	Z4					
13687		XA504	58											GND	01				SWT						
13688		XA504	58											GND1204	02				SWT						
13689		XA504	59											SPP	01				SWT	Z4					
13690		XA504	60			XA505	72			16B	9			MDA3CB	25				SWT	Z4					
13691		XA504	61											00YCC0	02				SWT	Z4					
13692		XA504	62			XA506	62			16B	9			MDA1CB	03				SWT	Z4					
13693		XA504	63			XA505	63			16B	9			MCSD16	03				SWT	Z5					
13694		XA504	64											00YCC1	02				SWT	Z4					
13695		XA504	65			XA506	70			16B	9			16YSS0	01				SWT						
13696		XA504	66											16YC01	02				SWT	Z5					
13697		XA504	67											GND	01				SWT						
13698		XA504	67											GND1205	02				SWT						
13699		XA504	68			XA506	75			16B	9			MDB0CB	25				SWT	Z5					
13700		XA504	69											16YC00	02				SWT	Z5					
13701		XA504	70											16YSS2	02				SWT						
13702		XA504	71			XA506	71			16B	9			MDW16A	01				SWT	Z5					
13703		XA504	72			XA506	78			16B	9			MDB1CB	01				SWT	Z5					
13704		XA504	73			XA504	69			16B	9			16YC00	01				SWT					BIT 16 SQ DIODE 0	
13705		XA504	74											SPP	01				SWT	Z5					
13706		XA504	75											MDB2CB	30				SWT	Z5					
13707		XA504	76			XA506	76			16B	9			MDR1EB	01				SWT	Z5					
13708		XA504	77			XA504	79			16B	9			16YC12	01				SWT	Z5				BIT 16 SI DIODE 2	
13709		XA504	78			XA506	72			16B	9			MDB3CB	01				SWT	Z5					
13710		XA504	79											16YC12	02				SWT						
13711		XA504	80											16YC13	02				SWT	Z5					
13712		XA505	01			XA506	01			16B	9			MCSD01	02				SWT	Z1					
13713		XA505	02											GND	01				SWT						
13714		XA505	03			XA504	07			16B	9			MDB0CB	22				SWT	Z1					
13715		XA505	04			XA507	04			16B	9			MDB1CB	14				SWT	Z1					
13716		XA505	05											SPP	01				SWT	Z1					
13717		XA505	06			XA506	06			16B	9			MDW01A	03				SWT	Z1					
13718		XA505	07			XA504	03			16B	9			MDB2CB	14				SWT	Z1					
13719		XA505	08			XA504	08			16B	9			MDR1DB	27				SWT	Z1					
13720		XA505	09											01YSS0	02				SWT	Z1					
13721		XA505	10			XA503	10			16B	9			MDB3CB	15				SWT	Z1					
CONNECTOR (XA505) CONTINUED ON THE NEXT PAGE ****																									

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RECORD NUMBER	FROM PREFIX	FROM CONNECTOR	FROM PIN	FROM SH FG	TO PREFIX	TO CONNECTOR	TO PIN	TO SH FG	WIRE MULTI GROUP	WIRE CODE	WIRE COLOR	WIRE IDENT	SPEC INST MISC	SIGNAL	SEQ NO	EQUATION	TERM	FACTOR	CKT OR CHIP TYPE	GROUP	LOAD OR POWER PLANE	TEST POINTS AND	TEST POINTS OR	SIGNAL DESCRIPTION	ECO NO
13722		XA505	11			XA506	21			16B	9			01YSS1	01				SWT	Z1					
13723		XA505	12											+5V	01				SWT						
13724		XA505	13											01YCA0	02				SWT	Z2					
13725		XA505	14			XA504	14			18D	2			+12VOLT	083				SWT						
13726		XA505	15			XA506	09			16B	9			01YSS2	01				SWT	Z1					
13727		XA505	16											GND	01				SWT						
13728		XA505	17			XA505	33			16B	9			MCSD01	05				SWT	Z2					
13729		XA505	18											01YCA1	02				SWT	Z2					
13730		XA505	19			XA507	19			16B	9			MDA0CB	17				SWT	Z2					
13731		XA505	20			XA503	20			16B	9			MDA1CB	17				SWT	Z2					
13732		XA505	21											01YSS3	02				SWT	Z1					
13733		XA505	22			XA507	22			16B	9			MDA3CB	13				SWT	Z2					
13734		XA505	23			XA506	23			16B	9			MDR01A	03				SWT	Z2					
13735		XA505	24											01YCC3	02				SWT	Z2					
13736		XA505	25			XA506	25			16B	9			MDWIDB	07				SWT	Z2					
13737		XA505	26											SPP	01				SWT	Z2					
13738		XA505	27			XA503	27			16B	9			MDA2CB	11				SWT	Z2					
13739		XA505	28											+5V	01				SWT						
13740		XA505	29											SPP	01				SWT					KEYWAY	
13741		XA505	30											SPP	01				SWT					KEYWAY	
13742		XA505	31											01YCC2	02				SWT	Z2					
13743		XA505	32											GND	01				SWT						
13744		XA505	33			XA506	33			16B	9			MCSD01	06				SWT	Z3					
13745		XA505	34			XA504	36			16B	9			MDB5CB	24				SWT	Z3					
13746		XA505	35			XA503	35			16B	9			MDB4CB	07				SWT	Z3					
13747		XA505	36			XA506	34			16B	9			MDB7CB	10				SWT	Z3					
13748		XA505	37			XA506	37			16B	9			MDW01A	01				SWT	Z3					
13749		XA505	38											SPP	01				SWT	Z3					
13750		XA505	39			XA506	39			16B	9			MDRIDB	32				SWT	Z3					
13751		XA505	40											01YSS5	02				SWT	Z3					
13752		XA505	41											SPP	01				SWT					KEYWAY	
13753		XA505	42											SPP	01				SWT					KEYWAY	
13754		XA505	43			XA503	43			16B	9			MDB6CB	19				SWT	Z3					
13755		XA505	44											GND	01				SWT						
13756		XA505	45			XA506	51			16B	9			01YSS4	01				SWT	Z3					
13757		XA505	46											SPP	01				SWT						
13758		XA505	47			XA504	47			18D	2			+12VOLT	104				SWT						
13759		XA505	48											SPP	01				SWT						
13760		XA505	49											01YCA6	02				SWT	Z4					
13761		XA505	50			XA506	50			16B	9			MCSD01	08				SWT	Z4					
13762		XA505	51											01YSS6	02				SWT	Z3					
13763		XA505	52											01YCA7	02				SWT	Z4					
13764		XA505	53											01YSS7	02				SWT	Z3					
13765		XA505	54			XA503	54			16B	9			MDA6CB	09				SWT	Z4					
13766		XA505	55			XA504	55			16B	9			MDWIDB	02				SWT	Z4					
13767		XA505	56			XA505	23			16B	9			MDR01A	02				SWT	Z4					
13768		XA505	57			XA503	57			16B	9			MDA4CB	09				SWT	Z4					
13769		XA505	58											GND	01				SWT						
13770		XA505	59											SPP	01				SWT	Z4					
13771		XA505	60			XA507	60			16B	9			MDA7CB	19				SWT	Z4					

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RECORD NUMBER	FROM PREFIX	FROM CONNECTOR	FROM PIN	FROM SH FG	TO PREFIX	TO CONNECTOR	TO PIN	TO SH FG	WIRE MULTI GROUP	WIRE CODE	WIRE COLOR	WIRE IDENT	SPEC INST MISC	SIGNAL	SEC NO	EQUATION	TERM FACTOR	CKT OR CHIP TYPE	GROUP	LOAD OR POWER PLANE	TEST POINTS AND	TEST POINTS OR	SIGNAL DESCRIPTION	ECO NO
13772		XA505	61											01YCC4	02			SWT	Z4					
13773		XA505	62			XA507	62			16B	9			MDA5CB	02			SWT	Z4					
13774		XA505	63			XA506	63			16B	9			MCSD16	04			SWT	Z5					
13775		XA505	64											01YCC5	02			SWT	Z4					
13776		XA505	65											16YSS3	02			SWT						
13777		XA505	66											16YCA3	02			SWT	Z5					
13778		XA505	67											GND	01			SWT						
13779		XA505	68			XA504	54			16B	9			MDA2CB	251			SWT	Z5					
13780		XA505	69											16YCA2	02			SWT	Z5					
13781		XA505	70											16YSS1	02			SWT						
13782		XA505	71			XA507	71			16B	9			MDR16A	02			SWT	Z5					
13783		XA505	72			XA503	78			16B	9			MDA3CB	27			SWT	Z5					
13784		XA505	73			XA506	66			16B	9			16YC03	01			SWT					BIT 16 SQ DIODE 3	
13785		XA505	74											SPP	01			SWT	Z5					
13786		XA505	75			XA503	68			16B	9			MDA0CB	01			SWT	Z5					
13787		XA505	76			XA507	76			16B	9			MDWIEB	02			SWT	Z5					
13788		XA505	77											16YCC0	02			SWT	Z5					
13789		XA505	78			XA503	72			16B	9			MDA1CB	01			SWT	Z5					
13790		XA505	79			XA506	80			16B	9			16YCI1	01			SWT					BIT 16 SI DIODE 1	
13791		XA505	80											16YCC1	02			SWT	Z5					
13792		XA506	01			XA506	17			16B	9			MCSD01	03			SWT	Z1					
13793		XA506	02											GND	01			SWT						
13794		XA506	03			XA505	07			16B	9			MDB2CB	13			SWT	Z1					
13795		XA506	04			XA409	78			16B	9			MDB3CB	18			SWT	Z1					
13796		XA506	05											SPP	01			SWT	Z1					
13797		XA506	06			XA217	09			16B	9			MDW01A	04			SWT	Z1					
13798		XA506	07			XA505	03			16B	9			MDB0CB	21			SWT	Z1					
13799		XA506	08			XA505	08			16B	9			MDRIDB	26			SWT	Z1					
13800		XA506	09											01YSS2	02			SWT	Z1					
13801		XA506	10			XA508	10			16B	9			MDB1CB	16			SWT	Z1					
13802		XA506	11			XA505	21			16B	9			01YSS3	01			SWT	Z1					
13803		XA506	12											+5V	01			SWT						
13804		XA506	13											01YCA4	02			SWT	Z2					
13805		XA506	14			XA507	14			18D	2			+12VOLT	086			SWT						
13806		XA506	15			XA505	09			16B	9			01YSS0	01			SWT	Z1					
13807		XA506	16											GND	01			SWT						
13808		XA506	17			XA505	17			16B	9			MCSD01	04			SWT	Z2					
13809		XA506	18											01YCA5	02			SWT	Z2					
13810		XA506	19			XA508	19			16B	9			MDA4CB	12			SWT	Z2					
13811		XA506	20			XA504	20			16B	9			MDA5CB	14			SWT	Z2					
13812		XA506	21											01YSS1	02			SWT	Z1					
13813		XA506	22			XA504	22			16B	9			MDA7CB	16			SWT	Z2					
13814		XA506	23			XA218	09			16B	9			MDR01A	04			SWT	Z2					
13815		XA506	24											01YCC7	02			SWT	Z2					
13816		XA506	25			XA408	76			16B	9			MDWIDB	08			SWT	Z2					
13817		XA506	26											SPP	01			SWT	Z2					
13818		XA506	27			XA508	27			16B	9			MDA6CB	12			SWT	Z2					
13819		XA506	28											+5V	01			SWT						
CONNECTOR XA506) CONTINUED ON THE NEXT PAGE ****																								

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RECORD NUMBER	FROM PREFIX	FROM CONNECTOR	FROM PIN	FROM SH FG	TO PREFIX	TO CONNECTOR	TO PIN	TO SH FG	WIRE MULTI GROUP	WIRE CODE	WIRE COLOR	WIRE IDENT	SPEC NEST SEL	SIGNAL	SEQ NO	EQUATION	TERM	FACTOR	CKT OR CHIP TYPE	GROUP	LOAD OR POWER PLANE	TEST POINTS AND	TEST POINTS OR	SIGNAL DESCRIPTION	ECO NO
13820		XA506	29											SPP	01				SWT					KEYWAY	
13821		XA506	30											SPP	01				SWT					KEYWAY	
13822		XA506	31											01YCC6	02				SWT	Z2					
13823		XA506	32											GND	01				SWT						
13824		XA506	33			XA505	50			16B	9.			MCSD01	07				SWT	Z3					
13825		XA506	34			XA507	36			16B	9			MDB7CB	11				SWT	Z3					
13826		XA506	35			XA508	35			16B	9			MDB6CB	22				SWT	Z3					
13827		XA506	36			XA505	34			16B	9			MDB5CB	23				SWT	Z3					
13828		XA506	37			XA505	06			16B	9			MDW01A	02				SWT	Z3					
13829		XA506	38											SPP	01				SWT	Z3					
13830		XA506	39											MDRIDB	33				SWT	Z3					
13831		XA506	40			XA505	53			16B	9			01YSS7	01				SWT	Z3					
13832		XA506	41											SPP	01				SWT					KEYWAY	
13833		XA506	42											SPP	01				SWT					KEYWAY	
13834		XA506	43			XA508	43			16B	9			MDB4CB	10				SWT	Z3					
13835		XA506	44											GND	01				SWT						
13836		XA506	45			XA505	51			16B	9			01YSS6	01				SWT	Z3					
13837		XA506	46											SPP	01				SWT						
13838		XA506	47			XA505	47			18D	2			+12V0LT	103				SWT						
13839		XA506	48											SPP	01				SWT						
13840		XA506	49											01YCA2	02				SWT	Z4					
13841		XA506	50											MCSD01	09				SWT	Z4					
13842		XA506	51											01YSS4	02				SWT	Z3					
13843		XA506	52											01YCA3	02				SWT	Z4					
13844		XA506	53			XA505	40			16B	9			01YSS5	01				SWT	Z3					
13845		XA506	54			XA505	68			16B	9			MDA2CB	25				SWT	Z4					
13846		XA506	55			XA505	55			16B	9			MDWIDB	01				SWT	Z4					
13847		XA506	56			XA505	56			16B	9			MDR01A	01				SWT	Z4					
13848		XA506	57			XA508	57			16B	9			MDA0CB	04				SWT	Z4					
13849		XA506	58											GND	01				SWT						
13850		XA506	59											SPP	01				SWT	Z4					
13851		XA506	60			XA504	60			16B	9			MDA3CB	24				SWT	Z4					
13852		XA506	61											01YCC0	02				SWT	Z4					
13853		XA506	62			XA508	62			16B	9			MDA1CB	04				SWT	Z4					
13854		XA506	63			XA507	63			16B	9			MCSD16	05				SWT	Z5					
13855		XA506	64											01YCC1	02				SWT	Z4					
13856		XA506	65			XA504	70			16B	9			16YSS2	01				SWT						
13857		XA506	66											16YC03	02				SWT	Z5					
13858		XA506	67											GND	01				SWT						
13859		XA506	68			XA504	75			16B	9			MDB2CB	29				SWT	Z5					
13860		XA506	69											16YC02	02				SWT	Z5					
13861		XA506	70											16YSS0	02				SWT						
13862		XA506	71			XA508	71			16B	9			MDW16A	02				SWT	Z5					
13863		XA506	72			XA512	78			16B	9			MDB3CB	02				SWT	Z5					
13864		XA506	73			XA506	69			16B	9			16YC02	01				SWT					BIT 16 SQ DIODE 2	
13865		XA506	74											SPP	01				SWT	Z5					
13866		XA506	75			XA514	75			16B	9			MDB0CB	26				SWT	Z5					
13867		XA506	76			XA508	76			16B	9			MDRIEB	02				SWT	Z5					
13868		XA506	77											16YC10	02				SWT	Z5					
13869		XA506	78			XA512	72			16B	9			MDB1CB	02				SWT	Z5					

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RECORD NUMBER	FROM PREFIX	FROM CONNECTOR	FROM PIN	FROM SH FB	TO PREFIX	TO CONNECTOR	TO PIN	TO SH FB	WIRE MULTI GROUP	WIRE CODE	WIRE COLOR	WIRE IDENT	SPEC INST MISC	SIGNAL	SEQ NO	EQUATION	TERM	FACTOR	CKT OR CHIP TYPE	GROUP	LOAD OR POWER PLANE	TEST POINTS LAND	TEST POINTS DP	SIGNAL DESCRIPTION	ECO NO
13870		XA506	79			XA506	77			16B	9			16YCI0	01				SWT					BIT 16 SI DIODE 0	
13871		XA506	80											16YCI1	02				SWT	Z5					
13872		XA507	01			XA501	29			16B	9			MCSD14	08				SWT	Z1					
13873		XA507	02											GND	01				SWT						
13874		XA507	03			XA506	07			16B	9			MDB0CB	20				SWT	Z1					
13875		XA507	04			XA506	10			16B	9			MDB1CB	15				SWT	Z1					
13876		XA507	05											SPP	01				SWT	Z1					
13877		XA507	06			XA508	06			16B	9			MDW14A	03				SWT	Z1					
13878		XA507	07			XA506	03			16B	9			MDB2CB	12				SWT	Z1					
13879		XA507	08			XA508	08			16B	9			MDRIEB	15				SWT	Z1					
13880		XA507	09			XA508	15			16B	9			14YSS0	01				SWT	Z1					
13881		XA507	10			XA505	10			16B	9			MDB3CB	14				SWT	Z1					
13882		XA507	11			XA508	21			16B	9			14YSS1	01				SWT	Z1					
13883		XA507	12											+5V	01				SWT						
13884		XA507	13											14YCA0	02				SWT	Z2					
13885		XA507	14			XA508	14			18D	2			+12VOLT	087				SWT						
13886		XA507	15											14YSS2	02				SWT	Z1					
13887		XA507	16											GND	01				SWT						
13888		XA507	17			XA508	17			16B	9			MCSD14	05				SWT	Z2					
13889		XA507	18											14YCA1	02				SWT	Z2					
13890		XA507	19			XA410	75			16B	9			MDA0CB	18				SWT	Z2					
13891		XA507	20			XA505	20			16B	9			MDA1CB	16				SWT	Z2					
13892		XA507	21			XA508	11			16B	9			14YSS3	01				SWT	Z1					
13893		XA507	22			XA509	22			16B	9			MDA3CB	14				SWT	Z2					
13894		XA507	23			XA508	23			16B	9			MDR14A	03				SWT	Z2					
13895		XA507	24											14YCC3	02				SWT	Z2					
13896		XA507	25			XA508	25			16B	9			MDWIEB	15				SWT	Z2					
13897		XA507	26											SPP	01				SWT	Z2					
13898		XA507	27			XA509	27			16B	9			MDA2CB	13				SWT	Z2					
13899		XA507	28											+5V	01				SWT						
13900		XA507	29											SPP	01				SWT					KEYWAY	
13901		XA507	30											SPP	01				SWT					KEYWAY	
13902		XA507	31											14YCC2	02				SWT	Z2					
13903		XA507	32											GND	01				SWT						
13904		XA507	33			XA507	17			16B	9			MCSD14	04				SWT	Z3					
13905		XA507	34			XA506	36			16B	9			MDB5CB	22				SWT	Z3					
13906		XA507	35			XA505	35			16B	9			MDB4CB	06				SWT	Z3					
13907		XA507	36			XA508	34			16B	9			MDB7CB	12				SWT	Z3					
13908		XA507	37			XA508	37			16B	9			MDW14A	01				SWT	Z3					
13909		XA507	38											SPP	01				SWT	Z3					
13910		XA507	39			XA507	08			16B	9			MDRIEB	14				SWT	Z3					
13911		XA507	40											14YSS5	02				SWT	Z3					
13912		XA507	41											SPP	01				SWT					KEYWAY	
13913		XA507	42											SPP	01				SWT					KEYWAY	
13914		XA507	43			XA505	43			16B	9			MDB6CB	18				SWT	Z3					
13915		XA507	44											GND	01				SWT						
13916		XA507	45											14YSS4	02				SWT	Z3					
13917		XA507	46											SPP	01				SWT						

CONNECTOR (XA507) CONTINUED ON THE NEXT PAGE ****

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DRAWING NUMBER 149304-880 UNIT ASSEMBLY NO. 149304 REV G INDEX XA507

UNIT ASSEMBLY CARD CAGE WIRED, MCU CONNECTOR FILE IDENT T39AMCMU DATE 09-02-82 PAGE 427

RECORD NUMBER	FROM PREFIX	FROM CONNECTOR	FROM PIN	FROM SH FG	TO PREFIX	TO CONNECTOR	TO PIN	TO SH FG	WIRE MULTI GROUP	WIRE CODE	WIRE COLOR	WIRE IDENT	SPEC INST SYMBOL	SIGNAL	SEQ NO	EQUATION	TERM	FACTOR	CKT OR CHIP TYPE	GROUP	LOAD OR POWER PLANE	TEST POINTS AND	TEST POINTS OR	SIGNAL DESCRIPTION	ECO NO
13918		XA507	47			XA506	47			18D	2			+12VOLT	102				SWT						
13919		XA507	48											SPP	01				SWT						
13920		XA507	49											14YCA6	02				SWT	Z4					
13921		XA507	50			XA508	33			16B	9			MCSD14	02				SWT	Z4					
13922		XA507	51			XA508	45			16B	9			14YSS6	01				SWT	Z3					
13923		XA507	52											14YCA7	02				SWT	Z4					
13924		XA507	53											14YSS7	02				SWT	Z3					
13925		XA507	54			XA505	54			16B	9			MDA6CB	08				SWT	Z4					
13926		XA507	55			XA507	25			16B	9			MDWIEB	14				SWT	Z4					
13927		XA507	56			XA507	23			16B	9			MDRI4A	02				SWT	Z4					
13928		XA507	57			XA505	57			16B	9			MDA4CB	08				SWT	Z4					
13929		XA507	58											GND	01				SWT						
13930		XA507	59											SPP	01				SWT	Z4					
13931		XA507	60			XA507	78			16B	9			MDA7CB	20				SWT	Z4					
13932		XA507	61											14YCC4	02				SWT	Z4					
13933		XA507	62			XA507	72			16B	9			MDA5CB	03				SWT	Z4					
13934		XA507	63			XA508	63			16B	9			MCSD16	06				SWT	Z5					
13935		XA507	64											14YCC5	02				SWT	Z4					
13936		XA507	65			XA509	70			16B	9			16YSS5	01				SWT						
13937		XA507	66											16YCA5	02				SWT	Z5					
13938		XA507	67											GND	01				SWT						
13939		XA507	68			XA509	75			16B	9			MDA4CB	01				SWT	Z5					
13940		XA507	69											16YCA4	02				SWT	Z5					
13941		XA507	70			XA509	65			16B	9			16YSS7	01				SWT						
13942		XA507	71			XA509	71			16B	9			MDR16A	03				SWT	Z5					
13943		XA507	72			XA509	62			16B	9			MDA5CB	04				SWT	Z5					
13944		XA507	73			XA508	66			16B	9			16YC05	01				SWT					BIT 16 SQ DIODE 5	
13945		XA507	74											SPP	01				SWT	Z5					
13946		XA507	75			XA509	68			16B	9			MDA6CB	01				SWT	Z5					
13947		XA507	76			XA509	76			16B	9			MDWIEB	03				SWT	Z5					
13948		XA507	77											16YCC6	02				SWT	Z5					
13949		XA507	78			XA509	72			16B	9			MDA7CB	21				SWT	Z5					
13950		XA507	79			XA508	80			16B	9			16YCI7	01				SWT					BIT 16 SI DIODE 7	
13951		XA507	80											16YCC7	02				SWT	Z5					
13952		XA508	01			XA507	01			16B	9			MCSD14	07				SWT	Z1					
13953		XA508	02											GND	01				SWT						
13954		XA508	03			XA509	07			16B	9			MDB2CB	17				SWT	Z1					
13955		XA508	04			XA507	10			16B	9			MDB3CB	13				SWT	Z1					
13956		XA508	05											SPP	01				SWT	Z1					
13957		XA508	06			XA217	51			16B	9			MDW14A	04				SWT	Z1					
13958		XA508	07			XA507	03			16B	9			MDB0CB	19				SWT	Z1					
13959		XA508	08			XA509	08			16B	9			MDRIEB	16				SWT	Z1					
13960		XA508	09			XA507	15			16B	9			14YSS2	01				SWT	Z1					
13961		XA508	10			XA509	04			16B	9			MDB1CB	17				SWT	Z1					
13962		XA508	11											14YSS3	02				SWT	Z1					
13963		XA508	12											+5V	01				SWT						
13964		XA508	13											14YCA4	02				SWT	Z2					
13965		XA508	14			XA509	14			18D	2			+12VOLT	088				SWT						
CONNECTOR		XA508	) CONTINUED ON			THE NEXT PAGE		****																	

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RECORD NUMBER	FROM PREFIX	FROM CONNECTOR	FROM PIN	FROM SPLICE	TO PREFIX	TO CONNECTOR	TO PIN	TO SPLICE	WIRE MULTI GROUP	WIRE CODE	WIRE COLOR	WIRE IDENT	SPEC INST MISC	SIGNAL	SEC NO	EQUATION	TERM	FACTOR	CKT OR CHIP TYPE	GROUP	LOAD CP POWER PLANE	TEST POINTS AND	TEST POINTS OR	SIGNAL DESCRIPTION	ECO NO
13966		XA508	15											14YSS0	02				SWT	Z1					
13967		XA508	16											GND	01				SWT						
13968		XA508	17			XA508	01			16B	9			MCSD14	06				SWT	Z2					
13969		XA508	18											14YCA5	02				SWT	Z2					
13970		XA508	19			XA510	19			16B	9			MDA4CB	13				SWT	Z2					
13971		XA508	20			XA506	20			16B	9			MDA5CB	13				SWT	Z2					
13972		XA508	21											14YSS1	02				SWT	Z1					
13973		XA508	22			XA506	22			16B	9			MDA7CB	15				SWT	Z2					
13974		XA508	23			XA218	51			16B	9			MDR14A	04				SWT	Z2					
13975		XA508	24											14YCC7	02				SWT	Z2					
13976		XA508	25			XA509	25			16B	9			MDWIEB	16				SWT	Z2					
13977		XA508	26											SPP	01				SWT	Z2					
13978		XA508	27			XA510	27			16B	9			MDA6CB	13				SWT	Z2					
13979		XA508	28											+5V	01				SWT						
13980		XA508	29											SPP	01				SWT					KEYWAY	
13981		XA508	30											SPP	01				SWT					KEYWAY	
13982		XA508	31											14YCC6	02				SWT	Z2					
13983		XA508	32											GND	01				SWT						
13984		XA508	33			XA507	33			16B	9			MCSD14	03				SWT	Z3					
13985		XA508	34			XA509	36			16B	9			MDB7CB	13				SWT	Z3					
13986		XA508	35			XA510	35			16B	9			MDB6CB	23				SWT	Z3					
13987		XA508	36			XA507	34			16B	9			MDB5CB	21				SWT	Z3					
13988		XA508	37			XA507	06			16B	9			MDW14A	02				SWT	Z3					
13989		XA508	38											SPP	01				SWT	Z3					
13990		XA508	39			XA507	39			16B	9			MDRIEB	13				SWT	Z3					
13991		XA508	40			XA507	53			16B	9			14YSS7	01				SWT	Z3					
13992		XA508	41											SPP	01				SWT					KEYWAY	
13993		XA508	42											SPP	01				SWT					KEYWAY	
13994		XA508	43			XA510	43			16B	9			MDB4CB	11				SWT	Z3					
13995		XA508	44											GND	01				SWT						
13996		XA508	45											14YSS6	02				SWT	Z3					
13997		XA508	46											SPP	01				SWT						
13998		XA508	47			XA507	47			1BD	2			+12VOLT	101				SWT						
13999		XA508	48											SPP	01				SWT						
14000		XA508	49											14YCA2	02				SWT	Z4					
14001		XA508	50			XA507	50			16B	9			MCSD14	01				SWT	Z4				BIT 14 VOLT SOURCE	
14002		XA508	51			XA507	45			16B	9			14YSS4	01				SWT	Z3					
14003		XA508	52											14YCA3	02				SWT	Z4					
14004		XA508	53			XA507	40			16B	9			14YSS5	01				SWT	Z3					
14005		XA508	54			XA506	54			16B	9			MDA2CB	24				SWT	Z4					
14006		XA508	55			XA507	55			16B	9			MDWIEB	13				SWT	Z4					
14007		XA508	56			XA507	56			16B	9			MDR14A	01				SWT	Z4					
14008		XA508	57			XA510	57			16B	9			MDA0CB	05				SWT	Z4					
14009		XA508	58											GND	01				SWT						
14010		XA508	59											SPP	01				SWT	Z4					
14011		XA508	60			XA506	60			16B	9			MDA3CB	23				SWT	Z4					
14012		XA508	61											14YCC0	02				SWT	Z4					
14013		XA508	62			XA510	62			16B	9			MDA1CB	05				SWT	Z4					
14014		XA508	63			XA509	63			16B	9			MCSD16	07				SWT	Z5					
14015		XA508	64											14YCC1	02				SWT	Z4					

CONNECTOR XA508 CONTINUED ON THE NEXT PAGE ****

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UNIT ASSEMBLY CARD CAGE WIRED, MCU CONNECTOR FILE IDENT T39AMCMU DATE 09-02-82 PAGE 429

RECORD NUMBER	FROM PREFIX	FROM CONNECTOR	FROM PIN	FROM SH FG	TO PREFIX	TO CONNECTOR	TO PIN	TO SH FG	WIRE MULTI GROUP	WIRE CODE	WIRE COLOR	WIRE IDENT	WIRE SPC INST MISC	SIGNAL	SEQ NO	EQUATION	TERM FACTOR	CKT OR CHIP TYPE	GROUP	LOAD OR POWER PLANS	TEST POINTS AND	TEST POINTS OR	SIGNAL DESCRIPTION	ECO NO
14016		XA508	65			XA510	70			16B	9			16YSS4	01			SWT						
14017		XA508	66											16YC05	02			SWT	Z5					
14018		XA508	67											GND	01			SWT						
14019		XA508	68			XA510	75			16B	9			MDB4CB	01			SWT	Z5					
14020		XA508	69			XA508	73			16B	9			16YC04	01			SWT	Z5				BIT 16 SQ DIODE 4	
14021		XA508	70			XA510	65			16B	9			16YSS6	01			SWT						
14022		XA508	71			XA510	71			16B	9			MDW16A	03			SWT	Z5					
14023		XA508	72			XA510	78			16B	9			MDB5CB	27			SWT	Z5					
14024		XA508	73											16YC04	02			SWT						
14025		XA508	74											SPP	01			SWT	Z5					
14026		XA508	75											MDB6CB	28			SWT	Z5					
14027		XA508	76			XA510	76			16B	9			MDRIEB	03			SWT	Z5					
14028		XA508	77											16YCI6	02			SWT	Z5					
14029		XA508	78			XA510	72			16B	9			MDB7CB	01			SWT	Z5					
14030		XA508	79			XA508	77			16B	9			16YCI6	01			SWT					BIT 16 SI DIODE 6	
14031		XA508	80											16YCI7	02			SWT	Z5					
14032		XA509	01											MCSD15	09			SWT	Z1					
14033		XA509	02											GND	01			SWT						
14034		XA509	03			XA510	07			16B	9			MDB0CB	11			SWT	Z1					
14035		XA509	04			XA411	78			16B	9			MDB1CB	18			SWT	Z1					
14036		XA509	05											SPP	01			SWT	Z1					
14037		XA509	06			XA510	37			16B	9			MDW15A	03			SWT	Z1					
14038		XA509	07			XA510	03			16B	9			MDB2CB	18			SWT	Z1					
14039		XA509	08			XA510	08			16B	9			MDRIEB	17			SWT	Z1					
14040		XA509	09			XA510	15			16B	9			15YSS0	01			SWT	Z1					
14041		XA509	10			XA508	04			16B	9			MDB3CB	12			SWT	Z1					
14042		XA509	11											15YSS1	02			SWT	Z1					
14043		XA509	12											+5V	01			SWT						
14044		XA509	13											15YCA0	02			SWT	Z2					
14045		XA509	14			XA510	14			18D	2			+12VOLT	089			SWT						
14046		XA509	14			XA509	47			18D	2			+12VOLT	137			SWT						
14047		XA509	15											15YSS2	02			SWT	Z1					
14048		XA509	16											GND	01			SWT						
14049		XA509	17			XA510	17			16B	9			MCSD15	06			SWT	Z2					
14050		XA509	18											15YCA1	02			SWT	Z2					
14051		XA509	19			XA503	19			16B	9			MDA0CB	15			SWT	Z2					
14052		XA509	20			XA507	20			16B	9			MDA1CB	15			SWT	Z2					
14053		XA509	21			XA510	11			16B	9			15YSS3	01			SWT	Z1					
14054		XA509	22			XA511	22			16B	9			MDA3CB	15			SWT	Z2					
14055		XA509	23			XA510	23			16B	9			MDR15A	03			SWT	Z2					
14056		XA509	24											15YCC3	02			SWT	Z2					
14057		XA509	25			XA510	25			16B	9			MDWIEB	17			SWT	Z2					
14058		XA509	26											SPP	01			SWT	Z2					
14059		XA509	27			XA511	27			16B	9			MDA2CB	14			SWT	Z2					
14060		XA509	28											+5V	01			SWT						
14061		XA509	29											SPP	01			SWT					KEYWAY	
14062		XA509	30											SPP	01			SWT					KEYWAY	
14063		XA509	31											15YCC2	02			SWT	Z2					

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RECORD NUMBER	FROM PREFIX	FROM CONNECTOR	FROM PIN	FROM SH PG	TO PREFIX	TO CONNECTOR	TO PIN	TO SH PG	WIRE MULTI GROUP	WIRE CODE	WIRE COLOR	WIRE IDENT	SPC INST MISC	SIGNAL	SEQ NO	EQUATION	TERM	FACTOR	CKT OR CHIP TYPE	GROUP	LOAD OR POWER PLANE	TEST POINTS AND	TEST POINTS OP	SIGNAL DESCRIPTION	ECO NO
14064		XA509	32											GND	01				SWT						
14065		XA509	33			XA509	17			16B	9			MCSD15	05				SWT	Z3					
14066		XA509	34			XA508	36			16B	9			MDB5CB	20				SWT	Z3					
14067		XA509	35			XA507	35			16B	9			MDB4CB	05				SWT	Z3					
14068		XA509	36			XA510	34			16B	9			MDB7CB	14				SWT	Z3					
14069		XA509	37											MDW15A	05				SWT	Z3					
14070		XA509	38											SPP	01				SWT	Z3					
14071		XA509	39			XA508	39			16B	9			MDR1EB	12				SWT	Z3					
14072		XA509	40			XA510	53			16B	9			15YSS5	01				SWT	Z3					
14073		XA509	41											SPP	01				SWT					KEYWAY	
14074		XA509	42											SPP	01				SWT					KEYWAY	
14075		XA509	43			XA507	43			16B	9			MDB6CB	17				SWT	Z3					
14076		XA509	44											GND	01				SWT						
14077		XA509	45											15YSS4	02				SWT	Z3					
14078		XA509	46											SPP	01				SWT						
14079		XA509	47			XA508	47			18D	2			+12VOLT	100				SWT						
14080		XA509	47										K	+12VOLT	138				SWT						
14081		XA509	48											SPP	01				SWT						
14082		XA509	49											15YCA6	02				SWT	Z4					
14083		XA509	50			XA510	33			16B	9			MCSD15	03				SWT	Z4					
14084		XA509	51											15YSS6	02				SWT	Z3					
14085		XA509	52											15YCA7	02				SWT	Z4					
14086		XA509	53			XA510	40			16B	9			15YSS7	01				SWT	Z3					
14087		XA509	54			XA507	54			16B	9			MDA6CB	07				SWT	Z4					
14088		XA509	55			XA508	55			16B	9			MDW1EB	12				SWT	Z4					
14089		XA509	56			XA509	23			16B	9			MDR15A	02				SWT	Z4					
14090		XA509	57			XA507	57			16B	9			MDA4CB	07				SWT	Z4					
14091		XA509	58											GND	01				SWT						
14092		XA509	59											SPP	01				SWT	Z4					
14093		XA509	60			XA511	60			16B	9			MDA7CB	23				SWT	Z4					
14094		XA509	61											15YCC4	02				SWT	Z4					
14095		XA509	62			XA509	78			16B	9			MDA5CB	05				SWT	Z4					
14096		XA509	63			XA510	63			16B	9			MCSD16	08				SWT	Z5					
14097		XA509	64											15YCC5	02				SWT	Z4					
14098		XA509	65											16YSS7	02				SWT						
14099		XA509	66											16YCA7	02				SWT	Z5					
14100		XA509	67											GND	01				SWT						
14101		XA509	68			XA515	75			16B	9			MDA6CB	02				SWT	Z5					
14102		XA509	69											16YCA6	02				SWT	Z5					
14103		XA509	70											16YSS5	02				SWT						
14104		XA509	71			XA218	60			16B	9			MDR16A	04				SWT	Z5					
14105		XA509	72			XA509	60			16B	9			MDA7CB	22				SWT	Z5					
14106		XA509	73			XA510	66			16B	9			16YCO7	01				SWT					BIT 16 SQ DIODE 7	
14107		XA509	74											SPP	01				SWT	Z5					
14108		XA509	75			XA515	66			16B	9			MDA4CB	02				SWT	Z5					
14109		XA509	76			XA511	76			16B	9			MDW1EB	04				SWT	Z5					
14110		XA509	77											16YCC4	02				SWT	Z5					
14111		XA509	78			XA511	62			16B	9			MDA5CB	051				SWT	Z5					
14112		XA509	79			XA510	80			16B	9			16YCI5	01				SWT					BIT 16 SI DIODE 5	
14113		XA509	80											16YCC5	02				SWT	Z5					

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UNIT ASSEMBLY CARD CAGE WIRED, MCU CONNECTOR FILE IDENT T39AMCMU DATE 09-02-82 PAGE 431

RECORD NUMBER	FROM PREFIX	FROM CONNECTOR	FROM PIN	FROM SH FG	TO PREFIX	TO CONNECTOR	TO PIN	TO SH FG	WIRE MULTI GROUP	WIRE CODE	WIRE COLOR	WIRE IDENT	SPEC INST MISC	SIGNAL	SEQ NO	EQUATION	TERM	FACTOR	CKT OR CHIP TYPE	GROUP	LOAD OR POWER PLANE	TEST POINTS AND	TEST POINTS OR	SIGNAL DESCRIPTION	ECO NO
14114		XA510	01			XA509	01			16B	9			MCSD15	08				SWT	Z1					
14115		XA510	02											GND	01				SWT						
14116		XA510	03			XA511	07			16B	9			MDB2CB	19				SWT	Z1					
14117		XA510	04			XA511	10			16B	9			MDB3CB	10				SWT	Z1					
14118		XA510	05											SPP	01				SWT	Z1					
14119		XA510	06			XA509	06			16B	9			MDW15A	02				SWT	Z1					
14120		XA510	07			XA511	03			16B	9			MDB0CB	12				SWT	Z1					
14121		XA510	08			XA511	08			16B	9			MDRIEB	18				SWT	Z1					
14122		XA510	09			XA509	15			16B	9			15YSS2	01				SWT	Z1					
14123		XA510	10			XA511	04			16B	9			MDB1CB	10				SWT	Z1					
14124		XA510	11											15YSS3	02				SWT	Z1					
14125		XA510	12											+5V	01				SWT						
14126		XA510	13											15YCA4	02				SWT	Z2					
14127		XA510	14			XA511	14			18D	2			+12VOLT	090				SWT						
14128		XA510	14										M	+12VOLT	01				SWT						
14129		XA510	15											15YSS0	02				SWT	Z1					
14130		XA510	16											GND	01				SWT						
14131		XA510	17			XA510	01			16B	9			MCSD15	07				SWT	Z2					
14132		XA510	18											15YCA5	02				SWT	Z2					
14133		XA510	19			XA512	19			16B	9			MDA4CB	14				SWT	Z2					
14134		XA510	20			XA508	20			16B	9			MDA5CB	12				SWT	Z2					
14135		XA510	21			XA509	11			16B	9			15YSS1	01				SWT	Z1					
14136		XA510	22			XA508	22			16B	9			MDA7CB	14				SWT	Z2					
14137		XA510	23			XA218	66			16B	9			MDR15A	04				SWT	Z2					
14138		XA510	24											15YCC7	02				SWT	Z2					
14139		XA510	25			XA511	25			16B	9			MDWIEB	18				SWT	Z2					
14140		XA510	26	1				1						SPP	01				SWT	Z2					
14141		XA510	27			XA512	27			16B	9			MDA6CB	14				SWT	Z2					
14142		XA510	28											+5V	01				SWT						
14143		XA510	29											SPP	01				SWT					KEYWAY	
14144		XA510	30											SPP	01				SWT					KEYWAY	
14145		XA510	31											15YCC6	02				SWT	Z2					
14146		XA510	32											GND	01				SWT						
14147		XA510	33			XA509	33			16B	9			MCSD15	04				SWT	Z3					
14148		XA510	34			XA511	36			16B	9			MDB7CB	15				SWT	Z3					
14149		XA510	35			XA512	35			16B	9			MDB6CB	24				SWT	Z3					
14150		XA510	36			XA509	34			16B	9			MDB5CB	19				SWT	Z3					
14151		XA510	37			XA509	37			16B	9			MDW15A	04				SWT	Z3					
14152		XA510	38											SPP	01				SWT	Z3					
14153		XA510	39			XA509	39			16B	9			MDRIEB	11				SWT	Z3					
14154		XA510	40											15YSS7	02				SWT	Z3					
14155		XA510	41											SPP	01				SWT					KEYWAY	
14156		XA510	42											SPP	01				SWT					KEYWAY	
14157		XA510	43			XA512	43			16B	9			MDB4CB	12				SWT	Z3					
14158		XA510	44											GND	01				SWT						
14159		XA510	45			XA509	51			16B	9			15YSS6	01				SWT	Z3					
14160		XA510	46											SPP	01				SWT						
14161		XA510	47			XA509	47			18D	2			+12VOLT	099				SWT						
14162		XA510	48											SPP	01				SWT						
14163		XA510	49											15YCA2	02				SWT	Z4					
CONNECTOR XA510) CONTINUED ON THE NEXT PAGE ****																									

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DRAWING NUMBER 149304-880 UNIT ASSEMBLY NO. 149304 REV G INDEX XA510

UNIT ASSEMBLY CARD CAGE WIRED, MCU CONNECTOR FILE IDENT T39AMCMU DATE 09-02-82 PAGE 432

RECORD NUMBER	FROM				TO				WIRE				SIGNAL	SEC NO	EQUATION	TERM	FACTOR	CKT OR CHIP TYPE	GROUP	LOAD OF POWER PLANE	TEST POINTS AND/OR	SIGNAL DESCRIPTION	ECO NO
	PREFIX	CONNECTOR	PIN	SH FG	PREFIX	CONNECTOR	PIN	SH FG	MULTI GROUP	CODE	COLOR	IDENT											
14164		XA510	50			XA509	50			16B	9		MCSD15	02				SWT	Z4				
14165		XA510	51			XA509	45			16B	9		15YSS4	01				SWT	Z3				
14166		XA510	52										15YCA3	02				SWT	Z4				
14167		XA510	53										15YSS5	02				SWT	Z3				
14168		XA510	54			XA508	54			16B	9		MDA2CB	23				SWT	Z4				
14169		XA510	55			XA509	55			16B	9		MDWIEB	11				SWT	Z4				
14170		XA510	56			XA509	56			16B	9		MDR15A	01				SWT	Z4				
14171		XA510	57			XA513	75			16B	9		MDA0CB	06				SWT	Z4				
14172		XA510	58										GND	01				SWT					
14173		XA510	59										SPP	01				SWT	Z4				
14174		XA510	60			XA508	60			16B	9		MDA3CB	22				SWT	Z4				
14175		XA510	61										15YCC0	02				SWT	Z4				
14176		XA510	62			XA511	72			16B	9		MDA1CB	06				SWT	Z4				
14177		XA510	63										MCSD16	09				SWT	Z5				
14178		XA510	64										15YCC1	02				SWT	Z4				
14179		XA510	65										16YSS6	02				SWT					
14180		XA510	66										16YC07	02				SWT	Z5				
14181		XA510	67										GND	01				SWT					
14182		XA510	68			XA508	75			16B	9		MDB6CB	27				SWT	Z5				
14183		XA510	69			XA510	73			16B	9		16YC06	01				SWT	Z5			BIT 16 SQ DIODE 6	
14184		XA510	70										16YSS4	02				SWT					
14185		XA510	71			XA217	60			16B	9		MDW16A	04				SWT	Z5				
14186		XA510	72			XA516	51			16B	9		MDB7CB	02				SWT	Z5				
14187		XA510	73										16YC06	02				SWT					
14188		XA510	74										SPP	01				SWT	Z5				
14189		XA510	75			XA513	35			16B	9		MDB4CB	02				SWT	Z5				
14190		XA510	76			XA512	76			16B	9		MDRIEB	04				SWT	Z5				
14191		XA510	77			XA510	79			16B	9		16YCI4	01				SWT	Z5			BIT 16 SI DIODE 4	
14192		XA510	78										MDB5CB	28				SWT	Z5				
14193		XA510	79										16YCI4	02				SWT					
14194		XA510	80										16YCI5	02				SWT	Z5				
14195		XA511	01			XA512	01			16B	9		MCSD31	01				SWT	Z1			BIT 31 VOLT SOURCE	
14196		XA511	02										GND	01				SWT					
14197		XA511	03			XA512	07			16B	9		MDB0CB	13				SWT	Z1				
14198		XA511	04			XA503	04			16B	9		MDB1CB	11				SWT	Z1				
14199		XA511	05										SPP	01				SWT	Z1				
14200		XA511	06			XA512	06			16B	9		MDW31A	03				SWT	Z1				
14201		XA511	07			XA512	03			16B	9		MDB2CB	20				SWT	Z1				
14202		XA511	08			XA512	08			16B	9		MDRIEB	19				SWT	Z1				
14203		XA511	09			XA512	15			16B	9		31YSS0	01				SWT	Z1				
14204		XA511	10			XA509	10			16B	9		MDB3CB	11				SWT	Z1				
14205		XA511	11										31YSS1	02				SWT	Z1				
14206		XA511	12										+5V	01				SWT					
14207		XA511	13										31YCA0	02				SWT	Z2				
14208		XA511	14			XA512	14			18D	2		+12VOLT	091				SWT					
14209		XA511	15			XA512	09			16B	9		31YSS2	01				SWT	Z1				
14210		XA511	16										GND	01				SWT					
14211		XA511	17			XA511	33			16B	9		MCSD31	04				SWT	Z2				
CONNECTOR XA511) CONTINUED ON THE NEXT PAGE ****																							

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DRAWING NUMBER 149304-880 UNIT ASSEMBLY NO. 149304 REV G INDEX XA511

UNIT ASSEMBLY CARD CAGE WIRED, MCU CONNECTOR FILE IDENT T39AMCMU DATE 09-02-82 PAGE 433

RECORD NUMBER	FROM				TO				WIRE				SIGNAL	SEQ NO	EQUATION	TERM	FACTOR	CKT OR CHIP TYPE	GROUP	LOAD OR POWER PLANS	TEST POINTS		SIGNAL DESCRIPTION	ECO NO
	PREFIX	CONNECTOR	PIN	SH FG	PREFIX	CONNECTOR	PIN	SH FG	MULTI GROUP	CODE	COLOR	IDENT									AND	OR		
14212		XA511	18										31YCA1	02				SWT	Z2					
14213		XA511	19			XA509	19			16B	9		MDA0CB	14				SWT	Z2					
14214		XA511	20			XA509	20			16B	9		MDA1CB	14				SWT	Z2					
14215		XA511	21			XA512	11			16B	9		31YSS3	01				SWT	Z1					
14216		XA511	22			XA513	22			16B	9		MDA3CB	16				SWT	Z2					
14217		XA511	23			XA512	23			16B	9		MDR31A	03				SWT	Z2					
14218		XA511	24										31YCC3	02				SWT	Z2					
14219		XA511	25			XA512	25			16B	9		MDWIEB	19				SWT	Z2					
14220		XA511	26										SPP	01				SWT	Z2					
14221		XA511	27			XA513	27			16B	9		MDA2CB	15				SWT	Z2					
14222		XA511	28										+5V	01				SWT						
14223		XA511	29										SPP	01				SWT					KEYWAY	
14224		XA511	30										SPP	01				SWT					KEYWAY	
14225		XA511	31										31YCC2	02				SWT	Z2					
14226		XA511	32										GND	01				SWT						
14227		XA511	33			XA512	33			16B	9		MCSD31	05				SWT	Z3					
14228		XA511	34			XA510	36			16B	9		MDB5CB	18				SWT	Z3					
14229		XA511	35			XA509	35			16B	9		MDB4CB	04				SWT	Z3					
14230		XA511	36			XA413	78			16B	9		MDB7CB	16				SWT	Z3					
14231		XA511	37			XA512	37			16B	9		MDW31A	01				SWT	Z3					
14232		XA511	38										SPP	01				SWT	Z3					
14233		XA511	39			XA510	39			16B	9		MDRIEB	10				SWT	Z3					
14234		XA511	40			XA512	53			16B	9		31YSS5	01				SWT	Z3					
14235		XA511	41										SPP	01				SWT					KEYWAY	
14236		XA511	42										SPP	01				SWT					KEYWAY	
14237		XA511	43			XA509	43			16B	9		MDB6CB	16				SWT	Z3					
14238		XA511	44										GND	01				SWT						
14239		XA511	45										31YSS4	02				SWT	Z3					
14240		XA511	46										SPP	01				SWT						
14241		XA511	47			XA510	47			18D	2		+12VOLT	098				SWT						
14242		XA511	48										SPP	01				SWT						
14243		XA511	49										31YCA6	02				SWT	Z4					
14244		XA511	50			XA501	47			16B	9		MCSD31	08				SWT	Z4					
14245		XA511	51										31YSS6	02				SWT	Z3					
14246		XA511	52										31YCA7	02				SWT	Z4					
14247		XA511	53			XA512	40			16B	9		31YSS7	01				SWT	Z3					
14248		XA511	54			XA509	54			16B	9		MDA6CB	06				SWT	Z4					
14249		XA511	55			XA510	55			16B	9		MDWIEB	10				SWT	Z4					
14250		XA511	56			XA511	23			16B	9		MDR31A	02				SWT	Z4					
14251		XA511	57			XA509	57			16B	9		MDA4CB	06				SWT	Z4					
14252		XA511	58										GND	01				SWT						
14253		XA511	59										SPP	01				SWT	Z4					
14254		XA511	60			XA513	60			16B	9		MDA7CB	24				SWT	Z4					
14255		XA511	61										31YCC4	02				SWT	Z4					
14256		XA511	62			XA513	62			16B	9		MDA5CB	06				SWT	Z4					
14257		XA511	63			XA512	63			16B	9		MCSD17	07				SWT	Z5					
14258		XA511	64										31YCC5	02				SWT	Z4					
14259		XA511	65										17YSS1	02				SWT						
14260		XA511	66										17YCA1	02				SWT	Z5					
14261		XA511	67										GND	01				SWT						
CONNECTOR XA511) CONTINUED ON THE NEXT PAGE ****																								

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DRAWING NUMBER 149304-880 UNIT ASSEMBLY NO. 149304 REV G INDEX XA511

UNIT ASSEMBLY CARD CAGE WIRED, MCU CONNECTOR FILE IDENT T39AMCMU DATE 09-02-82 PAGE 434

RECORD NUMBER	FROM PREFIX	FROM CONNECTOR	FROM PIN	FROM SH FR	TO PREFIX	TO CONNECTOR	TO PIN	TO SH FR	WIRE MULTI GROUP	WIRE CODE	WIRE COLOR	WIRE IDENT	SPEC INST MISC	SIGNAL	SEQ NO	EQUATION	TERM FACTOR	CKT OR CHIP TYPE	GROUP	LOAD OR POWER PLANE	TEST POINTS AND	TEST POINTS OR	SIGNAL DESCRIPTION	ECO NO
14262		XA511	68			XA512	57			16B	9			MDA0CB	08			SWT	Z5					
14263		XA511	69											17YCA0	02			SWT	Z5					
14264		XA511	70											17YSS3	02			SWT						
14265		XA511	71			XA513	71			16B	9			MDR17A	01			SWT	Z5					
14266		XA511	72			XA513	78			16B	9			MDA1CB	07			SWT	Z5					
14267		XA511	73			XA512	66			16B	9			17YC01	01			SWT					BIT 17 SQ DIODE 1	
14268		XA511	74											SPP	01			SWT	Z5					
14269		XA511	75			XA510	54			16B	9			MDA2CB	22			SWT	Z5					
14270		XA511	76			XA513	76			16B	9			MDW1EB	05			SWT	Z5					
14271		XA511	77											17YCC2	02			SWT	Z5					
14272		XA511	78			XA513	72			16B	9			MDA3CB	30			SWT	Z5					
14273		XA511	79			XA512	80			16B	9			17YCI3	01			SWT					BIT 17 SI DIODE 3	
14274		XA511	80											17YCC3	02			SWT	Z5					
14275		XA512	01			XA512	17			16B	9			MCSD31	02			SWT	Z1					
14276		XA512	02											GND	01			SWT						
14277		XA512	03			XA513	07			16B	9			MDB2CB	21			SWT	Z1					
14278		XA512	04			XA510	04			16B	9			MDB3CB	09			SWT	Z1					
14279		XA512	05											SPP	01			SWT	Z1					
14280		XA512	06			XA317	38			16B	9			MDW31A	04			SWT	Z1					
14281		XA512	07			XA512	68			16B	9			MDB0CB	14			SWT	Z1					
14282		XA512	08			XA513	08			16B	9			MDR1EB	20			SWT	Z1					
14283		XA512	09											31YSS2	02			SWT	Z1					
14284		XA512	10			XA510	10			16B	9			MDB1CB	09			SWT	Z1					
14285		XA512	11											31YSS3	02			SWT	Z1					
14286		XA512	12											+5V	01			SWT						
14287		XA512	13											31YCA4	02			SWT	Z2					
14288		XA512	14			XA513	14			18D	2			+12VOLT	092			SWT						
14289		XA512	15											31YSS0	02			SWT	Z1					
14290		XA512	16											GND	01			SWT						
14291		XA512	17			XA511	17			16B	9			MCSD31	03			SWT	Z2					
14292		XA512	18											31YCA5	02			SWT	Z2					
14293		XA512	19			XA514	19			16B	9			MDA4CB	15			SWT	Z2					
14294		XA512	20			XA510	20			16B	9			MDA5CB	11			SWT	Z2					
14295		XA512	21			XA511	11			16B	9			31YSS1	01			SWT	Z1					
14296		XA512	22			XA510	22			16B	9			MDA7CB	13			SWT	Z2					
14297		XA512	23			XA318	38			16B	9			MDR31A	04			SWT	Z2					
14298		XA512	24											31YCC7	02			SWT	Z2					
14299		XA512	25			XA513	25			16B	9			MDW1EB	20			SWT	Z2					
14300		XA512	26											SPP	01			SWT	Z2					
14301		XA512	27			XA514	27			16B	9			MDA6CB	15			SWT	Z2					
14302		XA512	28											+5V	01			SWT						
14303		XA512	29											SPP	01			SWT					KEYWAY	
14304		XA512	30											SPP	01			SWT					KEYWAY	
14305		XA512	31											31YCC6	02			SWT	Z2					
14306		XA512	32											GND	01			SWT						
14307		XA512	33			XA512	50			16B	9			MCSD31	06			SWT	Z3					
14308		XA512	34			XA503	36			16B	9			MDB7CB	07			SWT	Z3					
14309		XA512	35			XA514	35			16B	9			MDB6CB	25			SWT	Z3					
CONNECTOR XA512 CONTINUED ON THE NEXT PAGE ****																								

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UNIT ASSEMBLY CARD CAGE WIRED, MCU CONNECTOR FILE IDENT T39AMCMU DATE 09-02-82 PAGE 435

RECORD NUMBER	FROM			SH FG	TO			SH FG	WIRE				SPEC INST MISC	SIGNAL	SEQ NO	EQUATION	TERM	FACTOR	CKT OR CHIP TYPE	GROUP	LOAD OR POWER PLANE	TEST POINTS		SIGNAL DESCRIPTION	ECO NO
	PREFIX	CONNECTOR	PIN		PREFIX	CONNECTOR	PIN		MULTI GROUP	CODE	COLOR	IDENT										AND	OR		
14310		XA512	36			XA511	34			16B	9			MDB5CB	17				SWT	Z3					
14311		XA512	37			XA511	06			16B	9			MDW31A	02				SWT	Z3					
14312		XA512	38											SPP	01				SWT	Z3					
14313		XA512	39			XA511	39			16B	9			MDR1EB	09				SWT	Z3					
14314		XA512	40											31YSS7	02				SWT	Z3					
14315		XA512	41											SPP	01				SWT					KEYWAY	
14316		XA512	42											SPP	01				SWT					KEYWAY	
14317		XA512	43			XA514	43			16B	9			MDB4CB	13				SWT	Z3					
14318		XA512	44											GND	01				SWT						
14319		XA512	45			XA511	51			16B	9			31YSS6	01				SWT	Z3					
14320		XA512	46											SPP	01				SWT						
14321		XA512	47			XA511	47			18D	2			+12VOLT	097				SWT						
14322		XA512	48											SPP	01				SWT						
14323		XA512	49											31YCA2	02				SWT	Z4					
14324		XA512	50			XA511	50			16B	9			MCSD31	07				SWT	Z4					
14325		XA512	51			XA511	45			16B	9			31YSS4	01				SWT	Z3					
14326		XA512	52											31YCA3	02				SWT	Z4					
14327		XA512	53											31YSS5	02				SWT	Z3					
14328		XA512	54			XA514	54			16B	9			MDA2CB	17				SWT	Z4					
14329		XA512	55			XA511	55			16B	9			MDW1EB	09				SWT	Z4					
14330		XA512	56			XA511	56			16B	9			MDR31A	01				SWT	Z4					
14331		XA512	57			XA514	57			16B	9			MDA0CB	09				SWT	Z4					
14332		XA512	58											GND	01				SWT						
14333		XA512	59											SPP	01				SWT	Z4					
14334		XA512	60			XA510	60			16B	9			MDA3CB	21				SWT	Z4					
14335		XA512	61											31YCC0	02				SWT	Z4					
14336		XA512	62			XA514	62			16B	9			MDA1CB	09				SWT	Z4					
14337		XA512	63			XA513	63			16B	9			MCSD17	08				SWT	Z5					
14338		XA512	64											31YCC1	02				SWT	Z4					
14339		XA512	65			XA514	70			16B	9			17YSS0	01				SWT						
14340		XA512	66											17YC01	02				SWT	Z5					
14341		XA512	67											GND	01				SWT						
14342		XA512	68			XA513	03			16B	9			MDB0CB	141				SWT	Z5					
14343		XA512	69			XA512	73			16B	9			17YC00	01				SWT	Z5				BIT 17 SQ DIODE 0	
14344		XA512	70											17YSS2	02				SWT						
14345		XA512	71			XA514	71			16B	9			MDW17A	01				SWT	Z5					
14346		XA512	72			XA514	78			16B	9			MDB1CB	03				SWT	Z5					
14347		XA512	73											17YC00	02				SWT						
14348		XA512	74											SPP	01				SWT	Z5					
14349		XA512	75			XA506	68			16B	9			MDB2CB	28				SWT	Z5					
14350		XA512	76			XA514	76			16B	9			MDR1EB	05				SWT	Z5					
14351		XA512	77			XA512	79			16B	9			17YCI2	01				SWT	Z5				BIT 17 SI DIODE 2	
14352		XA512	78			XA514	72			16B	9			MDB3CB	03				SWT	Z5					
14353		XA512	79											17YCI2	02				SWT						
14354		XA512	80											17YCI3	02				SWT	Z5					
14355		XA513	01			XA514	01			16B	9			MCSD32	01				SWT	Z1				BIT 32 VOLT SOURCE	
14356		XA513	02											GND	01				SWT						
14357		XA513	03			XA514	07			16B	9			MDB0CB	15				SWT	Z1					
CONNECTOR XA513) CONTINUED ON THE NEXT PAGE ****																									

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DRAWING NUMBER 149304-880 UNIT ASSEMBLY NO. 149304 REV G INDEX XA513

UNIT ASSEMBLY CARD CAGE WIRED, MCU CONNECTOR FILE IDENT T39AMCMU DATE 09-02-82 PAGE 436

RECORD NUMBER	FROM PREFIX	FROM CONNECTOR	FROM PIN	FROM SH FG	TO PREFIX	TO CONNECTOR	TO PIN	TO SH FG	WIRE MULTI GROUP	WIRE CODE	WIRE COLOR	WIRE IDENT	SPC INST MISC	SIGNAL	SEC NO	EQUATION	TERM	FACTOR	CKT OR CHIP TYPE	GROUP	LOAD OR POWER PLANE	TEST POINTS AND	TEST POINTS OR	SIGNAL DESCRIPTION	ECO NO
14358		XA513	04			XA512	10			16B	9			MDB1CB	08				SWT	Z1					
14359		XA513	05											SPP	01				SWT	Z1					
14360		XA513	06			XA514	37			16B	9			MDWOPA	03				SWT	Z1					
14361		XA513	07			XA514	03			16B	9			MDB2CB	22				SWT	Z1					
14362		XA513	08			XA514	08			16B	9			MDRIEB	21				SWT	Z1					
14363		XA513	09			XA514	15			16B	9			32YSS0	01				SWT	Z1					
14364		XA513	10			XA514	04			16B	9			MDB3CB	07				SWT	Z1					
14365		XA513	11											32YSS1	02				SWT	Z1					
14366		XA513	12											+5V	01				SWT						
14367		XA513	13											32YCA0	02				SWT	Z2					
14368		XA513	14			XA514	14			18D	2			+12VOLT	093				SWT						
14369		XA513	15			XA514	09			16B	9			32YSS2	01				SWT	Z1					
14370		XA513	16											GND	01				SWT						
14371		XA513	17			XA513	33			16B	9			MCSD32	04				SWT	Z2					
14372		XA513	18											32YCA1	02				SWT	Z2					
14373		XA513	19			XA511	19			16B	9			MDA0CB	13				SWT	Z2					
14374		XA513	20			XA511	20			16B	9			MDA1CB	13				SWT	Z2					
14375		XA513	21											32YSS3	02				SWT	Z1					
14376		XA513	22			XA515	45			16B	9			MDA3CB	17				SWT	Z2					
14377		XA513	23			XA514	23			16B	9			MDROPA	03				SWT	Z2					
14378		XA513	24											32YCC3	02				SWT	Z2					
14379		XA513	25			XA514	25			16B	9			MDWIEB	21				SWT	Z2					
14380		XA513	26											SPP	01				SWT	Z2					
14381		XA513	27			XA512	54			16B	9			MDA2CB	16				SWT	Z2					
14382		XA513	28											+5V	01				SWT						
14383		XA513	29											SPP	01				SWT					KEYWAY	
14384		XA513	30											SPP	01				SWT					KEYWAY	
14385		XA513	31											32YCC2	02				SWT	Z2					
14386		XA513	32											GND	01				SWT						
14387		XA513	33			XA514	33			16B	9			MCSD32	05				SWT	Z3					
14388		XA513	34			XA512	36			16B	9			MDB5CB	16				SWT	Z3					
14389		XA513	35			XA511	35			16B	9			MDB4CB	03				SWT	Z3					
14390		XA513	36			XA512	34			16B	9			MDB7CB	06				SWT	Z3					
14391		XA513	37											MDWOPA	05				SWT	Z3					
14392		XA513	38											SPP	01				SWT	Z3					
14393		XA513	39			XA512	39			16B	9			MDRIEB	08				SWT	Z3					
14394		XA513	40											32YSS5	02				SWT	Z3					
14395		XA513	41											SPP	01				SWT					KEYWAY	
14396		XA513	42											SPP	01				SWT					KEYWAY	
14397		XA513	43			XA511	43			16B	9			MDB6CB	15				SWT	Z3					
14398		XA513	44											GND	01				SWT						
14399		XA513	45			XA514	51			16B	9			32YSS4	01				SWT	Z3					
14400		XA513	46											SPP	01				SWT						
14401		XA513	47			XA512	47			18D	2			+12VOLT	096				SWT						
14402		XA513	47			XA527	66			18D	2			+12VOLT	150				SWT						
14403		XA513	48											SPP	01				SWT						
14404		XA513	49											32YCA6	02				SWT	Z4					
14405		XA513	50			XA501	55			16B	9			MCSD32	08				SWT	Z4					
14406		XA513	51			XA514	45			16B	9			32YSS6	01				SWT	Z3					
14407		XA513	52											32YCA7	02				SWT	Z4					
CONNECTOR XA513) CONTINUED ON THE NEXT PAGE ****																									

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DRAWING NUMBER 149304-880 UNIT ASSEMBLY NO. 149304 REV G INDEX XA513

UNIT ASSEMBLY CARD CAGE WIRED, MCU CONNECTOR FILE IDENT T39AMCMU DATE 09-02-82 PAGE 437

RECORD NUMBER	FROM PREFIX	FROM CONNECTOR	FROM PIN	FROM SH FB	TO PREFIX	TO CONNECTOR	TO PIN	TO SH FB	WIRE MULTI GROUP	WIRE CODE	WIRE COLOR	WIRE IDENT	SPC INST MISC	SIGNAL	SEQ NO	EQUATION	TERM	FACTOR	CKT OR CHIP TYPE	GROUP	LOAD OR POWER PLANE	TEST POINTS AND	TEST POINTS OR	SIGNAL DESCRIPTION	ECO NO
14408		XA513	53											32YSS7	02				SWT	Z3					
14409		XA513	54			XA511	54			16B	9			MDA6CB	05				SWT	Z4					
14410		XA513	55			XA512	55			16B	9			MDWIEB	08				SWT	Z4					
14411		XA513	56			XA513	23			16B	9			MDROPA	02				SWT	Z4					
14412		XA513	57			XA511	57			16B	9			MDA4CB	05				SWT	Z4					
14413		XA513	58											GND	01				SWT						
14414		XA513	59											SPP	01				SWT	Z4					
14415		XA513	60			XA515	69			16B	9			MDA7CB	25				SWT	Z4					
14416		XA513	61											32YCC4	02				SWT	Z4					
14417		XA513	62			XA515	63			16B	9			MDA5CB	07				SWT	Z4					
14418		XA513	63			XA514	63			16B	9			MCSD17	09				SWT	Z5					
14419		XA513	64											32YCC5	02				SWT	Z4					
14420		XA513	65			XA511	70			16B	9			17YSS3	01				SWT						
14421		XA513	66											17YCA3	02				SWT	Z5					
14422		XA513	67											GND	01				SWT						
14423		XA513	68			XA511	75			16B	9			MDA2CB	21				SWT	Z5					
14424		XA513	69											17YCA2	02				SWT	Z5					
14425		XA513	70			XA511	65			16B	9			17YSS1	01				SWT						
14426		XA513	71			XA416	71			16B	9			MDR17A	02				SWT	Z5					
14427		XA513	72											MDA3CB	31				SWT	Z5					
14428		XA513	73			XA514	66			16B	9			17YC03	01				SWT					BIT 17 SQ DIODE 3	
14429		XA513	74											SPP	01				SWT	Z5					
14430		XA513	75			XA511	68			16B	9			MDA0CB	07				SWT	Z5					
14431		XA513	76			XA514	55			16B	9			MDWIEB	06				SWT	Z5					
14432		XA513	77											17YCC0	02				SWT	Z5					
14433		XA513	78			XA512	62			16B	9			MDA1CB	08				SWT	Z5					
14434		XA513	79			XA514	80			16B	9			17YCI1	01				SWT					BIT 17 SI DIODE 1	
14435		XA513	80											17YCC1	02				SWT	Z5					
14436		XA514	01			XA514	17			16B	9			MCSD32	02				SWT	Z1					
14437		XA514	02											GND	01				SWT						
14438		XA514	03			XA516	14			16B	9			MDB2CB	23				SWT	Z1					
14439		XA514	04			XA512	04			16B	9			MDB3CB	08				SWT	Z1					
14440		XA514	05											SPP	01				SWT	Z1					
14441		XA514	06			XA513	06			16B	9			MDW0PA	02				SWT	Z1					
14442		XA514	07			XA516	06			16B	9			MDB0CB	16				SWT	Z1					
14443		XA514	08			XA417	76			16B	9			MDRIEB	22				SWT	Z1					
14444		XA514	09											32YSS2	02				SWT	Z1					
14445		XA514	10			XA513	04			16B	9			MDB1CB	07				SWT	Z1					
14446		XA514	11			XA513	21			16B	9			32YSS3	01				SWT	Z1					
14447		XA514	12											+5V	01				SWT						
14448		XA514	13											32YCA4	02				SWT	Z2					
14449		XA514	14			XA514	47			18D	2			+12VOLT	094				SWT						
14450		XA514	14										K	+12VOLT	134				SWT						
14451		XA514	15											32YSS0	02				SWT	Z1					
14452		XA514	16											GND	01				SWT						
14453		XA514	17			XA513	17			16B	9			MCSD32	03				SWT	Z2					
14454		XA514	18											32YCA5	02				SWT	Z2					
14455		XA514	19			XA418	75			16B	9			MDA4CB	16				SWT	Z2					
CONNECTOR XA514 CONTINUED ON THE NEXT PAGE ****																									

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DRAWING NUMBER 149304-880 UNIT ASSEMBLY NO. 149304 REV G INDEX XA514

UNIT ASSEMBLY CARD CAGE WIRED, MCU CONNECTOR FILE IDENT T39AMCMU DATE 09-02-82 PAGE 438

RECORD NUMBER	FROM PREFIX	FROM CONNECTOR	FROM PIN	FROM SH FB	TO PREFIX	TO CONNECTOR	TO PIN	TO SH FB	WIRE MULTI GROUP	WIRE CODE	WIRE COLOR	WIRE IDENT	SPEC INST MISC	SIGNAL	SEQ NO	EQUATION	TERM	FACTOR	CKT OR CHIP TYPE	GROUP	LOAD OR POWER PLANE	TEST POINTS AND	TEST POINTS OR	SIGNAL DESCRIPTION	ECO NO
14456		XA514	20			XA512	20			16B	9			MDA5CB	10				SWT	Z2					
14457		XA514	21			XA513	11			16B	9			32YSS1	01				SWT	Z1					
14458		XA514	22			XA512	22			16B	9			MDA7CB	12				SWT	Z2					
14459		XA514	23			XA218	06			16B	9			MDROPA	04				SWT	Z2					
14460		XA514	24											32YCC7	02				SWT	Z2					
14461		XA514	25			XA416	76			16B	9			MDWIEB	22				SWT	Z2					
14462		XA514	26											SPP	01				SWT	Z2					
14463		XA514	27			XA418	68			16B	9			MDA6CB	16				SWT	Z2					
14464		XA514	28											+5V	01				SWT						
14465		XA514	29											SPP	01				SWT					KEYWAY	
14466		XA514	30											SPP	01				SWT					KEYWAY	
14467		XA514	31											32YCC6	02				SWT	Z2					
14468		XA514	32											GND	01				SWT						
14469		XA514	33			XA514	50			16B	9			MCSD32	06				SWT	Z3					
14470		XA514	34			XA513	36			16B	9			MDB7CB	05				SWT	Z3					
14471		XA514	35			XA510	68			16B	9			MDB6CB	26				SWT	Z3					
14472		XA514	36			XA513	34			16B	9			MDB5CB	15				SWT	Z3					
14473		XA514	37			XA513	37			16B	9			MDWOPA	04				SWT	Z3					
14474		XA514	38											SPP	01				SWT	Z3					
14475		XA514	39			XA513	39			16B	9			MDRIEB	07				SWT	Z3					
14476		XA514	40			XA513	53			16B	9			32YSS7	01				SWT	Z3					
14477		XA514	41											SPP	01				SWT					KEYWAY	
14478		XA514	42											SPP	01				SWT					KEYWAY	
14479		XA514	43			XA516	38			16B	9			MDB4CB	14				SWT	Z3					
14480		XA514	44											GND	01				SWT						
14481		XA514	45											32YSS6	02				SWT	Z3					
14482		XA514	46											SPP	01				SWT						
14483		XA514	47			XA513	47			18D	2			+12VOLT	095				SWT						
14484		XA514	47										M	+12VOLT	01				SWT						
14485		XA514	48											SPP	01				SWT						
14486		XA514	49											32YCA2	02				SWT	Z4					
14487		XA514	50			XA513	50			16B	9			MCSD32	07				SWT	Z4					
14488		XA514	51											32YSS4	02				SWT	Z3					
14489		XA514	52											32YCA3	02				SWT	Z4					
14490		XA514	53			XA513	40			16B	9			32YSS5	01				SWT	Z3					
14491		XA514	54			XA515	52			16B	9			MDA2CB	18				SWT	Z4					
14492		XA514	55			XA513	55			16B	9			MDWIEB	07				SWT	Z4					
14493		XA514	56			XA513	56			16B	9			MDROPA	01				SWT	Z4					
14494		XA514	57			XA515	38			16B	9			MDA0CB	10				SWT	Z4					
14495		XA514	58											GND	01				SWT						
14496		XA514	59											SPP	01				SWT	Z4					
14497		XA514	60			XA512	60			16B	9			MDA3CB	20				SWT	Z4					
14498		XA514	61											32YCC0	02				SWT	Z4					
14499		XA514	62			XA515	39			16B	9			MDA1CB	10				SWT	Z4					
14500		XA514	63											MCSD17	10				SWT	Z5					
14501		XA514	64											32YCC1	02				SWT	Z4					
14502		XA514	65			XA512	70			16B	9			17YSS2	01				SWT						
14503		XA514	66											17YC03	02				SWT	Z5					
14504		XA514	67											GND	01				SWT						
14505		XA514	68			XA512	75			16B	9			MDB2CB	26				SWT	Z5					
CONNECTOR XA514) CONTINUED ON THE NEXT PAGE ****																									

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DRAWING NUMBER 149304-880 UNIT ASSEMBLY NO. 149304 REV G INDEX XA514

UNIT ASSEMBLY CARD CAGE WIRED, MCU CONNECTOR FILE IDENT T39AMCMU DATE 09-02-82 PAGE 439

RECORD NUMBER	FROM				TO				WIRE				SPEC INST NOTICE	SIGNAL	SEQ NO	EQUATION	TERM	FACTOR	CKT OR CHIP TYPE	GROUP	LOAD OR POWER PLANE	TEST POINTS		SIGNAL DESCRIPTION	ECO NO
	PREFIX	CONNECTOR	PIN	SH FG	PREFIX	CONNECTOR	PIN	SH FG	MULTI GROUP	CODE	COLOR	IDENT										AND	OR		
14506		XA514	69											17YC02	02				SWT	Z5					
14507		XA514	70											17YSS0	02				SWT						
14508		XA514	71			XA417	71			16B	9			MDW17A	02				SWT	Z5					
14509		XA514	72			XA516	27			16B	9			MDB3CB	04				SWT	Z5					
14510		XA514	73			XA514	69			16B	9			17YC02	01				SWT					BIT 17 SQ DIODE 2	
14511		XA514	74											SPP	01				SWT	Z5					
14512		XA514	75											MDB0CB	27				SWT	Z5					
14513		XA514	76			XA514	39			16B	9			MDRIEB	06				SWT	Z5					
14514		XA514	77											17YCI0	02				SWT	Z5					
14515		XA514	78			XA516	15			16B	9			MDB1CB	04				SWT	Z5					
14516		XA514	79			XA514	77			16B	9			17YCI0	01				SWT					BIT 17 SI DIODE 0	
14517		XA514	80											17YCI1	02				SWT	Z5					
20208		XA515	01			XA515	06			16B	9		P	MUB4DA	20	MDB4BB	02	1	TQ2	A2		02	B		
22647		XA515	01										J	MUB4DA	01	MUB4DA	00	1	TQ2	A2		02	B	MDB4BB BUSS	
14518		XA515	02											GND	01				TQ2			01	A		
22662		XA515	03			XA515	11			16B	9			MUB050	04	MUB5CA	01	1	TQ2	A3		02	A		
22648		XA515	04			XA515	08			16B	9			MUB040	04	MUB4DA	01	1	TQ2	A2		04	A		
22649		XA515	05			XA516	05			16B	9			SPI028	09	MUB4DA	01	2	TQ2	A2		03	B		
20209		XA515	06										P	MUB4CA	21	MDB4BB	01	1	TQ2	A1		05	A	BIT B SWT ADR 4	
22644		XA515	06										J	MUB4CA	01	MUB4CA	00	1	TQ2	A1		05	A	MDB4BB BUSS	
22663		XA515	07			XA515	05			16B	9			SPI028	08	MUB5CA	01	2	TQ2	A3		03	A		
22645		XA515	08			XA516	34			16B	9			MUB040	05	MUB4CA	01	1	TQ2	A1		06	A		
20214		XA515	09			XA417	36			16B	9		P	MUB5CA	02	MDB5BB	01	1	TQ2	A3		04	B	BIT B SWT ADR 5	
22664		XA515	09										J	MUB5CA	01	MUB5CA	00	1	TQ2	A3		04	B	MDB5BB BUSS	
22646		XA515	10			XA515	07			16B	9			SPI028	07	MUB4CA	01	2	TQ2	A1		07	A		
22665		XA515	11			XA516	29			16B	9			MUB050	05	MUB5DA	01	1	TQ2	A4		05	B		
14519		XA515	12											+5V	01				TQ2						
22666		XA515	13			XA515	19			16B	9			SPI028	13	MUB5DA	01	2	TQ2	A4		06	B		
20220		XA515	14			XA515	22			16B	9		P	MUB6DA	22	MDB6BB	02	1	TQ2	B2		09	A		
22683		XA515	14										J	MUB6DA	01	MUB6DA	00	1	TQ2	B2		09	A	MDB6BB BUSS	
20215		XA515	15			XA515	09			16B	9		P	MUB5DA	01	MDB5BB	02	1	TQ2	A4		07	B		
22667		XA515	15										J	MUB5DA	01	MUB5DA	00	1	TQ2	A4		07	B	MDB5BB BUSS	
14520		XA515	16											GND	01				TQ2			01	B		
22698		XA515	17			XA515	23			16B	9			MUB070	04	MUB7CA	01	1	TQ2	B3		08	B		
22684		XA515	18			XA515	24			16B	9			MUB060	04	MUB6DA	01	1	TQ2	B2		10	A		
22699		XA515	19			XA515	20			16B	9			SPI028	14	MUB7CA	01	2	TQ2	B3		09	B		
22685		XA515	20			XA515	26			16B	9			SPI028	15	MUB6DA	01	2	TQ2	B2		11	A		
20226		XA515	21			XA419	34			16B	9		P	MUB7CA	02	MDB7BB	01	1	TQ2	B3		10	B	BIT B SWT ADR 7	
22700		XA515	21										J	MUB7CA	01	MUB7CA	00	1	TQ2	B3		10	B	MDB7BB BUSS	
20221		XA515	22										P	MUB6CA	23	MDB6BB	01	1	TQ2	B1		12	A	BIT B SWT ADR 6	
22680		XA515	22										J	MUB6CA	01	MUB6CA	00	1	TQ2	B1		12	A	MDB6BB BUSS	
22701		XA515	23			XA516	41			16B	9			MUB070	05	MUB7DA	01	1	TQ2	B4		11	B		
22681		XA515	24			XA516	48			16B	9			MUB060	05	MUB6CA	01	1	TQ2	B1		13	A		
22702		XA515	25			XA515	31			16B	9			SPI028	17	MUB7DA	01	2	TQ2	B4		12	B		
22682		XA515	26			XA515	25			16B	9			SPI028	16	MUB6CA	01	2	TQ2	B1		14	A		
20227		XA515	27			XA515	21			16B	9		P	MUB7DA	01	MDB7BB	02	1	TQ2	B4		13	B		
22703		XA515	27										J	MUB7DA	01	MUB7DA	00	1	TQ2	B4		13	B	MDB7BB BUSS	
14521		XA515	28											+5V	01				TQ2						
CONNECTOR XA515) CONTINUED ON THE NEXT PAGE ****																									

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DRAWING NUMBER 149304-880 UNIT ASSEMBLY NO. 149304 REV G INDEX XA515

UNIT ASSEMBLY CARD CAGE WIRED, MCU CONNECTOR FILE IDENT T39AMCMU DATE 09-02-82 PAGE 440

RECORD NUMBER	FROM PREFIX	FROM CONNECTOR	FROM PIN	FROM SH FG	TO PREFIX	TO CONNECTOR	TO PIN	TO SH FG	WIRE MULTI GROUP	WIRE CODE	WIRE COLOR	WIRE IDENT	SPC INST MISC	SIGNAL	SEC NO	EQUATION	TERM	FACTOR	CKT OR CHIP TYPE	GROUP	LOAD GP POWER PLANE	TEST POINTS AND/OR	SIGNAL DESCRIPTION	ECO NO
22388		XA515	29			XA420	11			16B	9			MUA010	001	MUA1EA	01	1	TQ2	C3		14B		G02
20138		XA515	30			XA513	19			16B	9		P	MUA0FA	12	MDA0CB	02	1	TQ2	C2		15A		
22317		XA515	30										J	MUA0FA	01	MUA0FA	00	1	TQ2	C2		15A	MDA0CB BUSS	
22389		XA515	31			XA515	42			16B	9			SPI028	18	MUA1EA	01	2	TQ2	C3		15B		
14522		XA515	32											GND	01				TQ2			20B		
20144		XA515	33			XA513	20			16B	9		P	MUA1EA	12	MDA1CB	01	1	TQ2	C3		16B	BIT D SWT ADR 1	
22390		XA515	33										J	MUA1EA	01	MUA1EA	00	1	TQ2	C3		16B	MDA1CB BUSS	
22318		XA515	34			XA420	08			16B	9			MUA000	001	MUA0FA	01	1	TQ2	C2		16A		G02
22391		XA515	35			XA515	29			16B	9			MUA010	00	MUA1FA	01	1	TQ2	C4		17B		G02
22319		XA515	36			XA515	37			16B	9			SPI028	20	MUA0FA	01	2	TQ2	C2		17A		
22392		XA515	37			XA515	43			16B	9			SPI028	21	MUA1FA	01	2	TQ2	C4		18B		
20139		XA515	38			XA515	30			16B	9		P	MUA0EA	11	MDA0CB	01	1	TQ2	C1		18A	BIT D SWT ADR 0	
22314		XA515	38										J	MUA0EA	01	MUA0EA	00	1	TQ2	C1		18A	MDA0CB BUSS	
20145		XA515	39			XA515	33			16B	9		P	MUA1FA	11	MDA1CB	02	1	TQ2	C4		19B		
22393		XA515	39										J	MUA1FA	01	MUA1FA	00	1	TQ2	C4		19B	MDA1CB BUSS	
22315		XA515	40			XA515	34			16B	9			MUA000	00	MUA0EA	01	1	TQ2	C1		19A		G02
22424		XA515	41			XA420	23			16B	9			MUA030	02	MUA3EA	01	1	TQ2	D3		22B		
22316		XA515	42			XA515	36			16B	9			SPI028	19	MUA0EA	01	2	TQ2	C1		20A		
22425		XA515	43			XA515	49			16B	9			SPI028	22	MUA3EA	01	2	TQ2	D3		23B		
14523		XA515	44											GND	01				TQ2			21B		
20156		XA515	45			XA515	51			16B	9		P	MUA3EA	18	MDA3CB	01	1	TQ2	D3		24B	BIT D SWT ADR 3	
22426		XA515	45										J	MUA3EA	01	MUA3EA	00	1	TQ2	D3		24B	MDA3CB BUSS	
20150		XA515	46			XA513	68			16B	9		P	MUA2FA	20	MDA2CB	02	1	TQ2	D2		21A		
22409		XA515	46										J	MUA2FA	01	MUA2FA	00	1	TQ2	D2		21A	MDA2CB BUSS	
22427		XA515	47			XA515	41			16B	9			MUA030	01	MUA3FA	01	1	TQ2	D4		25B		
22410		XA515	48			XA515	54			16B	9			MUA020	08	MUA2FA	01	1	TQ2	D2		22A		
22428		XA515	49			XA515	50			16B	9			SPI028	23	MUA3FA	01	2	TQ2	D4		26B		
22411		XA515	50			XA515	56			16B	9			SPI028	24	MUA2FA	01	2	TQ2	D2		23A		
20157		XA515	51			XA514	60			16B	9		P	MUA3FA	19	MDA3CB	02	1	TQ2	D4		27B		
22429		XA515	51										J	MUA3FA	01	MUA3EA	00	1	TQ2	D4		27B	MDA3CB BUSS	
20151		XA515	52			XA515	46			16B	9		P	MUA2EA	19	MDA2CB	01	1	TQ2	D1		24A	BIT D SWT ADR 2	
22406		XA515	52										J	MUA2EA	01	MUA2EA	00	1	TQ2	D1		24A	MDA2CB BUSS	
22460		XA515	53			XA420	35			16B	9			MUA050	001	MUA5EA	01	1	TQ2	E3		28B		G02
22407		XA515	54											MUA020	09	MUA2EA	01	1	TQ2	D1		25A		
22461		XA515	55			XA515	61			16B	9			SPI028	26	MUA5EA	01	2	TQ2	E3		29B		
22408		XA515	56			XA515	55			16B	9			SPI028	25	MUA2EA	01	2	TQ2	D1		26A		
20168		XA515	57			XA514	20			16B	9		P	MUA5EA	09	MDA5CB	01	1	TQ2	E3		30B	BIT D SWT ADR 5	
22462		XA515	57										J	MUA5EA	01	MUA5EA	00	1	TQ2	E3		30B	MDA5CB BUSS	
14524		XA515	58											GND	01				TQ2			27A		
22463		XA515	59			XA515	53			16B	9			MUA050	00	MUA5FA	01	1	TQ2	E4		31B		G02
20162		XA515	60			XA513	57			16B	9		P	MUA4FA	04	MDA4CB	02	1	TQ2	E2		28A		
22445		XA515	60										J	MUA4FA	01	MUA4FA	00	1	TQ2	E2		28A	MDA4CB BUSS	
22464		XA515	61			XA515	64			16B	9			SPI028	27	MUA5FA	01	2	TQ2	E4		32B		
22446		XA515	62			XA420	40			16B	9			MUA040	001	MUA4FA	01	1	TQ2	E2		29A		G02
20169		XA515	63			XA515	57			16B	9		P	MUA5FA	08	MDA5CB	02	1	TQ2	E4		33B		
22465		XA515	63										J	MUA5FA	01	MUA5FA	00	1	TQ2	E4		33B	MDA5CB BUSS	
22447		XA515	64			XA515	70			16B	9			SPI028	28	MUA4FA	01	2	TQ2	E2		30A		
22496		XA515	65			XA420	47			16B	9			MUA070	001	MUA7EA	01	1	TQ2	E3		34B		G02
20163		XA515	66			XA515	60			16B	9		P	MUA4EA	03	MDA4CB	01	1	TQ2	E1		31A	BIT D SWT ADR 4	
22442		XA515	66										J	MUA4EA	01	MUA4FA	00	1	TQ2	E1		31A	MDA4CB BUSS	
CONNECTOR XA515) CONTINUED ON THE NEXT PAGE ****																								

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DRAWING NUMBER 149304-880 UNIT ASSEMBLY NO. 149304 REV G INDEX XA515

UNIT ASSEMBLY CARD CAGE WIRED, MCU CONNECTOR FILE IDENT T39AMCMU DATE 09-02-82 PAGE 441

RECORD NUMBER	FROM PREFIX	FROM CONNECTOR	FROM PIN	FROM SH FG	TO PREFIX	TO CONNECTOR	TO PIN	TO SH FG	WIRE MULTI GROUP	WIRE CODE	WIRE COLOR	WIRE IDENT	SPC INST MISC	SIGNAL	SEQ NO	EQUATION	TERM	FACTOR	CKT OR CHIP TYPE	GROUP	LOAD OR POWER PLANE	TEST POINTS AND	TEST POINTS OR	SIGNAL DESCRIPTION	ECO NO
14525		XA515	67											GND	01				TQ2			40	A		
22443		XA515	68			XA515	62			16B	9			MUA040	00	MUA4EA	01	1	TQ2	E1		32	A		G02
20180		XA515	69			XA515	80			16B	9		P	MUA7EA	26	MDA7CB	01	1	TQ2	F3		35	A	BIT D SWT ADR 7	
22497		XA515	69										J	MUA7EA	01	MUA7EA	00	1	TQ2	F3		35	A	MDA7CB BUSS	
22444		XA515	70			XA515	74			16B	9			SPI028	29	MUA4EA	01	2	TQ2	E1		33	A		
22481		XA515	71			XA420	54			16B	9			MUA060	001	MUA6FA	01	1	TQ2	F2		36	A		G02
20174		XA515	72			XA513	54			16B	9		P	MUA6FA	04	MDA6CB	02	1	TQ2	F2		34	A		
22482		XA515	72										J	MUA6FA	01	MUA6FA	00	1	TQ2	F2		34	A	MDA6CB BUSS	
22483		XA515	73											SPI028	33	MUA6FA	01	2	TQ2	F2		36	B		
22498		XA515	74			XA515	78			16B	9			SPI028	30	MUA7EA	01	2	TQ2	F3		35	B		
20175		XA515	75			XA515	72			16B	9		P	MUA6EA	03	MDA6CB	01	1	TQ2	F1		37	B	BIT D SWT ADR 6	
22478		XA515	75										J	MUA6EA	01	MUA6EA	00	1	TQ2	F1		37	B	MDA6CB BUSS	
22499		XA515	76			XA515	65			16B	9			MUA070	00	MUA7FA	01	1	TQ2	F4		37	A		G02
22479		XA515	77			XA515	71			16B	9			MUA060	00	MUA6EA	01	1	TQ2	F1		38	B		G02
22500		XA515	78			XA515	79			16B	9			SPI028	31	MUA7FA	01	2	TQ2	F4		38	A		
22480		XA515	79			XA515	73			16B	9			SPI028	32	MUA6EA	01	2	TQ2	F1		39	B		
20181		XA515	80										P	MUA7FA	27	MDA7CB	02	1	TQ2	F4		39	A		
22501		XA515	80										J	MUA7FA	01	MUA7FA	00	1	TQ2	F4		39	A	MDA7CB BUSS	
20186		XA516	01			XA508	07			16B	9		P	MUB0FA	18	MDB0CB	02	1	TQ2	A2		02	B		
22525		XA516	01										J	MUB0FA	01	MUB0FA	00	1	TQ2	A2		02	B	MDB0CB BUSS	
14526		XA516	02											GND	01				TQ2			01	A		
22596		XA516	03			XA516	11			16B	9			MUB010	06	MUB1EA	01	1	TQ2	A3		02	A		
22526		XA516	04			XA516	08			16B	9			MUB000	06	MUB0FA	01	1	TQ2	A2		04	A		
22527		XA516	05			XA516	07			16B	9			SPI028	10	MUB0FA	01	2	TQ2	A2		03	B		
20187		XA516	06			XA516	01			16B	9		P	MUB0EA	17	MDB0CB	01	1	TQ2	A1		05	A	BIT B SWT ADR 0	
22522		XA516	06										J	MUB0EA	01	MUB0EA	00	1	TQ2	A1		05	A	MDB0CB BUSS	
22597		XA516	07			XA516	13			16B	9			SPI028	11	MUB1EA	01	2	TQ2	A3		03	A		
22523		XA516	08			XA216	75			16B	9			MUB000	07	MUB0EA	01	1	TQ2	A1		06	A		G02
20192		XA516	09			XA514	10			16B	9		P	MUB1EA	06	MDB1CB	01	1	TQ2	A3		04	B	BIT B SWT ADR 1	
22598		XA516	09										J	MUB1EA	01	MUB1EA	00	1	TQ2	A3		04	B	MDB1CB BUSS	
22524		XA516	10			XA515	10			16B	9			SPI028	06	MUB0EA	01	2	TQ2	A1		07	A		
22599		XA516	11			XA216	72			16B	9			MUB010	07	MUB1FA	01	1	TQ2	A4		05	B		G02
14527		XA516	12											+5V	01				TQ2						
22600		XA516	13			XA515	13			16B	9			SPI028	12	MUB1FA	01	2	TQ2	A4		06	B		
20198		XA516	14			XA516	22			16B	9		P	MUB2FA	24	MDB2CB	02	1	TQ2	B2		09	A		
22617		XA516	14										J	MUB2FA	01	MUB2FA	00	1	TQ2	B2		09	A	MDB2CB BUSS	
20193		XA516	15			XA516	09			16B	9		P	MUB1FA	05	MDB1CB	02	1	TQ2	A4		07	B		
22601		XA516	15										J	MUB1FA	01	MUB1FA	00	1	TQ2	A4		07	B	MDB1CB BUSS	
14528		XA516	16											GND	01				TQ2			01	B		
22632		XA516	17			XA420	76			16B	9			MUB030	02	MUB3EA	01	1	TQ2	B3		08	B		
22618		XA516	18			XA420	77			16B	9			MUB020	02	MUB2FA	01	1	TQ2	B2		10	A		
22633		XA516	19			XA516	20			16B	9			SPI030	03	MUB3EA	01	2	TQ2	B3		09	B		
22619		XA516	20			XA516	26			16B	9			SPI030	04	MUB2FA	01	2	TQ2	B2		11	A		
20204		XA516	21			XA513	10			16B	9		P	MUB3EA	06	MDB3CB	01	1	TQ2	B3		10	B	BIT B SWT ADR 3	
22634		XA516	21										J	MUB3EA	01	MUB3EA	00	1	TQ2	B3		10	B	MDB3CB BUSS	
20199		XA516	22			XA514	68			16B	9		P	MUB2EA	25	MDB2CB	01	1	TQ2	B1		12	A	BIT B SWT ADR 2	
22614		XA516	22										J	MUB2EA	01	MUB2EA	00	1	TQ2	B1		12	A	MDB2CB BUSS	
22635		XA516	23			XA516	17			16B	9			MUB030	01	MUB3FA	01	1	TQ2	B4		11	B		
CONNECTOR XA516) CONTINUED ON THE NEXT PAGE ****																									

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RECORD NUMBER	FROM PREFIX	FROM CONNECTOR	FROM PIN	FROM SH FB	TO PREFIX	TO CONNECTOR	TO PIN	TO SH FB	WIRE MULTI GROUP	WIRE CODE	WIRE COLOR	WIRE IDENT	SPC INST MISC	SIGNAL	SEQ NO	EQUATION	TERM	FACTOR	CKT OR CHIP TYPE	GROUP	LOAD OR POWER PLANE	TEST POINTS AND OP	SIGNAL DESCRIPTION	ECO NO
22615		XA516	24			XA516	18			16B	9			MUB020	01	MUB2EA	01	1	TQ2	B1		13A		
22636		XA516	25			XA516	31			16B	9			SPI030	07	MUB3FA	01	2	TQ2	B4		12B		
22616		XA516	26			XA516	25			16B	9			SPI030	06	MUB2EA	01	2	TQ2	B1		14A		
20205		XA516	27			XA516	21			16B	9		P	MUB3FA	05	MDB3CB	02	1	TQ2	B4		13B		
22637		XA516	27										J	MUB3FA	01	MUB3FA	00	1	TQ2	B4		13B	MDB3CB BUSS	
14529		XA516	28											+5V	01				TQ2					
22668		XA516	29			XA516	35			16B	9			MUB050	06	MUB5EA	01	1	TQ2	C3		14B		
20210		XA516	30			XA419	75			16B	9		P	MUB4FA	16	MDB4CB	02	1	TQ2	C2		15A		
22653		XA516	30										J	MUB4FA	01	MUB4FA	00	1	TQ2	C2		15A	MDB4CB BUSS	
22669		XA516	31			XA516	37			16B	9			SPI030	08	MUB5EA	01	2	TQ2	C3		15B		
14530		XA516	32											GND	01				TQ2			20B		
20216		XA516	33			XA516	39			16B	9		P	MUB5EA	13	MDB5CB	01	1	TQ2	C3		16B	BIT B SWT ADR 5	
22670		XA516	33										J	MUB5EA	01	MUB5EA	00	1	TQ2	C3		16B	MDB5CB BUSS	
22654		XA516	34			XA516	40			16B	9			MUB040	06	MUB4FA	01	1	TQ2	C2		16A		
22671		XA516	35			XA216	11			16B	9			MUB050	07	MUB5FA	01	1	TQ2	C4		17B		G02
22655		XA516	36			XA516	42			16B	9			SPI030	10	MUB4FA	01	2	TQ2	C2		17A		
22672		XA516	37			XA516	36			16B	9			SPI030	09	MUB5FA	01	2	TQ2	C4		18B		
20211		XA516	38			XA516	30			16B	9		P	MUB4EA	15	MDB4CB	01	1	TQ2	C1		18A	BIT B SWT ADR 4	
22650		XA516	38										J	MUB4EA	01	MUB4EA	00	1	TQ2	C1		18A	MDB4CB BUSS	
20217		XA516	39			XA514	36			16B	9		P	MUB5FA	14	MDB5CB	02	1	TQ2	C4		19B		
22673		XA516	39										J	MUB5FA	01	MUB5FA	00	1	TQ2	C4		19B	MDB5CB BUSS	
22651		XA516	40			XA216	08			16B	9			MUB040	07	MUB4EA	01	1	TQ2	C1		19A		G02
22704		XA516	41			XA516	47			16B	9			MUB070	06	MUB7EA	01	1	TQ2	D3		22B		
22652		XA516	42			XA516	43			16B	9			SPI030	12	MUB4EA	01	2	TQ2	C1		20A		
22705		XA516	43			XA516	49			16B	9			SPI030	13	MUB7EA	01	2	TQ2	D3		23B		
14531		XA516	44											GND	01				TQ2			21B		
20228		XA516	45			XA514	34			16B	9		P	MUB7EA	04	MDB7CB	01	1	TQ2	D3		24B	BIT B SWT ADR 7	
22706		XA516	45										J	MUB7EA	01	MUB7EA	00	1	TQ2	D3		24B	MDB7CB BUSS	
20222		XA516	46			XA516	52			16B	9		P	MUB6FA	13	MDB6CB	02	1	TQ2	D2		21A		
22689		XA516	46										J	MUB6EA	01	MUB6EA	00	1	TQ2	D2		21A	MDB6CB BUSS	
22707		XA516	47			XA216	23			16B	9			MUB070	07	MUB7FA	01	1	TQ2	D4		25B		G02
22690		XA516	48			XA516	54			16B	9			MUB060	06	MUB6EA	01	1	TQ2	D2		22A		
22708		XA516	49			XA516	50			16B	9			SPI030	14	MUB7FA	01	2	TQ2	D4		26B		
22691		XA516	50			XA516	56			16B	9			SPI030	15	MUB6FA	01	2	TQ2	D2		23A		
20229		XA516	51			XA516	45			16B	9		P	MUB7FA	03	MDB7CB	02	1	TQ2	D4		27B		
22709		XA516	51										J	MUB7FA	01	MUB7FA	00	1	TQ2	D4		27B	MDB7CB BUSS	
20223		XA516	52			XA513	43			16B	9		P	MUB6EA	14	MDB6CB	01	1	TQ2	D1		24A	BIT B SWT ADR 6	
22686		XA516	52										J	MUB6EA	01	MUB6EA	00	1	TQ2	D1		24A	MDB6CB BUSS	
23465		XA516	53			XA234	51			16B	9			MWWIT0	08	MWWC2A	01	1	TQ2	E3		28B		
22687		XA516	54			XA216	24			16B	9			MUB060	07	MUB6EA	01	1	TQ2	D1		25A		G02
23466		XA516	55			XA516	61			16B	9			MWG020	01	MWWC2A	01	2	TQ2	E3		29B		
22688		XA516	56											SPI030	17	MUB6EA	01	2	TQ2	D1		26A		
23467		XA516	57										J	MWWC2A	01	MWWC2A	00	1	TQ2	E3		30B	MWWI2B BUSS	
23491		XA516	57			XA516	63			16B	9		P	MWWC2A	09	MWWI2B	01	1	TQ2	E3		30B	WRD GRP 2 WRT SNK*	
14532		XA516	58											GND	01				TQ2			27A		
23477		XA516	59			XA516	53			16B	9			MWWIT0	07	MWWD2A	01	1	TQ2	E4		31B		
23474		XA516	60										J	MWWD1A	01	MWWD1A	00	1	TQ2	E2		28A	MWWI1B BUSS	
23489		XA516	60			XA516	66			16B	9		P	MWWD1A	09	MWWI1B	02	1	TQ2	E2		28A		
23478		XA516	61			XA542	61			16B	9			MWG020	02	MWWD2A	01	2	TQ2	E4		32B		
23475		XA516	62			XA516	59			16B	9			MWWIT0	06	MWWD1A	01	1	TQ2	E2		29A		

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DRAWING NUMBER 149304-880 UNIT ASSEMBLY NO. 149304 REV G INDEX XA516

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RECORD NUMBER	FROM				TO				WIRE				SPC INST SEC	SIGNAL	SEQ NO	EQUATION	TERM	FACTOR	CKT OR CHIP TYPE	GROUP	LOAD OR POWER PLANE	TEST POINTS AND	TEST POINTS OR	SIGNAL DESCRIPTION	ECO NO
	PREFIX	CONNECTOR	PIN	SHEG	PREFIX	CONNECTOR	PIN	SHEG	MULTI GROUP	CODE	COLOR	IDENT													
23479		XA516	63										J	MWWD2A	01	MWWD2A	00	1	TQ2	E4		33B		MWWI2B BUSS	
23492		XA516	63										P	MWWD2A	10	MWWI2B	02	1	TQ2	E4		33B			
23476		XA516	64			XA516	70			16B	9			MWGO1O	01	MWWD1A	01	2	TQ2	E2		30A			
23471		XA516	65			XA516	68			16B	9			MWWITO	04	MWWC4A	01	1	TQ2	F3		34B			
23462		XA516	66										J	MWWC1A	01	MWWC1A	00	1	TQ2	E1		31A		MWWI1B BUSS	
23490		XA516	66										P	MWWC1A	10	MWWI1B	01	1	TQ2	E1		31A		WRD GRP 1 WRT SNK*	
14533		XA516	67											GND	01				TQ2			40A			
23463		XA516	68			XA516	62			16B	9			MWWITO	05	MWWC1A	01	1	TQ2	E1		32A			
23472		XA516	69										J	MWWC4A	01	MWWC4A	00	1	TQ2	F3		35A		MWWI4B BUSS	
23495		XA516	69			XA516	80			16B	9		P	MWWC4A	09	MWWI4B	01	1	TQ2	F3		35A		WRD GRP 4 WRT SNK*	
23464		XA516	70			XA542	70			16B	9			MWGO1O	02	MWWC1A	01	2	TQ2	E1		33A			
23480		XA516	71			XA516	65			16B	9			MWWITO	03	MWWD3A	01	1	TQ2	F2		36A			
23481		XA516	72										J	MWWD3A	01	MWWD3A	00	1	TQ2	F2		34A		MWWI3B BUSS	
23493		XA516	72			XA516	75			16B	9		P	MWWD3A	09	MWWI3B	02	1	TQ2	F2		34A			
23482		XA516	73							16B	9			MWGO3O	08	MWWD3A	01	2	TQ2	F2		36B			
23473		XA516	74			XA516	78			16B	9			MWGO4O	01	MWWC4A	01	2	TQ2	F3		35B			
23468		XA516	75										J	MWWC3A	01	MWWC3A	00	1	TQ2	F1		37B		MWWI3B BUSS	
23494		XA516	75										P	MWWC3A	10	MWWI3B	01	1	TQ2	F1		37B		WRD GRP 3 WRT SNK*	
23483		XA516	76			XA516	77			16B	9			MWWITO	01	MWWD4A	01	1	TQ2	F4		37A			
23469		XA516	77			XA516	71			16B	9			MWWITO	02	MWWC3A	01	1	TQ2	F1		38B			
23484		XA516	78			XA542	78			16B	9			MWGO4O	02	MWWD4A	01	2	TQ2	F4		38A			
23470		XA516	79			XA516	73			16B	9			MWGO3O	07	MWWC3A	01	2	TQ2	F1		39B			
23485		XA516	80										J	MWWD4A	01	MWWD4A	00	1	TQ2	F4		39A		MWWI4B BUSS	
23496		XA516	80										P	MWWD4A	10	MWWI4B	02	1	TQ2	F4		39A			
14534		XA517	01											SPP											
14535		XA517	02											GND											
14536		XA517	03											SPP											
14537		XA517	04											SPP											
14538		XA517	05											SPP											
14539		XA517	06											SPP											
14540		XA517	07											SPP											
14541		XA517	08											SPP											
14542		XA517	09											SPP											
14543		XA517	10											SPP											
14544		XA517	11											SPP											
14545		XA517	12											+5V											
14546		XA517	13											SPP											
14547		XA517	14											SPP											
14548		XA517	15											SPP											
14549		XA517	16											GND											
14550		XA517	17											SPP											
14551		XA517	18											SPP											
14552		XA517	19											SPP											
14553		XA517	20											SPP											
14554		XA517	21											SPP											
14555		XA517	22											SPP											
14556		XA517	23											SPP											
14557		XA517	24											SPP											
CONNECTOR (XA517) CONTINUED ON THE NEXT PAGE ****																									

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DRAWING NUMBER 149304-880 UNIT ASSEMBLY NO. 149304 REV G INDEX XA517

UNIT ASSEMBLY CARD CAGE WIRED, MCU CONNECTOR FILE IDENT T39AMCMU DATE 09-02-82 PAGE 444

RECORD NUMBER	FROM				TO				WIRE					SIGNAL	SEC NO	EQUATION	TERM	FACTOR	CKT OR CHIP TYPE	GROUP	LOAD CP POWER PLANE	TEST POINTS		SIGNAL DESCRIPTION	ECO NO
	PREFIX	CONNECTOR	PIN	SH FR	PREFIX	CONNECTOR	PIN	SH TO	MULTI GROUP	CODE	COLOR	IDENT	SPC INST MISC									AND	OR		
14558		XA517	25											SPP											
14559		XA517	26											SPP											
14560		XA517	27											SPP											
14561		XA517	28											+5V											
14562		XA517	29											SPP											
14563		XA517	30											SPP											
14564		XA517	31											SPP											
14565		XA517	32											GND											
14566		XA517	33											SPP											
14567		XA517	34											SPP											
14568		XA517	35											SPP											
14569		XA517	36											SPP											
14570		XA517	37											SPP											
14571		XA517	38											SPP											
14572		XA517	39											SPP											
14573		XA517	40											SPP											
14574		XA517	41											SPP											
14575		XA517	42											SPP											
14576		XA517	43											SPP											
14577		XA517	44											GND											
14578		XA517	45											SPP											
14579		XA517	46											SPP											
14580		XA517	47											SPP											
14581		XA517	48											SPP											
14582		XA517	49											SPP											
14583		XA517	50											SPP											
14584		XA517	51											SPP											
14585		XA517	52											SPP											
14586		XA517	53											SPP											
14587		XA517	54											SPP											
14588		XA517	55											SPP											
14589		XA517	56											SPP											
14590		XA517	57											SPP											
14591		XA517	58											GND											
14592		XA517	59											SPP											
14593		XA517	60											SPP											
14594		XA517	61											SPP											
14595		XA517	62											SPP											
14596		XA517	63											SPP											
14597		XA517	64											SPP											
14598		XA517	65											SPP											
14599		XA517	66											SPP											
14600		XA517	67											GND											
14601		XA517	68											SPP											
14602		XA517	69											SPP											
14603		XA517	70											SPP											
14604		XA517	71											SPP											
14605		XA517	72											SPP											
14606		XA517	73											SPP											
14607		XA517	74											SPP											
CONNECTOR (XA517) CONTINUED ON THE NEXT PAGE ****																									

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DRAWING NUMBER 149304-880 UNIT ASSEMBLY NO. 149304 REV G INDEX XA517

UNIT ASSEMBLY CARD CAGE WIRED, MCU CONNECTOR FILE IDENT T39AMCMU DATE 09-02-82 PAGE 445

RECORD NUMBER	FROM PREFIX	FROM CONNECTOR	FROM PIN	FROM SHLD	TO PREFIX	TO CONNECTOR	TO PIN	TO SHLD	WIRE MULTI GROUP	WIRE CODE	WIRE COLOR	WIRE IDENT	SPEC INST MISC	SIGNAL	SEQ NO	EQUATION	TERM	FACTOR	CKT OR CHIP TYPE	GROUP	LOAD OR POWER PLANS	TEST POINTS AND	TEST POINTS OR	SIGNAL DESCRIPTION	ECO NO
14608		XA517	75											SPP											
14609		XA517	76											SPP											
14610		XA517	77											SPP											
14611		XA517	78											SPP											
14612		XA517	79											SPP											
14613		XA517	80											SPP											
14614		XA518	01			XA227	33			16B	9			MWB01A	08				SWW	Z1					
14615		XA518	02											GND	01				SWW						
14616		XA518	03											SPP	01				SWW						
14617		XA518	04			XA519	10			16B	9			MWB00A	02				SWW	Z1					
14618		XA518	05			XA519	01			16B	9			MWB03A	02				SWW	Z1					
14619		XA518	06			XA519	06			16B	9			MWW01B	09				SWW	Z1					
14620		XA518	07											SPP	01				SWW	Z2					
14621		XA518	08			XA519	08			16B	9			MWRE1B	11				SWW	Z1					
14622		XA518	09											SPP	01				SWW	Z4					
14623		XA518	10			XA519	04			16B	9			MWB02A	02				SWW	Z1					
14624		XA518	11											SPP	01				SWW						
14625		XA518	12											+5V	01				SWW						
14626		XA518	13	1		XA518	54	1		16B	9			MWWCS0	08				SWW	Z1					
14627		XA518	14											SXSS00	02				SWW	Z1					
14628		XA518	15			XA519	31			16B	9			SXSS01	01				SWW	Z1					
14629		XA518	16											GND	01				SWW						
14630		XA518	17											SXCA00	02				SWW	Z2					
14631		XA518	18			XA519	26			16B	9			MWA00A	02				SWW	Z2					
14632		XA518	19											SXSS02	02				SWW	Z1					
14633		XA518	20			XA519	20			16B	9			MWSE1B	11				SWW	Z2					
14634		XA518	21											SPP	01				SWW	Z1					
14635		XA518	22											SXCA01	02				SWW	Z2					
14636		XA518	23											SPP					SWW						
14637		XA518	24			XA519	24			16B	9			MWWI1B	01				SWW	Z2					
14638		XA518	25			XA519	34			16B	9			MWA01A	02				SWW	Z2					
14639		XA518	26			XA519	18			16B	9			MWA02A	02				SWW	Z2					
14640		XA518	27											SPP					SWW						
14641		XA518	28											+5V	01				SWW						
14642		XA518	29											SPP	01				SWW					KEYWAY	
14643		XA518	30											SPP	01				SWW					KEYWAY	
14644		XA518	31			XA519	15			16B	9			SXSS03	01				SWW	Z1					
14645		XA518	32											GND	01				SWW						
14646		XA518	33											SPP	01				SWW	Z3					
14647		XA518	34			XA519	25			16B	9			MWA03A	02				SWW	Z2					
14648		XA518	35			XA519	35			18D	2			+23VDC	02				SWW						
14649		XA518	36			XA519	36			16B	9			MWRCS0	09				SWW	Z2					
14650		XA518	37											SXCC03	02				SWW	Z2					
14651		XA518	38											SXCC02	02				SWW	Z2					
14652		XA518	39			XA522	39			16B	9			MWPB10	01				SWW						
14653		XA518	40											SXSS04	02				SWW	Z3					
14654		XA518	41			XA522	41			16B	9			MWPB20	01				SWW						
14655		XA518	42											SPP	01				SWW						

CONNECTOR XA518) CONTINUED ON THE NEXT PAGE ****

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RECORD NUMBER	FROM PREFIX	FROM CONNECTOR	FROM PIN	FROM SH FB	TO PREFIX	TO CONNECTOR	TO PIN	TO SH FB	WIRE MULTI GROUP	WIRE CODE	WIRE COLOR	WIRE IDENT	SPC INST MISC	SIGNAL	SEQ NO	EQUATION	TERM	FACTOR	CKT OR CHIP TYPE	GROUP	LOAD OR POWER PLANE	TEST POINTS AND	TEST POINTS OP	SIGNAL DESCRIPTION	ECO NO
14656		XA518	43			XA519	47			16B	9			MWB04A	02				SWW	Z3					
14657		XA518	44											GND	01				SWW						
14658		XA518	45			XA518	06			16B	9			MWW01B	08				SWW	Z3					
14659		XA518	46			XA519	52			16B	9			MWB05A	02				SWW	Z3					
14660		XA518	47			XA519	43			16B	9			MWB06A	02				SWW	Z3					
14661		XA518	48			XA518	08			16B	9			MWRE1B	10				SWW	Z3					
14662		XA518	49											SPP					SWW					KEYWAY	
14663		XA518	50											SPP	01				SWW					KEYWAY	
14664		XA518	51											SPP					SWW						
14665		XA518	52			XA519	46			16B	9			MWB07A	02				SWW	Z3					
14666		XA518	53											SPP					SWW						
14667		XA518	54	2		XA519	54	2		16B	9			MWWCS0	09				SWW	Z3					
14668		XA518	55											SPP					SWW						
14669		XA518	56			XA519	73			16B	9			SXSS05	01				SWW	Z3					
14670		XA518	57											SPP					SWW						
14671		XA518	58											GND	01				SWW						
14672		XA518	59											SPP					SWW						
14673		XA518	60											SXCA05	02				SWW	Z4					
14674		XA518	61											SPP					SWW						
14675		XA518	62											SXCA04	02				SWW	Z4					
14676		XA518	63											SPP	01				SWW						
14677		XA518	64			XA519	70			16B	9			MWA04A	02				SWW	Z4					
14678		XA518	65											SPP					SWW						
14679		XA518	66			XA518	20			16B	9			MWSE1B	10				SWW	Z4					
14680		XA518	67											GND					SWW						
14681		XA518	68			XA516	60			16B	9			MWWI1B	08				SWW	Z4					
14682		XA518	69											SPP	01				SWW						
14683		XA518	70			XA519	64			16B	9			MWA06A	02				SWW	Z4					
14684		XA518	71											SPP					SWW						
14685		XA518	72			XA519	74			16B	9			MWA05A	02				SWW	Z4					
14686		XA518	73			XA519	56			16B	9			SXSS07	01				SWW	Z3					
14687		XA518	74			XA519	72			16B	9			MWA07A	02				SWW	Z4					
14688		XA518	75											SXSS06	02				SWW	Z3					
14689		XA518	76			XA518	36			16B	9			MWRCS0	08				SWW	Z4					
14690		XA518	77			XA106	06			18D	2			+23VDC	33				SWW						
14691		XA518	78											SXCC06	02				SWW	Z4					
14692		XA518	79											SPP					SWW						
14693		XA518	80											SXCC07	02				SWW	Z4					
14694		XA519	01			XA522	05			16B	9			MWB03A	03				SWW	Z1					
14695		XA519	02											GND	01				SWW						
14696		XA519	03											SPP	01				SWW						
14697		XA519	04			XA522	10			16B	9			MWB02A	03				SWW	Z1					
14698		XA519	05			XA518	01			16B	9			MWB01A	07				SWW	Z1					
14699		XA519	06			XA520	06			16B	9			MWW01B	10				SWW	Z1					
14700		XA519	07											SPP	01				SWW						
14701		XA519	08			XA520	08			16B	9			MWRE1B	12				SWW	Z1					
14702		XA519	09											SPP	01				SWW	Z2					
14703		XA519	10			XA522	04			16B	9			MWB00A	03				SWW	Z1					
CONNECTOR XA519) CONTINUED ON THE NEXT PAGE ****																									

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DRAWING NUMBER 149304-880 UNIT ASSEMBLY NO. 149304 REV G INDEX XA519

UNIT ASSEMBLY CARD CAGE WIRED, MCU CONNECTOR FILE IDENT T39AMCMU DATE 09-02-82 PAGE 447

RECORD NUMBER	FROM				TO				WIRE					SIGNAL	SEQ NO	EQUATION	TERM	FACTOR	CKT OR CHIP TYPE	GROUP	LOAD OR POWER PLANE	TEST POINTS		SIGNAL DESCRIPTION	ECO NO
	PREFIX	CONNECTOR	PIN	SH FG	PREFIX	CONNECTOR	PIN	SH FG	MULTI GROUP	CODE	COLOR	IDENT	SPC INST MISC									AND	OR		
14704		XA519	11											SPP	01				SWW	Z1					
14705		XA519	12											+5V	01				SWW						
14706		XA519	13	2		XA518	13	2		16B	9			MWWCS0	07				SWW	Z1					
14707		XA519	14			XA518	19			16B	9			SXSS02	01				SWW	Z1					
14708		XA519	15											SXSS03	02				SWW	Z1					
14709		XA519	16											GND	01				SWW						
14710		XA519	17											SXCA02	02				SWW	Z2					
14711		XA519	18			XA522	26			16B	9			MWA02A	03				SWW	Z2					
14712		XA519	19			XA518	14			16B	9			SXSS00	01				SWW	Z1					
14713		XA519	20			XA520	20			16B	9			MWSE1B	12				SWW	Z2					
14714		XA519	21											SPP					SWW						
14715		XA519	22											SXCA03	02				SWW	Z2					
14716		XA519	23											SPP					SWW						
14717		XA519	24			XA520	24			16B	9			MWWI1B	02				SWW	Z2					
14718		XA519	25			XA522	34			16B	9			MWA03A	03				SWW	Z2					
14719		XA519	26			XA522	18			16B	9			MWA00A	03				SWW	Z2					
14720		XA519	27											SPP					SWW						
14721		XA519	28											+5V	01				SWW						
14722		XA519	29											SPP	01				SWW					KEYWAY	
14723		XA519	30											SPP	01				SWW					KEYWAY	
14724		XA519	31											SXSS01	02				SWW	Z1					
14725		XA519	32											GND	01				SWW						
14726		XA519	33											SPP	01				SWW	Z3					
14727		XA519	34			XA522	25			16B	9			MWA01A	03				SWW	Z2					
14728		XA519	35			XA520	35			18D	2			+23VDC	03				SWW						
14729		XA519	36			XA520	36			16B	9			MWRCS0	10				SWW	Z2					
14730		XA519	37											SXCC01	02				SWW	Z2					
14731		XA519	38											SXCC00	02				SWW	Z2					
14732		XA519	39			XA523	39			16B	9			MWPB30	01				SWW						
14733		XA519	40			XA518	75			16B	9			SXSS06	01				SWW	Z3					
14734		XA519	41			XA523	41			16B	9			MWPB40	01				SWW						
14735		XA519	42											SPP	01				SWW						
14736		XA519	43			XA522	47			16B	9			MWB06A	03				SWW	Z3					
14737		XA519	44											GND	01				SWW						
14738		XA519	45			XA518	45			16B	9			MWW01B	07				SWW	Z3					
14739		XA519	46			XA522	52			16B	9			MWB07A	03				SWW	Z3					
14740		XA519	47			XA522	43			16B	9			MWB04A	03				SWW	Z3					
14741		XA519	48			XA518	48			16B	9			MWRE1B	09				SWW	Z3					
14742		XA519	49											SPP					SWW					KEYWAY	
14743		XA519	50											SPP	01				SWW					KEYWAY	
14744		XA519	51											SPP	01				SWW	Z4					
14745		XA519	52			XA522	46			16B	9			MWB05A	03				SWW	Z3					
14746		XA519	53											SPP					SWW						
14747		XA519	54	1		XA520	54	1		16B	9			MWWCS0	10				SWW	Z3					
14748		XA519	55											SPP					SWW						
14749		XA519	56											SXSS07	02				SWW	Z3					
14750		XA519	57											SPP					SWW						
14751		XA519	58											GND	01				SWW						
14752		XA519	59											SPP					SWW						
14753		XA519	60											SXCA07	02				SWW	Z4					
CONNECTOR XA519) CONTINUED ON THE NEXT PAGE ****																									

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UNIT ASSEMBLY CARD CAGE WIRED, MCU CONNECTOR FILE IDENT T39AMCMU DATE 09-02-82 PAGE 448

RECORD NUMBER	FROM PREFIX	FROM CONNECTOR	FROM PIN	FROM SH FG	TO PREFIX	TO CONNECTOR	TO PIN	TO SH FG	WIRE MULTI GROUP	WIRE CODE	WIRE COLOR	WIRE IDENT	SPC INST WISE	SIGNAL	SEC NO	EQUATION	TERM	FACTOR	CKT OR CHIP TYPE	GROUP	LOAD CP POWER PLANE	TEST POINTS AND	TEST POINTS OR	SIGNAL DESCRIPTION	ECO NO
14754		XA519	61											SPP					SWW						
14755		XA519	62											SXCA06	02				SWW	Z4					
14756		XA519	63											SPP	01				SWW						
14757		XA519	64			XA522	70			16B	9			MWA06A	03				SWW	Z4					
14758		XA519	65											SPP					SWW						
14759		XA519	66			XA518	66			16B	9			MWSE1B	09				SWW	Z4					
14760		XA519	67											GND					SWW						
14761		XA519	68			XA518	68			16B	9			MWWI1B	07				SWW	Z4					
14762		XA519	69											SPP	01				SWW						
14763		XA519	70			XA522	64			16B	9			MWA04A	03				SWW	Z4					
14764		XA519	71											SPP					SWW						
14765		XA519	72			XA522	74			16B	9			MWA07A	03				SWW	Z4					
14766		XA519	73											SXSS05	02				SWW	Z3					
14767		XA519	74			XA522	72			16B	9			MWA05A	03				SWW	Z4					
14768		XA519	75			XA518	40			16B	9			SXSS04	01				SWW	Z3					
14769		XA519	76			XA518	76			16B	9			MWRCS0	07				SWW	Z4					
14770		XA519	77			XA518	77			18D	2			+23VDC	321				SWW						
14771		XA519	78											SXCC04	02				SWW	Z4					
14772		XA519	79											SPP					SWW						
14773		XA519	80											SXCC05	02				SWW	Z4					
14774		XA520	01			XA521	05			16B	9			MWB09A	02				SWW	Z1					
14775		XA520	02											GND	01				SWW						
14776		XA520	03											SPP	01				SWW	Z1					
14777		XA520	04			XA521	10			16B	9			MWB08A	02				SWW	Z1					
14778		XA520	05			XA521	01			16B	9			MWB11A	02				SWW	Z1					
14779		XA520	06			XA521	06			16B	9			MWW01B	11				SWW	Z1					
14780		XA520	07											SPP	01				SWW						
14781		XA520	08			XA521	08			16B	9			MWRE1B	13				SWW	Z1					
14782		XA520	09											SPP	01				SWW	Z2					
14783		XA520	10			XA521	04			16B	9			MWB10A	02				SWW	Z1					
14784		XA520	11											SPP					SWW						
14785		XA520	12											+5V	01				SWW						
14786		XA520	13	1		XA519	13	1		16B	9			MWWCS0	06				SWW	Z1					
14787		XA520	14											SXSS08	02				SWW	Z1					
14788		XA520	15			XA521	31			16B	9			SXSS09	01				SWW	Z1					
14789		XA520	16											GND	01				SWW						
14790		XA520	17											SXCA08	02				SWW	Z2					
14791		XA520	18			XA521	26			16B	9			MWA08A	02				SWW	Z2					
14792		XA520	19											SXSS10	02				SWW	Z1					
14793		XA520	20			XA521	20			16B	9			MWSE1B	13				SWW	Z2					
14794		XA520	21											SPP					SWW						
14795		XA520	22											SXCA09	02				SWW	Z2					
14796		XA520	23											SPP					SWW						
14797		XA520	24			XA521	24			16B	9			MWWI1B	03				SWW	Z2					
14798		XA520	25			XA521	34			16B	9			MWA09A	02				SWW	Z2					
14799		XA520	26			XA521	18			16B	9			MWA10A	02				SWW	Z2					
14800		XA520	27											SPP					SWW						
14801		XA520	28											+5V	01				SWW						
CONNECTOR XA520) CONTINUED ON THE NEXT PAGE ****																									

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DRAWING NUMBER 149304-880 UNIT ASSEMBLY NO. 149304 REV G INDEX XA520

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RECORD NUMBER	FROM PREFIX	FROM CONNECTOR	FROM PIN	FROM SH FG	TO PREFIX	TO CONNECTOR	TO PIN	TO SH FG	WIRE MULTI GROUP	WIRE CODE	WIRE COLOR	WIRE IDENT	SPEC INST MISC	SIGNAL	SEQ NO	EQUATION	TERM	FACTOR	CKT OR CHIP TYPE	GROUP	LOAD OR POWER PLANE	TEST POINTS AND	TEST POINTS OR	SIGNAL DESCRIPTION	ECO NO
14802		XA520	29											SPP	01				SWW					KEYWAY	
14803		XA520	30											SPP	01				SWW					KEYWAY	
14804		XA520	31			XA521	15			16B	9			SXSS11	01				SWW	Z1					
14805		XA520	32											GND	01				SWW						
14806		XA520	33											SPP	01				SWW	Z3					
14807		XA520	34			XA521	25			16B	9			MWA11A	02				SWW	Z2					
14808		XA520	35			XA521	35			18D	2			+23VDC	04				SWW						
14809		XA520	36			XA521	36			16B	9			MWRCS0	11				SWW	Z2					
14810		XA520	37											SXCC11	02				SWW	Z2					
14811		XA520	38											SXCC10	02				SWW	Z2					
14812		XA520	39			XA524	39			16B	9			MWPB50	01				SWW						
14813		XA520	40											SXSS12	02				SWW	Z3					
14814		XA520	41			XA524	41			16B	9			MWPB60	01				SWW						
14815		XA520	42											SPP	01				SWW						
14816		XA520	43			XA521	47			16B	9			MWB12A	02				SWW	Z3					
14817		XA520	44											GND	01				SWW						
14818		XA520	45			XA519	45			16B	9			MWW01B	06				SWW	Z3					
14819		XA520	46			XA521	52			16B	9			MWB13A	02				SWW	Z3					
14820		XA520	47			XA521	43			16B	9			MWB14A	02				SWW	Z3					
14821		XA520	48			XA519	48			16B	9			MWRE1B	08				SWW	Z3					
14822		XA520	49											SPP	01				SWW	Z4				KEYWAY	
14823		XA520	50											SPP	01				SWW					KEYWAY	
14824		XA520	51											SPP	01				SWW						
14825		XA520	52			XA521	46			16B	9			MWB15A	02				SWW	Z3					
14826		XA520	53											SPP					SWW						
14827		XA520	54	2		XA521	54	2		16B	9			MWWCS0	11				SWW	Z3					
14828		XA520	55											SPP					SWW						
14829		XA520	56			XA521	73			16B	9			SXSS13	01				SWW	Z3					
14830		XA520	57											SPP					SWW						
14831		XA520	58											GND	01				SWW						
14832		XA520	59											SPP					SWW						
14833		XA520	60											SXCA13	02				SWW	Z4					
14834		XA520	61											SPP					SWW						
14835		XA520	62											SXCA12	02				SWW	Z4					
14836		XA520	63											SPP	01				SWW						
14837		XA520	64			XA521	70			16B	9			MWA12A	02				SWW	Z4					
14838		XA520	65											SPP					SWW						
14839		XA520	66			XA519	66			16B	9			MWSE1B	08				SWW	Z4					
14840		XA520	67											GND					SWW						
14841		XA520	68			XA519	68			16B	9			MWWI1B	06				SWW	Z4					
14842		XA520	69											SPP					SWW						
14843		XA520	70			XA521	64			16B	9			MWA14A	02				SWW	Z4					
14844		XA520	71											SPP					SWW						
14845		XA520	72			XA521	74			16B	9			MWA13A	02				SWW	Z4					
14846		XA520	73			XA521	56			16B	9			SXSS15	01				SWW	Z3					
14847		XA520	74			XA521	72			16B	9			MWA15A	02				SWW	Z4					
14848		XA520	75											SXSS14	02				SWW	Z3					
14849		XA520	76			XA519	76			16B	9			MWRCS0	06				SWW	Z4					
14850		XA520	77			XA519	77			18D	2			+23VDC	32				SWW						
14851		XA520	78											SXCC14	02				SWW	Z4					
CONNECTOR (XA520) CONTINUED ON THE NEXT PAGE ****																									

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UNIT ASSEMBLY CARD CAGE WIRED, MCU CONNECTOR FILE IDENT T39AMCMU DATE 09-02-82 PAGE 450

RECORD NUMBER	FROM PREFIX	FROM CONNECTOR	FROM PIN	FROM SH FG	TO PREFIX	TO CONNECTOR	TO PIN	TO SH FG	WIRE MULTI GROUP	WIRE CODE	WIRE COLOR	WIRE IDENT	SPC INST MISC	SIGNAL	SEQ NO	EQUATION	TERM	FACTOR	CKT OR CHIP TYPE	GROUP	LOAD OR POWER PLANE	TEST POINTS AND	TEST POINTS OP	SIGNAL DESCRIPTION	ECO NO
14852		XA520	79											SPP					SWW						
14853		XA520	80											SXCC15	02				SWW	Z4					
14854		XA521	01			XA524	05			16B	9			MWB11A	03				SWW	Z1					
14855		XA521	02											GND	01				SWW						
14856		XA521	03											SPP	01				SWW	Z1					
14857		XA521	04			XA524	10			16B	9			MWB10A	03				SWW	Z1					
14858		XA521	05			XA524	01			16B	9			MWB09A	03				SWW	Z1					
14859		XA521	06											MWW01B	12				SWW	Z1					
14860		XA521	07											SPP	01				SWW						
14861		XA521	08			XA542	06			16B	9			MWRE1B	14				SWW	Z1					
14862		XA521	09											SPP	01				SWW	Z2					
14863		XA521	10			XA524	04			16B	9			MWB08A	03				SWW	Z1					
14864		XA521	11											SPP					SWW						
14865		XA521	12											+5V	01				SWW						
14866		XA521	13	2		XA520	13	2		16B	9			MWWCS0	05				SWW	Z1					
14867		XA521	14			XA520	19			16B	9			SXSS10	01				SWW	Z1					
14868		XA521	15											SXSS11	02				SWW	Z1					
14869		XA521	16											GND	01				SWW						
14870		XA521	17											SXCA10	02				SWW	Z2					
14871		XA521	18			XA524	26			16B	9			MWA10A	03				SWW	Z2					
14872		XA521	19			XA520	14			16B	9			SXSS08	01				SWW	Z1					
14873		XA521	20			XA542	15			16B	9			MWSE1B	14				SWW	Z2					
14874		XA521	21											SPP					SWW						
14875		XA521	22											SXCA11	02				SWW	Z2					
14876		XA521	23											SPP					SWW						
14877		XA521	24			XA521	68			16B	9			MWWI1B	04				SWW	Z2					
14878		XA521	25			XA524	34			16B	9			MWA11A	03				SWW	Z2					
14879		XA521	26			XA524	18			16B	9			MWA08A	03				SWW	Z2					
14880		XA521	27											SPP					SWW						
14881		XA521	28											+5V	01				SWW						
14882		XA521	29											SPP	01				SWW					KEYWAY	
14883		XA521	30											SPP	01				SWW					KEYWAY	
14884		XA521	31											SXSS09	02				SWW	Z1					
14885		XA521	32											GND	01				SWW						
14886		XA521	33											SPP	01				SWW	Z3					
14887		XA521	34			XA524	25			16B	9			MWA09A	03				SWW	Z2					
14888		XA521	35			XA522	35			18D	2			+23VDC	05				SWW						
14889		XA521	36			XA522	36			16B	9			MWRCS0	12				SWW	Z2					
14890		XA521	37											SXCC09	02				SWW	Z2					
14891		XA521	38											SXCC08	02				SWW	Z2					
14892		XA521	39			XA525	39			16B	9			MWP870	01				SWW						
14893		XA521	40			XA520	75			16B	9			SXSS14	01				SWW	Z3					
14894		XA521	41			XA525	41			168	9			MWPB80	01				SWW						
14895		XA521	42											SPP	01				SWW						
14896		XA521	43			XA524	47			16B	9			MWB14A	03				SWW	Z3					
14897		XA521	44											GND	01				SWW						
14898		XA521	45			XA520	45			16B	9			MWW01B	05				SWW	Z3					
14899		XA521	46			XA524	52			16B	9			MWB15A	03				SWW	Z3					
CONNECTOR XA521) CONTINUED ON THE NEXT PAGE ****																									

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RECORD NUMBER	FROM PREFIX	FROM CONNECTOR	FROM PIN	FROM SH FG	TO PREFIX	TO CONNECTOR	TO PIN	TO SH FG	WIRE MULTI GROUP	WIRE CODE	WIRE COLOR	WIRE IDENT	SPEC INST MISC	SIGNAL	SEQ NO	EQUATION	TERM	FACTOR	CKT OR CHIP TYPE	GROUP	LOAD OR POWER PLANE	TEST POINTS AND	TEST POINTS OR	SIGNAL DESCRIPTION	ECO NO
14900		XA521	47			XA524	43			16B	9			MWB12A	03				SWW	Z3					
14901		XA521	48			XA520	48			16B	9			MWRE1B	07				SWW	Z3					
14902		XA521	49											SPP	01				SWW					KEYWAY	
14903		XA521	50											SPP	01				SWW					KEYWAY	
14904		XA521	51											SPP	01				SWW	Z4					
14905		XA521	52			XA524	46			16B	9			MWB13A	03				SWW	Z3					
14906		XA521	53											SPP					SWW						
14907		XA521	54	1		XA522	54	1		16B	9			MWWCS0	12				SWW	Z3					
14908		XA521	55											SPP					SWW						
14909		XA521	56											SXSS15	02				SWW	Z3					
14910		XA521	57											SPP					SWW						
14911		XA521	58											GND	01				SWW						
14912		XA521	59											SPP					SWW						
14913		XA521	60											SXCA15	02				SWW	Z4					
14914		XA521	61											SPP					SWW						
14915		XA521	62											SXCA14	02				SWW	Z4					
14916		XA521	63											SPP	01				SWW						
14917		XA521	64			XA524	70			16B	9			MWA14A	03				SWW	Z4					
14918		XA521	65											SPP					SWW						
14919		XA521	66			XA520	66			16B	9			MWSE1B	07				SWW	Z4					
14920		XA521	67											GND					SWW						
14921		XA521	68			XA520	68			16B	9			MWWI1B	05				SWW	Z4					
14922		XA521	69											SPP					SWW						
14923		XA521	70			XA524	64			16B	9			MWA12A	03				SWW	Z4					
14924		XA521	71											SPP					SWW						
14925		XA521	72			XA524	74			16B	9			MWA15A	03				SWW	Z4					
14926		XA521	73											SXSS13	02				SWW	Z3					
14927		XA521	74			XA524	72			16B	9			MWA13A	03				SWW	Z4					
14928		XA521	75			XA520	40			16B	9			SXSS12	01				SWW	Z3					
14929		XA521	76			XA520	76			16B	9			MWRCS0	05				SWW	Z4					
14930		XA521	77			XA520	77			18D	2			+23VDC	31				SWW						
14931		XA521	78											SXCC12	02				SWW	Z4					
14932		XA521	79											SPP					SWW						
14933		XA521	80											SXCC13	02				SWW	Z4					
14934		XA522	01			XA519	05			16B	9			MWB01A	06				SWW	Z1					
14935		XA522	02											GND	01				SWW						
14936		XA522	03											SPP	01				SWW	Z1					
14937		XA522	04			XA523	10			16B	9			MWB00A	04				SWW	Z1					
14938		XA522	05			XA523	01			16B	9			MWB03A	04				SWW	Z1					
14939		XA522	06			XA523	06			16B	9			MWW02B	09				SWW	Z1					
14940		XA522	07											SPP	01				SWW						
14941		XA522	08			XA523	08			16B	9			MWRE2B	11				SWW	Z1					
14942		XA522	09											SPP	01				SWW	Z2					
14943		XA522	10			XA523	04			16B	9			MWB02A	04				SWW	Z1					
14944		XA522	11											SPP					SWW						
14945		XA522	12											+5V	01				SWW						
14946		XA522	13	1		XA521	13	1		16B	9			MWWCS0	04				SWW	Z1					
14947		XA522	14											SXSS16	02				SWW	Z1					
CONNECTOR XA522 CONTINUED ON THE NEXT PAGE ****																									

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RECORD NUMBER	FROM PREFIX	FROM CONNECTOR	FROM PIN	FROM SH FG	TO PREFIX	TO CONNECTOR	TO PIN	TO SH FG	WIRE MULTI GROUP	WIRE CODE	WIRE COLOR	WIRE IDENT	SPEC INST MISC	SIGNAL	SEC NO	EQUATION	TERM	FACTOR	CKT OR CHIP TYPE	GROUP	LOAD OF POWER PLANE	TEST POINTS AND	TEST POINTS OR	SIGNAL DESCRIPTION	ECO NO
14948		XA522	15			XA523	31			16B	9			SXSS17	01				SWW	Z1					
14949		XA522	16											GND	01				SWW						
14950		XA522	17											SXCA16	02				SWW	Z2					
14951		XA522	18			XA523	26			16B	9			MWA00A	04				SWW	Z2					
14952		XA522	19											SXSS18	02				SWW	Z1					
14953		XA522	20			XA523	20			16B	9			MWSE2B	11				SWW	Z2					
14954		XA522	21											SPP					SWW						
14955		XA522	22											SXCA17	02				SWW	Z2					
14956		XA522	23											SPP					SWW						
14957		XA522	24			XA523	24			16B	9			MWWI2B	01				SWW	Z2					
14958		XA522	25			XA523	34			16B	9			MWA01A	04				SWW	Z2					
14959		XA522	26			XA523	18			16B	9			MWA02A	04				SWW	Z2					
14960		XA522	27											SPP					SWW						
14961		XA522	28											+5V	01				SWW						
14962		XA522	29											SPP	01				SWW					KEYWAY	
14963		XA522	30											SPP	01				SWW					KEYWAY	
14964		XA522	31			XA523	15			16B	9			SXSS19	01				SWW	Z1					
14965		XA522	32											GND	01				SWW						
14966		XA522	33											SPP	01				SWW	Z3					
14967		XA522	34			XA523	25			16B	9			MWA03A	04				SWW	Z2					
14968		XA522	35			XA523	35			18D	2			+23VDC	06				SWW						
14969		XA522	36			XA523	36			16B	9			MWRCS0	13				SWW	Z2					
14970		XA522	37											SXCC19	02				SWW	Z2					
14971		XA522	38											SXCC18	02				SWW	Z2					
14972		XA522	39			XA531	26			16B	9			MWPB10	02				SWW						
14973		XA522	40											SXSS20	02				SWW	Z3					
14974		XA522	41			XA531	30			16B	9			MWPB20	02				SWW						
14975		XA522	42											SPP	01				SWW						
14976		XA522	43			XA523	47			16B	9			MWB04A	04				SWW	Z3					
14977		XA522	44											GND	01				SWW						
14978		XA522	45			XA522	06			16B	9			MWWO2B	08				SWW	Z3					
14979		XA522	46			XA523	52			16B	9			MWB05A	04				SWW	Z3					
14980		XA522	47			XA523	43			16B	9			MWB06A	04				SWW	Z3					
14981		XA522	48			XA522	08			16B	9			MWRE2B	10				SWW	Z3					
14982		XA522	49											SPP	01				SWW					KEYWAY	
14983		XA522	50											SPP	01				SWW					KEYWAY	
14984		XA522	51											SPP	01				SWW	Z4					
14985		XA522	52			XA523	46			16B	9			MWB07A	04				SWW	Z3					
14986		XA522	53											SPP					SWW						
14987		XA522	54	2		XA523	54	2		16B	9			MWWCS0	13				SWW	Z3					
14988		XA522	55											SPP					SWW						
14989		XA522	56			XA523	73			16B	9			SXSS21	01				SWW	Z3					
14990		XA522	57											SPP					SWW						
14991		XA522	58											GND	01				SWW						
14992		XA522	59											SPP					SWW						
14993		XA522	60											SXCA21	02				SWW	Z4					
14994		XA522	61											SPP					SWW						
14995		XA522	62											SXCA20	02				SWW	Z4					
14996		XA522	63											SPP	01				SWW						
14997		XA522	64			XA523	70			16B	9			MWA04A	04				SWW	Z4					
CONNECTOR XA522) CONTINUED ON THE NEXT PAGE ****																									

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UNIT ASSEMBLY CARD CAGE WIRED, MCU CONNECTOR FILE IDENT T39AMCMU DATE 09-02-82 PAGE 453

RECORD NUMBER	FROM PREFIX	FROM CONNECTOR	FROM PIN	FROM SH FG	TO PREFIX	TO CONNECTOR	TO PIN	TO SH FG	WIRE MULTI GROUP	WIRE CODE	WIRE COLOR	WIRE IDENT	SPC INST MISC	SIGNAL	SEQ NO	EQUATION	TERM	FACTOR	CKT OR CHIP TYPE	GROUP	LOAD OR POWER PLANE	TEST POINTS AND	TEST POINTS OR	SIGNAL DESCRIPTION	ECO NO
14998		XA522	65											SPP					SWW						
14999		XA522	66			XA522	20			16B	9			MWSE2B	10				SWW	Z4					
15000		XA522	67											GND					SWW						
15001		XA522	68			XA516	57			16B	9			MWWI2B	08				SWW	Z4					
15002		XA522	69											SPP					SWW						
15003		XA522	70			XA523	64			16B	9			MWA06A	04				SWW	Z4					
15004		XA522	71											SPP					SWW						
15005		XA522	72			XA523	74			16B	9			MWA05A	04				SWW	Z4					
15006		XA522	73			XA523	56			16B	9			SXSS23	01				SWW	Z3					
15007		XA522	74			XA523	72			16B	9			MWA07A	04				SWW	Z4					
15008		XA522	75											SXSS22	02				SWW	Z3					
15009		XA522	76			XA521	76			16B	9			MWRCS0	04				SWW	Z4					
15010		XA522	77			XA521	77			18D	2			+23VDC	30				SWW						
15011		XA522	78											SXCC22	02				SWW	Z4					
15012		XA522	79											SPP					SWW						
15013		XA522	80											SXCC23	02				SWW	Z4					
15014		XA523	01			XA534	05			16B	9			MWB03A	05				SWW	Z1					
15015		XA523	02											GND	01				SWW						
15016		XA523	03											SPP	01				SWW	Z1					
15017		XA523	04			XA534	10			16B	9			MWB02A	05				SWW	Z1					
15018		XA523	05			XA522	01			16B	9			MWB01A	05				SWW	Z1					
15019		XA523	06			XA524	06			16B	9			MWW02B	10				SWW	Z1					
15020		XA523	07											SPP	01				SWW						
15021		XA523	08			XA524	08			16B	9			MWRE2B	12				SWW	Z1					
15022		XA523	09											SPP	01				SWW	Z2					
15023		XA523	10			XA534	04			16B	9			MWB00A	05				SWW	Z1					
15024		XA523	11											SPP					SWW						
15025		XA523	12											+5V	01				SWW						
15026		XA523	13	2		XA522	13	2		16B	9			MWWCS0	03				SWW	Z1					
15027		XA523	14			XA522	19			16B	9			SXSS18	01				SWW	Z1					
15028		XA523	15											SXSS19	02				SWW	Z1					
15029		XA523	16											GND	01				SWW						
15030		XA523	17											SXCA18	02				SWW	Z2					
15031		XA523	18			XA534	26			16B	9			MWA02A	05				SWW	Z2					
15032		XA523	19			XA522	14			16B	9			SXSS16	01				SWW	Z1					
15033		XA523	20			XA524	20			16B	9			MWSE2B	12				SWW	Z2					
15034		XA523	21											SPP					SWW						
15035		XA523	22											SXCA19	02				SWW	Z2					
15036		XA523	23											SPP					SWW						
15037		XA523	24			XA524	24			16B	9			MWWI2B	02				SWW	Z2					
15038		XA523	25			XA534	34			16B	9			MWA03A	05				SWW	Z2					
15039		XA523	26			XA534	18			16B	9			MWA00A	05				SWW	Z2					
15040		XA523	27											SPP					SWW						
15041		XA523	28											+5V	01				SWW						
15042		XA523	29											SPP	01				SWW					KEYWAY	
15043		XA523	30											SPP	01				SWW					KEYWAY	
15044		XA523	31											SXSS17	02				SWW	Z1					
15045		XA523	32											GND	01				SWW						
CONNECTOR XA523) CONTINUED ON THE NEXT PAGE ****																									

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DRAWING NUMBER 149304-880 UNIT ASSEMBLY NO. 149304 REV G INDEX XA523

UNIT ASSEMBLY CARD CAGE WIRED, MCU CONNECTOR FILE IDENT T39AMCMU DATE 09-02-82 PAGE 454

RECORD NUMBER	FROM				TO				WIRE				SPC INST MISC	SIGNAL	SEQ NO	EQUATION	TERM	FACTOR	CKT OR CHIP TYPE	GROUP	LOAD OF POWER PLANE	TEST POINTS AND OR	SIGNAL DESCRIPTION	ECO NO
	PREFIX	CONNECTOR	PIN	SH FG	PREFIX	CONNECTOR	PIN	SH FG	MULTI GROUP	CODE	COLOR	IDENT												
15046		XA523	33											SPP	01				SWW	Z3				
15047		XA523	34			XA534	25			16B	9			MWA01A	05				SWW	Z2				
15048		XA523	35			XA524	35			1BD	2			+23VDC	07				SWW					
15049		XA523	36			XA524	36			16B	9			MWRCS0	14				SWW	Z2				
15050		XA523	37											SXCC17	02				SWW	Z2				
15051		XA523	38											SXCC16	02				SWW	Z2				
15052		XA523	39			XA531	42			16B	9			MWPB30	02				SWW					
15053		XA523	40			XA522	75			16B	9			SXSS22	01				SWW	Z3				
15054		XA523	41			XA531	46			16B	9			MWPB40	02				SWW					
15055		XA523	42											SPP	01				SWW					
15056		XA523	43			XA534	47			16B	9			MWB06A	05				SWW	Z3				
15057		XA523	44											GND	01				SWW					
15058		XA523	45			XA522	45			16B	9			MWW02B	07				SWW	Z3				
15059		XA523	46			XA534	52			16B	9			MWB07A	05				SWW	Z3				
15060		XA523	47			XA534	43			16B	9			MWB04A	05				SWW	Z3				
15061		XA523	48			XA522	48			16B	9			MWRE2B	09				SWW	Z3				
15062		XA523	49											SPP	01				SWW				KEYWAY	
15063		XA523	50											SPP	01				SWW				KEYWAY	
15064		XA523	51											SPP	01				SWW	Z4				
15065		XA523	52			XA534	46			16B	9			MWB05A	05				SWW	Z3				
15066		XA523	53											SPP					SWW					
15067		XA523	54			XA524	54			16B	9			MWMCS0	14				SWW	Z3				
15068		XA523	55											SPP					SWW					
15069		XA523	56											SXSS23	02				SWW	Z3				
15070		XA523	57											SPP					SWW					
15071		XA523	58											GND	01				SWW					
15072		XA523	59											SPP					SWW					
15073		XA523	60											SXCA23	02				SWW	Z4				
15074		XA523	61											SPP					SWW					
15075		XA523	62											SXCA22	02				SWW	Z4				
15076		XA523	63											SPP	01				SWW					
15077		XA523	64			XA534	70			16B	9			MWA06A	05				SWW	Z4				
15078		XA523	65											SPP					SWW					
15079		XA523	66			XA522	66			16B	9			MWSE2B	09				SWW	Z4				
15080		XA523	67											GND					SWW					
15081		XA523	68			XA522	68			16B	9			MWWI2B	07				SWW	Z4				
15082		XA523	69											SPP					SWW					
15083		XA523	70			XA534	64			16B	9			MWA04A	05				SWW	Z4				
15084		XA523	71											SPP					SWW					
15085		XA523	72			XA534	74			16B	9			MWA07A	05				SWW	Z4				
15086		XA523	73											SXSS21	02				SWW	Z3				
15087		XA523	74			XA534	72			16B	9			MWA05A	05				SWW	Z4				
15088		XA523	75			XA522	40			16B	9			SXSS20	01				SWW	Z3				
15089		XA523	76			XA522	76			16B	9			MWRCS0	03				SWW	Z4				
15090		XA523	77			XA522	77			1BD	2			+23VDC	29				SWW					
15091		XA523	78											SXCC20	02				SWW	Z4				
15092		XA523	79											SPP					SWW					
15093		XA523	80											SXCC21	02				SWW	Z4				

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DRAWING NUMBER 149304-880 UNIT ASSEMBLY NO. 149304 REV G INDEX XA524

UNIT ASSEMBLY CARD CAGE WIRED, MCU CONNECTOR FILE IDENT T39AMCMU DATE 09-02-82 PAGE 455

RECORD NUMBER	FROM			SHIELD	TO			SHIELD	WIRE				SPECIAL INSTRUCTIONS MISC	SIGNAL	SEQ NO	EQUATION	TERM	FACTOR	CKT OR CHIP TYPE	GROUP	LOAD OR POWER PLANE	TEST POINTS		SIGNAL DESCRIPTION	ECO NO
	PREFIX	CONNECTOR	PIN		PREFIX	CONNECTOR	PIN		MULTI GROUP	CODE	COLOR	IDENT										AND	OR		
15094		XA524	01			XA525	05			16B	9			MWB09A	04				SWW						
15095		XA524	02											GND	01				SWW						
15096		XA524	03											SPP	01				SWW						
15097		XA524	04			XA525	10			16B	9			MWB08A	04				SWW						
15098		XA524	05			XA525	01			16B	9			MWB11A	04				SWW						
15099		XA524	06			XA525	06			16B	9			MWW02B	11				SWW						
15100		XA524	07											SPP	01				SWW						
15101		XA524	08			XA525	08			16B	9			MWRE2B	13				SWW						
15102		XA524	09											SPP	01				SWW						
15103		XA524	10			XA525	04			16B	9			MWB10A	04				SWW						
15104		XA524	11											SPP	01				SWW						
15105		XA524	12											+5V	01				SWW						
15106		XA524	13	1		XA523	13	1		16B	9			MWWCS0	02				SWW						
15107		XA524	14											SXSS24	02				SWW						
15108		XA524	15											SXSS25	02				SWW						
15109		XA524	16											GND	01				SWW						
15110		XA524	17											SXCA24	02				SWW						
15111		XA524	18			XA525	26			16B	9			MWA08A	04				SWW						
15112		XA524	19											SXSS26	02				SWW						
15113		XA524	20			XA525	20			16B	9			MWSE2B	13				SWW						
15114		XA524	21											SPP	01				SWW						
15115		XA524	22											SXCA25	02				SWW						
15116		XA524	23											SPP	01				SWW						
15117		XA524	24			XA525	24			16B	9			MWWI2B	03				SWW						
15118		XA524	25			XA525	34			16B	9			MWA09A	04				SWW						
15119		XA524	26			XA525	18			16B	9			MWA10A	04				SWW						
15120		XA524	27											SPP	01				SWW						
15121		XA524	28											+5V	01				SWW						
15122		XA524	29											SPP	01				SWW					KEYWAY	
15123		XA524	30											SPP	01				SWW					KEYWAY	
15124		XA524	31											SXSS27	02				SWW						
15125		XA524	32											GND	01				SWW						
15126		XA524	33											SPP	01				SWW						
15127		XA524	34			XA525	25			16B	9			MWA11A	04				SWW						
15128		XA524	35			XA525	35			18D	2			+23VDC	08				SWW						
15129		XA524	36			XA525	36			16B	9			MWRCS0	15				SWW						
15130		XA524	37											SXCC27	02				SWW						
15131		XA524	38											SXCC26	02				SWW						
15132		XA524	39			XA531	60			16B	9			MWPB50	02				SWW						
15133		XA524	40											SXSS28	02				SWW						
15134		XA524	41			XA531	62			16B	9			MWPB60	02				SWW						
15135		XA524	42											SPP	01				SWW						
15136		XA524	43			XA525	47			16B	9			MWB12A	04				SWW						
15137		XA524	44											GND	01				SWW						
15138		XA524	45			XA523	45			16B	9			MWW02B	06				SWW						
15139		XA524	46			XA525	52			16B	9			MWB13A	04				SWW						
15140		XA524	47			XA525	43			16B	9			MWB14A	04				SWW						
15141		XA524	48			XA523	48			16B	9			MWRE2B	08				SWW						
15142		XA524	49											SPP	01				SWW					KEYWAY	
15143		XA524	50											SPP	01				SWW					KEYWAY	
CONNECTOR	XA524	) CONTINUED ON			THE NEXT PAGE		****																		

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UNIT ASSEMBLY CARD CAGE WIRED, MCU CONNECTOR FILE IDENT T39AMCMU DATE 09-02-82 PAGE 456

RECORD NUMBER	FROM			SHEET	TO			SHEET	WIRE				SPEC INST MISC	SIGNAL	SEC NO	EQUATION	TERM	FACTOR	CKT OR CHIP TYPE	GROUP	LOAD CP POWER PLANE	TEST POINTS		SIGNAL DESCRIPTION	ECO NO
	PREFIX	CONNECTOR	PIN		PREFIX	CONNECTOR	PIN		MULTI GROUP	CODE	COLOR	IDENT										AND	OR		
15144		XA524	51											SPP	01				SWW						
15145		XA524	52			XA525	46			16B	9			MWB15A	04				SWW						
15146		XA524	53											SPP	01				SWW						
15147		XA524	54	2		XA525	54	2		16B	9			MWWCS0	15				SWW						
15148		XA524	55											SPP	01				SWW						
15149		XA524	56											SXSS29	02				SWW						
15150		XA524	57											SPP	01				SWW						
15151		XA524	58											GND	01				SWW						
15152		XA524	59											SPP	01				SWW						
15153		XA524	60											SXCA29	02				SWW						
15154		XA524	61											SPP	01				SWW						
15155		XA524	62											SXCA28	02				SWW						
15156		XA524	63											SPP	01				SWW						
15157		XA524	64			XA525	70			16B	9			MWA12A	04				SWW						
15158		XA524	65											SPP	01				SWW						
15159		XA524	66			XA523	66			16B	9			MWSE2B	08				SWW						
15160		XA524	67											GND	01				SWW						
15161		XA524	68			XA523	68			16B	9			MWWI2B	06				SWW						
15162		XA524	69											SPP	01				SWW						
15163		XA524	70			XA525	64			16B	9			MWA14A	04				SWW						
15164		XA524	71											SPP	01				SWW						
15165		XA524	72			XA525	74			16B	9			MWA13A	04				SWW						
15166		XA524	73											SXSS31	02				SWW						
15167		XA524	74			XA525	72			16B	9			MWA15A	04				SWW						
15168		XA524	75											SXSS30	02				SWW						
15169		XA524	76	2		XA523	76	2		16B	9			MWRCS0	02				SWW						
15170		XA524	77			XA523	77			1BD	2			+23VDC	28				SWW						
15171		XA524	78											SXCC30	02				SWW						
15172		XA524	79											SPP	01				SWW						
15173		XA524	80											SXCC31	02				SWW						
15174		XA525	01			XA536	05			16B	9			MWB11A	05				SWW						
15175		XA525	02											GND	01				SWW						
15176		XA525	03											SPP	01				SWW						
15177		XA525	04			XA536	10			16B	9			MWB10A	05				SWW						
15178		XA525	05			XA536	01			16B	9			MWB09A	05				SWW						
15179		XA525	06											MWWO2B	12				SWW						
15180		XA525	07											SPP	01				SWW						
15181		XA525	08			XA542	22			16B	9			MWRE2B	14				SWW						
15182		XA525	09											SPP	01				SWW						
15183		XA525	10			XA536	04			16B	9			MWB08A	05				SWW						
15184		XA525	11											SPP	01				SWW						
15185		XA525	12											+5V	01				SWW						
15186		XA525	13	2		XA524	13	2		16B	9			MWWCS0	01				SWW						
15187		XA525	14			XA524	19			16B	9			SXSS26	01				SWW						
15188		XA525	15			XA524	31			16B	9			SXSS27	01				SWW						
15189		XA525	16											GND	01				SWW						
15190		XA525	17											SXCA26	02				SWW						
15191		XA525	18			XA536	26			16B	9			MWA10A	05				SWW						
CONNECTOR	XA525	CONTINUED ON THE NEXT PAGE ****																							

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UNIT ASSEMBLY CARD CAGE WIRED, MCU CONNECTOR FILE IDENT T39AMCMU DATE 09-02-82 PAGE 457

RECORD NUMBER	FROM PREFIX	FROM CONNECTOR	FROM PIN	FROM SPLICE	TO PREFIX	TO CONNECTOR	TO PIN	TO SPLICE	WIRE MULTI GROUP	WIRE CODE	WIRE COLOR	WIRE IDENT	WIRE SPEC NOT MISC	SIGNAL	SEQ NO	EQUATION	TERM FACTOR	CKT OR CHIP TYPE	GROUP	LOAD OR POWER FLAGS	TEST POINTS AND	TEST POINTS OR	SIGNAL DESCRIPTION	ECO NO
15192		XA525	19			XA524	14			16B	9			SXSS24	01			SWW						
15193		XA525	20			XA542	21			16B	9			MWSE2B	14			SWW						
15194		XA525	21											SPP	01			SWW						
15195		XA525	22											SXCA27	02			SWW						
15196		XA525	23											SPP	01			SWW						
15197		XA525	24			XA525	68			16B	9			MWWI2B	04			SWW						
15198		XA525	25			XA536	34			16B	9			MWA11A	05			SWW						
15199		XA525	26			XA536	18			16B	9			MWA08A	05			SWW						
15200		XA525	27											SPP	01			SWW						
15201		XA525	28											+5V	01			SWW						
15202		XA525	29											SPP	01			SWW					KEYWAY	
15203		XA525	30											SPP	01			SWW					KEYWAY	
15204		XA525	31			XA524	15			16B	9			SXSS25	01			SWW						
15205		XA525	32											GND	01			SWW						
15206		XA525	33											SPP	01			SWW						
15207		XA525	34			XA536	25			16B	9			MWA09A	05			SWW						
15208		XA525	35			XA529	01			1BD	2			+23VDC	09			SWW						
15209		XA525	36			XA527	19			16B	9			MWRCS0	16			SWW						
15210		XA525	37											SXCC25	02			SWW						
15211		XA525	38											SXCC24	02			SWW						
15212		XA525	39			XA531	74			16B	9			MWPB70	02			SWW						
15213		XA525	40			XA524	75			16B	9			SXSS30	01			SWW						
15214		XA525	41			XA531	76			16B	9			MWPB80	02			SWW						
15215		XA525	42											SPP	01			SWW						
15216		XA525	43			XA536	47			16B	9			MWB14A	05			SWW						
15217		XA525	44											GND	01			SWW						
15218		XA525	45			XA524	45			16B	9			MWWO2B	05			SWW						
15219		XA525	46			XA536	52			16B	9			MWB15A	05			SWW						
15220		XA525	47			XA536	43			16B	9			MWB12A	05			SWW						
15221		XA525	48			XA524	48			16B	9			MWRE2B	07			SWW						
15222		XA525	49											SPP	01			SWW					KEYWAY	
15223		XA525	50											SPP	01			SWW					KEYWAY	
15224		XA525	51											SPP	01			SWW						
15225		XA525	52			XA536	46			16B	9			MWB13A	05			SWW						
15226		XA525	53											SPP	01			SWW						
15227		XA525	54	1		XA533	80	1		16B	9			MWWCS0	16			SWW						
15228		XA525	55											SPP	01			SWW						
15229		XA525	56			XA524	73			16B	9			SXSS31	01			SWW						
15230		XA525	57											SPP	01			SWW						
15231		XA525	58											GND	01			SWW						
15232		XA525	59											SPP	01			SWW						
15233		XA525	60											SXCA31	02			SWW						
15234		XA525	61											SPP	01			SWW						
15235		XA525	62											SXCA30	02			SWW						
15236		XA525	63											SPP	01			SWW						
15237		XA525	64			XA536	70			16B	9			MWA14A	05			SWW						
15238		XA525	65											SPP	01			SWW						
15239		XA525	66			XA524	66			16B	9			MWSE2B	07			SWW						
15240		XA525	67											GND	01			SWW						
15241		XA525	68			XA524	68			16B	9			MWWI2B	05			SWW						
CONNECTOR XA525) CONTINUED ON THE NEXT PAGE ****																								

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DRAWING NUMBER 149304-880 UNIT ASSEMBLY NO. 149304 REV G INDEX XA525

UNIT ASSEMBLY CARD CAGE WIRED, MCU CONNECTOR FILE IDENT T39AMCMU DATE 09-02-82 PAGE 458

RECORD NUMBER	FROM				TO				WIRE				SIGNAL	SEQ NO	EQUATION	TERM	FACTOR	CKT OR CHIP TYPE	GROUP	LOAD OR POWER PLANE	TEST POINTS		SIGNAL DESCRIPTION	ECO NO
	PREFIX	CONNECTOR	PIN	SH FB	PREFIX	CONNECTOR	PIN	SH FB	MULTI GROUP	CODE	COLOR	IDENT	SPC INST MISC									ANG	DP	
15242		XA525	69										SPP	01				SWW						
15243		XA525	70			XA536	64			16B	9		MWA12A	05				SWW						
15244		XA525	71										SPP	01				SWW						
15245		XA525	72			XA536	74			16B	9		MWA15A	05				SWW						
15246		XA525	73			XA524	56			16B	9		SXSS29	01				SWW						
15247		XA525	74			XA536	72			16B	9		MWA13A	05				SWW						
15248		XA525	75			XA524	40			16B	9		SXSS28	01				SWW						
15249		XA525	76			XA524	76			18B	9		MWRCS0	01				SWW						
15250		XA525	76										MWRCS0	34				SWW						
15251		XA525	77			XA524	77			18D	2		+23VDC	27				SWW						
15252		XA525	78										SXCC28	02				SWW						
15253		XA525	79										SPP	01				SWW						
15254		XA525	80										SXCC29	02				SWW						
15255		XA526	01										SPP											
15256		XA526	02										GND											
15257		XA526	03										SPP											
15258		XA526	04										SPP											
15259		XA526	05										SPP											
15260		XA526	06										SPP											
15261		XA526	07										SPP											
15262		XA526	08										SPP											
15263		XA526	09										SPP											
15264		XA526	10										SPP											
15265		XA526	11										SPP											
15266		XA526	12										+5V											
15267		XA526	13										SPP											
15268		XA526	14										SPP											
15269		XA526	15										SPP											
15270		XA526	16										GND											
15271		XA526	17										SPP											
15272		XA526	18										SPP											
15273		XA526	19										SPP											
15274		XA526	20										SPP											
15275		XA526	21										SPP											
15276		XA526	22										SPP											
15277		XA526	23										SPP											
15278		XA526	24										SPP											
15279		XA526	25										SPP											
15280		XA526	26										SPP											
15281		XA526	27										SPP											
15282		XA526	28										+5V											
15283		XA526	29										SPP											
15284		XA526	30										SPP											
15285		XA526	31										SPP											
15286		XA526	32										GND											
15287		XA526	33										SPP											
15288		XA526	34										SPP											
15289		XA526	35										SPP											
CONNECTOR XA526 CONTINUED ON THE NEXT PAGE ****																								

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DRAWING NUMBER 149304-880 UNIT ASSEMBLY NO. 149304 REV G INDEX XA526

UNIT ASSEMBLY CARD CAGE WIRED, MCU CONNECTOR FILE IDENT T39AMCMU DATE 09-02-82 PAGE 459

RECORD NUMBER	FROM			SH FG	TO			SH FG	WIRE				SPEC INST MISC	SIGNAL	SEQ NO	EQUATION	TERM	FACTOR	CKT OR CHIP TYPE	GROUP	LOAD OR POWER PLANE	TEST POINTS		SIGNAL DESCRIPTION	ECO NO
	PREFIX	CONNECTOR	PIN		PREFIX	CONNECTOR	PIN		MULTI GROUP	CODE	COLOR	IDENT										AND	OR		
15290		XA526	36											SPP											
15291		XA526	37											SPP											
15292		XA526	38											SPP											
15293		XA526	39											SPP											
15294		XA526	40											SPP											
15295		XA526	41											SPP											
15296		XA526	42											SPP											
15297		XA526	43											SPP											
15298		XA526	44											GND											
15299		XA526	45											SPP											
15300		XA526	46											SPP											
15301		XA526	47											SPP											
15302		XA526	48											SPP											
15303		XA526	49											SPP											
15304		XA526	50											SPP											
15305		XA526	51											SPP											
15306		XA526	52											SPP											
15307		XA526	53											SPP											
15308		XA526	54											SPP											
15309		XA526	55											SPP											
15310		XA526	56											SPP											
15311		XA526	57											SPP											
15312		XA526	58											GND											
15313		XA526	59											SPP											
15314		XA526	60											SPP											
15315		XA526	61											SPP											
15316		XA526	62											SPP											
15317		XA526	63											SPP											
15318		XA526	64											SPP											
15319		XA526	65											SPP											
15320		XA526	66											SPP											
15321		XA526	67											GND											
15322		XA526	68											SPP											
15323		XA526	69											SPP											
15324		XA526	70											SPP											
15325		XA526	71											SPP											
15326		XA526	72											SPP											
15327		XA526	73											SPP											
15328		XA526	74											SPP											
15329		XA526	75											SPP											
15330		XA526	76											SPP											
15331		XA526	77											SPP											
15332		XA526	78											SPP											
15333		XA526	79											SPP											
15334		XA526	80											SPP											
15335		XA527	01											SPP	01				CSE						
15336		XA527	02											GND	01				CSE						
15337		XA527	03											SPP	01				CSE						
CONNECTOR (XA527) CONTINUED ON THE NEXT PAGE ****																									

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DRAWING NUMBER 149304-880 UNIT ASSEMBLY NO. 149304 REV G INDEX XA527

UNIT ASSEMBLY CARD CAGE WIRED, MCU CONNECTOR FILE IDENT T39AMCMU DATE 09-02-82 PAGE 460

RECORD NUMBER	FROM			SH FR	TO			SH TO	WIRE				SPC INST MISC	SIGNAL	SEC NO	EQUATION	TERM	FACTOR	CKT OR CHIP TYPE	GROUP	LOAD CP POWER PLANE	TEST POINTS		SIGNAL DESCRIPTION	ECO NO
	PREFIX	CONNECTOR	PIN		PREFIX	CONNECTOR	PIN		MULTI GROUP	CODE	COLOR	IDENT										AND	OR		
15338		XA527	04											SPP	01				CSE						
15339		XA527	05											SPP	01				CSE						
15340		XA527	06											SPP	01				CSE						
15341		XA527	07											SPP	01				CSE						
15342		XA527	08											SPP	01				CSE						
15343		XA527	09											SPP	01				CSE					KEYWAY	
15344		XA527	10											SPP	01				CSE					KEYWAY	
15345		XA527	11											SPP	01				CSE						
15346		XA527	12											+5V	01				CSE						
15347		XA527	13											SPP	01				CSE						
15348		XA527	14											SPP	01				CSE						
15349		XA527	15											SPP	01				CSE						
15350		XA527	16											GND	01				CSE						
15351		XA527	17											SPP	01				CSE						
15352		XA527	18											SPP	01				CSE						
15353		XA527	19			XA534	36			16B	9			MWRCS0	17				CSE						
15354		XA527	19			XA525	76			18B	9			MWRCS0	00				CSE					READ CUR SOURCE	
15355		XA527	20											SPP	01				CSE						
15356		XA527	21											SPP	01				CSE						
15357		XA527	22											SPP	01				CSE						
15358		XA527	23											SPP	01				CSE						
15359		XA527	24											SPP	01				CSE						
15360		XA527	25											SPP	01				CSE						
15361		XA527	26			XA529	06			18O	2			+32VLT	02				CSE						
15362		XA527	27											SPP	01				CSE						
15363		XA527	28											+5V	01				CSE						
15364		XA527	29											SPP	01				CSE						
15365		XA527	30											SPP	01				CSE						
15366		XA527	31											SPP	01				CSE						
15367		XA527	32											GND	01				CSE						
15368		XA527	33											SPP	01				CSE						
15369		XA527	34											SPP	01				CSE						
15370		XA527	35											SPP	01				CSE						
15371		XA527	36											SPP	01				CSE						
15372		XA527	37											SPP	01				CSE						
15373		XA527	38											SPP	01				CSE						
15374		XA527	39											SPP	01				CSE						
15375		XA527	40											SPP	01				CSE						
15376		XA527	41			XA529	65			16B	9			MKREFA	01				CSE						
15377		XA527	42											SPP	01				CSE						
15378		XA527	43			XA529	29			16B	9			MKONCA	01				CSE						
15379		XA527	44											GND	01				CSE						
15380		XA527	45											SPP	01				CSE						
15381		XA527	46											SPP	01				CSE						
15382		XA527	47											SPP	01				CSE						
15383		XA527	48											SPP	01				CSE						
15384		XA527	49			XA529	17			16B	9			MKOFCA	01				CSE						
15385		XA527	50											SPP	01				CSE						
15386		XA527	51											SPP	01				CSE						
15387		XA527	52											SPP	01				CSE						
CONNECTOR		XA527	) CONTINUED ON THE NEXT PAGE ****																						

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DRAWING NUMBER 149304-880 UNIT ASSEMBLY NO. 149304 REV G INDEX XA527

UNIT ASSEMBLY CARD CAGE WIRED, MCU CONNECTOR FILE IDENT T39AMCMU DATE 09-02-82 PAGE 461

RECORD NUMBER	FROM PREFIX	FROM CONNECTOR	FROM PIN	FROM SH FG	TO PREFIX	TO CONNECTOR	TO PIN	TO SH FG	WIRE MULTI GROUP	WIRE CODE	WIRE COLOR	WIRE IDENT	SPEC INST MISC	SIGNAL	SEQ NO	EQUATION	TERM	FACTOR	CKT OR CHIP TYPE	GROUP	LOAD OR POWER PLANS	TEST POINTS AND	TEST POINTS OR	SIGNAL DESCRIPTION	ECO NO
15388		XA527	53											SPP	01				CSE						
15389		XA527	54											SPP	01				CSE						
15390		XA527	55											SPP	01				CSE						
15391		XA527	56											SPP	01				CSE						
15392		XA527	57			XA529	23			168	9			MKFACA	01				CSE						
15393		XA527	58											GND5271	02				CSE						
15394		XA527	58											GND	01				CSE						
15395		XA527	59											SPP	01				CSE						
15396		XA527	60											SPP	01				CSE						
15397		XA527	61			XA527	58			1BD	0			GND5271	01				CSE						
15398		XA527	62											SPP	01				CSE						
15399		XA527	63											SPP	01				CSE						
15400		XA527	64											SPP	01				CSE						
15401		XA527	65											SPP	01				CSE						
15402		XA527	66			XA529	41			1BD	2			+12VOLT	151				CSE						
15403		XA527	67											GND5272	02				CSE						
15404		XA527	67											GND	01				CSE						
15405		XA527	68											SPP	01				CSE						
15406		XA527	69											SPP	01				CSE					KEYWAY	
15407		XA527	70											SPP	01				CSE					KEYWAY	
15408		XA527	71											SPP	01				CSE						
15409		XA527	72											SPP	01				CSE						
15410		XA527	73											SPP	01				CSE						
15411		XA527	74			XA443	39			1BD	2			+5VREF	001				CSE						
15412		XA527	75											SPP	01				CSE						
15413		XA527	76			XA527	67			1BD	0			GND5272	01				CSE						
15414		XA527	77											SPP					CSE						
15415		XA527	78											SPP	01				CSE						
15416		XA527	79											SPP	01				CSE						
15417		XA527	80											SPP	01				CSE						
15418		XA528	01											SPP											
15419		XA528	02											GND											
15420		XA528	03											SPP											
15421		XA528	04											SPP											
15422		XA528	05											SPP											
15423		XA528	06											SPP											
15424		XA528	07											SPP											
15425		XA528	08											SPP											
15426		XA528	09											SPP											
15427		XA528	10											SPP											
15428		XA528	11											SPP											
15429		XA528	12											+5V											
15430		XA528	13											SPP											
15431		XA528	14											SPP											
15432		XA528	15											SPP											
15433		XA528	16											GND											
15434		XA528	17											SPP											
15435		XA528	18											SPP											
CONNECTOR (XA528) CONTINUED ON THE NEXT PAGE ****																									

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DRAWING NUMBER 149304-880 UNIT ASSEMBLY NO. 149304 REV G INDEX XA528

UNIT ASSEMBLY CARD CAGE WIRED, MCU CONNECTOR FILE IDENT T39AMCMU DATE 09-02-82 PAGE 462

RECORD NUMBER	FROM				TO				WIRE					SIGNAL	SEQ NO	EQUATION	TERM	FACTOR	CKT OR CHIP TYPE	GROUP	LOAD OR POWER PLANE	TEST POINTS		SIGNAL DESCRIPTION	ECO NO
	PREFIX	CONNECTOR	PIN	SH FG	PREFIX	CONNECTOR	PIN	SH FG	MULTI GROUP	CODE	COLOR	IDENT	SPC INST MISC									AND	OR		
15436		XA528	19											SPP											
15437		XA528	20											SPP											
15438		XA528	21											SPP											
15439		XA528	22											SPP											
15440		XA528	23											SPP											
15441		XA528	24											SPP											
15442		XA528	25											SPP											
15443		XA528	26											SPP											
15444		XA528	27											SPP											
15445		XA528	28											+5V											
15446		XA528	29											SPP											
15447		XA528	30											SPP											
15448		XA528	31											SPP											
15449		XA528	32											GND											
15450		XA528	33											SPP											
15451		XA528	34											SPP											
15452		XA528	35											SPP											
15453		XA528	36											SPP											
15454		XA528	37											SPP											
15455		XA528	38											SPP											
15456		XA528	39											SPP											
15457		XA528	40											SPP											
15458		XA528	41											SPP											
15459		XA528	42											SPP											
15460		XA528	43											SPP											
15461		XA528	44											GND											
15462		XA528	45											SPP											
15463		XA528	46											SPP											
15464		XA528	47											SPP											
15465		XA528	48											SPP											
15466		XA528	49											SPP											
15467		XA528	50											SPP											
15468		XA528	51											SPP											
15469		XA528	52											SPP											
15470		XA528	53											SPP											
15471		XA528	54											SPP											
15472		XA528	55											SPP											
15473		XA528	56											SPP											
15474		XA528	57											SPP											
15475		XA528	58											GND											
15476		XA528	59											SPP											
15477		XA528	60											SPP											
15478		XA528	61											SPP											
15479		XA528	62											SPP											
15480		XA528	63											SPP											
15481		XA528	64											SPP											
15482		XA528	65											SPP											
15483		XA528	66											SPP											
15484		XA528	67											GND											
15485		XA528	68											SPP											
CONNECTOR XA528) CONTINUED ON THE NEXT PAGE ****																									

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DRAWING NUMBER 149304-880 UNIT ASSEMBLY NO. 149304 REV G INDEX XA528

UNIT ASSEMBLY CARD CAGE WIRED, MCU CONNECTOR FILE IDENT T39AMCMU DATE 09-02-82 PAGE 463

RECORD NUMBER	FROM PREFIX	FROM CONNECTOR	FROM PIN	FROM SH FG	TO PREFIX	TO CONNECTOR	TO PIN	TO SH FG	WIRE MULTI GROUP	WIRE CODE	WIRE COLOR	WIRE IDENT	SPEC INST MARK	SIGNAL	SEQ NO	EQUATION	TERM	FACTOR	CKT OR CHIP TYPE	GROUP	LOAD OR POWER PLANE	TEST POINTS AND	TEST POINTS OR	SIGNAL DESCRIPTION	ECO NO
15486		XA528	69											SPP											
15487		XA528	70											SPP											
15488		XA528	71											SPP											
15489		XA528	72											SPP											
15490		XA528	73											SPP											
15491		XA528	74											SPP											
15492		XA528	75											SPP											
15493		XA528	76											SPP											
15494		XA528	77											SPP											
15495		XA528	78											SPP											
15496		XA528	79											SPP											
15497		XA528	80											SPP											
15498		XA529	01			XA531	34			18D	2			+23VDC	10				CSE						
15499		XA529	02											GND	01				CSE						
15500		XA529	03											SPP	01				CSE						
15501		XA529	04											SPP	01				CSE						
15502		XA529	05											SPP	01				CSE						
15503		XA529	06			XA533	03			18D	2			+32VLT	03				CSE						
15504		XA529	07											SPP	01				CSE						
15505		XA529	08											SPP	01				CSE						
15506		XA529	09			XA529	16			18D	0			GND5291	01				CSE						
15507		XA529	10											SPP	01				CSE						
15508		XA529	11											SPP	01				CSE						
15509		XA529	12											+5V	01				CSE						
15510		XA529	13											SPP	01				CSE						
15511		XA529	14											SPP	01				CSE						
15512		XA529	15											MKOFCA	03				CSE						
15513		XA529	16											GND5291	02				CSE						
15514		XA529	16											GND	01				CSE						
15515		XA529	17			XA529	15			16B	9			MKOFCA	02				CSE						
15516		XA529	18											SPP	01				CSE						
15517		XA529	19											MWRSTA	04				CSE						
15518		XA529	20											SPP	01				CSE						
15519		XA529	21			XA237	35			16B	9			MFEXCA	00				CSE						
15520		XA529	22											SPP	01				CSE						
15521		XA529	23											MKFACA	02				CSE						
15522		XA529	24											SPP	01				CSE						
15523		XA529	25											SPP	01				CSE						
15524		XA529	26											SPP	01				CSE						
15525		XA529	27											SPP	01				CSE						
15526		XA529	28											+5V	01				CSE						
15527		XA529	29											MKONCA	02				CSE						
15528		XA529	30											SPP	01				CSE						
15529		XA529	31											SPP	01				CSE						
15530		XA529	32											GND	01				CSE						
15531		XA529	33											SPP	01				CSE						
15532		XA529	34											SPP	01				CSE						
15533		XA529	35											SPP	01				CSE					KEYWAY	

CONNECTOR XA529) CONTINUED ON THE NEXT PAGE ****

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UNIT ASSEMBLY CARD CAGE WIRED, MCU CONNECTOR FILE IDENT T39AMCMU DATE 09-02-82 PAGE 464

RECORD NUMBER	FROM PREFIX	FROM CONNECTOR	FROM PIN	FROM SHIELD	TO PREFIX	TO CONNECTOR	TO PIN	TO SHIELD	WIRE MULTI GROUP	WIRE CODE	WIRE COLOR	WIRE IDENT	SPEC INST MISC	SIGNAL	SEC NO	EQUATION	TERM	FACTOR	CKT OR CHIP TYPE	GROUP	LOAD CP POWER PLANE	TEST POINTS AND	TEST POINTS OR	SIGNAL DESCRIPTION	ECO NO
15534		XA529	36											SPP	01				CSE					KEYWAY	
15535		XA529	37			XA529	38			18D	2			+5VREF	B0				CSE						
15536		XA529	38			XA527	74			18D	2			+5VREF	00				CSE						
15537		XA529	39											SPP	01				CSE						
15538		XA529	40											SPP	01				CSE						
15539		XA529	41										K	+12VOLT	152				CSE						
15540		XA529	42											SPP	01				CSE						
15541		XA529	43											SPP	01				CSE						
15542		XA529	44											GND	01				CSE						
15543		XA529	45											SPP	01				CSE						
15544		XA529	46											SPP	01				CSE						
15545		XA529	47											SPP	01				CSE						
15546		XA529	48											SPP	01				CSE						
15547		XA529	49											SPP	01				CSE						
15548		XA529	50											SPP	01				CSE						
15549		XA529	51											SPP	01				CSE						
15550		XA529	52											SPP	01				CSE						
15551		XA529	53											SPP	01				CSE						
15552		XA529	54											SPP	01				CSE						
15553		XA529	55											SPP	01				CSE					KEYWAY	
15554		XA529	56											SPP	01				CSE					KEYWAY	
15555		XA529	57											SPP	01				CSE						
15556		XA529	58											GND	01				CSE						
15557		XA529	59											SPP	01				CSE						
15558		XA529	60			XA533	72			18D	7			-5VOLT	011				CSE						
15559		XA529	61											SPP	01				CSE						
15560		XA529	62											SPP	01				CSE						
15561		XA529	63											SPP	01				CSE						
15562		XA529	64											SPP	01				CSE						
15563		XA529	65											MKREFA	02				CSE						
15564		XA529	66											SPP	01				CSE						
15565		XA529	67											GND5292	02				CSE						
15566		XA529	67											GND	01				CSE						
15567		XA529	68											SPP	01				CSE						
15568		XA529	69											SPP	01				CSE						
15569		XA529	70											SPP	01				CSE						
15570		XA529	71											SPP	01				CSE						
15571		XA529	72											SPP	01				CSE						
15572		XA529	73											SPP	01				CSE						
15573		XA529	74											SPP	01				CSE						
15574		XA529	75											SPP	01				CSE						
15575		XA529	76											SPP	01				CSE						
15576		XA529	77										K	VARDCD5	03				CSE						
15577		XA529	78											SPP	01				CSE						
15578		XA529	79			XA529	67			18D	0			GND5292	01				CSE						
15579		XA529	80											SPP	01				CSE						
15580		XA530	01											SPP											
15581		XA530	02											GND											
CONNECTOR XA530) CONTINUED ON THE NEXT PAGE ****																									

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DRAWING NUMBER 149304-880 UNIT ASSEMBLY NO. 149304 REV G INDEX XA530

UNIT ASSEMBLY CARD CAGE WIRED, MCU CONNECTOR FILE IDENT T39AMCMU DATE 09-02-82 PAGE 465

RECORD NUMBER	FROM			SH FG	TO			SH FG	WIRE				SPC INST MISC	SIGNAL	SEQ NO	EQUATION	TERM	FACTOR	CKT OR CHIP TYPE	GROUP	LOAD OR POWER PLANE	TEST POINTS		SIGNAL DESCRIPTION	ECO NO
	PREFIX	CONNECTOR	PIN		PREFIX	CONNECTOR	PIN		MULTI GROUP	CODE	COLOR	IDENT										AND	OR		
15582		XA530	03											SPP											
15583		XA530	04											SPP											
15584		XA530	05											SPP											
15585		XA530	06											SPP											
15586		XA530	07											SPP											
15587		XA530	08											SPP											
15588		XA530	09											SPP											
15589		XA530	10											SPP											
15590		XA530	11											SPP											
15591		XA530	12											+5V											
15592		XA530	13											SPP											
15593		XA530	14											SPP											
15594		XA530	15											SPP											
15595		XA530	16											GND											
15596		XA530	17											SPP											
15597		XA530	18											SPP											
15598		XA530	19											SPP											
15599		XA530	20											SPP											
15600		XA530	21											SPP											
15601		XA530	22											SPP											
15602		XA530	23											SPP											
15603		XA530	24											SPP											
15604		XA530	25											SPP											
15605		XA530	26											SPP											
15606		XA530	27											SPP											
15607		XA530	28											+5V											
15608		XA530	29											SPP											
15609		XA530	30											SPP											
15610		XA530	31											SPP											
15611		XA530	32											GND											
15612		XA530	33											SPP											
15613		XA530	34											SPP											
15614		XA530	35											SPP											
15615		XA530	36											SPP											
15616		XA530	37											SPP											
15617		XA530	38											SPP											
15618		XA530	39											SPP											
15619		XA530	40											SPP											
15620		XA530	41											SPP											
15621		XA530	42											SPP											
15622		XA530	43											SPP											
15623		XA530	44											GND											
15624		XA530	45											SPP											
15625		XA530	46											SPP											
15626		XA530	47											SPP											
15627		XA530	48											SPP											
15628		XA530	49											SPP											
15629		XA530	50											SPP											
15630		XA530	51											SPP											
15631		XA530	52											SPP											

CONNECTOR XA530) CONTINUED ON THE NEXT PAGE ****

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DRAWING NUMBER 149304-880 UNIT ASSEMBLY NO. 149304 REV G INDEX XA530

UNIT ASSEMBLY CARD CAGE WIRED, MCU CONNECTOR FILE IDENT T39AMCMU DATE 09-02-82 PAGE 466

RECORD NUMBER	FROM PREFIX	FROM CONNECTOR	FROM PIN	FROM SH FG	TO PREFIX	TO CONNECTOR	TO PIN	TO SH FG	WIRE MULTI GROUP	WIRE CODE	WIRE COLOR	WIRE IDENT	WIRE SPC INST MISC	SIGNAL	SEQ NO	EQUATION	TERM FACTOR	CKT OR CHIP TYPE	GROUP	LOAD OR POWER PLANE	TEST POINTS AND	TEST POINTS OR	SIGNAL DESCRIPTION	ECO NO
15632		XA530	53											SPP										
15633		XA530	54											SPP										
15634		XA530	55											SPP										
15635		XA530	56											SPP										
15636		XA530	57											SPP										
15637		XA530	58											GND										
15638		XA530	59											SPP										
15639		XA530	60											SPP										
15640		XA530	61											SPP										
15641		XA530	62											SPP										
15642		XA530	63											SPP										
15643		XA530	64											SPP										
15644		XA530	65											SPP										
15645		XA530	66											SPP										
15646		XA530	67											GND										
15647		XA530	68											SPP										
15648		XA530	69											SPP										
15649		XA530	70											SPP										
15650		XA530	71											SPP										
15651		XA530	72											SPP										
15652		XA530	73											SPP										
15653		XA530	74											SPP										
15654		XA530	75											SPP										
15655		XA530	76											SPP										
15656		XA530	77											SPP										
15657		XA530	78											SPP										
15658		XA530	79											SPP										
15659		XA530	80											SPP										
15660		XA531	01											SPP	01			PBD						
15661		XA531	02											GND	01			PBD						
15662		XA531	03											SPP	01			PBD						
15663		XA531	04											SPP	01			PBD						
15664		XA531	05											SPP	01			PBD						
15665		XA531	06											SPP	022			PBD						
15666		XA531	07											SPP	01			PBD						
15667		XA531	08											SPP	01			PBD						
15668		XA531	09											SPP	01			PBD						
15669		XA531	10											SPP	01			PBD						
15670		XA531	11											SPP	01			PBD						
15671		XA531	12											+5V	01			PBD						
15672		XA531	13											SPP	01			PBD						
15673		XA531	14											SPP	01			PBD						
15674		XA531	15											SPP	01			PBD						
15675		XA531	16											GND	01			PBD						
15676		XA531	17											SPP	01			PBD						
15677		XA531	18											SPP	01			PBD						
15678		XA531	19											SPP	01			PBD					KEYWAY	
15679		XA531	20											SPP	01			PBD					KEYWAY	
CONNECTOR XA531) CONTINUED ON THE NEXT PAGE ****																								

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DRAWING NUMBER 149304-880 UNIT ASSEMBLY NO. 149304 REV G INDEX XA531

UNIT ASSEMBLY CARD CAGE WIRED, MCU CONNECTOR FILE IDENT T39AMCMU DATE 09-02-82 PAGE 467

RECORD NUMBER	FROM			SHLD	TO			SHLD	WIRE				SPEC INST SEC	SIGNAL	SEQ NO	EQUATION	TERM	FACTOR	CKT OR CHIP TYPE	GROUP	LOAD OR POWER PLANE	TEST POINTS		SIGNAL DESCRIPTION	ECO NO
	PREFIX	CONNECTOR	PIN		PREFIX	CONNECTOR	PIN		MULTI GROUP	CODE	COLOR	IDENT										AND	OR		
15680		XA531	21											SPP	01				PBD						
15681		XA531	22											SPP	01				PBD						
15682		XA531	23			XA236	04			16B	9			MWPBDA	01				PBD						
15683		XA531	24											SPP	01				PBD						
15684		XA531	25											SPP	01				PBD						
15685		XA531	26			XA534	39			16B	9			MWPB10	022				PBD						
15686		XA531	27											SPP	01				PBD						
15687		XA531	28											+5V	01				PBD						
15688		XA531	29											SPP	01				PBD						
15689		XA531	30			XA534	41			16B	9			MWPB20	022				PBD						
15690		XA531	31											SPP	01				PBD						
15691		XA531	32											GND	01				PBD						
15692		XA531	33											SPP	01				PBD						
15693		XA531	34			XA534	35			18D	2			+23VDC	102				PBD						
15694		XA531	35											SPP	01				PBD						
15695		XA531	36											SPP	01				PBD						
15696		XA531	37											SPP	01				PBD						
15697		XA531	38											SPP	01				PBD						
15698		XA531	39											SPP	01				PBD						
15699		XA531	40											SPP	01				PBD						
15700		XA531	41											SPP	01				PBD						
15701		XA531	42			XA535	39			16B	9			MWPB30	022				PBD						
15702		XA531	43											SPP	01				PBD						
15703		XA531	44											GND	01				PBD						
15704		XA531	45											SPP	01				PBD						
15705		XA531	46			XA535	41			16B	9			MWPB40	022				PBD						
15706		XA531	47											SPP	01				PBD						
15707		XA531	48											SPP	01				PBD						
15708		XA531	49											SPP	01				PBD					KEYWAY	
15709		XA531	50											SPP	01				PBD					KEYWAY	
15710		XA531	51											SPP	01				PBD						
15711		XA531	52											SPP	01				PBD						
15712		XA531	53											SPP	01				PBD						
15713		XA531	54											SPP	01				PBD						
15714		XA531	55											SPP	01				PBD						
15715		XA531	56											SPP	01				PBD						
15716		XA531	57											SPP	01				PBD						
15717		XA531	58											GND	01				PBD						
15718		XA531	59											SPP	01				PBD						
15719		XA531	60			XA536	39			16B	9			MWPB50	022				PBD						
15720		XA531	61											SPP	01				PBD						
15721		XA531	62			XA536	41			16B	9			MWPB60	022				PBD						
15722		XA531	63											SPP	01				PBD						
15723		XA531	64											SPP	01				PBD						
15724		XA531	65											SPP	01				PBD						
15725		XA531	66											SPP	01				PBD						
15726		XA531	67											GND	01				PBD						
15727		XA531	68											SPP	01				PBD						
15728		XA531	69											SPP	01				PBD						
15729		XA531	70											SPP	01				PBD						
CONNECTOR		XA531	) CONTINUED ON THE NEXT PAGE ****																						

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UNIT ASSEMBLY CARD CAGE WIRED, MCU CONNECTOR FILE IDENT T39AMCMU DATE 09-02-82 PAGE 468

RECORD NUMBER	FROM PREFIX	FROM CONNECTOR	FROM PIN	FROM SH FG	TO PREFIX	TO CONNECTOR	TO PIN	TO SH FG	WIRE MULTI GROUP	WIRE CODE	WIRE COLOR	WIRE IDENT	SPC INST MISC	SIGNAL	SEC NO	EQUATION	TERM	FACTOR	CKT OR CHIP TYPE	GROUP	LOAD CP POWER PLANE	TEST POINTS AND	TEST POINTS OR	SIGNAL DESCRIPTION	ECO NO
15730		XA531	71											SPP	01				PBD						
15731		XA531	72											SPP	01				PBD						
15732		XA531	73											SPP	01				PBD						
15733		XA531	74			XA537	39			16B	9			MWP870	022				PBD						
15734		XA531	75											SPP	01				PBD						
15735		XA531	76			XA537	41			16B	9			MWP880	022				PBD						
15736		XA531	77											SPP	01				PBD						
15737		XA531	78											SPP	01				PBD						
15738		XA531	79											SPP	01				PBD						
15739		XA531	80											SPP	01				PBD						
15740		XA532	01											SPP											
15741		XA532	02											GND											
15742		XA532	03											SPP											
15743		XA532	04											SPP											
15744		XA532	05											SPP											
15745		XA532	06											SPP											
15746		XA532	07											SPP											
15747		XA532	08											SPP											
15748		XA532	09											SPP											
15749		XA532	10											SPP											
15750		XA532	11											SPP											
15751		XA532	12											+5V											
15752		XA532	13											SPP											
15753		XA532	14											SPP											
15754		XA532	15											SPP											
15755		XA532	16											GND											
15756		XA532	17											SPP											
15757		XA532	18											SPP											
15758		XA532	19											SPP											
15759		XA532	20											SPP											
15760		XA532	21											SPP											
15761		XA532	22											SPP											
15762		XA532	23											SPP											
15763		XA532	24											SPP											
15764		XA532	25											SPP											
15765		XA532	26											SPP											
15766		XA532	27											SPP											
15767		XA532	28											+5V											
15768		XA532	29											SPP											
15769		XA532	30											SPP											
15770		XA532	31											SPP											
15771		XA532	32											GND											
15772		XA532	33											SPP											
15773		XA532	34											SPP											
15774		XA532	35											SPP											
15775		XA532	36											SPP											
15776		XA532	37											SPP											
15777		XA532	38											SPP											
CONNECTOR XA532) CONTINUED ON THE NEXT PAGE ****																									

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DRAWING NUMBER 149304-880 UNIT ASSEMBLY NO. 149304 REV G INDEX XA532

UNIT ASSEMBLY CARD CAGE WIRED, MCU CONNECTOR FILE IDENT T39AMCMU DATE 09-02-82 PAGE 469

RECORD NUMBER	FROM PREFIX	FROM CONNECTOR	FROM PIN	FROM SH FG	TO PREFIX	TO CONNECTOR	TO PIN	TO SH FG	WIRE MULTI GROUP	WIRE CODE	WIRE COLOR	WIRE IDENT	SPC INST MISC	SIGNAL	SEQ NO	EQUATION	TERM	FACTOR	CKT OR CHIP TYPE	GROUP	LOAD OR POWER PLANE	TEST POINTS AND	TEST POINTS OR	SIGNAL DESCRIPTION	ECO NO
15778		XA532	39											SPP											
15779		XA532	40											SPP											
15780		XA532	41											SPP											
15781		XA532	42											SPP											
15782		XA532	43											SPP											
15783		XA532	44											GND											
15784		XA532	45											SPP											
15785		XA532	46											SPP											
15786		XA532	47											SPP											
15787		XA532	48											SPP											
15788		XA532	49											SPP											
15789		XA532	50											SPP											
15790		XA532	51											SPP											
15791		XA532	52											SPP											
15792		XA532	53											SPP											
15793		XA532	54											SPP											
15794		XA532	55											SPP											
15795		XA532	56											SPP											
15796		XA532	57											SPP											
15797		XA532	58											GND											
15798		XA532	59											SPP											
15799		XA532	60											SPP											
15800		XA532	61											SPP											
15801		XA532	62											SPP											
15802		XA532	63											SPP											
15803		XA532	64											SPP											
15804		XA532	65											SPP											
15805		XA532	66											SPP											
15806		XA532	67											GND											
15807		XA532	68											SPP											
15808		XA532	69											SPP											
15809		XA532	70											SPP											
15810		XA532	71											SPP											
15811		XA532	72											SPP											
15812		XA532	73											SPP											
15813		XA532	74											SPP											
15814		XA532	75											SPP											
15815		XA532	76											SPP											
15816		XA532	77											SPP											
15817		XA532	78											SPP											
15818		XA532	79											SPP											
15819		XA532	80											SPP											
15820		XA533	01											SPP	01				REG						
15821		XA533	02											GND	01				REG						
15822		XA533	03											+32VLT	031				REG						
15823		XA533	04											SPP	01				REG						
15824		XA533	05											SPP	01				REG						
15825		XA533	06											SPP	01				REG						
CONNECTOR (XA533) CONTINUED ON THE NEXT PAGE ****																									

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DRAWING NUMBER 149304-880 UNIT ASSEMBLY NO. 149304 REV G INDEX XA533

UNIT ASSEMBLY CARD CAGE WIRED, MCU CONNECTOR FILE IDENT T39AMCMU DATE 09-02-82 PAGE 470

RECORD NUMBER	FROM PREFIX	FROM CONNECTOR	FROM PIN	FROM SH FG	TO PREFIX	TO CONNECTOR	TO PIN	TO SH FG	WIRE MULTI GROUP	WIRE CODE	WIRE COLOR	WIRE IDENT	SPC INST MISC	SIGNAL	SEQ NO	EQUATION	T-TERM	FACTOR	CKT OR CHIP TYPE	GROUP	LOAD OF POWER PLANE	TEST POINTS AND	TEST POINTS OR	SIGNAL DESCRIPTION	ECO NO
15826		XA533	07											SPP	01				REG						
15827		XA533	08											SPP	01				REG						
15828		XA533	09											SPP	01				REG						
15829		XA533	10											SPP	01				REG						
15830		XA533	11											SPP	01				REG						
15831		XA533	12											+5V	01				REG						
15832		XA533	13											SPP	01				REG						
15833		XA533	14											SPP	01				REG						
15834		XA533	15											SPP	01				REG						
15835		XA533	16											GND	01				REG						
15836		XA533	17											SPP	01				REG					KEYWAY	
15837		XA533	18											SPP	01				REG					KEYWAY	
15838		XA533	19											SPP	01				REG						
15839		XA533	20											SPP	01				REG						
15840		XA533	21											SPP	01				REG						
15841		XA533	22											SPP	01				REG						
15842		XA533	23											SPP	01				REG						
15843		XA533	24											SPP	01				REG						
15844		XA533	25											SPP	01				REG						
15845		XA533	26											SPP	01				REG						
15846		XA533	27											SPP	01				REG						
15847		XA533	28											+5V	01				REG						
15848		XA533	29											SPP	01				REG						
15849		XA533	30											SPP	01				REG						
15850		XA533	31											SPP	01				REG						
15851		XA533	32											GND	01				REG						
15852		XA533	33											SPP	01				REG						
15853		XA533	34											SPP	01				REG						
15854		XA533	35											SPP	01				REG						
15855		XA533	36											SPP	01				REG						
15856		XA533	37											SPP	01				REG						
15857		XA533	38											SPP	01				REG						
15858		XA533	39											SPP	01				REG					KEYWAY	
15859		XA533	40											SPP	01				REG					KEYWAY	
15860		XA533	41											SPP	01				REG						
15861		XA533	42											SPP	01				REG						
15862		XA533	43											SPP	01				REG						
15863		XA533	44											SSREGCG	02				REG						
15864		XA533	44											GND	01				REG						
15865		XA533	45											SPP	01				REG						
15866		XA533	46											SPP	01				REG						
15867		XA533	47											SPP	01				REG						
15868		XA533	48			XA529	37			18D	2			+5VREF	A0				REG						
18249		XA533	49			P13	031		TP	23D	9		H	SSREGA	02	#B37-025			REG					+20V REG JUMPER A	
15869		XA533	50											SPP	01				REG						
15870		XA533	51											SPP	01				REG						
15871		XA533	52											SPP	01				REG						
15872		XA533	53											SPP	01				REG						
15873		XA533	54											SPP	01				REG						
15874		XA533	55											SPP	01				REG						

CONNECTOR (XA533) CONTINUED ON THE NEXT PAGE ****

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UNIT ASSEMBLY CARD CAGE WIRED, MCU CONNECTOR FILE IDENT T39AMCMU DATE 09-02-82 PAGE 471

RECORD NUMBER	FROM PREFIX	FROM CONNECTOR	FROM PIN	FROM SHIELD	TO PREFIX	TO CONNECTOR	TO PIN	TO SHIELD	WIRE MULTI GROUP	WIRE CODE	WIRE COLOR	WIRE IDENT	SPEC INST MISC	SIGNAL	SEQ NO	EQUATION	TERM	FACTOR	CKT OR CHIP TYPE	GROUP	LOAD OR POWER PLANE	TEST POINTS AND	TEST POINTS OR	SIGNAL DESCRIPTION	ECO NO
15875		XA533	56											SPP	01				REG						
15876		XA533	57											SPP	01				REG						
15877		XA533	58											GND	01				REG						
15878		XA533	59											SSREGB	02				REG					+20V REG JUMPER B	
15879		XA533	60											SPP	01				REG						
15880		XA533	61											SPP	01				REG						
15881		XA533	62											SPP	01				REG						
15882		XA533	63											SPP	01				REG						
15883		XA533	64											SPP	01				REG						
15884		XA533	65											SPP	01				REG						
15885		XA533	66											SPP	01				REG						
15886		XA533	67											GND	01				REG						
15887		XA533	68											SPP	01				REG						
15888		XA533	69											SPP	01				REG						
15889		XA533	70											SPP	01				REG						
15890		XA533	71											SPP	01				REG						
15891		XA533	72			XA443	59			18D	7			-5VOLT	012				REG						
15892		XA533	73											SPP	01				REG						
15893		XA533	74											SPP	01				REG						
15894		XA533	75											SPP	01				REG						
15895		XA533	76											SPP	01				REG						
15896		XA533	77											SPP	01				REG						
15897		XA533	78											SPP	01				REG						
15898		XA533	79											SPP	01				REG						
15899		XA533	80	2		XA534	54	2		16B	9			MWWCS0	17				REG						
15900		XA533	80			XA534	13			1BB	9			MWWCS0	AA				REG					WRITE CUR SOURCE	
15901		XA534	01			XA523	05			16B	9			MWB01A	04				SWW	Z1					
15902		XA534	02											GND	01				SWW						
15903		XA534	03											SPP	01				SWW	Z1					
15904		XA534	04			XA535	10			16B	9			MWB00A	06				SWW	Z1					
15905		XA534	05			XA535	01			16B	9			MWB03A	06				SWW	Z1					
15906		XA534	06			XA535	06			16B	9			MWW03B	09				SWW	Z1					
15907		XA534	07											SPP	01				SWW						
15908		XA534	08			XA535	08			16B	9			MWRE3B	09				SWW	Z1					
15909		XA534	09											SPP	01				SWW	Z2					
15910		XA534	10			XA535	04			16B	9			MWB02A	06				SWW	Z1					
15911		XA534	11											SPP					SWW						
15912		XA534	12											+5V	01				SWW						
15913		XA534	13											MWWCS0	33				SWW	Z1					
15914		XA534	13			XA525	13			1BB	9			MWWCS0	00				SWW						
15915		XA534	14			XA535	19			16B	9			SXSS32	01				SWW	Z1					
15916		XA534	15			XA535	31			16B	9			SXSS33	01				SWW	Z1					
15917		XA534	16											GND	01				SWW						
15918		XA534	17											SXCA32	02				SWW	Z2					
15919		XA534	18			XA535	26			16B	9			MWA00A	06				SWW	Z2					
15920		XA534	19			XA535	14			16B	9			SXSS34	01				SWW	Z1					
15921		XA534	20			XA535	20			16B	9			MWSE3B	11				SWW	Z2					
15922		XA534	21											SPP	03				SWW						
CONNECTOR (XA534) CONTINUED ON THE NEXT PAGE ****																									

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DRAWING NUMBER 149304-880 UNIT ASSEMBLY NO. 149304 REV G INDEX XA534

UNIT ASSEMBLY CARD CAGE WIRED, MCU CONNECTOR FILE IDENT T39AMCMU DATE 09-02-82 PAGE 472

RECORD NUMBER	FROM PREFIX	FROM CONNECTOR	FROM PIN	FROM SHIELD	TO PREFIX	TO CONNECTOR	TO PIN	TO SHIELD	WIRE MULTI GROUP	WIRE CODE	WIRE COLOR	WIRE IDENT	SPEC INST MISC	SIGNAL	SEQ NO	EQUATION	TERM	FACTOR	CKT OR CHIP TYPE	GROUP	LOAD OR POWER PLANE	TEST POINTS AND	TEST POINTS OR	SIGNAL DESCRIPTION	ECO NO
15923		XA534	22											SXCA33	02				SWW	Z2					
15924		XA534	23											SPP	03				SWW						
15925		XA534	24			XA535	24			16B	9			MWWI3B	01				SWW	Z2					
15926		XA534	25			XA535	34			16B	9			MWA01A	06				SWW	Z2					
15927		XA534	26			XA535	18			16B	9			MWA02A	06				SWW	Z2					
15928		XA534	27											SPP	03				SWW						
15929		XA534	28											+5V	01				SWW						
15930		XA534	29											SPP	01				SWW					KEYWAY	
15931		XA534	30											SPP	01				SWW					KEYWAY	
15932		XA534	31			XA535	15			16B	9			SXSS35	01				SWW	Z1					
15933		XA534	32											GND	01				SWW						
15934		XA534	33											SPP	01				SWW	Z3					
15935		XA534	34			XA535	25			16B	9			MWA03A	06				SWW	Z2					
15936		XA534	35			XA535	35			18D	2			+23VDC	11				SWW						
15937		XA534	36			XA535	36			16B	9			MWRCS0	18				SWW	Z2					
15938		XA534	37											SXCC35	02				SWW	Z2					
15939		XA534	38											SXCC34	02				SWW	Z2					
15940		XA534	39			XA538	39			16B	9			MWPB10	03				SWW						
15941		XA534	40			XA535	75			16B	9			SXSS36	01				SWW	Z3					
15942		XA534	41			XA538	41			16B	9			MWPB20	03				SWW						
15943		XA534	42											SPP	01				SWW						
15944		XA534	43			XA535	47			16B	9			MWB04A	06				SWW	Z3					
15945		XA534	44											GND	01				SWW						
15946		XA534	45			XA534	06			16B	9			MWWO3B	08				SWW	Z3					
15947		XA534	46			XA535	52			16B	9			MWB05A	06				SWW	Z3					
15948		XA534	47			XA535	43			16B	9			MWB06A	06				SWW	Z3					
15949		XA534	48			XA534	08			16B	9			MWRE3B	08				SWW	Z3					
15950		XA534	49											SPP	01				SWW					KEYWAY	
15951		XA534	50											SPP	01				SWW					KEYWAY	
15952		XA534	51											SPP	01				SWW	Z4					
15953		XA534	52			XA535	46			16B	9			MWB07A	06				SWW	Z3					
15954		XA534	53											SPP	03				SWW						
15955		XA534	54	1		XA535	54	1		16B	9			MWWCS0	18				SWW	Z3					
15956		XA534	55											SPP	03				SWW						
15957		XA534	56											SXSS37	02				SWW	Z3					
15958		XA534	57											SPP	03				SWW						
15959		XA534	58											GND	01				SWW						
15960		XA534	59											SPP	03				SWW						
15961		XA534	60											SXCA37	02				SWW	Z4					
15962		XA534	61											SPP	03				SWW						
15963		XA534	62											SXCA36	02				SWW	Z4					
15964		XA534	63											SPP	01				SWW						
15965		XA534	64			XA535	70			16B	9			MWA04A	06				SWW	Z4					
15966		XA534	65											SPP	03				SWW						
15967		XA534	66			XA534	20			16B	9			MWSE3B	10				SWW	Z4					
15968		XA534	67											GND	03				SWW						
15969		XA534	68			XA516	72			16B	9			MWWI3B	08				SWW	Z4					
15970		XA534	69											SPP	03				SWW						
15971		XA534	70			XA535	64			16B	9			MWA06A	06				SWW	Z4					
15972		XA534	71											SPP	03				SWW						
CONNECTOR		XA534	CONTINUED ON THE NEXT PAGE					****																	

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DRAWING NUMBER 149304-880 UNIT ASSEMBLY NO. 149304 REV G INDEX XA534

UNIT ASSEMBLY CARD CAGE WIRED, MCU CONNECTOR FILE IDENT T39AMCMU DATE 09-02-82 PAGE 473

RECORD NUMBER	FROM PREFIX	FROM CONNECTOR	FROM PIN	FROM SH FG	TO PREFIX	TO CONNECTOR	TO PIN	TO SH FG	WIRE MULTI GROUP	WIRE CODE	WIRE COLOR	WIRE IDENT	SPEC INST MISC	SIGNAL	SEQ NO	EQUATION	TERM FACTOR	CKT OR CHIP TYPE	GROUP	LOAD OR POWER PLANS	TEST POINTS AND	TEST POINTS OR	SIGNAL DESCRIPTION	ECO NO
15973		XA534	72			XA535	74			16B	9			MWA05A	06			SWW	Z4					
15974		XA534	73											SXSS39	02			SWW	Z3					
15975		XA534	74			XA535	72			16B	9			MWA07A	06			SWW	Z4					
15976		XA534	75											SXSS38	02			SWW	Z3					
15977		XA534	76	1		XA525	76	1		16B	9			MWRCS0	33			SWW	Z4					
15978		XA534	77			XA525	77			1BD	2			+23VDC	26			SWW						
15979		XA534	78											SXCC38	02			SWW	Z4					
15980		XA534	79											SPP	03			SWW						
15981		XA534	80											SXCC39	02			SWW	Z4					
15982		XA535	01			XA538	05			16B	9			MWB03A	07			SWW	Z1					
15983		XA535	02											GND	01			SWW						
15984		XA535	03											SPP	01			SWW	Z1					
15985		XA535	04			XA538	10			16B	9			MWB02A	07			SWW	Z1					
15986		XA535	05			XA534	01			16B	9			MWB01A	03			SWW	Z1					
15987		XA535	06			XA536	06			16B	9			MWW03B	10			SWW	Z1					
15988		XA535	07											SPP	01			SWW						
15989		XA535	08			XA536	08			16B	9			MWRE3B	10			SWW	Z1					
15990		XA535	09											SPP	01			SWW	Z2					
15991		XA535	10			XA538	04			16B	9			MWB00A	07			SWW	Z1					
15992		XA535	11											SPP				SWW						
15993		XA535	12											+5V	01			SWW						
15994		XA535	13	1		XA534	13	1		16B	9			MWWCS0	32			SWW	Z1					
15995		XA535	14											SXSS34	02			SWW	Z1					
15996		XA535	15											SXSS35	02			SWW	Z1					
15997		XA535	16											GND	01			SWW						
15998		XA535	17											SXCA34	02			SWW	Z2					
15999		XA535	18			XA538	26			16B	9			MWA02A	07			SWW	Z2					
16000		XA535	19											SXSS32	02			SWW	Z1					
16001		XA535	20			XA536	20			16B	9			MWSE3B	12			SWW	Z2					
16002		XA535	21											SPP				SWW						
16003		XA535	22											SXCA35	02			SWW	Z2					
16004		XA535	23											SPP				SWW						
16005		XA535	24			XA536	24			16B	9			MWWI3B	02			SWW	Z2					
16006		XA535	25			XA538	34			16B	9			MWA03A	07			SWW	Z2					
16007		XA535	26			XA538	18			16B	9			MWA00A	07			SWW	Z2					
16008		XA535	27											SPP				SWW						
16009		XA535	28											+5V	01			SWW						
16010		XA535	29											SPP	01			SWW					KEYWAY	
16011		XA535	30											SPP	01			SWW					KEYWAY	
16012		XA535	31											SXSS33	02			SWW	Z1					
16013		XA535	32											GND	01			SWW						
16014		XA535	33											SPP	01			SWW	Z3					
16015		XA535	34			XA538	25			16B	9			MWA01A	07			SWW	Z2					
16016		XA535	35			XA536	35			1BD	2			+23VDC	12			SWW						
16017		XA535	36			XA536	36			16B	9			MWRCS0	19			SWW	Z2					
16018		XA535	37											SXCC33	02			SWW	Z2					
16019		XA535	38											SXCC32	02			SWW	Z2					
16020		XA535	39			XA539	39			16B	9			MWPB30	03			SWW						
CONNECTOR (XA535) CONTINUED ON THE NEXT PAGE ****																								

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UNIT ASSEMBLY CARD CAGE WIRED, MCU CONNECTOR FILE IDENT T39AMCMU DATE 09-02-82 PAGE 474

RECORD NUMBER	FROM PREFIX	FROM CONNECTOR	FROM PIN	FROM SH FG	TO PREFIX	TO CONNECTOR	TO PIN	TO SH FG	WIRE MULTI GROUP	WIRE CODE	WIRE COLOR	WIRE IDENT	SPC INST MISC	SIGNAL	SEQ NO	EQUATION	TERM	FACTOR	CKT OR CHIP TYPE	GROUP	LOAD OR POWER PLANE	TEST POINTS AND	TEST POINTS OR	SIGNAL DESCRIPTION	ECO NO
16021		XA535	40			XA534	75			16B	9			SXSS38	01				SWW	Z3					
16022		XA535	41			XA539	41			16B	9			MWPB40	03				SWW						
16023		XA535	42											SPP	01				SWW						
16024		XA535	43			XA538	47			16B	9			MWB06A	07				SWW	Z3					
16025		XA535	44											GND	01				SWW						
16026		XA535	45			XA534	45			16B	9			MWW03B	07				SWW	Z3					
16027		XA535	46			XA538	52			16B	9			MWB07A	07				SWW	Z3					
16028		XA535	47			XA538	43			16B	9			MWB04A	07				SWW	Z3					
16029		XA535	48			XA534	48			16B	9			MWRE3B	07				SWW	Z3					
16030		XA535	49											SPP	01				SWW					KEYWAY	
16031		XA535	50											SPP	01				SWW					KEYWAY	
16032		XA535	51											SPP	01				SWW	Z4					
16033		XA535	52			XA538	46			16B	9			MWB05A	07				SWW	Z3					
16034		XA535	53											SPP					SWW						
16035		XA535	54	2		XA536	54	2		16B	9			MWWCS0	19				SWW	Z3					
16036		XA535	55											SPP					SWW						
16037		XA535	56			XA534	73			16B	9			SXSS39	01				SWW	Z3					
16038		XA535	57											SPP					SWW						
16039		XA535	58											GND	01				SWW						
16040		XA535	59											SPP					SWW						
16041		XA535	60											SXCA39	02				SWW	Z4					
16042		XA535	61											SPP					SWW						
16043		XA535	62											SXCA38	02				SWW	Z4					
16044		XA535	63											SPP	01				SWW						
16045		XA535	64			XA538	70			16B	9			MWA06A	07				SWW	Z4					
16046		XA535	65											SPP					SWW						
16047		XA535	66			XA534	66			16B	9			MWSE3B	09				SWW	Z4					
16048		XA535	67											GND					SWW						
16049		XA535	68			XA534	68			16B	9			MWWI3B	07				SWW	Z4					
16050		XA535	69											SPP					SWW						
16051		XA535	70			XA538	64			16B	9			MWA04A	07				SWW	Z4					
16052		XA535	71											SPP					SWW						
16053		XA535	72			XA538	74			16B	9			MWA07A	07				SWW	Z4					
16054		XA535	73			XA534	56			16B	9			SXSS37	01				SWW	Z3					
16055		XA535	74			XA538	72			16B	9			MWA05A	07				SWW	Z4					
16056		XA535	75											SXSS36	02				SWW	Z3					
16057		XA535	76			XA534	76			16B	9			MWRCS0	32				SWW	Z4					
16058		XA535	77			XA534	77			1BD	2			+23VDC	25				SWW						
16059		XA535	78											SXCC36	02				SWW	Z4					
16060		XA535	79											SPP					SWW						
16061		XA535	80											SXCC37	02				SWW	Z4					
16062		XA536	01			XA537	05			16B	9			MWB09A	06				SWW	Z1					
16063		XA536	02											GND	01				SWW						
16064		XA536	03											SPP	01				SWW	Z1					
16065		XA536	04			XA537	10			16B	9			MWB08A	06				SWW	Z1					
16066		XA536	05			XA537	01			16B	9			MWB11A	06				SWW	Z1					
16067		XA536	06			XA537	06			16B	9			MWW03B	11				SWW	Z1					
16068		XA536	07											SPP	01				SWW						
CONNECTOR (XA536) CONTINUED ON THE NEXT PAGE ****																									

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RECORD NUMBER	FROM PREFIX	FROM CONNECTOR	FROM PIN	FROM SH FG	TO PREFIX	TO CONNECTOR	TO PIN	TO SH FG	WIRE MULTI GROUP	WIRE CODE	WIRE COLOR	WIRE IDENT	SPC INST MISC	SIGNAL	SEQ NO	EQUATION	TERM FACTOR	CKT OR CHIP TYPE	GROUP	LOAD OR POWER PLANE	TEST POINTS AND	TEST POINTS OR	SIGNAL DESCRIPTION	ECO NO
16069		XA536	08			XA537	08			16B	9			MWRE3B	11			SWW	Z1					
16070		XA536	09											SPP	01			SWW	Z2					
16071		XA536	10			XA537	04			16B	9			MWB10A	06			SWW	Z1					
16072		XA536	11											SPP	01			SWW						
16073		XA536	12											+5V	01			SWW						
16074		XA536	13	2		XA535	13	2		16B	9			MWWC50	31			SWW	Z1					
16075		XA536	14			XA537	19			16B	9			SXSS40	01			SWW	Z1					
16076		XA536	15											SXSS41	02			SWW	Z1					
16077		XA536	16											GND	01			SWW						
16078		XA536	17											SXCA40	02			SWW	Z2					
16079		XA536	18			XA537	26			16B	9			MWA08A	06			SWW	Z2					
16080		XA536	19			XA537	14			16B	9			SXSS42	01			SWW	Z1					
16081		XA536	20			XA537	20			16B	9			MWSE3B	13			SWW	Z2					
16082		XA536	21											SPP	01			SWW						
16083		XA536	22											SXCA41	02			SWW	Z2					
16084		XA536	23											SPP	01			SWW						
16085		XA536	24			XA537	24			16B	9			MWWI3B	03			SWW	Z2					
16086		XA536	25			XA537	34			16B	9			MWA09A	06			SWW	Z2					
16087		XA536	26			XA537	18			16B	9			MWA10A	06			SWW	Z2					
16088		XA536	27											SPP	01			SWW						
16089		XA536	28											+5V	01			SWW						
16090		XA536	29											SPP	01			SWW					KEYWAY	
16091		XA536	30											SPP	01			SWW					KEYWAY	
16092		XA536	31											SXSS43	02			SWW	Z1					
16093		XA536	32											GND	01			SWW						
16094		XA536	33											SPP	01			SWW	Z3					
16095		XA536	34			XA537	25			16B	9			MWA11A	06			SWW	Z2					
16096		XA536	35			XA537	35			1BD	2			+23VDC	13			SWW						
16097		XA536	36			XA537	36			16B	9			MWRC50	20			SWW	Z2					
16098		XA536	37											SXCC43	02			SWW	Z2					
16099		XA536	38											SXCC42	02			SWW	Z2					
16100		XA536	39			XA540	39			16B	9			MWPB50	03			SWW						
16101		XA536	40			XA537	75			16B	9			SXSS44	01			SWW	Z3					
16102		XA536	41			XA540	41			16B	9			MWPB60	03			SWW						
16103		XA536	42											SPP	01			SWW						
16104		XA536	43			XA537	47			16B	9			MWB12A	06			SWW	Z3					
16105		XA536	44											GND	01			SWW						
16106		XA536	45			XA535	45			16B	9			MWW03B	06			SWW	Z3					
16107		XA536	46			XA537	52			16B	9			MWB13A	06			SWW	Z3					
16108		XA536	47			XA537	43			16B	9			MWB14A	06			SWW	Z3					
16109		XA536	48			XA535	48			16B	9			MWRE3B	06			SWW	Z3					
16110		XA536	49											SPP	01			SWW					KEYWAY	
16111		XA536	50											SPP	01			SWW					KEYWAY	
16112		XA536	51											SPP	01			SWW	Z4					
16113		XA536	52			XA537	46			16B	9			MWB15A	06			SWW	Z3					
16114		XA536	53											SPP	01			SWW						
16115		XA536	54	1		XA537	54	1		16B	9			MWWC50	20			SWW	Z3					
16116		XA536	55											SPP	01			SWW						
16117		XA536	56			XA537	73			16B	9			SXSS45	01			SWW	Z3					
16118		XA536	57											SPP	01			SWW						
CONNECTOR (XA536) CONTINUED ON THE NEXT PAGE ****																								

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UNIT ASSEMBLY CARD CAGE WIRED, MCU CONNECTOR FILE IDENT T39AMCMU DATE 09-02-82 PAGE 476

RECORD NUMBER	FROM PREFIX	FROM CONNECTOR	FROM PIN	FROM SH TO	TO PREFIX	TO CONNECTOR	TO PIN	TO SH TO	WIRE MULTI GROUP	WIRE CODE	WIRE COLOR	WIRE IDENT	SPEC TEST MISC	SIGNAL	SEC NO	EQUATION	TERM FACTOR	CKT OR CHIP TYPE	GROUP	LOAD CP POWER PLANE	TEST POINTS ANCHOR	TEST POINTS OR	SIGNAL DESCRIPTION	ECO NO
16119		XA536	58											GND	01			SWW						
16120		XA536	59											SPP	01			SWW						
16121		XA536	60											SXCA45	02			SWW	Z4					
16122		XA536	61											SPP	01			SWW						
16123		XA536	62											SXCA44	02			SWW	Z4					
16124		XA536	63											SPP	01			SWW						
16125		XA536	64			XA537	70			16B	9			MWA12A	06			SWW	Z4					
16126		XA536	65											SPP	01			SWW						
16127		XA536	66			XA535	66			16B	9			MWSE3B	08			SWW	Z4					
16128		XA536	67											GND	01			SWW						
16129		XA536	68			XA535	68			16B	9			MWWI3B	06			SWW	Z4					
16130		XA536	69											SPP	01			SWW						
16131		XA536	70			XA537	64			16B	9			MWA14A	06			SWW	Z4					
16132		XA536	71											SPP	01			SWW						
16133		XA536	72			XA537	74			16B	9			MWA13A	06			SWW	Z4					
16134		XA536	73											SXSS47	02			SWW	Z3					
16135		XA536	74			XA537	72			16B	9			MWA15A	06			SWW	Z4					
16136		XA536	75											SXSS46	02			SWW	Z3					
16137		XA536	76			XA535	76			16B	9			MWRCS0	31			SWW	Z4					
16138		XA536	77			XA535	77			18D	2			+23VDC	24			SWW						
16139		XA536	78											SXCC46	02			SWW	Z4					
16140		XA536	79											SPP	01			SWW						
16141		XA536	80											SXCC47	02			SWW	Z4					
16142		XA537	01			XA540	05			16B	9			MWB11A	07			SWW						
16143		XA537	02											GND	01			SWW						
16144		XA537	03											SPP	01			SWW						
16145		XA537	04			XA540	10			16B	9			MWB10A	07			SWW						
16146		XA537	05			XA540	01			16B	9			MWB09A	07			SWW						
16147		XA537	06											MWW03B	12			SWW						
16148		XA537	07											SPP	01			SWW						
16149		XA537	08			XA542	38			16B	9			MWRE3B	12			SWW						
16150		XA537	09											SPP	01			SWW						
16151		XA537	10			XA540	04			16B	9			MWB08A	07			SWW						
16152		XA537	11											SPP	01			SWW						
16153		XA537	12											+5V	01			SWW						
16154		XA537	13	1		XA536	13	1		16B	9			MWWCS0	30			SWW						
16155		XA537	14											SXSS42	02			SWW						
16156		XA537	15			XA536	31			16B	9			SXSS43	01			SWW						
16157		XA537	16											GND	01			SWW						
16158		XA537	17											SXCA42	02			SWW						
16159		XA537	18			XA540	26			16B	9			MWA10A	07			SWW						
16160		XA537	19											SXSS40	02			SWW						
16161		XA537	20			XA542	33			16B	9			MWSE3B	14			SWW						
16162		XA537	21											SPP	01			SWW						
16163		XA537	22											SXCA43	02			SWW						
16164		XA537	23											SPP	01			SWW						
16165		XA537	24			XA537	68			16B	9			MWWI3B	04			SWW						
16166		XA537	25			XA540	34			16B	9			MWA11A	07			SWW						

CONNECTOR XA537 CONTINUED ON THE NEXT PAGE ****

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RECORD NUMBER	FROM PREFIX	FROM CONNECTOR	FROM PIN	FROM SHEET	TO PREFIX	TO CONNECTOR	TO PIN	TO SHEET	WIRE MULTI GROUP	WIRE CODE	WIRE COLOR	WIRE IDENT	SPEC INST MISC	SIGNAL	SEQ NO	EQUATION	TERM	FACTOR	CKT OR CHIP TYPE	GROUP	LOAD OR POWER PLANE	TEST POINTS AND	TEST POINTS OR	SIGNAL DESCRIPTION	ECO NO
16167		XA537	26			XA540	18			16B	9			MWA08A	07				SWW						
16168		XA537	27											SPP	01				SWW						
16169		XA537	28											+5V	01				SWW						
16170		XA537	29											SPP	01				SWW					KEYWAY	
16171		XA537	30											SPP	01				SWW					KEYWAY	
16172		XA537	31			XA536	15			16B	9			SXSS41	01				SWW						
16173		XA537	32											GND	01				SWW						
16174		XA537	33											SPP	01				SWW						
16175		XA537	34			XA540	25			16B	9			MWA09A	07				SWW						
16176		XA537	35			XA538	35			18D	2			+23VDC	14				SWW						
16177		XA537	36			XA538	36			16B	9			MWRCS0	21				SWW						
16178		XA537	37											SXCC41	02				SWW						
16179		XA537	38											SXCC40	02				SWW						
16180		XA537	39			XA541	39			16B	9			MWPB70	03				SWW						
16181		XA537	40			XA536	75			16B	9			SXSS46	01				SWW						
16182		XA537	41			XA541	41			16B	9			MWPB80	03				SWW						
16183		XA537	42											SPP	01				SWW						
16184		XA537	43			XA540	47			16B	9			MWB14A	07				SWW						
16185		XA537	44											GND	01				SWW						
16186		XA537	45			XA536	45			16B	9			MWW03B	05				SWW						
16187		XA537	46			XA540	52			16B	9			MWB15A	07				SWW						
16188		XA537	47			XA540	43			16B	9			MWB12A	07				SWW						
16189		XA537	48			XA536	48			16B	9			MWRE3B	05				SWW						
16190		XA537	49											SPP	01				SWW					KEYWAY	
16191		XA537	50											SPP	01				SWW					KEYWAY	
16192		XA537	51											SPP	01				SWW						
16193		XA537	52			XA540	46			16B	9			MWB13A	07				SWW						
16194		XA537	53											SPP	01				SWW						
16195		XA537	54	2		XA538	54	2		16B	9			MWWCS0	21				SWW						
16196		XA537	55											SPP	01				SWW						
16197		XA537	56			XA536	73			16B	9			SXSS47	01				SWW						
16198		XA537	57											SPP	01				SWW						
16199		XA537	58											GND	01				SWW						
16200		XA537	59											SPP	01				SWW						
16201		XA537	60											SXCA47	02				SWW						
16202		XA537	61											SPP	01				SWW						
16203		XA537	62											SXCA46	02				SWW						
16204		XA537	63											SPP	01				SWW						
16205		XA537	64			XA540	70			16B	9			MWA14A	07				SWW						
16206		XA537	65											SPP	01				SWW						
16207		XA537	66			XA536	66			16B	9			MWSE3B	07				SWW						
16208		XA537	67											GND	01				SWW						
16209		XA537	68			XA536	68			16B	9			MWWI3B	05				SWW						
16210		XA537	69											SPP	01				SWW						
16211		XA537	70			XA540	64			16B	9			MWA12A	07				SWW						
16212		XA537	71											SPP	01				SWW						
16213		XA537	72			XA540	74			16B	9			MWA15A	07				SWW						
16214		XA537	73											SXSS45	02				SWW						
16215		XA537	74			XA540	72			16B	9			MWA13A	07				SWW						
16216		XA537	75											SXSS44	02				SWW						
CONNECTOR XA537) CONTINUED ON THE NEXT PAGE ****																									

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DRAWING NUMBER 149304-880 UNIT ASSEMBLY NO. 149304 REV G INDEX XA537

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RECORD NUMBER	FROM PREFIX	FROM CONNECTOR	FROM PIN	FROM SHELL	TO PREFIX	TO CONNECTOR	TO PIN	TO SHELL	WIRE MULTI GROUP	WIRE CODE	WIRE COLOR	WIRE IDENT	SPEC INST MISC	SIGNAL	SEQ NO	EQUATION	TERM FACTOR	CKT OR CHIP TYPE	GROUP	LOAD OR POWER PLANE	TEST POINTS AND	TEST POINTS OR	SIGNAL DESCRIPTION	ECO NO
16217		XA537	76			XA536	76			16B	9			MWRCS0	30			SWW						
16218		XA537	77			XA536	77			1BD	2			+23VDC	23			SWW						
16219		XA537	78											SXCC44	02			SWW						
16220		XA537	79											SPP	01			SWW						
16221		XA537	80											SXCC45	02			SWW						
16222		XA538	01			XA535	05			16B	9			MWB01A	02			SWW	Z1					
16223		XA538	02											GND	01			SWW						
16224		XA538	03											SPP	01			SWW	Z1					
16225		XA538	04			XA539	10			16B	9			MWB00A	08			SWW	Z1					
16226		XA538	05			XA539	01			16B	9			MWB03A	08			SWW	Z1					
16227		XA538	06			XA539	06			16B	9			MWW04B	09			SWW	Z1					
16228		XA538	07											SPP	01			SWW						
16229		XA538	08			XA539	08			16B	9			MWRE4B	09			SWW	Z1					
16230		XA538	09											SPP	01			SWW	Z2					
16231		XA538	10			XA539	04			16B	9			MWB02A	08			SWW	Z1					
16232		XA538	11											SPP				SWW						
16233		XA538	12											+5V	01			SWW						
16234		XA538	13	2		XA537	13	2		16B	9			MWWCS0	29			SWW	Z1					
16235		XA538	14			XA539	19			16B	9			SXSS48	01			SWW	Z1					
16236		XA538	15											SXSS49	02			SWW	Z1					
16237		XA538	16											GND	01			SWW						
16238		XA538	17											SXCA48	02			SWW	Z2					
16239		XA538	18			XA539	26			16B	9			MWA00A	08			SWW	Z2					
16240		XA538	19			XA539	14			16B	9			SXSS50	01			SWW	Z1					
16241		XA538	20			XA539	20			16B	9			MWSE4B	09			SWW	Z2					
16242		XA538	21											SPP				SWW						
16243		XA538	22											SXCA49	02			SWW	Z2					
16244		XA538	23											SPP				SWW						
16245		XA538	24			XA539	24			16B	9			MWWI4B	01			SWW	Z2					
16246		XA538	25			XA539	34			16B	9			MWA01A	08			SWW	Z2					
16247		XA538	26			XA539	18			16B	9			MWA02A	08			SWW	Z2					
16248		XA538	27											SPP				SWW						
16249		XA538	28											+5V	01			SWW						
16250		XA538	29											SPP	01			SWW					KEYWAY	
16251		XA538	30											SPP	01			SWW					KEYWAY	
16252		XA538	31											SXSS51	02			SWW	Z1					
16253		XA538	32											GND	01			SWW						
16254		XA538	33											SPP	01			SWW	Z3					
16255		XA538	34			XA539	25			16B	9			MWA03A	08			SWW	Z2					
16256		XA538	35			XA539	35			1BD	2			+23VDC	15			SWW						
16257		XA538	36			XA539	36			16B	9			MWRCS0	22			SWW	Z2					
16258		XA538	37											SXCC51	02			SWW	Z2					
16259		XA538	38											SXCC50	02			SWW	Z2					
16260		XA538	39											MWPB10	04			SWW						
16261		XA538	40			XA539	75			16B	9			SXSS52	01			SWW	Z3					
16262		XA538	41											MWPB20	04			SWW						
16263		XA538	42											SPP	01			SWW						
16264		XA538	43			XA539	47			16B	9			MWB04A	08			SWW	Z3					
CONNECTOR XA538) CONTINUED ON THE NEXT PAGE ****																								

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DRAWING NUMBER 149304-880 UNIT ASSEMBLY NO. 149304 REV G INDEX XA538

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RECORD NUMBER	FROM PREFIX	FROM CONNECTOR	FROM PIN	FROM SH FG	TO PREFIX	TO CONNECTOR	TO PIN	TO SH FG	WIRE MULTI GROUP	WIRE CODE	WIRE COLOR	WIRE IDENT	SPEC INST MISC	SIGNAL	SEQ NO	EQUATION	TERM	FACTOR	CKT OR CHIP TYPE	GROUP	LOAD OR POWER PLANE	TEST POINTS AND	TEST POINTS OR	SIGNAL DESCRIPTION	ECO NO
16265		XA538	44											GND	01				SWW						
16266		XA538	45			XA538	06			16B	9			MWW04B	08				SWW	Z3					
16267		XA538	46			XA539	52			16B	9			MWB05A	08				SWW	Z3					
16268		XA538	47			XA539	43			16B	9			MWB06A	08				SWW	Z3					
16269		XA538	48			XA538	08			16B	9			MWRE4B	08				SWW	Z3					
16270		XA538	49											SPP	01				SWW					KEYWAY	
16271		XA538	50											SPP	01				SWW					KEYWAY	
16272		XA538	51											SPP	01				SWW	Z4					
16273		XA538	52			XA539	46			16B	9			MWB07A	08				SWW	Z3					
16274		XA538	53											SPP					SWW						
16275		XA538	54	1		XA539	54	1		16B	9			MWWCS0	22				SWW	Z3					
16276		XA538	55											SPP					SWW						
16277		XA538	56											SXSS53	02				SWW	Z3					
16278		XA538	57											SPP					SWW						
16279		XA538	58											GND	01				SWW						
16280		XA538	59											SPP					SWW						
16281		XA538	60											SXCA53	02				SWW	Z4					
16282		XA538	61											SPP					SWW						
16283		XA538	62											SXCA52	02				SWW	Z4					
16284		XA538	63											SPP	01				SWW						
16285		XA538	64			XA539	70			16B	9			MWA04A	08				SWW	Z4					
16286		XA538	65											SPP					SWW						
16287		XA538	66			XA538	20			16B	9			MWSE4B	08				SWW	Z4					
16288		XA538	67											GND					SWW						
16289		XA538	68			XA516	69			16B	9			MWWI4B	08				SWW	Z4					
16290		XA538	69											SPP					SWW						
16291		XA538	70			XA539	64			16B	9			MWA06A	08				SWW	Z4					
16292		XA538	71											SPP					SWW						
16293		XA538	72			XA539	74			16B	9			MWA05A	08				SWW	Z4					
16294		XA538	73											SXSS55	02				SWW	Z3					
16295		XA538	74			XA539	72			16B	9			MWA07A	08				SWW	Z4					
16296		XA538	75			XA539	40			16B	9			SXSS54	01				SWW	Z3					
16297		XA538	76			XA537	76			16B	9			MWRCS0	29				SWW	Z4					
16298		XA538	77			XA537	77			1BD	2			+23VDC	22				SWW						
16299		XA538	78											SXCC54	02				SWW	Z4					
16300		XA538	79											SPP					SWW						
16301		XA538	80											SXCC55	02				SWW	Z4					
16302		XA539	01											MWB03A	09				SWW	Z1					
16303		XA539	02											GND	01				SWW						
16304		XA539	03											SPP	01				SWW	Z1					
16305		XA539	04											MWB02A	09				SWW	Z1					
16306		XA539	05			XA538	01			16B	9			MWB01A	01				SWW	Z1					
16307		XA539	06			XA540	06			16B	9			MWW04B	10				SWW	Z1					
16308		XA539	07											SPP	01				SWW						
16309		XA539	08			XA540	08			16B	9			MWRE4B	10				SWW	Z1					
16310		XA539	09											SPP	01				SWW	Z2					
16311		XA539	10											MWB00A	09				SWW	Z1					
16312		XA539	11											SPP					SWW						
CONNECTOR		XA539	) CONTINUED ON			THE NEXT	PAGE	****																	

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RECORD NUMBER	FROM PREFIX	FROM CONNECTOR	FROM PIN	FROM SHT NO	TO PREFIX	TO CONNECTOR	TO PIN	TO SHT NO	WIRE MULTI GROUP	WIRE CODE	WIRE COLOR	WIRE IDENT	SPC INST MISC	SIGNAL	SEQ NO	EQUATION	TERM	FACTOR	CAT OR CHIP TYPE	GROUP	QUAD OR POWER PLANE	TEST POINTS AND	TEST POINTS OR	SIGNAL DESCRIPTION	ECO NO
16313		XA539	12											+5V	01				SWW						
16314		XA539	13	1		XA538	13	1		16B	9			MWWCS0	28				SWW	Z1					
16315		XA539	14											SXSS50	02				SWW	Z1					
16316		XA539	15			XA538	31			16B	9			SXSS51	01				SWW	Z1					
16317		XA539	16											GND	01				SWW						
16318		XA539	17											SXCA50	02				SWW	Z2					
16319		XA539	18											MWA02A	09				SWW	Z2					
16320		XA539	19											SXSS48	02				SWW	Z1					
16321		XA539	20			XA540	20			16B	9			MWSE4B	10				SWW	Z2					
16322		XA539	21											SPP					SWW						
16323		XA539	22											SXCA51	02				SWW	Z2					
16324		XA539	23											SPP					SWW						
16325		XA539	24			XA540	24			16B	9			MWWI4B	02				SWW	Z2					
16326		XA539	25											MWA03A	09				SWW	Z2					
16327		XA539	26											MWA00A	09				SWW	Z2					
16328		XA539	27											SPP					SWW						
16329		XA539	28											+5V	01				SWW						
16330		XA539	29											SPP	01				SWW					KEYWAY	
16331		XA539	30											SPP	01				SWW					KEYWAY	
16332		XA539	31			XA538	15			16B	9			SXSS49	01				SWW	Z1					
16333		XA539	32											GND	01				SWW						
16334		XA539	33											SPP	01				SWW	Z3					
16335		XA539	34											MWA01A	09				SWW	Z2					
16336		XA539	35			XA540	35			1BD	2			+23VDC	16				SWW						
16337		XA539	36			XA540	36			16B	9			MWRCS0	23				SWW	Z2					
16338		XA539	37											SXCC49	02				SWW	Z2					
16339		XA539	38											SXCC48	02				SWW	Z2					
16340		XA539	39											MWPB30	04				SWW						
16341		XA539	40											SXSS54	02				SWW	Z3					
16342		XA539	41											MWPB40	04				SWW						
16343		XA539	42											SPP	01				SWW						
16344		XA539	43											MWB06A	09				SWW	Z3					
16345		XA539	44											GND	01				SWW						
16346		XA539	45			XA538	45			16B	9			MWW04B	07				SWW	Z3					
16347		XA539	46											MWB07A	09				SWW	Z3					
16348		XA539	47											MWB04A	09				SWW	Z3					
16349		XA539	48			XA538	48			16B	9			MWRE4B	07				SWW	Z3					
16350		XA539	49											SPP	01				SWW					KEYWAY	
16351		XA539	50											SPP	01				SWW					KEYWAY	
16352		XA539	51											SPP	01				SWW	Z4					
16353		XA539	52											MWB05A	09				SWW	Z3					
16354		XA539	53											SPP					SWW						
16355		XA539	54	2		XA540	54	2		16B	9			MWWCS0	23				SWW	Z3					
16356		XA539	55											SPP					SWW						
16357		XA539	56			XA538	73			16B	9			SXSS55	01				SWW	Z3					
16358		XA539	57											SPP					SWW						
16359		XA539	58											GND	01				SWW						
16360		XA539	59											SPP					SWW						
16361		XA539	60											SXCA55	02				SWW	Z4					
16362		XA539	61											SPP					SWW						
CONNECTOR XA539) CONTINUED ON THE NEXT PAGE ****																									

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UNIT ASSEMBLY CARD CAGE WIRED, MCU CONNECTOR FILE IDENT T39AMCMU DATE 09-02-82 PAGE 481

RECORD NUMBER	FROM PREFIX	FROM CONNECTOR	FROM PIN	FROM SPEC	TO PREFIX	TO CONNECTOR	TO PIN	TO SPEC	WIRE MULTI GROUP	WIRE CODE	WIRE COLOR	WIRE IDENT	SPEC NOT USED	SIGNAL	SEQ NO	EQUATION	TERM FACTOR	CKT OR CHIP TYPE	GROUP	LOAD OR POWER PLANS	TEST POINTS AND	TEST POINTS OR	SIGNAL DESCRIPTION	ECO NO
16363		XA539	62											SXCA54	02			SWW	Z4				
16364		XA539	63											SPP	01			SWW					
16365		XA539	64											MWA06A	09			SWW	Z4				
16366		XA539	65											SPP				SWW					
16367		XA539	66			XA538	66			168	9			MWSE4B	07			SWW	Z4				
16368		XA539	67											GND				SWW					
16369		XA539	68			XA538	68			168	9			MWWI4B	07			SWW	Z4				
16370		XA539	69											SPP				SWW					
16371		XA539	70											MWA04A	09			SWW	Z4				
16372		XA539	71											SPP				SWW					
16373		XA539	72											MWA07A	09			SWW	Z4				
16374		XA539	73			XA538	56			168	9			SXSS53	01			SWW	Z3				
16375		XA539	74											MWA05A	09			SWW	Z4				
16376		XA539	75											SXSS52	02			SWW	Z3				
16377		XA539	76			XA538	76			168	9			MWRCS0	28			SWW	Z4				
16378		XA539	77			XA538	77			18D	2			+23VDC	21			SWW					
16379		XA539	78											SXCC52	02			SWW	Z4				
16380		XA539	79											SPP				SWW					
16381		XA539	80											SXCC53	02			SWW	Z4				
16382		XA540	01			XA541	05			168	9			MWB09A	08			SWW	Z1				
16383		XA540	02											GND	01			SWW					
16384		XA540	03											SPP	01			SWW	Z1				
16385		XA540	04			XA541	10			168	9			MWB08A	08			SWW	Z1				
16386		XA540	05			XA541	01			168	9			MWB11A	08			SWW	Z1				
16387		XA540	06			XA541	06			168	9			MWW04B	11			SWW	Z1				
16388		XA540	07											SPP	01			SWW					
16389		XA540	08			XA541	08			168	9			MWRE4B	11			SWW	Z1				
16390		XA540	09											SPP	01			SWW	Z2				
16391		XA540	10			XA541	04			168	9			MWB10A	08			SWW	Z1				
16392		XA540	11											SPP				SWW					
16393		XA540	12											+5V	01			SWW					
16394		XA540	13	2		XA539	13	2		168	9			MWWC50	27			SWW	Z1				
16395		XA540	14											SXSS56	02			SWW	Z1				
16396		XA540	15			XA541	31			168	9			SXSS57	01			SWW	Z1				
16397		XA540	16											GND	01			SWW					
16398		XA540	17											SXCA56	02			SWW	Z2				
16399		XA540	18			XA541	26			168	9			MWA08A	08			SWW	Z2				
16400		XA540	19											SXSS58	02			SWW	Z1				
16401		XA540	20			XA541	20			168	9			MWSE4B	11			SWW	Z2				
16402		XA540	21											SPP				SWW					
16403		XA540	22											SXCA57	02			SWW	Z2				
16404		XA540	23											SPP				SWW					
16405		XA540	24			XA541	24			168	9			MWWI4B	03			SWW	Z2				
16406		XA540	25			XA541	34			168	9			MWA09A	08			SWW	Z2				
16407		XA540	26			XA541	18			168	9			MWA10A	08			SWW	Z2				
16408		XA540	27											SPP				SWW					
16409		XA540	28											+5V	01			SWW					
16410		XA540	29											SPP	01			SWW				KEYWAY	

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RECORD NUMBER	FROM PREFIX	FROM CONNECTOR	FROM PIN	FROM SH FO	TO PREFIX	TO CONNECTOR	TO PIN	TO SH FO	WIRE MULTI GROUP	WIRE CODE	WIRE COLOR	WIRE IDENT	SPC INST MISC	SIGNAL	SEQ NO	EQUATION	TERM	FACTOR	CKT OR CHIP TYPE	GROUP	LOAD OR POWER PLANE	TEST POINTS AND	TEST POINTS OR	SIGNAL DESCRIPTION	ECO NO
16411		XA540	30											SPP	01				SWW					KEYWAY	
16412		XA540	31			XA541	15			16B	9			SXSS59	01				SWW	Z1					
16413		XA540	32											GND	01				SWW						
16414		XA540	33											SPP	01				SWW	Z3					
16415		XA540	34			XA541	25			16B	9			MWA11A	08				SWW	Z2					
16416		XA540	35			XA541	35			18D	2			+23VDC	17				SWW						
16417		XA540	36			XA541	36			16B	9			MWRCS0	24				SWW	Z2					
16418		XA540	37											SXCC59	02				SWW	Z2					
16419		XA540	38											SXCC58	02				SWW	Z2					
16420		XA540	39											MWPB50	04				SWW						
16421		XA540	40											SXSS60	02				SWW	Z3					
16422		XA540	41											MWPB60	04				SWW						
16423		XA540	42											SPP	01				SWW						
16424		XA540	43			XA541	47			16B	9			MWB12A	08				SWW	Z3					
16425		XA540	44											GND	01				SWW						
16426		XA540	45			XA539	45			16B	9			MWW04B	06				SWW	Z3					
16427		XA540	46			XA541	52			16B	9			MWB13A	08				SWW	Z3					
16428		XA540	47			XA541	43			16B	9			MWB14A	08				SWW	Z3					
16429		XA540	48			XA539	48			16B	9			MWRE4B	06				SWW	Z3					
16430		XA540	49											SPP	01				SWW					KEYWAY	
16431		XA540	50											SPP	01				SWW					KEYWAY	
16432		XA540	51											SPP	01				SWW	Z4					
16433		XA540	52			XA541	46			16B	9			MWB15A	08				SWW	Z3					
16434		XA540	53											SPP					SWW						
16435		XA540	54	1		XA541	54	1		16B	9			MWWCS0	24				SWW	Z3					
16436		XA540	55											SPP					SWW						
16437		XA540	56			XA541	73			16B	9			SXSS61	01				SWW	Z3					
16438		XA540	57											SPP					SWW						
16439		XA540	58											GND	01				SWW						
16440		XA540	59											SPP					SWW						
16441		XA540	60											SXCA61	02				SWW	Z4					
16442		XA540	61											SPP					SWW						
16443		XA540	62											SXCA60	02				SWW	Z4					
16444		XA540	63											SPP	01				SWW						
16445		XA540	64			XA541	70			16B	9			MWA12A	08				SWW	Z4					
16446		XA540	65											SPP					SWW						
16447		XA540	66			XA539	66			16B	9			MWSE4B	06				SWW	Z4					
16448		XA540	67											GND					SWW						
16449		XA540	68			XA539	68			16B	9			MWWI4B	06				SWW	Z4					
16450		XA540	69											SPP	01				SWW						
16451		XA540	70			XA541	64			16B	9			MWA14A	08				SWW	Z4					
16452		XA540	71											SPP					SWW						
16453		XA540	72			XA541	74			16B	9			MWA13A	08				SWW	Z4					
16454		XA540	73			XA541	56			16B	9			SXSS63	01				SWW	Z3					
16455		XA540	74			XA541	72			16B	9			MWA15A	08				SWW	Z4					
16456		XA540	75											SXSS62	02				SWW	Z3					
16457		XA540	76			XA539	76			16B	9			MWRCS0	27				SWW	Z4					
16458		XA540	77			XA539	77			18D	2			+23VDC	20				SWW						
16459		XA540	78											SXCC62	02				SWW	Z4					
16460		XA540	79											SPP					SWW						

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RECORD NUMBER	FROM PREFIX	FROM CONNECTOR	FROM PIN	FROM SH FG	TO PREFIX	TO CONNECTOR	TO PIN	TO SH FG	WIRE MULTI GROUP	WIRE CODE	WIRE COLOR	WIRE IDENT	SPC INSTRUC	SIGNAL	SEQ NO	EQUATION	TERM	FACTOR	CKT OR CHIP TYPE	GROUP	LOAD OR POWER PLANE	TEST POINTS AND	TEST POINTS OR	SIGNAL DESCRIPTION	ECO NO
16461		XA540	80											SXCC63	02				SWW	Z4					
16462		XA541	01											MWB11A	09				SWW	Z1					
16463		XA541	02											GND	01				SWW						
16464		XA541	03											SPP	01				SWW	Z1					
16465		XA541	04											MWB10A	09				SWW	Z1					
16466		XA541	05							16B	9			MWB09A	09				SWW	Z1					
16467		XA541	06											MWW04B	12				SWW	Z1					
16468		XA541	07											SPP	01				SWW						
16469		XA541	08											MWRE4B	12				SWW	Z1					
16470		XA541	09											SPP	01				SWW	Z2					
16471		XA541	10											MWB08A	09				SWW	Z1					
16472		XA541	11											SPP					SWW						
16473		XA541	12											+5V	01				SWW						
16474		XA541	13	1		XA540	13	1		16B	9			MWWCS0	26				SWW	Z1					
16475		XA541	14			XA540	19			16B	9			SXSS58	01				SWW	Z1					
16476		XA541	15											SXSS59	02				SWW	Z1					
16477		XA541	16											GND	01				SWW						
16478		XA541	17											SXCA58	02				SWW	Z2					
16479		XA541	18											MWA10A	09				SWW	Z2					
16480		XA541	19			XA540	14			16B	9			SXSS56	01				SWW	Z1					
16481		XA541	20											MWSE4B	12				SWW	Z2					
16482		XA541	21											SPP					SWW						
16483		XA541	22											SXCA59	02				SWW	Z2					
16484		XA541	23											SPP					SWW						
16485		XA541	24			XA541	68			16B	9			MWWI4B	04				SWW	Z2					
16486		XA541	25											MWA11A	09				SWW	Z2					
16487		XA541	26											MWA08A	09				SWW	Z2					
16488		XA541	27											SPP					SWW						
16489		XA541	28											+5V	01				SWW						
16490		XA541	29											SPP	01				SWW					KEYWAY	
16491		XA541	30											SPP	01				SWW					KEYWAY	
16492		XA541	31											SXSS57	02				SWW	Z1					
16493		XA541	32											GND	01				SWW						
16494		XA541	33											SPP	01				SWW	Z3					
16495		XA541	34											MWA09A	09				SWW	Z2					
16496		XA541	35			XA541	77			18D	2			+23VDC	18				SWW						
16497		XA541	36			XA541	76			16B	9			MWRCS0	25				SWW	Z2					
16498		XA541	37											SXCC57	02				SWW	Z2					
16499		XA541	38											SXCC56	02				SWW	Z2					
16500		XA541	39											MWPB70	04				SWW						
16501		XA541	40			XA540	75			16B	9			SXSS62	01				SWW	Z3					
16502		XA541	41											MWPB80	04				SWW						
16503		XA541	42											SPP	01				SWW						
16504		XA541	43											MWB14A	09				SWW	Z3					
16505		XA541	44											GND	01				SWW						
16506		XA541	45			XA540	45			16B	9			MWW04B	05				SWW	Z3					
16507		XA541	46											MWB15A	09				SWW	Z3					
16508		XA541	47							16B	9			MWB12A	09				SWW	Z3					
CONNECTOR (XA541) CONTINUED ON THE NEXT PAGE ****																									

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RECORD NUMBER	FROM PREFIX	FROM CONNECTOR	FROM PIN	FROM SH FG	TO PREFIX	TO CONNECTOR	TO PIN	TO SH FG	WIRE MULTI GROUP	WIRE CODE	WIRE COLOR	WIRE IDENT	SPC INST MISC	SIGNAL	SEC NO	EQUATION	TERM	FACTOR	CKT OR CHIP TYPE	GROUP	LOAD OR POWER PLANE	TEST POINTS AND	TEST POINTS OR	SIGNAL DESCRIPTION	ECO NO
16509		XA541	48			XA540	48			16B	9			MWRE4B	05				SWW	Z3					
16510		XA541	49											SPP	01				SWW					KEYWAY	
16511		XA541	50											SPP	01				SWW					KEYWAY	
16512		XA541	51											SPP	01				SWW	Z4					
16513		XA541	52											MWB13A	09				SWW	Z3					
16514		XA541	53											SPP					SWW						
16515		XA541	54	2		XA541	13	2		16B	9			MWWCS0	25				SWW	Z3					
16516		XA541	55											SPP					SWW						
16517		XA541	56											SXSS63	02				SWW	Z3					
16518		XA541	57											SPP					SWW						
16519		XA541	58											GND	01				SWW						
16520		XA541	59											SPP					SWW						
16521		XA541	60											SXCA63	02				SWW	Z4					
16522		XA541	61											SPP					SWW						
16523		XA541	62											SXCA62	02				SWW	Z4					
16524		XA541	63											SPP	01				SWW						
16525		XA541	64											MWA14A	09				SWW	Z4					
16526		XA541	65											SPP					SWW						
16527		XA541	66			XA540	66			16B	9			MWSE4B	05				SWW	Z4					
16528		XA541	67											GND					SWW						
16529		XA541	68			XA540	68			16B	9			MWWI4B	05				SWW	Z4					
16530		XA541	69											SPP	01				SWW						
16531		XA541	70											MWA12A	09				SWW	Z4					
16532		XA541	71											SPP					SWW						
16533		XA541	72											MWA15A	09				SWW	Z4					
16534		XA541	73											SXSS61	02				SWW	Z3					
16535		XA541	74											MWA13A	09				SWW	Z4					
16536		XA541	75			XA540	40			16B	9			SXSS60	01				SWW	Z3					
16537		XA541	76			XA540	76			16B	9			MWRCS0	26				SWW	Z4					
16538		XA541	77			XA540	77			1BD	2			+23VDC	19				SWW						
16539		XA541	78											SXCC60	02				SWW	Z4					
16540		XA541	79											SPP					SWW						
16541		XA541	80											SXCC61	02				SWW	Z4					
23268		XA542	01										J	MWRB1A	01	MWRB1A	00	1	TQ2	A2		02B		MWRE1B BUSS	
23286		XA542	01										P	MWRB1A	16	MWRE1B	02	1	TQ2	A2		02B			
16542		XA542	02											GND	01				TQ2			01A			
23301		XA542	03											MWSET0	09	MWSA1A	01	1	TQ2	A3		02A			
23269		XA542	04			XA234	66			16B	9			MWREA0	11	MWRB1A	01	1	TQ2	A2		04A			
23270		XA542	05			XA234	33			16B	9			MWGO10	07	MWRB1A	01	2	TQ2	A2		03B			
23256		XA542	06										J	MWRA1A	01	MWRA1A	00	1	TQ2	A1		05A		MWRE1B BUSS	
23287		XA542	06			XA542	01			16B	9		P	MWRA1A	15	MWRE1B	01	1	TQ2	A1		05A		WRD GRP 1 RD SNK*	
23302		XA542	07			XA542	05			16B	9			MWGO10	06	MWSA1A	01	2	TQ2	A3		03A			
23257		XA542	08			XA542	04			16B	9			MWREA0	10	MWRA1A	01	1	TQ2	A1		06A			
23303		XA542	09										J	MWSA1A	01	MWSA1A	00	1	TQ2	A3		04B		MWSE1B BUSS	
23331		XA542	09										P	MWSA1A	16	MWSE1B	02	1	TQ2	A3		04B			
23258		XA542	10			XA542	07			16B	9			MWGO10	05	MWRA1A	01	2	TQ2	A1		07A			
23313		XA542	11			XA542	03			16B	9			MWSET0	08	MWSB1A	01	1	TQ2	A4		05B			
16543		XA542	12											+5V	01				TQ2						

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RECORD NUMBER	FROM PREFIX	FROM CONNECTOR	FROM PIN	FROM SH FG	TO PREFIX	TO CONNECTOR	TO PIN	TO SH FG	WIRE MULTI GROUP	WIRE CODE	WIRE COLOR	WIRE IDENT	SPEC TEST MISC	SIGNAL	SEQ NO	EQUATION	TERM	FACTOR	CKT OR CHIP TYPE	GROUP	LOAD OR POWER PLANE	TEST POINTS AND	TEST POINTS OR	SIGNAL DESCRIPTION	ECO NO
23314		XA542	13			XA542	10			16B	9			MWGO10	045	MWSB1A	01	2	TQ2	A4		06B			
23271		XA542	14										J	MWRB2A	01	MWRB2A	00	1	TQ2	B2		09A		MWRE2B BUSS	
23288		XA542	14							16B	9		P	MWRB2A	16	MWRE2B	02	1	TQ2	B2		09A			
23315		XA542	15										J	MWSB1A	01	MWSB1A	00	1	TQ2	A4		07B		MWSE1B BUSS	
23332		XA542	15			XA542	09			16B	9		P	MWSB1A	15	MWSE1B	01	1	TQ2	A4		07B		WRD GRP 1 RD SRCE*	
16544		XA542	16											GND	01				TQ2			01B			
23304		XA542	17			XA542	11			16B	9			MWSETO	07	MWSA2A	01	1	TQ2	B3		08B			
23272		XA542	18			XA542	08			16B	9			MWREA0	08	MWRB2A	01	1	TQ2	B2		10A			
23305		XA542	19			XA542	20			16B	9			MWGO20	06	MWSA2A	01	2	TQ2	B3		09B			
23273		XA542	20			XA234	39			16B	9			MWGO20	07	MWRB2A	01	2	TQ2	B2		11A			
23306		XA542	21										J	MWSA2A	01	MWSA2A	00	1	TQ2	B3		10B		MWSE2B BUSS	
23333		XA542	21			XA542	27			16B	9		P	MWSA2A	15	MWSE2B	02	1	TQ2	B3		10B			
23259		XA542	22										J	MWRA2A	01	MWRA2A	00	1	TQ2	B1		12A		MWRE2B BUSS	
23289		XA542	22			XA542	14			16B	9		P	MWRA2A	15	MWRE2B	01	1	TQ2	B1		12A		WRD GRP 2 RD SNK*	
23316		XA542	23			XA542	17			16B	9			MWSETO	06	MWSB2A	01	1	TQ2	B4		11B			
23260		XA542	24			XA542	18			16B	9			MWREA0	07	MWRA2A	01	1	TQ2	B1		13A			
23317		XA542	25			XA542	19			16B	9			MWGO20	055	MWSB2A	01	2	TQ2	B4		12B			
23261		XA542	26			XA542	25			16B	9			MWGO20	05	MWRA2A	01	2	TQ2	B1		14A			
23318		XA542	27										J	MWSB2A	01	MWSB2A	00	1	TQ2	B4		13B		MWSE2B BUSS	
23334		XA542	27										P	MWSB2A	16	MWSE2B	01	1	TQ2	B4		13B		WRD GRP 2 RD SRCE*	
16545		XA542	28											+5V	01				TQ2						
23307		XA542	29			XA542	23			16B	9			MWSETO	05	MWSA3A	01	1	TQ2	C3		14B			
23274		XA542	30										J	MWRB3A	01	MWRB3A	00	1	TQ2	C2		15A		MWRE3B BUSS	
23290		XA542	30										P	MWRB3A	14	MWRE3B	02	1	TQ2	C2		15A			
23308		XA542	31			XA542	36			16B	9			MWGO30	02	MWSA3A	01	2	TQ2	C3		15B			
16546		XA542	32											GND	01				TQ2			20B			
23309		XA542	33										J	MWSA3A	01	MWSA3A	00	1	TQ2	C3		16B		MWSE3B BUSS	
23335		XA542	33			XA542	39			16B	9		P	MWSA3A	15	MWSE3B	02	1	TQ2	C3		16B			
23275		XA542	34			XA542	24			16B	9			MWREA0	05	MWRB3A	01	1	TQ2	C2		16A			
23319		XA542	35			XA542	29			16B	9			MWSETO	04	MWSB3A	01	1	TQ2	C4		17B			
23276		XA542	36			XA542	37			16B	9			MWGO30	03	MWRB3A	01	2	TQ2	C2		17A			
23320		XA542	37			XA542	42			16B	9			MWGO30	035	MWSB3A	01	2	TQ2	C4		18B			
23262		XA542	38										J	MWRA3A	01	MWRA3A	00	1	TQ2	C1		18A		MWRE3B BUSS	
23291		XA542	38			XA542	30			16B	9		P	MWRA3A	13	MWRE3B	01	1	TQ2	C1		18A		WRD GRP 3 RD SNK*	
23321		XA542	39										J	MWSB3A	01	MWSB3A	00	1	TQ2	C4		19B		MWSE3B BUSS	
23336		XA542	39										P	MWSB3A	16	MWSE3B	01	1	TQ2	C4		19B		WRD GRP 3 RD SRCE*	
23263		XA542	40			XA542	34			16B	9			MWREA0	04	MWRA3A	01	1	TQ2	C1		19A			
23310		XA542	41			XA542	35			16B	9			MWSETO	03	MWSA4A	01	1	TQ2	D3		22B			
23264		XA542	42			XA542	73			16B	9			MWGO30	04	MWRA3A	01	2	TQ2	C1		20A			
23311		XA542	43			XA234	46			16B	9			MWGO40	07	MWSA4A	01	2	TQ2	D3		23B			
16547		XA542	44											GND	01				TQ2			21B			
23312		XA542	45										J	MWSA4A	01	MWSA4A	00	1	TQ2	D3		24B		MWSE4B BUSS	
23337		XA542	45			XA542	51			16B	9		P	MWSA4A	03	MWSE4B	02	1	TQ2	D3		24B			
23277		XA542	46										J	MWRB4A	01	MWRB4A	00	1	TQ2	D2		21A		MWRE4B BUSS	
23292		XA542	46			XA541	48			16B	9		P	MWRB4A	04	MWRE4B	02	1	TQ2	D2		21A			
23322		XA542	47			XA542	41			16B	9			MWSETO	02	MWSB4A	01	1	TQ2	D4		25B			
23278		XA542	48			XA542	40			16B	9			MWREA0	02	MWRB4A	01	1	TQ2	D2		22A			
23323		XA542	49			XA542	43			16B	9			MWGO40	065	MWSB4A	01	2	TQ2	D4		26B			
23279		XA542	50			XA542	49			16B	9			MWGO40	06	MWRB4A	01	2	TQ2	D2		23A			
23324		XA542	51										J	MWSB4A	01	MWSB4A	00	1	TQ2	D4		27B		MWSE4B BUSS	
CONNECTOR XA542 CONTINUED ON THE NEXT PAGE ****																									

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DRAWING NUMBER 149304-880 UNIT ASSEMBLY NO. 149304 REV G INDEX XA542

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RECORD NUMBER	FROM PREFIX	FROM CONNECTOR	FROM PIN	FROM SH FG	TO PREFIX	TO CONNECTOR	TO PIN	TO SH FG	WIRE MULTI GROUP	WIRE CODE	WIRE COLOR	WIRE IDENT	SPC TEST MISC	SIGNAL	SEQ NO	EQUATION	TERM	FACTOR	CKT OR CHIP TYPE	GROUP	LOAD OR POWER PLANE	TEST POINTS AND OR	SIGNAL DESCRIPTION	ECO NO
23338		XA542	51			XA541	66			16B	9		P	MWSB4A	04	MWSE4B	01	1	TQ2	D4		27B	WRD GRP 4 RD SRCE*	
23265		XA542	52										J	MWRA4A	01	MWRA4A	00	1	TQ2	D1		24A	MWRE4B BUSS	
23293		XA542	52			XA542	46			16B	9		P	MWRA4A	03	MWRE4B	01	1	TQ2	D1		24A	WRD GRP 4 RD SNK*	
23441		XA542	53			XA542	59			16B	9			MWWOTO	02	MWWA2A	01	1	TQ2	E3		28B		
23266		XA542	54			XA542	48			16B	9			MWREA0	01	MWRA4A	01	1	TQ2	D1		25A		
23442		XA542	55			XA542	26			16B	9			MWG020	04	MWWA2A	01	2	TQ2	E3		29B		
23267		XA542	56			XA542	50			16B	9			MWG040	05	MWRA4A	01	2	TQ2	D1		26A		
23443		XA542	57										J	MWWA2A	01	MWWA2A	00	1	TQ2	E3		30B	MWW02B BUSS	
23506		XA542	57			XA525	45			16B	9		P	MWWA2A	04	MWW02B	01	1	TQ2	E3		30B	WRD GRP2 WRT SRCE*	
16548		XA542	58											GND	01				TQ2			27A		
23453		XA542	59			XA542	65			16B	9			MWWOTO	03	MWWB2A	01	1	TQ2	E4		31B		
23450		XA542	60										J	MWWB1A	01	MWWB1A	00	1	TQ2	E2		28A	MWW01B BUSS	
23504		XA542	60			XA521	45			16B	9		P	MWWB1A	04	MWW01B	02	1	TQ2	E2		28A		
23454		XA542	61			XA542	55			16B	9			MWG020	03	MWWB2A	01	2	TQ2	E4		32B		
23451		XA542	62											MWWOTO	09	MWWB1A	01	1	TQ2	E2		29A		
23455		XA542	63										J	MWWB2A	01	MWWB2A	00	1	TQ2	E4		33B	MWW02B BUSS	
23507		XA542	63			XA542	57			16B	9		P	MWWB2A	03	MWW02B	02	1	TQ2	E4		33B		
23452		XA542	64			XA542	13			16B	9			MWG010	04	MWWB1A	01	2	TQ2	E2		30A		
23447		XA542	65			XA542	71			16B	9			MWWOTO	04	MWWA4A	01	1	TQ2	F3		34B		
23438		XA542	66										J	MWWA1A	01	MWWA1A	00	1	TQ2	E1		31A	MWW01B BUSS	
23505		XA542	66			XA542	60			16B	9		P	MWWA1A	03	MWW01B	01	1	TQ2	E1		31A	WRD GRP1 WRT SRCE*	
16549		XA542	67											GND	01				TQ2			40A		
23439		XA542	68			XA542	62			16B	9			MWWOTO	08	MWWA1A	01	1	TQ2	E1		32A		
23448		XA542	69										J	MWWA4A	01	MWWA4A	00	1	TQ2	F3		35A	MWW04B BUSS	
23510		XA542	69			XA541	45			16B	9		P	MWWA4A	04	MWW04B	01	1	TQ2	F3		35A	WRD GRP4 WRT SRCE*	
23440		XA542	70			XA542	64			16B	9			MWG010	03	MWWA1A	01	2	TQ2	E1		33A		
23456		XA542	71			XA542	77			16B	9			MWWOTO	05	MWWB3A	01	1	TQ2	F2		36A		
23457		XA542	72										J	MWWB3A	01	MWWB3A	00	1	TQ2	F2		34A	MWW03B BUSS	
23508		XA542	72			XA537	45			16B	9		P	MWWB3A	04	MWW03B	02	1	TQ2	F2		34A		
23458		XA542	73			XA542	79			16B	9			MWG030	05	MWWB3A	01	2	TQ2	F2		36B		
23449		XA542	74			XA542	56			16B	9			MWG040	04	MWWA4A	01	2	TQ2	F3		35B		
23444		XA542	75										J	MWWA3A	01	MWWA3A	00	1	TQ2	F1		37B	MWW03B BUSS	
23509		XA542	75			XA542	72			16B	9		P	MWWA3A	03	MWW03B	01	1	TQ2	F1		37B	WRD GRP3 WRT SRCE*	
23459		XA542	76			XA542	68			16B	9			MWWOTO	07	MWWB4A	01	1	TQ2	F4		37A		
23445		XA542	77			XA542	76			16B	9			MWWOTO	06	MWWA3A	01	1	TQ2	F1		38B		
23460		XA542	78			XA542	74			16B	9			MWG040	03	MWWB4A	01	2	TQ2	F4		38A		
23446		XA542	79			XA516	79			16B	9			MWG030	06	MWWA3A	01	2	TQ2	F1		39B		
23461		XA542	80										J	MWWB4A	01	MWWB4A	00	1	TQ2	F4		39A	MWW04B BUSS	
23511		XA542	80			XA542	69			16B	9		P	MWWB4A	03	MWW04B	02	1	TQ2	F4		39A		
16550		XA543	01											SPP	01									
16551		XA543	02											GND	01									
16552		XA543	03											SPP	01									
16553		XA543	04											SPP	01									
16554		XA543	05											SPP	01									
16555		XA543	06											SPP	01									
16556		XA543	07											SPP	01									
16557		XA543	08											SPP	01									
16558		XA543	09											SPP	01									
CONNECTOR XA543) CONTINUED ON THE NEXT PAGE ****																								

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RECORD NUMBER	FROM PREFIX	FROM CONNECTOR	FROM PIN	FROM SH FG	TO PREFIX	TO CONNECTOR	TO PIN	TO SH FG	WIRE MULT GROUP	WIRE CODE	WIRE COLOR	WIRE IDENT	SPEC INST MISC	SIGNAL	SEQ NO	EQUATION	TERM	FACTOR	CKT OR CHIP TYPE	GROUP	LOAD OR POWER PLANE	TEST POINTS AND	TEST POINTS OR	SIGNAL DESCRIPTION	ECO NO
16559		XA543	10											SPP	01										
16560		XA543	11											SPP	01										
16561		XA543	12											+5V	01										
16562		XA543	13											SPP	01										
16563		XA543	14											SPP	01										
16564		XA543	15											SPP	01										
16565		XA543	16											GND	01										
16566		XA543	17											SPP	01										
16567		XA543	18											SPP	01										
16568		XA543	19											SPP	01										
16569		XA543	20											SPP	01										
16570		XA543	21											SPP	01										
16571		XA543	22											SPP	01										
16572		XA543	23											SPP	01										
16573		XA543	24											SPP	01										
16574		XA543	25											SPP	01										
16575		XA543	26											SPP	01										
16576		XA543	27											SPP	01										
16577		XA543	28											+5V	01										
16578		XA543	29											SPP	01										
16579		XA543	30											SPP	01										
16580		XA543	31											SPP	01										
16581		XA543	32											GND	01										
16582		XA543	33											SPP	01										
16583		XA543	34											SPP	01										
16584		XA543	35											SPP	01										
16585		XA543	36											SPP	01										
16586		XA543	37											SPP	01										
16587		XA543	38											SPP	01										
16588		XA543	39											SPP	01										
16589		XA543	40											SPP	01										
16590		XA543	41											SPP	01										
16591		XA543	42											SPP	01										
16592		XA543	43											SPP	01										
16593		XA543	44											GND	01										
16594		XA543	45											SPP	01										
16595		XA543	46											SPP	01										
16596		XA543	47											SPP	01										
16597		XA543	48											SPP	01										
16598		XA543	49											SPP	01										
16599		XA543	50											SPP	01										
16600		XA543	51											SPP	01										
16601		XA543	52											SPP	01										
16602		XA543	53											SPP	01										
16603		XA543	54											SPP	01										
16604		XA543	55											SPP	01										
16605		XA543	56											SPP	01										
16606		XA543	57											SPP	01										
16607		XA543	58											GND	01										
16608		XA543	59											SPP	01										
CONNECTOR XA543) CONTINUED ON THE NEXT PAGE ****																									

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DRAWING NUMBER 149304-880 UNIT ASSEMBLY NO. 149304 REV G INDEX XA543

UNIT ASSEMBLY CARD CAGE WIRED, MCU CONNECTOR FILE IDENT T39AMCMU DATE 09-02-82 PAGE 488

RECORD NUMBER	FROM PREFIX	FROM CONNECTOR	FROM PIN	FROM SH FB	TO PREFIX	TO CONNECTOR	TO PIN	TO SH FB	WIRE MULTI GROUP	WIRE CODE	WIRE COLOR	WIRE IDENT	SPEC TEST MISC	SIGNAL	SEQ NO	EQUATION	TERM	FACTOR	CKT OR CHIP TYPE	GROUP	LOAD CP POWER PLANE	TEST POINTS AND	TEST POINTS OR	SIGNAL DESCRIPTION	ECO NO
16609		XA543	60											SPP	01										
16610		XA543	61											SPP	01										
16611		XA543	62											SPP	01										
16612		XA543	63											SPP	01										
16613		XA543	64											SPP	01										
16614		XA543	65											SPP	01										
16615		XA543	66											SPP	01										
16616		XA543	67											GND	01										
16617		XA543	68											SPP	01										
16618		XA543	69											SPP	01										
16619		XA543	70											SPP	01										
16620		XA543	71											SPP	01										
16621		XA543	72											SPP	01										
16622		XA543	73											SPP	01										
16623		XA543	74											SPP	01										
16624		XA543	75											SPP	01										
16625		XA543	76											SPP	01										
16626		XA543	77											SPP	01										
16627		XA543	78											SPP	01										
16628		XA543	79											SPP	01										
16629		XA543	80											SPP	01										
16630		XA544	01											SPP	01										
16631		XA544	02											GND	01										
16632		XA544	03											SPP	01										
16633		XA544	04											SPP	01										
16634		XA544	05											SPP	01										
16635		XA544	06											SPP	01										
16636		XA544	07											SPP	01										
16637		XA544	08											SPP	01										
16638		XA544	09											SPP	01										
16639		XA544	10											SPP	01										
16640		XA544	11											SPP	01										
16641		XA544	12											+5V	01										
16642		XA544	13											SPP	01										
16643		XA544	14											SPP	01										
16644		XA544	15											SPP	01										
16645		XA544	16											GND	01										
16646		XA544	17											SPP	01										
16647		XA544	18											SPP	01										
16648		XA544	19											SPP	01										
16649		XA544	20											SPP	01										
16650		XA544	21											SPP	01										
16651		XA544	22											SPP	01										
16652		XA544	23											SPP	01										
16653		XA544	24											SPP	01										
16654		XA544	25											SPP	01										
16655		XA544	26											SPP	01										
16656		XA544	27											SPP	01										

CONNECTOR (XA544) CONTINUED ON THE NEXT PAGE ****

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RECORD NUMBER	FROM			SH FG	TO			SH FG	WIRE				SPEC INST MISC	SIGNAL	SEQ NO	EQUATION	TERM	FACTOR	CKT OR CHIP TYPE	GROUP	LOAD OR POWER PLANE	TEST POINTS		SIGNAL DESCRIPTION	ECO NO
	PREFIX	CONNECTOR	PIN		PREFIX	CONNECTOR	PIN		MULTI GROUP	CODE	COLOR	IDENT										AND	OR		
16657		XA544	28											+5V	01										
16658		XA544	29											SPP	01										
16659		XA544	30											SPP	01										
16660		XA544	31											SPP	01										
16661		XA544	32											GND	01										
16662		XA544	33											SPP	01										
16663		XA544	34											SPP	01										
16664		XA544	35											SPP	01										
16665		XA544	36											SPP	01										
16666		XA544	37											SPP	01										
16667		XA544	38											SPP	01										
16668		XA544	39											SPP	01										
16669		XA544	40											SPP	01										
16670		XA544	41											SPP	01										
16671		XA544	42											SPP	01										
16672		XA544	43											SPP	01										
16673		XA544	44											GND	01										
16674		XA544	45											SPP	01										
16675		XA544	46											SPP	01										
16676		XA544	47											SPP	01										
16677		XA544	48											SPP	01										
16678		XA544	49											SPP	01										
16679		XA544	50											SPP	01										
16680		XA544	51											SPP	01										
16681		XA544	52											SPP	01										
16682		XA544	53											SPP	01										
16683		XA544	54											SPP	01										
16684		XA544	55											SPP	01										
16685		XA544	56											SPP	01										
16686		XA544	57											SPP	01										
16687		XA544	58											GND	01										
16688		XA544	59											SPP	01										
16689		XA544	60											SPP	01										
16690		XA544	61											SPP	01										
16691		XA544	62											SPP	01										
16692		XA544	63											SPP	01										
16693		XA544	64											SPP	01										
16694		XA544	65											SPP	01										
16695		XA544	66											SPP	01										
16696		XA544	67											GND	01										
16697		XA544	68											SPP	01										
16698		XA544	69											SPP	01										
16699		XA544	70											SPP	01										
16700		XA544	71											SPP	01										
16701		XA544	72											SPP	01										
16702		XA544	73											SPP	01										
16703		XA544	74											SPP	01										
16704		XA544	75											SPP	01										
16705		XA544	76											SPP	01										
16706		XA544	77											SPP	01										
CONNECTOR XA544) CONTINUED ON THE NEXT PAGE ****																									

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RECORD NUMBER	FROM PREFIX	FROM CONNECTOR	FROM PIN	FROM SH FG	TO PREFIX	TO CONNECTOR	TO PIN	TO SH FG	WIRE MULTI GROUP	WIRE CODE	WIRE COLOR	WIRE IDENT	SPC INST MISC	SIGNAL	SEQ NO	EQUATION	TERM	FACTOR	CKT OR CHIP TYPE	GROUP	LOAD OR POWER PLANE	TEST POINTS AND	TEST POINTS OR	SIGNAL DESCRIPTION	ECO NO
16707		XA544	78											SPP	01										
16708		XA544	79											SPP	01										
16709		XA544	80											SPP	01										
16710		XA545	01											SPP	01										
16711		XA545	02											GND	01										
16712		XA545	03											SPP	01										
16713		XA545	04											SPP	01										
16714		XA545	05											SPP	01										
16715		XA545	06											SPP	01										
16716		XA545	07											SPP	01										
16717		XA545	08											SPP	01										
16718		XA545	09											SPP	01										
16719		XA545	10											SPP	01										
16720		XA545	11											SPP	01										
16721		XA545	12											+5V	01										
16722		XA545	13											SPP	01										
16723		XA545	14											SPP	01										
16724		XA545	15											SPP	01										
16725		XA545	16											GND	01										
16726		XA545	17											SPP	01										
16727		XA545	18											SPP	01										
16728		XA545	19											SPP	01										
16729		XA545	20											SPP	01										
16730		XA545	21											SPP	01										
16731		XA545	22											SPP	01										
16732		XA545	23											SPP	01										
16733		XA545	24											SPP	01										
16734		XA545	25											SPP	01										
16735		XA545	26											SPP	01										
16736		XA545	27											SPP	01										
16737		XA545	28											+5V	01										
16738		XA545	29											SPP	01										
16739		XA545	30											SPP	01										
16740		XA545	31											SPP	01										
16741		XA545	32											GND	01										
16742		XA545	33											SPP	01										
16743		XA545	34											SPP	01										
16744		XA545	35											SPP	01										
16745		XA545	36											SPP	01										
16746		XA545	37											SPP	01										
16747		XA545	38											SPP	01										
16748		XA545	39											SPP	01										
16749		XA545	40											SPP	01										
16750		XA545	41											SPP	01										
16751		XA545	42											SPP	01										
16752		XA545	43											SPP	01										
16753		XA545	44											GND	01										
16754		XA545	45											SPP	01										
CONNECTOR		XA545	) CONTINUED ON THE NEXT PAGE ****																						

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UNIT ASSEMBLY CARD CAGE WIRED, MCU CONNECTOR FILE IDENT T39AMCMU DATE 09-02-82 PAGE 491

RECORD NUMBER	FROM PREFIX	FROM CONNECTOR	FROM PIN	FROM SH FG	TO PREFIX	TO CONNECTOR	TO PIN	TO SH FG	WIRE MULTI GROUP	WIRE CODE	WIRE COLOR	WIRE IDENT	SPEC INST MISC	SIGNAL	SEQ NO	EQUATION	TERM	FACTOR	CKT OR CHIP TYPE	GROUP	LOAD OR POWER PLANE	TEST POINTS AND	TEST POINTS OR	SIGNAL DESCRIPTION	ECO NO
16755		XA545	46											SPP	01										
16756		XA545	47											SPP	01										
16757		XA545	48											SPP	01										
16758		XA545	49											SPP	01										
16759		XA545	50											SPP	01										
16760		XA545	51											SPP	01										
16761		XA545	52											SPP	01										
16762		XA545	53											SPP	01										
16763		XA545	54											SPP	01										
16764		XA545	55											SPP	01										
16765		XA545	56											SPP	01										
16766		XA545	57											SPP	01										
16767		XA545	58											GND	01										
16768		XA545	59											SPP	01										
16769		XA545	60											SPP	01										
16770		XA545	61											SPP	01										
16771		XA545	62											SPP	01										
16772		XA545	63											SPP	01										
16773		XA545	64											SPP	01										
16774		XA545	65											SPP	01										
16775		XA545	66											SPP	01										
16776		XA545	67											GND	01										
16777		XA545	68											SPP	01										
16778		XA545	69											SPP	01										
16779		XA545	70											SPP	01										
16780		XA545	71											SPP	01										
16781		XA545	72											SPP	01										
16782		XA545	73											SPP	01										
16783		XA545	74											SPP	01										
16784		XA545	75											SPP	01										
16785		XA545	76											SPP	01										
16786		XA545	77											SPP	01										
16787		XA545	78											SPP	01										
16788		XA545	79											SPP	01										
16789		XA545	80											SPP	01										
16790		XA546	01											SPP	01										
16791		XA546	02											GND	01										
16792		XA546	03											SPP	01										
16793		XA546	04											SPP	01										
16794		XA546	05											SPP	01										
16795		XA546	06											SPP	01										
16796		XA546	07											SPP	01										
16797		XA546	08											SPP	01										
16798		XA546	09											SPP	01										
16799		XA546	10											SPP	01										
16800		XA546	11											SPP	01										
16801		XA546	12											+5V	01										
16802		XA546	13											SPP	01										
CONNECTOR XA546) CONTINUED ON THE NEXT PAGE ****																									

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DRAWING NUMBER 149304-880 UNIT ASSEMBLY NO. 149304 REV G INDEX XA546

UNIT ASSEMBLY CARD CAGE WIRED, MCU CONNECTOR FILE IDENT T39AMCMU DATE 09-02-82 PAGE 492

RECORD NUMBER	FROM PREFIX	FROM CONNECTOR	FROM PIN	FROM SH PG	TO PREFIX	TO CONNECTOR	TO PIN	TO SH PG	WIRE MULTI GROUP	WIRE CODE	WIRE COLOR	WIRE IDENT	SPC INST MISC	SIGNAL	SEC NO	EQUATION	TERM	FACTOR	CKT OR CHIP TYPE	GROUP	LOAD CP POWER PLANE	TEST POINTS ANC	TEST POINTS OR	SIGNAL DESCRIPTION	ECO NO
16803		XA546	14											SPP	01										
16804		XA546	15											SPP	01										
16805		XA546	16											GND	01										
16806		XA546	17											SPP	01										
16807		XA546	18											SPP	01										
16808		XA546	19											SPP	01										
16809		XA546	20											SPP	01										
16810		XA546	21											SPP	01										
16811		XA546	22											SPP	01										
16812		XA546	23											SPP	01										
16813		XA546	24											SPP	01										
16814		XA546	25											SPP	01										
16815		XA546	26											SPP	01										
16816		XA546	27											SPP	01										
16817		XA546	28											+5V	01										
16818		XA546	29											SPP	01										
16819		XA546	30											SPP	01										
16820		XA546	31											SPP	01										
16821		XA546	32											GND	01										
16822		XA546	33											SPP	01										
16823		XA546	34											SPP	01										
16824		XA546	35											SPP	01										
16825		XA546	36											SPP	01										
16826		XA546	37											SPP	01										
16827		XA546	38											SPP	01										
16828		XA546	39											SPP	01										
16829		XA546	40											SPP	01										
16830		XA546	41											SPP	01										
16831		XA546	42											SPP	01										
16832		XA546	43											SPP	01										
16833		XA546	44											GND	01										
16834		XA546	45											SPP	01										
16835		XA546	46											SPP	01										
16836		XA546	47											SPP	01										
16837		XA546	48											SPP	01										
16838		XA546	49											SPP	01										
16839		XA546	50											SPP	01										
16840		XA546	51											SPP	01										
16841		XA546	52											SPP	01										
16842		XA546	53											SPP	01										
16843		XA546	54											SPP	01										
16844		XA546	55											SPP	01										
16845		XA546	56											SPP	01										
16846		XA546	57											SPP	01										
16847		XA546	58											GND	01										
16848		XA546	59											SPP	01										
16849		XA546	60											SPP	01										
16850		XA546	61											SPP	01										
16851		XA546	62											SPP	01										
16852		XA546	63											SPP	01										
CONNECTOR XA546) CONTINUED ON THE NEXT PAGE ****																									

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DRAWING NUMBER 149304-880 UNIT ASSEMBLY NO. 149304 REV G INDEX XA546

UNIT ASSEMBLY CARD CAGE WIRED, MCU CONNECTOR FILE IDENT T39AMCMU DATE 09-02-82 PAGE 493

RECORD NUMBER	FROM PREFIX	FROM CONNECTOR	FROM PIN	FROM SH FG	TO PREFIX	TO CONNECTOR	TO PIN	TO SH FG	WIRE MULTI GROUP	WIRE CODE	WIRE COLOR	WIRE IDENT	SPC INST MISC	SIGNAL	SEQ NO	EQUATION	TERM	FACTOR	CKT OR CHIP TYPE	GROUP	LOAD OR POWER PLANE	TEST POINTS AND	TEST POINTS OR	SIGNAL DESCRIPTION	ECO NO
16853		XA546	64											SPP	01										
16854		XA546	65											SPP	01										
16855		XA546	66											SPP	01										
16856		XA546	67											GND	01										
16857		XA546	68											SPP	01										
16858		XA546	69											SPP	01										
16859		XA546	70											SPP	01										
16860		XA546	71											SPP	01										
16861		XA546	72											SPP	01										
16862		XA546	73											SPP	01										
16863		XA546	74											SPP	01										
16864		XA546	75											SPP	01										
16865		XA546	76											SPP	01										
16866		XA546	77											SPP	01										
16867		XA546	78											SPP	01										
16868		XA546	79											SPP	01										
16869		XA546	80											SPP	01										
16870		XA547	01											SPP	01										
16871		XA547	02											GND	01										
16872		XA547	03											SPP	01										
16873		XA547	04											SPP	01										
16874		XA547	05											SPP	01										
16875		XA547	06											SPP	01										
16876		XA547	07											SPP	01										
16877		XA547	08											SPP	01										
16878		XA547	09											SPP	01										
16879		XA547	10											SPP	01										
16880		XA547	11											SPP	01										
16881		XA547	12											+5V	01										
16882		XA547	13											SPP	01										
16883		XA547	14											SPP	01										
16884		XA547	15											SPP	01										
16885		XA547	16											GND	01										
16886		XA547	17											SPP	01										
16887		XA547	18											SPP	01										
16888		XA547	19											SPP	01										
16889		XA547	20											SPP	01										
16890		XA547	21											SPP	01										
16891		XA547	22											SPP	01										
16892		XA547	23											SPP	01										
16893		XA547	24											SPP	01										
16894		XA547	25											SPP	01										
16895		XA547	26											SPP	01										
16896		XA547	27											SPP	01										
16897		XA547	28											+5V	01										
16898		XA547	29											SPP	01										
16899		XA547	30											SPP	01										
16900		XA547	31											SPP	01										

CONNECTOR XA547 CONTINUED ON THE NEXT PAGE ****

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DRAWING NUMBER 149304-880 UNIT ASSEMBLY NO. 149304 REV G INDEX XA547

UNIT ASSEMBLY CARD CAGE WIRED, MCU CONNECTOR FILE IDENT T39AMCMU DATE 09-02-82 PAGE 494

RECORD NUMBER	FROM			SH FG	TO			SH FG	WIRE				SPC INST MISC	SIGNAL	SEQ NO	EQUATION	TERM	FACTOR	CKT OR CHIP TYPE	GROUP	LOAD OF POWER PLANE	TEST POINTS		SIGNAL DESCRIPTION	ECO NO
	PREFIX	CONNECTOR	PIN		PREFIX	CONNECTOR	PIN		MULTI GROUP	CODE	COLOR	IDENT										AND	OR		
16901		XA547	32											GND	01										
16902		XA547	33											SPP	01										
16903		XA547	34											SPP	01										
16904		XA547	35											SPP	01										
16905		XA547	36											SPP	01										
16906		XA547	37											SPP	01										
16907		XA547	38											SPP	01										
16908		XA547	39											SPP	01										
16909		XA547	40											SPP	01										
16910		XA547	41											SPP	01										
16911		XA547	42											SPP	01										
16912		XA547	43											SPP	01										
16913		XA547	44											GND	01										
16914		XA547	45											SPP	01										
16915		XA547	46											SPP	01										
16916		XA547	47											SPP	01										
16917		XA547	48											SPP	01										
16918		XA547	49											SPP	01										
16919		XA547	50											SPP	01										
16920		XA547	51											SPP	01										
16921		XA547	52											SPP	01										
16922		XA547	53											SPP	01										
16923		XA547	54											SPP	01										
16924		XA547	55											SPP	01										
16925		XA547	56											SPP	01										
16926		XA547	57											SPP	01										
16927		XA547	58											GND	01										
16928		XA547	59											SPP	01										
16929		XA547	60											SPP	01										
16930		XA547	61											SPP	01										
16931		XA547	62											SPP	01										
16932		XA547	63											SPP	01										
16933		XA547	64											SPP	01										
16934		XA547	65											SPP	01										
16935		XA547	66											SPP	01										
16936		XA547	67											GND	01										
16937		XA547	68											SPP	01										
16938		XA547	69											SPP	01										
16939		XA547	70											SPP	01										
16940		XA547	71											SPP	01										
16941		XA547	72											SPP	01										
16942		XA547	73											SPP	01										
16943		XA547	74											SPP	01										
16944		XA547	75											SPP	01										
16945		XA547	76											SPP	01										
16946		XA547	77											SPP	01										
16947		XA547	78											SPP	01										
16948		XA547	79											SPP	01										
16949		XA547	80											SPP	01										

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DRAWING NUMBER 149304-880 UNIT ASSEMBLY NO. 149304 REV G INDEX XA548

UNIT ASSEMBLY CARD CAGE WIRED, MCU CONNECTOR FILE IDENT T39AMCMU DATE 09-02-82 PAGE 495

RECORD NUMBER	FROM PREFIX	FROM CONNECTOR	FROM PIN	FROM SH FG	TO PREFIX	TO CONNECTOR	TO PIN	TO SH FG	WIRE MULTI GROUP	WIRE CODE	WIRE COLOR	WIRE IDENT	SPEC INST MISC	SIGNAL	SEQ NO	EQUATION	TERM	FACTOR	CKT OR CHIP TYPE	GROUP	LOAD OR POWER PLANE	TEST POINTS AND	TEST POINTS OR	SIGNAL DESCRIPTION	ECO NO
16950		XA548	01											SPP	01										
16951		XA548	02											GND	01										
16952		XA548	03											SPP	01										
16953		XA548	04											SPP	01										
16954		XA548	05											SPP	01										
16955		XA548	06											SPP	01										
16956		XA548	07											SPP	01										
16957		XA548	08											SPP	01										
16958		XA548	09											SPP	01										
16959		XA548	10											SPP	01										
16960		XA548	11											SPP	01										
16961		XA548	12											+5V	01										
16962		XA548	13											SPP	01										
16963		XA548	14											SPP	01										
16964		XA548	15											SPP	01										
16965		XA548	16											GND	01										
16966		XA548	17											SPP	01										
16967		XA548	18											SPP	01										
16968		XA548	19											SPP	01										
16969		XA548	20											SPP	01										
16970		XA548	21											SPP	01										
16971		XA548	22											SPP	01										
16972		XA548	23											SPP	01										
16973		XA548	24											SPP	01										
16974		XA548	25											SPP	01										
16975		XA548	26											SPP	01										
16976		XA548	27											SPP	01										
16977		XA548	28											+5V	01										
16978		XA548	29											SPP	01										
16979		XA548	30											SPP	01										
16980		XA548	31											SPP	01										
16981		XA548	32											GND	01										
16982		XA548	33											SPP	01										
16983		XA548	34											SPP	01										
16984		XA548	35											SPP	01										
16985		XA548	36											SPP	01										
16986		XA548	37											SPP	01										
16987		XA548	38											SPP	01										
16988		XA548	39											SPP	01										
16989		XA548	40											SPP	01										
16990		XA548	41											SPP	01										
16991		XA548	42											SPP	01										
16992		XA548	43											SPP	01										
16993		XA548	44											GND	01										
16994		XA548	45											SPP	01										
16995		XA548	46											SPP	01										
16996		XA548	47											SPP	01										
16997		XA548	48											SPP	01										
16998		XA548	49											SPP	01										
16999		XA548	50											SPP	01										
CONNECTOR		XA548	CONTINUED ON THE NEXT PAGE ****																						

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DRAWING NUMBER 149304-880 UNIT ASSEMBLY NO. 149304 REV G INDEX XA548

UNIT ASSEMBLY CARD CAGE WIRED, MCU CONNECTOR FILE IDENT T39AMCMU DATE 09-02-82 PAGE 496

RECORD NUMBER	FROM PREFIX	FROM CONNECTOR	FROM PIN	FROM SH TO	TO PREFIX	TO CONNECTOR	TO PIN	TO SH TO	WIRE MULTI GROUP	WIRE CODE	WIRE COLOR	WIRE IDENT	SPC INST MISC	SIGNAL	SEC NO	EQUATION	TERM	FACTOR	CKT OR CHIP TYPE	GROUP	LOAD OR POWER PLANE	TEST POINTS AND	TEST POINTS OR	SIGNAL DESCRIPTION	ECO NO
17000		XA548	51											SPP	01										
17001		XA548	52											SPP	01										
17002		XA548	53											SPP	01										
17003		XA548	54											SPP	01										
17004		XA548	55											SPP	01										
17005		XA548	56											SPP	01										
17006		XA548	57											SPP	01										
17007		XA548	58											GND	01										
17008		XA548	59											SPP	01										
17009		XA548	60											SPP	01										
17010		XA548	61											SPP	01										
17011		XA548	62											SPP	01										
17012		XA548	63											SPP	01										
17013		XA548	64											SPP	01										
17014		XA548	65											SPP	01										
17015		XA548	66											SPP	01										
17016		XA548	67											GND	01										
17017		XA548	68											SPP	01										
17018		XA548	69											SPP	01										
17019		XA548	70											SPP	01										
17020		XA548	71											SPP	01										
17021		XA548	72											SPP	01										
17022		XA548	73											SPP	01										
17023		XA548	74											SPP	01										
17024		XA548	75											SPP	01										
17025		XA548	76											SPP	01										
17026		XA548	77											SPP	01										
17027		XA548	78											SPP	01										
17028		XA548	79											SPP	01										
17029		XA548	80											SPP	01										
17030		XA549	01											SPP	01										
17031		XA549	02											GND	01										
17032		XA549	03											SPP	01										
17033		XA549	04											SPP	01										
17034		XA549	05											SPP	01										
17035		XA549	06											SPP	01										
17036		XA549	07											SPP	01										
17037		XA549	08											SPP	01										
17038		XA549	09											SPP	01										
17039		XA549	10											SPP	01										
17040		XA549	11											SPP	01										
17041		XA549	12											+5V	01										
17042		XA549	13											SPP	01										
17043		XA549	14											SPP	01										
17044		XA549	15											SPP	01										
17045		XA549	16											GND	01										
17046		XA549	17											SPP	01										
17047		XA549	18											SPP	01										
CONNECTOR		XA549	) CONTINUED ON THE NEXT PAGE ****																						

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UNIT ASSEMBLY CARD CAGE WIRED, MCU CONNECTOR FILE IDENT T39AMCMU DATE 09-02-82 PAGE 497

RECORD NUMBER	FROM PREFIX	FROM CONNECTOR	FROM PIN	FROM SH FG	TO PREFIX	TO CONNECTOR	TO PIN	TO SH FG	WIRE MULTI GROUP	WIRE CODE	WIRE COLOR	WIRE IDENT	SPC INST MISC	SIGNAL	SEQ NO	EQUATION	TERM	FACTOR	CKT OR CHIP TYPE	GROUP	LOAD OR POWER PLANS	TEST POINTS AND	TEST POINTS OR	SIGNAL DESCRIPTION	ECO NO
17048		XA549	19											SPP	01										
17049		XA549	20											SPP	01										
17050		XA549	21											SPP	01										
17051		XA549	22											SPP	01										
17052		XA549	23											SPP	01										
17053		XA549	24											SPP	01										
17054		XA549	25											SPP	01										
17055		XA549	26											SPP	01										
17056		XA549	27											SPP	01										
17057		XA549	28											+5V	01										
17058		XA549	29											SPP	01										
17059		XA549	30											SPP	01										
17060		XA549	31											SPP	01										
17061		XA549	32											GND	01										
17062		XA549	33											SPP	01										
17063		XA549	34											SPP	01										
17064		XA549	35											SPP	01										
17065		XA549	36											SPP	01										
17066		XA549	37											SPP	01										
17067		XA549	38											SPP	01										
17068		XA549	39											SPP	01										
17069		XA549	40											SPP	01										
17070		XA549	41											SPP	01										
17071		XA549	42											SPP	01										
17072		XA549	43											SPP	01										
17073		XA549	44											GND	01										
17074		XA549	45											SPP	01										
17075		XA549	46											SPP	01										
17076		XA549	47											SPP	01										
17077		XA549	48											SPP	01										
17078		XA549	49											SPP	01										
17079		XA549	50											SPP	01										
17080		XA549	51											SPP	01										
17081		XA549	52											SPP	01										
17082		XA549	53											SPP	01										
17083		XA549	54											SPP	01										
17084		XA549	55											SPP	01										
17085		XA549	56											SPP	01										
17086		XA549	57											SPP	01										
17087		XA549	58											GND	01										
17088		XA549	59											SPP	01										
17089		XA549	60											SPP	01										
17090		XA549	61											SPP	01										
17091		XA549	62											SPP	01										
17092		XA549	63											SPP	01										
17093		XA549	64											SPP	01										
17094		XA549	65											SPP	01										
17095		XA549	66											SPP	01										
17096		XA549	67											GND	01										
17097		XA549	68											SPP	01										
CONNECTOR XA549) CONTINUED ON THE NEXT PAGE ****																									

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UNIT ASSEMBLY CARD CAGE WIRED, MCU CONNECTOR FILE IDENT T39AMCMU DATE 09-02-82 PAGE 498

RECORD NUMBER	FROM PREFIX	FROM CONNECTOR	FROM PIN	FROM SH FG	TO PREFIX	TO CONNECTOR	TO PIN	TO SH FG	WIRE MULTI GROUP	WIRE CODE	WIRE COLOR	WIRE IDENT	SPC INST MISC	SIGNAL	SEQ NO	EQUATION	TERM	FACTOR	CKT OR CHIP TYPE	GROUP	LOAD OR POWER PLANE	TEST POINTS AND	TEST POINTS JP	SIGNAL DESCRIPTION	ECO NO
17098		XA549	69											SPP	01										
17099		XA549	70											SPP	01										
17100		XA549	71											SPP	01										
17101		XA549	72											SPP	01										
17102		XA549	73											SPP	01										
17103		XA549	74											SPP	01										
17104		XA549	75											SPP	01										
17105		XA549	76											SPP	01										
17106		XA549	77											SPP	01										
17107		XA549	78											SPP	01										
17108		XA549	79											SPP	01										
17109		XA549	80											SPP	01										
17110		XA550	01											SPP	01										
17111		XA550	02											GND	01										
17112		XA550	03											SPP	01										
17113		XA550	04											SPP	01										
17114		XA550	05											SPP	01										
17115		XA550	06											SPP	01										
17116		XA550	07											SPP	01										
17117		XA550	08											SPP	01										
17118		XA550	09											SPP	01										
17119		XA550	10											SPP	01										
17120		XA550	11											SPP	01										
17121		XA550	12											+5V	01										
17122		XA550	13											SPP	01										
17123		XA550	14											SPP	01										
17124		XA550	15											SPP	01										
17125		XA550	16											GND	01										
17126		XA550	17											SPP	01										
17127		XA550	18											SPP	01										
17128		XA550	19											SPP	01										
17129		XA550	20											SPP	01										
17130		XA550	21											SPP	01										
17131		XA550	22											SPP	01										
17132		XA550	23											SPP	01										
17133		XA550	24											SPP	01										
17134		XA550	25											SPP	01										
17135		XA550	26											SPP	01										
17136		XA550	27											SPP	01										
17137		XA550	28											+5V	01										
17138		XA550	29											SPP	01										
17139		XA550	30											SPP	01										
17140		XA550	31											SPP	01										
17141		XA550	32											GND	01										
17142		XA550	33											SPP	01										
17143		XA550	34											SPP	01										
17144		XA550	35											SPP	01										
17145		XA550	36											SPP	01										
CONNECTOR (XA550) CONTINUED ON THE NEXT PAGE ****																									

3-2879-1

RECORD NUMBER	FROM PREFIX	FROM CONNECTOR	FROM PIN	FROM SH FG	TO PREFIX	TO CONNECTOR	TO PIN	TO SH FG	WIRE MULTI GROUP	WIRE CODE	WIRE COLOR	WIRE IDENT	SPC INST MISC	SIGNAL	SEQ NO	EQUATION	TERM	FACTOR	CKT OR CHIP TYPE	GROUP	LOAD OR POWER PLANE	TEST POINTS AND	TEST POINTS OR	SIGNAL DESCRIPTION	ECO NO
17146		XA550	37											SPP	01										
17147		XA550	38											SPP	01										
17148		XA550	39											SPP	01										
17149		XA550	40											SPP	01										
17150		XA550	41											SPP	01										
17151		XA550	42											SPP	01										
17152		XA550	43											SPP	01										
17153		XA550	44											GND	01										
17154		XA550	45											SPP	01										
17155		XA550	46											SPP	01										
17156		XA550	47											SPP	01										
17157		XA550	48											SPP	01										
17158		XA550	49											SPP	01										
17159		XA550	50											SPP	01										
17160		XA550	51											SPP	01										
17161		XA550	52											SPP	01										
17162		XA550	53											SPP	01										
17163		XA550	54											SPP	01										
17164		XA550	55											SPP	01										
17165		XA550	56											SPP	01										
17166		XA550	57											SPP	01										
17167		XA550	58											GND	01										
17168		XA550	59											SPP	01										
17169		XA550	60											SPP	01										
17170		XA550	61											SPP	01										
17171		XA550	62											SPP	01										
17172		XA550	63											SPP	01										
17173		XA550	64											SPP	01										
17174		XA550	65											SPP	01										
17175		XA550	66											SPP	01										
17176		XA550	67											GND	01										
17177		XA550	68											SPP	01										
17178		XA550	69											SPP	01										
17179		XA550	70											SPP	01										
17180		XA550	71											SPP	01										
17181		XA550	72											SPP	01										
17182		XA550	73											SPP	01										
17183		XA550	74											SPP	01										
17184		XA550	75											SPP	01										
17185		XA550	76											SPP	01										
17186		XA550	77											SPP	01										
17187		XA550	78											SPP	01										
17188		XA550	79											SPP	01										
17189		XA550	80											SPP	01										
17190		XA551	01											SPP	01										
17191		XA551	02											GND	01										
17192		XA551	03											SPP	01										
17193		XA551	04											SPP	01										
CONNECTOR XA551) CONTINUED ON THE NEXT PAGE ****																									

3-2879-1

Litton DATA SYSTEMS

DRAWING NUMBER 149304-880 UNIT ASSEMBLY NO. 149304 REV G INDEX XA551

UNIT ASSEMBLY CARD CAGE WIRED, MCU CONNECTOR FILE IDENT T39AMCMU DATE 09-02-82 PAGE 500

RECORD NUMBER	FROM PREFIX	FROM CONNECTOR	FROM PIN	FROM SH FG	TO PREFIX	TO CONNECTOR	TO PIN	TO SH FG	WIRE MULTI GROUP	WIRE CODE	WIRE COLOR	WIRE IDENT	SPC INST MISC	SIGNAL	SEC NO	EQUATION	TERM	FACTOR	CKT OR CHIP TYPE	GROUP	LOAD OR POWER PLANE	TEST POINTS AND	TEST POINTS OR	SIGNAL DESCRIPTION	ECO NO
17194		XA551	05											SPP	01										
17195		XA551	06											SPP	01										
17196		XA551	07											SPP	01										
17197		XA551	08											SPP	01										
17198		XA551	09											SPP	01										
17199		XA551	10											SPP	01										
17200		XA551	11											SPP	01										
17201		XA551	12											+5V	01										
17202		XA551	13											SPP	01										
17203		XA551	14											SPP	01										
17204		XA551	15											SPP	01										
17205		XA551	16											GND	01										
17206		XA551	17											SPP	01										
17207		XA551	18											SPP	01										
17208		XA551	19											SPP	01										
17209		XA551	20											SPP	01										
17210		XA551	21											SPP	01										
17211		XA551	22											SPP	01										
17212		XA551	23											SPP	01										
17213		XA551	24											SPP	01										
17214		XA551	25											SPP	01										
17215		XA551	26											SPP	01										
17216		XA551	27											SPP	01										
17217		XA551	28											+5V	01										
17218		XA551	29											SPP	01										
17219		XA551	30											SPP	01										
17220		XA551	31											SPP	01										
17221		XA551	32											GND	01										
17222		XA551	33											SPP	01										
17223		XA551	34											SPP	01										
17224		XA551	35											SPP	01										
17225		XA551	36											SPP	01										
17226		XA551	37											SPP	01										
17227		XA551	38											SPP	01										
17228		XA551	39											SPP	01										
17229		XA551	40											SPP	01										
17230		XA551	41											SPP	01										
17231		XA551	42											SPP	01										
17232		XA551	43											SPP	01										
17233		XA551	44											GND	01										
17234		XA551	45											SPP	01										
17235		XA551	46											SPP	01										
17236		XA551	47											SPP	01										
17237		XA551	48											SPP	01										
17238		XA551	49											SPP	01										
17239		XA551	50											SPP	01										
17240		XA551	51											SPP	01										
17241		XA551	52											SPP	01										
17242		XA551	53											SPP	01										
17243		XA551	54											SPP	01										

CONNECTOR XA551 CONTINUED ON THE NEXT PAGE ***

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3-2879-1

Litton DATA SYSTEMS

DRAWING NUMBER 149304-880 UNIT ASSEMBLY NO. 149304 REV G INDEX XA551

UNIT ASSEMBLY CARD CAGE WIRED, MCU CONNECTOR FILE IDENT T39AMCMU DATE 09-02-82 PAGE 501

RECORD NUMBER	FROM			SH FG	TO			SH FG	WIRE				SPC INST MISC	SIGNAL	SEQ NO	EQUATION	TERM	FACTOR	CKT OR CHIP TYPE	GROUP	LOAD OR POWER PLANE	TEST POINTS		SIGNAL DESCRIPTION	ECO NO
	PREFIX	CONNECTOR	PIN		PREFIX	CONNECTOR	PIN		MULTI GROUP	CODE	COLOR	IDENT										AND	OR		
17244		XA551	55											SPP	01										
17245		XA551	56											SPP	01										
17246		XA551	57											SPP	01										
17247		XA551	58											GND	01										
17248		XA551	59											SPP	01										
17249		XA551	60											SPP	01										
17250		XA551	61											SPP	01										
17251		XA551	62											SPP	01										
17252		XA551	63											SPP	01										
17253		XA551	64											SPP	01										
17254		XA551	65											SPP	01										
17255		XA551	66											SPP	01										
17256		XA551	67											GND	01										
17257		XA551	68											SPP	01										
17258		XA551	69											SPP	01										
17259		XA551	70											SPP	01										
17260		XA551	71											SPP	01										
17261		XA551	72											SPP	01										
17262		XA551	73											SPP	01										
17263		XA551	74											SPP	01										
17264		XA551	75											SPP	01										
17265		XA551	76											SPP	01										
17266		XA551	77											SPP	01										
17267		XA551	78											SPP	01										
17268		XA551	79											SPP	01										
17269		XA551	80											SPP	01										

FRAME ASSEMBLY - MASS CORE
MEMORY UNIT
STRING WIRE LIST
SM-A-837681

NOTES: UNLESS OTHERWISE SPECIFIED

1. REFERENCE TO SHEET 3 FOR DEFINITION OF FIELDS.
2. REFERENCE TO SHEET 4 FOR CONFIGURATIONS OF SHIELD AND WIRE TERMINATIONS.
3. REFERENCE TO SHEET 5 FOR WIRE CODE DEFINITIONS.
4. REFERENCE TO SHEET 6 FOR WIRE PARTS LIST.
5. ALL ABBREVIATIONS PER MIL-STD-12.
6. PAGES 1 THROUGH 8 ARE STRING LIST.
7. THROUGHOUT THE BODY OF THIS DOCUMENT THE UNIT NAME IS REFERRED TO AS: SECOND MCMU FRAME ASSY.

H78 STRING AND DOUBLE ENTRY LIST, DEFINITION OF FIELDS

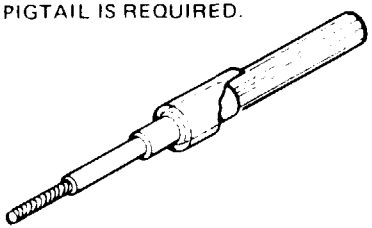
1. **Record Number** - A unique Data Processing number which associates all information pertaining to a wire: "FROM" Connector, "TO" Connector, Wire Code, etc. This number is the Wire ID when that field is blank.
2. **Prefix** - An assembly alphanumeric to be used when a wire terminates in two assemblies. This number will be the reference designation as required by USAS Y32.16-1968.
3. **Connector** - Any type of terminating point (Plug, Receptacle, etc.). Designations are in accordance with USAS Y32.16-1968.
4. **Pin** - Exact termination point of the respective connector. Designations are unique:
   A. SHXXXX indicates the junction of shield and a pigtail; the four digits to the right are the wire identity of the shielded wire.
   B. JCT indicates a common point of two or more shield pigtails.
   C. Jacket: the term used when describing the line that defines the identification of a shielded wire.
5. **Sh. Fig** - References a graphic representation showing how a shielded wire or coax is to be terminated. A number in these fields indicates the level of automatic wire wrapping.
6. **Multi Group** - Associates wire of a group such as "twisted wire" or "shielded wire". Jacket pigtails, and center conductors will be shown as a common group.
7. **Wire Code** - A three digit code for wire type and gage or buss bar.
8. **Wire Color** - Standard RETMA color code.
   A. Base Stripe Tracer.
   B. Stripe, Tracer 1, and Tracer 2 if the digit to the left is other than 9 and the two positions to the right are not blank and not equal. The base color is understood to be white.
9. **Wire Ident** - A number used for reference to differentiate one wire from another. This number will be used to identify the wire when specified in the Wire List Sleeve Code Field.
10. **Sleeve** - A code which indicates that the wire be specifically identified as follows:
    A. Identification at each end of wire.
    B. Stamp sleeving with "FROM" connector and pin.
    C. Stamp sleeving with "TO" connector and pin.
    D. Identification at intervals along wire.

H78 STRING AND DOUBLE ENTRY LIST, DEFINITION OF FIELDS - Continued

11. **Spc. Inst.** - A code which indicates that a wire must be given special attention as follows:
    A. Direct routing, no service loops, no harnessing.
    B. See general notes or instruction pages.
    C. See general notes or instruction pages.
    D. See general notes or instruction pages.
    E. See general notes or instruction pages.
    F. See signal description.
    G. This connection does not go directly to the "TO" connector but intersects aline going to the "TO" connector.
    H. See special routing page.
    I. Junction point for multilayer laminated board (MLB) connection.
    J. Denotes a buss reference point.
    K. Blank out "TO" connector and pin.
    L. Will cause a single name of three characters or less to be entered in the string list.
    M. Will cause a record to be omitted from the string list. (This record will print in the connector list.)
    N. Will suppress printing the wire identification in the harness string and double entry list.
    P. Will cause the equation to be used as the signal name only for sorting purposes in the string list.
    Q. Will cause an equation record to be omitted from logic listing.
    R. Will suppress printing the "FROM/TO" pin number in the string and connector list.
    S. Do not move record number to the identification field for an ADD transaction in the harness string and double entry only. (Use only when adding a file.)
    T. Twist wire code.
    U. Not available.
    V. See general notes or instruction pages.
    W. Fixed wire length submitted.
    X. Sequence of string is to be left as is.
    Y. See general notes or instruction pages.
    Z. Will suppress printing of the "FROM" pin.
12. **Signal** - An alphanumeric signal name, mnemonic where feasible, which identifies one specific function from another.
13. **String Seq. No.** - A number which, in conjunction with SIGNAL, allows a signal string to be consistently printed in a given order.
14. **Signal Description** - A written description or name of a signal or voltage.
15. **ECO No.** - A letter number combination to show the Engineering Change Order level of that particular wire list record.

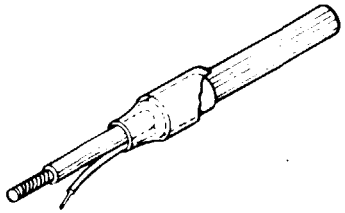
SHIELD FIGURE A

SHIELD TERMINATION FOR SHIELDED, SINGLE AND MULTIPLE CONDUCTORS, NO PIGTAIL IS REQUIRED.



SHIELD FIGURE B

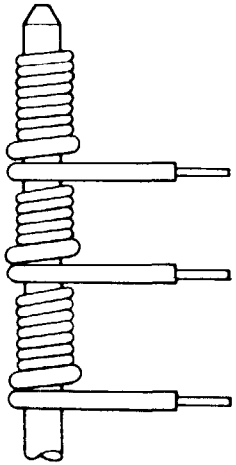
SHIELD TERMINATION FOR SHIELDED, SINGLE AND MULTIPLE CONDUCTORS, FRONT PIGTAIL IS REQUIRED.



SHIELD FIGURE NO. 3

SHIELD FIGURE NO. 2

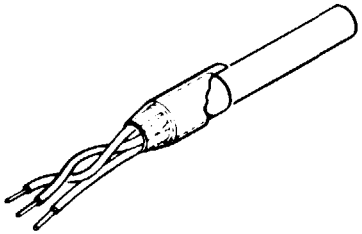
SHIELD FIGURE NO. 1



SHIELD FIGURE NUMBER INDICATES LEVEL OF WIRE WRAP

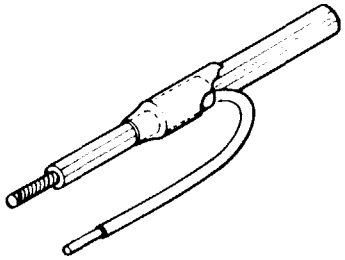
SHIELD FIGURE G

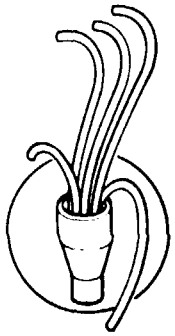
SHIELDED CABLE TERMINATION WITH DRAIN WIRE



SHIELD FIGURE C

SHIELD TERMINATION FOR SHIELDED, SINGLE AND MULTIPLE CONDUCTORS, A REAR PIGTAIL IS REQUIRED.



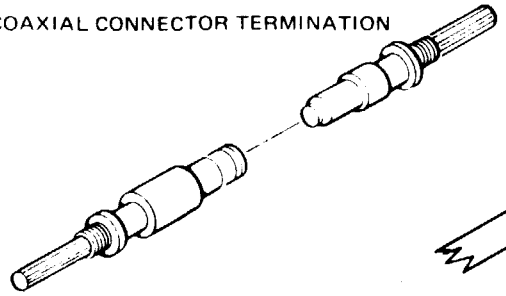


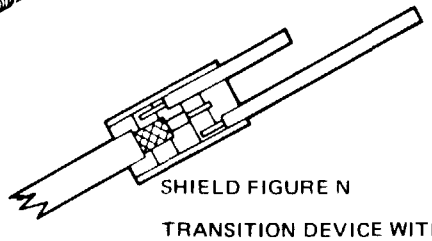
SHIELD FIGURE X

SHIELDED WIRE PIGTAILS--HYBRID

SHIELD FIGURE Z

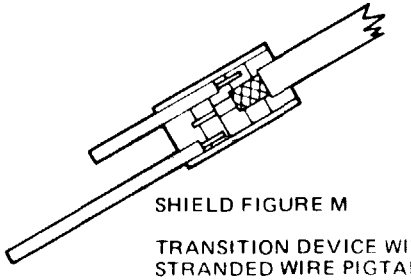
COAXIAL CONNECTOR TERMINATION





SHIELD FIGURE N

TRANSITION DEVICE WITH SOLID WIRE PIGTAILS



SHIELD FIGURE M

TRANSITION DEVICE WITH STRANDED WIRE PIGTAILS

Drawing No.
SM-A-837681
Rev. A, sheet 4

WIRE CODE DEFINITION

X X X

Type	Description	AWG
1 = Polyvinylidene Fluoride (PVF) (Kynar)	1 = Buss Wire	A = 32
2 = Teflon ET	2 = High Voltage	B = 30
3 = Teflon E	3 =	C = 28
4 = Teflon EE	4 =	D = 26
5 = Fluorinated Ethylene Propylene (FEP), Type K	5 = Integral Lead	E = 24
6 = FEP, Type KT	6 = Auto Wire Wrap	F = 22
7 = Special Condition	7 =	G = 20
8 = Polyvinyl Chloride (PVC) with Nylon Jacket, Type D	8 =	H = 18
9 = MIL-W-81044/12	9 =	I = 16
0 = Buss or Integral	0 = Special	J = 14
A = PVC without Jacket, Type B	A = Single Stranded	K = 12
B = PVC with Jacket	B = Single Solid	L = 10
C = MIL-W-22759/1	C = Single Shielded	M = 8
D = MIL-W-5086/1	D = TW Pr, Stranded	N = 6
E = MIL-W-5086/2	E = Tw Pr, Solid	P = 4

WIRE CODE DEFINITION

X X X

Type	Description	AWG
*F = MIL-C-17/94 (formerly MIL-C-17/68)	F = Tw Pr, Shielded	R = 2
*G = 898008-2	G = Tw Tpl, Stranded	S = 1
*H = 898008-1	H = Tw Tpl, Solid	T = 0
*J = MIL-C-17/29	J = Tw Tpl, Shielded	U = 00
*K = MIL-C-17/30	K = Tw Quadr, Stranded	V = 000
*L = MIL-C-17/79	L = Tw Quadr, Solid	W = 0000
*M = MIL-C-17/74	M = Tw Quadr, Shielded	X = Coax
*N = MIL-C-17/86	N = Tw Six Conductor, Stranded	Y =
*P = MIL-C-17/28	P =	Z =
*R = 898008-4	R =	1 =
*S = MIL-C-17/6	S =	2 =
*T = 898059-0001	T =	3 =
U = 898017-1	U =	4 =
V = 898017-2	V =	5 =
W = 898007-1 thru -4	W = 70 Ohm Coax	6 =
X = 898004, Type B	X = 50 Ohm Coax	7 =
Y = 898004, Type D	Y = 75 Ohm Coax	8 =
*Z = MIL-C-17/94	Z = 95 Ohm Coax	9 = Spcl
*/ = MIL-C-17/118		0 = Int Lead

NOTES: *1. Coax.

2. The word "BAR" in the Code Field indicates an electromechanical connection made possible by buss strips. Printed circuitry or power/ground planes will be coded "BUS" in the Code Field if required.

PARTS LIST

CODE IDENT	PL	REVISION
80063	SM-A-837681	A

TITLE: FRAME ASSEMBLY - MASS CORE MEMORY UNIT, WIRE LIST

CONTRACT NUMBER:

SHEET: 6

ITEM NO.	FEET OF WIRE REQD	CODE IDENT	PART OR IDENTIFYING NUMBER	DRAWING OR DOCUMENT NUMBER	NOMENCLATURE OR DESCRIPTION	REF SYM	TIMES USED	WIRE CODE	LINE REV
1	1			QQ-W-343	WIRE, ELEC, UNINSUL 26 GAGE		4	01D	
2	4		M81044/12-24-2	MIL-W-81044/12	WIRE, ELEC, CROSSLINKED POLYALKENE INSUL 150C 24 GAGE (RED)		2	9AE	
3	32		M81044/12-24-9	MIL-W-81044/12	WIRE, ELEC, CROSSLINKED POLYALKENE INSUL 150C 24 GAGE (WHITE)		16	9AE	

STRING

DRAWING NUMBER SM-A-837681 UNIT NAME SECOND MCMU FRAME ASSY. REV. A FILE IDENT TC392NDH DATE 04-28-78

RECORD NUMBER	FROM PREFIX	FROM CONNECTOR	FROM PIN	FROM SH.FIG	TO PREFIX	TO CONNECTOR	TO PIN	TO SH.FIG	WIRE MULTI GROUP	WIRE CODE	WIRE COLOR	WIRE IDENT	SLEEVE	SPC.INST.	SIGNAL	STRING SEQ. NO.	SIGNAL DESCRIPTION	ECO NO.
00001		J01	07			XDS01	E			9AE	2	0001			+5AXMU3		AUX +5V MCMU 1B	
00002		J01	08			XDS02	E			9AE	2	0002			+5AXMU4		AUX +5V MCMU 2B	
00003		J01	06			XDS01	D			9AE	9	0003			EXFLTL3		PWR FAULT MCMU 1B	
00004		XDS01	B			E01				9AE	9	0004			EXFLTL3			
00005		XDS01	D			XDS01	B			01D		0005			EXFLTL3			
00006		J01	09			XDS02	D			9AE	9	0006			EXFLTL4		PWR FAULT MCMU 2B	
00007		XDS02	B			E03				9AE	9	0007			EXFLTL4			
00008		XDS02	D			XDS02	B			01D		0008			EXFLTL4			
00009		J01	04			S01	05			9AE	9	0009			MDGND81		LOGIC GND MCMU 1A	
00010		J01	11			S02	05			9AE	9	0010			MDGND82		LOGIC GND MCMU 2A	
00011		J01	02			XDS01	C			9AE	9	0011			MDGND83		LOGIC GND MCMU 1B	
00012		XDS01	A			S01	02			9AE	9	0012			MDGND83			
00013		XDS01	C			XDS01	A			01D		0013			MDGND83			
00014		J01	13			XDS02	C			9AE	9	0014			MDGND84		LOGIC GND MCMU 2B	
00015		XDS02	A			S02	02			9AE	9	0015			MDGND84			
00016		XDS02	C			XDS02	A			01D		0016			MDGND84			
00018		J01	05			E02				9AE	9	0018			WKLTSB1		LAMP TEST MCMU 1	
00019		J01	10			E04				9AE	9	0019			WKLTSB2		LAMP TEST MCMU 2	
00020		J01	03			S01	06			9AE	9	0020			WMBA0A1		BANK ADDR MCMU 1A	
00021		J01	12			S02	06			9AE	9	0021			WMBA0A2		BANK ADDR MCMU 2A	

8-2212 R-2-1

STRING

DRAWING NUMBER SM-A-837681 UNIT NAME SECOND MCMU FRAME ASSY. REV. A FILE IDENT TC392NDH DATE 04-28-78

	RECORD NUMBER	FROM				TO				WIRE				SLEEVE	SPC. INST.	SIGNAL	STRING SEQ. NO.	SIGNAL DESCRIPTION	ECO NO.
		PREFIX	CONNECTOR	PIN	SH. FIG	PREFIX	CONNECTOR	PIN	SH. FIG	MULTI GROUP	CODE	COLOR	IDENT						
1	00022		J01	01			S01	01			9AE	9	0022			WMBA0A3		BANK ADDR MCMU 1B	
2																			
3	00023		J01	14			S02	01			9AE	9	0023			WMBA0A4		BANK ADDR MCMU 2B	
4																			
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36																			

By Order of the Secretaries of the Army, the Navy and the Air Force:

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P.S.--IF YOUR OUTFIT WANTS TO KNOW ABOUT YOUR RECOMMENDATION MAKE A CARBON COPY OF THIS AND GIVE IT TO YOUR HEADQUARTERS.

The Metric System and Equivalents

Linear Measure

1 centimeter = 10 millimeters = .39 inch
1 decimeter = 10 centimeters = 3.94 inches
1 meter = 10 decimeters = 39.37 inches
1 dekameter = 10 meters = 32.8 feet
1 hectometer = 10 dekameters = 328.08 feet
1 kilometer = 10 hectometers = 3,280.8 feet

Weights

1 centigram = 10 milligrams = .15 grain
1 decigram = 10 centigrams = 1.54 grains
1 gram = 10 decigram = .035 ounce
1 decagram = 10 grams = .35 ounce
1 hectogram = 10 decagrams = 3.52 ounces
1 kilogram = 10 hectograms = 2.2 pounds
1 quintal = 100 kilograms = 220.46 pounds
1 metric ton = 10 quintals = 1.1 short tons

Liquid Measure

1 centiliter = 10 milliters = .34 fl. ounce
1 deciliter = 10 centiliters = 3.38 fl. ounces
1 liter = 10 deciliters = 33.81 fl. ounces
1 dekaliter = 10 liters = 2.64 gallons
1 hectoliter = 10 dekaliters = 26.42 gallons
1 kiloliter = 10 hectoliters = 264.18 gallons

Square Measure

1 sq. centimeter = 100 sq. millimeters = .155 sq. inch
1 sq. decimeter = 100 sq. centimeters = 15.5 sq. inches
1 sq. meter (centare) = 100 sq. decimeters = 10.76 sq. feet
1 sq. dekameter (are) = 100 sq. meters = 1,076.4 sq. feet
1 sq. hectometer (hectare) = 100 sq. dekameters = 2.47 acres
1 sq. kilometer = 100 sq. hectometers = .386 sq. mile

Cubic Measure

1 cu. centimeter = 1000 cu. millimeters = .06 cu. inch
1 cu. decimeter = 1000 cu. centimeters = 61.02 cu. inches
1 cu. meter = 1000 cu. decimeters = 35.31 cu. feet

Approximate Conversion Factors

To change	*To*	*Multiply by*	*To change*	*To*	*Multiply by*
inches	centimeters	2.540	ounce-inches	Newton-meters	.007062
feet	meters	.305	centimeters	inches	.394
yards	meters	.914	meters	feet	3.280
miles	kilometers	1.609	meters	yards	1.094
square inches	square centimeters	6.451	kilometers	miles	.621
square feet	square meters	.093	square centimeters	square inches	.155
square yards	square meters	.836	square meters	square feet	10.764
square miles	square kilometers	2.590	square meters	square yards	1.196
acres	square hectometers	.405	square kilometers	square miles	.386
cubic feet	cubic meters	.028	square hectometers	acres	2.471
cubic yards	cubic meters	.765	cubic meters	cubic feet	35.315
fluid ounces	milliliters	29,573	cubic meters	cubic yards	1.308
pints	liters	.473	milliliters	fluid ounces	.034
quarts	liters	.946	liters	pints	2.113
gallons	liters	3.785	liters	quarts	1.057
ounces	grams	28.349	liters	gallons	.264
pounds	kilograms	.454	grams	ounces	.035
short tons	metric tons	.907	kilograms	pounds	2.205
pound-feet	Newton-meters	1.356	metric tons	short tons	1.102
pound-inches	Newton-meters	.11296			

Temperature (Exact)

°F	Fahrenheit temperature	5/9 (after subtracting 32)	Celsius temperature	°C

PIN: 054167-000