

ARMY  
NAVY  
AIR FORCE

TM 11-5895-856-34-21  
EE640-CA-MMI-210/E154 CPU  
TO 31W2-2T-122-21

---

**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**

**This copy is a reprint which includes current  
pages from Change\$ 1**

---

**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

CHANGE

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

No. 1

**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 11-5895-856-34-21/EE640-CA-MMI-210/E154 CPU/TO 31W2-2T-122-21, 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
11 and 12 .....	11 and 12

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

By Order of the Secretaries of the Army, the Navy and the Air Force:

Official:

JOHN A WICKHAM, JR.  
*General, United States Army*  
*Chief of Staff*

DONALD J. DELANDRO  
*Brigadier General, United States Army*  
*The Adjutant General*

G.B. SCHICK, JR  
*Rear Admiral, United States Navy*  
*Commander, Naval Electronic*  
*Systems Command*

Official.

EARL T. O'LOUGHLIN  
*General, USAF, Commander, Air Force*  
*Logistics Command*

CHARLES A. GABRIEL  
*General, USAF*  
*Chief of Staff*

DISTRIBUTION:

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 TRICHLORO-TRIFLUOROETHANE (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 TRICHLORO-TRIFLUOROETHANE 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 350 CONSISTING OF THE FOLLOWING:

Page.....	*Change No.
Cover .....	0
Safety Steps.....	0
a.....	0
b.....	1
i-ii.....	0
 (149304-800)	
1-11.....	0
12.....	1
13-335.....	0
Error Report Forms.....	0
Promulgation Page.....	0

\*Zero in this column indicates an original page

**TM 11-5895-856-34-21  
EE640-CA-MMI-210/E154 CPU  
TO 31W2-2T-122-21**

TECHNICAL MANUAL  
NO 11-5895-856-34-21  
TECHNICAL MANUAL  
EE640-CA-MMI-210/E154 CPU  
TECHNICAL ORDER  
TO 31W2-2T-122-21

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 21 TM 11-5895-856-34-21

Card Cage Wired - Mass Core Memory Unit, Wire List, String (149304-800)

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 string wire list for the wired card cage of the mass core memory unit, drawing number 149304-800. 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  
STRING WIRE LIST  
149304-800**

**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 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.

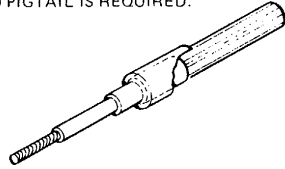
21. **Signal Description** - A written description or name of a signal or voltage.

22. **ECO No.** - A letter number combination to show the Engineering Change Order level of that particular wire list record.

Drawing No  
149304-800  
Rev G, sheet 3

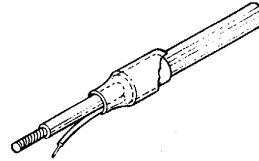
SHIELD FIGURE A

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



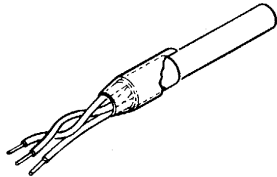
SHIELD FIGURE B

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



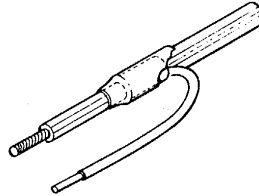
SHIELD FIGURE G

SHIELDED CABLE TERMINATION WITH DRAIN WIRE



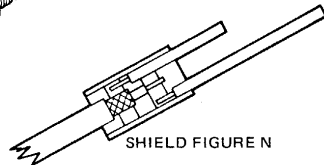
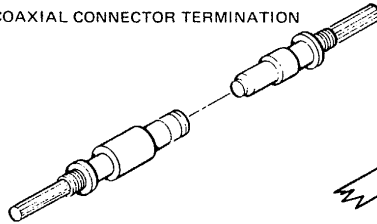
SHIELD FIGURE C

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



SHIELD FIGURE Z

COAXIAL CONNECTOR TERMINATION



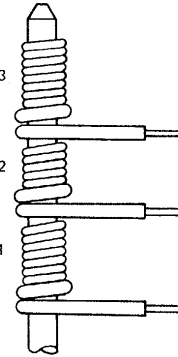
SHIELD FIGURE N

TRANSITION DEVICE WITH  
SOLID WIRE PIGTAILS

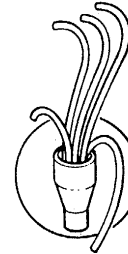
SHIELD FIGURE NO. 3

SHIELD FIGURE NO. 2

SHIELD FIGURE NO. 1

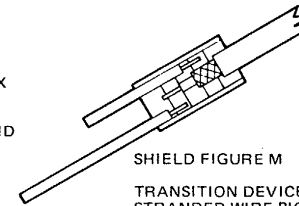


SHIELD FIGURE NUMBER  
INDICATES LEVEL OF WIRE WRAP



SHIELD FIGURE X

SHIELDED WIRE  
PIGTAILS—HYBRID



SHIELD FIGURE M

TRANSITION DEVICE WITH  
STRANDED WIRE PIGTAILS

Drawing No.  
149304-800  
Rev. G, sheet 4



WIRE CODE DEFINITION			WIRE CODE DEFINITION		
Type	Description	AWG	Type	Description	AWG
1 = Polyvinylidene Fluoride (PVF) (Kynar)	1 = Buss Wire	A = 32	*F = MIL-C-17/94 (formerly MIL-C-17/68)	F = Tw Pr, Shielded	R = 2
2 = Teflon ET	2 = High Voltage	B = 30	*G = 898008-2	G = Tw Tpl, Stranded	S = 1
3 = Teflon E	3 =	C = 28	*H = 898008-1	H = Tw Tpl, Solid	T = 0
4 = Teflon EE	4 =	D = 26	*J = MIL-C-17/29	J = Tw Tpl, Shielded	U = 00
5 = Fluorinated Ethylene Propylene (FEP), Type K	5 = Integral Lead	E = 24	*K = MIL-C-17/30	K = Tw Quadr, Stranded	V = 000
6 = FEP, Type KT	6 = Auto Wire Wrap	F = 22	*L = MIL-C-17/79	L = Tw Quadr, Solid	W = 0000
7 = Special Condition	7 =	G = 20	*M = MIL-C-17/74	M = Tw Quadr, Shielded	X = Coax
8 = Polyvinyl Chloride (PVC) with Nylon Jacket, Type D	8 =	H = 18	*N = MIL-C-17/86	N = Tw Six Conductor, Stranded	Y =
9 = MIL-W-81044/12	9 =	I = 16	*P = MIL-C-17/28	P =	Z =
0 = Buss or Integral	0 = Special	J = 14	*R = 898008-4	R =	1 =
A = PVC without Jacket, Type B	A = Single Stranded	K = 12	*S = MIL-C-17/6	S =	2 =
B = PVC with Jacket	B = Single Solid	L = 10	*T = 898059-0001	T =	3 =
C = MIL-W-22759/1	C = Single Shielded	M = 8	U = 898017-1	U =	4 =
D = MIL-W-5086/1	D = TW Pr, Stranded	N = 6	V = 898017-2	V =	5 =
E = MIL-W-5086/2	E = Tw Pr, Solid	P = 4	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

TM 11-5895-856-34-21/EE640-CA-MMI-210/E154 CPU/TO 31W2-2T-122-21

WIRE SUMMARY LIST			CODE IDENT:	DRAWING NUMBER:	REVISION:	
			13973	149304-800	G	
TITLE: CARD CAGE WIRED, MCU			PROJECT: T39A FILE: MCMU		SHEET: 6	
ITEM NUM.	PART NUMBER	MIL. NUMBER	NOMENCLATURE OR DESCRIPTION	REF SYM	TIMES USED	WIRE CODE
1.	898041-0002	MIL-W-81822/3-B	WIRE,ELEC,250V,PVF INSUL,SOLID CNDCT. 30 GAGE ( WHITE )		11	1BB
2.	898042-0004	MIL-W-81822/3-B	WIRE,ELEC,250V,PVF INSUL,SOLID CNDCT. 26 GAGE ( RED )		348	1BD
3.	898042-0002	MIL-W-81822/3-B	WIRE,ELEC,250V,PVF INSUL,SOLID CNDCT. 26 GAGE ( WHITE )		7	1BD
4.	898042-0003	MIL-W-81822/3-B	WIRE,ELEC,250V,PVF INSUL,SOLID CNDCT. 26 GAGE ( BLACK )		12	1BD
5.	898042-0005	MIL-W-81822/3-B	WIRE,ELEC,250V,PVF INSUL,SOLID CNDCT. 26 GAGE ( VIOLET )		73	1BD
6.	898041-0023	MIL-W-81822/3-B	CABLE,ELEC,TW. SOLID TWO CNDCT,250V,PVF INSUL 30 GAGE ( BLACK WHITE )		111	1EB
7.	898042-0034	MIL-W-81822/3-B	CABLE,ELEC,TW. SOLID TWO CNDCT,250V,PVF INSUL 26 GAGE ( BLACK RED )		15	1ED
8.	898042-0023	MIL-W-81822/3-B	CABLE,ELEC,TW. SOLID TWO CNDCT,250V,PVF INSUL 26 GAGE ( BLACK WHITE )		4	1ED
9.	898041-0002	MIL-W-81822/3-B	WIRE,ELEC,250V,PVF INSUL 30 GAGE ( WHITE )		7360	16B
10.	898036-0004	MIL-W-16878	WIRE,ELEC,250V,WIRE WRAP TYPE TFE INSUL 26 GAGE ( WHITE )		993	2BD
11.	898036-0112	MIL-W-16878	CABLE,ELEC,250V,TW.TWO CNDCT,W/W TFE INSUL 26 GAGE ( BLACK RED )		6	23D
12.	898036-0114	MIL-W-16878	CABLE,ELEC,250V,TW.TWO CNDCT,W/W TFE INSUL 26 GAGE ( BLACK WHITE )		270	23D

DRAWING NUMBER 149304-800 STRING  
 UNIT ASSEMBLY NAME CARD CAGE WIRED,MCU

UNIT ASSEMBLY NO. 149304  
 FILE IDENT T39AMCMU

REV G INDEX +05RES  
 DATE 09-02-82 PAGE 7

RECORD NUMBER	FROM			TO			WIRE				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	DI	MULTI GROUP	CODE	COLOR										
01252		XA106	26		XA106	39			18D	2		+05RES	01							
01268		XA106	39		XA106	43			18D	2		+05RES	02							
01272		XA106	43		XA146	79			18D	2		+05RES	03							
04474		XA146	79		XA147	79			18D	2		+05RES	04							
04533		XA147	79		XA148	79			18D	2		+05RES	05							
04632		XA148	79		XA149	79			18D	2		+05RES	06							
04711		XA149	79		XA150	79			18D	2		+05RES	07							
04789		XA150	79		XA151	79			18D	2		+05RES	08							
04871		XA151	79		XA251	79			18D	2		+05RES	09							
07312		XA251	79		XA250	79			18D	2		+05RES	10							
07226		XA250	79		XA249	79			18D	2		+05RES	11							
07149		XA249	79		XA248	79			18D	2		+05RES	12							
07070		XA248	79		XA247	79			18D	2		+05RES	13							
06991		XA247	79		XA246	79			18D	2		+05RES	14							
06912		XA246	79		XA245	79			18D	2		+05RES	15							
06830		XA245	79		XA244	79			18D	2		+05RES	16							
06751		XA244	79		XA243	79			18D	2		+05RES	17							
06672		XA243	79		XA342	04			18D	2		+05RES	18							
09115		XA342	04		XA342	03			18D	2		+05RES	19						RR4	AP
09113		XA342	03		XA342	13			18D	2		+05RES	20						RR4	AP
09124		XA342	13		XA342	14			18D	2		+05RES	21						RR4	BP
09125		XA342	14		XA342	22			18D	2		+05RES	22						RR4	BP
09133		XA342	22		XA342	21			18D	2		+05RES	23						RR4	CP
09132		XA342	21		XA342	33			18D	2		+05RES	24						RR4	CP
09144		XA342	33		XA342	34			18D	2		+05RES	25						RR4	DP
09145		XA342	34		XA342	50			18D	2		+05RES	26						RR4	DP
09161		XA342	50		XA342	49			18D	2		+05RES	27						RR4	EP
09160		XA342	49		XA342	59			18D	2		+05RES	28						RR4	EP
09170		XA342	59		XA342	60			18D	2		+05RES	29						RR4	FP
09171		XA342	60		XA342	70			18D	2		+05RES	30						RR4	FP
09182		XA342	70		XA342	69			18D	2		+05RES	31						RR4	GP
09180		XA342	69		XA343	79			18D	2		+05RES	32						RR4	GP
09272		XA343	79		XA344	79			18D	2		+05RES	35						SAM	Z4
09351		XA344	79		XA345	79			18D	2		+05RES	36						SAM	Z4
09430		XA345	79		XA346	79			18D	2		+05RES	37						SAM	Z4
09509		XA346	79		XA347	79			18D	2		+05RES	38						SAM	Z4
09588		XA347	79		XA348	79			18D	2		+05RES	39						SAM	Z4
09667		XA348	79		XA349	79			18D	2		+05RES	391						SAM	Z4
09746		XA349	79		XA350	79			18D	2		+05RES	40						SAM	Z4
09825		XA350	79		XA351	79			18D	2		+05RES	41						SAM	Z4
09909		XA351	79		XA451	79			18D	2		+05RES	42						SAM	Z4
13370		XA451	79		XA450	79			18D	2		+05RES	43						SAM	Z4
13290		XA450	79		XA449	79			18D	2		+05RES	44						SAM	Z4
13211		XA449	79		XA448	79			18D	2		+05RES	45						SAM	Z4
13132		XA448	79		XA447	79			18D	2		+05RES	46						SAM	Z4
13053		XA447	79		XA446	79			18D	2		+05RES	47						SAM	Z4
12974		XA446	79		XA445	79			18D	2		+05RES	48						SAM	Z4
12895		XA445	79		XA444	79			18D	2		+05RES	49						SAM	Z4
									****	SIGNAL	{+05RES }			IS ON THE	NEXT PAGE	****				

DRAWING NUMBER 149304-800 STRING UNIT ASSEMBLY NO. 149304 REV G INDEX +05RES  
 UNIT ASSEMBLY NAME CARD CAGE WIRED,MCU 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		SIGNAL DESCRIPTION	ECO NO
	PREFIX	CONNECTOR	PIN	SH FT	PREFIX	CONNECTOR	PIN	SH FT	MULTI GROUP	CODE	COLOR	IDENT									AND	OR		
12816		XA444	79		XA 443	79				1B0	2		+05RES	50				SAM	Z4					
12737		XA443	79		XA421	69				1B0	2		+05RES	51				SAM	Z4					
11559		XA421	69		XA421	70				1B0	2		+05RES	54				RR1	GP					
11560		XA421	70		XA421	60				1B0	2		+05RES	55				RR1	GP					
11549		XA421	60		XA421	59				1B0	2		+05RES	56				RR1	FP					
11548		XA421	59		XA421	49				1B0	2		+05RES	57				RR1	FP					
11538		XA421	49		XA421	50				1B0	2		+05RES	58				RR1	EP					
11539		XA421	50		XA421	34				1B0	2		+05RES	59				RR1	EP					
11523		XA421	34		XA421	33				1B0	2		+05RES	60				RR1	DP					
11522		XA421	33		XA421	21				1B0	2		+05RES	61				RR1	DP					
11510		XA421	21		XA421	22				1B0	2		+05RES	62				RR1	CP					
11511		XA421	22		XA421	14				1B0	2		+05RES	63				RR1	CP					
11503		XA421	14		XA421	13				1B0	2		+05RES	64				RR1	BP					
11502		XA421	13		XA421	03				1B0	2		+05RES	65				RR1	BP					
11492		XA421	03		XA421	04				1B0	2		+05RES	66				RR1	AP					
11493		XA421	04		XA330	79				1B0	2		+05RES	67				RR1	AP					
08879		XA330	79		XA330	80				1B0	2		+05RES	68				RR4	HP					
08880		XA330	80		XA330	70				1B0	2		+05RES	69				RR4	HP					
08870		XA330	70		XA330	69				1B0	2		+05RES	70				RR4	GP					
08869		XA330	69		XA330	59				1B0	2		+05RES	71				RR4	GP					
08859		XA330	59		XA330	60				1B0	2		+05RES	72				RR4	FP					
08860		XA330	60		XA330	50				1B0	2		+05RES	73				RR4	EP					
08850		XA330	50		XA330	49				1B0	2		+05RES	74				RR4	EP					
08849		XA330	49		XA330	33				1B0	2		+05RES	75				RR4	EP					
08833		XA330	33		XA330	34				1B0	2		+05RES	76				RR4	DP					
08834		XA330	34		XA330	22				1B0	2		+05RES	77				RR4	DP					
08821		XA330	22		XA330	21				1B0	2		+05RES	78				RR4	CP					
08820		XA330	21		XA330	13				1B0	2		+05RES	79				RR4	CP					
08812		XA330	13		XA330	14				1B0	2		+05RES	80				RR4	BP					
08813		XA330	14		XA330	04				1B0	2		+05RES	81				RR4	BP					
08803		XA330	04		XA330	03				1B0	2		+05RES	82				RR4	AP					
08802		XA330	03		XA342	69				1B0	2		+05RES	83				RR4	AP					
09181		XA342	69										+05RES	84				RR4	GP					
01253		XA106	26		XA 342	03				1B0	2		+05RES	85				MTS						
09114		XA342	03										+05RES	86				RR4	AP					
01273		XA106	43		XA330	22				1B0	2		+05RES	89				MTS						
08822		XA330	22										+05RES	90				RR4	CP					
01247		XA106	21		J01	D1				1B0	2		+05RES1	01				MTS						
00052		J01	D1										+05RES1	02				EX9						
01276		XA106	45		XA 106	28				1B0	2		+05VLS	01				MTS						
01255		XA106	28										+05VLS	02				MTS						
02455		XA121	14		XA110	14				1B0	2		+12VOLT	001				SWT						
01567		XA110	14		XA111	14				1B0	2		+12VOLT	002				SWT						
01649		XA111	14		XA112	14				1B0	2		+12VOLT	003				SWT						
01729		XA112	14		XA113	14				1B0	2		+12VOLT	004				SWT						
01809		XA113	14		XA114	14				1B0	2		+12VOLT	005				SWT						
01889		XA114	14		XA115	14				1B0	2		+12VOLT	006				SWT						
										****		SIGNAL	+12VOLT										IS ON THE NEXT PAGE ****	

DRAWING NUMBER 149304-800 STRING  
 UNIT ASSEMBLY NAME CARD CAGE WIRED,MCU

UNIT ASSEMBLY NO. 149304  
 FILE IDENT T39AMCMU

REV G INDEX +12VOLT  
 DATE 09-02-82 PAGE 9

RECORD NUMBER	PREFIX	CONNECTOR	PIN	SPEC	PREFIX	CONNECTOR	PIN	SPEC	MULTI GROUP	CODE	COLOR	IDENT	SPEC IN. MISC	SIGNAL	SEQ NO	EQUATION	TERM	FACT	OR CHIP TYPE	GROUP	CCU OR POWER PLANE	TEST POINTS AND OR	SIGNAL DESCRIPTION	ECO NO	
01970		XA115	14			XA116	14			18D	2			+12VOLT	007				SWT						
02052		XA116	14			XA117	14			18D	2			+12VOLT	008				SWT						
02132		XA117	14			XA118	14			18D	2			+12VOLT	009				SWT						
02214		XA118	14			XA119	14			18D	2			+12VOLT	010				SWT						
02295		XA119	14			XA120	14			18D	2			+12VOLT	011				SWT						
02375		XA120	14			XA121	47			18D	2			+12VOLT	012				SWT						
02488		XA121	47			XA120	47			18D	2			+12VOLT	013				SWT						
02408		XA120	47			XA119	47			18D	2			+12VOLT	014				SWT						
02328		XA119	47			XA118	47			18D	2			+12VOLT	015				SWT						
02247		XA118	47			XA117	47			18D	2			+12VOLT	016				SWT						
02166		XA117	47			XA116	47			18D	2			+12VOLT	017				SWT						
02085		XA116	47			XA115	47			18D	2			+12VOLT	018				SWT						
02004		XA115	47			XA114	47			18D	2			+12VOLT	019				SWT						
01922		XA114	47			XA113	47			18D	2			+12VOLT	020				SWT						
01842		XA113	47			XA112	47			18D	2			+12VOLT	021				SWT						
01762		XA112	47			XA111	47			18D	2			+12VOLT	022				SWT						
01682		XA111	47			XA110	47			18D	2			+12VOLT	023				SWT						
01601		XA110	47			XA207	14			18D	2			+12VOLT	024				SWT						
05380		XA207	14			XA206	14			18D	2			+12VOLT	025				SWT						
05298		XA206	14			XA208	14			18D	2			+12VOLT	026				SWT						
05462		XA208	14			XA209	14			18D	2			+12VOLT	027				SWT						
05543		XA209	14			XA210	14			18D	2			+12VOLT	028				SWT						
05623		XA210	14			XA211	14			18D	2			+12VOLT	029				SWT						
05705		XA211	14			XA212	14			18D	2			+12VOLT	030				SWT						
05786		XA212	14			XA213	14			18D	2			+12VOLT	031				SWT						
05867		XA213	14			XA214	14			18D	2			+12VOLT	032				SWT						
05947		XA214	14			XA214	47			18D	2			+12VOLT	033				SWT						
05981		XA214	47			XA213	47			18D	2			+12VOLT	034				SWT						
05900		XA213	47			XA212	47			18D	2			+12VOLT	035				SWT						
05820		XA212	47			XA211	47			18D	2			+12VOLT	036				SWT						
05738		XA211	47			XA210	47			18D	2			+12VOLT	037				SWT						
05657		XA210	47			XA209	47			18D	2			+12VOLT	038				SWT						
05576		XA209	47			XA208	47			18D	2			+12VOLT	039				SWT						
05496		XA208	47			XA207	47			18D	2			+12VOLT	040				SWT						
05414		XA207	47			XA206	47			18D	2			+12VOLT	041				SWT						
05332		XA206	47			XA307	14			18D	2			+12VOLT	042				SWT						
07854		XA307	14			XA308	14			18D	2			+12VOLT	043				SWT						
07936		XA308	14			XA309	14			18D	2			+12VOLT	044				SWT						
08016		XA309	14			XA310	14			18D	2			+12VOLT	045				SWT						
08096		XA310	14			XA311	14			18D	2			+12VOLT	046				SWT						
08178		XA311	14			XA312	14			18D	2			+12VOLT	047				SWT						
08260		XA312	14			XA313	14			18D	2			+12VOLT	048				SWT						
08340		XA313	14			XA314	14			18D	2			+12VOLT	049				SWT						
08420		XA314	14			XA314	47			18D	2			+12VOLT	050				SWT						
08454		XA314	47			XA313	47			18D	2			+12VOLT	051				SWT						
08373		XA313	47			XA312	47			18D	2			+12VOLT	052				SWT						
08293		XA312	47			XA311	47			18D	2			+12VOLT	053				SWT						
08212		XA311	47			XA310	47			18D	2			+12VOLT	054				SWT						
08130		XA310	47			XA309	47			18D	2			+12VOLT	055				SWT						
08049		XA309	47			XA308	47			18D	2			+12VOLT	056				SWT						
										****		SIGNAL		+12VOLT		IS ON THE		NEXT PAGE	****						

DRAWING NUMBER 149304-800 STRING  
 UNIT ASSEMBLY NAME CARD CAGE WIRED,MCU

UNIT ASSEMBLY NO. 149304  
 FILE IDENT T39AMCMU

REV G INDEX +12VOLT  
 DATE 09-02-82 PAGE 10

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	PREFIX	CONNECTOR	PIN	MULTI GROUP	CODE	COLOR	IDENT												
07969		XA308	47		XA307	47		18D	2			+12VOLT	057									SWT
07888		XA307	47		XA408	14		18D	2			+12VOLT	058									SWT
10529		XA408	14		XA409	14		18D	2			+12VOLT	059									SWT
10609		XA409	14		XA410	14		18D	2			+12VOLT	060									SWT
10689		XA410	14		XA411	14		18D	2			+12VOLT	061									SWT
10769		XA411	14		XA412	14		18D	2			+12VOLT	062									SWT
10849		XA412	14		XA413	14		18D	2			+12VOLT	063									SWT
10929		XA413	14		XA414	14		18D	2			+12VOLT	064									SWT
11011		XA414	14		XA415	14		18D	2			+12VOLT	065									SWT
11093		XA415	14		XA416	14		18D	2			+12VOLT	066									SWT
11174		XA416	14		XA417	14		18D	2			+12VOLT	067									SWT
11254		XA417	14		XA418	14		18D	2			+12VOLT	068									SWT
11334		XA418	14		XA419	14		18D	2			+12VOLT	069									SWT
11414		XA419	14		XA419	47		18D	2			+12VOLT	070									SWT
11447		XA419	47		XA418	47		18D	2			+12VOLT	071									SWT
11367		XA418	47		XA417	47		18D	2			+12VOLT	072									SWT
11287		XA417	47		XA416	47		18D	2			+12VOLT	073									SWT
11207		XA416	47		XA415	47		18D	2			+12VOLT	074									SWT
11126		XA415	47		XA414	47		18D	2			+12VOLT	075									SWT
11045		XA414	47		XA413	47		18D	2			+12VOLT	076									SWT
10963		XA413	47		XA412	47		18D	2			+12VOLT	077									SWT
10882		XA412	47		XA411	47		18D	2			+12VOLT	078									SWT
10802		XA411	47		XA410	47		18D	2			+12VOLT	079									SWT
10722		XA410	47		XA409	47		18D	2			+12VOLT	080									SWT
10642		XA409	47		XA408	47		18D	2			+12VOLT	081									SWT
10561		XA408	47		XA505	14		18D	2			+12VOLT	082									SWT
13725		XA505	14		XA504	14		18D	2			+12VOLT	083									SWT
13639		XA504	14		XA503	14		18D	2			+12VOLT	084									SWT
13554		XA503	14		XA506	14		18D	2			+12VOLT	085									SWT
13805		XA506	14		XA507	14		18D	2			+12VOLT	086									SWT
13885		XA507	14		XA508	14		18D	2			+12VOLT	087									SWT
13965		XA508	14		XA509	14		18D	2			+12VOLT	088									SWT
14045		XA509	14		XA510	14		18D	2			+12VOLT	089									SWT
14127		XA510	14		XA511	14		18D	2			+12VOLT	090									SWT
14208		XA511	14		XA512	14		18D	2			+12VOLT	091									SWT
14288		XA512	14		XA513	14		18D	2			+12VOLT	092									SWT
14368		XA513	14		XA514	14		18D	2			+12VOLT	093									SWT
14449		XA514	14		XA514	47		18D	2			+12VOLT	094									SWT
14483		XA514	47		XA513	47		18D	2			+12VOLT	095									SWT
14401		XA513	47		XA512	47		18D	2			+12VOLT	096									SWT
14321		XA512	47		XA511	47		18D	2			+12VOLT	097									SWT
14241		XA511	47		XA510	47		18D	2			+12VOLT	098									SWT
14161		XA510	47		XA509	47		18D	2			+12VOLT	099									SWT
14079		XA509	47		XA508	47		18D	2			+12VOLT	100									SWT
13998		XA508	47		XA507	47		18D	2			+12VOLT	101									SWT
13918		XA507	47		XA506	47		18D	2			+12VOLT	102									SWT
13838		XA506	47		XA505	47		18D	2			+12VOLT	103									SWT
13758		XA505	47		XA504	47		18D	2			+12VOLT	104									SWT
13676		XA504	47		XA503	47		18D	2			+12VOLT	105									SWT
13589		XA503	47									+12VOLT	106									SWT
								****		SIGNAL		(+12VOLT)										IS ON THE NEXT PAGE ****



DRAWING NUMBER 149304-800 STRING  
 UNIT ASSEMBLY NAME CARD CAGE WIRED,MCU

UNIT ASSEMBLY NO. 149304  
 FILE IDENT T39AMCMU

REV G INDEX +23VDC  
 DATE 09-02-82 PAGE 12

RECORD NUMBER	FROM				TO				WIRE				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 FTG	PREFIX	CONNECTOR	PIN	SH FTG	MULTI GROUP	CODE	COLOR	IDENT											
15693		XA531	34			XA534	35			18D	2		+23VDC	102				PBD					
15936		XA534	35			XA535	35			18D	2		+23VDC	11				SWW					
16016		XA535	35			XA536	35			18D	2		+23VDC	12				SWW					
16096		XA536	35			XA537	35			18D	2		+23VDC	13				SWW					
16176		XA537	35			XA538	35			18D	2		+23VDC	14				SWW					
16256		XA538	35			XA539	35			18D	2		+23VDC	15				SWW					
16336		XA539	35			XA540	35			18D	2		+23VDC	16				SWW					
16416		XA540	35			XA541	35			18D	2		+23VDC	17				SWW					
16496		XA541	35			XA541	77			18D	2		+23VDC	18				SWW					
16538		XA541	77			XA540	77			18D	2		+23VDC	19				SWW					
16458		XA540	77			XA539	77			18D	2		+23VDC	20				SWW					
16378		XA539	77			XA538	77			18D	2		+23VDC	21				SWW					
16298		XA538	77			XA537	77			18D	2		+23VDC	22				SWW					
16218		XA537	77			XA536	77			18D	2		+23VDC	23				SWW					
16138		XA536	77			XA535	77			18D	2		+23VDC	24				SWW					
16058		XA535	77			XA534	77			18D	2		+23VDC	25				SWW					
15978		XA534	77			XA525	77			18D	2		+23VDC	26				SWW					
15251		XA525	77			XA524	77			18D	2		+23VDC	27				SWW					
15170		XA524	77			XA523	77			18D	2		+23VDC	28				SWW					
15090		XA523	77			XA522	77			18D	2		+23VDC	29				SWW					
15010		XA522	77			XA521	77			18D	2		+23VDC	30				SWW					
14930		XA521	77			XA520	77			18D	2		+23VDC	31				SWW					
14850		XA520	77			XA519	77			18D	2		+23VDC	32				SWW					
14770		XA519	77			XA518	77			18D	2		+23VDC	321				SWW					
14690		XA518	77			XA106	06			18D	2		+23VDC	33				SWW					
01230		XA106	06			XA106	05			18D	2		+23VDC	34				MTS					
00113		J01	R2			XA106	05			18D	2		+23VDC	01				EX9					
01229		XA106	05										+23VDC	02				MTS					
00123		J01	S1			XA527	26			18D	2		+32VLT	01				EX9					
15361		XA527	26			XA529	06			18D	2		+32VLT	02				CSE					
15503		XA529	06			XA533	03			18D	2		+32VLT	03				CSE					
15822		XA533	03										+32VLT	031				REG					
00088		J01	L6			XA301	25			18D	2		+5AUX	00				EX9					
07340		XA301	25			XA321	06			168	9		+5AUX	02				FP					
08611		XA321	06			XA322	06			18D	2		+5AUX	03				ACF					
08668		XA322	06			XA322	74			18D	2		+5AUX	035				ACF					
08719		XA322	74			XA321	74			18D	2		+5AUX	04				ACF					
08657		XA321	74							168	9		+5AUX	05				ACF					
01266		XA106	37			XA301	37			VA	23D	2	+5VPA	01				MTS					
07352		XA301	37			XA301	39			168	9		+5VPA	02				EP					
07355		XA301	39			XA301	41			168	9		+5VPA	03				FP					
07357		XA301	41										+5VPA	04				FP					
01265		XA106	36			XA203	33			VC	23D	2	+5VPA0	01				MTS					
05075		XA203	33										+5VPA0	02									
05044		XA203	03			XA203	04			168	9		+5VPA0	03									
										***		SIGNAL	+5VPA0									IS ON THE NEXT PAGE ***	



DRAWING NUMBER 149304-800 STRING  
 UNIT ASSEMBLY NAME CARD CAGE WIRED,MCU

UNIT ASSEMBLY NO. 149304  
 FILE IDENT T39AMCMU

REV G INDEX +5VPAO  
 DATE 09-02-82 PAGE 13

RECORD NUMBER	FROM				TO				WIRE				SFC INST. WISE	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. TAG	PREFIX	CONNECTOR	PIN	SH. TAG	MULTI-GROUP	CODE	COLOR	IDENT													
05045		XA203	04		XA203	13				168	9		+5VPA0	04											
05054		XA203	13		XA203	14				168	9		+5VPA0	05											
05055		XA203	14		XA203	21				168	9		+5VPA0	06											
05062		XA203	21		XA203	22				168	9		+5VPA0	07											
05063		XA203	22		XA203	33				168	9		+5VPA0	08											
05076		XA203	33		XA203	34				168	9		+5VPA0	09											
05077		XA203	34		XA203	49				168	9		+5VPA0	10											
05092		XA203	49		XA203	50				168	9		+5VPA0	11											
05093		XA203	50		XA203	59				168	9		+5VPA0	12											
05102		XA203	59		XA203	60				168	9		+5VPA0	13											
05103		XA203	60		XA203	69				168	9		+5VPA0	14											
05112		XA203	69		XA203	70				168	9		+5VPA0	15											
05113		XA203	70										+5VPA0	16											
01294		XA106	62		XA301	43			VB	230	2		+5VPB	01											
07359		XA301	43		XA301	45				168	9		+5VPB	02				MTS							
07362		XA301	45		XA301	47				168	9		+5VPB	03				FP							
07364		XA301	47										+5VPB	04				FP							
07629		XA304	32		XA106	58			VD	230	0		+5VPBR	01											
01290		XA106	58		XA301	44			VB	230	0		+5VPBR	02				MTS							
07361		XA301	44										+5VPBR	03				FP							
07630		XA304	33		XA106	61			VD	230	2		+5VPB0	01											
01293		XA106	61									K	+5VPB0	02				MTS							
07599		XA304	03		XA304	04				168	9		+5VPB0	03											
07600		XA304	04		XA304	13				168	9		+5VPB0	04											
07609		XA304	13		XA304	14				168	9		+5VPB0	05											
07610		XA304	14		XA304	21				168	9		+5VPB0	06											
07617		XA304	21		XA304	22				168	9		+5VPB0	07											
07618		XA304	22		XA304	33				168	9		+5VPB0	08											
07631		XA304	33		XA304	34				168	9		+5VPB0	09											
07632		XA304	34		XA304	49				168	9		+5VPB0	10											
07647		XA304	49		XA304	50				168	9		+5VPB0	11											
07648		XA304	50		XA304	59				168	9		+5VPB0	12											
07658		XA304	59		XA304	60				168	9		+5VPB0	13											
07659		XA304	60		XA304	69				168	9		+5VPB0	14											
07668		XA304	69		XA304	70				168	9		+5VPB0	15											
07669		XA304	70										+5VPB0	16											
13460		XA502	03		XA502	04				168	9		+5VPC	01											
13461		XA502	04		XA502	13				168	9		+5VPC	02											
13470		XA502	13		XA502	14				168	9		+5VPC	03											
13471		XA502	14		XA502	21				168	9		+5VPC	04											
13478		XA502	21		XA502	22				168	9		+5VPC	05											
13479		XA502	22		XA502	33				168	9		+5VPC	06											
13491		XA502	33		XA502	34				168	9		+5VPC	07											
13493		XA502	34		XA502	49				168	9		+5VPC	08											
13508		XA502	49		XA502	50				168	9		+5VPC	09											
13509		XA502	50		XA502	59				168	9		+5VPC	10											
										****		SIGNAL	(+5VPC	)	IS ON THE		NEXT PAGE	****							

DRAWING NUMBER 149304-800 STRING  
 UNIT ASSEMBLY NAME CARD CAGE WIRED,MCU

UNIT ASSEMBLY NO. 149304  
 FILE IDENT T39AMCMU

REV G INDEX +5VPC  
 DATE 09-02-82 PAGE 14

RECORD NUMBER	PREFIX	CONNECTOR	PIN	SH FG	PREFIX	CONNECTOR	PIN	SH FC	MULTI GROUP	CODE	COLOR	IDENT	SPEC INE MISC	SIGNAL	SEQ NO	EQUATION	TERA	FACT	OR CHIP TYPE	GROUP	OR POWER PLANE	OR AND	POINTS	SIGNAL DESCRIPTION	ECO NO	
13518		XA502	59			XA 502	60			16B	9			+5VPC	11											
13519		XA502	60			XA 502	69			16B	9			+5VPC	12											
13528		XA502	69			XA 502	70			16B	9			+5VPC	12C											
13529		XA502	70										K	+5VPC	125											
13492		XA502	33			XA301	57		VF	23D	2			+5VPC	13											
07374		XA301	57			XA301	59			16B	9			+5VPC	14				FP							
07377		XA301	59			XA301	61			16B	9			+5VPC	15				FP							
07379		XA301	61											+5VPC	16				FP							
13489		XA502	32			XA301	58		VF	23D	0			+5VPCR	01											
07376		XA301	58											+5VPCR	02				FP							
10272		XA405	03			XA405	04			16B	9			+5VPD	01											
10273		XA405	04			XA405	13			16B	9			+5VPD	02											
10282		XA405	13			XA405	14			16B	9			+5VPD	03											
10283		XA405	14			XA405	21			16B	9			+5VPD	04											
10290		XA405	21			XA405	22			16B	9			+5VPD	05											
10291		XA405	22			XA405	33			16B	9			+5VPD	06											
10303		XA405	33			XA405	34			16B	9			+5VPD	07											
10305		XA405	34			XA405	49			16B	9			+5VPD	08											
10320		XA405	49			XA405	50			16B	9			+5VPD	09											
10321		XA405	50			XA405	59			16B	9			+5VPD	10											
10331		XA405	59			XA405	60			16B	9			+5VPD	11											
10332		XA405	60			XA405	69			16B	9			+5VPD	12											
10341		XA405	69			XA405	70			16B	9			+5VPD	12C											
10342		XA405	70			XA342	80			16B	9			+5VPD	121											
09192		XA342	80			XA342	79			16B	9			+5VPD	12P											
09191		XA342	79										K	+5VPD	125				RR4	HP						
10304		XA405	33			XA 301	63		VE	23D	2			+5VPD	13											
07381		XA301	63			XA301	65			16B	9			+5VPD	14				FP							
07384		XA301	65			XA301	67			16B	9			+5VPD	15				FP							
07386		XA301	67											+5VPD	16				FP							
10302		XA405	32			XA301	64		VE	23D	0			+5VPDR	01											
07383		XA301	64											+5VPDR	02				FP							
15868		XA533	48			XA529	37			18D	2			+5VREF	A0				REG							
15535		XA529	37			XA529	38			18D	2			+5VREF	B0				CSE							
15536		XA529	38			XA527	74			18D	2			+5VREF	00				CSE							
15411		XA527	74			XA443	39			18D	2			+5VREF	001				CSE							
12695		XA443	39			XA444	39			18D	2			+5VREF	01				SAM	Z2						
12776		XA444	39			XA445	39			18D	2			+5VREF	02				SAM	Z2						
12855		XA445	39			XA446	39			18D	2			+5VREF	03				SAM	Z2						
12934		XA446	39			XA447	39			18D	2			+5VREF	04				SAM	Z2						
13013		XA447	39			XA448	39			18D	2			+5VREF	05				SAM	Z2						
13092		XA448	39			XA449	39			18D	2			+5VREF	06				SAM	Z2						
13171		XA449	39			XA450	39			18D	2			+5VREF	07				SAM	Z2						
13250		XA450	39			XA451	39			18D	2			+5VREF	08				SAM	Z2						
13330		XA451	39			XA351	39			18D	2			+5VREF	09				SAM	Z2						
09865		XA351	39			XA350	39			18D	2			+5VREF	10				SAM	Z2						
										****				SIGNAL (+5VREF)					IS ON THE NEXT PAGE				****			

DRAWING NUMBER 149304-800 STRING  
 UNIT ASSEMBLY NAME CARD CAGE WIRED,MCU

UNIT ASSEMBLY NO. 149304  
 FILE IDENT T39AMCMU

REV G INDEX +5VREF  
 DATE 09-02-82 PAGE 15

RECORD NUMBER	FROM			TO			WIRE				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											
09785		XA350	39		XA349	39		1BD	2			+5VREF	11			SAM	Z2				
09706		XA349	39		XA348	39		1BD	2			+5VREF	12			SAM	Z2				
09627		XA348	39		XA347	39		1BD	2			+5VREF	13			SAM	Z2				
09548		XA347	39		XA346	39		1BD	2			+5VREF	14			SAM	Z2				
09469		XA346	39		XA345	39		1BD	2			+5VREF	15			SAM	Z2				
09390		XA345	39		XA344	39		1BD	2			+5VREF	16			SAM	Z2				
09311		XA344	39		XA343	39		1BD	2			+5VREF	17			SAM	Z2				
09230		XA343	39		XA243	39		1BD	2			+5VREF	18			SAM	Z2				
06632		XA243	39		XA244	39		1BD	2			+5VREF	19			SAM	Z2				
06711		XA244	39		XA245	39		1BD	2			+5VREF	20			SAM	Z2				
06790		XA245	39		XA246	39		1BD	2			+5VREF	21			SAM	Z2				
06869		XA246	39		XA247	39		1BD	2			+5VREF	22			SAM	Z2				
06951		XA247	39		XA248	39		1BD	2			+5VREF	23			SAM	Z2				
07030		XA248	39		XA249	39		1BD	2			+5VREF	24			SAM	Z2				
07109		XA249	39		XA250	39		1BD	2			+5VREF	25			SAM	Z2				
07188		XA250	39		XA251	39		1BD	2			+5VREF	26			SAM	Z2				
07268		XA251	39		XA151	39		1BD	2			+5VREF	27			SAM	Z2				
04828		XA151	39		XA150	39		1BD	2			+5VREF	28			SAM	Z2				
04749		XA150	39		XA149	39		1BD	2			+5VREF	29			SAM	Z2				
04671		XA149	39		XA148	39		1BD	2			+5VREF	30			SAM	Z2				
04592		XA148	39		XA147	39		1BD	2			+5VREF	31			SAM	Z2				
04513		XA147	39		XA146	39		1BD	2			+5VREF	32			SAM	Z2				
04431		XA146	39								K	+5VREF	33			SAM	Z2				
04432		XA146	39		XA246	39		1BD	2			+5VREF	34			SAM	Z2				
06870		XA246	39								K	+5VREF	35			SAM	Z2				
07269		XA251	39		XA351	39		1BD	2			+5VREF	36			SAM	Z2				
09866		XA351	39								K	+5VREF	37			SAM	Z2				
09231		XA343	39		XA443	39		1BD	2			+5VREF	38			SAM	Z2				
12696		XA443	39									+5VREF	39			SAM	Z2				
00062		J01	E6		XA443	11		1BD	2			+5VSAM	01			EX9					
12668		XA443	11		XA444	11		1BD	2			+5VSAM	02			SAM					
12749		XA444	11		XA445	11		1BD	2			+5VSAM	03			SAM					
12828		XA445	11		XA446	11		1BD	2			+5VSAM	04			SAM					
12907		XA446	11		XA447	11		1BD	2			+5VSAM	05			SAM					
12986		XA447	11		XA448	11		1BD	2			+5VSAM	06			SAM					
13065		XA448	11		XA449	11		1BD	2			+5VSAM	07			SAM					
13144		XA449	11		XA450	11		1BD	2			+5VSAM	08			SAM					
13223		XA450	11		XA451	11		1BD	2			+5VSAM	09			SAM					
13302		XA451	11		XA351	11		1BD	2			+5VSAM	10			SAM					
09837		XA351	11		XA350	11		1BD	2			+5VSAM	11			SAM					
09758		XA350	11		XA349	11		1BD	2			+5VSAM	12			SAM					
09679		XA349	11		XA348	11		1BD	2			+5VSAM	13			SAM					
09600		XA348	11		XA347	11		1BD	2			+5VSAM	14			SAM					
09521		XA347	11		XA346	11		1BD	2			+5VSAM	15			SAM					
09442		XA346	11		XA345	11		1BD	2			+5VSAM	16			SAM					
09363		XA345	11		XA344	11		1BD	2			+5VSAM	17			SAM					
09284		XA344	11		XA343	11		1BD	2			+5VSAM	18			SAM					
09203		XA343	11		XA243	11		1BD	2			+5VSAM	19			SAM					
06604		XA243	11		XA244	11		1BD	2			+5VSAM	20			SAM					
								****		SIGNAL	(+5VSAM)									IS ON THE NEXT PAGE	****

DRAWING NUMBER 149304-800 STRING  
 UNIT ASSEMBLY NAME CARD CAGE WIRED,MCU

UNIT ASSEMBLY NO. 149304  
 FILE IDENT T39AMCMU

REV G INDEX +5VSAM  
 DATE 09-02-82 PAGE 16

RECORD NUMBER	FROM			TO			WIRE				SIGNAL	SEQ NO	EQUATION	TERM	FACTO	C11 OR CHIP TYPE	LOAD OR POWER PLANE	TEST POINTS AND OR	SIGNAL DESCRIPTION	ECO NO
	PREFIX	CONNECTOR	PIN	PREFIX	CONNECTOR	PIN	SH TO	MULTI GROUP	CODE	COLOR										
06684		XA244	11		XA245	11			18D	2		+5VSAM	21						SAM	
06763		XA245	11		XA246	11			18D	2		+5VSAM	22						SAM	
06842		XA246	11		XA247	11			18D	2		+5VSAM	23						SAM	
06924		XA247	11		XA248	11			18D	2		+5VSAM	24						SAM	
07003		XA248	11		XA249	11			18D	2		+5VSAM	25						SAM	
07082		XA249	11		XA250	11			18D	2		+5VSAM	26						SAM	
07161		XA250	11		XA251	11			18D	2		+5VSAM	27						SAM	
07240		XA251	11		XA151	11			18D	2		+5VSAM	28						SAM	
04801		XA151	11		XA150	11			18D	2		+5VSAM	29						SAM	
04723		XA150	11		XA149	11			18D	2		+5VSAM	30						SAM	
04644		XA149	11		XA148	11			18D	2		+5VSAM	31						SAM	
04565		XA148	11		XA147	11			18D	2		+5VSAM	32						SAM	
04486		XA147	11		XA146	11			18D	2		+5VSAM	33						SAM	
04404		XA146	11		J01	F3			18D	2		+5VSAM	34						SAM	
00065		J01	F3		J01	E4			18D	2		+5VSAM	36						EX9	
00060		J01	E4		XA351	11			18D	2		+5VSAM	37						EX9	
09838		XA351	11						18D	2	K	+5VSAM	38						SAM	
00067		J01	F5		XA243	11			18D	2		+5VSAM	39						EX9	
06605		XA243	11						18D	2		+5VSAM	40						SAM	
13552		XA503	12		XA504	12			16B	9		+5V1503A	01						SWT	
13637		XA504	12									+5V1503A	02						SWT	
13570		XA503	28		XA504	28			16B	9		+5V1503B	01						SWT	
13655		XA504	28									+5V1503B	02						SWT	
00073		J01	H6		J01	H2			18D	7		-5VOLT	005						EX9	
00070		J01	H2		XA529	60			18D	7		-5VOLT	01						EX9	
15558		XA529	60		XA533	72			18D	7		-5VOLT	011						CSE	
15891		XA533	72		XA443	59			18D	7		-5VOLT	012						REG	
12716		XA443	59		XA443	60			18D	7		-5VOLT	02						SAM	
12718		XA443	60		XA444	59			18D	7		-5VOLT	03						SAM	
12796		XA444	59		XA444	60			18D	7		-5VOLT	04						SAM	
12797		XA444	60		XA445	59			18D	7		-5VOLT	05						SAM	
12875		XA445	59		XA445	60			18D	7		-5VOLT	06						SAM	
12876		XA445	60		XA446	59			18D	7		-5VOLT	07						SAM	
12954		XA446	59		XA446	60			18D	7		-5VOLT	08						SAM	
12955		XA446	60		XA447	59			18D	7		-5VOLT	09						SAM	
13033		XA447	59		XA447	60			18D	7		-5VOLT	10						SAM	
13034		XA447	60		XA448	59			18D	7		-5VOLT	11						SAM	
13112		XA448	59		XA448	60			18D	7		-5VOLT	12						SAM	
13113		XA448	60		XA449	59			18D	7		-5VOLT	13						SAM	
13191		XA449	59		XA449	60			18D	7		-5VOLT	14						SAM	
13192		XA449	60		XA450	59			18D	7		-5VOLT	15						SAM	
13270		XA450	59		XA450	60			18D	7		-5VOLT	16						SAM	
13271		XA450	60		XA451	59			18D	7		-5VOLT	17						SAM	
13350		XA451	59		XA451	60			18D	7		-5VOLT	18						SAM	
13351		XA451	60		XA351	60			18D	7		-5VOLT	19						SAM	
09888		XA351	60		XA351	59			18D	7		-5VOLT	20						SAM	
09886		XA351	59		XA350	60			18D	7		-5VOLT	21						SAM	
									****		SIGNAL	(-5VOLT)							IS ON THE NEXT PAGE	****

DRAWING NUMBER 149304-800 STRING  
 UNIT ASSEMBLY NAME CARD CAGE WIRED,MCU

UNIT ASSEMBLY NO. 149304  
 FILE IDENT T39AMCMU

REV G INDEX -5VOLT  
 DATE 09-02-82 PAGE 17

RECORD NUMBER	FROM				TO				WIRE			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	DRFC	PREFIX	CONNECTOR	PIN	DRFC	MULTI GROUP	CODE	COLOR											
09806		XA350	60			XA350	59			1BD	7		-5VOLT	22								
09805		XA350	59			XA349	60			1BD	7		-5VOLT	23								
09727		XA349	60			XA349	59			1BD	7		-5VOLT	24								
09726		XA349	59			XA348	60			1BD	7		-5VOLT	25								
09648		XA348	60			XA348	59			1BD	7		-5VOLT	26								
09647		XA348	59			XA347	60			1BD	7		-5VOLT	27								
09569		XA347	60			XA347	59			1BD	7		-5VOLT	28								
09568		XA347	59			XA346	60			1BD	7		-5VOLT	29								
09490		XA346	60			XA346	59			1BD	7		-5VOLT	30								
09489		XA346	59			XA345	60			1BD	7		-5VOLT	31								
09411		XA345	60			XA345	59			1BD	7		-5VOLT	32								
09410		XA345	59			XA344	60			1BD	7		-5VOLT	33								
09332		XA344	60			XA344	59			1BD	7		-5VOLT	34								
09331		XA344	59			XA343	60			1BD	7		-5VOLT	35								
09252		XA343	60			XA343	59			1BD	7		-5VOLT	36								
09251		XA343	59			XA243	59			1BD	7		-5VOLT	37								
06652		XA243	59			XA243	60			1BD	7		-5VOLT	38								
06653		XA243	60			XA244	59			1BD	7		-5VOLT	39								
06731		XA244	59			XA244	60			1BD	7		-5VOLT	40								
06732		XA244	60			XA245	59			1BD	7		-5VOLT	41								
06810		XA245	59			XA245	60			1BD	7		-5VOLT	42								
06811		XA245	60			XA246	59			1BD	7		-5VOLT	43								
06890		XA246	59			XA246	60			1BD	7		-5VOLT	44								
06892		XA246	60			XA247	59			1BD	7		-5VOLT	45								
06971		XA247	59			XA247	60			1BD	7		-5VOLT	46								
06972		XA247	60			XA248	59			1BD	7		-5VOLT	47								
07050		XA248	59			XA248	60			1BD	7		-5VOLT	48								
07051		XA248	60			XA249	59			1BD	7		-5VOLT	49								
07129		XA249	59			XA249	60			1BD	7		-5VOLT	50								
07130		XA249	60			XA250	59			1BD	7		-5VOLT	51								
07208		XA250	59			XA250	60			1BD	7		-5VOLT	52								
07209		XA250	60			XA251	59			1BD	7		-5VOLT	53								
07289		XA251	59			XA251	60			1BD	7		-5VOLT	54								
07290		XA251	60			XA151	60			1BD	7		-5VOLT	55								
04851		XA151	60			XA151	59			1BD	7		-5VOLT	56								
04850		XA151	59			XA150	60			1BD	7		-5VOLT	57								
04770		XA150	60			XA150	59			1BD	7		-5VOLT	58								
04769		XA150	59			XA149	60			1BD	7		-5VOLT	59								
04692		XA149	60			XA149	59			1BD	7		-5VOLT	60								
04691		XA149	59			XA148	60			1BD	7		-5VOLT	61								
04613		XA148	60			XA148	59			1BD	7		-5VOLT	62								
04612		XA148	59			XA147	60			1BD	7		-5VOLT	63								
04534		XA147	60			XA147	59			1BD	7		-5VOLT	64								
04533		XA147	59			XA146	60			1BD	7		-5VOLT	65								
04454		XA146	60			XA146	59			1BD	7		-5VOLT	66								
04452		XA146	59			J01	H6			1BD	7		-5VOLT	67								
00072		J01	H6																			
04455		XA146	60			XA246	59			1BD	7		-5VOLT	68								
04455		XA146	60			XA246	59			1BD	7		-5VOLT	69								
06891		XA246	59									K	-5VOLT	70								
07291		XA251	60			XA351	59			1BD	7		-5VOLT	71								
										****		SIGNAL	(-5VOLT)		IS ON THE		NEXT PAGE		****			

DRAWING NUMBER 149304-800 STRING  
 UNIT ASSEMBLY NAME CARD CAGE WIRED,MCU

UNIT ASSEMBLY NO. 149304  
 FILE IDENT T39AMCMU

REV G INDEX -5VOLT  
 DATE 09-02-82 PAGE 18

RECORD NUMBER	FROM			TO	WIRE				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											
09887		XA351	59							-5VOLT	72								
09253		XA343	60	XA443	59			1B	7	-5VOLT	73			SAM					
12717		XA443	59							-5VOLT	74			SAM					
00058		J01	E2	XA301	13			1B	9	EXFLTL	01			EX9					
07327		XA301	13							EXFLTL	02			EP					
23514		XA237	05	XA238	14			16	9	GD237A	01	MWDEER	01	TQ2	A2		03B		
18806		XA238	14							GD237A	02	GD237A	00	TQ2	B2		09A		
04956		XA202	02	XA203	02			16	9	GND02	01			EXT					
05043		XA203	02							GND02	02								
10330		XA405	58	XA405	57			16	9	GND057	02								
10328		XA405	57							GND057	03								
11556		XA421	67	XA421	79			16	9	GND1K	01			RR1					
11569		XA421	79	XA421	80			16	9	GND1K	02			RR1	HP				
11570		XA421	80							GND1K	03			RR1	HP				
10074		XA403	02	XA404	02			16	9	GND1000	01			EXT					
10191		XA404	02							GND1000	02			EXT					
10077		XA403	04	XA404	04			16	9	GND1001	01			EXT					
10193		XA404	04							GND1001	02			EXT					
10080		XA403	06	XA404	06			16	9	GND1002	01			EXT					
10195		XA404	06							GND1002	02			EXT					
10083		XA403	08	XA404	08			16	9	GND1003	01			EXT					
10197		XA404	08							GND1003	02			EXT					
10091		XA403	14	XA404	14			16	9	GND1004	01			EXT					
10203		XA404	14							GND1004	02			EXT					
10094		XA403	16	XA404	16			16	9	GND1005	01			EXT					
10205		XA404	16							GND1005	02			EXT					
10097		XA403	18	XA404	18			16	9	GND1006	01			EXT					
10207		XA404	18							GND1006	02			EXT					
10100		XA403	20	XA404	20			16	9	GND1007	01			EXT					
10209		XA404	20							GND1007	02			EXT					
10103		XA403	22	XA404	22			16	9	GND1008	01			EXT					
10211		XA404	22							GND1008	02			EXT					
10106		XA403	24	XA404	24			16	9	GND1009	01			EXT					
10213		XA404	24							GND1009	02			EXT					
								****	SIGNAL	GND101		IS ON THE	NEXT PAGE	****					

DRAWING NUMBER 149304-800 STRING UNIT ASSEMBLY NO. 149304 REV G INDEX GND101  
 UNIT ASSEMBLY NAME CARD CAGE WIRED,MCU FILE IDENT T39AMCMU DATE 09-02-82 PAGE 19

RECORD NUMBER	FROM			TO			WIRE				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	SHIELD	MULTI GROUP	CODE	COLOR												IDENT
01224		XA106	01		XA106	32			168	9		GND101	01									
01261		XA106	32		XA301	38		VA	23D	0		GND101	02									
07354		XA301	38									GND101	03									
10109		XA403	26		XA404	26			168	9		GND1010	01									
10215		XA404	26									GND1010	02									
10112		XA403	28		XA404	28			168	9		GND1011	01									
10217		XA404	28									GND1011	02									
10115		XA403	30		XA404	30			168	9		GND1012	01									
10219		XA404	30									GND1012	02									
10118		XA403	32		XA404	32			168	9		GND1013	01									
10221		XA404	32									GND1013	02									
10121		XA403	34		XA404	34			168	9		GND1014	01									
10223		XA404	34									GND1014	02									
10124		XA403	36		XA404	36			168	9		GND1015	01									
10225		XA404	36									GND1015	02									
10127		XA403	38		XA404	38			168	9		GND1016	01									
10227		XA404	38									GND1016	02									
10130		XA403	40		XA404	40			168	9		GND1017	01									
10229		XA404	40									GND1017	02									
10133		XA403	42		XA404	42			168	9		GND1018	01									
10231		XA404	42									GND1018	02									
10136		XA403	44		XA404	44			168	9		GND1019	01									
10233		XA404	44									GND1019	02									
01227		XA106	03		XA106	44			168	9		GND102	01									
01275		XA106	44		XA203	32		VC	23D	0		GND102	02									
05074		XA203	32									GND102	03									
10139		XA403	46		XA404	46			168	9		GND1020	01									
10235		XA404	46									GND1020	02									
10142		XA403	48		XA404	48			168	9		GND1021	01									
10237		XA404	48									GND1021	02									
10145		XA403	50		XA404	50			168	9		GND1022	01									
10239		XA404	50									GND1022	02									
10148		XA403	52		XA404	52			168	9		GND1023	01									
10241		XA404	52									GND1023	02									
****											SIGNAL	(GND1024)	IS ON THE NEXT PAGE ****									

DRAWING NUMBER 149304-800 STRING  
 UNIT ASSEMBLY NAME CARD CAGE WIRED,MCU

UNIT ASSEMBLY NO. 149304  
 FILE IDENT T39AMCMU

REV G INDEX GND1024  
 DATE 09-02-82 PAGE 20

RECORD NUMBER	FROM				TO				WIRE			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 NO	PREFIX	CONNECTOR	PIN	SH NO	MULTI GROUP	CODE	COLOR											
10151 10243		XA403 XA404	54 54			XA404	54			16B	9		GND1024 GND1024	01 02			EXT EXT					
10154 10245		XA403 XA404	56 56			XA404	56			16B	9		GND1025 GND1025	01 02			EXT EXT					
10157 10247		XA403 XA404	58 58			XA404	58			16B	9		GND1026 GND1026	01 02			EXT EXT					
10160 10249		XA403 XA404	60 60			XA404	60			16B	9		GND1027 GND1027	01 02			EXT EXT					
10163 10251		XA403 XA404	62 62			XA404	62			16B	9		GND1028 GND1028	01 02			EXT EXT					
10166 10253		XA403 XA404	64 64			XA404	64			16B	9		GND1029 GND1029	01 02			EXT EXT					
10169 10255		XA403 XA404	66 66			XA404	66			16B	9		GND1030 GND1030	01 02			EXT EXT					
10175 10259		XA403 XA404	70 70			XA404	70			16B	9		GND1031 GND1031	01 02			EXT EXT					
10185 10267		XA403 XA404	78 78			XA404	78			16B	9		GND1032 GND1032	01 02			EXT EXT					
10178 10261		XA403 XA404	72 72			XA404	72			16B	9		GND1033 GND1033	01 02			EXT EXT					
10188 10269		XA403 XA404	80 80			XA404	80			16B	9		GND1034 GND1034	01 02			EXT EXT					
10172 10257		XA403 XA404	68 68			XA404	68			16B	9		GND1035 GND1035	01 02			EXT EXT					
01225 01228		XA106 XA106	02 04			XA106	04			16B	9		GND104 GND104	03 04			MTS MTS					
00129 00131		J01 J01	S4 S6			J01	S6			18D	0		GND1100 GND1100	01 02			EX9 EX9					
00094 00091		J01 J01	M6 M4			J01	M4			18D	0		GND1101 GND1101	01 02			EX9 EX9					
00114 00118		J01 J01	R3 R5			J01	R5			18D	0		GND1102 GND1102	01 02			EX9 EX9					
00100 00097		J01 J01	N5 N3			J01	N3			18D	0		GND1103 GND1103	01 02			EX9 EX9					



DRAWING NUMBER 149304-800 STRING  
 UNIT ASSEMBLY NAME CARD CAGE WIRED,MCU

UNIT ASSEMBLY NO. 149304  
 FILE IDENT T39AMCMU

REV G INDEX GND1103  
 DATE 09-02-82 PAGE 21

RECORD NUMBER	FROM			TO			WIRE			SIGNAL	SEQ NO	EQUATION	TERM FACTOR	CKT OR CHIP TYPE	LOAD OR POWER PLANE	TEST POINTS AND OR	SIGNAL DESCRIPTION	ECO NO
	PREFIX	CONNECTOR	PIN	PREFIX	CONNECTOR	PIN	DIAGN	MULTI GROUP	CODE									
00111 00106		J01 J01	P6 P4		J01 J01	P4 P4			18D 0									
										GND1104 GND1104	01 02							+10V VAR 4
00078 00086		J01 J01	K5 L5		J01 J01	L5 L5			18D 0									
										GND1105 GND1105	01 02							
00112 00124		J01 J01	R1 S2		J01 J01	S2 S2			18D 0									
										GND1106 GND1106	01 02							
00081 00083		J01 J01	L1 L3		J01 J01	L3 L3			18D 0									
										GND1107 GND1107	01 02							
13541 13626		XA503 XA504	02 02		XA504 XA504	02 02			16B 9									
										GND1200 GND1200	01 02							
13557 13542		XA503 XA504	16 16		XA504 XA504	16 16			16B 9									
										GND1201 GND1201	01 02							
13574 13660		XA503 XA504	32 32		XA504 XA504	32 32			16B 9									
										GND1202 GND1202	01 02							
13586 13673		XA503 XA504	44 44		XA504 XA504	44 44			16B 9									
										GND1203 GND1203	01 02							
13601 13688		XA503 XA504	58 58		XA504 XA504	58 58			16B 9									
										GND1204 GND1204	01 02							
13610 13698		XA503 XA504	67 67		XA504 XA504	67 67			16B 9									
										GND1205 GND1205	01 02							
07657 07655		XA304 XA304	58 57		XA304 XA304	57 57			16B 9									
										GND157 GND157	01 02							
04972 05057		XA202 XA203	16 16		XA203 XA203	16 16			16B 9									
										GND16 GND16	01 02							
07323 07325		XA301 XA301	10 12		XA301 XA301	12 12			16B 9									
										GND200 GND200	01 02							
07333 07334		XA301 XA301	19 20		XA301 XA301	20 20			16B 9									
										GND201 GND201	01 02							
04882 04884		XA201 XA201	10 12		XA201 XA201	12 12			16B 9									
										GND300 GND300	01 02							
04989 05073		XA202 XA203	32 32		XA203 XA203	32 32			16B 9									
										GND32 GND32	01 02							
										****								
										SIGNAL								
										GND400								

DRAWING NUMBER 149304-800 STRING  
 UNIT ASSEMBLY NAME CARD CAGE WIRED,MCU

UNIT ASSEMBLY NO. 149304  
 FILE IDENT T39AMCMU

REV G INDEX GND400  
 DATE 09-02-82 PAGE 22

RECORD NUMBER	FROM				TO				WIRE				SIGNAL	SEQ NO	EQUATION	TERM	FACTOR	CKT OR CHIP TYPE	GROUP	LOAD OR POWER PLANE	TEST POINTS AND DR	SIGNAL DESCRIPTION	ECO NO
	PREFIX	CONNECTOR	PIN	DR #	PREFIX	CONNECTOR	PIN	DR #	MULTI GROUP	CODE	COLOR	IDENT											
04964 04966		XA202	10 12			XA202	12			16B	9		GND400 GND400	01 02				EXT EXT					
05002 05087		XA202 XA203	44 44			XA203	44			16B	9		GND44 GND44	01 02				EXT					
07518 07401		XA303 XA302	02 02			XA302	02			16B	9		GND500 GND500	01 02				EXT EXT					
07520 07404		XA303 XA302	04 04			XA302	04			16B	9		GND501 GND501	01 02				EXT EXT					
07522 07407		XA303 XA302	06 06			XA302	06			16B	9		GND502 GND502	01 02				EXT EXT					
07526 07524 07410		XA303 XA303 XA302	10 08 08			XA303 XA302	08 08			16B 16B	9 9		GND503 GND503 GND503	01 02 03				EXT EXT EXT					
07530 07418		XA303 XA302	14 14			XA302	14			16B	9		GND504 GND504	01 02				EXT EXT					
07532 07421		XA303 XA302	16 16			XA302	16			16B	9		GND505 GND505	01 02				EXT EXT					
07534 07424		XA303 XA302	18 18			XA302	18			16B	9		GND506 GND506	01 02				EXT EXT					
07536 07427		XA303 XA302	20 20			XA302	20			16B	9		GND507 GND507	01 02				EXT EXT					
07538 07430		XA303 XA302	22 22			XA302	22			16B	9		GND508 GND508	01 02				EXT EXT					
07540 07433		XA303 XA302	24 24			XA302	24			16B	9		GND509 GND509	01 02				EXT EXT					
07542 07436		XA303 XA302	26 26			XA302	26			16B	9		GND510 GND510	01 02				EXT EXT					
07544 07439		XA303 XA302	28 28			XA302	28			16B	9		GND511 GND511	01 02				EXT EXT					
07546 07442		XA303 XA302	30 30			XA302	30			16B	9		GND512 GND512	01 02				EXT EXT					
07548 07445		XA303 XA302	32 32			XA302	32			16B	9		GND513 GND513	01 02				EXT EXT					
07550		XA303	34			XA302	34			16B	9		GND514	01				EXT					
										****	SIGNAL		GND514						TS ON THE				****

DRAWING NUMBER 149304-800 STRING UNIT ASSEMBLY NO. 149304 REV G INDEX GND514  
 UNIT ASSEMBLY NAME CARD CAGE WIRED, MCU FILE IDENT T39AMCMU DATE 09-02-82 PAGE 23

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 FTG	PREFIX	CONNECTOR	PIN	SH FTG	MULTI GROUP	CODE	COLOR	IDENT									AND	OR		
07448		XA302	34										GND514	02										
07552		XA303	36		XA302	36			16B	9			GND515	01										
07451		XA302	36										GND515	02										
07554		XA303	38		XA302	38			16B	9			GND516	01										
07454		XA302	38										GND516	02										
07556		XA303	40		XA302	40			16B	9			GND517	01										
07457		XA302	40										GND517	02										
07558		XA303	42		XA302	42			16B	9			GND518	01										
07460		XA302	42										GND518	02										
07560		XA303	44		XA302	44			16B	9			GND519	01										
07463		XA302	44										GND519	02										
07562		XA303	46		XA302	46			16B	9			GND520	01										
07466		XA302	46										GND520	02										
07564		XA303	48		XA302	48			16B	9			GND521	01										
07469		XA302	48										GND521	02										
07566		XA303	50		XA302	50			16B	9			GND522	01										
07472		XA302	50										GND522	02										
07568		XA303	52		XA302	52			16B	9			GND523	01										
07475		XA302	52										GND523	02										
07570		XA303	54		XA302	54			16B	9			GND524	01										
07478		XA302	54										GND524	02										
07572		XA303	56		XA302	56			16B	9			GND525	01										
07481		XA302	56										GND525	02										
07574		XA303	58		XA302	58			16B	9			GND526	01										
07484		XA302	58										GND526	02										
07576		XA303	60		XA302	60			16B	9			GND527	01										
07487		XA302	60										GND527	02										
15397		XA527	61		XA527	58			18D	0			GND5271	01										
15393		XA527	58										GND5271	02										
15413		XA527	76		XA527	67			18D	0			GND5272	01										
15403		XA527	67										GND5272	02										
07578		XA303	62		XA302	62			16B	9			GND528	01										
07490		XA302	62										GND528	02										
												****	SIGNAL	(GND529)	IS ON THE NEXT PAGE				****					

DRAWING NUMBER 149304-800 STRING UNIT ASSEMBLY NO. 149304 REV G INDEX GND529  
 UNIT ASSEMBLY NAME CARD CAGE WIRED, MCU FILE IDENT T39AMCMU DATE 09-02-82 PAGE 24

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	SN PG	PREFIX	CONNECTOR	PIN	SN PG	MULTI GROUP	CODE	COLOR	IDENT									AND	OR					
07580 07493		XA303 XA302	64 64			XA302	64			16B	9		GND529 GND529	01 02				EXT EXT									
15506 15513		XA529 XA529	09 16			XA529	16			18D	0		GND5291 GND5291	01 02				CSE CSE									
15578 15565		XA529 XA529	79 67			XA529	67			18D	0		GND5292 GND5292	01 02				CSE CSE									
07582 07496		XA303 XA302	66 66			XA302	66			16B	9		GND530 GND530	01 02				EXT EXT									
07584 07499		XA303 XA302	68 68			XA302	68			16B	9		GND531 GND531	01 02				EXT EXT									
07586 07502		XA303 XA302	70 70			XA302	70			16B	9		GND532 GND532	01 02				EXT EXT									
07588 07505		XA303 XA302	72 72			XA302	72			16B	9		GND533 GND533	01 02				EXT EXT									
07594 07512		XA303 XA302	78 78			XA302	78			16B	9		GND534 GND534	01 02				EXT EXT									
07596 07515		XA303 XA302	80 80			XA302	80			16B	9		GND535 GND535	01 02				EXT EXT									
05015 05100		XA202 XA203	56 57			XA203	57			16B	9		GND57 GND57	01 02				EXT									
05018 05101		XA202 XA203	58 58			XA203	58			16B	9		GND58 GND58	01 02				EXT									
07413 07415 07528		XA302 XA302 XA303	10 12 12			XA302 XA303	12 12			16B 16B	9 9		GND600 GND600 GND600	01 02 03				EXT EXT EXT									
05027 05110		XA202 XA203	66 67			XA203	67			16B	9		GND67 GND67	01 02				EXT									
10001 10003		XA402 XA402	10 12			XA402	12			16B	9		GND700 GND700	01 02				EXT EXT									
13374 13459		XA501 XA502	02 02			XA502	02			16B	9		GND702 GND702	01 02				VSE									
13389 13473		XA501 XA502	16 16			XA502	16			16B	9		GND716 GND716	01 02				VSE									
13406		XA501	32			XA502	32			16B	9		GND732	01				VSE									
												****	SIGNAL (GND732)		IS ON THE NEXT PAGE												****

DRAWING NUMBER 149304-800 STRING  
 UNIT ASSEMBLY NAME CARD CAGE WIRED, MCU

UNIT ASSEMBLY NO. 149304  
 FILE IDENT T39AMCMU

REV G INDEX GND732  
 DATE 09-02-82 PAGE 25

RECORD NUMBER	FROM				TO				WIRE				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	SHEATH	PREFIX	CONNECTOR	PIN	SHEATH	MULTI GROUP	CODE	COLOR	IDENT											
13490		XA502	32										GND732	02									
13419		XA501	44		XA502	44			168	9			GND744	01			VSE						
13503		XA502	44										GND744	02									
13432		XA501	56		XA502	57			168	9			GND757	01			VSE						
13516		XA502	57										GND757	02									
13435		XA501	58		XA502	58			168	9			GND758	01			VSE						
13517		XA502	58										GND758	02									
13444		XA501	67		XA502	67			168	9			GND767	01			VSE						
13526		XA502	67										GND767	02									
09920		XA401	10		XA401	12			168	9			GND800	01			EXT						
09922		XA401	12										GND800	02			EXT						
10086		XA403	10		XA403	12			168	9			GND900	01			EXT						
10088		XA403	12		XA404	12			168	9			GND900	02			EXT						
10201		XA404	12		XA404	10			168	9			GND900	03			EXT						
10199		XA404	10										GND900	04			EXT						
09117		XA342	06		XA342	18			168	9			GROUND	01			RR4	AC					
09129		XA342	18		XA342	30			168	9			GROUND	02			RR4	BC					
09141		XA342	30		XA342	40			168	9			GROUND	03			RR4	CC					
09151		XA342	40		XA342	54			168	9			GROUND	04			RR4	DC					
09165		XA342	54		XA342	64			168	9			GROUND	05			RR4	EC					
09175		XA342	64		XA342	74			168	9			GROUND	06			RR4	FC					
09186		XA342	74		XA342	77			168	9			GROUND	07			RR4	GC					
09189		XA342	77		XA330	77			168	9			GROUND	08			RR4	HC					
08877		XA330	77		XA330	74			168	9			GROUND	09			RR4	HC					
08874		XA330	74		XA330	64			168	9			GROUND	10			RR4	GC					
08864		XA330	64		XA330	54			168	9			GROUND	11			RR4	FC					
08854		XA330	54		XA330	40			168	9			GROUND	12			RR4	EC					
08840		XA330	40		XA330	30			168	9			GROUND	13			RR4	DC					
08830		XA330	30		XA330	18			168	9			GROUND	14			RR4	CC					
08817		XA330	18		XA330	06			168	9			GROUND	15			RR4	BC					
08805		XA330	06		XA330	02			168	9			GROUND	16			RR4	AC					
08801		XA330	02									K	GROUND	17			RR4						
06067		XA220	05		XA220	02			168	9			GROUND	18			DCF						
06066		XA220	02									K	GROUND	18C			DCF				01A		
06072		XA220	19		XA220	16			168	9			GROUND	181			DCF						
06070		XA220	16		XA220	21			168	9			GROUND	183			DCF						
06074		XA220	21									K	GROUND	185			DCF						
06077		XA220	25		XA220	32			168	9			GROUND	19			DCF						
06081		XA220	32		XA220	39			168	9			GROUND	19C			DCF						
06082		XA220	39									K	GROUND	19L			DCF						
06083		XA220	42		XA220	44			168	9			GROUND	193			DCF				20B		
06086		XA220	44		XA220	45			168	9			GROUND	195			DCF						
06087		XA220	45									K	GROUND	20			DCF				27A		
									****		SIGNAL (GROUND)												IS ON THE NEXT PAGE ****

DRAWING NUMBER 149304-800 STRING  
 UNIT ASSEMBLY NAME CARD CAGE WIRED, MCU

UNIT ASSEMBLY NO. 149304  
 FILE IDENT T39AMCMU

REV G INDEX GROUND  
 DATE 09-02-82 PAGE 26

RECORD NUMBER	FROM				TO				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	SHFT	PREFIX	CONNECTOR	PIN	SHFT	MULTI GROUP	CODE	COLOR										IDENT	AND		
06090		XA220	53			XA 220	58			16B	9		GROUND	20C										
06092		XA220	58			XA 220	59			16B	9		GROUND	20L										
06093		XA220	59									K	GROUND	203										
06102		XA220	77			XA 220	67			16B	9		GROUND	205										
06099		XA220	67			XA 220	79			16B	9		GROUND	21										
06103		XA220	79									K	GROUND	21C								40B		
06106		XA221	05			XA 221	02			16B	9		GROUND	21L										
06105		XA221	02									K	GROUND	213								01A		
06111		XA221	19			XA 221	16			16B	9		GROUND	215										
06109		XA221	16			XA 221	21			16B	9		GROUND	22										
06113		XA221	21									K	GROUND	22C										
06116		XA221	25			XA 221	32			16B	9		GROUND	22L										
06120		XA221	32			XA 221	39			16B	9		GROUND	223										
06121		XA221	39									K	GROUND	225										
06122		XA221	42			XA 221	44			16B	9		GROUND	23										
06124		XA221	44			XA 221	45			16B	9		GROUND	23C								20B		
06125		XA221	45									K	GROUND	23L										
06126		XA221	53			XA 221	58			16B	9		GROUND	233								27A		
06128		XA221	58			XA 221	59			16B	9		GROUND	235										
06129		XA221	59									K	GROUND	24										
06136		XA221	77			XA 221	67			16B	9		GROUND	24C										
06135		XA221	67			XA 221	79			16B	9		GROUND	24L										
06137		XA221	79									K	GROUND	243								40B		
06143		XA222	05			XA 222	02			16B	9		GROUND	245										
06140		XA222	02									K	GROUND	25										
06151		XA222	19			XA 222	16			16B	9		GROUND	25C								01A		
06149		XA222	16			XA 222	21			16B	9		GROUND	25L										
06153		XA222	21									K	GROUND	253										
06156		XA222	25			XA 222	32			16B	9		GROUND	255										
06161		XA222	32			XA 222	39			16B	9		GROUND	26										
06163		XA222	39									K	GROUND	26C										
06164		XA222	42			XA 222	44			16B	9		GROUND	26L								20B		
06166		XA222	44			XA 222	45			16B	9		GROUND	263										
06167		XA222	45									K	GROUND	265									27A	
06168		XA222	53			XA 222	58			16B	9		GROUND	27										
06170		XA222	58			XA 222	59			16B	9		GROUND	27C										
06171		XA222	59									K	GROUND	27L										
06178		XA222	77			XA 222	67			16B	9		GROUND	273										
06177		XA222	67			XA 222	79			16B	9		GROUND	275										
06179		XA222	79									K	GROUND	28								40B		
06182		XA223	05			XA 223	02			16B	9		GROUND	28C										
06181		XA223	02									K	GROUND	28L									01A	
06187		XA223	19			XA 223	16			16B	9		GROUND	283										
06185		XA223	16			XA 223	21			16B	9		GROUND	285										
06189		XA223	21									K	GROUND	29										
06192		XA223	25			XA 223	32			16B	9		GROUND	29C										
06196		XA223	32			XA 223	39			16B	9		GROUND	29L										
06197		XA223	39									K	GROUND	293										
06198		XA223	42			XA 223	44			16B	9		GROUND	295									20B	
06200		XA223	44			XA 223	45			16B	9		GROUND	30										
										****		SIGNAL	(GROUND			IS ON THE		NEXT PAGE		****				

DRAWING NUMBER 149304-800 STRING UNIT ASSEMBLY NO. 149304 REV G INDEX GROUND  
 UNIT ASSEMBLY NAME CARD CAGE WIRED, MCU FILE IDENT T39AMCMU DATE 09-02-82 PAGE 27

RECORD NUMBER	FROM			TO			WIRE				SFC 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
	PREFIX	CONNECTOR	PIN	PREFIX	CONNECTOR	PIN	MULTI GROUP	CODE	COLOR	IDENT												
06201		XA223	45								K	GROUND	30C									
06202		XA223	53		XA223	58			16B	9		GROUND	30L								27A	
06204		XA223	58		XA223	59			16B	9		GROUND	303									
06205		XA223	59								K	GROUND	305									
06212		XA223	77		XA223	67			16B	9		GROUND	31									
06211		XA223	67		XA223	79			16B	9		GROUND	31C									
06213		XA223	79								K	GROUND	31L									
06216		XA224	05		XA224	02			16B	9		GROUND	313								40B	
06215		XA224	02								K	GROUND	315									
06221		XA224	19		XA224	16			16B	9		GROUND	32								01A	
06219		XA224	16		XA224	21			16B	9		GROUND	32C									
06223		XA224	21								K	GROUND	32L									
06226		XA224	25		XA224	32			16B	9		GROUND	323									
06230		XA224	32		XA224	39			16B	9		GROUND	325									
06231		XA224	39								K	GROUND	33									
06232		XA224	42		XA224	44			16B	9		GROUND	33C									
06234		XA224	44		XA224	45			16B	9		GROUND	33L								20B	
06235		XA224	45								K	GROUND	333								27A	
06236		XA224	53		XA224	58			16B	9		GROUND	335									
06238		XA224	58		XA224	59			16B	9		GROUND	34									
06239		XA224	59								K	GROUND	34C									
06246		XA224	77		XA224	67			16B	9		GROUND	34L									
06245		XA224	67		XA224	79			16B	9		GROUND	343									
06247		XA224	79								K	GROUND	345									
11573		XA422	05		XA422	02			16B	9		GROUND	35								40B	
11572		XA422	02								K	GROUND	35C									
11578		XA422	19		XA422	16			16B	9		GROUND	35L								01A	
11576		XA422	16		XA422	21			16B	9		GROUND	353									
11580		XA422	21								K	GROUND	355									
11583		XA422	25		XA422	32			16B	9		GROUND	36									
11587		XA422	32		XA422	39			16B	9		GROUND	36C									
11588		XA422	39								K	GROUND	36L									
11589		XA422	42		XA422	44			16B	9		GROUND	363									
11592		XA422	44		XA422	45			16B	9		GROUND	365								20B	
11593		XA422	45								K	GROUND	37									
11596		XA422	53		XA422	58			16B	9		GROUND	37C								27A	
11600		XA422	58		XA422	59			16B	9		GROUND	37L									
11601		XA422	59								K	GROUND	373									
11611		XA422	77		XA422	67			16B	9		GROUND	375									
11608		XA422	67		XA422	79			16B	9		GROUND	38									
11612		XA422	79								K	GROUND	38C									
11615		XA423	05		XA423	02			16B	9		GROUND	381								40B	
11614		XA423	02								K	GROUND	383									
11620		XA423	19		XA423	16			16B	9		GROUND	385								01A	
11618		XA423	16		XA423	21			16B	9		GROUND	39									
11622		XA423	21								K	GROUND	39C									
11625		XA423	25		XA423	32			16B	9		GROUND	39L									
11629		XA423	32		XA423	39			16B	9		GROUND	393									
11630		XA423	39								K	GROUND	395									
11631		XA423	42		XA423	44			16B	9		GROUND	40								20B	
									****			SIGNAL (GROUND)										IS ON THE NEXT PAGE ****

DRAWING NUMBER 149304-800 STRING UNIT ASSEMBLY NO. 149304 REV G INDEX GROUND  
 UNIT ASSEMBLY NAME CARD CAGE WIRED, MCU FILE IDENT T39AMCMU DATE 09-02-82 PAGE 28

RECORD NUMBER	FROM			SPT	TO			SPT	WIRE			SPT	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												
11633		XA423	44		XA423	45			16B	9		K	GROUND	40C				DCF					
11634		XA423	45										GROUND	40L				DCF			27A		
11635		XA423	53		XA423	58			16B	9			GROUND	403				DCF					
11637		XA423	58		XA423	59			16B	9			GROUND	405				DCF					
11638		XA423	59									K	GROUND	41				DCF					
11645		XA423	77		XA423	67			16B	9			GROUND	41C				DCF					
11644		XA423	67		XA423	79			16B	9			GROUND	41L				DCF					
11646		XA423	79									K	GROUND	413				DCF			40B		
11652		XA424	05		XA424	02			16B	9			GROUND	415				DCF					
11649		XA424	02									K	GROUND	42				DCF			01A		
11660		XA424	19		XA424	16			16B	9			GROUND	42C				DCF					
11658		XA424	16		XA424	21			16B	9			GROUND	42L				DCF					
11662		XA424	21									K	GROUND	423				DCF					
11665		XA424	25		XA424	32			16B	9			GROUND	425				DCF					
11670		XA424	32		XA424	39			16B	9			GROUND	43				DCF					
11672		XA424	39									K	GROUND	43C				DCF					
11673		XA424	42		XA424	44			16B	9			GROUND	43L				DCF			20B		
11675		XA424	44		XA424	45			16B	9			GROUND	433				DCF					
11676		XA424	45									K	GROUND	435				DCF			27A		
11677		XA424	53		XA424	58			16B	9			GROUND	44				DCF					
11679		XA424	58		XA424	59			16B	9			GROUND	44C				DCF					
11680		XA424	59									K	GROUND	44L				DCF					
11687		XA424	77		XA424	67			16B	9			GROUND	443				DCF					
11686		XA424	67		XA424	79			16B	9			GROUND	445				DCF					
11688		XA424	79									K	GROUND	45				DCF			40B		
11691		XA425	05		XA425	02			16B	9			GROUND	45C				DCF					
11690		XA425	02									K	GROUND	45L				DCF			01A		
11696		XA425	19		XA425	16			16B	9			GROUND	453				DCF					
11694		XA425	16		XA425	21			16B	9			GROUND	455				DCF					
11698		XA425	21									K	GROUND	46				DCF					
11701		XA425	25		XA425	32			16B	9			GROUND	46C				DCF					
11705		XA425	32		XA425	39			16B	9			GROUND	46L				DCF					
11706		XA425	39									K	GROUND	463				DCF					
11707		XA425	42		XA425	44			16B	9			GROUND	465				DCF			20B		
11709		XA425	44		XA425	45			16B	9			GROUND	47				DCF					
11710		XA425	45									K	GROUND	47C				DCF			27A		
11711		XA425	53		XA425	58			16B	9			GROUND	47L				DCF					
11712		XA425	58		XA425	59			16B	9			GROUND	473				DCF					
18810		XA425	59									K	GROUND	475	GND			DCF					
11719		XA425	77		XA425	67			16B	9			GROUND	48				DCF					
11718		XA425	67		XA425	79			16B	9			GROUND	48C				DCF					
11720		XA425	79									K	GROUND	48L				DCF			40B		
11723		XA426	05		XA426	02			16B	9			GROUND	483				DCF					
11722		XA426	02									K	GROUND	485				DCF			01A		
11728		XA426	19		XA426	16			16B	9			GROUND	49				DCF					
11726		XA426	16		XA426	21			16B	9			GROUND	49C				DCF					
11730		XA426	21									K	GROUND	49L				DCF					
11733		XA426	25		XA426	32			16B	9			GROUND	493				DCF					
11737		XA426	32		XA426	39			16B	9			GROUND	495				DCF					
11738		XA426	39									K	GROUND	50				DCF					
									****				SIGNAL (GROUND)								IS ON THE NEXT PAGE	****	



DRAWING NUMBER 149304-800 STRING  
 UNIT ASSEMBLY NAME CARD CAGE WIRED, MCU

UNIT ASSEMBLY NO. 149304  
 FILE IDENT T39AMCMU

REV G INDEX GROUND  
 DATE 09-02-82 PAGE 29

RECORD NUMBER	FROM			EN FC	TO			WIRE				SFC	SFC LIST MISC	SIGNAL	SER 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													
11739		XA426	42			XA426	44		16B	9			GROUND	50C										
11741		XA426	44			XA426	45		16B	9			GROUND	50L								20B		
11742		XA426	45										GROUND	503										
11743		XA426	53			XA426	58		16B	9		K	GROUND	505								27A		
11745		XA426	58			XA426	59		16B	9			GROUND	51										
11746		XA426	59										GROUND	51C										
11753		XA426	77			XA426	67		16B	9			GROUND	51L										
11752		XA426	67			XA426	79		16B	9			GROUND	513										
11754		XA426	79									K	GROUND	515								40B		
01270		XA106	41			XA301	51		16B	9			LOGC1B	01										
07368		XA301	51										LOGC1B	02										
01271		XA106	42			XA301	55		16B	9			LOGIOB	01										
07372		XA301	55										LOGIOB	02										
18815		XA239	21			XA233	04		16B	9			MAACTA	01	MAACTA	00 1	TD4	B2				10B	MBA ACT PRT A DEC*	
18817		XA233	04										MAACTA	02	MAACTO	01 1	TQ2	A2				04A		
18820		XA338	08			XA233	01		16B	9			MAACTO	01	MACTSA	01 1	TQ2	A1				06A		
18816		XA233	01										MAACTO	02	MAACTO	00 1	TQ2	A2				02B	MBA ACT PORT A INV	
21000		XA241	31			XA338	06		16B	9			MACTSA	01	MPACTS	01 2	TS8	C1				15B		
18819		XA338	06										MACTSA	02	MACTSA	00 1	TQ2	A1				05A	MBA ACT PRT A ENA*	
18848		XA233	40			XA234	60		16B	9			MAENAA	01	MAENEO	01 1	TQ2	C1				19A		
18822		XA234	60			XA338	29		16B	9			MAENAA	02	MAENAA	02 1	TQ2	E2				28A		
18838		XA338	29			XA338	47		16B	9			MAENAA	04	MAENBO	01 1	TQ2	C3				14B		
18841		XA338	47			XA338	34		16B	9			MAENAA	05	MAENCO	01 1	TQ2	D4				25B		
18834		XA338	34			XA338	54		16B	9			MAENAA	06	MAENAO	01 1	TQ2	C2				16A		
18845		XA338	54										MAENAA	07	MAENDO	01 1	TQ2	D1				25A		
18825		XA338	30			XA338	33		16B	9		P	MAENAO	01	MAENAB	01 1	TQ2	C2				15A	PRIORITY PORT A	
18826		XA338	33			XA338	08		16B	9		P	MAENBO	02	MAENAB	01 2	TQ2	C3				16B		
18922		XA333	08			XA333	04		16B	9			MAENAB	03	MAPOOD	01 1	TLD	A1				06A		
18925		XA333	04			XA332	03		16B	9			MAENAB	04	MAP01D	01 1	TLD	A2				04A		
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		
18994		XA332	08			XA332	11		16B	9			MAENAB	07	MAP24D	01 1	TLD	A1				06A		
19002		XA332	11			XA332	17		16B	9			MAENAB	08	MAP27D	01 1	TLD	A4				05B		
19011		XA332	17			XA332	18		16B	9			MAENAB	09	MAP30D	01 1	TLD	B3				08B		
19009		XA332	18			XA332	24		16B	9			MAENAB	10	MAP29D	01 1	TLD	B2				10A		
19006		XA332	24			XA333	41		16B	9			MAENAB	11	MAP28D	01 1	TLD	B1				13A		
18963		XA333	41			XA333	47		16B	9			MAENAB	12	MAP14D	01 1	TLD	D3				22B		
18966		XA333	47			XA333	53		16B	9			MAENAB	13	MAP15D	01 1	TLD	D4				25B		
18975		XA333	53			XA333	59		16B	9			MAENAB	14	MAP18D	01 1	TLD	E3				28B		
18978		XA333	59			XA333	62		16B	9			MAENAB	15	MAP19D	01 1	TLD	E4				31B		
18973		XA333	62			XA333	68		16B	9			MAENAB	16	MAP17D	01 1	TLD	F2				29A		
18970		XA333	68			XA333	65		16B	9			MAENAB	17	MAP16D	01 1	TLD	E1				32A		
18987		XA333	65			XA333	71		16B	9			MAENAB	18	MAP22D	01 1	TLD	F3				34B		
									***				SIGNAL	(MAENAB)		IS ON THE	NEXT PAGE	****						

DRAWING NUMBER 149304-800 STRING UNIT ASSEMBLY NO. 149304 REV G INDEX MAENAB  
 UNIT ASSEMBLY NAME CARD CAGE WIRED, MCU FILE IDENT T39AMCMU DATE 09-02-82 PAGE 30

RECORD NUMBER	FROM				TO				WIRE				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 FTG	PREFIX	CONNECTOR	PIN	SH FTG	MULTI GROUP	CODE	COLOR	IDENT											
18984		XA333	71		XA333	77			16B	9			MAENAB	19	MAP21D	01	1	TLD	F2		36A		
18982		XA333	77		XA333	76			16B	9			MAENAB	20	MAP20D	01	1	TLD	F1		38B		
18990		XA333	76	3	XA338	30	3		16B	9			MAENAB	21	MAP23D	01	1	TLD	F4		37A		
09015		XA338	30										MAENAB	22				TQ2	C2		15A		
18829		XA231	45		XA235	48			16B	9			MAENAP	01	MAENAP	00	1	TDD	HP		24B		
19263		XA235	48		XA334	37			16B	9			MAENAP	02	MBENAA	01	1	TQ2	D2		22A		
21382		XA334	37		XA434	55			16B	9			MAENAP	03	MPRSTO	01	1	TQ4	C1		18B		
20236		XA434	55		XA428	45			16B	9			MAENAP	04	MDENAA	01	1	TQ4	E2		29B		
19699		XA428	45										MAENAP	05	MCENAA	01	1	TT3	D3		24B		
18832		XA231	43		XA234	62			16B	9			MAENAO	01	MAENAO	00	1	TDD	H0		23B		
18823		XA234	62										MAENAO	02	MAENAA	01	1	TQ2	E2		29A		
18833		XA338	30									J	MAENAO	01	MAENAO	00	1	TQ2	C2		15A	MAENAB BUSS A	
18927		XA333	03		XA333	11			16B	9			MAENBB	01	MAP02D	01	1	TLD	A3		02A		
18930		XA333	11		XA333	17			16B	9			MAENBB	02	MAP03D	01	1	TLD	A4		05B		
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		
18934		XA333	24		XA333	23			16B	9			MAENBB	05	MAP04D	01	1	TLD	B1		13A		
18942		XA333	23		XA332	23			16B	9			MAENBB	06	MAP07D	01	1	TLD	B4		11B		
19014		XA332	23		XA333	29			16B	9			MAENBB	07	MAP31D	01	1	TLD	B4		11B		
18951		XA333	29		XA333	35			16B	9			MAENBB	08	MAP10D	01	1	TLD	C3		14B		
18954		XA333	35		XA333	34			16B	9			MAENBB	09	MAP11D	01	1	TLD	C4		17B		
18949		XA333	34		XA333	40			16B	9			MAENBB	10	MAP09D	01	1	TLD	C2		16A		
18946		XA333	40		XA332	40			16B	9			MAENBB	11	MAP08D	01	1	TLD	C1		19A		
18919		XA332	40		XA333	48			16B	9			MAENBB	12	MAP0PD	01	1	TLD	C1		19A		
18961		XA333	48		XA333	54			16B	9			MAENBB	13	MAP13D	01	1	TLD	D2		22A		
18958		XA333	54		XA338	52			16B	9			MAENBB	14	MAP12D	01	1	TLD	D1		25A		
18837		XA338	52		XA338	51			16B	9		P	MAENDD	15	MAENBB	01	2	TQ2	D1		24A		
18836		XA338	51	3	XA333	03	3		16B	9		P	MAENCO	16	MAENBB	01	1	TQ2	D4		27B	PRIORITY PORT A	
08905		XA333	03										MAENBB	17				TLD	A3		02A		
18840		XA338	33									J	MAENBO	01	MAENBO	00	1	TQ2	C3		16B	MAENAB BUSS A	
18843		XA338	51									J	MAENCO	01	MAENCO	00	1	TQ2	D4	BO2	27B	MAENBB BUSS B	
18844		XA338	52									J	MAENDD	01	MAENDD	00	1	TQ2	D1		24A	MAENBB BUSS B	
19089		XA322	41		XA336	03			16B	9			MAENEO	01	MAYS2HX	01	1	ACF	B2		22A		
19039		XA336	03		XA239	49			16B	9			MAENEO	03	MARQRA	01	1	TQ2	A3		02A		
19043		XA239	49		XA240	38			16B	9			MAENEO	04	MASBRA	01	1	TD4	D1		26B		
18867		XA240	38		XA240	21			16B	9			MAENEO	06	MAHDRA	01	1	TT3	C1		18A		
18870		XA240	21		XA239	06			16B	9			MAENEO	08	MAHDSA	01	1	TT3	B3		10B		
19017		XA239	06		XA237	23			16B	9			MAENEO	09	MAREDA	01	1	TD4	A1		05A		
21013		XA237	23		XA233	38			16B	9			MAENEO	10	MPAMSA	01	1	TQ2	B4		11B		
18847		XA233	38										MAENEO	11	MAENEO	00	1	TQ2	C1		18A	PRIORITY PORT A	
18850		XA335	04		XA336	54			16B	9			MAHCOA	01	MAHCOA	00	1	TT3	A1		04A	MBA IO COMP PRT A*	
									****	SIGNAL	(MAHCOA)												IS ON THE NEXT PAGE ****

DRAWING NUMBER 149304-800 STRING UNIT ASSEMBLY NO. 149304 REV G INDEX MAHCOA  
 UNIT ASSEMBLY NAME CARD CAGE WIRED, MCU FILE IDENT T39AMCMU DATE 09-02-82 PAGE 31

RECORD NUMBER	FROM				TO				WIRE				SFC INST WIRE	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	SFC NO	PREFIX	CONNECTOR	PIN	SFC NO	MULTI GROUP	CODE	COLOR	IDENT												
18899		XA336	54										MAHCOA	02	MAMC00	01	1	TQ2	D1		25A			
18902		XA336	48		XA335	07				16B	9		MAHC1A	01	MAMC10	01	1	TQ2	D2		22A			
18857		XA335	07										MAHC1A	02	MAHC1A	00	1	TT3	A2		03A	MBA 11 COMP PRT A*		
18861		XA335	15		XA336	41				16B	9		MAHC2A	01	MAHC2A	00	1	TT3	A3		07B	MBA 12 COMP PRT A*		
18904		XA336	41										MAHC2A	02	MAMC20	01	1	TQ2	D3		22B			
18907		XA336	47		XA335	20				16B	9		MAHC3A	01	MAMC30	01	1	TQ2	D4		25B			
18862		XA335	20										MAHC3A	02	MAHC3A	00	1	TT3	B1		11A	MBA 13 COMP PRT A*		
18866		XA240	36		XA334	31				16B	9		MAHDRA	01	MAHDRA	00	1	TT3	C1		17A	PORT A HOLD RESET*		
18875		XA334	31										MAHDRA	02	MAHLDR	01	2	TD4	C2		15B			
18879		XA233	11		XA240	27				16B	9		MAHDSA	01	MAHLDS	01	1	TQ2	A4		05B			
18873		XA240	27										MAHDSA	02	MAHDSA	00	1	TT3	B3		13B	PORT A HOLD SET *		
18876		XA334	33		XA239	72				16B	9		MAHLDR	01	MAHLDR	00	1	TD4	C2		16B	PORT A HOLD LATCH*		
21018		XA239	72		XA239	64				16B	9		MAHLDR	02	MPANTA	01	2	TD4	F2		34A			
21173		XA239	64		XA233	13				16B	9		MAHLDR	03	MPPAMR	01	4	TD4	F2		30A			
18880		XA233	13										MAHLDR	04	MAHLDS	01	2	TQ2	A4		06B			
18881		XA233	15		XA334	30				16B	9		MAHLDS	01	MAHLDS	00	1	TQ2	A4		07B	PORT A HOLD LATCH		
18874		XA334	30										MAHLDS	02	MAHLDR	01	1	TD4	C2		15A			
18900		XA336	56		XA335	19				16B	9		MALCOA	01	MAMC00	01	2	TQ2	D1		26A			
18885		XA335	19										MALCOA	02	MALCOA	00	1	TT3	B2		09B	MBA 10 COMP PRT A*		
18889		XA335	27		XA336	50				16B	9		MALC1A	01	MALC1A	00	1	TT3	B3		13B	MBA 11 COMP PRT A*		
18903		XA336	50										MALC1A	02	MAMC10	01	2	TQ2	D2		23A			
18905		XA336	43		XA335	36				16B	9		MALC2A	01	MAMC20	01	2	TQ2	D3		23B			
18890		XA335	36										MALC2A	02	MALC2A	00	1	TT3	C1		17A	MBA 12 COMP PRT A*		
18896		XA335	31		XA336	49				16B	9		MALC3A	01	MALC3A	00	1	TT3	C2		15B	MBA 13 COMP PRT A*		
18908		XA336	49										MALC3A	02	MAMC30	01	2	TQ2	D4		26B			
19022		XA337	14		XA336	52				16B	9		MAMC00	01	MAREQA	01	1	TS8	B1		09A			
18898		XA336	52										MAMC00	02	MAMC00	00	1	TQ2	D1		24A	MBA PORT A BIT 10		
18901		XA336	46		XA337	18				16B	9		MAMC10	01	MAMC10	00	1	TQ2	D2		21A	MBA PORT A BIT 11		
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			
18906		XA336	45										MAMC20	02	MAMC20	00	1	TQ2	D3		24B	MBA PORT A BIT 12		
19025		XA337	20		XA336	51				16B	9		MAMC30	01	MAREQA	01	4	TS8	B1		11A			
18909		XA336	51										MAMC30	02	MAMC30	00	1	TQ2	D4		27B	MBA PORT A BIT 13		
18915		XA233	29		XA334	23				16B	9		MAMMCA	01	MAMMCO	01	1	TQ2	C3		14B			
										****			SIGNAL (MAMMCA)											

DRAWING NUMBER 149304-800 STRING UNIT ASSEMBLY NO. 149304 REV G INDEX MAMMCA  
 UNIT ASSEMBLY NAME CARD CAGE WIRED, MCU FILE IDENT T39AMCMU DATE 09-02-82 PAGE 32

RECORD NUMBER	FROM				TO				WIRE				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 FTG	PREFIX	CONNECTOR	PIN	SH FTG	MULTI GROUP	CODE	COLOR	IDENT												
18911		XA334	23										MAMMCA	02	MAMMCA	00	1	TD4	B1		11B	MBA COMP PT A 6-9*		
19028		XA337	24		XA233	33				16B	9		MAMMCO	01	MAREQA	01	6	TS8	B1		13A			
18917		XA233	33										MAMMCO	02	MAMMCO	00	1	TQ2	C3		16B	MBA COMP PT A 6-9		
00037		J01	A4		XA301	17				18D	9		MAONOA	01				EX9					MAN ON/OFF	
07331		XA301	17										MAONOA	02				FP						
18918		XA332	38									J	MAPOPD	01	MAPOPD	00	1	TLD	C1		18A	MPP0PB4 BUSS		
18921		XA333	06									J	MAPOOD	01	MAPOOD	00	1	TLD	A1		05A	MPP00B4 BUSS		
18924		XA333	01									J	MAPO1D	01	MAPO1D	00	1	TLD	A2		02B	MPP01B4 BUSS		
18929		XA333	09									J	MAPO2D	01	MAPO2D	00	1	TLD	A3		04B	MPP02B4 BUSS		
18932		XA333	15									J	MAPO3D	01	MAPO3D	00	1	TLD	A4		07B	MPP03B4 BUSS		
18933		XA333	22									J	MAPO4D	01	MAPO4D	00	1	TLD	B1		12A	MPP04B4 BUSS		
18936		XA333	14									J	MAPO5D	01	MAPO5D	00	1	TLD	B2		09A	MPP05B4 BUSS		
18941		XA333	21									J	MAPO6D	01	MAPO6D	00	1	TLD	B3		10B	MPP06B4 BUSS		
18944		XA333	27									J	MAPO7D	01	MAPO7D	00	1	TLD	B4		13B	MPP07B4 BUSS		
18945		XA333	38									J	MAPO8D	01	MAPO8D	00	1	TLD	C1		18A	MPP08B4 BUSS		
18948		XA333	30									J	MAPO9D	01	MAPO9D	00	1	TLD	C2		15A	MPP09B4 BUSS		
18953		XA333	33									J	MAPI0D	01	MAPI0D	00	1	TLD	C3		16B	MPP10B4 BUSS		
18956		XA333	39									J	MAPI1D	01	MAPI1D	00	1	TLD	C4		19B	MPP11B4 BUSS		
18957		XA333	52									J	MAPI2D	01	MAPI2D	00	1	TLD	D1		24A	MPP12B4 BUSS		
18960		XA333	46									J	MAPI3D	01	MAPI3D	00	1	TLD	D2		21A	MPP13B4 BUSS		
18965		XA333	45									J	MAPI4D	01	MAPI4D	00	1	TLD	D3		24B	MPP14B4 BUSS		
18968		XA333	51									J	MAPI5D	01	MAPI5D	00	1	TLD	D4		27B	MPP15B4 BUSS		
18969		XA333	66									J	MAPI6D	01	MAPI6D	00	1	TLD	E1		31A	MPP16B4 BUSS		
18972		XA333	60									J	MAPI7D	01	MAPI7D	00	1	TLD	E2		28A	MPP17B4 BUSS		
18977		XA333	57									J	MAPI8D	01	MAPI8D	00	1	TLD	E3		30B	MPP18B4 BUSS		
18980		XA333	63									J	MAPI9D	01	MAPI9D	00	1	TLD	E4		33B	MPP19B4 BUSS		
										****	SIGNAL	(MAP20D		IS ON THE	NEXT PAGE	****								

DRAWING NUMBER 149304-800 STRING UNIT ASSEMBLY NO. 149304 REV G INDEX MAP20D  
 UNIT ASSEMBLY NAME CARD CAGE WIRED, MCU FILE IDENT T39AMCMU DATE 09-02-82 PAGE 33

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	SYTS	PREFIX	CONNECTOR	PIN	SYTS	MULT. GROUP	CODE	COLOR	IDENT									SPEC INST. MISC	AND			OR
18981		XA333	75										J	MAP20D	01	MAP20D	00	1	TLD	F1		37B	MPP20B4 BUSS		
18985		XA333	72										J	MAP21D	01	MAP21D	00	1	TLD	F2		34A	MPP21B4 BUSS		
18988		XA333	69										J	MAP22D	01	MAP22D	00	1	TLD	F3		35A	MPP22B4 BUSS		
18992		XA333	80										J	MAP23D	01	MAP23D	00	1	TLD	F4		39A	MPP23B4 BUSS		
18993		XA332	06										J	MAP24D	01	MAP24D	00	1	TLD	A1		05A	MPP24B4 BUSS		
18996		XA332	01										J	MAP25D	01	MAP25D	00	1	TLD	A2		02B	MPP25B4 BUSS		
19001		XA332	09										J	MAP26D	01	MAP26D	00	1	TLD	A3		04B	MPP26B4 BUSS		
19004		XA332	15										J	MAP27D	01	MAP27D	00	1	TLD	A4		07B	MPP27B4 BUSS		
19005		XA332	22										J	MAP28D	01	MAP28D	00	1	TLD	B1		12A	MPP28B4 BUSS		
19008		XA332	14										J	MAP29D	01	MAP29D	00	1	TLD	B2		09A	MPP29B4 BUSS		
19013		XA332	21										J	MAP30D	01	MAP30D	00	1	TLD	B3		10B	MPP30B4 BUSS		
19016		XA332	27										J	MAP31D	01	MAP31D	00	1	TLD	B4		13B	MPP31B4 BUSS		
19169		XA224	72		XA223	72				16B	9		MAREDA	01	MAY12DX	01	1	DCF	D1			36A			
19236		XA223	72		XA223	52				16B	9		MAREDA	02	MAY28DX	01	1	DCF	D1			36A			
19220		XA223	52		XA224	52				16B	9		MAREDA	03	MAY24DX	01	1	DCF	C1			29A			
19141		XA224	52		XA224	36				16B	9		MAREDA	04	MAY08DX	01	1	DCF	C1			29A			
19116		XA224	36		XA223	36				16B	9		MAREDA	05	MAY04DX	01	1	DCF	B1			13A			
19204		XA223	36		XA222	06				16B	9		MAREDA	06	MAY20DX	01	1	DCF	B1			13A			
19092		XA222	06		XA223	06				16B	9		MAREDA	07	MAY0PDX	01	1	DCF	A1			05A			
19187		XA223	06		XA224	06				16B	9		MAREDA	08	MAY16DX	01	1	DCF	A1			05A			
19096		XA224	06		XA239	11				16B	9		MAREDA	09	MAY00DX	01	1	DCF	A1			05A			
19020		XA239	11										MAREDA	10	MAREDA	00	1	TD4	A1			05B	PRT A I/O OUT ENB*		
19037		XA336	08		XA337	23				16B	9		MAREQA	01	MAREQS	01	1	TQ2	A1			06A			
19027		XA337	23										MAREQA	02	MAREQA	00	1	TS8	B1			11B	PRT A REQUEST SET*		
19034		XA334	11		XA336	10				16B	9		MAREQR	01	MAREQR	00	1	TD4	A1			05B	PORT A REQUEST *		
19038		XA336	10										MAREQR	02	MAREQS	01	2	TQ2	A1			07A			
18821		XA338	10		XA337	05				16B	9		MAREQS	01	MACTSA	01	2	TQ2	A1			07A			
21185		XA337	05		XA336	06				16B	9		MAREQS	02	MPPASA	01	3	TS8	A1			03B			
19036		XA336	06		XA334	06				16B	9		MAREQS	03	MAREQS	00	1	TQ2	A1			05A	PORT A REQUEST		
19031		XA334	06										MAREQS	04	MAREQR	01	1	TD4	A1			05A			
19032		XA334	08		XA336	09				16B	9		MARQRA	01	MAREQR	01	2	TD4	A1			06A			
19041		XA336	09										MARQRA	02	MARQRA	00	1	TQ2	A3			04B	PORT A REQ RST*		
21396		XA241	55		XA239	47				16B	9		MASBRA	01	MPSBRS	01	1	TS8	E1			29B			
										****	SIGNAL	(MASBRA)												IS ON THE NEXT PAGE	****

DRAWING NUMBER 149304-800 STRING UNIT ASSEMBLY NO. 149304 REV G INDEX MASBRA  
 UNIT ASSEMBLY NAME CARD CAGE WIRED, MCU FILE IDENT T39AMCMU DATE 09-02-82 PAGE 34

RECORD NUMBER	FROM			TO			WIRE				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	SH FC	MULTI GROUP	CODE	COLOR											
19042		XA239	47		XA338	03			16B	9		MASBRA	02	MASBRA	00	1	TD4	D1	25B	S1B RCVD PORT A *	
19047		XA338	03									MASBRA	03	MASHDO	01	1	TQ2	A3	02A		
18871		XA240	23		XA240	40			16B	9		MASHDO	01	MAHDSA	01	2	TT3	B3	11B		
18868		XA240	40		XA338	09			16B	9		MASHDO	02	MAHDRA	01	2	TT3	C1	19A		
19049		XA338	09									MASHDO	03	MASHDO	00	1	TQ2	A3	04B	PORT A HOLD SAMPLE	
19050		XA237	22		XA239	54			16B	9		MAYACA	01	MAYACA	00	1	TQ2	B1	12A	ADR CONTRL PRT A *	
19045		XA239	54									MAYACA	02	MASBRA	01	3	TD4	D1	25A		
05108		XA203	65		XA202	69			16B	9		MAYACDX	00C								
05030		XA202	69		XA201	69			16B	9		MAYACDX	005				EXT				
04942		XA201	69		XA222	27			16B	9		MAYACDX	01				EXT				
19053		XA222	27									MAYACDX	02	MAYACDX	00	1	DCF	B1	10B	ADR CONT PRT A I/O	
19026		XA337	22		XA237	24			16B	9		MAYACOX	01	MAREQA	01	5	TS8	B1	12A		
19051		XA237	24		XA222	29			16B	9		MAYACOX	02	MAYACA	01	1	TQ2	B1	13A		
19055		XA222	29									MAYACOX	03	MAYACOX	00	1	DCF	B2	11B	ADR CONTROL PORT A	
05115		XA203	72		XA202	77			16B	9		MAYAPDX	00C								
05038		XA202	77		XA201	77			16B	9		MAYAPDX	005				EXT				
04950		XA201	77		XA222	17			16B	9		MAYAPDX	01				EXT				
19058		XA222	17									MAYAPDX	02	MAYAPDX	00	1	DCF	A3	07B	ACCEPT PORT A I/O	
18869		XA240	42		XA338	15			16B	9		MAYHCA	01	MAHDRA	01	3	TT3	C1	20A		
19063		XA338	15									MAYHCA	02	MAYHCA	00	1	TQ2	A4	07B	HLD CONTROL PRT A*	
05109		XA203	66		XA202	71			16B	9		MAYHCDX	00C								
05032		XA202	71		XA201	71			16B	9		MAYHCDX	005				EXT				
04944		XA201	71		XA222	37			16B	9		MAYHCDX	01				EXT				
19065		XA222	37									MAYHCDX	02	MAYHCDX	00	1	DCF	B3	15B	HLD CONT PRT A I/O	
19061		XA338	11		XA240	25			16B	9		MAYHCOX	01	MAYHCA	01	1	TQ2	A4	05B		
18872		XA240	25		XA222	35			16B	9		MAYHCOX	02	MAHDSA	01	3	TT3	B3	12B		
19067		XA222	35									MAYHCOX	03	MAYHCOX	00	1	DCF	B4	14B	HLD CONTROL PRT A	
19070		XA238	45		XA241	01			16B	9		MAYMIA	01	MAYMIA	00	1	TQ2	D3	24B	INHIBIT PORT A *	
21134		XA241	01									MAYMIA	02	MPINRO	01	1	TS8	A1	02B		
09183		XA342	71		XA202	67			16B	9		MAYMIDX	00C				RR4	H5			
05028		XA202	67		XA201	67			16B	9		MAYMIDX	005				EXT				
04940		XA201	67		XA222	41			16B	9		MAYMIDX	01				EXT				
19072		XA222	41									MAYMIDX	02	MAYMIDX	00	1	DCF	B5	16A	INHIBIT PORT A I/O	
19068		XA238	41		XA222	40			16B	9		MAYMIOX	01	MAYMIA	01	1	TQ2	D3	22B		
19074		XA222	40									MAYMIOX	02	MAYMIOX	00	1	DCF	B6	15A	INHIBIT PORT A	
19075		XA222	23		XA201	79			16B	9		MAYPEDX	01	MAYPEDX	00	1	DCF	B7	10A	PWR FAIL PRT A I/O	
04952		XA201	79		XA202	79			16B	9		MAYPEDX	02				EXT				
05040		XA202	79		XA203	74			16B	9		MAYPEDX	03				EXT				
									***	SIGNAL		MAYPEDX		IS ON THE					***		

DRAWING NUMBER 149304-800 STRING UNIT ASSEMBLY NO. 149304 REV G INDEX MAYPFDX  
 UNIT ASSEMBLY NAME CARD CAGE WIRED, MCU FILE IDENT T39AMCMU DATE 09-02-82 PAGE 35

RECORD NUMBER	FROM				TO				WIRE				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	SKF	PREFIX	CONNECTOR	PIN	SKF	MULTI GROUP	CODE	COLOR	IDENT												SFC INST	
05117		XA203	74										MAYPFDX	04											
05123		XA203	80		XA202	74			16B	9			MAYSIGX	00C											
05035		XA202	74		XA201	74			16B	9			MAYSIGX	005				EXT							
04947		XA201	74		XA321	31			16B	9			MAYSIGX	01				EXT							
19079		XA321	31										MAYSIGX	02	MAYSIGX	00	1	ACF	B1				SYNC 1 PORT A I/O		
19080		XA321	29		XA201	73			16B	9			MAYS1HX	01	MAYS1HX	00	1	ACF	B2				SYNC 1 PORT A I/O		
04946		XA201	73		XA202	73			16B	9			MAYS1HX	02				EXT							
05034		XA202	73		XA203	77			16B	9			MAYS1HX	03				EXT							
05120		XA203	77										MAYS1HX	04											
19044		XA239	52		XA335	42			16B	9			MAYS1TX	01	MASBRA	01	2	TD4	D1		24A				
18893		XA335	42		XA335	34			16B	9			MAYS1TX	02	MALC2A	01	3	TT3	C1		20A				
18897		XA335	34		XA335	25			16B	9			MAYS1TX	03	MALC3A	01	3	TT3	C2		16A				
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				
18884		XA335	18		XA335	10			16B	9			MAYS1TX	06	MALCOA	01	3	TT3	B2		10A				
18853		XA335	10		XA335	13			16B	9			MAYS1TX	07	MAHCOA	01	3	TT3	A1		07A				
18860		XA335	13		XA335	05			16B	9			MAYS1TX	08	MAHC2A	01	3	TT3	A3		06B				
18856		XA335	05		XA321	69			16B	9			MAYS1TX	09	MAHC1A	01	3	TT3	A2		03B				
19083		XA321	69										MAYS1TX	10	MAYS1TX	00	1	ACF	B3		35B		SYNC 1 PRT A		
05122		XA203	79		XA202	76			16B	9			MAYS2GX	00C											
05037		XA202	76		XA201	76			16B	9			MAYS2GX	005				EXT					SYNC 2 PRT A I/O		
04949		XA201	76		XA322	31			16B	9			MAYS2GX	01				EXT							
19087		XA322	31										MAYS2GX	02	MAYS2GX	00	1	ACF	B1				SYNC 2 PRT A I/O		
19088		XA322	29		XA201	75			16B	9			MAYS2HX	01	MAYS2HX	00	1	ACF	B2				SYNC 2 PRT A I/O		
04948		XA201	75		XA202	75			16B	9			MAYS2HX	02				EXT							
05036		XA202	75		XA203	78			16B	9			MAYS2HX	03				EXT							
05121		XA203	78										MAYS2HX	04											
19093		XA222	07		XA201	01			16B	9			MAYOPDX	01	MAYOPDX	00	1	DCF	A1		02B		PRTY BIT PRT A I/O		
04873		XA201	01		XA202	01			16B	9			MAYOPDX	02				EXT							
04954		XA202	01		XA203	05			16B	9			MAYOPDX	03				EXT							
05046		XA203	05										MAYOPDX	04											
18920		XA332	42		XA222	09			16B	9			MAYOPOX	01	MAPOPD	01	2	TLD	C1		20A				
19094		XA222	09										MAYOPOX	02	MAYOPOX	00	1	DCF	A2		03B		PARITY BIT PORT A		
19097		XA224	07		XA201	03			16B	9			MAYOODX	01	MAYOODX	00	1	DCF	A1		02B		00 BIT PORT A I/O		
04875		XA201	03		XA202	03			16B	9			MAYOODX	02				EXT							
04957		XA202	03		XA203	06			16B	9			MAYOODX	03				EXT							
05047		XA203	06										MAYOODX	04											
18923		XA333	10		XA239	14			16B	9			MAYOOOX	01	MAPOOD	01	2	TLD	A1		07A				
18811		XA239	14		XA224	09			16B	9			MAYOOOX	02	MAACTA	01	1	TD4	B2		09A				
19098		XA224	09										MAYOOOX	03	MAYOOOX	00	1	DCF	A2		03B		00 BIT PORT A		
												****	SIGNAL (MAYOIA)				IS ON THE NEXT PAGE				****				

DRAWING NUMBER 149304-800 STRING UNIT ASSEMBLY NO. 149304 REV G INDEX MAY01A  
 UNIT ASSEMBLY NAME CARD CAGE WIRED, MCU FILE IDENT T39AMCMU DATE 09-02-82 PAGE 36

RECORD NUMBER	FROM				TO				WIRE			SFC 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	SH FCG	PREFIX	CONNECTOR	PIN	SH FCG	MULTI GROUP	CODE	COLOR										IDENT	LAND			OR
19101 18812		XA237 XA239	72 18			XA239	18			16B	9		MAY01A MAY01A	01 02	MAY01A MAACTA	00 01	1 2	TQ2 TD4	F2 B2		34A 10A		01 BIT PORT A*		
19104 04877 04959 05048		XA224 XA201 XA202 XA203	17 05 05 07			XA201 XA202 XA203	05 05 07			16B	9		MAY01DX MAY01DX MAY01DX MAY01DX	01 02 03 04	MAY01DX MAY01DX MAY01DX MAY01DX	00	1	DCF EXT EXT	A3		07B		01 BIT PORT A I/O		
19100 18926 19106		XA237 XA333 XA224	71 05 15			XA333 XA224	05 15			16B	9		MAY010X MAY010X MAY010X	01 02 03	MAY01A MAP01D MAY010X	01 01 00	1 2 1	TQ2 TLD DCF	F2 A2 A4		36A 03B 06B		01 BIT PORT A		
19108 04879 04961 05049		XA224 XA201 XA202 XA203	14 07 07 08			XA201 XA202 XA203	07 07 08			16B	9		MAY02DX MAY02DX MAY02DX MAY02DX	01 02 03 04	MAY02DX MAY02DX MAY02DX MAY02DX	00	1	DCF EXT EXT	A5		08B		02 BIT PORT A I/O		
18928 19110		XA333 XA224	07 10			XA224	10			16B	9		MAY020X MAY020X	01 02	MAP02D MAY020X	01 00	2 1	TLD DCF	A3 A6		03A 07A		02 BIT PORT A		
19111 04881 04963 05051		XA224 XA201 XA202 XA203	01 09 09 10			XA201 XA202 XA203	09 09 10			16B	9		MAY03DX MAY03DX MAY03DX MAY03DX	01 02 03 04	MAY03DX MAY03DX MAY03DX MAY03DX	00	1	DCF EXT EXT	A7		02A		03 BIT PORT A I/O		
18931 19113		XA333 XA224	13 03			XA224	03			16B	9		MAY030X MAY030X	01 02	MAP03D MAY030X	01 00	2 1	TLD DCF	A4 A8		06B 03A		03 BIT PORT A		
19115 04883 04965 05058		XA224 XA201 XA202 XA203	27 11 11 17			XA201 XA202 XA203	11 11 17			16B	9		MAY04DX MAY04DX MAY04DX MAY04DX	01 02 03 04	MAY04DX MAY04DX MAY04DX MAY04DX	00	1	DCF EXT EXT	B1		10B		04 BIT PORT A I/O		
18935 19117		XA333 XA224	26 29			XA224	29			16B	9		MAY040X MAY040X	01 02	MAP04D MAY040X	01 00	2 1	TLD DCF	B1 B2		14A 11B		04 BIT PORT A		
19120 04886 04968 05059		XA224 XA201 XA202 XA203	37 13 13 18			XA201 XA202 XA203	13 13 18			16B	9		MAY05DX MAY05DX MAY05DX MAY05DX	01 02 03 04	MAY05DX MAY05DX MAY05DX MAY05DX	00	1	DCF EXT EXT	B3		15B		05 BIT PORT A I/O		
18938 19122		XA333 XA224	20 35			XA224	35			16B	9		MAY050X MAY050X	01 02	MAP05D MAY050X	01 00	2 1	TLD DCF	B2 B4		11A 14B		05 BIT PORT A		
19123 18910		XA336 XA334	22 22			XA334	22			16B	9		MAY06A MAY06A	01 02	MAY06A MAMMCA	00 01	1 1	TQ2 TD4	B1 B1		12A 12A		06 BIT PORT A*		
19127 04888 04970		XA224 XA201 XA202	41 15 15			XA201 XA202 XA203	15 15 20			16B	9		MAY06DX MAY06DX MAY06DX	01 02 03	MAY06DX MAY06DX MAY06DX	00	1	DCF EXT EXT	B5		16A		06 BIT PORT A I/O		
										***		SIGNAL	(MAY06DX)		IS ON THE									NEXT PAGE	****



DRAWING NUMBER 149304-800 STRING UNIT ASSEMBLY NO. 149304 REV G INDEX MAY06DX  
 UNIT ASSEMBLY NAME CARD CAGE WIRED, MCU FILE IDENT T39AMCMU DATE 09-02-82 PAGE 37

RECORD NUMBER	FROM				TO				WIRE				SFC 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	SH FTG	PREFIX	CONNECTOR	PIN	SH FTG	MULT. GROUP	CODE	COLOR	IDENT										AND	OR			
05061		XA203	20										MAY06DX	04												
19124		XA336	24		XA333	19			16B	9			MAY060X	01	MAY06A	01	1	TQ2	B1			13A				
18940		XA333	19		XA224	40			16B	9			MAY060X	02	MAP06D	01	2	TLD	B3			09B				
19129		XA224	40										MAY060X	03	MAY060X	00	1	DCF	B6			15A	06 BIT PORT A			
19130		XA336	14		XA334	24			16B	9			MAY07A	01	MAY07A	00	1	TQ2	B2			09A	07 BIT PORT A*			
18912		XA334	24										MAY07A	02	MAMMCA	01	2	TD4	B1			13A				
19133		XA224	23		XA201	17			16B	9			MAY07DX	01	MAY07DX	00	1	DCF	B7			10A	07 BIT PORT A I/O			
04890		XA201	17		XA202	17			16B	9			MAY07DX	02				EXT								
04973		XA202	17		XA203	09			16B	9			MAY07DX	03				EXT								
05050		XA203	09										MAY07DX	04												
19131		XA336	18		XA333	25			16B	9			MAY070X	01	MAY07A	01	1	TQ2	B2			10A				
18943		XA333	25		XA224	30			16B	9			MAY070X	02	MAP07D	01	2	TLD	B4			12B				
19135		XA224	30										MAY070X	03	MAY070X	00	1	DCF	B8			11A	07 BIT PORT A			
19139		XA336	21		XA334	25			16B	9			MAY08A	01	MAY08A	00	1	TQ2	B3			10B	08 BIT PORT A*			
18913		XA334	25										MAY08A	02	MAMMCA	01	3	TD4	B1			12B				
19140		XA224	46		XA201	19			16B	9			MAY08DX	01	MAY08DX	00	1	DCF	C1			25B	08 BIT PORT A I/O			
04892		XA201	19		XA202	19			16B	9			MAY08DX	02				EXT								
04975		XA202	19		XA203	24			16B	9			MAY08DX	03				EXT								
05065		XA203	24										MAY08DX	04												
18947		XA333	42		XA336	17			16B	9			MAY080X	01	MAP08D	01	2	TLD	C1			20A				
19137		XA336	17		XA224	47			16B	9			MAY080X	02	MAY08A	01	1	TQ2	B3			08B				
19142		XA224	47										MAY080X	03	MAY080X	00	1	DCF	C2			26B	08 BIT PORT A			
19146		XA336	27		XA334	26			16B	9			MAY09A	01	MAY09A	00	1	TQ2	B4			13B	09 BIT PORT A*			
18914		XA334	26										MAY09A	02	MAMMCA	01	4	TD4	B1			14A				
19148		XA224	55		XA201	21			16B	9			MAY09DX	01	MAY09DX	00	1	DCF	C3			30B	09 BIT PORT A I/O			
04894		XA201	21		XA202	21			16B	9			MAY09DX	02				EXT								
04977		XA202	21		XA203	25			16B	9			MAY09DX	03				EXT								
05066		XA203	25										MAY09DX	04												
19144		XA336	23		XA333	36			16B	9			MAY090X	01	MAY09A	01	1	TQ2	B4			11B				
18950		XA333	36		XA224	56			16B	9			MAY090X	02	MAP09D	01	2	TLD	C2			17A				
19150		XA224	56										MAY090X	03	MAY090X	00	1	DCF	C4			29B	09 BIT PORT A			
19151		XA336	66		XA335	14			16B	9			MAY10A	01	MAY10A	00	1	TQ2	E1			31A	10 BIT PORT A*			
18882		XA335	14										MAY10A	02	MALCOA	01	1	IT3	B2			09A				
05067		XA203	26		XA202	23			16B	9			MAY10DX	00C												
04979		XA202	23		XA201	23			16B	9			MAY10DX	005				EXT								
04896		XA201	23		XA224	60			16B	9			MAY10DX	01				EXT								
19155		XA224	60										MAY10DX	02	MAY10DX	00	1	DCF	C5			31B	10 BIT PORT A I/O			
													****	SIGNAL	(MAY100X)	IS ON THE				NEXT PAGE	****					

DRAWING NUMBER 149304-800 STRING UNIT ASSEMBLY NO. 149304 REV G INDEX MAY100X  
 UNIT ASSEMBLY NAME CARD CAGE WIRED, MCU FILE IDENT T39AMCMU DATE 09-02-82 PAGE 38

RECORD NUMBER	FROM				TO				WIRE				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 PG	PREFIX	CONNECTOR	PIN	SH PG	MULTI GROUP	CODE	COLOR	IDENT												
19152		XA336	68		XA333	31				16B	9		MAY100X	01	MAY10A	01	1	TQ2	E1		32A			
18952		XA333	31		XA335	06				16B	9		MAY100X	02	MAP10D	01	2	TLD	C3		15B			
18851		XA335	06		XA224	57				16B	9		MAY100X	03	MAHCOA	01	1	TT3	A1		05A			
19157		XA224	57										MAY100X	04	MAY100X	00	1	DCF	C6		31A	10 BIT PORT A		
18886		XA335	21		XA336	60				16B	9		MAY11A	01	MALC1A	01	1	TT3	B3		10B			
19158		XA336	60										MAY11A	02	MAY11A	00	1	TQ2	E2		28A	11 BIT PORT A*		
19161		XA224	43		XA201	25				16B	9		MAY11DX	01	MAY11DX	00	1	DCF	C7		25A	11 BIT PORT A I/O		
04898		XA201	25		XA202	25				16B	9		MAY11DX	02				EXT						
04981		XA202	25		XA203	30				16B	9		MAY11DX	03				EXT						
05071		XA203	30										MAY11DX	04										
19159		XA336	62		XA333	37				16B	9		MAY110X	01	MAY11A	01	1	TQ2	E2		29A			
18955		XA333	37		XA335	01				16B	9		MAY110X	02	MAP11D	01	2	TLD	C4		18B			
18854		XA335	01		XA224	48				16B	9		MAY110X	03	MAHC1A	01	1	TT3	A2		02B			
19163		XA224	48										MAY110X	04	MAY110X	00	1	DCF	C8		26A	11 BIT PORT A		
19167		XA336	57		XA335	38				16B	9		MAY12A	01	MAY12A	00	1	TQ2	E3		30B	12 BIT PORT A*		
18891		XA335	38										MAY12A	02	MALC2A	01	1	TT3	C1		18A			
05060		XA203	19		XA202	27				16B	9		MAY12DX	00C										
04983		XA202	27		XA201	27				16B	9		MAY12DX	005				EXT						
04900		XA201	27		XA224	65				16B	9		MAY12DX	01				EXT						
19168		XA224	65										MAY12DX	02	MAY12DX	00	1	DCF	D1		32B	12 BIT PORT A I/O		
18959		XA333	56		XA336	53				16B	9		MAY120X	01	MAP12D	01	2	TLD	D1		26A			
19165		XA336	53		XA335	09				16B	9		MAY120X	02	MAY12A	01	1	TQ2	E3		28B			
18858		XA335	09		XA224	69				16B	9		MAY120X	03	MAHC2A	01	1	TT3	A3		04B			
19170		XA224	69										MAY120X	04	MAY120X	00	1	DCF	D2		33B	12 BIT PORT A		
18894		XA335	29		XA336	63				16B	9		MAY13A	01	MALC3A	01	1	TT3	C2		14B			
19174		XA336	63										MAY13A	02	MAY13A	00	1	TQ2	E4		33B	13 BIT PORT A*		
19176		XA224	78		XA201	29				16B	9		MAY13DX	01	MAY13DX	00	1	DCF	D3		37B	13 BIT PORT A I/O		
04902		XA201	29		XA202	29				16B	9		MAY13DX	02				EXT						
04985		XA202	29		XA203	36				16B	9		MAY13DX	03				EXT						
05079		XA203	36										MAY13DX	04										
18962		XA333	50		XA336	59				16B	9		MAY130X	01	MAP13D	01	2	TLD	D2		23A			
19172		XA336	59		XA335	22				16B	9		MAY130X	02	MAY13A	01	1	TQ2	E4		31B			
18863		XA335	22		XA224	75				16B	9		MAY130X	03	MAHC3A	01	1	TT3	B1		12A			
19178		XA224	75										MAY130X	04	MAY130X	00	1	DCF	D4		36B	13 BIT PORT A		
19180		XA224	80		XA201	31				16B	9		MAY14DX	01	MAY14DX	00	1	DCF	D5		38B	14 BIT PORT A I/O		
04904		XA201	31		XA202	31				16B	9		MAY14DX	02				EXT						
04987		XA202	31		XA203	37				16B	9		MAY14DX	03				EXT						
05080		XA203	37										MAY14DX	04										
18964		XA333	43		XA224	76				16B	9		MAY140X	01	MAP14D	01	2	TLD	D3		23B			
													****	SIGNAL	(MAY140X)	IS ON THE	NEXT PAGE	****						

DRAWING NUMBER 149304-800 STRING UNIT ASSEMBLY NO. 149304 REV G INDEX MAY140X  
 UNIT ASSEMBLY NAME CARD CAGE WIRED, MCU FILE IDENT T39AMCMU DATE 09-02-82 PAGE 39

RECORD NUMBER	FROM				TO				WIRE				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	SHIF	PREFIX	CONNECTOR	PIN	SHIF	MULTI GROUP	CODE	COLOR	IDENT												
19182		XA224	76										MAY140X	02	MAY140X	00	1	DCF	D6		38A	14 BIT PORT A		
19183		XA224	61		XA201	33				16B	9		MAY15DX	01	MAY15DX	00	1	DCF	D7		33A	15 BIT PORT A I/O		
04906		XA201	33		XA202	33				16B	9		MAY15DX	02				EXT						
04990		XA202	33		XA203	38				16B	9		MAY15DX	03				EXT						
05081		XA203	38										MAY15DX	04										
18967		XA333	49		XA224	68				16B	9		MAY150X	01	MAP15D	01	2	TLD	D4		26B			
19185		XA224	68										MAY150X	02	MAY150X	00	1	DCF	D8		34A	15 BIT PORT A		
19188		XA223	07		XA201	35				16B	9		MAY16DX	01	MAY16DX	00	1	DCF	A1		02B	16 BIT PORT A I/O		
04908		XA201	35		XA202	35				16B	9		MAY16DX	02				EXT						
04992		XA202	35		XA203	40				16B	9		MAY16DX	03				EXT						
05083		XA203	40										MAY16DX	04										
18971		XA333	70		XA223	09				16B	9		MAY160X	01	MAP16D	01	2	TLD	F1		33A			
19189		XA223	09										MAY160X	02	MAY160X	00	1	DCF	A2		03B	16 BIT PORT A		
19192		XA223	17		XA201	37				16B	9		MAY17DX	01	MAY17DX	00	1	DCF	A3		07B	17 BIT PORT A I/O		
04910		XA201	37		XA202	37				16B	9		MAY17DX	02				EXT						
04994		XA202	37		XA203	41				16B	9		MAY17DX	03				EXT						
05084		XA203	41										MAY17DX	04										
18974		XA333	64		XA223	15				16B	9		MAY170X	01	MAP17D	01	2	TLD	F2		30A			
19194		XA223	15										MAY170X	02	MAY170X	00	1	DCF	A4		06B	17 BIT PORT A		
19196		XA223	14		XA201	39				16B	9		MAY18DX	01	MAY18DX	00	1	DCF	A5		08B	18 BIT PORT A I/O		
04912		XA201	39		XA202	39				16B	9		MAY18DX	02				EXT						
04996		XA202	39		XA203	42				16B	9		MAY18DX	03				EXT						
05085		XA203	42										MAY18DX	04										
18976		XA333	55		XA223	10				16B	9		MAY180X	01	MAP18D	01	2	TLD	F3		29B			
19198		XA223	10										MAY180X	02	MAY180X	00	1	DCF	A6		07A	18 BIT PORT A		
19199		XA223	01		XA201	41				16B	9		MAY19DX	01	MAY19DX	00	1	DCF	A7		02A	19 BIT PORT A I/O		
04914		XA201	41		XA202	41				16B	9		MAY19DX	02				EXT						
04998		XA202	41		XA203	45				16B	9		MAY19DX	03				EXT						
05088		XA203	45										MAY19DX	04										
18979		XA333	61		XA223	03				16B	9		MAY190X	01	MAP19D	01	2	TLD	F4		32B			
19201		XA223	03										MAY190X	02	MAY190X	00	1	DCF	A8		03A	19 BIT PORT A		
19203		XA223	27		XA201	43				16B	9		MAY20DX	01	MAY20DX	00	1	DCF	B1		10B	20 BIT PORT A I/O		
04916		XA201	43		XA202	43				16B	9		MAY20DX	02				EXT						
05000		XA202	43		XA203	46				16B	9		MAY20DX	03				EXT						
05089		XA203	46										MAY20DX	04										
18983		XA333	79		XA223	29				16B	9		MAY200X	01	MAP20D	01	2	TLD	F1		39B			
19205		XA223	29										MAY200X	02	MAY200X	00	1	DCF	B2		11B	20 BIT PORT A		
										****	SIGNAL		(MAY21DX		IS ON THE			NEXT PAGE		****				

DRAWING NUMBER 149304-800 STRING UNIT ASSEMBLY NO. 149304 REV G INDEX MAY21DX  
 UNIT ASSEMBLY NAME CARD CAGE WIRED, MCU FILE IDENT T39AMCMU DATE 09-02-82 PAGE 40

RECORD NUMBER	FROM				TO				WIRE			SFC 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	SN FC	PREFIX	CONNECTOR	PIN	SN FC	MULTI GROUP	CODE	COLOR										IDENT	AND		
19208 04918 05003 05070		XA223 XA201 XA202 XA203	37 45 45 29			XA201 XA202 XA203	45 45 29			16B 16B 16B	9 9 9		MAY21DX MAY21DX MAY21DX MAY21DX	01 02 03 04	MAY21DX	00	1	DCF EXT EXT	B3		15B		21 BIT PORT A I/O	
18986 19210		XA333 XA223	73 35			XA223	35			16B	9		MAY210X MAY210X	01 02	MAP21D MAY210X	01 00	2 1	TLD DCF	E2 B4		36B 14B		21 BIT PORT A	
19212 04920 05005 05091		XA223 XA201 XA202 XA203	41 47 47 48			XA201 XA202 XA203	47 47 48			16B 16B 16B	9 9 9		MAY22DX MAY22DX MAY22DX MAY22DX	01 02 03 04	MAY22DX	00	1	DCF EXT EXT	B5		16A		22 BIT PORT A I/O	
18989 19214		XA333 XA223	74 40			XA223	40			16B	9		MAY220X MAY220X	01 02	MAP22D MAY220X	01 00	2 1	TLD DCF	F3 B6		35B 15A		22 BIT PORT A	
19215 04922 05007 05094		XA223 XA201 XA202 XA203	23 49 49 51			XA201 XA202 XA203	49 49 51			16B 16B 16B	9 9 9		MAY23DX MAY23DX MAY23DX MAY23DX	01 02 03 04	MAY23DX	00	1	DCF EXT EXT	B7		10A		23 BIT PORT A I/O	
18991 19217		XA333 XA223	78 30			XA223	30			16B	9		MAY230X MAY230X	01 02	MAP23D MAY230X	01 00	2 1	TLD DCF	F4 B8		38A 11A		23 BIT PORT A	
19219 04924 05009 05095		XA223 XA201 XA202 XA203	46 51 51 52			XA201 XA202 XA203	51 51 52			16B 16B 16B	9 9 9		MAY24DX MAY24DX MAY24DX MAY24DX	01 02 03 04	MAY24DX	00	1	DCF EXT EXT	C1		25B		24 BIT PORT A I/O	
18995 19221		XA332 XA223	10 47			XA223	47			16B	9		MAY240X MAY240X	01 02	MAP24D MAY240X	01 00	2 1	TLD DCF	A1 C2		07A 26B		24 BIT PORT A	
19224 04926 05011 05096		XA223 XA201 XA202 XA203	55 53 53 53			XA201 XA202 XA203	53 53 53			16B 16B 16B	9 9 9		MAY25DX MAY25DX MAY25DX MAY25DX	01 02 03 04	MAY25DX	00	1	DCF EXT EXT	C3		30B		25 BIT PORT A I/O	
18998 19226		XA332 XA223	05 56			XA223	56			16B	9		MAY250X MAY250X	01 02	MAP25D MAY250X	01 00	2 1	TLD DCF	A2 C4		03B 29B		25 BIT PORT A	
19228 04928 05013 05097		XA223 XA201 XA202 XA203	60 55 55 54			XA201 XA202 XA203	55 55 54			16B 16B 16B	9 9 9		MAY26DX MAY26DX MAY26DX MAY26DX	01 02 03 04	MAY26DX	00	1	DCF EXT EXT	C5		31B		26 BIT PORT A I/O	
18813 19000 19230		XA239 XA332 XA223	19 07 57			XA332 XA223	07 57			16B 16B	9 9		MAY260X MAY260X MAY260X	01 02 03	MAACTA MAP26D MAY260X	01 01 00	3 2 1	TD4 TLD DCF	B2 A3 C6		09B 03A 31A		26 BIT PORT A	
19231		XA223	43			XA201	57			16B	9		MAY27DX	01	MAY27DX	00	1	DCF	C7		25A		27 BIT PORT A I/O	
												****	SIGNAL	(MAY27DX)	IS ON THE NEXT PAGE				****					

DRAWING NUMBER 149304-800 STRING UNIT ASSEMBLY NO. 149304 REV G INDEX MAY27DX  
 UNIT ASSEMBLY NAME CARD CAGE WIRED, MCU FILE IDENT T39AMCMU DATE 09-02-82 PAGE 41

RECORD NUMBER	FROM				TO				WIRE			SFC 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
	PREFIX	CONNECTOR	PIN	SH FC	PREFIX	CONNECTOR	PIN	SH FC	MULTI GROUP	CODE	COLOR												
04930		XA201	57			XA202	57			16B	9		MAY27DX	02									
05016		XA202	57			XA203	55			16B	9		MAY27DX	03				EXT					
05098		XA203	55										MAY27DX	04				EXT					
19003		XA332	13			XA223	48			16B	9		MAY270X	01	MAP27D	01 2	TLD	A4			06B		
19233		XA223	48			XA239	20			16B	9		MAY270X	02	MAY270X	00 1	DCF	C8			26A	27 BIT PORT A	
18814		XA239	20										MAY270X	03	MAACTA	01 4	TD4	B2			11A		
19235		XA223	65			XA201	59			16B	9		MAY28DX	01	MAY28DX	00 1	DCF	D1			32B	28 BIT PORT A I/O	
04932		XA201	59			XA202	59			16B	9		MAY28DX	02				EXT					
05019		XA202	59			XA203	56			16B	9		MAY28DX	03				EXT					
05099		XA203	56										MAY28DX	04									
19007		XA332	26			XA223	69			16B	9		MAY280X	01	MAP28D	01 2	TLD	B1			14A		
19237		XA223	69										MAY280X	02	MAY280X	00 1	DCF	D2			33B	28 BIT PORT A	
19240		XA223	78			XA201	61			16B	9		MAY29DX	01	MAY29DX	00 1	DCF	D3			37B	29 BIT PORT A I/O	
04934		XA201	61			XA202	61			16B	9		MAY29DX	02				EXT					
05021		XA202	61			XA203	61			16B	9		MAY29DX	03				EXT					
05104		XA203	61										MAY29DX	04									
19010		XA332	20			XA223	75			16B	9		MAY290X	01	MAP29D	01 2	TLD	B2			11A		
19242		XA223	75										MAY290X	02	MAY290X	00 1	DCF	D4			36B	29 BIT PORT A	
19244		XA223	80			XA201	63			16B	9		MAY30DX	01	MAY30DX	00 1	DCF	D5			38B	30 BIT PORT A I/O	
04936		XA201	63			XA202	63			16B	9		MAY30DX	02				EXT					
05023		XA202	63			XA203	62			16B	9		MAY30DX	03				EXT					
05105		XA203	62										MAY30DX	04									
19012		XA332	19			XA223	76			16B	9		MAY300X	01	MAP30D	01 2	TLD	B3			09B		
19246		XA223	76										MAY300X	02	MAY300X	00 1	DCF	D6			38A	30 BIT PORT A	
19247		XA223	61			XA201	65			16B	9		MAY31DX	01	MAY31DX	00 1	DCF	D7			33A	31 BIT PORT A I/O	
04938		XA201	65			XA202	65			16B	9		MAY31DX	02				EXT					
05025		XA202	65			XA203	63			16B	9		MAY31DX	03				EXT					
05106		XA203	63										MAY31DX	04									
19015		XA332	25			XA223	68			16B	9		MAY310X	01	MAP31D	01 2	TLD	B4			12B		
19249		XA223	68										MAY310X	02	MAY310X	00 1	DCF	D8			34A	31 BIT PORT A	
19256		XA233	03			XA239	35			16B	9		MBACTA	01	MBACTO	01 1	TQ2	A3			02A		
19251		XA239	35										MBACTA	02	MBACTA	00 1	TD4	C1			17B	MBA ACT PRT B DEC*	
19260		XA338	04			XA233	09			16B	9		MBACTO	01	MBCTSA	01 1	TQ2	A2			04A		
19258		XA233	09										MBACTO	02	MBACTO	00 1	TQ2	A3			04B	MBA ACT PORT B INV	
21001		XA241	34			XA338	01			16B	9		MBCTSA	01	MPACTS	01 3	TS8	C1			16A		
19259		XA338	01										MBCTSA	02	MBCTSA	00 1	TQ2	A2			02B	MBA ACT PRT B ENA*	
19288		XA233	25			XA235	46			16B	9		MBENAA	01	MBENEO	01 2	TQ2	B4			12B		
										***	SIGNAL		MBENAA		IS ON THE						***		

DRAWING NUMBER 149304-800 STRING UNIT ASSEMBLY NO. 149304 REV G INDEX MBENAA  
 UNIT ASSEMBLY NAME CARD CAGE WIRED, MCU FILE IDENT T39AMCMU DATE 09-02-82 PAGE 42

RECORD NUMBER	FROM				TO				WIRE			SFC INST	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 PG	PREFIX	CONNECTOR	PIN	SH PG	MULTI GROUP	CODE	COLOR										IDENT	AND		
19262		XA235	46		XA338	68			16B	9			MBENAA	02	MBENAA	00	1	TQ2	D2		21A			
19285		XA338	68		XA338	48			16B	9			MBENAA	03	MBENDO	01	1	TQ2	E1		32A			
19274		XA338	48		XA338	55			16B	9			MBENAA	04	MBENAO	01	1	TQ2	D2		22A			
19282		XA338	55		XA338	41			16B	9			MBENAA	05	MBENCO	01	2	TQ2	E3		29B			
19278		XA338	41										MBENAA	06	MBENBO	01	1	TQ2	D3		22B			
19434		XA331	08		XA331	04			16B	9			MBENAB	01	MBP24D	01	1	TLD	A1		06A			
19437		XA331	04		XA331	03			16B	9			MBENAB	02	MBP25D	01	1	TLD	A2		04A			
19439		XA331	03		XA331	11			16B	9			MBENAB	03	MBP26D	01	1	TLD	A3		02A			
19442		XA331	11		XA331	17			16B	9			MBENAB	04	MBP27D	01	1	TLD	A4		05B			
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			
19446		XA331	24		XA332	34			16B	9			MBENAB	07	MBP28D	01	1	TLD	B1		13A			
19362		XA332	34		XA332	29			16B	9			MBENAB	08	MBP00D	01	1	TLD	C2		16A			
19364		XA332	29		XA331	47			16B	9			MBENAB	09	MBP01D	01	1	TLD	C3		14B			
19406		XA331	47		XA331	53			16B	9			MBENAB	10	MBP15D	01	1	TLD	D4		25B			
19415		XA331	53		XA331	59			16B	9			MBENAB	11	MBP18D	01	1	TLD	E3		28B			
19418		XA331	59		XA331	62			16B	9			MBENAB	12	MBP19D	01	1	TLD	F4		31B			
19413		XA331	62		XA331	68			16B	9			MBENAB	13	MBP17D	01	1	TLD	E2		29A			
19410		XA331	68		XA331	65			16B	9			MBENAB	14	MBP16D	01	1	TLD	E1		32A			
19427		XA331	65		XA331	71			16B	9			MBENAB	15	MBP22D	01	1	TLD	F3		34B			
19424		XA331	71		XA331	77			16B	9			MBENAB	16	MBP21D	01	1	TLD	E2		36A			
19422		XA331	77		XA331	76			16B	9			MBENAB	17	MBP20D	01	1	TLD	F1		38B			
19430		XA331	76		XA332	76			16B	9			MBENAB	18	MBP23D	01	1	TLD	E4		37A			
19403		XA332	76		XA338	45			16B	9			MBENAB	19	MBP14D	01	1	TLD	F4		37A			
19265		XA338	45		XA338	46			16B	9		P	MBENBO	20	MBENAB	01	2	TQ2	D3		24B			
19266		XA338	46	3	XA331	08		3	16B	9		P	MBENAO	21	MBENAB	01	1	TQ2	D2		21A	PRIORITY PORT B		
08882		XA331	08										MBENAB	22				TLD	A1		06A			
19269		XA230	33		XA334	38			16B	9			MBENAP	01	MBENAP	00	1	TDD	EP		16B			
21383		XA334	38		XA434	60			16B	9			MBENAP	02	MPRSTO	01	2	TD4	C1		18A			
20238		XA434	60		XA428	47			16B	9			MBENAP	03	MDENAA	01	2	TD4	E2		28A			
19700		XA428	47										MBENAP	04	MCENAA	01	2	TT3	D3		25B			
19272		XA230	31		XA235	50			16B	9			MBENAQ	01	MBENAQ	00	1	TDD	FQ		15B			
19264		XA235	50										MBENAQ	02	MBENAA	01	2	TQ2	D2		23A			
19273		XA338	46									J	MBENAO	01	MBENAO	00	1	TQ2	D2		21A	MBENAB BUSS A		
19276		XA338	57		XA338	66			16B	9		P	MBENCO	01	MBENBB	01	1	TQ2	E3		30B	PRIORITY PORT B		
19277		XA338	66		XA332	77			16B	9		P	MBENDO	02	MBENBB	01	2	TQ2	E1		31A			
19395		XA332	77		XA332	71			16B	9			MBENBB	03	MBP11D	01	1	TLD	F1		38B			
19397		XA332	71		XA332	65			16B	9			MBENBB	04	MBP12D	01	1	TLD	F2		36A			
19400		XA332	65		XA332	68			16B	9			MBENBB	05	MBP13D	01	1	TLD	F3		34B			
19383		XA332	68		XA332	62			16B	9			MBENBB	06	MBP07D	01	1	TLD	E1		32A			
19386		XA332	62		XA332	59			16B	9			MBENBB	07	MBP08D	01	1	TLD	E2		29A			
19391		XA332	59		XA332	53			16B	9			MBENBB	08	MBP10D	01	1	TLD	E4		31B			
19388		XA332	53		XA332	54			16B	9			MBENBB	09	MBP09D	01	1	TLD	E3		28B			
19371		XA332	54		XA332	48			16B	9			MBENBB	10	MBP03D	01	1	TLD	D1		25A			
19374		XA332	48		XA332	47			16B	9			MBENBB	11	MBP04D	01	1	TLD	D2		22A			
									****		SIGNAL		(MBENBB)								TS ON THE NEXT PAGE	****		

DRAWING NUMBER 149304-800 STRING UNIT ASSEMBLY NO. 149304 REV G INDEX MBENBB  
 UNIT ASSEMBLY NAME CARD CAGE WIRED, MCU FILE IDENT T39AMCMU DATE 09-02-82 PAGE 43

RECORD NUMBER	FROM			SR FC	TO			INFO	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		
19379		XA332	47		XA332	41			16B	9		MBENBB	12	MBP06D	01	1	TLD	D4			25B				
19376		XA332	41		XA331	43			16B	9		MBENBB	13	MBP05D	01	1	TLD	D3			22B				
19359		XA331	43		XA332	35			16B	9		MBENBB	14	MBP0PD	01	2	TLD	D3			23B				
19367		XA332	35		XA331	23			16B	9		MBENBB	15	MBP02D	01	1	TLD	C4			17B				
19454		XA331	23	3	XA338	57	3		16B	9		MBENBB	16	MBP31D	01	1	TLD	B4			11B				
09024		XA338	57									MBENBB	17				TQ2	E3			30B				
19280		XA338	45								J	MBENBO	01	MBENBO	00	1	TQ2	D3			24B		MBENAB BUSS A		
19283		XA338	57								J	MBENCO	01	MBENCO	00	1	TQ2	E3			30B		MBENBB BUSS B		
19284		XA338	66								J	MBENDO	01	MBENDO	00	1	TQ2	E1			31A		MBENBB BUSS B		
19457		XA239	01		XA233	27			16B	9		MBENE0	01	MBREDA	01	1	TD4	A2			02B				
19289		XA233	27		XA240	29			16B	9		MBENE0	02	MBENE0	00	1	TQ2	B4			13B		PRIORITY PORT B		
19310		XA240	29		XA240	33			16B	9		MBENE0	03	MBHDSA	01	1	TT3	C2			14B				
19306		XA240	33		XA239	61			16B	9		MBENE0	04	MBHDRA	01	1	TT3	C3			16B				
19483		XA239	61		XA336	11			16B	9		MBENE0	05	MBSBRA	01	1	TD4	E1			32B				
19479		XA336	11		XA322	39			16B	9		MBENE0	06	MBRQRA	01	1	TQ2	A4			05B				
19528		XA322	39		XA432	29			16B	9		MBENE0	08	MBYSZHX	01	1	ACF	C2			20A				
21075		XA432	29									MBENE0	10	MPBMSA	01	1	TQ2	C3			14B				
19293		XA335	39		XA336	77			16B	9		MBHCOA	01	MBHCOA	00	1	TT3	C3			19B		MBA 10 COMP PRT A*		
19339		XA336	77									MBHCOA	02	MBMCOO	01	1	TQ2	F1			38B				
19341		XA336	71		XA335	50			16B	9		MBHC1A	01	MBMC10	01	1	TQ2	F2			36A				
19294		XA335	50									MBHC1A	02	MBHC1A	00	1	TT3	D1			23A		MBA 11 COMP PRT A*		
19299		XA335	43		XA336	65			16B	9		MBHC2A	01	MBHC2A	00	1	TT3	D2			23B		MBA 12 COMP PRT A*		
19344		XA336	65									MBHC2A	02	MBMC20	01	1	TQ2	F3			34B				
19347		XA336	76		XA335	51			16B	9		MBHC3A	01	MBMC30	01	1	TQ2	F4			37A				
19305		XA335	51									MBHC3A	02	MBHC3A	00	1	TT3	D3			27B		MBA 13 COMP PRT A*		
19316		XA239	46		XA240	39			16B	9		MBHDRA	01	MBHLDR	01	2	TD4	D2			21A				
19309		XA240	39									MBHDRA	02	MBHDRA	00	1	TT3	C3			19B		PORT B HOLD RESET*		
19320		XA233	24		XA240	31			16B	9		MBHDSA	01	MBHLDS	01	1	TQ2	B1			13A				
19312		XA240	31									MBHDSA	02	MBHDSA	00	1	TT3	C2			15B		PORT B HOLD SET *		
21196		XA434	70		XA430	18			16B	9		MBHLDR	01	MPPBMR1	01	4	TD4	E1			33A				
21226		XA430	18		XA430	06			16B	9		MBHLDR	011	MPPDSA1	01	2	TS8	B1			10A				
21219		XA430	06		XA239	45			16B	9		MBHLDR	02	MPPCSA1	01	4	TS8	A1			05A				
19315		XA239	45		XA240	69			16B	9		MBHLDR	05	MBHLDR	00	1	TD4	D2			24B		PORT B HOLD LATCH*		
21127		XA240	69		XA233	26			16B	9		MBHLDR	051	MPHLDO	01	1	TT3	F3			35A				
19321		XA233	26									MBHLDR	06	MBHLDS	01	2	TQ2	B1			14A				
19319		XA233	22		XA239	43			16B	9		MBHLDS	01	MBHLDS	00	1	TQ2	B1			12A		PORT B HOLD LATCH		
19314		XA239	43									MBHLDS	02	MBHLDR	01	1	TD4	D2			23B				
									****	SIGNAL		MBLCOA		IS ON THE			NEXT PAGE			****					

DRAWING NUMBER 149304-800 STRING UNIT ASSEMBLY NO. 149304 REV G INDEX MBLCOA  
 UNIT ASSEMBLY NAME CARD CAGE WIRED, MCU FILE IDENT T39AMCMU DATE 09-02-82 PAGE 44

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 FE	PREFIX	CONNECTOR	PIN	SH FE	MULTI GROUP	CODE	COLOR	IDENT									SFC INST MISC	AND		
19322 19340		XA335 XA336	64 79			XA336	79			16B	9		MBLCOA MBLCOA	01 02	MBLCOA MBMCO0	00 01	1 2	TT3 TQ2	E1 F1		30A 39B		MBA 10 COMP PRT B*	
19343 19327		XA336 XA335	73 55			XA335	55			16B	9		MBLC1A MBLC1A	01 02	MBMC10 MBLC1A	01 00	2 1	TQ2 TT3	F2 E2		36B 29B		MBA 11 COMP PRT B*	
19333 19346		XA335 XA336	63 74			XA336	74			16B	9		MBLC2A MBLC2A	01 02	MBLC2A MBMC20	00 01	1 2	TT3 TQ2	E3 F3		33B 35B		MBA 12 COMP PRT B*	
19348 19334		XA336 XA335	78 73			XA335	73			16B	9		MBLC3A MBLC3A	01 02	MBMC30 MBLC3A	01 00	2 1	TQ2 TT3	F4 F1		38A 36B		MBA 13 COMP PRT B*	
19338 19462		XA336 XA337	75 30			XA337	30			16B	9		MBMC00 MBMC00	01 02	MBMC00 MBREQA	00 01	1 1	TQ2 TS8	F1 C1		37B 15A		MBA PORT B BIT 10	
19342 19463		XA336 XA337	72 31			XA337	31			16B	9		MBMC10 MBMC10	01 02	MBMC10 MBREQA	00 01	1 2	TQ2 TS8	F2 C1		34A 15B		MBA PORT B BIT 11	
19345 19464		XA336 XA337	69 34			XA337	34			16B	9		MBMC20 MBMC20	01 02	MBMC20 MBREQA	00 01	1 3	TQ2 TS8	F3 C1		35A 16A		MBA PORT B BIT 12	
19349 19466		XA336 XA337	80 36			XA337	36			16B	9		MBMC30 MBMC30	01 02	MBMC30 MBREQA	00 01	1 4	TQ2 TS8	F4 C1		39A 17A		MBA PORT B BIT 13	
19355 19354		XA233 XA334	35 21			XA334	21			16B	9		MBMCA MBMCA	01 02	MBMCO MBMCA	01 00	1 1	TQ2 TD4	C4 B2		17B 10B		MBA COMP PT B 6-9*	
19468 19357		XA337 XA233	38 39			XA233	39			16B	9		MBMCO MBMCO	01 02	MBREQA MBMCO	01 00	6 1	TS8 TQ2	C1 C4		18A 19B		MBA COMP PT B 6-9	
19360		XA331	45									J	MBPOPD	01	MBPOPD	00	1	TLD	D3		24B		MPP0B4 BUSS	
19361		XA332	30									J	MBP00D	01	MBP00D	00	1	TLD	C2		15A		MPP00B4 BUSS	
19366		XA332	33									J	MBP01D	01	MBP01D	00	1	TLD	C3		16B		MPP01B4 BUSS	
19369		XA332	39									J	MBP02D	01	MBP02D	00	1	TLD	C4		19B		MPP02B4 BUSS	
19370		XA332	52									J	MBP03D	01	MBP03D	00	1	TLD	D1		24A		MPP03B4 BUSS	
19373		XA332	46									J	MBP04D	01	MBP04D	00	1	TLD	D2		21A		MPP04B4 BUSS	
19378		XA332	45									J	MBP05D	01	MBP05D	00	1	TLD	D3		24B		MPP05B4 BUSS	
19381		XA332	51									J	MBP06D	01	MBP06D	00	1	TLD	D4		27B		MPP06B4 BUSS	
19382		XA332	66									J	MBP07D	01	MBP07D	00	1	TLD	E1		31A		MPP07B4 BUSS	
19385		XA332	60									J	MBP08D	01	MBP08D	00	1	TLD	E2		28A		MPP08B4 BUSS	
													****		SIGNAL (MBP09D)								IS ON THE NEXT PAGE	****



DRAWING NUMBER 149304-800 STRING UNIT ASSEMBLY NO. 149304 REV G INDEX MBP09D  
 UNIT ASSEMBLY NAME CARD CAGE WIRED, MCU FILE IDENT T39AMCMU DATE 09-02-82 PAGE 45

RECORD NUMBER	FROM				TO				WIRE				SFC 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	PL	PREFIX	CONNECTOR	PIN	PL	MULT. GROUP	CODE	COLOR	IDENT										AND	OR		
I9390		XA332	57										J	MBP09D	01	MBP09D	00	1	TLD	E3		30B	MPP09B4 BUSS		
I9393		XA332	63										J	MBP10D	01	MBP10D	00	1	TLD	E4		33B	MPP10B4 BUSS		
I9394		XA332	75										J	MBP11D	01	MBP11D	00	1	TLD	F1		37B	MPP11B4 BUSS		
I9398		XA332	72										J	MBP12D	01	MBP12D	00	1	TLD	F2		34A	MPP12B4 BUSS		
I9401		XA332	69										J	MBP13D	01	MBP13D	00	1	TLD	F3		35A	MPP13B4 BUSS		
I9405		XA332	80										J	MBP14D	01	MBP14D	00	1	TLD	F4		39A	MPP14B4 BUSS		
I9408		XA331	51										J	MBP15D	01	MBP15D	00	1	TLD	D4		27B	MPP15B4 BUSS		
I9409		XA331	66										J	MBP16D	01	MBP16D	00	1	TLD	E1		31A	MPP16B4 BUSS		
I9412		XA331	60										J	MBP17D	01	MBP17D	00	1	TLD	E2		28A	MPP17B4 BUSS		
I9417		XA331	57										J	MBP18D	01	MBP18D	00	1	TLD	E3		30B	MPP18B4 BUSS		
I9420		XA331	63										J	MBP19D	01	MBP19D	00	1	TLD	E4		33B	MPP19B4 BUSS		
I9421		XA331	75										J	MBP20D	01	MBP20D	00	1	TLD	F1		37B	MPP20B4 BUSS		
I9425		XA331	72										J	MBP21D	01	MBP21D	00	1	TLD	F2		34A	MPP21B4 BUSS		
I9428		XA331	69										J	MBP22D	01	MBP22D	00	1	TLD	F3		35A	MPP22B4 BUSS		
I9432		XA331	80										J	MBP23D	01	MBP23D	00	1	TLD	F4		39A	MPP23B4 BUSS		
I9433		XA331	06										J	MBP24D	01	MBP24D	00	1	TLD	A1		05A	MPP24B4 BUSS		
I9436		XA331	01										J	MBP25D	01	MBP25D	00	1	TLD	A2		02B	MPP25B4 BUSS		
I9441		XA331	09										J	MBP26D	01	MBP26D	00	1	TLD	A3		04B	MPP26B4 BUSS		
I9444		XA331	15										J	MBP27D	01	MBP27D	00	1	TLD	A4		07B	MPP27B4 BUSS		
I9445		XA331	22										J	MBP28D	01	MBP28D	00	1	TLD	B1		12A	MPP28B4 BUSS		
I9448		XA331	14										J	MBP29D	01	MBP29D	00	1	TLD	B2		09A	MPP29B4 BUSS		
I9453		XA331	21										J	MBP30D	01	MBP30D	00	1	TLD	B3		10B	MPP30B4 BUSS		
I9456		XA331	27										J	MBP31D	01	MBP31D	00	1	TLD	B4		13B	MPP31B4 BUSS		
I9461		XA239	09		XA220	06				16B	9		MBREDA	01	MBREDA	00	1	TD4	A2			04B	PRT B I/O OUT ENB*		
I9656		XA220	06		XA221	06				16B	9		MBREDA	02	MBY24DX	01	1	DCF	A1				05A		
I9577		XA221	06		XA221	36				16B	9		MBREDA	03	MBY08DX	01	1	DCF	A1				05A		
I9606		XA221	36		XA220	36				16B	9		MBREDA	04	MBY12DX	01	1	DCF	B1				13A		
										****			SIGNAL (MBREDA)		IS ON THE							****			

DRAWING NUMBER 149304-800 STRING UNIT ASSEMBLY NO. 149304 REV G INDEX MBREDA  
 UNIT ASSEMBLY NAME CARD CAGE WIRED, MCU FILE IDENT T39AMCMU DATE 09-02-82 PAGE 46

RECORD NUMBER	FROM				TO				WIRE				SIGNAL	SEQ NO	EQUATION	TERM	FACTOR	CMT OR CHIP TYPE	GROUP	LOAD OR POWER PLANE	TEST POINTS AND/OR	SIGNAL DESCRIPTION	ECO NO
	PREFIX	CONNECTOR	PIN	INFO	PREFIX	CONNECTOR	PIN	INFO	MULTI GROUP	CODE	COLOR	IDENT											
19673		XA220	36		XA220	52				16B	9		MBREDA	05	MBY28DX	01	1	DCF	B1		13A		
19530		XA220	52		XA221	52				16B	9		MBREDA	06	MBYOPDX	01	1	DCE	C1		29A		
19625		XA221	52		XA222	52				16B	9		MBREDA	07	MBY16DX	01	1	DCF	C1		29A		
19534		XA222	52		XA222	72				16B	9		MBREDA	08	MBY00DX	01	1	DCE	C1		29A		
19553		XA222	72		XA221	72				16B	9		MBREDA	09	MBY04DX	01	1	DCF	D1		36A		
19641		XA221	72										MBREDA	10	MBY20DX	01	1	DCE	D1		36A		
19477		XA336	04		XA337	35				16B	9		MBREQA	01	MBREQS	01	1	TQ2	A2		04A		
19465		XA337	35										MBREQA	02	MBREQA	00	1	TS8	C1		17B	PRT B REQUEST SET*	
21008		XA228	55		XA334	09				16B	9		MBREQR	01	MPAMRA	01	1	TD4	E2		29B		
19475		XA334	09		XA336	05				16B	9		MBREQR	02	MBREQR	00	1	TD4	A2		04B	PORT B REQUEST *	
19478		XA336	05										MBREQR	03	MBREQS	01	2	TQ2	A2		03B		
19471		XA334	01		XA336	01				16B	9		MBREQS	01	MBREQR	01	1	TD4	A2		02B		
19476		XA336	01		XA338	05				16B	9		MBREQS	02	MBREQS	00	1	TQ2	A2		02B	PORT B REQUEST	
19261		XA338	05		XA337	43				16B	9		MBREQS	03	MBCTSA	01	2	TQ2	A2		03B		
21200		XA337	43										MBREQS	05	MPPBSA	01	1	TS8	D1		23B		
19472		XA334	04		XA336	15				16B	9		MBRQRA	01	MBREQR	01	2	TD4	A2		04A		
19481		XA336	15										MBRQRA	02	MBRQRA	00	1	TQ2	A4		07B	PRT B REQUEST RST*	
21398		XA241	60		XA239	59				16B	9		MBSBRA	01	MPSBRS	01	2	TS8	E1		28A		
19482		XA239	59		XA338	24				16B	9		MBSBRA	02	MBSBRA	00	1	TD4	E1		31B	S1B RCVD PORT A *	
19488		XA338	24										MBSBRA	03	MBSHDO	01	1	TQ2	B1		13A		
19487		XA338	22		XA240	35				16B	9		MBSHDO	01	MBSHDO	00	1	TQ2	B1		12A	PORT B HOLD SAMPLE	
19307		XA240	35		XA240	30				16B	9		MBSHDO	02	MBSHDO	01	2	TT3	C3		17B		
19311		XA240	30										MBSHDO	03	MBSHSA	01	2	TT3	C2		15A		
19490		XA237	14		XA239	68				16B	9		MBYACA	01	MBYACA	00	1	TQ2	B2		09A	ADR CONTRL PRT B *	
19485		XA239	68										MBYACA	02	MBSBRA	01	3	TD4	E1		32A		
07664		XA304	65		XA302	69				16B	9		MBYACDX	00C									
07501		XA302	69		XA303	69				16B	9		MBYACDX	005				EXT					
07585		XA303	69		XA220	65				16B	9		MBYACDX	01				EXT					
19493		XA220	65										MBYACDX	02	MBYACDX	00	1	DCF	D1		32B	ADR CONT PRT B I/O	
19467		XA337	37		XA237	18				16B	9		MBYACOX	01	MBREQA	01	5	TS8	C1		18B		
19491		XA237	18		XA220	69				16B	9		MBYACOX	02	MBYACA	01	1	TQ2	B2		10A		
19495		XA220	69										MBYACOX	03	MBYACOX	00	1	DCF	D2		33B	ADR CONTROL PORT B	
07671		XA304	72		XA302	77				16B	9		MBYAPDX	00C									
07511		XA302	77		XA303	77				16B	9		MBYAPDX	005				EXT					
07593		XA303	77		XA220	55				16B	9		MBYAPDX	01				EXT					
19498		XA220	55										MBYAPDX	02	MBYAPDX	00	1	DCE	C3		30B	ACCEPT PORT B I/O	
19308		XA240	37		XA338	14				16B	9		MBYHCA	01	MBHDRA	01	3	TT3	C3		18B		
19501		XA338	14										MBYHCA	02	MBYHCA	00	1	TQ2	B2		09A	HLD CONTROL PRT B*	
										****	SIGNAL		{MBYHCDX}		IS ON THE		NEXT PAGE		****				

DRAWING NUMBER 149304-800 STRING  
 UNIT ASSEMBLY NAME CARD CAGE WIRED, MCU

UNIT ASSEMBLY NO. 149304  
 FILE IDENT T39AMCMU

REV G INDEX MBYHCDX  
 DATE 09-02-82 PAGE 47

RECORD NUMBER	FROM				TO				WIRE				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 PG	PREFIX	CONNECTOR	PIN	SH PG	MULTI GROUP	CODE	COLOR	IDENT											
07665		XA304	66			XA302	71			16B	9		MBYHCDX	00C									
07504		XA302	71			XA303	71			16B	9		MBYHCDX	005									
07587		XA303	71			XA220	78			16B	9		MBYHCDX	01									
19505		XA220	78										MBYHCDX	02	MBYHCDX	00	1	DCF	D3		37B	HLD CNTRL PT B I/O	
19313		XA240	34			XA338	18			16B	9		MBYHCOX	01	MBHDSA	01	3	TT3	C2		16A		
19502		XA338	18			XA220	75			16B	9		MBYHCOX	02	MBYHCA	01	1	TQ2	B2		10A		
19507		XA220	75										MBYHCOX	03	MBYHCOX	00	1	DCF	D4		36B	HLD CONTROL PORT B	
19510		XA238	51			XA241	04			16B	9		MBYMIA	01	MBYMIA	00	1	TQ2	D4		27B	INHIBIT PORT B *	
21135		XA241	04										MBYMIA	02	MPINRO	01	2	TS8	A1		04A		
09185		XA342	73			XA302	67			16B	9		MBYMIDX	00C									
07498		XA302	67			XA303	67			16B	9		MBYMIDX	005									
07583		XA303	67			XA220	80			16B	9		MBYMIDX	01									
19512		XA220	80										MBYMIDX	02	MBYMIDX	00	1	DCF	D5		38B	INHIBIT PORT B I/O	
19508		XA238	47			XA220	76			16B	9		MBYMIOX	01	MBYMIA	01	1	TQ2	D4		25B		
19514		XA220	76										MBYMIOX	02	MBYMIOX	00	1	DCF	D6		38A	INHIBIT PORT B	
19515		XA220	61			XA303	79			16B	9		MBYPFDX	01	MBYPFDX	00	1	DCF	D7		33A	PWR FAIL PRT B I/O	
07595		XA303	79			XA302	79			16B	9		MBYPFDX	02									
07514		XA302	79			XA304	74			16B	9		MBYPFDX	03									
07673		XA304	74										MBYPFDX	04									
07679		XA304	80			XA302	74			16B	9		MBYSIGX	00C									
07508		XA302	74			XA303	74			16B	9		MBYSIGX	005									
07590		XA303	74			XA321	23			16B	9		MBYSIGX	01									
19519		XA321	23										MBYSIGX	02	MBYSIGX	00	1	ACF	C1				SYNC 1 PRT B I/O
19520		XA321	25			XA303	73			16B	9		MBYS1HX	01	MBYS1HX	00	1	ACF	C2				SYNC 1 PRT B I/O
07589		XA303	73			XA302	73			16B	9		MBYS1HX	02									
07507		XA302	73			XA304	77			16B	9		MBYS1HX	03									
07676		XA304	77										MBYS1HX	04									
19484		XA239	66			XA335	79			16B	9		MBYS1TX	01	MBSBRA	01	2	TD4	F1		31A		
19337		XA335	79			XA335	70			16B	9		MBYS1TX	02	MBLC3A	01	3	TT3	F1		39B		
19325		XA335	70			XA335	61			16B	9		MBYS1TX	03	MBLCOA	01	3	TT3	F1		33A		
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	F2		29A		
19297		XA335	56			XA335	48			16B	9		MBYS1TX	06	MBHC1A	01	3	TT3	D1		26A		
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		
19292		XA335	37			XA321	65			16B	9		MBYS1TX	09	MBHCOA	01	3	TT3	C3		18B		
19523		XA321	65										MBYS1TX	10	MBYS1TX	00	1	ACF	C3		32A	SYNC 1 PORT B	
07678		XA304	79			XA302	76			16B	9		MBYS2GX	00C									
07510		XA302	76			XA303	76			16B	9		MBYS2GX	005									
07592		XA303	76			XA322	23			16B	9		MBYS2GX	01									
19526		XA322	23										MBYS2GX	02	MBYS2GX	00	1	ACF	C1				SYNC 2 PRT B I/O

DRAWING NUMBER 149304-800 STRING UNIT ASSEMBLY NO. 149304 REV G INDEX MBYS2GX  
 UNIT ASSEMBLY NAME CARD CAGE WIRED, MCU FILE IDENT T39AMCMU DATE 09-02-82 PAGE 48

RECORD NUMBER	FROM				TO				WIRE			SFC 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		
	PREFIX	CONNECTOR	PIN	SR FC	PREFIX	CONNECTOR	PIN	SR FC	MULTI GROUP	CODE	COLOR													IDENT	
19527 07591 07509 07677		XA322 XA303 XA302 XA304	25 75 75 78			XA 303 XA 302 XA 304	75 75 78			16B 16B 16B	9 9 9			MBYS2HX MBYS2HX MBYS2HX MBYS2HX	01 02 03 04	MBYS2HX	00	1	ACF EXT EXT	C2			SYNC 2 PRT B I/O		
19529 07517 07400 07601		XA220 XA303 XA302 XA304	46 01 01 05			XA 303 XA 302 XA 304	01 01 05			16B 16B 16B	9 9 9			MBYOPDX MBYOPDX MBYOPDX MBYOPDX	01 02 03 04	MBYOPDX	00	1	DCF EXT EXT	C1	25B		PRTY BIT PRT B I/O		
19358 19531		XA331 XA220	41 47			XA 220	47			16B	9			MBYOPOX MBYOPOX	01 02	MBPOPD MBYOPOX	01 00	1	TLD DCF	D3 C2	22B 26B		PARITY BIT PORT B		
19533 07519 07403 07602		XA222 XA303 XA302 XA304	46 03 03 06			XA 303 XA 302 XA 304	03 03 06			16B 16B 16B	9 9 9			MBY00DX MBY00DX MBY00DX MBY00DX	01 02 03 04	MBY00DX	00	1	DCF EXT EXT	C1	25B		00 BIT PORT B I/O		
19363 19252 19535		XA332 XA239 XA222	36 37 47			XA 239 XA 222	37 47			16B 16B	9 9			MBY000X MBY000X MBY000X	01 02 03	MBPOOD MBACTA MBY000X	01 01 00	2 1	TLD TD4 DCF	C2 C1 C2	17A 18B 26B		00 BIT PORT B		
19538 19253		XA237 XA239	69 38			XA 239	38			16B	9			MBY01A MBY01A	01 02	MBY01A MBACTA	00 01	1 2	TQ2 TD4	F3 C1	35A 18A		01 BIT PORT B *		
19541 07521 07406 07603		XA222 XA303 XA302 XA304	55 05 05 07			XA 303 XA 302 XA 304	05 05 07			16B 16B 16B	9 9 9			MBY01DX MBY01DX MBY01DX MBY01DX	01 02 03 04	MBY01DX	00	1	DCF EXT EXT	C3	30B		01 BIT PORT B I/O		
19365 19537 19543		XA332 XA237 XA222	31 65 56			XA 237 XA 222	65 56			16B 16B	9 9			MBY010X MBY010X MBY010X	01 02 03	MBP01D MBY01A MBY010X	01 01 00	2 1	TLD TQ2 DCF	C3 F3 C4	15B 34B 29B		01 BIT PORT B		
19545 07523 07409 07604		XA222 XA303 XA302 XA304	60 07 07 08			XA 303 XA 302 XA 304	07 07 08			16B 16B 16B	9 9 9			MBY02DX MBY02DX MBY02DX MBY02DX	01 02 03 04	MBY02DX	00	1	DCF EXT EXT	C5	31B				
19368 19547		XA332 XA222	37 57			XA 222	57			16B	9			MBY020X MBY020X	01 02	MBP02D MBY020X	01 00	2 1	TLD DCF	C4 C6	18B 31A		02 BIT PORT B		
19548 07525 07412 07606		XA222 XA303 XA302 XA304	43 09 09 10			XA 303 XA 302 XA 304	09 09 10			16B 16B 16B	9 9 9			MBY03DX MBY03DX MBY03DX MBY03DX	01 02 03 04	MBY03DX	00	1	DCF EXT EXT	C7	25A		03 BIT PORT B I/O		
19372		XA332	56			XA 222	48			16B	9			MBY030X	01	MBP03D	01	2	TLD	D1	26A				
										****		SIGNAL	(MBY030X)			IS ON THE								NEXT PAGE	****

DRAWING NUMBER 149304-800 STRING UNIT ASSEMBLY NO. 149304 REV G INDEX MBY030X  
 UNIT ASSEMBLY NAME CARD CAGE WIRED, MCU FILE IDENT T39AMCMU DATE 09-02-82 PAGE 49

RECORD NUMBER	PREFIX	CONNECTOR	PIN	SFC	PREFIX	CONNECTOR	PIN	SFC	MULTI GROUP	CODE	COLOR	IDENT	SFC INST. MISC	SIGNAL	SEQ NO	EQUATION	TERM	FACTOR	CKT OR CHIP TYPE	GROUP	LOAD OR POWER PLANE	TEST POINTS		SIGNAL DESCRIPTION	ECO NO	
																						AND	OR			
19550		XA222	48											MBY030X	02	MBY030X	00	1	DCF	C8		26A		03 BIT PORT B		
19552		XA222	65			XA303	11			16B	9			MBY04DX	01	MBY04DX	00	1	DCF	D1		32B		04 BIT PORT B I/O		
07527		XA303	11			XA302	11			16B	9			MBY04DX	02				EXT							
07414		XA302	11			XA304	17			16B	9			MBY04DX	03				EXT							
07613		XA304	17											MBY04DX	04											
19375		XA332	50			XA222	69			16B	9			MBY040X	01	MBP04D	01	2	TLD	D2		23A				
19554		XA222	69											MBY040X	02	MBY040X	00	1	DCF	D2		33B		04 BIT PORT B		
19557		XA222	78			XA303	13			16B	9			MBY05DX	01	MBY05DX	00	1	DCF	D3		37B		05 BIT PORT B I/O		
07529		XA303	13			XA302	13			16B	9			MBY05DX	02				EXT							
07417		XA302	13			XA304	18			16B	9			MBY05DX	03				EXT							
07614		XA304	18											MBY05DX	04											
19377		XA332	43			XA222	75			16B	9			MBY050X	01	MBP05D	01	2	TLD	D3		23B				
19559		XA222	75											MBY050X	02	MBY050X	00	1	DCF	D4		36B		05 BIT PORT B		
19560		XA336	38			XA334	14			16B	9			MBY06A	01	MBY06A	00	1	TQ2	C1		18A		06 BIT PORT B*		
19350		XA334	14											MBY06A	02	MBMCA	01	1	TD4	B2		09A				
19564		XA222	80			XA303	15			16B	9			MBY06DX	01	MBY06DX	00	1	DCF	D5		38B		06 BIT PORT B I/O		
07531		XA303	15			XA302	15			16B	9			MBY06DX	02				EXT							
07420		XA302	15			XA304	20			16B	9			MBY06DX	03				EXT							
07616		XA304	20											MBY06DX	04											
19561		XA336	40			XA332	49			16B	9			MBY060X	01	MBY06A	01	1	TQ2	C1		19A				
19380		XA332	49			XA222	76			16B	9			MBY060X	02	MBP06D	01	2	TLD	D4		26B				
19566		XA222	76											MBY060X	03	MBY060X	00	1	DCF	D6		38A		06 BIT PORT B		
19567		XA336	30			XA334	18			16B	9			MBY07A	01	MBY07A	00	1	TQ2	C2		15A		07 BIT PORT B*		
19351		XA334	18											MBY07A	02	MBMCA	01	2	TD4	B2		10A				
19570		XA222	61			XA303	17			16B	9			MBY07DX	01	MBY07DX	00	1	DCF	D7		33A		07 BIT PORT B I/O		
07533		XA303	17			XA302	17			16B	9			MBY07DX	02				EXT							
07423		XA302	17			XA304	09			16B	9			MBY07DX	03				EXT							
07605		XA304	09											MBY07DX	04											
19384		XA332	70			XA336	34			16B	9			MBY070X	01	MBP07D	01	2	TLD	E1		33A				
19568		XA336	34			XA222	68			16B	9			MBY070X	02	MBY07A	01	1	TQ2	C2		16A				
19572		XA222	68											MBY070X	03	MBY070X	00	1	DCF	D8		34A		07 BIT PORT B		
19576		XA336	33			XA334	19			16B	9			MBY08A	01	MBY08A	00	1	TQ2	C3		16B		08 BIT PORT B*		
19352		XA334	19											MBY08A	02	MBMCA	01	3	TD4	B2		09B				
19578		XA221	07			XA303	19			16B	9			MBY08DX	01	MBY08DX	00	1	DCF	A1		02B		08 BIT PORT B I/O		
07535		XA303	19			XA302	19			16B	9			MBY08DX	02				EXT							
07426		XA302	19			XA304	24			16B	9			MBY08DX	03				EXT							
07620		XA304	24											MBY08DX	04											
										****	SIGNAL			MBY080X		IS ON THE			NEXT PAGE		****					

DRAWING NUMBER 149304-800 STRING  
 UNIT ASEMBLY NAME CARD CAGE WIRED, MCU

UNIT ASSEMBLY NO. 149304  
 FILE IDENT T39AMCMU

REV G INDEX MBY080X  
 DATE 09-02-82 PAGE 50

DRAWING NUMBER UNIT ASSEMBLY NAME		STRING										UNIT ASSEMBLY NO. FILE IDENT		REV DATE		INDEX PAGE		INDEX PAGE						
149304-800 CARD CAGE WIRED, MCU												149304 T39AMCMU		G 09-02-82		MBY080X 50								
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 PC	PREFIX	CONNECTOR	PIN	SH PC	MULTI GROUP	CODE	COLOR	IDENT									SPEC INST. MISC	AND		
19387		XA332	64		XA336	29				16B	9		MBY080X	01	MBP08D	01	2	TLD	E2		30A			
19574		XA336	29		XA221	09				16B	9		MBY080X	02	MBY08A	01	1	TQ2	C3		14B			
19579		XA221	09										MBY080X	03	MBY080X	00	1	DCF	A2		03B	08 BIT PORT B		
19583		XA336	39		XA334	20				16B	9		MBY09A	01	MBY09A	00	1	TQ2	C4		19B	09 BIT PORT B*		
19353		XA334	20										MBY09A	02	MBMMCA	01	4	TD4	B2		11A			
19585		XA221	17		XA303	21				16B	9		MBY09DX	01	MBY09DX	00	1	DCE	A3		07B	09 BIT PORT B I/O		
07537		XA303	21		XA302	21				16B	9		MBY09DX	02				EXT						
07429		XA302	21		XA304	25				16B	9		MBY09DX	03				EXT						
07621		XA304	25										MBY09DX	04				EXT						
19581		XA336	35		XA332	55				16B	9		MBY090X	01	MBY09A	01	1	TQ2	C4		17B			
19389		XA332	55		XA221	15				16B	9		MBY090X	02	MBP09D	01	2	TLD	E3		29B			
19587		XA221	15										MBY090X	03	MBY090X	00	1	DCF	A4		06B	09 BIT PORT B		
19588		XA233	52		XA335	66				16B	9		MBY10A	01	MBY10A	00	1	TQ2	D1		24A	10 BIT PORT B*		
19323		XA335	66										MBY10A	02	MBLCOA	01	1	TT3	E1		31A			
19592		XA221	14		XA303	23				16B	9		MBY10DX	01	MBY10DX	00	1	DCE	A5		08B	10 BIT PORT B I/O		
07539		XA303	23		XA302	23				16B	9		MBY10DX	02				EXT						
07432		XA302	23		XA304	26				16B	9		MBY10DX	03				EXT						
07622		XA304	26										MBY10DX	04				EXT						
19392		XA332	61		XA335	33				16B	9		MBY100X	01	MBP10D	01	2	TLD	E4		32B			
19290		XA335	33		XA233	54				16B	9		MBY100X	02	MBHCOA	01	1	TT3	C3		16B			
19589		XA233	54		XA221	10				16B	9		MBY100X	03	MBY10A	01	1	TQ2	D1		25A			
19594		XA221	10										MBY100X	04	MBY100X	00	1	DCF	A6		07A	10 BIT PORT B		
19326		XA335	53		XA233	46				16B	9		MBY11A	01	MBLCA	01	1	TT3	E2		28B			
19595		XA233	46										MBY11A	02	MBY11A	00	1	TQ2	D2		21A	11 BIT PORT B*		
19598		XA221	01		XA303	25				16B	9		MBY11DX	01	MBY11DX	00	1	DCF	A7		02A	11 BIT PORT B I/O		
07541		XA303	25		XA302	25				16B	9		MBY11DX	02				EXT						
07435		XA302	25		XA304	30				16B	9		MBY11DX	03				EXT						
07626		XA304	30										MBY11DX	04				EXT						
19396		XA332	79		XA335	52				16B	9		MBY110X	01	MBP11D	01	2	TLD	E1		39B			
19295		XA335	52		XA233	48				16B	9		MBY110X	02	MBHC1A	01	1	TT3	D1		24A			
19596		XA233	48		XA221	03				16B	9		MBY110X	03	MBY11A	01	1	TQ2	D2		22A			
19600		XA221	03										MBY110X	04	MBY110X	00	1	DCF	A8		03A	11 BIT PORT B		
19330		XA335	57		XA233	45				16B	9		MBY12A	01	MBLCA	01	1	TT3	E3		30B			
19604		XA233	45										MBY12A	02	MBY12A	00	1	TQ2	D3		24B	12 BIT PORT B*		
19605		XA221	27		XA303	27				16B	9		MBY12DX	01	MBY12DX	00	1	DCF	B1		10B	12 BIT PORT B I/O		
07543		XA303	27		XA302	27				16B	9		MBY12DX	02				EXT						
07438		XA302	27		XA304	19				16B	9		MBY12DX	03				EXT						
07615		XA304	19										MBY12DX	04				EXT						
												****	SIGNAL	(MBY120X)	IS ON THE	NEXT PAGE	****							

DRAWING NUMBER 149304-800 STRING UNIT ASSEMBLY NO. 149304 REV G INDEX MBY120X  
 UNIT ASSEMBLY NAME CARD CAGE WIRED, MCU FILE IDENT T39AMCMU DATE 09-02-82 PAGE 51

RECORD NUMBER	FROM				TO				WIRE				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	SI	PREFIX	CONNECTOR	PIN	SI	MULTI GROUP	CODE	COLOR	IDENT												
19399		XA332	73										MBY120X	01	MBP12D	01	2	TLD	F2		36B			
19298		XA335	41										MBY120X	02	MBHC2A	01	1	TT3	D2		22B			
19602		XA233	41										MBY120X	03	MBY12A	01	1	TQ2	D3		22B			
19607		XA221	29										MBY120X	04	MBY120X	00	1	DCF	B2		11B	12 BIT PORT B	/	
19335		XA335	75										MBY13A	01	MBLC3A	01	1	TT3	F1		37B			
19611		XA233	51										MBY13A	02	MBY13A	00	1	TQ2	D4		27B	13 BIT PORT B*		
19613		XA221	37										MBY13DX	01	MBY13DX	00	1	DCF	B3		15B	13 BIT PORT B I/O		
07545		XA303	29										MBY13DX	02				EXT						
07441		XA302	29										MBY13DX	03				EXT						
07634		XA304	36										MBY13DX	04				EXT						
19402		XA332	74										MBY130X	01	MBP13D	01	2	TLD	F3		35B			
19302		XA335	45										MBY130X	02	MBHC3A	01	1	TT3	D3		24B			
19609		XA233	47										MBY130X	03	MBY13A	01	1	TQ2	D4		25B			
19615		XA221	35										MBY130X	04	MBY130X	00	1	DCF	B4		14B	13 BIT PORT B		
19617		XA221	41										MBY14DX	01	MBY14DX	00	1	DCF	B5		16A	14 BIT PORT B I/O		
07547		XA303	31										MBY14DX	02				EXT						
07444		XA302	31										MBY14DX	03				EXT						
07635		XA304	37										MBY14DX	04				EXT						
19404		XA332	78										MBY140X	01	MBP14D	01	2	TLD	F4		38A			
19619		XA221	40										MBY140X	02	MBY140X	00	1	DCF	B6		15A	14 BIT PORT B		
19620		XA221	23										MBY15DX	01	MBY15DX	00	1	DCF	B7		10A	15 BIT PORT B I/O		
07549		XA303	33										MBY15DX	02				EXT						
07447		XA302	33										MBY15DX	03				EXT						
07636		XA304	38										MBY15DX	04				EXT						
19407		XA331	49										MBY150X	01	MBP15D	01	2	TLD	D4		26B			
19622		XA221	30										MBY150X	02	MBY150X	00	1	DCF	B8		11A	15 BIT PORT B		
19624		XA221	46										MBY16DX	01	MBY16DX	00	1	DCF	C1		25B	16 BIT PORT B I/O		
07551		XA303	35										MBY16DX	02				EXT						
07450		XA302	35										MBY16DX	03				EXT						
07638		XA304	40										MBY16DX	04				EXT						
19411		XA331	70										MBY160X	01	MBP16D	01	2	TLD	F1		33A			
19626		XA221	47										MBY160X	02	MBY160X	00	1	DCF	C2		26B	16 BIT PORT B		
19629		XA221	55										MBY17DX	01	MBY17DX	00	1	DCF	C3		30B	17 BIT PORT B I/O		
07553		XA303	37										MBY17DX	02				EXT						
07453		XA302	37										MBY17DX	03				EXT						
07639		XA304	41										MBY17DX	04				EXT						
19414		XA331	64										MBY170X	01	MBP17D	01	2	TLD	F2		30A			
19631		XA221	56										MBY170X	02	MBY170X	00	1	DCF	C4		29B	17 BIT PORT B		
												****	SIGNAL	{MBY18DX }	IS ON THE NEXT PAGE					****				

DRAWING NUMBER 149304-800 STRING UNIT ASSEMBLY NO. 149304 REV G INDEX MBY18DX  
 UNIT ASSEMBLY NAME CARD CAGE WIRED, MCU FILE IDENT T39AMCMU DATE 09-02-82 PAGE 52

RECORD NUMBER	FROM				TO				WIRE			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 12	PREFIX	CONNECTOR	PIN	SH 12	MULTI GROUP	CODE	COLOR												IDENT	
19633 07555 07456 07640		XA221 XA303 XA302 XA304	60 39 39 42			XA303 XA302 XA304	39 39 42			16B 16B 16B	9 9 9		MBY18DX MBY18DX MBY18DX MBY18DX	01 02 03 04	MBY18DX	00	1	DCF EXT EXT	C5		31B	18 BIT PORT B I/O		
19416 19635		XA331 XA221	55 57			XA221	57			16B	9		MBY180X MBY180X	01 02	MBP18D MBY180X	01 00	2 1	TLD DCF	E3 C6		29B 31A		18 BIT PORT B	
19636 07557 07459 07643		XA221 XA303 XA302 XA304	43 41 41 45			XA303 XA302 XA304	41 41 45			16B 16B 16B	9 9 9		MBY19DX MBY19DX MBY19DX MBY19DX	01 02 03 04	MBY19DX	00	1	DCF EXT EXT	C7		25A	19 BIT PORT B I/O		
19419 19638		XA331 XA221	61 48			XA221	48			16B	9		MBY190X MBY190X	01 02	MBP19D MBY190X	01 00	2 1	TLD DCF	E4 C8		32B 26A		19 BIT PORT B	
19640 07559 07462 07644		XA221 XA303 XA302 XA304	65 43 43 46			XA303 XA302 XA304	43 43 46			16B 16B 16B	9 9 9		MBY20DX MBY20DX MBY20DX MBY20DX	01 02 03 04	MBY20DX	00	1	DCF EXT EXT	D1		32B	20 BIT PORT B I/O		
19423 19642		XA331 XA221	79 69			XA221	69			16B	9		MBY200X MBY200X	01 02	MBP20D MBY200X	01 00	2 1	TLD DCF	F1 D2		39B 33B		20 BIT PORT B	
19645 07561 07465 07625		XA221 XA303 XA302 XA304	78 45 45 29			XA303 XA302 XA304	45 45 29			16B 16B 16B	9 9 9		MBY21DX MBY21DX MBY21DX MBY21DX	01 02 03 04	MBY21DX	00	1	DCF EXT EXT	D3		37B	21 BIT PORT B I/O		
19426 19647		XA331 XA221	73 75			XA221	75			16B	9		MBY210X MBY210X	01 02	MBP21D MBY210X	01 00	2 1	TLD DCF	E2 D4		36B 36B		21 BIT PORT B	
19649 07563 07468 07646		XA221 XA303 XA302 XA304	80 47 47 48			XA303 XA302 XA304	47 47 48			16B 16B 16B	9 9 9		MBY22DX MBY22DX MBY22DX MBY22DX	01 02 03 04	MBY22DX	00	1	DCF EXT EXT	D5		38B	22 BIT PORT B I/O		
19429 19651		XA331 XA221	74 76			XA221	76			16B	9		MBY220X MBY220X	01 02	MBP22D MBY220X	01 00	2 1	TLD DCF	F3 D6		35B 38A		22 BIT PORT B	
19652 07565 07471 07649		XA221 XA303 XA302 XA304	61 49 49 51			XA303 XA302 XA304	49 49 51			16B 16B 16B	9 9 9		MBY23DX MBY23DX MBY23DX MBY23DX	01 02 03 04	MBY23DX	00	1	DCF EXT EXT	D7		33A	23 BIT PORT B I/O		
19431 19654		XA331 XA221	78 68			XA221	68			16B	9		MBY230X MBY230X	01 02	MBP23D MBY230X	01 00	2 1	TLD DCF	F4 D8		38A 34A		23 BIT PORT B	
19657 07567		XA220 XA303	07 51			XA303 XA302	51 51			16B 16B	9 9		MBY24DX MBY24DX	01 02	MBY24DX	00	1	DCF EXT	A1		02B	24 BIT PORT B I/O		
										****	SIGNAL	(MBY24DX)	IS ON THE NEXT PAGE										****	



DRAWING NUMBER 149304-800 STRING UNIT ASSEMBLY NO. 149304 REV G INDEX MBY24DX  
 UNIT ASSEMBLY NAME CARD CAGE WIRED, MCU FILE IDENT T39AMCMU DATE 09-02-82 PAGE 53

RECORD NUMBER	FROM			SH FE	TO			SH FE	WIRE			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	
	PREFIX	CONNECTOR	PIN		PREFIX	CONNECTOR	PIN		MULT-GROUP	CODE	COLOR													IDENT
07474 07650		XA302 XA304	51 52			XA304	52			16B	9		MBY24DX MBY24DX	03 04				EXT						
19435 19658		XA331 XA220	10 09			XA220	09			16B	9		MBY240X MBY240X	01 02	MBP24D MBY240X	01 2 00 1	TLD DCF	A1 A2		07A 03B		24 BIT PORT B		
19661 07569		XA220 XA303	17 53			XA303	53			16B	9		MBY25DX MBY25DX	01 02	MBY25DX	00 1	DCF EXT	A3		07B		25 BIT PORT B I/O		
07477 07651		XA302 XA304	53 53			XA304	53			16B	9		MBY25DX MBY25DX	03 04				EXT						
19438 19663		XA331 XA220	05 15			XA220	15			16B	9		MBY250X MBY250X	01 02	MBP25D MBY250X	01 2 00 1	TLD DCF	A2 A4		03B 06B		25 BIT PORT B		
19665 07571		XA220 XA303	14 55			XA303	55			16B	9		MBY26DX MBY26DX	01 02	MBY26DX	00 1	DCF EXT	A5		08B		26 BIT PORT B I/O		
07480 07652		XA302 XA304	55 54			XA304	54			16B	9		MBY26DX MBY26DX	03 04				EXT						
19440 19254 19667		XA331 XA239 XA220	07 40 10			XA239 XA220	40 10			16B	9		MBY260X MBY260X MBY260X	01 02 03	MBP26D MBACTA MBY260X	01 2 01 3 00 1	TLD TD4 DCF	A3 C1 A6		03A 19A 07A		26 BIT PORT B		
19668 07573		XA220 XA303	01 57			XA303	57			16B	9		MBY27DX MBY27DX	01 02	MBY27DX	00 1	DCF EXT	A7		02A		27 BIT PORT B I/O		
07483 07653		XA302 XA304	57 55			XA304	55			16B	9		MBY27DX MBY27DX	03 04				EXT						
19443 19255 19670		XA331 XA239 XA220	13 42 03			XA239 XA220	42 03			16B	9		MBY270X MBY270X MBY270X	01 02 03	MBP27D MBACTA MBY270X	01 2 01 4 00 1	TLD TD4 DCF	A4 C1 A8		06B 20A 03A		27 BIT PORT B		
19672 07575		XA220 XA303	27 59			XA303	59			16B	9		MBY28DX MBY28DX	01 02	MBY28DX	00 1	DCF EXT	B1		10B		28 BIT PORT B I/O		
07486 07654		XA302 XA304	59 56			XA304	56			16B	9		MBY28DX MBY28DX	03 04				EXT						
19447 19674		XA331 XA220	26 29			XA220	29			16B	9		MBY280X MBY280X	01 02	MBP28D MBY280X	01 2 00 1	TLD DCF	B1 B2		14A 11B		28 BIT PORT B		
19677 07577		XA220 XA303	37 61			XA303	61			16B	9		MBY29DX MBY29DX	01 02	MBY29DX	00 1	DCF EXT	B3		15B		29 BIT PORT B I/O		
07489 07660		XA302 XA304	61 61			XA304	61			16B	9		MBY29DX MBY29DX	03 04				EXT						
19450 19679		XA331 XA220	20 35			XA220	35			16B	9		MBY290X MBY290X	01 02	MBP29D MBY290X	01 2 00 1	TLD DCF	B2 B4		11A 14B		29 BIT PORT B		
19681 07579		XA220 XA303	41 63			XA303	63			16B	9		MBY30DX MBY30DX	01 02	MBY30DX	00 1	DCF EXT	B5		16A		30 BIT PORT B I/O		
										****		SIGNAL (MBY30DX)			IS ON THE							NEXT PAGE	****	

DRAWING NUMBER 149304-800 STRING UNIT ASSEMBLY NO. 149304 REV G INDEX MBY30DX  
 UNIT ASSEMBLY NAME CARD CAGE WIRED, MCU FILE IDENT T39AMCMU DATE 09-02-82 PAGE 54

RECORD NUMBER	FROM				TO				WIRE				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											
07492		XA302	63		XA304	62				16B	9		MBY30DX	03				EXT					
07661		XA304	62										MBY30DX	04									
19452		XA331	19		XA220	40				16B	9		MBY300X	01	MBP30D	01 2	TLD	B3			09B		
19683		XA220	40										MBY300X	02	MBY300X	00 1	DCF	B6			15A	30 BIT PORT B	
19684		XA220	23		XA303	65				16B	9		MBY31DX	01	MBY31DX	00 1	DCF	B7			10A	31 BIT PORT B I/O	
07581		XA303	65		XA302	65				16B	9		MBY31DX	02			EXT						
07495		XA302	65		XA304	63				16B	9		MBY31DX	03			EXT						
07662		XA304	63										MBY31DX	04									
19455		XA331	25		XA220	30				16B	9		MBY310X	01	MBP31D	01 2	TLD	B4			12B		
19686		XA220	30										MBY310X	02	MBY310X	00 1	DCF	B8			11A	31 BIT PORT B	
19694		XA433	24		XA434	23				16B	9		MCACTA	01	MCACTO	01 1	TQ2	B1			13A		
19689		XA434	23										MCACTA	02	MCACTA	00 1	TD4	B1			11B	MBA ACT PRT C DEC*	
19696		XA432	03		XA433	22				16B	9		MCACTO	01	MCCTSA1	01 1	TQ2	A3			02A		
19693		XA433	22										MCACTO	02	MCACTO	00 1	TQ2	B1			12A	MBA ACT PORT C INV	
11526		XA421	37		XA432	09				16B	9		MCCTSA1	01			RR1	D2					
19698		XA432	09		XA241	36				16B	9		MCCTSA1	02	MCCTSA1	00 1	TQ2	A3			04B	MBA ACT PRT C ENA*	
21003		XA241	36										MCCTSA1	03	MPACTS	01 4	TS8	C1			17A		
19702		XA428	51		XA429	62				16B	9		MCENAA	005	MCENAA	00 1	TT3	D3			27B		
19726		XA429	62		XA432	54				16B	9		MCENAA	01	MCENE01	01 1	TQ2	E2			29A		
19723		XA432	54		XA432	48				16B	9		MCENAA	02	MCEN00	01 1	TQ2	D1			25A		
19712		XA432	48		XA432	47				16B	9		MCENAA	03	MCEN00	01 1	TQ2	D2			22A		
19719		XA432	47		XA432	41				16B	9		MCENAA	04	MCENCO	01 1	TQ2	D4			25B		
19716		XA432	41		XA433	34				16B	9		MCENAA	05	MCENB0	01 1	TQ2	D3			22B		
21091		XA433	34										MCENAA	06	MPCDE0	01 1	TQ2	C2			16A		
19704		XA432	46		XA432	45				16B	9	P	MCENAO	01	MCENAB	01 1	TQ2	D2			21A	PRIORITY PORT C *	
19703		XA432	45		XA329	76				16B	9		MCENB0	02	MCENAB	01 2	TQ2	D3			24B		
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	E1			38B		
19862		XA329	71		XA329	65				16B	9		MCENAB	05	MCP21D	01 1	TLD	F2			36A		
19865		XA329	65		XA329	68				16B	9		MCENAB	06	MCP22D	01 1	TLD	E3			34B		
19848		XA329	68		XA329	62				16B	9		MCENAB	07	MCPI6D	01 1	TLD	E1			32A		
19851		XA329	62		XA329	59				16B	9		MCENAB	08	MCPI7D	01 1	TLD	E2			29A		
19856		XA329	59		XA329	53				16B	9		MCENAB	09	MCPI9D	01 1	TLD	E4			31B		
19853		XA329	53		XA329	47				16B	9		MCENAB	10	MCPI8D	01 1	TLD	E3			28B		
19844		XA329	47		XA329	41				16B	9		MCENAB	11	MCPI5D	01 1	TLD	D4			25B		
19841		XA329	41		XA328	24				16B	9		MCENAB	12	MCPI4D	01 1	TLD	D3			22B		
19884		XA328	24		XA328	18				16B	9		MCENAB	13	MCP28D	01 1	TLD	B1			13A		
19887		XA328	18		XA328	17				16B	9		MCENAB	14	MCP29D	01 1	TLD	B2			10A		
19889		XA328	17		XA328	11				16B	9		MCENAB	15	MCP30D	01 1	TLD	B3			08B		
19880		XA328	11		XA328	03				16B	9		MCENAB	16	MCP27D	01 1	TLD	A4			05B		
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		
												****	SIGNAL	(MCENAB)	IS ON THE NEXT PAGE				****				

DRAWING NUMBER 149304-800 STRING UNIT ASSEMBLY NO. 149304 REV G INDEX MCENAB  
 UNIT ASSEMBLY NAME CARD CAGE WIRED, MCU FILE IDENT T39AMCMU DATE 09-02-82 PAGE 55

RECORD NUMBER	FROM				TO				WIRE			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	PREFIX	CONNECTOR	PIN	SH	MULTI GROUP	CODE	COLOR												IDENT
19872		XA328	08		XA329	08				16B	9		MCENAB	19	MCP24D	01	1	TLD	A1		06A		
19800		XA329	08		XA329	04				16B	9		MCENAB	20	MCPO0D	01	1	TLD	A1		06A		
19803		XA329	04	3	XA432	46	3			16B	9		MCENAB	21	MCPO1D	01	1	TLD	A2		04A		
11971		XA432	46										MCENAB	22				TQ2	D2		21A		
11509		XA421	20		XA326	11				16B	9		MCENAPI	01				RR1	B4				
19708		XA326	11		XA334	40				16B	9		MCENAPI	02	MCENAPI	00	1	TDD	AP		05B		
21384		XA334	40		XA434	62				16B	9		MCENAPI	03	MPRSTO	01	3	TD4	C1		19A		
20239		XA434	62										MCENAPI	04	MDENAA	01	3	TD4	E2		29A		
19709		XA326	13		XA428	49				16B	9		MCENAPI	04	MDENAA	01	3	TD4	E2		29A		
19701		XA428	49										MCENAPI	04	MDENAA	01	3	TD4	E2		29A		
19711		XA432	46									J	MCENAO	01	MCENAO	00	1	TQ2	D2		21A	MCENAB BUSS A	
19805		XA329	03		XA329	11				16B	9		MCENBB	01	MCPO2D	01	1	TLD	A3		02A		
19808		XA329	11		XA329	17				16B	9		MCENBB	02	MCPO3D	01	1	TLD	A4		05B		
19817		XA329	17		XA329	18				16B	9		MCENBB	03	MCPO6D	01	1	TLD	B3		08B		
19815		XA329	18		XA329	24				16B	9		MCENBB	04	MCPO5D	01	1	TLD	B2		10A		
19812		XA329	24		XA329	23				16B	9		MCENBB	05	MCPO4D	01	1	TLD	B1		13A		
19820		XA329	23		XA328	23				16B	9		MCENBB	06	MCPO7D	01	1	TLD	B4		11B		
19892		XA328	23		XA329	29				16B	9		MCENBB	07	MCP31D	01	1	TLD	B4		11B		
19829		XA329	29		XA329	35				16B	9		MCENBB	08	MCP10D	01	1	TLD	C3		14B		
19832		XA329	35		XA328	40				16B	9		MCENBB	09	MCP11D	01	1	TLD	C4		17B		
19797		XA328	40		XA329	40				16B	9		MCENBB	10	MCPOPD	01	1	TLD	C1		19A		
19824		XA329	40		XA329	34				16B	9		MCENBB	11	MCPO8D	01	1	TLD	C1		19A		
19827		XA329	34		XA329	48				16B	9		MCENBB	12	MCPO9D	01	1	TLD	C2		16A		
19839		XA329	48		XA329	54				16B	9		MCENBB	13	MCP13D	01	1	TLD	D2		22A		
19836		XA329	54		XA432	51				16B	9		MCENBB	14	MCP12D	01	1	TLD	D1		25A		
19714		XA432	51		XA432	52				16B	9		P	MCENCO	15	MCENBB	01	1	TQ2	D4		27B	PRIORITY PORT C
19715		XA432	52	3	XA329	03	3			16B	9		P	MCENCO	16	MCENBB	01	2	TQ2	D1		24A	
08791		XA329	03											MCENBB	17			TLD	A3		02A		
19718		XA432	45									J	MCENB0	01	MCENB0	00	1	TQ2	D3		24B	MCENAB BUSS A	
19721		XA432	51									J	MCENCO	01	MCENCO	00	1	TQ2	D4		27B	MCENBB BUSS B	
19722		XA432	52									J	MCENCO	01	MCENCO	00	1	TQ2	D1		24A	MCENBB BUSS B	
19725		XA429	60		XA433	47				16B	9		MCENE01	01	MCENE01	00	1	TQ2	E2		28A	PRI ENABLE PORT C	
19917		XA433	47		XA432	37				16B	9		MCENE01	02	MCRQRA	01	1	TQ2	D4		25B		
21102		XA432	37		XA434	30				16B	9		MCENE01	04	MPCMSA	01	2	TQ2	C4		18B		
19920		XA434	30		XA434	06				16B	9		MCENE01	05	MCSBRA1	01	1	TD4	C2		15A		
19895		XA434	06		XA431	06				16B	9		MCENE01	06	MCREDA	01	1	TD4	A1		05A		
19749		XA431	06		XA431	01				16B	9		MCENE01	07	MCHDSA	01	1	TT3	A1		05A		
19744		XA431	01		XA421	19				16B	9		MCENE01	08	MCHDRA	01	1	TT3	A2		02B		
11508		XA421	19		XA322	37				16B	9		MCENE01	10				RR1	B3				
19965		XA322	37										MCENE01	11	MCYS2HX	01	1	ACF	D2		18A		
19777		XA433	62		XA431	36				16B	9		MCHCOA	01	MCMCO0	01	1	TQ2	E2		29A		

\*\*\*\* SIGNAL (MCHCOA) IS ON THE NEXT PAGE \*\*\*\*

DRAWING NUMBER 149304-800 STRING UNIT ASSEMBLY NO. 149304 REV G INDEX MCHC0A  
 UNIT ASSEMBLY NAME CARD CAGE WIRED, MCU FILE IDENT T39AMCMU DATE 09-02-82 PAGE 56

RECORD NUMBER	FROM			TO			WIRE				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										
19728		XA431	36								MCHC0A	02	MCHC0A	00	1	TT3	C1	17A	MBA 10 COMP PRT C*	
19734		XA431	31		XA433	53		16B	9		MCHC1A	01	MCHC1A	00	1	TT3	C2	15B	MBA 11 COMP PRT C*	
19779		XA433	53								MCHC1A	02	MCMC10	01	1	TQ2	E3	28B		
19782		XA433	59		XA431	39		16B	9		MCHC2A	01	MCMC20	01	1	TQ2	E4	31B		
19739		XA431	39								MCHC2A	02	MCHC2A	00	1	TT3	C3	19B	MBA 12 COMP PRT C*	
19740		XA431	50		XA433	77		16B	9		MCHC3A	01	MCHC3A	00	1	TT3	D1	23A	MBA 13 COMP PRT C*	
19786		XA433	77								MCHC3A	02	MCMC30	01	1	TQ2	E1	38B		
19754		XA434	38		XA431	07		16B	9		MCHDRA	01	MCHLDR1	01	2	TD4	C1	18A		
19747		XA431	07								MCHDRA	02	MCHDRA	00	1	TT3	A2	03A	PORT C HOLD RESET*	
19758		XA432	24		XA431	04		16B	9		MCHDSA	01	MCHLDS	01	1	TQ2	B1	13A		
19748		XA431	04								MCHDSA	02	MCHDSA	00	1	TT3	A1	04A	PORT C HOLD SET *	
11525		XA421	36		XA430	19		16B	9		MCHLDR1	01				RR1	C6			
21227		XA430	19		XA428	35		16B	9		MCHLDR1	011	MPPDSA1	01	3	TS8	B1	09B		
21210		XA428	35		XA434	35		16B	9		MCHLDR1	02	MPPCMR	01	2	TT3	C3	17B		
19752		XA434	35		XA432	26		16B	9		MCHLDR1	03	MCHLDR1	00	1	TD4	C1	17B	PORT C HOLD LATCH*	
19759		XA432	26		XA337	50		16B	9		MCHLDR1	04	MCHLDS	01	2	TQ2	B1	14A		
21205		XA337	50		XA240	76		16B	9		MCHLDR1	05	MPPBSA	01	5	TS8	D1	23A		
21128		XA240	76								MCHLDR1	061	MPHLDO	01	2	TT3	E3	37A		
19757		XA432	22		XA434	37		16B	9		MCHLDS	01	MCHLDS	00	1	TQ2	B1	12A	PORT C HOLD LATCH	
19753		XA434	37								MCHLDS	02	MCHLDR1	01	1	TD4	C1	18B		
19778		XA433	64		XA431	43		16B	9		MCLCOA	01	MCMC00	01	2	TQ2	E2	30A		
19761		XA431	43								MCLCOA	02	MCLCOA	00	1	TT3	D2	23B	MBA 10 COMP PRT C*	
19767		XA431	51		XA433	55		16B	9		MCLC1A	01	MCLC1A	00	1	TT3	D3	27B	MBA 11 COMP PRT C*	
19780		XA433	55								MCLC1A	02	MCMC10	01	2	TQ2	E3	29B		
19783		XA433	61		XA431	64		16B	9		MCLC2A	01	MCMC20	01	2	TQ2	E4	32B		
19768		XA431	64								MCLC2A	02	MCLC2A	00	1	TT3	F1	30A	MBA 12 COMP PRT C*	
19773		XA431	55		XA433	79		16B	9		MCLC3A	01	MCLC3A	00	1	TT3	E2	29B	MBA 13 COMP PRT C*	
19787		XA433	79								MCLC3A	02	MCMC30	01	2	TQ2	F1	39B		
19776		XA433	60		XA430	43		16B	9		MCMC00	01	MCMC00	00	1	TQ2	E2	28A	MBA PORT C BIT 10	
19900		XA430	43								MCMC00	02	MCREQA	01	1	TS8	D1	23B		
19901		XA430	46		XA433	57		16B	9		MCMC10	01	MCREQA	01	2	TS8	D1	21A		
19781		XA433	57								MCMC10	02	MCMC10	00	1	TQ2	E3	30B	MBA PORT C BIT 11	
19784		XA433	63		XA430	48		16B	9		MCMC20	01	MCMC20	00	1	TQ2	E4	33B	MBA PORT C BIT 12	
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		
								****	SIGNAL		MCMC30								IS ON THE NEXT PAGE	****

DRAWING NUMBER 149304-800 STRING UNIT ASSEMBLY NO. 149304 REV G INDEX MCMC30  
 UNIT ASSEMBLY NAME CARD CAGE WIRED, MCU FILE IDENT T39AMCMU DATE 09-02-82 PAGE 57

RECORD NUMBER	FROM				TO				WIRE				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	DR	PREFIX	CONNECTOR	PIN	DR	MULTI GROUP	CODE	COLOR	IDENT												
19785		XA433	75										MCMC30	02	MCMC30	00	1	TQ2	F1		37B	MBA PORT C BIT 13		
19789		XA334	76		XA433	65			16B	9			MCMCA	01	MCMCA	00	1	TD4	F1		37A	MBA COMP PT C 6-9*		
19793		XA433	65										MCMCA	02	MCMCA	01	1	TQ2	F3		34B			
19906		XA430	52		XA433	69			16B	9			MCMCA	01	MCMCA	01	6	TS8	D1		24A			
19794		XA433	69										MCMCA	02	MCMCA	00	1	TQ2	F3		35A	MBA COMP PT C 6-9		
19796		XA328	38									J	MCP0PD	01	MCP0PD	00	1	TLD	C1		18A	MPP0PB4 BUSS		
19799		XA329	06									J	MCP00D	01	MCP00D	00	1	TLD	A1		05A	MPP00B4 BUSS		
19802		XA329	01									J	MCP01D	01	MCP01D	00	1	TLD	A2		02B	MPP01B4 BUSS		
19807		XA329	09									J	MCP02D	01	MCP02D	00	1	TLD	A3		04B	MPP02B4 BUSS		
19810		XA329	15									J	MCP03D	01	MCP03D	00	1	TLD	A4		07B	MPP03B4 BUSS		
19811		XA329	22									J	MCP04D	01	MCP04D	00	1	TLD	B1		12A	MPP04B4 BUSS		
19814		XA329	14									J	MCP05D	01	MCP05D	00	1	TLD	B2		09A	MPP05B4 BUSS		
19819		XA329	21									J	MCP06D	01	MCP06D	00	1	TLD	B3		10B	MPP06B4 BUSS		
19822		XA329	27									J	MCP07D	01	MCP07D	00	1	TLD	B4		13B	MPP07B4 BUSS		
19823		XA329	38									J	MCP08D	01	MCP08D	00	1	TLD	C1		18A	MPP08B4 BUSS		
19826		XA329	30									J	MCP09D	01	MCP09D	00	1	TLD	C2		15A	MPP09B4 BUSS		
19831		XA329	33									J	MCP10D	01	MCP10D	00	1	TLD	C3		16B	MPP10B4 BUSS		
19834		XA329	39									J	MCP11D	01	MCP11D	00	1	TLD	C4		19B	MPP11B4 BUSS		
19835		XA329	52									J	MCP12D	01	MCP12D	00	1	TLD	D1		24A	MPP12B4 BUSS		
19838		XA329	46									J	MCP13D	01	MCP13D	00	1	TLD	D2		21A	MPP13B4 BUSS		
19843		XA329	45									J	MCP14D	01	MCP14D	00	1	TLD	D3		24B	MPP14B4 BUSS		
19846		XA329	51									J	MCP15D	01	MCP15D	00	1	TLD	D4		27B	MPP15B4 BUSS		
19847		XA329	66									J	MCP16D	01	MCP16D	00	1	TLD	E1		31A	MPP16B4 BUSS		
19850		XA329	60									J	MCP17D	01	MCP17D	00	1	TLD	E2		28A	MPP17B4 BUSS		
19855		XA329	57									J	MCP18D	01	MCP18D	00	1	TLD	E3		30B	MPP18B4 BUSS		
19858		XA329	63									J	MCP19D	01	MCP19D	00	1	TLD	E4		33B	MPP19B4 BUSS		
													****	SIGNAL	{MCP20D }	IS ON THE	NEXT PAGE	****						

DRAWING NUMBER 149304-800 STRING UNIT ASSEMBLY NO. 149304 REV G INDEX MMCP20D  
 UNIT ASSEMBLY NAME CARD CAGE WIRED, MCU FILE IDENT T39AMCMU DATE 09-02-82 PAGE 58

RECORD NUMBER	FROM			TO			WIRE			SFC INST MISC	SIGNAL	SER NO	EQUATION	TERM	FACTOR	CKT OR CHIP TYPE	GROUP	LOAD OR POWER PLANE	TEST POINTS AND/OR	SIGNAL DESCRIPTION	ECO NO	
	PREFIX	CONNECTOR	PIN	SFC	PREFIX	CONNECTOR	PIN	SFC	MULTI GROUP													CODE
19859		XA329	75								J	MCP20D	01	MCP20D	00	1	TLD	F1	37B	MPP20B4 BUSS		
19863		XA329	72								J	MCP21D	01	MCP21D	00	1	TLD	F2	34A	MPP21B4 BUSS		
19866		XA329	69								J	MCP22D	01	MCP22D	00	1	TLD	F3	35A	MPP22B4 BUSS		
19870		XA329	80								J	MCP23D	01	MCP23D	00	1	TLD	F4	39A	MPP23B4 BUSS		
19871		XA328	06								J	MCP24D	01	MCP24D	00	1	TLD	A1	05A	MPP24B4 BUSS		
19874		XA328	01								J	MCP25D	01	MCP25D	00	1	TLD	A2	02B	MPP25B4 BUSS		
19879		XA328	09								J	MCP26D	01	MCP26D	00	1	TLD	A3	04B	MPP26B4 BUSS		
19882		XA328	15								J	MCP27D	01	MCP27D	00	1	TLD	A4	07B	MPP27B4 BUSS		
19883		XA328	22								J	MCP28D	01	MCP28D	00	1	TLD	B1	12A	MPP28B4 BUSS		
19886		XA328	14								J	MCP29D	01	MCP29D	00	1	TLD	B2	09A	MPP29B4 BUSS		
19891		XA328	21								J	MCP30D	01	MCP30D	00	1	TLD	B3	10B	MPP30B4 BUSS		
19894		XA328	27								J	MCP31D	01	MCP31D	00	1	TLD	B4	13B	MPP31B4 BUSS		
20044		XA426	72		XA425	72			168	9		MCREDA	01	MCY12DX	01	1	DCF	D1	36A			
20111		XA425	72		XA425	52			168	9		MCREDA	02	MCY28DX	01	1	DCF	D1	36A			
20095		XA425	52		XA426	52			168	9		MCREDA	03	MCY24DX	01	1	DCF	C1	29A			
20016		XA426	52		XA426	36			168	9		MCREDA	04	MCY08DX	01	1	DCF	C1	29A			
19991		XA426	36		XA425	36			168	9		MCREDA	05	MCY04DX	01	1	DCF	B1	13A			
20079		XA425	36		XA424	06			168	9		MCREDA	06	MCY20DX	01	1	DCF	B1	13A			
19967		XA424	06		XA425	06			168	9		MCREDA	07	MCY0PDX	01	1	DCF	A1	05A			
20062		XA425	06		XA426	06			168	9		MCREDA	08	MCY16DX	01	1	DCF	A1	05A			
19971		XA426	06		XA434	11			168	9		MCREDA	09	MCY00DX	01	1	DCF	A1	05A			
19898		XA434	11									MCREDA	10	MCREDA	00	1	TD4	A1	05B	PRT C I/O OUT ENA*		
19902		XA430	47		XA433	48			168	9		MCREQA	01	MCREQA	00	1	TS8	D1	25B	PRT C REQUEST SET*		
19915		XA433	48									MCREQA	02	MCREQA	01	1	TQ2	D2	22A			
21010		XA228	60		XA434	76			168	9		MCREQR1	00	MPAMRA	01	2	TD4	E2	28A			
19910		XA434	76		XA433	50			168	9		MCREQR1	01	MCREQR1	00	1	TD4	F1	37A	PRT C REQUEST *		
19916		XA433	50		XA431	14			168	9		MCREQR1	02	MCREQS	01	2	TQ2	D2	23A			
21071		XA431	14		XA421	66			168	9		MCREQR1	03	MPBMRA	01	1	TT3	B2	09A			
11555		XA421	66									MCREQR1	04				RR1	G4				
19909		XA434	75		XA433	46			168	9		MCREQS	01	MCREQR1	01	1	TD4	F1	37B			
19914		XA433	46		XA432	07			168	9		MCREQS	02	MCREQS	00	1	TQ2	D2	21A	PORT C REQUEST		
19697		XA432	07		XA430	04			168	9		MCREQS	03	MCCTSA1	01	2	TQ2	A3	03A			
21217		XA430	04									MCREQS	04	MPPCSA1	01	2	TS8	A1	04A			
19919		XA433	51		XA434	77			168	9		MCRQRA	01	MCRQRA	00	1	TQ2	D4	27B	PRT C REQ RST *		
									****	SIGNAL	(MCRQRA	)	TS ON THE	NEXT PAGE	****							

DRAWING NUMBER 149304-800 STRING UNIT ASSEMBLY NO. 149304 REV G INDEX MCRQRA  
 UNIT ASSEMBLY NAME CARD CAGE WIRED, MCU 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 AND/OR	SIGNAL DESCRIPTION	ECO NO
	PREFIX	CONNECTOR	PIN		PREFIX	CONNECTOR	PIN	SH TO											
19911		XA434	77								MCRQRA	02	MCREQR1	01 2	TD4	F1	38B		
11519		XA421	30		XA434	33			16B	9									
19922		XA434	33		XA432	18			16B	9							16B	S1B RCVD PORT A*	
19926		XA432	18		XA 241	61			16B	9							10A		
21399		XA241	61														32B		
13540		XA503	01		XA504	01			16B	9									
13624		XA504	01		XA504	17			16B	9									
13643		XA504	17		XA503	17			16B	9									
13558		XA503	17		XA501	17			16B	9									
13390		XA501	17		XA503	33			16B	9									
13575		XA503	33		XA504	33			16B	9									
13661		XA504	33		XA503	50			16B	9									
13593		XA503	50		XA504	50			16B	9									
13679		XA504	50																
13394		XA501	21		XA505	01			16B	9									
13712		XA505	01		XA506	01			16B	9									
13792		XA506	01		XA506	17			16B	9									
13808		XA506	17		XA505	17			16B	9									
13728		XA505	17		XA505	33			16B	9									
13744		XA505	33		XA506	33			16B	9									
13824		XA506	33		XA505	50			16B	9									
13761		XA505	50		XA506	50			16B	9									
13841		XA506	50																
10645		XA409	50		XA408	50			16B	9									
10565		XA408	50		XA409	33			16B	9									
10628		XA409	33		XA408	33			16B	9									
10547		XA408	33		XA406	17			16B	9									
10370		XA406	17		XA408	17			16B	9									
10531		XA408	17		XA409	17			16B	9									
10612		XA409	17		XA409	01			16B	9									
10596		XA409	01		XA408	01			16B	9									
10514		XA408	01																
10374		XA406	21		XA410	01			16B	9									
10676		XA410	01		XA411	01			16B	9									
10756		XA411	01		XA411	17			16B	9									
10772		XA411	17		XA410	17			16B	9									
10692		XA410	17		XA410	33			16B	9									
10708		XA410	33		XA411	33			16B	9									
10788		XA411	33		XA410	50			16B	9									
10725		XA410	50		XA411	50			16B	9									
10805		XA411	50																
07972		XA308	50		XA307	50			16B	9									
07892		XA307	50		XA308	33			16B	9									
07955		XA308	33		XA307	33			16B	9									

\*\*\* SIGNAL (MCS04) IS ON THE NEXT PAGE \*\*\*





DRAWING NUMBER 149304-800 STRING  
 UNIT ASSEMBLY NAME CARD CAGE WIRED, MCU

UNIT ASSEMBLY NO. 149304  
 FILE IDENT T39AMCMU

REV G INDEX MCSD09  
 DATE 09-02-82 PAGE 61

RECORD NUMBER	FROM				TO				WIRE				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 PC	PREFIX	CONNECTOR	PIN	SH PC	MULTI GROUP	CODE	COLOR	IDENT														
02055		XA116	17			XA116	33				16B	9		MCSD09	04			SWT	Z3							
02071		XA116	33			XA117	33				16B	9		MCSD09	05			SWT	Z3							
02152		XA117	33			XA116	50				16B	9		MCSD09	06			SWT	Z3							
02088		XA116	50			XA117	50				16B	9		MCSD09	07			SWT	Z4							
02170		XA117	50			XA108	39				16B	9		MCSD09	08			SWT	Z4							
01432		XA108	39											MCSD09	09			VSE	N4							
05579		XA209	50			XA208	50				16B	9		MCSD10	01			SWT	Z4					BIT 10 VOLT SOURCE		
05499		XA208	50			XA209	33				16B	9		MCSD10	02			SWT	Z4							
05562		XA209	33			XA208	33				16B	9		MCSD10	03			SWT	Z3							
05482		XA208	33			XA208	17				16B	9		MCSD10	04			SWT	Z3							
05466		XA208	17			XA209	17				16B	9		MCSD10	05			SWT	Z2							
05546		XA209	17			XA209	01				16B	9		MCSD10	06			SWT	Z2							
05530		XA209	01			XA208	01				16B	9		MCSD10	07			SWT	Z1							
05449		XA208	01			XA204	29				16B	9		MCSD10	08			SWT	Z1							
05153		XA204	29											MCSD10	09			VSE	N3							
07701		XA305	21			XA309	01				16B	9		MCSD11	01			VSE	N2					BIT 11 VOLT SOURCE		
08003		XA309	01			XA310	01				16B	9		MCSD11	02			SWT	Z1							
08083		XA310	01			XA310	17				16B	9		MCSD11	03			SWT	Z1							
08100		XA310	17			XA309	17				16B	9		MCSD11	04			SWT	Z2							
08019		XA309	17			XA309	33				16B	9		MCSD11	05			SWT	Z2							
08035		XA309	33			XA310	33				16B	9		MCSD11	06			SWT	Z3							
08116		XA310	33			XA309	50				16B	9		MCSD11	07			SWT	Z3							
08052		XA309	50			XA310	50				16B	9		MCSD11	08			SWT	Z4							
08134		XA310	50											MCSD11	09			SWT	Z4							
10967		XA413	50			XA412	50				16B	9		MCSD12	01			SWT	Z4					BIT 12 VOLT SOURCE		
10885		XA412	50			XA413	33				16B	9		MCSD12	02			SWT	Z4							
10949		XA413	33			XA412	33				16B	9		MCSD12	03			SWT	Z3							
10868		XA412	33			XA412	17				16B	9		MCSD12	04			SWT	Z3							
10852		XA412	17			XA413	17				16B	9		MCSD12	05			SWT	Z2							
10933		XA413	17			XA413	01				16B	9		MCSD12	06			SWT	Z2							
10916		XA413	01			XA412	01				16B	9		MCSD12	07			SWT	Z1							
10836		XA412	01			XA406	29				16B	9		MCSD12	08			SWT	Z1							
10382		XA406	29											MCSD12	09			VSE	N3							
10392		XA406	39			XA415	50				16B	9		MCSD13	01			VSE	N4					BIT 13 VOLT SOURCE		
11130		XA415	50			XA414	50				16B	9		MCSD13	02			SWT	Z4							
11049		XA414	50			XA415	33				16B	9		MCSD13	03			SWT	Z4							
11112		XA415	33			XA414	33				16B	9		MCSD13	04			SWT	Z3							
11031		XA414	33			XA414	17				16B	9		MCSD13	05			SWT	Z3							
11015		XA414	17			XA415	17				16B	9		MCSD13	06			SWT	Z2							
11096		XA415	17			XA415	01				16B	9		MCSD13	07			SWT	Z2							
11080		XA415	01			XA414	01				16B	9		MCSD13	08			SWT	Z1							
10998		XA414	01											MCSD13	09			SWT	Z1							
14001		XA508	50			XA507	50				16B	9		MCSD14	01			SWT	Z4					BIT 14 VOLT SOURCE		
13921		XA507	50			XA508	33				16B	9		MCSD14	02			SWT	Z4							
13984		XA508	33			XA507	33				16B	9		MCSD14	03			SWT	Z3							
											****		SIGNAL	MCSD14											IS ON THE NEXT PAGE	****

DRAWING NUMBER 149304-800 STRING UNIT ASSEMBLY NO. 149304 REV G INDEX MCSD14  
 UNIT ASSEMBLY NAME CARD CAGE WIRED, MCU FILE IDENT T39AMCMU DATE 09-02-82 PAGE 62

RECORD NUMBER	FROM			TO			WIRE				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											
13904		XA507	33		XA507	17		16B	9		MCSD14	04			SWT	Z3					
13888		XA507	17		XA508	17		16B	9		MCSD14	05			SWT	Z2					
13968		XA508	17		XA508	01		16B	9		MCSD14	06			SWT	Z2					
13952		XA508	01		XA507	01		16B	9		MCSD14	07			SWT	Z1					
13872		XA507	01		XA501	29		16B	9		MCSD14	08			SWT	Z1					
13402		XA501	29								MCSD14	09			VSE	N3					
13413		XA501	39		XA510	50		16B	9		MCSD15	01			VSE	N4				BIT 15 VOLT SOURCE	
14164		XA510	50		XA509	50		16B	9		MCSD15	02			SWT	Z4					
14083		XA509	50		XA510	33		16B	9		MCSD15	03			SWT	Z4					
14147		XA510	33		XA509	33		16B	9		MCSD15	04			SWT	Z3					
14065		XA509	33		XA509	17		16B	9		MCSD15	05			SWT	Z3					
14049		XA509	17		XA510	17		16B	9		MCSD15	06			SWT	Z2					
14131		XA510	17		XA510	01		16B	9		MCSD15	07			SWT	Z2					
14114		XA510	01		XA509	01		16B	9		MCSD15	08			SWT	Z1					
14032		XA509	01								MCSD15	09			SWT	Z1					
13440		XA501	63		XA503	63		16B	9		MCSD16	01			VSE	N7				BIT 16 VOLT SOURCE	
13606		XA503	63		XA504	63		16B	9		MCSD16	02			SWT	Z5					
13693		XA504	63		XA505	63		16B	9		MCSD16	03			SWT	Z5					
13774		XA505	63		XA506	63		16B	9		MCSD16	04			SWT	Z5					
13854		XA506	63		XA507	63		16B	9		MCSD16	05			SWT	Z5					
13934		XA507	63		XA508	63		16B	9		MCSD16	06			SWT	Z5					
14014		XA508	63		XA509	63		16B	9		MCSD16	07			SWT	Z5					
14096		XA509	63		XA510	63		16B	9		MCSD16	08			SWT	Z5					
14177		XA510	63								MCSD16	09			SWT	Z5					
11464		XA419	63		XA418	63		16B	9		MCSD17	02			SWT	Z5				BIT 17 VOLT SOURCE	
11383		XA418	63		XA417	63		16B	9		MCSD17	03			SWT	Z5					
11303		XA417	63		XA416	63		16B	9		MCSD17	04			SWT	Z5					
11223		XA416	63		XA406	55		16B	9		MCSD17	05			SWT	Z5					
10408		XA406	55		XA511	63		16B	9		MCSD17	06			VSE	N6					
14257		XA511	63		XA512	63		16B	9		MCSD17	07			SWT	Z5					
14337		XA512	63		XA513	63		16B	9		MCSD17	08			SWT	Z5					
14418		XA513	63		XA514	63		16B	9		MCSD17	09			SWT	Z5					
14500		XA514	63								MCSD17	10			SWT	Z5					
07735		XA305	55		XA416	01		16B	9		MCSD18	01			VSE	N6				BIT 18 VOLT SOURCE	
11161		XA416	01		XA416	17		16B	9		MCSD18	02			SWT	Z1					
11177		XA416	17		XA417	17		16B	9		MCSD18	03			SWT	Z2					
11257		XA417	17		XA417	33		16B	9		MCSD18	04			SWT	Z2					
11273		XA417	33		XA416	33		16B	9		MCSD18	05			SWT	Z3					
11193		XA416	33		XA416	50		16B	9		MCSD18	06			SWT	Z3					
11210		XA416	50		XA417	50		16B	9		MCSD18	07			SWT	Z4					
11290		XA417	50		XA417	01		16B	9		MCSD18	08			SWT	Z4					
11241		XA417	01								MCSD18	09			SWT	Z1					
10400		XA406	47		XA408	63		16B	9		MCSD19	01			VSE	N5				BIT 19 VOLT SOURCE	
10578		XA408	63		XA409	63		16B	9		MCSD19	02			SWT	Z5					
10658		XA409	63		XA410	63		16B	9		MCSD19	03			SWT	Z5					
								***		SIGNAL	MCSD19									IS ON THE NEXT PAGE	****

DRAWING NUMBER 149304-800 STRING UNIT ASSEMBLY NO. 149304 REV G INDEX MCSD19  
 UNIT ASSEMBLY NAME CARD CAGE WIRED, MCU FILE IDENT T39AMCMU DATE 09-02-82 PAGE 63

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 TO	PREFIX	CONNECTOR	PIN	SH TO	MULTI GROUP	CODE	COLOR									IDENT	AND		
10738		XA410	63		XA411	63				16B	9		MCSD19	04			SWT	Z5					
10818		XA411	63		XA412	63				16B	9		MCSD19	05			SWT	Z5					
10898		XA412	63		XA413	63				16B	9		MCSD19	06			SWT	Z5					
10980		XA413	63		XA414	63				16B	9		MCSD19	07			SWT	Z5					
11062		XA414	63		XA415	63				16B	9		MCSD19	08			SWT	Z5					
11143		XA415	63										MCSD19	09			SWT	Z5					
07709		XA305	29		XA311	01				16B	9		MCSD20	01			VSE	N3				BIT 20 VOLT SOURCE	
08165		XA311	01		XA312	01				16B	9		MCSD20	02			SWT	Z1					
08247		XA312	01		XA312	17				16B	9		MCSD20	03			SWT	Z1					
08263		XA312	17		XA311	17				16B	9		MCSD20	04			SWT	Z2					
08182		XA311	17		XA311	33				16B	9		MCSD20	05			SWT	Z2					
08198		XA311	33		XA312	33				16B	9		MCSD20	06			SWT	Z3					
08279		XA312	33		XA311	50				16B	9		MCSD20	07			SWT	Z3					
08216		XA311	50		XA312	50				16B	9		MCSD20	08			SWT	Z4					
08296		XA312	50										MCSD20	09			SWT	Z4					
05692		XA211	01		XA212	01				16B	9		MCSD21	01			SWT	Z1				BIT 21 VOLT SOURCE	
05773		XA212	01		XA212	17				16B	9		MCSD21	02			SWT	Z1					
05790		XA212	17		XA211	17				16B	9		MCSD21	03			SWT	Z2					
05708		XA211	17		XA211	33				16B	9		MCSD21	04			SWT	Z2					
05724		XA211	33		XA212	33				16B	9		MCSD21	05			SWT	Z3					
05806		XA212	33		XA212	50				16B	9		MCSD21	06			SWT	Z3					
05823		XA212	50		XA211	50				16B	9		MCSD21	07			SWT	Z4					
05742		XA211	50		XA204	47				16B	9		MCSD21	08			SWT	Z4					
05171		XA204	47										MCSD21	09			VSE	N5					
02201		XA118	01		XA119	01				16B	9		MCSD22	01			SWT	Z1				BIT 22 VOLT SOURCE	
02282		XA119	01		XA119	17				16B	9		MCSD22	02			SWT	Z1					
02298		XA119	17		XA118	17				16B	9		MCSD22	03			SWT	Z2					
02217		XA118	17		XA118	33				16B	9		MCSD22	04			SWT	Z2					
02233		XA118	33		XA119	33				16B	9		MCSD22	05			SWT	Z3					
02314		XA119	33		XA119	50				16B	9		MCSD22	06			SWT	Z3					
02331		XA119	50		XA118	50				16B	9		MCSD22	07			SWT	Z4					
02251		XA118	50		XA108	47				16B	9		MCSD22	08			SWT	Z4					
01440		XA108	47										MCSD22	09			VSE	N5					
02183		XA117	63		XA116	63				16B	9		MCSD23	01			SWT	Z5				BIT 23 VOLT SOURCE	
02101		XA116	63		XA115	63				16B	9		MCSD23	02			SWT	Z5					
02021		XA115	63		XA114	63				16B	9		MCSD23	03			SWT	Z5					
01939		XA114	63		XA113	63				16B	9		MCSD23	04			SWT	Z5					
01858		XA113	63		XA112	63				16B	9		MCSD23	05			SWT	Z5					
01778		XA112	63		XA111	63				16B	9		MCSD23	06			SWT	Z5					
01698		XA111	63		XA110	63				16B	9		MCSD23	07			SWT	Z5					
01618		XA110	63		XA108	63				16B	9		MCSD23	08			SWT	Z5					
01456		XA108	63										MCSD23	09			VSE	N7					
02362		XA120	01		XA121	01				16B	9		MCSD24	01			SWT	Z1				BIT 24 VOLT SOURCE	
02442		XA121	01		XA121	17				16B	9		MCSD24	02			SWT	Z1					
02458		XA121	17		XA120	17				16B	9		MCSD24	03			SWT	Z2					

\*\*\*\* SIGNAL (MCSD24) IS ON THE NEXT PAGE \*\*\*\*

DRAWING NUMBER 149304-800 STRING UNIT ASSEMBLY NO. 149304 REV G INDEX MCSD24  
 UNIT ASSEMBLY NAME CARD CAGE WIRED, MCU FILE IDENT T39AMCMU DATE 09-02-82 PAGE 64

RECORD NUMBER	FROM				TO				WIRE				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 FT	PREFIX	CONNECTOR	PIN	SH FT	MULTI GROUP	CODE	COLOR	IDENT												SPEC INST MISC
02378		XA120	17			XA120	33							MCSD24	04			SWT	Z2					
02394		XA120	33			XA121	33							MCSD24	05			SWT	Z3					
02474		XA121	33			XA121	50							MCSD24	06			SWT	Z3					
02491		XA121	50			XA120	50							MCSD24	07			SWT	Z4					
02411		XA120	50			XA108	55							MCSD24	08			SWT	Z4					
01448		XA108	55											MCSD24	09			VSE	N6					
05141		XA204	17			XA211	63							MCSD25	01			VSE	N1					BIT 25 VOLT SOURCE
05755		XA211	63			XA212	63							MCSD25	02			SWT	Z5					
05836		XA212	63			XA213	63							MCSD25	03			SWT	Z5					
05916		XA213	63			XA214	63							MCSD25	04			SWT	Z5					
05998		XA214	63			XA118	63							MCSD25	05			SWT	Z5					
02264		XA118	63			XA119	63							MCSD25	06			SWT	Z5					
02344		XA119	63			XA120	63							MCSD25	07			SWT	Z5					
02424		XA120	63			XA121	63							MCSD25	08			SWT	Z5					
02504		XA121	63											MCSD25	09			SWT	Z5					
05854		XA213	01			XA214	01							MCSD26	01			SWT	Z1					BIT 26 VOLT SOURCE
05934		XA214	01			XA214	17							MCSD26	02			SWT	Z1					
05951		XA214	17			XA213	17							MCSD26	03			SWT	Z2					
05870		XA213	17			XA213	33							MCSD26	04			SWT	Z2					
05886		XA213	33			XA214	33							MCSD26	05			SWT	Z3					
05967		XA214	33			XA214	50							MCSD26	06			SWT	Z3					
05985		XA214	50			XA213	50							MCSD26	07			SWT	Z4					
05903		XA213	50			XA204	55							MCSD26	08			SWT	Z4					
05179		XA204	55											MCSD26	09			VSE	N6					
05163		XA204	39			XA207	63							MCSD27	01			VSE	N4					BIT 27 VOLT SOURCE
05431		XA207	63			XA208	63							MCSD27	02			SWT	Z5					
05512		XA208	63			XA209	63							MCSD27	03			SWT	Z5					
05592		XA209	63			XA210	63							MCSD27	04			SWT	Z5					
05674		XA210	63			XA210	50							MCSD27	05			SWT	Z5					
05661		XA210	50			XA210	33							MCSD27	06			SWT	Z4					
05643		XA210	33			XA210	17							MCSD27	07			SWT	Z3					
05627		XA210	17			XA210	01							MCSD27	08			SWT	Z2					
05610		XA210	01											MCSD27	09			SWT	Z1					
07719		XA305	39			XA314	50							MCSD28	01			VSE	N4					BIT 28 VOLT SOURCE
08458		XA314	50			XA313	50							MCSD28	02			SWT	Z4					
08376		XA313	50			XA314	33							MCSD28	03			SWT	Z4					
08440		XA314	33			XA313	33							MCSD28	04			SWT	Z3					
08359		XA313	33			XA313	17							MCSD28	05			SWT	Z3					
08343		XA313	17			XA314	17							MCSD28	06			SWT	Z2					
08424		XA314	17			XA314	01							MCSD28	07			SWT	Z2					
08407		XA314	01			XA313	01							MCSD28	08			SWT	Z1					
08327		XA313	01											MCSD28	09			SWT	Z1					
08471		XA314	63			XA313	63							MCSD29	01			SWT	Z5					BIT 29 VOLT SOURCE
08389		XA313	63			XA312	63							MCSD29	02			SWT	Z5					
08309		XA312	63			XA311	63							MCSD29	03			SWT	Z5					
										***	SIGNAL		MCSD29											IS ON THE NEXT PAGE ***

DRAWING NUMBER 149304-800 STRING UNIT ASSEMBLY NO. 149304 REV G INDEX MCSD29  
 UNIT ASSEMBLY NAME CARD CAGE WIRED, MCU FILE IDENT T39AMCMU DATE 09-02-82 PAGE 65

RECORD NUMBER	FROM				TO				WIRE				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										
08229		XA311	63		XA310	63				168	9		MCSD29	04			SWT	Z5				
08147		XA310	63		XA309	63				168	9		MCSD29	05			SWT	Z5				
08065		XA309	63		XA308	63				168	9		MCSD29	06			SWT	Z5				
07985		XA308	63		XA307	63				168	9		MCSD29	07			SWT	Z5				
07905		XA307	63		XA305	47				168	9		MCSD29	08			SWT	Z5				
07727		XA305	47										MCSD29	09			VSE	N5				
11451		XA419	50		XA418	50				168	9		MCSD30	01			SWT	Z4			BIT 30 VOLT SOURCE	
11370		XA418	50		XA419	33				168	9		MCSD30	02			SWT	Z4				
11433		XA419	33		XA418	33				168	9		MCSD30	03			SWT	Z3				
11353		XA418	33		XA418	17				168	9		MCSD30	04			SWT	Z3				
11337		XA418	17		XA419	17				168	9		MCSD30	05			SWT	Z2				
11417		XA419	17		XA419	01				168	9		MCSD30	06			SWT	Z2				
11401		XA419	01		XA418	01				168	9		MCSD30	07			SWT	Z1				
11321		XA418	01		XA305	63				168	9		MCSD30	08			SWT	Z1				
07743		XA305	63										MCSD30	09			VSE	N7				
14195		XA511	01		XA512	01				168	9		MCSD31	01			SWT	Z1			BIT 31 VOLT SOURCE	
14275		XA512	01		XA512	17				168	9		MCSD31	02			SWT	Z1				
14291		XA512	17		XA511	17				168	9		MCSD31	03			SWT	Z2				
14211		XA511	17		XA511	33				168	9		MCSD31	04			SWT	Z2				
14227		XA511	33		XA512	33				168	9		MCSD31	05			SWT	Z3				
14307		XA512	33		XA512	50				168	9		MCSD31	06			SWT	Z3				
14324		XA512	50		XA511	50				168	9		MCSD31	07			SWT	Z4				
14244		XA511	50		XA501	47				168	9		MCSD31	08			SWT	Z4				
13422		XA501	47										MCSD31	09			VSE	N5				
14355		XA513	01		XA514	01				168	9		MCSD32	01			SWT	Z1			BIT 32 VOLT SOURCE	
14436		XA514	01		XA514	17				168	9		MCSD32	02			SWT	Z1				
14453		XA514	17		XA513	17				168	9		MCSD32	03			SWT	Z2				
14371		XA513	17		XA513	33				168	9		MCSD32	04			SWT	Z2				
14387		XA513	33		XA514	33				168	9		MCSD32	05			SWT	Z3				
14469		XA514	33		XA514	50				168	9		MCSD32	06			SWT	Z3				
14487		XA514	50		XA513	50				168	9		MCSD32	07			SWT	Z4				
14405		XA513	50		XA501	55				168	9		MCSD32	08			SWT	Z4				
13430		XA501	55										MCSD32	09			VSE	N6				
19745		XA431	03		XA431	08				168	9		MCSHDO	01	MCHDRA	01 2	TT3	A2			02A	
19750		XA431	08		XA432	14				168	9		MCSHDO	02	MCHDSA	01 2	TT3	A1			06A	
19925		XA432	14										MCSHDO	03	MCSHDO	00 1	TQ2	B2			09A	PORT C HOLD SAMPLE
19930		XA429	57		XA434	34				168	9		MCYACA	01	MCYACA	00 1	TQ2	E3			30B	ADR CONTROL PRT C*
19923		XA434	34										MCYACA	02	MCSBRA1	01 3	TD4	C2			16A	
13524		XA502	65		XA403	69				168	9		MCYACDX	00C								
10174		XA403	69		XA402	69				168	9		MCYACDX	005			EXT					
10061		XA402	69		XA424	27				168	9		MCYACDX	01			EXT					
19931		XA424	27										MCYACDX	02	MCYACDX	00 1	DCE	B1			10B	ADR CONT PRT C I/O
19929		XA429	55		XA430	50				168	9		MCYACOX	01	MCYACA	01 2	TQ2	E3			29B	
										****	SIGNAL	(MCYACOX)	IS ON THE	NEXT PAGE	****							



DRAWING NUMBER 149304-800 STRING UNIT ASSEMBLY NO. 149304 REV G INDEX MCYS1TX  
 UNIT ASSEMBLY NAME CARD CAGE WIRED, MCU FILE IDENT T39AMCMU DATE 09-02-82 PAGE 67

RECORD NUMBER	FROM			TO			WIRE				SPL INST	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												
19766		XA431	49		XA431	48		16B	9			MCYS1TX	04	MCLC1A	01	3	TT3	D3		26B		
19763		XA431	48		XA431	42		16B	9			MCYS1TX	05	MCLC0A	01	3	TT3	D2		22A		
19731		XA431	42		XA431	37		16B	9			MCYS1TX	06	MCHCOA	01	3	TT3	C1		20A		
19738		XA431	37		XA431	34		16B	9			MCYS1TX	07	MCHC2A	01	3	TT3	C3		18B		
19735		XA431	34		XA434	31		16B	9			MCYS1TX	08	MCHC1A	01	3	TT3	C2		16A		
19921		XA434	31		XA321	73		16B	9			MCYS1TX	09	MCSBRA1	01	2	TD4	C2		15B		
19961		XA321	73									MCYS1TX	10	MCYS1TX	00	1	ACF	D3		38B	SYNC 1 PRT C	
13538		XA502	79		XA403	76		16B	9			MCYS2GX	00C									
10183		XA403	76		XA402	76		16B	9			MCYS2GX	005				EXT					
10068		XA402	76		XA322	59		16B	9			MCYS2GX	01				EXT					
19964		XA322	59									MCYS2GX	02	MCYS2GX	00	1	ACF	D1				SYNC 2 PRT C I/O
19966		XA322	57		XA402	75		16B	9			MCYS2HX	01	MCYS2HX	00	1	ACF	D2				SYNC 2 PRT C I/O
10067		XA402	75		XA403	75		16B	9			MCYS2HX	02				EXT					
10182		XA403	75		XA502	78		16B	9			MCYS2HX	03				EXT					
13537		XA502	78									MCYS2HX	04									
19968		XA424	07		XA402	01		16B	9			MCYOPDX	01	MCYOPDX	00	1	DCF	A1		02B	PRTY BIT PRT C I/O	
09992		XA402	01		XA403	01		16B	9			MCYOPDX	02				EXT					
10073		XA403	01		XA502	05		16B	9			MCYOPDX	03				EXT					
13462		XA502	05									MCYOPDX	04									
19798		XA328	42		XA424	09		16B	9			MCYOPDX	01	MCYOPDX	01	2	TLD	C1		20A		
19969		XA424	09									MCYOPDX	02	MCYOPDX	00	1	DCF	A2		03B	PARIY BIT PORT C	
13463		XA502	06		XA403	03		16B	9			MCY00DX	00C									
10076		XA403	03		XA402	03		16B	9			MCY00DX	005				EXT					
09994		XA402	03		XA426	07		16B	9			MCY00DX	01				EXT					
19972		XA426	07									MCY00DX	02	MCY00DX	00	1	DCF	A1		02B	00 BIT PORT C I/O	
19801		XA329	10		XA434	22		16B	9			MCY00DX	01	MCY00DX	01	2	TLD	A1		07A		
19688		XA434	22		XA426	09		16B	9			MCY00DX	02	MCACTA	01	1	TD4	B1		12A		
19973		XA426	09									MCY00DX	03	MCY00DX	00	1	DCF	A2		03B	00 BIT PORT C	
19975		XA432	06		XA434	24		16B	9			MCY01A	01	MCY01A	00	1	TQ2	A1		05A	01 BIT PORT C *	
19690		XA434	24									MCY01A	02	MCACTA	01	2	TD4	B1		13A		
13464		XA502	07		XA403	05		16B	9			MCY01DX	00C									
10079		XA403	05		XA402	05		16B	9			MCY01DX	005				EXT					
09996		XA402	05		XA426	17		16B	9			MCY01DX	01				EXT					
19979		XA426	17									MCY01DX	02	MCY01DX	00	1	DCF	A3		07B	01 BIT PORT C I/O	
19804		XA329	05		XA432	08		16B	9			MCY01DX	01	MCY01DX	01	2	TLD	A2		03B		
19976		XA432	08		XA426	15		16B	9			MCY01DX	02	MCY01A	01	1	TQ2	A1		06A		
19981		XA426	15									MCY01DX	03	MCY01DX	00	1	DCF	A4		06B	01 BIT PORT C	
13465		XA502	08		XA403	07		16B	9			MCY02DX	00C									
10082		XA403	07		XA402	07		16B	9			MCY02DX	005				EXT					
09998		XA402	07		XA426	14		16B	9			MCY02DX	01				EXT					

\*\*\*\* SIGNAL (MCY02DX) IS ON THE NEXT PAGE \*\*\*\*





DRAWING NUMBER 149304-800 STRING UNIT ASSEMBLY NO. 149304 REV G INDEX MCY07DX  
 UNIT ASSEMBLY NAME CARD CAGE WIRED, MCU FILE IDENT T39AMCMU DATE 09-02-82 PAGE 69

RECORD NUMBER	FROM				TO				WIRE				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	DI PC	PREFIX	CONNECTOR	PIN	DI PC	MULTI GROUP	CODE	COLOR	IDENT												SIZE
19821 20006 20010		XA329 XA429 XA426	25 04 30			XA429 XA426 XA426	04 30 30			168 168 168	9 9 9			MCY070X MCY070X MCY070X	01 02 03	MCP07D MCY07A1 MCY070X	01 2 01 1 00 1	TLD TQ2 DCF	B4 A2 B8		12B 04A 11A	07 BIT PORT C		
11541 20014 19791		XA421 XA429 XA334	52 09 78			XA429 XA334 XA334	09 78 78			168 168 168	9 9 9			MCY08A1 MCY08A1 MCY08A1	01 02 03	MCP08D MCY08A1 MCMCA	01 2 00 1 01 3	TLD TQ2 TD4	C1 A3 F1		20A 04B 38A	08 BIT PORT C *		
20015 10011 10099 13481		XA426 XA402 XA403 XA502	46 19 19 24			XA402 XA403 XA502 XA502	19 19 24 24			168 168 168 168	9 9 9 9			MCY08DX MCY08DX MCY08DX MCY08DX	01 02 03 04	MCY08DX MCY08DX MCY08DX MCY08DX	00 1 00 1 00 1 00 1	DCF EXT EXT EXT	C1		25B	08 BIT PORT C I/O		
19825 20012 20017		XA329 XA429 XA426	42 03 47			XA429 XA426 XA426	03 47 47			168 168 168	9 9 9			MCY080X MCY080X MCY080X	01 02 03	MCP08D MCY08A1 MCY080X	01 2 01 1 00 1	TLD TQ2 DCF	C1 A3 C2		20A 02A 26B	08 BIT PORT C		
11543 20021 19792		XA421 XA429 XA334	54 15 79			XA429 XA334 XA334	15 79 79			168 168 168	9 9 9			MCY09A1 MCY09A1 MCY09A1	01 02 03	MCP09D MCY09A1 MCMCA	01 2 00 1 01 4	TLD TQ2 TD4	C2 A4 F1		07B 39B	09 BIT PORT C *		
20023 10013 10102 13482		XA426 XA402 XA403 XA502	55 21 21 25			XA402 XA403 XA502 XA502	21 21 25 25			168 168 168 168	9 9 9 9			MCY09DX MCY09DX MCY09DX MCY09DX	01 02 03 04	MCY09DX MCY09DX MCY09DX MCY09DX	00 1 00 1 00 1 00 1	DCF EXT EXT EXT	C3		30B	09 BIT PORT C I/O		
19828 20019 20025		XA329 XA429 XA426	36 11 56			XA429 XA426 XA426	11 56 56			168 168 168	9 9 9			MCY090X MCY090X MCY090X	01 02 03	MCP09D MCY09A1 MCY090X	01 2 01 1 00 1	TLD TQ2 DCF	C2 A4 C4		17A 05B 29B	09 BIT PORT C		
19760 20027		XA431 XA432	41 72			XA432 XA432	72 72			168 168	9 9			MCY10A MCY10A	01 02	MCLCOA MCY10A	01 1 00 1	TT3 TQ2	D2 F2		22B 34A	10 BIT PORT C *		
13483 10105 10015 20030		XA502 XA403 XA402 XA426	26 23 23 60			XA403 XA402 XA426 XA426	23 23 60 60			168 168 168 168	9 9 9 9			MCY10DX MCY10DX MCY10DX MCY10DX	00C 005 01 02	MCY10DX MCY10DX MCY10DX MCY10DX	00 1 00 1 00 1 00 1	EXT EXT DCF			31B	10 BIT PORT C I/O		
19830 19729 20026 20032		XA329 XA431 XA432 XA426	31 38 71 57			XA431 XA432 XA426 XA426	38 71 57 57			168 168 168 168	9 9 9 9			MCY100X MCY100X MCY100X MCY100X	01 02 03 04	MCP10D MCHGOA MCY10A MCY100X	01 2 01 1 01 1 00 1	TLD TT3 TQ2 DCF	C3 C1 F2 C6		15B 18A 36A 31A	10 BIT PORT C		
19764 20034		XA431 XA432	45 69			XA432 XA432	69 69			168 168	9 9			MCY11A MCY11A	01 02	MCLC1A MCY11A	01 1 00 1	TT3 TQ2	D3 F3		24B 35A	11 BIT PORT C *		
13487 10108		XA502 XA403	30 25			XA403 XA402	25 25			168 168	9 9			MCY11DX MCY11DX	00C 005	MCY11DX MCY11DX	00 1 00 1	EXT EXT						
**** SIGNAL (MCY11DX) IS ON THE NEXT PAGE ****																								

DRAWING NUMBER  
UNIT ASSEMBLY NAME

149304-800  
CARD CAGE WIRED, MCU

STRING

UNIT ASSEMBLY NO. 149304  
FILE IDENT T39AMCMU

REV G INDEX MCY11DX  
DATE 09-02-82 PAGE 70

RECORD NUMBER	FROM			TO			WIRE				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	SH PC	MULTI GROUP	CODE	COLOR											
13499		XA502	40		XA403	35			16B	9		MCY16DX	00C								
10123		XA403	35		XA402	35			16B	9		MCY16DX	005								
10027		XA402	35		XA425	07			16B	9		MCY16DX	01								
20063		XA425	07									MCY16DX	02	MCY16DX	00	1	DCF	A1		02B	16 BIT PORT C I/O
19849		XA329	70		XA425	09			16B	9		MCY160X	01	MCP16D	01	2	TLD	E1		33A	
20064		XA425	09									MCY160X	02	MCY160X	00	1	DCF	A2		03B	16 BIT PORT C
13500		XA502	41		XA403	37			16B	9		MCY17DX	00C								
10126		XA403	37		XA402	37			16B	9		MCY17DX	005								
10029		XA402	37		XA425	17			16B	9		MCY17DX	01								
20067		XA425	17									MCY17DX	02	MCY17DX	00	1	DCF	A3		07B	17 BIT PORT C I/O
19852		XA329	64		XA425	15			16B	9		MCY170X	01	MCP17D	01	2	TLD	E2		30A	
20069		XA425	15									MCY170X	02	MCY170X	00	1	DCF	A4		06B	17 BIT PORT C
13501		XA502	42		XA403	39			16B	9		MCY18DX	00C								
10129		XA403	39		XA402	39			16B	9		MCY18DX	005								
10031		XA402	39		XA425	14			16B	9		MCY18DX	01								
20071		XA425	14									MCY18DX	02	MCY18DX	00	1	DCF	A5		08B	18 BIT PORT C I/O
19854		XA329	55		XA425	10			16B	9		MCY180X	01	MCP18D	01	2	TLD	E3		29B	
20073		XA425	10									MCY180X	02	MCY180X	00	1	DCF	A6		07A	18 BIT PORT C
13504		XA502	45		XA403	41			16B	9		MCY19DX	00C								
10132		XA403	41		XA402	41			16B	9		MCY19DX	005								
10033		XA402	41		XA425	01			16B	9		MCY19DX	01								
20074		XA425	01									MCY19DX	02	MCY19DX	00	1	DCF	A7		02A	19 BIT PORT C I/O
19857		XA329	61		XA425	03			16B	9		MCY190X	01	MCP19D	01	2	TLD	E4		32B	
20076		XA425	03									MCY190X	02	MCY190X	00	1	DCF	A8		03A	19 BIT PORT C
13505		XA502	46		XA403	43			16B	9		MCY20DX	00C								
10135		XA403	43		XA402	43			16B	9		MCY20DX	005								
10035		XA402	43		XA425	27			16B	9		MCY20DX	01								
20078		XA425	27									MCY20DX	02	MCY20DX	00	1	DCF	B1		10B	20 BIT PORT C I/O
19861		XA329	79		XA425	29			16B	9		MCY200X	01	MCP20D	01	2	TLD	E1		39B	
20080		XA425	29									MCY200X	02	MCY200X	00	1	DCF	B2		11B	20 BIT PORT C
13486		XA502	29		XA403	45			16B	9		MCY21DX	00C								
10138		XA403	45		XA402	45			16B	9		MCY21DX	005								
10037		XA402	45		XA425	37			16B	9		MCY21DX	01								
20083		XA425	37									MCY21DX	02	MCY21DX	00	1	DCF	B3		15B	21 BIT PORT C I/O
19864		XA329	73		XA425	35			16B	9		MCY210X	01	MCP21D	01	2	TLD	E2		36B	
20085		XA425	35									MCY210X	02	MCY210X	00	1	DCF	B4		14B	21 BIT PORT C
13507		XA502	48		XA403	47			16B	9		MCY22DX	00C								
10141		XA403	47		XA402	47			16B	9		MCY22DX	005								
									****	SIGNAL		MCY22DX									IS ON THE NEXT PAGE ****

DRAWING NUMBER 149304-800 STRING UNIT ASSEMBLY NO. 149304 REV G INDEX MCY16DX  
 UNIT ASSEMBLY NAME CARD CAGE WIRED, MCU FILE IDENT T39AMCMU DATE 09-02-82 PAGE 71

RECORD NUMBER	FROM			TO			WIRE				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	SH PC	MULTI GROUP	CODE	COLOR												IDENT
13499		XA502	40		XA403	35			16B	9		MCY16DX	00C									
10123		XA403	35		XA402	35			16B	9		MCY16DX	005									
10027		XA402	35		XA425	07			16B	9		MCY16DX	01									
20063		XA425	07									MCY16DX	02	MCY16DX	00	1	DCF	A1		02B	16 BIT PORT C I/O	
19849		XA329	70		XA425	09			16B	9		MCY160X	01	MCP16D	01	2	TLD	E1		33A		
20064		XA425	09									MCY160X	02	MCY160X	00	1	DCF	A2		03B	16 BIT PORT C	
13500		XA502	41		XA403	37			16B	9		MCY17DX	00C									
10126		XA403	37		XA402	37			16B	9		MCY17DX	005									
10029		XA402	37		XA425	17			16B	9		MCY17DX	01									
20067		XA425	17									MCY17DX	02	MCY17DX	00	1	DCF	A3		07B	17 BIT PORT C I/O	
19852		XA329	64		XA425	15			16B	9		MCY170X	01	MCP17D	01	2	TLD	E2		30A		
20069		XA425	15									MCY170X	02	MCY170X	00	1	DCF	A4		06B	17 BIT PORT C	
13501		XA502	42		XA403	39			16B	9		MCY18DX	00C									
10129		XA403	39		XA402	39			16B	9		MCY18DX	005									
10031		XA402	39		XA425	14			16B	9		MCY18DX	01									
20071		XA425	14									MCY18DX	02	MCY18DX	00	1	DCF	A5		08B	18 BIT PORT C I/O	
19854		XA329	55		XA425	10			16B	9		MCY180X	01	MCP18D	01	2	TLD	E3		29B		
20073		XA425	10									MCY180X	02	MCY180X	00	1	DCF	A6		07A	18 BIT PORT C	
13504		XA502	45		XA403	41			16B	9		MCY19DX	00C									
10132		XA403	41		XA402	41			16B	9		MCY19DX	005									
10033		XA402	41		XA425	01			16B	9		MCY19DX	01									
20074		XA425	01									MCY19DX	02	MCY19DX	00	1	DCF	A7		02A	19 BIT PORT C I/O	
19857		XA329	61		XA425	03			16B	9		MCY190X	01	MCP19D	01	2	TLD	E4		32B		
20076		XA425	03									MCY190X	02	MCY190X	00	1	DCF	A8		03A	19 BIT PORT C	
13505		XA502	46		XA403	43			16B	9		MCY20DX	00C									
10135		XA403	43		XA402	43			16B	9		MCY20DX	005									
10035		XA402	43		XA425	27			16B	9		MCY20DX	01									
20078		XA425	27									MCY20DX	02	MCY20DX	00	1	DCF	B1		10B	20 BIT PORT C I/O	
19861		XA329	79		XA425	29			16B	9		MCY200X	01	MCP20D	01	2	TLD	E1		39B		
20080		XA425	29									MCY200X	02	MCY200X	00	1	DCF	B2		11B	20 BIT PORT C	
13486		XA502	29		XA403	45			16B	9		MCY21DX	00C									
10138		XA403	45		XA402	45			16B	9		MCY21DX	005									
10037		XA402	45		XA425	37			16B	9		MCY21DX	01									
20083		XA425	37									MCY21DX	02	MCY21DX	00	1	DCF	B3		15B	21 BIT PORT C I/O	
19864		XA329	73		XA425	35			16B	9		MCY210X	01	MCP21D	01	2	TLD	E2		36B		
20085		XA425	35									MCY210X	02	MCY210X	00	1	DCF	B4		14B	21 BIT PORT C	
13507		XA502	48		XA403	47			16B	9		MCY22DX	00C									
10141		XA403	47		XA402	47			16B	9		MCY22DX	005									
									****	SIGNAL		MCY22DX									IS ON THE NEXT PAGE	****

DRAWING NUMBER 149304-800 STRING UNIT ASSEMBLY NO. 149304 REV G INDEX MCY22DX  
 UNIT ASSEMBLY NAME CARD CAGE WIRED, MCU FILE IDENT T39AMCMU DATE 09-02-82 PAGE 72

RECORD NUMBER	FROM				TO				WIRE				SIGNAL	SEG 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 FTG	PREFIX	CONNECTOR	PIN	SH FTG	MULTI GROUP	CODE	COLOR	IDENT											
10039 20087		XA402 XA425	47 41			XA425 41				16B	9		MCY22DX MCY22DX	01 02	MCY22DX	00	1	EXT DCF	B5		16A	22 BIT PORT C I/O	
19867 20069		XA329 XA425	74 40			XA425 40				16B	9		MCY220X MCY220X	01 02	MCP22D MCY220X	01 00	2 1	TLD DCF	F3 B6		35B 15A	22 BIT PORT C	
13510 10144 10041 20090		XA502 XA403 XA402 XA425	51 49 49 23			XA403 XA402 XA425 23				16B	9		MCY23DX MCY23DX MCY23DX MCY23DX	00C 005 01 02				EXT EXT DCF			10A	23 BIT PORT C I/O	
19869 20092		XA329 XA425	78 30			XA425 30				16B	9		MCY230X MCY230X	01 02	MCP23D MCY230X	01 00	2 1	TLD DCF	F4 B8		38A 11A	23 BIT PORT C	
13511 10147 10043 20094		XA502 XA403 XA402 XA425	52 51 51 46			XA403 XA402 XA425 46				16B	9		MCY24DX MCY24DX MCY24DX MCY24DX	00C 005 01 02				EXT EXT DCF	C1		25B	24 BIT PORT C I/O	
19873 20096		XA328 XA425	10 47			XA425 47				16B	9		MCY240X MCY240X	01 02	MCP24D MCY240X	01 00	2 1	TLD DCF	A1 C2		07A 26B	24 BIT PORT C	
13512 10150 10045 20099		XA502 XA403 XA402 XA425	53 53 53 55			XA403 XA402 XA425 55				16B	9		MCY25DX MCY25DX MCY25DX MCY25DX	00C 005 01 02				EXT EXT DCF	C3		30B	25 BIT PORT C I/O	
19876 20101		XA328 XA425	05 56			XA425 56				16B	9		MCY250X MCY250X	01 02	MCP25D MCY250X	01 00	2 1	TLD DCF	A2 C4		03B 29B	25 BIT PORT C	
13513 10153 10047 20103		XA502 XA403 XA402 XA425	54 55 55 60			XA403 XA402 XA425 60				16B	9		MCY26DX MCY26DX MCY26DX MCY26DX	00C 005 01 02				EXT EXT DCF	C5		31B	26 BIT PORT C I/O	
19878 19691 20105		XA328 XA434 XA425	07 25 57			XA434 XA425 57				16B	9		MCY260X MCY260X MCY260X	01 02 03	MCP26D MCACTA MCY260X	01 01 00	2 3 1	TLD TD4 DCF	A3 B1 C6		03A 12B 31A	26 BIT PORT C	
13514 10156 10049 20106		XA502 XA403 XA402 XA425	55 57 57 43			XA403 XA402 XA425 43				16B	9		MCY27DX MCY27DX MCY27DX MCY27DX	00C 005 01 02				EXT EXT EXT DCF	C7		25A	27 BIT PORT C I/O	
19881 19692 20108		XA328 XA434 XA425	13 26 48			XA434 XA425 48				16B	9		MCY270X MCY270X MCY270X	01 02 03	MCP27D MCACTA MCY270X	01 01 00	2 4 1	TLD TD4 DCF	A4 B1 C8		06B 14A 26A	27 BIT PORT C	
13515 10159		XA502 XA403	56 59			XA403 XA402 59				16B	9		MCY28DX MCY28DX	00C 005				EXT					

\*\*\* SIGNAL (MCY28DX) IS ON THE NEXT PAGE \*\*\*\*

DRAWING NUMBER 149304-800 STRING UNIT ASSEMBLY NO. 149304 REV G INDEX MCY28DX  
 UNIT ASSEMBLY NAME CARD CAGE WIRED, MCU FILE IDENT T39AMCMU DATE 09-02-82 PAGE 73

RECORD NUMBER	FROM				TO				WIRE			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 FC	PREFIX	CONNECTOR	PIN	SH FC	MULTI GROUP	CODE	COLOR												IDENT		
10051 20110		XA402 XA425	59 65			XA425	65			16B	9		MCY28DX MCY28DX	01 02	MCY28DX	00	1	EXT DCF	D1		32B	28 BIT PORT C I/O			
19885 20112		XA328 XA425	26 69			XA425	69			16B	9		MCY280X MCY280X	01 02	MCP28D MCY280X	01 00	2 1	TLD DCF	B1 D2		14A 33B	28 BIT PORT C			
13520 10162		XA502 XA403	61 61			XA403 XA402	61 61			16B 16B	9 9		MCY29DX MCY29DX	00C 005				EXT							
10053 20115		XA402 XA425	61 78			XA425	78			16B	9		MCY29DX MCY29DX	01 02	MCY29DX	00	1	EXT DCF	D3		37B	29 BIT PORT C I/O			
19888 20117		XA328 XA425	20 75			XA425	75			16B	9		MCY290X MCY290X	01 02	MCP29D MCY290X	01 00	2 1	TLD DCF	B2 D4		11A 36B	29 BIT PORT C			
13521 10165		XA502 XA403	62 63			XA403 XA402	63 63			16B 16B	9 9		MCY30DX MCY30DX	00C 005				EXT							
10055 20119		XA402 XA425	63 80			XA425	80			16B	9		MCY30DX MCY30DX	01 02	MCY30DX	00	1	EXT DCF	D5		38B	30 BIT PORT C I/O			
19890 20121		XA328 XA425	19 76			XA425	76			16B	9		MCY300X MCY300X	01 02	MCP30D MCY300X	01 00	2 1	TLD DCF	B3 D6		09B 38A	30 BIT PORT C			
13522 10168		XA502 XA403	63 65			XA403 XA402	65 65			16B 16B	9 9		MCY31DX MCY31DX	00C 005				EXT							
10057 20122		XA402 XA425	65 61			XA425	61			16B	9		MCY31DX MCY31DX	01 02	MCY31DX	00	1	EXT DCF	D7		33A	31 BIT PORT C I/O			
19893 20124		XA328 XA425	25 68			XA425	68			16B	9		MCY310X MCY310X	01 02	MCP31D MCY310X	01 00	2 1	TLD DCF	B4 D8		12B 34A	31 BIT PORT C			
11553 01232 06563		XA421 XA106 XA242	64 07 50			XA106 XA242	07 50			18B 16B	9 9		MCOSCA1 MCOSCA1 MCOSCA1	01 03 04				RR1 MTS OSC	F6				MTS OSC CONTROL		
01233 01242		XA106 XA106	08 16			XA106	16			16B	9		MCOSGA MCOSGA	01 02				MTS MTS					MTS OSC CONT GND		
20130 20132		XA434 XA433	21 18			XA433	18			16B	9		MDACTA MDACTA	01 02	MDACTA MDACTO	00 01	1 1	TD4 TQ2	B2 B2		10B 10A	MBA ACT PRT D DEC			
20230 20131		XA432 XA433	11 14			XA433	14			16B	9		MDACTO MDACTO	01 02	MDCTSA1 MDACTO	01 00	1 1	TQ2 TQ2	A4 B2		05B 09A	MBA ACT PORT D INV			
05586 05425 05304 05468 20135		XA209 XA207 XA206 XA208 XA215	57 57 19 19 06			XA207 XA206 XA208 XA215 XA215	57 19 19 06 01			16B 16B 16B 16B 16B	9 9 9 9 9		MDAOAB MDAOAB MDAOAB MDAOAB MUA0AA	01 02 03 04 05				SWT SWT SWT SWT	Z4 Z4 Z2 Z2				05A	BIT D SWT ADR 0	
20134 02498		XA215 XA121	01 57			XA121 XA119	57 57			16B 16B	9 9		MUA0BA MDAOAB	06 07	MDAOAB	02	1	TQ2 SWT	A2 Z4		02B				

\*\*\*\* SIGNAL (MDAOAB) IS ON THE NEXT PAGE \*\*\*\*

DRAWING NUMBER 149304-800 STRING UNIT ASSEMBLY NO. 149304 REV G INDEX MCY16DX  
 UNIT ASSEMBLY NAME CARD CAGE WIRED, MCU FILE IDENT T39AMCMU DATE 09-02-82 PAGE 71

RECORD NUMBER	FROM			TO			WIRE				SFC INST	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	SFC	PREFIX	CONNECTOR	PIN	SFC	MULTI GROUP	CODE													COLOR
02338		XA119	57		XA117	57			16B	9		MDA0AB	08				SWT	Z4					
02177		XA117	57		XA115	57			16B	9		MDA0AB	09				SWT	Z4					
02015		XA115	57		XA113	57			16B	9		MDA0AB	10				SWT	Z4					
01852		XA113	57		XA112	75			16B	9		MDA0AB	11				SWT	Z4					
01790		XA112	75		XA110	68			16B	9		MDA0AB	12				SWT	Z5					
01623		XA110	68		XA111	57			16B	9		MDA0AB	13				SWT	Z5					
01692		XA111	57		XA110	19			16B	9		MDA0AB	14				SWT	Z4					
01573		XA110	19		XA112	19			16B	9		MDA0AB	15				SWT	Z2					
01734		XA112	19		XA114	19			16B	9		MDA0AB	16				SWT	Z2					
01894		XA114	19		XA116	19			16B	9		MDA0AB	17				SWT	Z2					
02057		XA116	19		XA118	19			16B	9		MDA0AB	18				SWT	Z2					
02219		XA118	19		XA120	19			16B	9		MDA0AB	19				SWT	Z2					
02380		XA120	19									MDA0AB	20				SWT	Z2					
05629		XA210	19		XA211	19			16B	9		MDA0BB	01				SWT	Z2					
05710		XA211	19		XA213	19			16B	9		MDA0BB	02				SWT	Z2					
05872		XA213	19		XA214	57			16B	9		MDA0BB	03				SWT	Z2					
05992		XA214	57		XA212	57			16B	9		MDA0BB	04				SWT	Z4					
05830		XA212	57		XA211	68			16B	9		MDA0BB	05				SWT	Z4					
05760		XA211	68		XA213	75			16B	9		MDA0BB	06				SWT	Z5					
05928		XA213	75		XA207	75			16B	9		MDA0BB	07				SWT	Z5					
05443		XA207	75		XA307	19			16B	9		MDA0BB	08				SWT	Z5					
07860		XA307	19		XA309	19			16B	9		MDA0BB	09				SWT	Z2					
08021		XA309	19		XA311	19			16B	9		MDA0BB	10				SWT	Z2					
08184		XA311	19		XA313	19			16B	9		MDA0BB	11				SWT	Z2					
08345		XA313	19		XA314	57			16B	9		MDA0BB	12				SWT	Z2					
08465		XA314	57		XA312	57			16B	9		MDA0BB	13				SWT	Z4					
08303		XA312	57		XA310	57			16B	9		MDA0BB	14				SWT	Z4					
08141		XA310	57		XA308	57			16B	9		MDA0BB	15				SWT	Z4					
07979		XA308	57		XA307	68			16B	9		MDA0BB	16				SWT	Z4					
07910		XA307	68		XA309	75			16B	9		MDA0BB	17				SWT	Z5					
08077		XA309	75		XA416	19			16B	9		MDA0BB	18				SWT	Z5					
11179		XA416	19		XA418	19			16B	9		MDA0BB	20				SWT	Z2					
11339		XA418	19		XA420	01			16B	9		MDA0BB	21				SWT	Z2					
20136		XA420	01		XA420	06			16B	9	P	MUAODA	22	MDA0BB	02	1	TQ2	A2		02B			
20137		XA420	06		XA419	57			16B	9	P	MUAOCA	23	MDA0BB	01	1	TQ2	A1		05A	BIT D SWT ADR 0		
11458		XA419	57		XA417	57			16B	9		MDA0BB	24				SWT	Z4					
11297		XA417	57									MDA0BB	25				SWT	Z4					
13786		XA505	75		XA503	68			16B	9		MDA0CB	01				SWT	Z5					
13611		XA503	68		XA504	57			16B	9		MDA0CB	02				SWT	Z5					
13686		XA504	57		XA506	57			16B	9		MDA0CB	03				SWT	Z4					
13848		XA506	57		XA508	57			16B	9		MDA0CB	04				SWT	Z4					
14008		XA508	57		XA510	57			16B	9		MDA0CB	05				SWT	Z4					
14171		XA510	57		XA513	75			16B	9		MDA0CB	06				SWT	Z4					
14430		XA513	75		XA511	68			16B	9		MDA0CB	07				SWT	Z5					
14262		XA511	68		XA512	57			16B	9		MDA0CB	08				SWT	Z5					
14331		XA512	57		XA514	57			16B	9		MDA0CB	09				SWT	Z4					
14494		XA514	57		XA515	38			16B	9		MDA0CB	10				SWT	Z4					
20139		XA515	38		XA515	30			16B	9	P	MUAQEA	11	MDA0CB	01	1	TQ2	C1		18A	BIT D SWT ADR 0		
									****	SIGNAL		MDA0CB											IS ON THE NEXT PAGE ****

DRAWING NUMBER 149304-800 STRING UNIT ASSEMBLY NO. 149304 REV G INDEX MA0CB  
 UNIT ASSEMBLY NAME CARD CAGE WIRED, MCU FILE IDENT T39AMCMU DATE 09-02-82 PAGE 75

RECORD NUMBER	FROM			TO			WIRE				SPEC INST	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												
20138		XA515	30		XA513	19		16B	9		P	MUA0FA	12	MDA0CB	02	1	TQ2	C2		15A		
14373		XA513	19		XA511	19		16B	9			MDA0CB	13				SWT	Z2				
14213		XA511	19		XA509	19		16B	9			MDA0CB	14				SWT	Z2				
14051		XA509	19		XA503	19		16B	9			MDA0CB	15				SWT	Z2				
13560		XA503	19		XA505	19		16B	9			MDA0CB	16				SWT	Z2				
13730		XA505	19		XA507	19		16B	9			MDA0CB	17				SWT	Z2				
13890		XA507	19		XA410	75		16B	9			MDA0CB	18				SWT	Z2				
10750		XA410	75		XA408	68		16B	9			MDA0CB	19				SWT	Z5				
10583		XA408	68		XA409	57		16B	9			MDA0CB	20				SWT	Z5				
10652		XA409	57		XA411	57		16B	9			MDA0CB	21				SWT	Z4				
10812		XA411	57		XA413	57		16B	9			MDA0CB	22				SWT	Z4				
10974		XA413	57		XA415	57		16B	9			MDA0CB	23				SWT	Z4				
11137		XA415	57		XA414	19		16B	9			MDA0CB	24				SWT	Z4				
11017		XA414	19		XA412	19		16B	9			MDA0CB	25				SWT	Z2				
10854		XA412	19		XA410	19		16B	9			MDA0CB	26				SWT	Z2				
10694		XA410	19		XA408	19		16B	9			MDA0CB	27				SWT	Z2				
10533		XA408	19									MDA0CB	28				SWT	Z2				
01574		XA110	20		XA112	20		16B	9			MDA1AB	01				SWT	Z2				
01735		XA112	20		XA114	20		16B	9			MDA1AB	02				SWT	Z2				
01895		XA114	20		XA116	20		16B	9			MDA1AB	03				SWT	Z2				
02058		XA116	20		XA118	20		16B	9			MDA1AB	04				SWT	Z2				
02220		XA118	20		XA120	20		16B	9			MDA1AB	05				SWT	Z2				
02381		XA120	20		XA121	62		16B	9			MDA1AB	06				SWT	Z2				
02503		XA121	62		XA119	62		16B	9			MDA1AB	07				SWT	Z4				
02343		XA119	62		XA117	62		16B	9			MDA1AB	08				SWT	Z4				
02182		XA117	62		XA115	62		16B	9			MDA1AB	09				SWT	Z4				
02020		XA115	62		XA113	62		16B	9			MDA1AB	10				SWT	Z4				
01857		XA113	62		XA111	62		16B	9			MDA1AB	11				SWT	Z4				
01697		XA111	62		XA110	72		16B	9			MDA1AB	12				SWT	Z4				
01627		XA110	72		XA112	78		16B	9			MDA1AB	13				SWT	Z5				
01793		XA112	78		XA208	20		16B	9			MDA1AB	14				SWT	Z5				
05469		XA208	20		XA206	20		16B	9			MDA1AB	15				SWT	Z2				
05305		XA206	20		XA207	62		16B	9			MDA1AB	16				SWT	Z2				
05430		XA207	62		XA209	62		16B	9			MDA1AB	17				SWT	Z4				
05591		XA209	62		XA215	15		16B	9			MDA1AB	18				SWT	Z4				
20141		XA215	15		XA215	09		16B	9		P	MUA1BA	19	MDA1AB	02	1	TQ2	A4		07B		
20140		XA215	09								P	MUA1AA	20	MDA1AB	01	1	TQ2	A3		04B	BIT D SWT ADR 1	
11302		XA417	62		XA419	62		16B	9			MDA1BB	01				SWT	Z4				
11463		XA419	62		XA420	09		16B	9			MDA1BB	02				SWT	Z4				
20142		XA420	09		XA420	15		16B	9		P	MUA1CA	03	MDA1BB	01	1	TQ2	A3		04B	BIT D SWT ADR 1	
20143		XA420	15		XA418	20		16B	9		P	MUA1DA	04	MDA1BB	02	1	TQ2	A4		07B		
11340		XA418	20		XA416	20		16B	9			MDA1BB	05				SWT	Z2				
11180		XA416	20		XA309	78		16B	9			MDA1BB	06				SWT	Z2				
08080		XA309	78		XA307	72		16B	9			MDA1BB	07				SWT	Z5				
07914		XA307	72		XA308	62		16B	9			MDA1BB	08				SWT	Z5				
07984		XA308	62		XA310	62		16B	9			MDA1BB	09				SWT	Z4				
08146		XA310	62		XA312	62		16B	9			MDA1BB	10				SWT	Z4				
08308		XA312	62		XA314	62		16B	9			MDA1BB	11				SWT	Z4				

\*\*\* SIGNAL (MDA1BB) IS ON THE NEXT PAGE \*\*\*

DRAWING NUMBER 149304-800 STRING UNIT ASSEMBLY NO. 149304 REV G INDEX MDA1BB  
 UNIT ASSEMBLY NAME CARD CAGE WIRED, MCU FILE IDENT T39AMCMU DATE 09-02-82 PAGE 76

RECORD NUMBER	FROM				TO				WIRE				SIGNAL	SIGNAL NO	EQUATION	TERM	FACTOR	CKT OR CHIP TYPE	GROUP	LOAD OR POWER PLANE	TEST POINTS AND OR	SIGNAL DESCRIPTION	ECO NO
	PREFIX	CONNECTOR	PIN	SWT	PREFIX	CONNECTOR	PIN	SWT	MULTI-GROUP	CODE	COLOR	IDENT											
08470		XA314	62		XA313	20				168	9		MDA1BB	12			SWT	Z4					
08346		XA313	20		XA311	20				168	9		MDA1BB	13			SWT	Z2					
08185		XA311	20		XA309	20				168	9		MDA1BB	14			SWT	Z2					
08022		XA309	20		XA307	20				168	9		MDA1BB	15			SWT	Z2					
07861		XA307	20		XA207	78				168	9		MDA1BB	16			SWT	Z2					
05446		XA207	78		XA211	72				168	9		MDA1BB	17			SWT	Z5					
05764		XA211	72		XA212	62				168	9		MDA1BB	18			SWT	Z5					
05835		XA212	62		XA214	62				168	9		MDA1BB	19			SWT	Z4					
05997		XA214	62		XA213	78				168	9		MDA1BB	20			SWT	Z4					
05931		XA213	78		XA213	20				168	9		MDA1BB	21			SWT	Z5					
05873		XA213	20		XA211	20				168	9		MDA1BB	22			SWT	Z2					
05711		XA211	20		XA210	20				168	9		MDA1BB	23			SWT	Z2					
05630		XA210	20										MDA1BB	24			SWT	Z2					
13789		XA505	78		XA503	72				168	9		MDA1CB	01			SWT	Z5					
13615		XA503	72		XA504	62				168	9		MDA1CB	02			SWT	Z5					
13692		XA504	62		XA506	62				168	9		MDA1CB	03			SWT	Z4					
13853		XA506	62		XA508	62				168	9		MDA1CB	04			SWT	Z4					
14013		XA508	62		XA510	62				168	9		MDA1CB	05			SWT	Z4					
14176		XA510	62		XA511	72				168	9		MDA1CB	06			SWT	Z4					
14266		XA511	72		XA513	78				168	9		MDA1CB	07			SWT	Z5					
14433		XA513	78		XA512	62				168	9		MDA1CB	08			SWT	Z5					
14336		XA512	62		XA514	62				168	9		MDA1CB	09			SWT	Z4					
14499		XA514	62		XA515	39				168	9		MDA1CB	10			SWT	Z4					
20145		XA515	39		XA515	33				168	9	P	MUA1FA	11	MDA1CB	02	1	TQ2	C4		19B		
20144		XA515	33		XA513	20				168	9	P	MUA1EA	12	MDA1CB	01	1	TQ2	C3		16B	BIT D SWT ADR 1	
14374		XA513	20		XA511	20				168	9		MDA1CB	13			SWT	Z2					
14214		XA511	20		XA509	20				168	9		MDA1CB	14			SWT	Z2					
14052		XA509	20		XA507	20				168	9		MDA1CB	15			SWT	Z2					
13891		XA507	20		XA505	20				168	9		MDA1CB	16			SWT	Z2					
13731		XA505	20		XA503	20				168	9		MDA1CB	17			SWT	Z2					
13561		XA503	20		XA408	72				168	9		MDA1CB	18			SWT	Z2					
10587		XA408	72		XA409	62				168	9		MDA1CB	19			SWT	Z5					
10657		XA409	62		XA411	62				168	9		MDA1CB	20			SWT	Z4					
10817		XA411	62		XA413	62				168	9		MDA1CB	21			SWT	Z4					
10979		XA413	62		XA415	62				168	9		MDA1CB	22			SWT	Z4					
11142		XA415	62		XA410	78				168	9		MDA1CB	23			SWT	Z4					
10753		XA410	78		XA410	20				168	9		MDA1CB	24			SWT	Z5					
10695		XA410	20		XA412	20				168	9		MDA1CB	25			SWT	Z2					
10855		XA412	20		XA414	20				168	9		MDA1CB	26			SWT	Z2					
11018		XA414	20		XA408	20				168	9		MDA1CB	27			SWT	Z2					
10534		XA408	20										MDA1CB	28			SWT	Z2					
20146		XA215	14		XA215	22				168	9	P	MUA2BA	01	MDA2AB	02	1	TQ2	B2		05A		
20147		XA215	22		XA209	54				168	9	P	MUA2AA	02	MDA2AB	01	1	TQ2	B1		12A	BIT D SWT ADR 2	
05583		XA209	54		XA207	54				168	9		MDA2AB	03			SWT	Z4					
05422		XA207	54		XA206	27				168	9		MDA2AB	04			SWT	Z4					
05312		XA206	27		XA208	27				168	9		MDA2AB	05			SWT	Z2					
05476		XA208	27		XA110	75				168	9		MDA2AB	06			SWT	Z2					
01630		XA110	75		XA112	68				168	9		MDA2AB	07			SWT	Z5					

\*\*\*\* SIGNAL (MDA2AB) IS ON THE NEXT PAGE \*\*\*\*



DRAWING NUMBER 149304-800 STRING UNIT ASSEMBLY NO. 149304 REV G INDEX MDA2AB  
 UNIT ASSEMBLY NAME CARD CAGE WIRED, MCU FILE IDENT T39AMCMU DATE 09-02-82 PAGE 77

RECORD NUMBER	FROM			TO			WIRE				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											
01783		XA112	68		XA111	54		168	9		MDA2AB	08			SWT	Z5					
01689		XA111	54		XA113	54		168	9		MDA2AB	09			SWT	Z4					
01849		XA113	54		XA115	54		168	9		MDA2AB	10			SWT	Z4					
02012		XA115	54		XA117	54		168	9		MDA2AB	11			SWT	Z4					
02174		XA117	54		XA119	54		168	9		MDA2AB	12			SWT	Z4					
02335		XA119	54		XA121	54		168	9		MDA2AB	13			SWT	Z4					
02495		XA121	54		XA120	27		168	9		MDA2AB	14			SWT	Z4					
02388		XA120	27		XA118	27		168	9		MDA2AB	15			SWT	Z2					
02227		XA118	27		XA116	27		168	9		MDA2AB	16			SWT	Z2					
02065		XA116	27		XA114	27		168	9		MDA2AB	17			SWT	Z2					
01902		XA114	27		XA112	27		168	9		MDA2AB	18			SWT	Z2					
01742		XA112	27		XA110	27		168	9		MDA2AB	19			SWT	Z2					
01581		XA110	27								MDA2AB	20			SWT	Z2					
11455		XA419	54		XA417	54		168	9		MDA2BB	01			SWT	Z4					
11294		XA417	54		XA416	27		168	9		MDA2BB	02			SWT	Z4					
11187		XA416	27		XA418	27		168	9		MDA2BB	03			SWT	Z2					
11347		XA418	27		XA420	22		168	9		MDA2BB	04			SWT	Z2					
20149		XA420	22		XA420	14		168	9	P	MUA2CA	05	MDA2BB	01	1	TQ2	B1	12A	BIT D SWT ADR 2		
20148		XA420	14		XA314	54		168	9	P	MUA2DA	06	MDA2BB	02	1	TQ2	B2	09A			
08462		XA314	54		XA312	54		168	9		MDA2BB	07			SWT	Z4					
08300		XA312	54		XA310	54		168	9		MDA2BB	08			SWT	Z4					
08138		XA310	54		XA308	54		168	9		MDA2BB	09			SWT	Z4					
07976		XA308	54		XA309	68		168	9		MDA2BB	10			SWT	Z4					
08070		XA309	68		XA307	75		168	9		MDA2BB	11			SWT	Z5					
07917		XA307	75		XA307	27		168	9		MDA2BB	12			SWT	Z5					
07868		XA307	27		XA309	27		168	9		MDA2BB	13			SWT	Z2					
08029		XA309	27		XA311	27		168	9		MDA2BB	14			SWT	Z2					
08192		XA311	27		XA313	27		168	9		MDA2BB	15			SWT	Z2					
08353		XA313	27		XA211	75		168	9		MDA2BB	16			SWT	Z2					
05767		XA211	75		XA213	68		168	9		MDA2BB	17			SWT	Z5					
05921		XA213	68		XA212	54		168	9		MDA2BB	18			SWT	Z5					
05827		XA212	54		XA214	54		168	9		MDA2BB	19			SWT	Z4					
05989		XA214	54		XA213	27		168	9		MDA2BB	20			SWT	Z4					
05880		XA213	27		XA211	27		168	9		MDA2BB	21			SWT	Z2					
05718		XA211	27		XA210	27		168	9		MDA2BB	22			SWT	Z2					
05637		XA210	27		XA207	68		168	9		MDA2BB	23			SWT	Z2					
05436		XA207	68								MDA2BB	24			SWT	Z5					
10541		XA408	27		XA410	27		168	9		MDA2CB	01			SWT	Z2					
10702		XA410	27		XA412	27		168	9		MDA2CB	02			SWT	Z2					
10862		XA412	27		XA414	27		168	9		MDA2CB	03			SWT	Z2					
11025		XA414	27		XA415	54		168	9		MDA2CB	04			SWT	Z2					
11134		XA415	54		XA413	54		168	9		MDA2CB	05			SWT	Z4					
10971		XA413	54		XA411	54		168	9		MDA2CB	06			SWT	Z4					
10809		XA411	54		XA409	54		168	9		MDA2CB	07			SWT	Z4					
10649		XA409	54		XA410	68		168	9		MDA2CB	08			SWT	Z4					
10743		XA410	68		XA408	75		168	9		MDA2CB	09			SWT	Z5					
10590		XA408	75		XA505	27		168	9		MDA2CB	10			SWT	Z5					
13738		XA505	27		XA503	27		168	9		MDA2CB	11			SWT	Z2					
								***		SIGNAL	MDA2CB									IS ON THE NEXT PAGE	***

DRAWING NUMBER 149304-800 STRING UNIT ASSEMBLY NO. 149304 REV G INDEX MDA2CB  
 UNIT ASSEMBLY NAME CARD CAGE WIRED, MCU FILE IDENT T39AMCMU DATE 09-02-82 PAGE 78

RECORD NUMBER	FROM			SH FG	TO			SH FG	WIRE			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											
13568		XA503	27		XA507	27			168	9		MDA2CB	12			SWT	Z2					
13898		XA507	27		XA509	27			168	9		MDA2CB	13			SWT	Z2					
14059		XA509	27		XA511	27			168	9		MDA2CB	14			SWT	Z2					
14221		XA511	27		XA513	27			168	9		MDA2CB	15			SWT	Z2					
14381		XA513	27		XA512	54			168	9		MDA2CB	16			SWT	Z2					
14328		XA512	54		XA514	54			168	9		MDA2CB	17			SWT	Z4					
14491		XA514	54		XA515	52			168	9		MDA2CB	18			SWT	Z4					
20151		XA515	52		XA515	46			168	9	P	MUA2EA	19	MDA2CB	01	1	TQ2	D1		24A	BIT D SWT ADR 2	
20150		XA515	46		XA513	68			168	9	P	MUA2FA	20	MDA2CB	02	1	TQ2	D2		21A		
14423		XA513	68		XA511	75			168	9		MDA2CB	21			SWT	Z5					
14269		XA511	75		XA510	54			168	9		MDA2CB	22			SWT	Z5					
14168		XA510	54		XA508	54			168	9		MDA2CB	23			SWT	Z4					
14005		XA508	54		XA506	54			168	9		MDA2CB	24			SWT	Z4					
13845		XA506	54		XA505	68			168	9		MDA2CB	25			SWT	Z4					
13779		XA505	68		XA504	54			168	9		MDA2CB	251			SWT	Z5					
13683		XA504	54		XA503	75			168	9		MDA2CB	26			SWT	Z4					
13618		XA503	75									MDA2CB	27			SWT	Z5					
01576		XA110	22		XA112	22			168	9		MDA3AB	01			SWT	Z2					
01737		XA112	22		XA114	22			168	9		MDA3AB	02			SWT	Z2					
01897		XA114	22		XA116	22			168	9		MDA3AB	03			SWT	Z2					
02060		XA116	22		XA118	22			168	9		MDA3AB	04			SWT	Z2					
02222		XA118	22		XA120	22			168	9		MDA3AB	05			SWT	Z2					
02383		XA120	22		XA121	60			168	9		MDA3AB	06			SWT	Z2					
02501		XA121	60		XA119	60			168	9		MDA3AB	07			SWT	Z4					
02341		XA119	60		XA117	60			168	9		MDA3AB	08			SWT	Z4					
02180		XA117	60		XA115	60			168	9		MDA3AB	09			SWT	Z4					
02018		XA115	60		XA113	60			168	9		MDA3AB	10			SWT	Z4					
01855		XA113	60		XA111	60			168	9		MDA3AB	11			SWT	Z4					
01695		XA111	60		XA112	72			168	9		MDA3AB	12			SWT	Z4					
01787		XA112	72		XA110	78			168	9		MDA3AB	13			SWT	Z5					
01633		XA110	78		XA208	22			168	9		MDA3AB	14			SWT	Z5					
05471		XA208	22		XA206	22			168	9		MDA3AB	15			SWT	Z2					
05307		XA206	22		XA207	60			168	9		MDA3AB	16			SWT	Z2					
05428		XA207	60		XA209	60			168	9		MDA3AB	17			SWT	Z4					
05589		XA209	60		XA215	27			168	9		MDA3AB	18			SWT	Z4					
20153		XA215	27		XA215	21			168	9	P	MUA3BA	19	MDA3AB	02	1	TQ2	B4		13B		
20152		XA215	21								P	MUA3AA	20	MDA3AB	01	1	TQ2	B3		10B	BIT D SWT ADR 3	
08074		XA309	72		XA417	60			168	9		MDA3BB	00			SWT	Z5					
11300		XA417	60		XA419	60			168	9		MDA3BB	01			SWT	Z4					
11461		XA419	60		XA420	27			168	9		MDA3BB	02			SWT	Z4					
20155		XA420	27		XA420	21			168	9	P	MUA3DA	03	MDA3BB	02	1	TQ2	B4		13B		
20154		XA420	21		XA418	22			168	9	P	MUA3CA	04	MDA3BB	01	1	TQ2	B3		10B	BIT D SWT ADR 3	
11342		XA418	22		XA416	22			168	9		MDA3BB	05			SWT	Z2					
11182		XA416	22		XA307	78			168	9		MDA3BB	06			SWT	Z2					
07920		XA307	78		XA308	60			168	9		MDA3BB	07			SWT	Z5					
07982		XA308	60		XA310	60			168	9		MDA3BB	08			SWT	Z4					
08144		XA310	60		XA312	60			168	9		MDA3BB	09			SWT	Z4					
08306		XA312	60		XA314	60			168	9		MDA3BB	10			SWT	Z4					
									****		SIGNAL	MDA3BB										TS ON THE NEXT PAGE ****

DRAWING NUMBER 149304-800 STRING UNIT ASSEMBLY NO. 149304 REV G INDEX MDA3BB  
 UNIT ASSEMBLY NAME CARD CAGE WIRED, MCU FILE IDENT T39AMCMU DATE 09-02-82 PAGE 79

RECORD NUMBER	FROM				TO				WIRE				SFC INST. AUSE	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. FC.	PREFIX	CONNECTOR	PIN	SH. FC.	MULTI GROUP	CODE	COLOR	IDENT														
08468		XA314	60		XA313	22				168	9		MDA3BB	11				SWT	Z4							
08348		XA313	22		XA311	22				168	9		MDA3BB	12				SWT	Z2							
08187		XA311	22		XA309	22				168	9		MDA3BB	13				SWT	Z2							
08024		XA309	22		XA307	22				168	9		MDA3BB	14				SWT	Z2							
07863		XA307	22		XA207	72				168	9		MDA3BB	15				SWT	Z2							
05440		XA207	72		XA211	78				168	9		MDA3BB	16				SWT	Z5							
05770		XA211	78		XA213	72				168	9		MDA3BB	17				SWT	Z5							
05925		XA213	72		XA214	60				168	9		MDA3BB	18				SWT	Z5							
05995		XA214	60		XA212	60				168	9		MDA3BB	19				SWT	Z4							
05833		XA212	60		XA213	22				168	9		MDA3BB	20				SWT	Z4							
05875		XA213	22		XA211	22				168	9		MDA3BB	21				SWT	Z2							
05713		XA211	22		XA210	22				168	9		MDA3BB	22				SWT	Z2							
05632		XA210	22										MDA3BB	23				SWT	Z2							
11020		XA414	22		XA412	22				168	9		MDA3CB	01				SWT	Z2							
10857		XA412	22		XA410	22				168	9		MDA3CB	02				SWT	Z2							
10697		XA410	22		XA408	22				168	9		MDA3CB	03				SWT	Z2							
10536		XA408	22		XA409	60				168	9		MDA3CB	04				SWT	Z2							
10655		XA409	60		XA411	60				168	9		MDA3CB	05				SWT	Z4							
10815		XA411	60		XA415	60				168	9		MDA3CB	06				SWT	Z4							
11140		XA415	60		XA413	60				168	9		MDA3CB	07				SWT	Z4							
10977		XA413	60		XA410	72				168	9		MDA3CB	08				SWT	Z4							
10747		XA410	72		XA408	78				168	9		MDA3CB	10				SWT	Z5							
10593		XA408	78		XA503	22				168	9		MDA3CB	11				SWT	Z5							
13563		XA503	22		XA505	22				168	9		MDA3CB	12				SWT	Z2							
13733		XA505	22		XA507	22				168	9		MDA3CB	13				SWT	Z2							
13893		XA507	22		XA509	22				168	9		MDA3CB	14				SWT	Z2							
14054		XA509	22		XA511	22				168	9		MDA3CB	15				SWT	Z2							
14216		XA511	22		XA513	22				168	9		MDA3CB	16				SWT	Z2							
14376		XA513	22		XA515	45				168	9		MDA3CB	17				SWT	Z2							
20156		XA515	45		XA515	51				168	9	P	MUA3EA	18	MDA3CB	01	1	TQ2	D3		24B	BIT D SWT ADR 3				
20157		XA515	51		XA514	60				168	9	P	MUA3FA	19	MDA3CB	02	1	TQ2	D4		27B					
14497		XA514	60		XA512	60				168	9		MDA3CB	20				SWT	Z4							
14334		XA512	60		XA510	60				168	9		MDA3CB	21				SWT	Z4							
14174		XA510	60		XA508	60				168	9		MDA3CB	22				SWT	Z4							
14011		XA508	60		XA506	60				168	9		MDA3CB	23				SWT	Z4							
13851		XA506	60		XA504	60				168	9		MDA3CB	24				SWT	Z4							
13690		XA504	60		XA505	72				168	9		MDA3CB	25				SWT	Z4							
13783		XA505	72		XA503	78				168	9		MDA3CB	27				SWT	Z5							
13621		XA503	78		XA511	78				168	9		MDA3CB	28				SWT	Z5							
14272		XA511	78		XA513	72				168	9		MDA3CB	30				SWT	Z5							
14427		XA513	72										MDA3CB	31				SWT	Z5							
05343		XA206	57		XA208	57				168	9		MDA4AB	01				SWT	Z4							
05506		XA208	57		XA207	19				168	9		MDA4AB	02				SWT	Z4							
05386		XA207	19		XA209	19				168	9		MDA4AB	03				SWT	Z2							
05548		XA209	19		XA215	38				168	9		MDA4AB	04				SWT	Z2							
20159		XA215	38		XA215	30				168	9	P	MUA4AA	05	MDA4AB	01	1	TQ2	C1		18A	BIT D SWT ADR 4				
20158		XA215	30		XA120	75				168	9	P	MUA4BA	06	MDA4AB	02	1	TQ2	C2		15A					
02436		XA120	75		XA118	68				168	9		MDA4AB	07				SWT	Z5							
****												SIGNAL	(MDA4AB)	IS ON THE NEXT PAGE												****

DRAWING NUMBER 149304-800 STRING UNIT ASSEMBLY NO. 149304 REV G INDEX MDA4AB  
 UNIT ASSEMBLY NAME CARD CAGE WIRED, MCU FILE IDENT T39AMCMU DATE 09-02-82 PAGE 80

RECORD NUMBER	FROM			TO			WIRE				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 FC	PREFIX	CONNECTOR	PIN	SH FC	MULTI GROUP	CODE											
02269		XA118	68		XA116	75				16B	9		MDA4AB	08		SWT	Z5				
02113		XA116	75		XA114	68				16B	9		MDA4AB	09		SWT	Z5				
01944		XA114	68		XA110	57				16B	9		MDA4AB	10		SWT	Z5				
01612		XA110	57		XA112	57				16B	9		MDA4AB	11		SWT	Z4				
01772		XA112	57		XA114	57				16B	9		MDA4AB	12		SWT	Z4				
01933		XA114	57		XA116	57				16B	9		MDA4AB	13		SWT	Z4				
02095		XA116	57		XA118	57				16B	9		MDA4AB	14		SWT	Z4				
02258		XA118	57		XA120	57				16B	9		MDA4AB	15		SWT	Z4				
02418		XA120	57		XA121	19				16B	9		MDA4AB	16		SWT	Z4				
02460		XA121	19		XA119	19				16B	9		MDA4AB	17		SWT	Z2				
02300		XA119	19		XA117	19				16B	9		MDA4AB	18		SWT	Z2				
02138		XA117	19		XA115	19				16B	9		MDA4AB	19		SWT	Z2				
01976		XA115	19		XA113	19				16B	9		MDA4AB	20		SWT	Z2				
01814		XA113	19		XA111	19				16B	9		MDA4AB	21		SWT	Z2				
01654		XA111	19										MDA4AB	22		SWT	Z2				
11217		XA416	57		XA418	57				16B	9		MDA4BB	01		SWT	Z4				
11377		XA418	57		XA420	38				16B	9		MDA4BB	02		SWT	Z4				
20161		XA420	38		XA420	30				16B	9	P	MUA4CA	03	MDA4BB	01	1	TQ2	C1	18A	BIT D SWT ADR 4
20160		XA420	30		XA419	19				16B	9	P	MUA4DA	04	MDA4BB	02	1	TQ2	C2	15A	
11419		XA419	19		XA417	19				16B	9		MDA4BB	05		SWT	Z2				
11259		XA417	19		XA313	75				16B	9		MDA4BB	06		SWT	Z2				
08401		XA313	75		XA311	68				16B	9		MDA4BB	07		SWT	Z5				
08234		XA311	68		XA313	57				16B	9		MDA4BB	08		SWT	Z5				
08383		XA313	57		XA311	57				16B	9		MDA4BB	09		SWT	Z4				
08223		XA311	57		XA309	57				16B	9		MDA4BB	10		SWT	Z4				
08059		XA309	57		XA307	57				16B	9		MDA4BB	11		SWT	Z4				
07899		XA307	57		XA308	19				16B	9		MDA4BB	12		SWT	Z4				
07941		XA308	19		XA310	19				16B	9		MDA4BB	13		SWT	Z2				
08102		XA310	19		XA312	19				16B	9		MDA4BB	14		SWT	Z2				
08265		XA312	19		XA314	19				16B	9		MDA4BB	15		SWT	Z2				
08426		XA314	19		XA209	75				16B	9		MDA4BB	16		SWT	Z2				
05604		XA209	75		XA211	57				16B	9		MDA4BB	17		SWT	Z5				
05749		XA211	57		XA210	54				16B	9		MDA4BB	18		SWT	Z4				
05665		XA210	54		XA213	57				16B	9		MDA4BB	19		SWT	Z4				
05910		XA213	57		XA212	19				16B	9		MDA4BB	20		SWT	Z4				
05792		XA212	19		XA214	19				16B	9		MDA4BB	21		SWT	Z2				
05953		XA214	19										MDA4BB	22		SWT	Z2				
13939		XA507	68		XA509	75				16B	9		MDA4CB	01		SWT	Z5				
14108		XA509	75		XA515	66				16B	9		MDA4CB	02		SWT	Z5				
20163		XA515	66		XA515	60				16B	9	P	MUA4EA	03	MDA4CB	01	1	TQ2	E1	31A	BIT D SWT ADR 4
20162		XA515	60		XA513	57				16B	9	P	MUA4FA	04	MDA4CB	02	1	TQ2	E2	28A	
14412		XA513	57		XA511	57				16B	9		MDA4CB	05		SWT	Z4				
14251		XA511	57		XA509	57				16B	9		MDA4CB	06		SWT	Z4				
14090		XA509	57		XA507	57				16B	9		MDA4CB	07		SWT	Z4				
13928		XA507	57		XA505	57				16B	9		MDA4CB	08		SWT	Z4				
13768		XA505	57		XA503	57				16B	9		MDA4CB	09		SWT	Z4				
13600		XA503	57		XA504	19				16B	9		MDA4CB	10		SWT	Z4				
13645		XA504	19		XA506	19				16B	9		MDA4CB	11		SWT	Z2				

\*\*\* SIGNAL (MDA4CB) IS ON THE NEXT PAGE \*\*\*

DRAWING NUMBER 149304-800 STRING UNIT ASSEMBLY NO. 149304 REV G INDEX MDA4CB  
 UNIT ASSEMBLY NAME CARD CAGE WIRED, MCU FILE IDENT T39AMCMU DATE 09-02-82 PAGE 81

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	DR FC	PREFIX	CONNECTOR	PIN	DR FC	MULTI GROUP	CODE	COLOR									IDENT	AND		
13810		XA506	19			XA508	19			16B	9		MDA4CB	12			SWT	Z2					
13970		XA508	19			XA510	19			16B	9		MDA4CB	13			SWT	Z2					
14133		XA510	19			XA512	19			16B	9		MDA4CB	14			SWT	Z2					
14293		XA512	19			XA514	19			16B	9		MDA4CB	15			SWT	Z2					
14455		XA514	19			XA418	75			16B	9		MDA4CB	16			SWT	Z2					
11395		XA418	75			XA416	68			16B	9		MDA4CB	17			SWT	Z5					
11228		XA416	68			XA414	75			16B	9		MDA4CB	18			SWT	Z5					
11074		XA414	75			XA412	68			16B	9		MDA4CB	19			SWT	Z5					
10903		XA412	68			XA414	57			16B	9		MDA4CB	20			SWT	Z5					
11056		XA414	57			XA412	57			16B	9		MDA4CB	21			SWT	Z4					
10892		XA412	57			XA410	57			16B	9		MDA4CB	22			SWT	Z4					
10732		XA410	57			XA408	57			16B	9		MDA4CB	23			SWT	Z4					
10572		XA408	57			XA409	19			16B	9		MDA4CB	24			SWT	Z4					
10614		XA409	19			XA411	19			16B	9		MDA4CB	25			SWT	Z2					
10774		XA411	19			XA413	19			16B	9		MDA4CB	26			SWT	Z2					
10935		XA413	19			XA415	19			16B	9		MDA4CB	27			SWT	Z2					
11098		XA415	19										MDA4CB	28			SWT	Z2					
02461		XA121	20			XA119	20			16B	9		MDA5AB	01			SWT	Z2					
02301		XA119	20			XA117	20			16B	9		MDA5AB	02			SWT	Z2					
02139		XA117	20			XA115	20			16B	9		MDA5AB	03			SWT	Z2					
01977		XA115	20			XA113	20			16B	9		MDA5AB	04			SWT	Z2					
01815		XA113	20			XA111	20			16B	9		MDA5AB	05			SWT	Z2					
01655		XA111	20			XA110	62			16B	9		MDA5AB	06			SWT	Z2					
01617		XA110	62			XA112	62			16B	9		MDA5AB	07			SWT	Z4					
01777		XA112	62			XA114	72			16B	9		MDA5AB	08			SWT	Z4					
01948		XA114	72			XA114	62			16B	9		MDA5AB	09			SWT	Z5					
01938		XA114	62			XA116	62			16B	9		MDA5AB	10			SWT	Z4					
02100		XA116	62			XA116	78			16B	9		MDA5AB	11			SWT	Z4					
02116		XA116	78			XA118	72			16B	9		MDA5AB	12			SWT	Z5					
02273		XA118	72			XA118	62			16B	9		MDA5AB	13			SWT	Z5					
02263		XA118	62			XA120	62			16B	9		MDA5AB	14			SWT	Z4					
02423		XA120	62			XA120	78			16B	9		MDA5AB	15			SWT	Z4					
02439		XA120	78			XA215	33			16B	9		MDA5AB	16			SWT	Z5					
20164		XA215	33			XA215	39			16B	9	P	MUA5AA	17	MDA5AB	01	1	TQ2	C3		16B	BIT D SWT ADR 5	
20165		XA215	39			XA209	20			16B	9	P	MUA5BA	18	MDA5AB	02	1	TQ2	C4		19B		
05549		XA209	20			XA207	20			16B	9		MDA5AB	19			SWT	Z2					
05387		XA207	20			XA208	62			16B	9		MDA5AB	20			SWT	Z2					
05511		XA208	62			XA206	62			16B	9		MDA5AB	21			SWT	Z4					
05348		XA206	62										MDA5AB	22			SWT	Z4					
05793		XA212	20			XA214	20			16B	9		MDA5BB	01			SWT	Z2					
05954		XA214	20			XA213	62			16B	9		MDA5BB	02			SWT	Z2					
05915		XA213	62			XA211	62			16B	9		MDA5BB	03			SWT	Z4					
05754		XA211	62			XA210	60			16B	9		MDA5BB	04			SWT	Z4					
05671		XA210	60			XA209	78			16B	9		MDA5BB	05			SWT	Z4					
05607		XA209	78			XA314	20			16B	9		MDA5BB	06			SWT	Z5					
08427		XA314	20			XA312	20			16B	9		MDA5BB	07			SWT	Z2					
08266		XA312	20			XA310	20			16B	9		MDA5BB	08			SWT	Z2					
08103		XA310	20			XA308	20			16B	9		MDA5BB	09			SWT	Z2					
										***		SIGNAL	(MDA5BB)				IS ON THE	NEXT PAGE	****				

DRAWING NUMBER 149304-800 STRING UNIT ASSEMBLY NO. 149304 REV G INDEX MDA2AB  
 UNIT ASSEMBLY NAME CARD CAGE WIRED, MCU FILE IDENT T39AMCMU DATE 09-02-82 PAGE 77

RECORD NUMBER	FROM			TO			WIRE				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 PC	PREFIX	CONNECTOR	PIN	SH PC	MULTI GROUP	CODE										
07942		XA308	20		XA307	62			16B	9		MDA5BB	10		SWT	Z2				
07904		XA307	62		XA309	62			16B	9		MDA5BB	11		SWT	Z4				
08064		XA309	62		XA311	72			16B	9		MDA5BB	12		SWT	Z4				
08238		XA311	72		XA311	62			16B	9		MDA5BB	13		SWT	Z5				
08228		XA311	62		XA313	62			16B	9		MDA5BB	14		SWT	Z4				
08388		XA313	62		XA313	78			16B	9		MDA5BB	15		SWT	Z4				
08404		XA313	78		XA417	20			16B	9		MDA5BB	16		SWT	Z5				
11260		XA417	20		XA419	20			16B	9		MDA5BB	17		SWT	Z2				
11420		XA419	20		XA420	33			16B	9		MDA5BB	18		SWT	Z2				
20166		XA420	33		XA420	39			16B	9	P	MUA5CA	19	MDA5BB	01	1	TQ2	C3	16B	BIT D SWT ADR 5
20167		XA420	39		XA418	62			16B	9	P	MUA5DA	20	MDA5BB	02	1	TQ2	C4	19B	
11382		XA418	62		XA416	62			16B	9		MDA5BB	21		SWT	Z4				
11222		XA416	62									MDA5BB	22		SWT	Z4				
13605		XA503	62		XA505	62			16B	9		MDA5CB	01		SWT	Z4				
13773		XA505	62		XA507	62			16B	9		MDA5CB	02		SWT	Z4				
13933		XA507	62		XA507	72			16B	9		MDA5CB	03		SWT	Z4				
13943		XA507	72		XA509	62			16B	9		MDA5CB	04		SWT	Z5				
14095		XA509	62		XA509	78			16B	9		MDA5CB	05		SWT	Z4				
14111		XA509	78		XA511	62			16B	9		MDA5CB	051		SWT	Z5				
14256		XA511	62		XA513	62			16B	9		MDA5CB	06		SWT	Z4				
14417		XA513	62		XA515	63			16B	9		MDA5CB	07		SWT	Z4				
20169		XA515	63		XA515	57			16B	9	P	MUA5FA	08	MDA5CB	02	1	TQ2	E4	33B	
20168		XA515	57		XA514	20			16B	9	P	MUA5EA	09	MDA5CB	01	1	TQ2	E3	30B	BIT D SWT ADR 5
14456		XA514	20		XA512	20			16B	9		MDA5CB	10		SWT	Z2				
14294		XA512	20		XA510	20			16B	9		MDA5CB	11		SWT	Z2				
14134		XA510	20		XA508	20			16B	9		MDA5CB	12		SWT	Z2				
13971		XA508	20		XA506	20			16B	9		MDA5CB	13		SWT	Z2				
13811		XA506	20		XA504	20			16B	9		MDA5CB	14		SWT	Z2				
13646		XA504	20		XA408	62			16B	9		MDA5CB	15		SWT	Z2				
10577		XA408	62		XA410	62			16B	9		MDA5CB	16		SWT	Z4				
10737		XA410	62		XA412	62			16B	9		MDA5CB	17		SWT	Z4				
10897		XA412	62		XA412	72			16B	9		MDA5CB	18		SWT	Z4				
10907		XA412	72		XA414	78			16B	9		MDA5CB	19		SWT	Z5				
11077		XA414	78		XA414	62			16B	9		MDA5CB	20		SWT	Z5				
11061		XA414	62		XA416	72			16B	9		MDA5CB	21		SWT	Z4				
11232		XA416	72		XA418	78			16B	9		MDA5CB	22		SWT	Z5				
11398		XA418	78		XA415	20			16B	9		MDA5CB	23		SWT	Z5				
11099		XA415	20		XA413	20			16B	9		MDA5CB	24		SWT	Z2				
10936		XA413	20		XA411	20			16B	9		MDA5CB	25		SWT	Z2				
10775		XA411	20		XA409	20			16B	9		MDA5CB	26		SWT	Z2				
10615		XA409	20									MDA5CB	27		SWT	Z2				
20170		XA215	46		XA215	52			16B	9	P	MUA6BA	01	MDA6AB	02	1	TQ2	D2	21A	
20171		XA215	52		XA208	54			16B	9	P	MUA6AA	02	MDA6AB	01	1	TQ2	D1	24A	BIT D SWT ADR 6
05503		XA208	54		XA206	54			16B	9		MDA6AB	03		SWT	Z4				
05340		XA206	54		XA207	27			16B	9		MDA6AB	04		SWT	Z4				
05394		XA207	27		XA209	27			16B	9		MDA6AB	05		SWT	Z2				
05556		XA209	27		XA114	75			16B	9		MDA6AB	06		SWT	Z2				
01951		XA114	75		XA116	68			16B	9		MDA6AB	07		SWT	Z5				

\*\*\*\* SIGNAL (MDA6AB) IS ON THE NEXT PAGE \*\*\*\*

DRAWING NUMBER 149304-800 STRING UNIT ASSEMBLY NO.149304 REV G INDEX MDA6AB  
 UNIT ASSEMBLY NAME CARD CAGE WIRED, MCU FILE IDENT T39AMCMU DATE 09-02-82 PAGE 83

02106	XA116	68	XA118	75	168	9	MDA6AB	08					SWT	25					
02276	XA118	75	XA120	68	168	9	MDA6AB	09					SWT	25					
02429	XA120	68	XA118	54	168	9	MDA6AB	10					SWT	25					
02415	XA120	54	XA116	54	168	9	MDA6AB	11					SWT	24					
02255	XA118	54	XA114	54	168	9	MDA6AB	12					SWT	24					
02092	XA116	54	XA112	54	168	9	MDA6AB	13					SWT	24					
01930	XA114	54	XA110	54	168	9	MDA6AB	14					SWT	24					
01769	XA112	54	XA111	27	168	9	MDA6AB	15					SWT	24					
01609	XA110	54	XA113	27	168	9	MDA6AB	16					SWT	24					
01662	XA111	27	XA115	27	168	9	MDA6AB	17					SWT	22					
01822	XA113	27	XA117	27	168	9	MDA6AB	18					SWT	22					
01984	XA115	27	XA119	27	168	9	MDA6AB	19					SWT	22					
02146	XA117	27	XA121	27	168	9	MDA6AB	20					SWT	22					
02308	XA119	27					MDA6AB	21					SWT	22					
02468	XA121	27					MDA6AB	22					SWT	22					
20172	XA420	46	XA420	52	168	9	MUA6DA	01	MDA6BB	02	1	TQ2	D2		21A				
20173	XA420	52	XA416	54	168	9	MUA6CA	02	MDA6BB	01	1	TQ2	D1		24A		RIT D SWT ADR 6		
11214	XA416	54	XA418	54	168	9	MDA6BB	03					SWT	24					
11374	XA418	54	XA419	27	168	9	MDA6BB	04					SWT	24					
11427	XA419	27	XA417	27	168	9	MDA6BB	05					SWT	22					
11267	XA417	27	XA311	75	168	9	MDA6BB	06					SWT	22					
08241	XA311	75	XA313	68	168	9	MDA6BB	07					SWT	25					
08394	XA313	68	XA313	54	168	9	MDA6BB	08					SWT	25					
08380	XA313	54	XA311	54	168	9	MDA6BB	09					SWT	24					
08220	XA311	54	XA309	54	168	9	MDA6BB	10					SWT	24					
08056	XA309	54	XA308	27	168	9	MDA6BB	11					SWT	24					
07896	XA307	54	XA310	27	168	9	MDA6BB	12					SWT	24					
07949	XA308	27	XA312	27	168	9	MDA6BB	13					SWT	22					
08110	XA310	27	XA314	27	168	9	MDA6BB	14					SWT	22					
08273	XA312	27	XA209	68	168	9	MDA6BB	15					SWT	22					
08434	XA314	27	XA211	54	168	9	MDA6BB	16					SWT	22					
05597	XA209	68	XA213	54	168	9	MDA6BB	17					SWT	25					
05746	XA211	54	XA214	27	168	9	MDA6BB	18					SWT	24					
05907	XA213	54	XA212	27	168	9	MDA6BB	19					SWT	24					
05961	XA214	27	XA210	57	168	9	MDA6BB	20					SWT	22					
05800	XA212	27					MDA6BB	21					SWT	22					
05668	XA210	57					MDA6BB	22					SWT	24					
13946	XA507	75	XA509	68	168	9	MDA6CB	01					SWT	25					
14101	XA509	68	XA515	75	168	9	MDA6CB	02					SWT	25					
20175	XA515	75	XA513	54	168	9	MUA6EA	03	MDA6CB	01	1	TQ2	E1		37B		RIT D SWT ADR 6		
20174	XA515	72	XA511	54	168	9	MUA6FA	04	MDA6CB	02	1	TQ2	F2		34A				
14409	XA513	54	XA509	54	168	9	MDA6CB	05					SWT	24					
14248	XA511	54	XA507	54	168	9	MDA6CB	06					SWT	24					
14087	XA509	54	XA505	54	168	9	MDA6CB	07					SWT	24					
13925	XA507	54	XA503	54	168	9	MDA6CB	08					SWT	24					
13765	XA505	54	XA504	27	168	9	MDA6CB	09					SWT	24					
13597	XA503	54	XA506	27	168	9	MDA6CB	10					SWT	24					
13653	XA504	27					MDA6CB	11					SWT	22					
							****	SIGNAL	MDA6CB				IS ON THE NEXT PAGE	****					

DRAWING NUMBER 149304-800 STRING UNIT ASSEMBLY NO.149304 REV G INDEX MDA6CB  
 UNIT ASSEMBLY NAME CARD CAGE WIRED, MCU FILE IDENT T39AMCMU DATE 09-02-82 PAGE 84

13818	XA506	27	XA508	27	168	9	MDA6CB	12				SWT	Z2					
13978	XA508	27	XA510	27	168	9	MDA6CB	13				SWT	Z2					
14141	XA510	27	XA512	27	168	9	MDA6CB	14				SWT	Z2					
14301	XA512	27	XA514	27	168	9	MDA6CB	15				SWT	Z2					
14463	XA514	27	XA418	68	168	9	MDA6CB	16				SWT	Z2					
11388	XA418	68	XA414	68	168	9	MDA6CB	17				SWT	Z5					
11067	XA414	68	XA416	75	168	9	MDA6CB	18				SWT	Z5					
11235	XA416	75	XA412	75	168	9	MDA6CB	19				SWT	Z5					
10910	XA412	75	XA408	54	168	9	MDA6CB	20				SWT	Z5					
10569	XA408	54	XA410	54	168	9	MDA6CB	21				SWT	Z4					
10729	XA410	54	XA412	54	168	9	MDA6CB	22				SWT	Z4					
10889	XA412	54	XA414	54	168	9	MDA6CB	23				SWT	Z4					
11053	XA414	54	XA415	27	168	9	MDA6CB	24				SWT	Z4					
11106	XA415	27	XA413	27	168	9	MDA6CB	25				SWT	Z2					
10943	XA413	27	XA411	27	168	9	MDA6CB	26				SWT	Z2					
10782	XA411	27	XA409	27	168	9	MDA6CB	27				SWT	Z2					
10622	XA409	27					MDA6CB	28				SWT	Z2					
05551	XA209	22	XA207	22	168	9	MDA7AB	01				SWT	Z2					
05389	XA207	22	XA206	60	168	9	MDA7AB	02				SWT	Z2					
05346	XA206	60	XA208	60	168	9	MDA7AB	03				SWT	Z4					
05509	XA208	60	XA215	51	168	9	MDA7AB	04				SWT	Z4					
20177	XA215	51	XA215	45	168	9	MUA7BA	05	MDA7AB	02	1	TQ2	D4		27B			
20176	XA215	45	XA118	78	168	9	MUA7AA	06	MDA7AB	01	1	TQ2	D3		24B	BIT D SWT ADR 7		
02279	XA118	78	XA120	72	168	9	MDA7AB	07				SWT	Z5					
02433	XA120	72	XA120	60	168	9	MDA7AB	08				SWT	Z5					
02421	XA120	60	XA118	60	168	9	MDA7AB	09				SWT	Z4					
02261	XA118	60	XA116	60	168	9	MDA7AB	10				SWT	Z4					
02098	XA116	60	XA116	72	168	9	MDA7AB	11				SWT	Z4					
02110	XA116	72	XA114	78	168	9	MDA7AB	12				SWT	Z5					
01954	XA114	78	XA114	60	168	9	MDA7AB	13				SWT	Z5					
01936	XA114	60	XA112	60	168	9	MDA7AB	14				SWT	Z4					
01775	XA112	60	XA110	60	168	9	MDA7AB	15				SWT	Z4					
01615	XA110	60	XA111	22	168	9	MDA7AB	16				SWT	Z4					
01657	XA111	22	XA113	22	168	9	MDA7AB	17				SWT	Z2					
01817	XA113	22	XA115	22	168	9	MDA7AB	18				SWT	Z2					
01979	XA115	22	XA117	22	168	9	MDA7AB	19				SWT	Z2					
02141	XA117	22	XA119	22	168	9	MDA7AB	20				SWT	Z2					
02303	XA119	22	XA121	22	168	9	MDA7AB	21				SWT	Z2					
02463	XA121	22					MDA7AB	22				SWT	Z2					
11220	XA416	60	XA418	60	168	9	MDA7BB	01				SWT	Z4					
11380	XA418	60	XA420	51	168	9	MDA7BB	02				SWT	Z4					
20179	XA420	51	XA420	45	168	9	MUA7DA	03	MDA7BB	02	1	TQ2	D4		27B			
20178	XA420	45	XA419	22	168	9	MUA7CA	04	MDA7BB	01	1	TQ2	D3		24B	BIT D SWT ADR 7		
11422	XA419	22	XA417	22	168	9	MDA7BB	05				SWT	Z2					
11262	XA417	22	XA313	72	168	9	MDA7BB	06				SWT	Z2					
08398	XA313	72	XA311	78	168	9	MDA7BB	07				SWT	Z5					
08244	XA311	78	XA307	60	168	9	MDA7BB	08				SWT	Z5					
07902	XA307	60	XA309	60	168	9	MDA7BB	09				SWT	Z4					
							***	SIGNAL (MDA7BB)				IS ON THE	NEXT PAGE	****				



DRAWING NUMBER 149304-800 STRING UNIT ASSEMBLY NO.149304 REV G INDEX MDA7BB  
 UNIT ASSEMBLY NAME CARD CAGE WIRED, MCU FILE IDENT T39AMCMU DATE 09-02-82 PAGE 85

PLANE	AND	OR																		
08062	XA309	60	XA311	60	168	9	MDA7BB	10	SWT	Z4										
08226	XA311	60	XA313	60	168	9	MDA7BB	11	SWT	Z4										
08386	XA313	60	XA314	22	168	9	MDA7BB	12	SWT	Z4										
08429	XA314	22	XA312	22	168	9	MDA7BB	13	SWT	Z2										
08268	XA312	22	XA310	22	168	9	MDA7BB	14	SWT	Z2										
08105	XA310	22	XA308	22	168	9	MDA7BB	15	SWT	Z2										
07944	XA308	22	XA209	72	168	9	MDA7BB	16	SWT	Z2										
05601	XA209	72	XA210	62	168	9	MDA7BB	17	SWT	Z5										
05873	XA210	62	XA211	60	168	9	MDA7BB	17I	SWT	Z4										
05752	XA211	60	XA213	60	168	9	MDA7BB	18	SWT	Z4										
05913	XA213	60	XA214	22	168	9	MDA7BB	19	SWT	Z4										
05956	XA214	22	XA212	22	168	9	MDA7BB	20	SWT	Z2										
05795	XA212	22					MDA7BB	21	SWT	Z2										
10913	XA412	78	XA415	22	168	9	MDA7CB	00	SWT	Z5										
11101	XA415	22	XA413	22	168	9	MDA7CB	01	SWT	Z2										
10938	XA413	22	XA411	22	168	9	MDA7CB	02	SWT	Z2										
10777	XA411	22	XA409	22	168	9	MDA7CB	03	SWT	Z2										
10617	XA409	22	XA408	60	168	9	MDA7CB	04	SWT	Z2										
10575	XA408	60	XA410	60	168	9	MDA7CB	05	SWT	Z4										
10735	XA410	60	XA412	60	168	9	MDA7CB	06	SWT	Z4										
10895	XA412	60	XA414	60	168	9	MDA7CB	07	SWT	Z4										
11059	XA414	60	XA414	72	168	9	MDA7CB	08	SWT	Z4										
11071	XA414	72	XA418	72	168	9	MDA7CB	09	SWT	Z5										
11392	XA418	72	XA416	78	168	9	MDA7CB	10	SWT	Z5										
11238	XA416	78	XA514	22	168	9	MDA7CB	11	SWT	Z5										
14458	XA514	22	XA512	22	168	9	MDA7CB	12	SWT	Z2										
14296	XA512	22	XA510	22	168	9	MDA7CB	13	SWT	Z2										
14136	XA510	22	XA508	22	168	9	MDA7CB	14	SWT	Z2										
13973	XA508	22	XA506	22	168	9	MDA7CB	15	SWT	Z2										
13813	XA506	22	XA504	22	168	9	MDA7CB	16	SWT	Z2										
13648	XA504	22	XA503	60	168	9	MDA7CB	17	SWT	Z2										
13603	XA503	60	XA505	60	168	9	MDA7CB	18	SWT	Z4										
13771	XA505	60	XA507	60	168	9	MDA7CB	19	SWT	Z4										
13931	XA507	60	XA507	78	168	9	MDA7CB	20	SWT	Z4										
13949	XA507	78	XA509	72	168	9	MDA7CB	21	SWT	Z5										
14105	XA509	72	XA509	60	168	9	MDA7CB	22	SWT	Z5										
14093	XA509	60	XA511	60	168	9	MDA7CB	23	SWT	Z4										
14254	XA511	60	XA513	60	168	9	MDA7CB	24	SWT	Z4										
14415	XA513	60	XA515	69	168	9	MDA7CB	25	SWT	Z4										
20180	XA515	69	XA515	80	168	9	MUA7EA	26	MDA7CB	01	1	TQ2	F3				35A	BIT D SWT ADR 7		
20181	XA515	80					MUA7EA	27	MDA7CB	02	1	TQ2	F4				39A			
20183	XA215	66	XA215	60	168	9	MUB0AA	01	MDBOAB	01	1	TQ2	E1				31A	BIT B SWT ADR 0		
20182	XA215	60	XA206	03	168	9	MUB0BA	02	MDBOAB	02	1	TQ2	E2				28A			
05287	XA206	03	XA207	07	168	9	MDBOAB	03				SWT	Z1							
05373	XA207	07	XA208	03	168	9	MDBOAB	04				SWT	Z1							
05451	XA208	03	XA209	07	168	9	MDBOAB	05				SWT	Z1							
05536	XA209	07	XA113	75	168	9	MDBOAB	06				SWT	Z1							
01870	XA113	75	XA111	68	168	9	MDBOAB	07				SWT	Z5							
							****	SIGNAL	MDBOAB			IS ON THE	NEXT PAGE	****						



DRAWING NUMBER 149304-800 STRING UNIT ASSEMBLY NO.149304 REV G INDEX MDBOAB  
 UNIT ASSEMBLY NAME CARD CAGE WIRED, MCU FILE IDENT T39AMCMU DATE 09-02-82 PAGE 86

01703	XA111	68	XA111	07	168	9	MDBOAB	08	SWT	Z5											
01642	XA111	07	XA110	03	168	9	MDBOAB	09	SWT	Z1											
01556	XA110	03	XA112	03	168	9	MDBOAB	10	SWT	Z1											
01718	XA112	03	XA113	07	168	9	MDBOAB	11	SWT	Z1											
01802	XA113	07	XA114	03	168	9	MDBOAB	12	SWT	Z1											
01878	XA114	03	XA115	07	168	9	MDBOAB	13	SWT	Z1											
01963	XA115	07	XA116	03	168	9	MDBOAB	14	SWT	Z1											
02041	XA116	03	XA117	07	168	9	MDBOAB	15	SWT	Z1											
02125	XA117	07	XA118	03	168	9	MDBOAB	16	SWT	Z1											
02203	XA118	03	XA119	07	168	9	MDBOAB	17	SWT	Z1											
02288	XA119	07	XA120	03	168	9	MDBOAB	18	SWT	Z1											
02364	XA120	03	XA121	07	168	9	MDBOAB	19	SWT	Z1											
02448	XA121	07					MDBOAB	20	SWT	Z1											
20185	XA420	66	XA420	60	168	9	P MUBOCA	01	MDBOBB	01 1	TQ2	E1		31A	BIT B	SWT	ADR	O			
20184	XA420	60	XA419	07	168	9	P MUBODA	02	MDBOBB	02 1	TQ2	E2		28A							
11407	XA419	07	XA418	03	168	9	MDBOBB	03				SWT	Z1								
11323	XA418	03	XA417	07	168	9	MDBOBB	04				SWT	Z1								
11247	XA417	07	XA416	03	168	9	MDBOBB	05				SWT	Z1								
11163	XA416	03	XA310	75	168	9	MDBOBB	06				SWT	Z1								
08159	XA310	75	XA308	68	168	9	MDBOBB	07				SWT	Z5								
07990	XA308	68	XA208	75	168	9	MDBOBB	08				SWT	Z5								
05524	XA208	75	XA307	03	168	9	MDBOBB	09				SWT	Z5								
07843	XA307	03	XA308	07	168	9	MDBOBB	10				SWT	Z1								
07929	XA308	07	XA309	03	168	9	MDBOBB	11				SWT	Z1								
08005	XA309	03	XA310	07	168	9	MDBOBB	12				SWT	Z1								
08089	XA310	07	XA311	03	168	9	MDBOBB	13				SWT	Z1								
08167	XA311	03	XA312	07	168	9	MDBOBB	14				SWT	Z1								
08253	XA312	07	XA313	03	168	9	MDBOBB	15				SWT	Z1								
08329	XA313	03	XA314	07	168	9	MDBOBB	16				SWT	Z1								
08413	XA314	07	XA214	75	168	9	MDBOBB	17				SWT	Z1								
06010	XA214	75	XA212	68	168	9	MDBOBB	18				SWT	Z5								
05841	XA212	68	XA214	07	168	9	MDBOBB	19				SWT	Z5								
05940	XA214	07	XA213	03	168	9	MDBOBB	20				SWT	Z1								
05856	XA213	03	XA212	07	168	9	MDBOBB	21				SWT	Z1								
05779	XA212	07	XA211	03	168	9	MDBOBB	22				SWT	Z1								
05694	XA211	03	XA210	03	168	9	MDBOBB	23				SWT	Z1								
05612	XA210	03					MDBOBB	24				SWT	Z1								
11086	XA415	07	XA414	03	168	9	MDBOBB	01				SWT	Z1								
11000	XA414	03	XA413	07	168	9	MDBOBB	02				SWT	Z1								
10922	XA413	07	XA412	03	168	9	MDBOBB	03				SWT	Z1								
10838	XA412	03	XA411	07	168	9	MDBOBB	04				SWT	Z1								
10762	XA411	07	XA410	03	168	9	MDBOBB	05				SWT	Z1								
10678	XA410	03	XA409	07	168	9	MDBOBB	06				SWT	Z1								
10602	XA409	07	XA408	03	168	9	MDBOBB	07				SWT	Z1								
10516	XA408	03	XA409	68	168	9	MDBOBB	08				SWT	Z1								
10663	XA409	68	XA411	75	168	9	MDBOBB	09				SWT	Z5								
10830	XA411	75	XA509	03	168	9	MDBOBB	10				SWT	Z5								
14034	XA509	03	XA510	07	168	9	MDBOBB	11				SWT	Z1								
							****	SIGNAL	(MDBOBB)		IS ON THE	NEXT PAGE	****								

DRAWING NUMBER 149304-800 STRING UNIT ASSEMBLY NO.149304 REV G INDEX MDBOCB  
 UNIT ASSEMBLY NAME CARD CAGE WIRED, MCU FILE IDENT T39AMCMU DATE 09-02-82 PAGE 87

14120	XA510	07	XA511	03	168	9	MDBOCB	12	SWT	Z1										
14197	XA511	03	XA512	07	168	9	MDBOCB	13	SWT	Z1										
14281	XA512	07	XA512	68	168	9	MDBOCB	14	SWT	Z1										
14342	XA512	68	XA513	03	168	9	MDBOCB	141	SWT	Z5										
14357	XA513	03	XA514	07	168	9	MDBOCB	15	SWT	Z1										
14442	XA514	07	XA516	06	168	9	MDBOCB	16	SWT	Z1										
20187	XA516	06	XA516	01	168	9	MUBOEA	17	MDBOCB	01	1	TQ2	A1	05A	BIT B	SWT	ADR	0		
20186	XA516	01	XA508	07	168	9	MUBOFA	18	MDBOCB	02	1	TQ2	A2	02B						
13958	XA508	07	XA507	03	168	9	MDBOCB	19	SWT	Z1										
13874	XA507	03	XA506	07	168	9	MDBOCB	20	SWT	Z1										
13798	XA506	07	XA505	03	168	9	MDBOCB	21	SWT	Z1										
13714	XA505	03	XA504	07	168	9	MDBOCB	22	SWT	Z1										
13631	XA504	07	XA503	03	168	9	MDBOCB	23	SWT	Z1										
13542	XA503	03	XA504	68	168	9	MDBOCB	24	SWT	Z1										
13699	XA504	68	XA506	75	168	9	MDBOCB	25	SWT	Z5										
13866	XA506	75	XA514	75	168	9	MDBOCB	26	SWT	Z5										
14512	XA514	75					MDBOCB	27	SWT	Z5										
01545	XA111	10	XA110	04	168	9	MDB1AB	01	SWT	Z1										
01557	XA110	04	XA112	04	168	9	MDB1AB	02	SWT	Z1										
01719	XA112	04	XA114	04	168	9	MDB1AB	03	SWT	Z1										
01879	XA114	04	XA116	04	168	9	MDB1AB	04	SWT	Z1										
02042	XA116	04	XA119	10	168	9	MDB1AB	05	SWT	Z1										
02291	XA119	10	XA121	10	168	9	MDB1AB	06	SWT	Z1										
02451	XA121	10	XA120	04	168	9	MDB1AB	07	SWT	Z1										
02365	XA120	04	XA118	04	168	9	MDB1AB	08	SWT	Z1										
02204	XA118	04	XA117	10	168	9	MDB1AB	09	SWT	Z1										
02128	XA117	10	XA115	10	168	9	MDB1AB	10	SWT	Z1										
01966	XA115	10	XA113	10	168	9	MDB1AB	11	SWT	Z1										
01805	XA113	10	XA113	78	168	9	MDB1AB	12	SWT	Z1										
01873	XA113	78	XA111	72	168	9	MDB1AB	13	SWT	Z5										
01707	XA111	72	XA206	04	168	9	MDB1AB	14	SWT	Z5										
05288	XA206	04	XA207	10	168	9	MDB1AB	15	SWT	Z1										
05376	XA207	10	XA208	04	168	9	MDB1AB	16	SWT	Z1										
05452	XA208	04	XA209	10	168	9	MDB1AB	17	SWT	Z1										
05539	XA209	10	XA215	57	168	9	MDB1AB	18	SWT	Z1										
20188	XA215	57	XA215	63	168	9	MUB1AA	19	MDB1AB	01	1	TQ2	E3	30B	BIT B	SWT	ADR	1		
20189	XA215	63					MUB1BA	20	MDB1AB	02	1	TQ2	E4	33B						
05782	XA212	10	XA214	10	168	9	MDB1BB	01	SWT	Z1										
05943	XA214	10	XA213	04	168	9	MDB1BB	02	SWT	Z1										
05857	XA213	04	XA211	04	168	9	MDB1BB	03	SWT	Z1										
05695	XA211	04	XA210	04	168	9	MDB1BB	04	SWT	Z1										
05613	XA210	04	XA312	10	168	9	MDB1BB	05	SWT	Z1										
08256	XA312	10	XA313	04	168	9	MDB1BB	06	SWT	Z1										
08330	XA313	04	XA314	10	168	9	MDB1BB	07	SWT	Z1										
08416	XA314	10	XA214	78	168	9	MDB1BB	08	SWT	Z1										
06013	XA214	78	XA212	72	168	9	MDB1BB	09	SWT	Z5										
05845	XA212	72	XA208	78	168	9	MDB1BB	10	SWT	Z5										
05527	XA208	78	XA307	04	168	9	MDB1BB	11	SWT	Z5										
							****	SIGNAL	(MDB1BB)											IS ON THE NEXT PAGE ****

DRAWING NUMBER 149304-800 STRING UNIT ASSEMBLY NO.149304 REV G INDEX MDB1BB  
 UNIT ASSEMBLY NAME CARD CAGE WIRED, MCU FILE IDENT T39AMCMU DATE 09-02-82 PAGE 88

07844	XA307	04	XA309	04	168	9		MDB1BB	12				SWT	Z1			
08006	XA309	04	XA311	04	168	9		MDB1BB	13				SWT	Z1			
08168	XA311	04	XA310	10	168	9		MDB1BB	14				SWT	Z1			
08092	XA310	10	XA308	10	168	9		MDB1BB	15				SWT	Z1			
07932	XA308	10	XA308	72	168	9		MDB1BB	16				SWT	Z1			
07994	XA308	72	XA310	78	168	9		MDB1BB	17				SWT	Z5			
08162	XA310	78	XA416	04	168	9		MDB1BB	18				SWT	Z5			
11164	XA416	04	XA417	10	168	9		MDB1BB	19				SWT	Z1			
11250	XA417	10	XA418	04	168	9		MDB1BB	20				SWT	Z1			
11324	XA418	04	XA419	10	168	9		MDB1BB	21				SWT	Z1			
11410	XA419	10	XA420	57	168	9		MDB1BB	22				SWT	Z1			
20190	XA420	57	XA420	63	168	9	P	MUB1CA	23	MDB1BB	01	1	TQ2	E3		30B	BIT B SWT ADR 1
20191	XA420	63					P	MUB1DA	24	MDB1BB	02	1	TQ2	E4		33B	
13703	XA504	72	XA506	78	168	9		MDB1CB	01				SWT	Z5			
13869	XA506	78	XA512	72	168	9		MDB1CB	02				SWT	Z5			
14346	XA512	72	XA514	78	168	9		MDB1CB	03				SWT	Z5			
14515	XA514	78	XA516	15	168	9		MDB1CB	04				SWT	Z5			
20193	XA516	15	XA516	09	168	9	P	MUB1FA	05	MDB1CB	02	1	TQ2	A4		07B	
20192	XA516	09	XA514	10	168	9	P	MUB1EA	06	MDB1CB	01	1	TQ2	A3		04B	BIT B SWT ADR 1
14445	XA514	10	XA513	04	168	9		MDB1CB	07				SWT	Z1			
14358	XA513	04	XA512	10	168	9		MDB1CB	08				SWT	Z1			
14284	XA512	10	XA510	10	168	9		MDB1CB	09				SWT	Z1			
14123	XA510	10	XA511	04	168	9		MDB1CB	10				SWT	Z1			
14198	XA511	04	XA503	04	168	9		MDB1CB	11				SWT	Z1			
13543	XA503	04	XA504	10	168	9		MDB1CB	12				SWT	Z1			
13634	XA504	10	XA505	04	168	9		MDB1CB	13				SWT	Z1			
13715	XA505	04	XA507	04	168	9		MDB1CB	14				SWT	Z1			
13875	XA507	04	XA506	10	168	9		MDB1CB	15				SWT	Z1			
13801	XA506	10	XA508	10	168	9		MDB1CB	16				SWT	Z1			
13961	XA508	10	XA509	04	168	9		MDB1CB	17				SWT	Z1			
14035	XA509	04	XA411	78	168	9		MDB1CB	18				SWT	Z1			
10833	XA411	78	XA409	72	168	9		MDB1CB	19				SWT	Z5			
10667	XA409	72	XA409	10	168	9		MDB1CB	20				SWT	Z5			
10605	XA409	10	XA408	04	168	9		MDB1CB	21				SWT	Z1			
10517	XA408	04	XA410	04	168	9		MDB1CB	22				SWT	Z1			
10679	XA410	04	XA412	04	168	9		MDB1CB	23				SWT	Z1			
10839	XA412	04	XA414	04	168	9		MDB1CB	24				SWT	Z1			
11001	XA414	04	XA415	10	168	9		MDB1CB	25				SWT	Z1			
11089	XA415	10	XA413	10	168	9		MDB1CB	26				SWT	Z1			
10925	XA413	10	XA411	10	168	9		MDB1CB	27				SWT	Z1			
10765	XA411	10						MDB1CB	28				SWT	Z1			
20194	XA215	72	XA215	75	168	9	P	MUB2BA	01	MDB2AB	02	1	TQ2	E2		34A	
20195	XA215	75	XA206	07	168	9	P	MUB2AA	02	MDB2AB	01	1	TQ2	F1		37B	BIT B SWT ADR 2
05291	XA206	07	XA207	03	168	9		MDB2AB	03				SWT	Z1			
05369	XA207	03	XA208	07	168	9		MDB2AB	04				SWT	Z1			
05455	XA208	07	XA209	03	168	9		MDB2AB	05				SWT	Z1			
05532	XA209	03	XA111	75	168	9		MDB2AB	06				SWT	Z1			
01710	XA111	75	XA113	68	168	9		MDB2AB	07				SWT	Z5			

\*\*\*\* SIGNAL (MDB2AB) IS ON THE NEXT PAGE \*\*\*\*

DRAWING NUMBER 149304-800 STRING UNIT ASSEMBLY NO.149304 REV G INDEX MDB2AB  
 UNIT ASSEMBLY NAME CARD CAGE WIRED, MCU FILE IDENT T39AMCMU DATE 09-02-82 PAGE 89

QTY	DESCRIPTION	REF. DESIG.	QTY	DESCRIPTION	REF. DESIG.	QTY	DESCRIPTION	REF. DESIG.	QTY	DESCRIPTION	REF. DESIG.	QTY	DESCRIPTION	REF. DESIG.	QTY	DESCRIPTION	REF. DESIG.	QTY	DESCRIPTION	REF. DESIG.	QTY	DESCRIPTION	REF. DESIG.
01863	XA113	68		XA114	07		168	9		MDB2AB	08			SWT	Z1								
01882	XA114	07		XA113	03		168	9		MDB2AB	09			SWT	Z1								
01798	XA113	03		XA112	07		168	9		MDB2AB	10			SWT	Z1								
01722	XA112	07		XA111	03		168	9		MDB2AB	11			SWT	Z1								
01638	XA111	03		XA110	07		168	9		MDB2AB	12			SWT	Z1								
01560	XA110	07		XA115	03		168	9		MDB2AB	13			SWT	Z1								
01959	XA115	03		XA116	07		168	9		MDB2AB	14			SWT	Z1								
02045	XA116	07		XA117	03		168	9		MDB2AB	15			SWT	Z1								
02121	XA117	03		XA118	07		168	9		MDB2AB	16			SWT	Z1								
02207	XA118	07		XA119	03		168	9		MDB2AB	17			SWT	Z1								
02284	XA119	03		XA120	07		168	9		MDB2AB	18			SWT	Z1								
02368	XA120	07		XA121	03		168	9		MDB2AB	19			SWT	Z1								
02444	XA121	03								MDB2AB	20			SWT	Z1								
20196	XA420	72		XA420	75		168	9		MDB2CA	01												
20197	XA420	75		XA419	03		168	9	P	MDB2CA	02		MDB2BB	02	1	TQ2	F2			34A			
11403	XA419	03		XA418	07		168	9		MDB2BB	03		MDB2BB	01	1	TQ2	F1			37B			
11327	XA418	07		XA417	03		168	9		MDB2BB	04					SWT	Z1				RIT B SWT ADR 2		
11243	XA417	03		XA416	07		168	9		MDB2BB	05					SWT	Z1						
11167	XA416	07		XA310	68		168	9		MDB2BB	06					SWT	Z1						
08152	XA310	68		XA307	07		168	9		MDB2BB	07					SWT	Z1						
07847	XA307	07		XA308	03		168	9		MDB2BB	08					SWT	Z1						
07925	XA308	03		XA309	07		168	9		MDB2BB	09					SWT	Z1						
08009	XA309	07		XA310	03		168	9		MDB2BB	10					SWT	Z1						
08085	XA310	03		XA311	07		168	9		MDB2BB	11					SWT	Z1						
08171	XA311	07		XA312	03		168	9		MDB2BB	12					SWT	Z1						
08249	XA312	03		XA313	07		168	9		MDB2BB	13					SWT	Z1						
08333	XA313	07		XA314	03		168	9		MDB2BB	14					SWT	Z1						
08409	XA314	03		XA212	75		168	9		MDB2BB	15					SWT	Z1						
05848	XA212	75		XA214	68		168	9		MDB2BB	16					SWT	Z1						
06003	XA214	68		XA208	68		168	9		MDB2BB	17					SWT	Z1						
05517	XA208	68		XA210	07		168	9		MDB2BB	18					SWT	Z1						
05616	XA210	07		XA211	07		168	9		MDB2BB	19					SWT	Z1						
05698	XA211	07		XA212	03		168	9		MDB2BB	20					SWT	Z1						
05775	XA212	03		XA213	07		168	9		MDB2BB	21					SWT	Z1						
05860	XA213	07		XA214	03		168	9		MDB2BB	22					SWT	Z1						
05936	XA214	03								MDB2BB	23					SWT	Z1						
07997	XA308	75		XA408	07		168	9		MDB2CB	01					SWT	Z1						
10520	XA408	07		XA409	03		168	9		MDB2CB	02					SWT	Z1						
10598	XA409	03		XA410	07		168	9		MDB2CB	03					SWT	Z1						
10682	XA410	07		XA411	03		168	9		MDB2CB	04					SWT	Z1						
10758	XA411	03		XA412	07		168	9		MDB2CB	05					SWT	Z1						
10842	XA412	07		XA413	03		168	9		MDB2CB	06					SWT	Z1						
10918	XA413	03		XA414	07		168	9		MDB2CB	07					SWT	Z1						
11004	XA414	07		XA415	03		168	9		MDB2CB	08					SWT	Z1						
11082	XA415	03		XA411	68		168	9		MDB2CB	09					SWT	Z1						
10823	XA411	68		XA409	75		168	9		MDB2CB	10					SWT	Z1						
10670	XA409	75		XA507	07		168	9		MDB2CB	11					SWT	Z1						
13878	XA507	07		XA506	03		168	9		MDB2CB	12					SWT	Z1						
							****			SIGNAL	(MDB2CB					IS ON THE NEXT PAGE	****						

DRAWING NUMBER 149304-800 STRING UNIT ASSEMBLY NO.149304 REV G INDEX MDB2CB  
 UNIT ASSEMBLY NAME CARD CAGE WIRED, MCU FILE IDENT T39AMCMU DATE 09-02-82 PAGE 90

13794	XA506	03		XA505	07		168	9	MDB2CB	13			SWT	Z1				
13718	XA505	07		XA504	03		168	9	MDB2CB	14			SWT	Z1				
13627	XA504	03		XA503	07		168	9	MDB2CB	15			SWT	Z1				
13546	XA503	07		XA508	03		168	9	MDB2CB	16			SWT	Z1				
13954	XA508	03		XA509	07		168	9	MDB2CB	17			SWT	Z1				
14038	XA509	07		XA510	03		168	9	MDB2CB	18			SWT	Z1				
14116	XA510	03		XA511	07		168	9	MDB2CB	19			SWT	Z1				
14201	XA511	07		XA512	03		168	9	MDB2CB	20			SWT	Z1				
14277	XA512	03		XA513	07		168	9	MDB2CB	21			SWT	Z1				
14361	XA513	07		XA514	03		168	9	MDB2CB	22			SWT	Z1				
14438	XA514	03		XA516	14		168	9	MDB2CB	23			SWT	Z1				
20198	XA516	14		XA516	22		168	9	MUB2FA	24	MDB2CB	02	1	TQ2	B2		09A	
20199	XA516	22		XA514	68		168	9	MUB2EA	25	MDB2CB	01	1	TQ2	B1		12A	BIT B SWT ADR 2
14505	XA514	68		XA512	75		168	9	MDB2CB	26				SWT	Z5			
14349	XA512	75		XA506	68		168	9	MDB2CB	28				SWT	Z5			
13859	XA506	68		XA504	75		168	9	MDB2CB	29				SWT	Z5			
13706	XA504	75							MDB2CB	30				SWT	Z5			
20201	XA215	80		XA215	69		168	9	MUB3BA	01	MDB3AB	02	1	TQ2	F4		39A	
20200	XA215	69		XA206	10		168	9	MUB3AA	02	MDB3AB	01	1	TQ2	F3		35A	BIT B SWT ADR 3
05294	XA206	10		XA207	04		168	9	MDB3AB	03				SWT	Z1			
05370	XA207	04		XA208	10		168	9	MDB3AB	04				SWT	Z1			
05458	XA208	10		XA209	04		168	9	MDB3AB	05				SWT	Z1			
05533	XA209	04		XA111	78		168	9	MDB3AB	06				SWT	Z1			
01713	XA111	78		XA113	72		168	9	MDB3AB	07				SWT	Z5			
01867	XA113	72		XA114	10		168	9	MDB3AB	08				SWT	Z5			
01885	XA114	10		XA116	10		168	9	MDB3AB	09				SWT	Z1			
02048	XA116	10		XA117	04		168	9	MDB3AB	10				SWT	Z1			
02122	XA117	04		XA118	10		168	9	MDB3AB	11				SWT	Z1			
02210	XA118	10		XA120	10		168	9	MDB3AB	12				SWT	Z1			
02371	XA120	10		XA121	04		168	9	MDB3AB	13				SWT	Z1			
02445	XA121	04		XA119	04		168	9	MDB3AB	14				SWT	Z1			
02285	XA119	04		XA115	04		168	9	MDB3AB	15				SWT	Z1			
01960	XA115	04		XA113	04		168	9	MDB3AB	16				SWT	Z1			
01799	XA113	04		XA112	10		168	9	MDB3AB	17				SWT	Z1			
01725	XA112	10		XA111	04		168	9	MDB3AB	18				SWT	Z1			
01639	XA111	04		XA110	10		168	9	MDB3AB	19				SWT	Z1			
01563	XA110	10							MDB3AB	20				SWT	Z1			
20203	XA420	80		XA420	69		168	9	MUB3DA	01	MDB3BB	02	1	TQ2	F4		39A	
20202	XA420	69		XA419	04		168	9	MUB3CA	02	MDB3BB	01	1	TQ2	F3		35A	BIT B SWT ADR 3
11404	XA419	04		XA418	10		168	9	MDB3BB	03				SWT	Z1			
11330	XA418	10		XA416	10		168	9	MDB3BB	04				SWT	Z1			
11170	XA416	10		XA417	04		168	9	MDB3BB	05				SWT	Z1			
11244	XA417	04		XA310	72		168	9	MDB3BB	06				SWT	Z1			
08156	XA310	72		XA308	78		168	9	MDB3BB	07				SWT	Z5			
08000	XA308	78		XA307	10		168	9	MDB3BB	08				SWT	Z5			
07850	XA307	10		XA308	04		168	9	MDB3BB	09				SWT	Z1			
07926	XA308	04		XA312	04		168	9	MDB3BB	10				SWT	Z1			
08250	XA312	04		XA314	04		168	9	MDB3BB	11				SWT	Z1			
							***		SIGNAL (MDB3BB)					IS ON THE NEXT PAGE	****			

DRAWING NUMBER 149304-800 STRING UNIT ASSEMBLY NO.149304 REV G INDEX MDB3BB  
 UNIT ASSEMBLY NAME CARD CAGE WIRED, MCU FILE IDENT T39AMCMU DATE 09-02-82 PAGE 91

08410	XA314	04	XA313	10	16B	9	MDB3BB	12	SWT	Z1										
08336	XA313	10	XA311	10	16B	9	MDB3BB	13	SWT	Z1										
08174	XA311	10	XA309	10	16B	9	MDB3BB	14	SWT	Z1										
08012	XA309	10	XA310	04	16B	9	MDB3BB	15	SWT	Z1										
08086	XA310	04	XA208	72	16B	9	MDB3BB	16	SWT	Z1										
05521	XA208	72	XA212	78	16B	9	MDB3BB	17	SWT	Z5										
05851	XA212	78	XA214	72	16B	9	MDB3BB	18	SWT	Z5										
06007	XA214	72	XA214	04	16B	9	MDB3BB	19	SWT	Z5										
05937	XA214	04	XA213	10	16B	9	MDB3BB	20	SWT	Z1										
05863	XA213	10	XA212	04	16B	9	MDB3BB	21	SWT	Z1										
05776	XA212	04	XA211	10	16B	9	MDB3BB	22	SWT	Z1										
05701	XA211	10	XA210	10	16B	9	MDB3BB	23	SWT	Z1										
05619	XA210	10					MDB3BB	24	SWT	Z1										
13709	XA504	78	XA506	72	16B	9	MDB3CB	01	SWT	Z5										
13863	XA506	72	XA512	78	16B	9	MDB3CB	02	SWT	Z5										
14352	XA512	78	XA514	72	16B	9	MDB3CB	03	SWT	Z5										
14509	XA514	72	XA516	27	16B	9	MDB3CB	04	SWT	Z5										
20205	XA516	27	XA516	21	16B	9	MUB3FA	05	MDB3CB	02	1	TQ2	B4			13B				
20204	XA516	21	XA513	10	16B	9	MUB3EA	06	MDB3CB	01	1	TQ2	B3			10B		RIT B SWT ADR 3		
14364	XA513	10	XA514	04	16B	9	MDB3CB	07	SWT	Z1										
14439	XA514	04	XA512	04	16B	9	MDB3CB	08	SWT	Z1										
14278	XA512	04	XA510	04	16B	9	MDB3CB	09	SWT	Z1										
14117	XA510	04	XA511	10	16B	9	MDB3CB	10	SWT	Z1										
14204	XA511	10	XA509	10	16B	9	MDB3CB	11	SWT	Z1										
14041	XA509	10	XA508	04	16B	9	MDB3CB	12	SWT	Z1										
13955	XA508	04	XA507	10	16B	9	MDB3CB	13	SWT	Z1										
13881	XA507	10	XA505	10	16B	9	MDB3CB	14	SWT	Z1										
13721	XA505	10	XA503	10	16B	9	MDB3CB	15	SWT	Z1										
13549	XA503	10	XA504	04	16B	9	MDB3CB	16	SWT	Z1										
13628	XA504	04	XA506	04	16B	9	MDB3CB	17	SWT	Z1										
13795	XA506	04	XA409	78	16B	9	MDB3CB	18	SWT	Z1										
10673	XA409	78	XA411	72	16B	9	MDB3CB	19	SWT	Z5										
10827	XA411	72	XA411	04	16B	9	MDB3CB	20	SWT	Z5										
10759	XA411	04	XA413	04	16B	9	MDB3CB	21	SWT	Z1										
10919	XA413	04	XA415	04	16B	9	MDB3CB	22	SWT	Z1										
11083	XA415	04	XA414	10	16B	9	MDB3CB	23	SWT	Z1										
11007	XA414	10	XA412	10	16B	9	MDB3CB	24	SWT	Z1										
10845	XA412	10	XA410	10	16B	9	MDB3CB	25	SWT	Z1										
10685	XA410	10	XA408	10	16B	9	MDB3CB	26	SWT	Z1										
10523	XA408	10	XA409	04	16B	9	MDB3CB	27	SWT	Z1										
10599	XA409	04					MDB3CB	28	SWT	Z1										
05572	XA209	43	XA207	43	16B	9	MDB4AB	01	SWT	Z3										
05410	XA207	43	XA206	35	16B	9	MDB4AB	02	SWT	Z3										
05320	XA206	35	XA208	35	16B	9	MDB4AB	03	SWT	Z3										
05484	XA208	35	XA216	06	16B	9	MDB4AB	04	SWT	Z3										
20207	XA216	06	XA216	01	16B	9	MUB4AA	05	MDB4AB	01	1	TQ2	A1			05A		RIT B SWT ADR 4		
20206	XA216	01	XA117	75	16B	9	MUB4BA	06	MDB4AB	02	1	TQ2	A2			02B				
02195	XA117	75	XA115	68	16B	9	MDB4AB	07	SWT	Z5										
							****	SIGNAL	(MDB4AB			IS ON THE	NEXT PAGE	****						

DRAWING NUMBER 149304-800 STRING UNIT ASSEMBLY NO.149304 REV G INDEX MDB4AB  
 UNIT ASSEMBLY NAME CARD CAGE WIRED, MCU FILE IDENT T39AMCMU DATE 09-02-82 PAGE 92

02026		XA115	68			XA119	68			168	9				MDB4AB	08				SWT	Z5					
02349		XA119	68			XA121	75			168	9				MDB4AB	09				SWT	Z5					
02516		XA121	75			XA121	43			168	9				MDB4AB	10				SWT	Z5					
02484		XA121	43			XA119	43			168	9				MDB4AB	11				SWT	Z3					
02324		XA119	43			XA117	43			168	9				MDB4AB	12				SWT	Z3					
02162		XA117	43			XA115	43			168	9				MDB4AB	13				SWT	Z3					
02000		XA115	43			XA113	43			168	9				MDB4AB	14				SWT	Z3					
01838		XA113	43			XA111	43			168	9				MDB4AB	15				SWT	Z3					
01678		XA111	43			XA110	35			168	9				MDB4AB	16				SWT	Z3					
01589		XA110	35			XA112	35			168	9				MDB4AB	17				SWT	Z3					
01750		XA112	35			XA114	35			168	9				MDB4AB	18				SWT	Z3					
01910		XA114	35			XA116	35			168	9				MDB4AB	19				SWT	Z3					
02073		XA116	35			XA118	35			168	9				MDB4AB	20				SWT	Z3					
02235		XA118	35			XA120	35			168	9				MDB4AB	21				SWT	Z3					
02396		XA120	35												MDB4AB	22				SWT	Z3					
05645		XA210	35			XA211	35			168	9				MDB4BB	01				SWT	Z3					
05726		XA211	35			XA213	35			168	9				MDB4BB	02				SWT	Z3					
05888		XA213	35			XA214	43			168	9				MDB4BB	03				SWT	Z3					
05977		XA214	43			XA212	43			168	9				MDB4BB	04				SWT	Z3					
05816		XA212	43			XA313	35			168	9				MDB4BB	05				SWT	Z3					
08361		XA313	35			XA311	35			168	9				MDB4BB	06				SWT	Z3					
08200		XA311	35			XA309	35			168	9				MDB4BB	07				SWT	Z3					
08037		XA309	35			XA307	35			168	9				MDB4BB	08				SWT	Z3					
07876		XA307	35			XA308	43			168	9				MDB4BB	09				SWT	Z3					
07965		XA308	43			XA310	43			168	9				MDB4BB	10				SWT	Z3					
08126		XA310	43			XA312	43			168	9				MDB4BB	11				SWT	Z3					
08289		XA312	43			XA314	43			168	9				MDB4BB	12				SWT	Z3					
08450		XA314	43			XA312	68			168	9				MDB4BB	13				SWT	Z3					
08314		XA312	68			XA314	75			168	9				MDB4BB	14				SWT	Z5					
08483		XA314	75			XA416	35			168	9				MDB4BB	15				SWT	Z5					
11195		XA416	35			XA418	35			168	9				MDB4BB	16				SWT	Z3					
11355		XA418	35			XA419	43			168	9				MDB4BB	17				SWT	Z3					
11443		XA419	43			XA417	43			168	9				MDB4BB	18				SWT	Z3					
11283		XA417	43			XA515	01			168	9				MDB4BB	19				SWT	Z3					
20208		XA515	01			XA515	06			168	9			P	MUB4DA	20	MDB4BB	02	1	TQ2	A2		02B			
20209		XA515	06											P	MUB4CA	21	MDB4BB	01	1	TQ2	A1		05A	BIT B SWT ADR 4		
14019		XA508	68			XA510	75			168	9				MDB4CB	01				SWT	Z5					
14189		XA510	75			XA513	35			168	9				MDB4CB	02				SWT	Z5					
14389		XA513	35			XA511	35			168	9				MDB4CB	03				SWT	Z3					
14229		XA511	35			XA509	35			168	9				MDB4CB	04				SWT	Z3					
14067		XA509	35			XA507	35			168	9				MDB4CB	05				SWT	Z3					
13906		XA507	35			XA505	35			168	9				MDB4CB	06				SWT	Z3					
13746		XA505	35			XA503	35			168	9				MDB4CB	07				SWT	Z3					
13577		XA503	35			XA504	43			168	9				MDB4CB	08				SWT	Z3					
13671		XA504	43			XA506	43			168	9				MDB4CB	09				SWT	Z3					
13834		XA506	43			XA508	43			168	9				MDB4CB	10				SWT	Z3					
13994		XA508	43			XA510	43			168	9				MDB4CB	11				SWT	Z3					
14157		XA510	43			XA512	43			168	9				MDB4CB	12				SWT	Z3					

\*\*\*\* SIGNAL (MDB4CB ) IS ON THE NEXT PAGE \*\*\*\*



DRAWING NUMBER 149304-800 STRING UNIT ASSEMBLY NO.149304 REV G INDEX MDB4CB  
 UNIT ASSEMBLY NAME CARD CAGE WIRED, MCU FILE IDENT T39AMCMU DATE 09-02-82 PAGE 93

14317	XA512	43	XA514	43	16B	9	MDB4CB	13					SWT	Z3					
14479	XA514	43	XA516	38	16B	9	MDB4CB	14					SWT	Z3					
20211	XA516	38	XA516	30	16B	9	P MUB4EA	15	MDB4CB	01	1	TQ2	C1		18A	BIT B	SWT	ADR 4	
20210	XA516	30	XA419	75	16B	9	P MUB4FA	16	MDB4CB	02	1	TQ2	C2		15A				
11476	XA419	75	XA417	68	16B	9							SWT	Z5					
11308	XA417	68	XA415	75	16B	9							SWT	Z5					
11155	XA415	75	XA413	68	16B	9							SWT	Z5					
10985	XA413	68	XA415	43	16B	9							SWT	Z5					
11122	XA415	43	XA413	43	16B	9							SWT	Z3					
10959	XA413	43	XA411	43	16B	9							SWT	Z3					
10798	XA411	43	XA409	43	16B	9							SWT	Z3					
10638	XA409	43	XA408	35	16B	9							SWT	Z3					
10549	XA408	35	XA410	35	16B	9							SWT	Z3					
10710	XA410	35	XA412	35	16B	9							SWT	Z3					
10870	XA412	35	XA414	35	16B	9							SWT	Z3					
11033	XA414	35	XA210	75	16B	9							SWT	Z3					
05686	XA210	75											SWT	Z5					
01588	XA110	34	XA111	36	16B	9							SWT	Z3					
01671	XA111	36	XA112	34	16B	9							SWT	Z3					
01749	XA112	34	XA113	36	16B	9							SWT	Z3					
01831	XA113	36	XA114	34	16B	9							SWT	Z3					
01909	XA114	34	XA115	36	16B	9							SWT	Z3					
01993	XA115	36	XA116	34	16B	9							SWT	Z3					
02072	XA116	34	XA117	36	16B	9							SWT	Z3					
02155	XA117	36	XA118	34	16B	9							SWT	Z3					
02234	XA118	34	XA119	36	16B	9							SWT	Z3					
02317	XA119	36	XA120	34	16B	9							SWT	Z3					
02395	XA120	34	XA121	36	16B	9							SWT	Z3					
02477	XA121	36	XA121	78	16B	9							SWT	Z3					
02519	XA121	78	XA119	72	16B	9							SWT	Z5					
02353	XA119	72	XA117	78	16B	9							SWT	Z5					
02198	XA117	78	XA115	72	16B	9							SWT	Z5					
02030	XA115	72	XA216	09	16B	9							SWT	Z5					
20212	XA216	09	XA216	15	16B	9	P	MUB5AA	17	MDB5AB	01	1	TQ2	A3	04B	BIT B	SWT	ADR 5	
20213	XA216	15	XA209	36	16B	9	P	MUB5BA	18	MDB5AB	02	1	TQ2	A4	07B				
05565	XA209	36	XA208	34	16B	9							SWT	Z3					
05483	XA208	34	XA207	36	16B	9							SWT	Z3					
05403	XA207	36	XA206	34	16B	9							SWT	Z3					
05319	XA206	34											SWT	Z3					
20215	XA515	15	XA515	09	16B	9	P	MUB5DA	01	MDB5BB	02	1	TQ2	A4	07B				
20214	XA515	09	XA417	36	16B	9	P	MUB5CA	02	MDB5BB	01	1	TQ2	A3	04B	BIT B	SWT	ADR 5	
11276	XA417	36	XA418	34	16B	9							SWT	Z3					
11354	XA418	34	XA419	36	16B	9							SWT	Z3					
11436	XA419	36	XA416	34	16B	9							SWT	Z3					
11194	XA416	34	XA314	78	16B	9							SWT	Z3					
08486	XA314	78	XA312	72	16B	9							SWT	Z5					
08318	XA312	72	XA312	36	16B	9							SWT	Z5					
08282	XA312	36	XA311	34	16B	9							SWT	Z3					
							****	SIGNAL	(MDB5BB)				IS ON THE	NEXT PAGE	****				

DRAWING NUMBER 149304-800 STRING UNIT ASSEMBLY NO.149304 REV G INDEX MDB5BB  
 UNIT ASSEMBLY NAME CARD CAGE WIRED, MCU FILE IDENT T39AMCMU DATE 09-02-82 PAGE 94

08199	XA311	34	XA310	36	168	9			MDB5BB	10			SWT	Z3				
08119	XA310	36	XA309	34	168	9			MDB5BB	11			SWT	Z3				
08036	XA309	34	XA308	36	168	9			MDB5BB	12			SWT	Z3				
07958	XA308	36	XA307	34	168	9			MDB5BB	13			SWT	Z3				
07875	XA307	34	XA313	34	168	9			MDB5BB	14			SWT	Z3				
08360	XA313	34	XA314	36	168	9			MDB5BB	15			SWT	Z3				
08443	XA314	36	XA210	78	168	9			MDB5BB	16			SWT	Z3				
05689	XA210	78	XA210	34	168	9			MDB5BB	17			SWT	Z5				
05644	XA210	34	XA211	34	168	9			MDB5BB	18			SWT	Z3				
05725	XA211	34	XA212	36	168	9			MDB5BB	19			SWT	Z3				
05809	XA212	36	XA213	34	168	9			MDB5BB	20			SWT	Z3				
05887	XA213	34	XA214	36	168	9			MDB5BB	21			SWT	Z3				
05970	XA214	36							MDB5BB	22			SWT	Z3				
10548	XA408	34	XA409	36	168	9			MDB5CB	01			SWT	Z3				
10631	XA409	36	XA410	34	168	9			MDB5CB	02			SWT	Z3				
10709	XA410	34	XA411	36	168	9			MDB5CB	03			SWT	Z3				
10791	XA411	36	XA412	34	168	9			MDB5CB	04			SWT	Z3				
10869	XA412	34	XA415	36	168	9			MDB5CB	05			SWT	Z3				
11115	XA415	36	XA414	34	168	9			MDB5CB	06			SWT	Z3				
11032	XA414	34	XA413	36	168	9			MDB5CB	07			SWT	Z3				
10952	XA413	36	XA413	72	168	9			MDB5CB	08			SWT	Z3				
10989	XA413	72	XA415	78	168	9			MDB5CB	09			SWT	Z5				
11158	XA415	78	XA417	72	168	9			MDB5CB	10			SWT	Z5				
11312	XA417	72	XA419	78	168	9			MDB5CB	11			SWT	Z5				
11479	XA419	78	XA516	33	168	9			MDB5CB	12			SWT	Z5				
20216	XA516	33	XA516	39	168	9		P	MDB5EA	13	MDB5CB	01	1	TQ2	C3	16B	BIT 8 SWT ADR 5	
20217	XA516	39	XA514	36	168	9		P	MDB5FA	14	MDB5CB	02	1	TQ2	C4	12B		
14472	XA514	36	XA513	34	168	9			MDB5CB	15			SWT	Z3				
14388	XA513	34	XA512	36	168	9			MDB5CB	16			SWT	Z3				
14310	XA512	36	XA511	34	168	9			MDB5CB	17			SWT	Z3				
14228	XA511	34	XA510	36	168	9			MDB5CB	18			SWT	Z3				
14150	XA510	36	XA509	34	168	9			MDB5CB	19			SWT	Z3				
14066	XA509	34	XA508	36	168	9			MDB5CB	20			SWT	Z3				
13987	XA508	36	XA507	34	168	9			MDB5CB	21			SWT	Z3				
13905	XA507	34	XA506	36	168	9			MDB5CB	22			SWT	Z3				
13827	XA506	36	XA505	34	168	9			MDB5CB	23			SWT	Z3				
13745	XA505	34	XA504	36	168	9			MDB5CB	24			SWT	Z3				
13664	XA504	36	XA503	34	168	9			MDB5CB	25			SWT	Z3				
13576	XA503	34	XA508	72	168	9			MDB5CB	26			SWT	Z3				
14023	XA508	72	XA510	78	168	9			MDB5CB	27			SWT	Z5				
14192	XA510	78							MDB5CB	28			SWT	Z5				
02476	XA121	35	XA119	35	168	9			MDB6AB	01			SWT	Z3				
02316	XA119	35	XA117	35	168	9			MDB6AB	02			SWT	Z3				
02154	XA117	35	XA115	35	168	9			MDB6AB	03			SWT	Z3				
01992	XA115	35	XA113	35	168	9			MDB6AB	04			SWT	Z3				
01830	XA113	35	XA111	35	168	9			MDB6AB	05			SWT	Z3				
01670	XA111	35	XA110	43	168	9			MDB6AB	06			SWT	Z3				
01597	XA110	43	XA112	43	168	9			MDB6AB	07			SWT	Z3				
					****		SIGNAL		MDB6AB				IS ON THE		NEXT PAGE	****		

DRAWING NUMBER 149304-800 STRING UNIT ASSEMBLY NAME CARD CAGE WIRED, MCU UNIT ASSEMBLY NO. 149304 REV G INDEX MDA6AB FILE IDENT T39AMCMU DATE 09-02-82 PAGE 95

RECORD NUMBER	FROM				TO				WIRE				SFC 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
	PREFIX	CONNECTOR	PIN	DR FC	PREFIX	CONNECTOR	PIN	DR FC	MULTI GROUP	CODE	COLOR	IDENT												
01758		XA112	43			XA114	43			168	9		MDB6AB	08				SWT	Z3					
01918		XA114	43			XA116	43			168	9		MDB6AB	09				SWT	Z3					
02081		XA116	43			XA118	43			168	9		MDB6AB	10				SWT	Z3					
02243		XA118	43			XA120	43			168	9		MDB6AB	11				SWT	Z3					
02404		XA120	43			XA121	68			168	9		MDB6AB	12				SWT	Z3					
02509		XA121	68			XA117	68			168	9		MDB6AB	13				SWT	Z5					
02188		XA117	68			XA119	75			168	9		MDB6AB	14				SWT	Z5					
02356		XA119	75			XA115	75			168	9		MDB6AB	15				SWT	Z5					
02033		XA115	75			XA216	14			168	9		MDB6AB	16				SWT	Z5					
20218		XA216	14			XA216	22			168	9		MDB6AB	17	MDB6AB	02	1	TQ2	B2		09A			
20219		XA216	22			XA209	35			168	9	P	MUB6AA	18	MDB6AB	01	1	TQ2	B1		12A	BIT 8 SWT ADR 6		
05564		XA209	35			XA207	35			168	9		MDB6AB	19				SWT	Z3					
05402		XA207	35			XA208	43			168	9		MDB6AB	20				SWT	Z3					
05492		XA208	43			XA206	43			168	9		MDB6AB	21				SWT	Z3					
05328		XA206	43										MDB6AB	22				SWT	Z3					
05969		XA214	35			XA212	35			168	9		MDB6BB	01				SWT	Z3					
05808		XA212	35			XA213	43			168	9		MDB6BB	02				SWT	Z3					
05896		XA213	43			XA211	43			168	9		MDB6BB	03				SWT	Z3					
05734		XA211	43			XA210	43			168	9		MDB6BB	04				SWT	Z3					
05653		XA210	43			XA210	68			168	9		MDB6BB	05				SWT	Z3					
05679		XA210	68			XA314	35			168	9		MDB6BB	07				SWT	Z5					
08442		XA314	35			XA312	35			168	9		MDB6BB	08				SWT	Z3					
08281		XA312	35			XA310	35			168	9		MDB6BB	09				SWT	Z3					
08118		XA310	35			XA308	35			168	9		MDB6BB	10				SWT	Z3					
07957		XA308	35			XA307	43			168	9		MDB6BB	11				SWT	Z3					
07884		XA307	43			XA309	43			168	9		MDB6BB	12				SWT	Z3					
08045		XA309	43			XA311	43			168	9		MDB6BB	13				SWT	Z3					
08208		XA311	43			XA313	43			168	9		MDB6BB	14				SWT	Z3					
08369		XA313	43			XA314	68			168	9		MDB6BB	15				SWT	Z3					
08476		XA314	68			XA312	75			168	9		MDB6BB	16				SWT	Z5					
08321		XA312	75			XA417	35			168	9		MDB6BB	17				SWT	Z5					
11275		XA417	35			XA419	35			168	9		MDB6BB	18				SWT	Z3					
11435		XA419	35			XA418	43			168	9		MDB6BB	19				SWT	Z3					
11363		XA418	43			XA416	43			168	9		MDB6BB	20				SWT	Z3					
11203		XA416	43			XA515	14			168	9		MDB6BB	21				SWT	Z3					
20220		XA515	14			XA515	22			168	9	P	MUB6DA	22	MDB6BB	02	1	TQ2	B2		09A			
20221		XA515	22									P	MUB6CA	23	MDB6BB	01	1	TQ2	B1		12A	BIT 8 SWT ADR 6		
11114		XA415	35			XA413	35			168	9		MDB6CB	01				SWT	Z3					
10951		XA413	35			XA411	35			168	9		MDB6CB	02				SWT	Z3					
10790		XA411	35			XA409	35			168	9		MDB6CB	03				SWT	Z3					
10630		XA409	35			XA408	43			168	9		MDB6CB	04				SWT	Z3					
10557		XA408	43			XA410	43			168	9		MDB6CB	05				SWT	Z3					
10718		XA410	43			XA412	43			168	9		MDB6CB	06				SWT	Z3					
10878		XA412	43			XA414	43			168	9		MDB6CB	07				SWT	Z3					
11041		XA414	43			XA415	68			168	9		MDB6CB	08				SWT	Z3					
11148		XA415	68			XA417	75			168	9		MDB6CB	09				SWT	Z5					
11315		XA417	75			XA413	75			168	9		MDB6CB	10				SWT	Z5					
10992		XA413	75			XA419	68			168	9		MDB6CB	11				SWT	Z5					
										***		SIGNAL	MDB6CB				IS ON THE		NEXT PAGE	****				

DRAWING NUMBER 149304-800 STRING UNIT ASSEMBLY NO.149304 REV G INDEX MDB6CB  
 UNIT ASSEMBLY NAME CARD CAGE WIRED, MCU FILE IDENT T39AMCMU DATE 09-02-82 PAGE 96

QTY	UNIT ASSEMBLY NAME	DESCRIPTION	QTY	UNIT ASSEMBLY NAME	DESCRIPTION	QTY	UNIT ASSEMBLY NAME	DESCRIPTION	QTY	UNIT ASSEMBLY NAME	DESCRIPTION	QTY	UNIT ASSEMBLY NAME	DESCRIPTION	QTY	UNIT ASSEMBLY NAME	DESCRIPTION	QTY	UNIT ASSEMBLY NAME	DESCRIPTION	QTY	UNIT ASSEMBLY NAME	DESCRIPTION	QTY	UNIT ASSEMBLY NAME	DESCRIPTION
11469		XA419 68																								
20222		XA516 46																								
20223		XA516 52																								
14397		XA513 43																								
14237		XA511 43																								
14075		XA509 43																								
13914		XA507 43																								
13754		XA505 43																								
13585		XA503 43																								
13663		XA504 35																								
13826		XA506 35																								
13986		XA508 35																								
14149		XA510 35																								
14309		XA512 35																								
14471		XA514 35																								
14182		XA510 68																								
14026		XA508 75																								
05321		XA206 36																								
05401		XA207 34																								
05485		XA208 36																								
05563		XA209 34																								
20225		XA216 27																								
20224		XA216 21																								
02036		XA115 78																								
02192		XA117 72																								
02359		XA119 78																								
02513		XA121 72																								
02475		XA121 34																								
02397		XA120 36																								
02315		XA119 34																								
02236		XA118 36																								
02153		XA117 34																								
02074		XA116 36																								
01991		XA115 34																								
01911		XA114 36																								
01829		XA113 34																								
01751		XA112 36																								
01669		XA111 34																								
01590		XA110 36																								
20227		XA515 27																								
20226		XA515 21																								
11434		XA419 34																								
11356		XA418 36																								
11274		XA417 34																								
11196		XA416 36																								
08324		XA312 78																								
08480		XA314 72																								
08441		XA314 34																								

\*\*\*\* SIGNAL (MDB7BB) IS ON THE NEXT PAGE \*\*\*\*

DRAWING NUMBER 149304-800 STRING UNIT ASSEMBLY NO.149304 REV G INDEX MDB7BB  
 UNIT ASSEMBLY NAME CARD CAGE WIRED, MCU FILE IDENT T39AMCMU DATE 09-02-82 PAGE 97

ITEM NO.	DESCRIPTION	QUANTITY	UNIT	GROUP	FILE IDENT	DATE	PLANE	AND/OR	REMARKS
08362	XA313	36			16B 9				
07877	XA307	36			16B 9				
07956	XA308	34			16B 9				
08038	XA309	36			16B 9				
08117	XA310	34			16B 9				
08201	XA311	36			16B 9				
08280	XA312	34			16B 9				
05683	XA210	72			16B 9				
05646	XA210	36			16B 9				
05727	XA211	36			16B 9				
05807	XA212	34			16B 9				
05889	XA213	36			16B 9				
05968	XA214	34			16B 9				
14029	XA508	78			16B 9				
14186	XA510	72			16B 9				
20229	XA516	51			16B 9				
20228	XA516	45			16B 9				
14470	XA514	34			16B 9				
14390	XA513	36			16B 9				
14308	XA512	34			16B 9				
13578	XA503	36			16B 9				
13662	XA504	34			16B 9				
13747	XA505	36			16B 9				
13825	XA506	34			16B 9				
13907	XA507	36			16B 9				
13985	XA508	34			16B 9				
14068	XA509	36			16B 9				
14148	XA510	34			16B 9				
14230	XA511	36			16B 9				
10995	XA413	78			16B 9				
11473	XA419	72			16B 9				
11318	XA417	78			16B 9				
11152	XA415	72			16B 9				
11113	XA415	34			16B 9				
11034	XA414	36			16B 9				
10950	XA413	34			16B 9				
10871	XA412	36			16B 9				
10789	XA411	34			16B 9				
10711	XA410	36			16B 9				
10629	XA409	34			16B 9				
10550	XA408	36			16B 9				
11528	XA421	39			16B 9				
20232	XA432	15			16B 9				
21004	XA241	37							
01280	XA106	49			16B 9				
11567	XA421	77			16B 9				
11568	XA421	78			16B 9				

DRAWING NUMBER 149304-800 STRING UNIT ASSEMBLY NO.149304 REV G INDEX MDDDGND  
 UNIT ASSEMBLY NAME CARD CAGE WIRED, MCU FILE IDENT T39AMCMU DATE 09-02-82 PAGE 98

00085	J01	L4		XA106	50			18D	9		MDDJIA	01					EX9									DELAYED INHIBIT*		
01281	XA106	50									MDDJIA	02					MTS											
01279	XA106	48		XA225	65			16B	9		MDDJIA	00A					MTS										DELAYED INHIBIT*	
21150	XA225	65		XA225	69			16B	9		MDDJIA	00C	MPMRAO	01	1	TT3	F2							34B				
22054	XA225	69		XA238	50			16B	9		MDDJIA	00L	MTAMRO	01	1	TT3	F3							35A				
20235	XA238	50		XA236	38			16B	9		MDDJIA	01	MDDINO	01	2	TQ2	D2							23A				
23516	XA236	38		XA236	06			16B	9		MDDJIA	02	MWQFEES	01	1	TT3	C1							18A				
23245	XA236	06		XA239	10			16B	9		MDDJIA	03	MWPBDA	01	1	TT3	A1							05A				
19019	XA239	10		XA239	05			16B	9		MDDJIA	04	MAREDA	01	3	TD4	A1							07A				
19459	XA239	05		XA342	53			16B	9		MDDJIA	05	MBREDA	01	3	TD4	A2							03B				
09164	XA342	53		XA434	05			16B	9		MDDJIA	08				RR4	F4											
20455	XA434	05		XA434	10			16B	9		MDDJIA	09	MDREDA	01	3	TD4	A2							03B				
19897	XA434	10		XA321	17			16B	9		MDDJIA	10	MCREDA	01	3	TD4	A1							07A				
19078	XA321	17		XA322	17			16B	9		MDDJIA	11	MAYS16X	01	2	ACF	B1							07A				
19086	XA322	17									MDDJIA	12	MAYS2GX	01	2	ACE	B1							07A				
01239	XA106	14		XA238	48			16B	9		MDDIMA	01					MTS											
20234	XA238	48									MDDIMA	02	MDDINO	01	1	TQ2	D2							22A				
00082	J01	L2		XA106	13			18D	9		MDDINA	01					EX9									DEV DR INHIBIT*		
01238	XA106	13									MDDINA	02					MTS											
20988	XA236	78		XA238	46			16B	9		MDDINO	01	MMYPEA	01	3	TT3	F3							38A				
20233	XA238	46									MDDINO	02	MDDINO	00	1	TQ2	D2							21A		DEVICE DRIVE INH		
20264	XA429	68		XA432	68			16B	9		MDENAA	01	MDENE01	01	1	TQ2	E1						32A					
20261	XA432	68		XA432	62			16B	9		MDENAA	04	MDENDD	01	1	TQ2	E1						32A					
20250	XA432	62		XA432	59			16B	9		MDENAA	05	MDENAO	01	1	TQ2	E2						29A					
20257	XA432	59		XA432	53			16B	9		MDENAA	06	MDENCO	01	1	TQ2	E4						31B					
20254	XA432	53		XA434	57			16B	9		MDENAA	07	MDENBO	01	1	TQ2	E3						28B					
20237	XA434	57		XA433	36			16B	9		MDENAA	08	MDENAA	00	1	TD4	E2						30B					
21092	XA433	36									MDENAA	09	MPCDEO	01	2	TQ2	C2							17A				
20242	XA432	60		XA432	57			16B	9		MDENAO	01	MDENAB	01	1	TQ2	E2						28A		PRIORITY PORT D			
20241	XA432	57		XA327	76			16B	9	P	MDENBO	02	MDENAB	01	2	TQ2	E3						30B					
20399	XA328	76		XA327	76			16B	9		MDENAB	03	MDP14D	01	1	TLD	F4						37A					
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					
20420	XA327	71		XA327	65			16B	9		MDENAB	06	MDP21D	01	1	TLD	F2						36A					
20423	XA327	65		XA327	68			16B	9		MDENAB	07	MDP22D	01	1	TLD	F3						34B					
20406	XA327	68		XA327	62			16B	9		MDENAB	08	MDP16D	01	1	TLD	E1						32A					
20409	XA327	62		XA327	59			16B	9		MDENAB	09	MDP17D	01	1	TLD	E2						29A					
20414	XA327	59		XA327	53			16B	9		MDENAB	10	MDP19D	01	1	TLD	E4						31B					
20411	XA327	53		XA327	47			16B	9		MDENAB	11	MDP18D	01	1	TLD	E3						28B					
20402	XA327	47		XA328	34			16B	9		MDENAB	12	MDP15D	01	1	TLD	D4						25B					
20358	XA328	34		XA328	29			16B	9		MDENAB	13	MDPOOD	01	1	TLD	C2						16A					
20360	XA328	29		XA327	24			16B	9		MDENAB	14	MDPO1D	01	1	TLD	C3						14B					

\*\*\*\* SIGNAL (MDENAB) IS ON THE NEXT PAGE \*\*\*\*

DRAWING NUMBER 149304-800 STRING UNIT ASSEMBLY NO.149304 REV G INDEX MDENAB  
 UNIT ASSEMBLY NAME CARD CAGE WIRED, MCU FILE IDENT T39AMCMU DATE 09-02-82 PAGE 99

20442	XA327	24		XA327	18	16B	9	MDENAB	15	MDP28D	01	1	TLD	B1	13A	
20445	XA327	18		XA327	17	16B	9	MDENAB	16	MDP29D	01	1	TLD	B2	10A	
20447	XA327	17		XA327	11	16B	9	MDENAB	17	MDP30D	01	1	TLD	B3	08B	
20438	XA327	11		XA327	03	16B	9	MDENAB	18	MDP27D	01	1	TLD	A4	05B	
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	
20430	XA327	08	3	XA432	60	16B	9	MDENAB	21	MDP24D	01	1	TLD	A1	06A	
11973	XA432	60						MDENAB	22				TQ2	E2	28A	
20245	XA230	69		XA334	42	16B	9	MDENAP	01	MDENAP	00	1	TDD	MP	35A	TMNG STEP 23 *
21385	XA334	42						MDENAP	02	MPRSTO	01	4	TD4	C1	20A	
20248	XA230	74		XA434	64	16B	9	MDENAP	01	MDENAP	00	1	TDD	MQ	35B	TMNG STEP 23
20240	XA434	64						MDENAP	02	MDENAA	01	4	TD4	E2	30A	
20249	XA432	60						J MDENAO	01	MDENAO	00	1	TQ2	E2	28A	MDENAB BUSS A
20450	XA327	23		XA328	35	16B	9	MDENBB	01	MDP31D	01	1	TLD	B4	11B	
20363	XA328	35		XA327	40	16B	9	MDENBB	02	MDP02D	01	1	TLD	C4	17B	
20355	XA327	40		XA328	41	16B	9	MDENBB	03	MDP0PD	01	1	TLD	C1	19A	
20372	XA328	41		XA328	47	16B	9	MDENBB	04	MDP05D	01	1	TLD	D3	22B	
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	
20367	XA328	54		XA328	53	16B	9	MDENBB	07	MDP03D	01	1	TLD	D1	25A	
20384	XA328	53		XA328	59	16B	9	MDENBB	08	MDP09D	01	1	TLD	E3	28B	
20387	XA328	59		XA328	62	16B	9	MDENBB	09	MDP10D	01	1	TLD	E4	31B	
20382	XA328	62		XA328	68	16B	9	MDENBB	10	MDP08D	01	1	TLD	E2	29A	
20379	XA328	68		XA328	65	16B	9	MDENBB	11	MDP07D	01	1	TLD	E1	32A	
20396	XA328	65		XA328	71	16B	9	MDENBB	12	MDP13D	01	1	TLD	F3	34B	
20393	XA328	71		XA328	77	16B	9	MDENBB	13	MDP12D	01	1	TLD	E2	36A	
20391	XA328	77		XA432	63	16B	9	MDENBB	14	MDP11D	01	1	TLD	F1	38B	
20252	XA432	63		XA432	66	16B	9	P MDENCO	15	MDENBB	01	1	TQ2	F4	33B	PRIORITY PORT D
20253	XA432	66	3	XA327	23	16B	9	P MDENDO	16	MDENBB	01	2	TQ2	E1	31A	
08770	XA327	23						MDENBB	17				TLD	B4	11B	
20256	XA432	57						J MDENBO	01	MDENBO	00	1	TQ2	E3	30B	MDENAB BUSS A
20259	XA432	63						J MDENCO	01	MDENCO	00	1	TQ2	F4	33B	MDENBB BUSS B
20260	XA432	66						J MDENDO	01	MDENDO	00	1	TQ2	F1	31A	MDENBB BUSS B
20263	XA429	66		XA433	68	16B	9	MDENE01	01	MDENE01	00	1	TQ2	F1	31A	PRIORITY PORT D
20496	XA433	68		XA434	43	16B	9	MDENE01	02	MDRQRA	01	1	TQ2	E1	32A	
20597	XA434	43		XA431	22	16B	9	MDENE01	03	MDSBRA1	01	1	TD4	D2	23B	
20303	XA431	22		XA431	09	16B	9	MDENE01	06	MHDRA	01	1	TT3	B1	12A	
20306	XA431	09		XA434	01	16B	9	MDENE01	07	MHDSDA	01	1	TT3	A3	04B	
20453	XA434	01		XA421	24	16B	9	MDENE01	08	MDREDA	01	1	TD4	A2	02B	
11513	XA421	24		XA322	43	16B	9	MDENE01	10				RR1	B5		
20762	XA322	43						MDENE01	11	MDYS2HX	01	1	ACF	E2	23A	
								****	SIGNAL	{MDGNAD }			IS ON THE	NEXT PAGE	****	

DRAWING NUMBER 149304-800 STRING UNIT ASSEMBLY NO.149304 REV G INDEX MDGNAD  
 UNIT ASSEMBLY NAME CARD CAGE WIRED, MCU FILE IDENT T39AMCMU DATE 09-02-82 PAGE 100

20266		XA331	30							J	MDGNAD	01	MDGNAD	00	I	TLD	C2		15A	MDGNDB1 BUSS
20271		XA331	33							J	MDGNBD	01	MDGNBD	00	I	TLD	C3		16B	MDGNDB1 BUSS
20272		XA331	38							J	MDGNCD	03	MDGNCD	00	I	TLD	C1		18A	MDGNDB1 BUSS
19056		XA222	31		XA222	33		16B	9		MDGNDB1	00C	MAYACOX	01	I	DCF	B2		12B	
19066		XA222	33		XA222	38		16B	9		MDGNDB1	00E	MAYHCOX	01	I	DCF	B4		13B	
19073		XA222	38		XA220	71		16B	9		MDGNDB1	00H	MAYMIOX	01	I	DCF	B6		14A	
19496		XA220	71		XA220	73		16B	9		MDGNDB1	00K	MBYACOX	01	I	DCF	D2		34B	
19506		XA220	73		XA220	74		16B	9		MDGNDB1	00N	MBYHCOX	01	I	DCF	D4		35B	
19513		XA220	74		XA424	31		16B	9		MDGNDB1	00P	MBYMIQX	01	I	DCF	D6		37A	
19934		XA424	31		XA424	33		16B	9		MDGNDB1	00R	MCYACOX	01	I	DCF	B2		12B	
19944		XA424	33		XA424	38		16B	9		MDGNDB1	00V	MCYHCOX	01	I	DCF	B4		13B	
19951		XA424	38		XA422	71		16B	9		MDGNDB1	002	MCYMIQX	01	I	DCF	B6		14A	
20730		XA422	71		XA422	73		16B	9		MDGNDB1	004	MDYACOX	01	I	DCF	D2		34B	
20740		XA422	73		XA422	74		16B	9		MDGNDB1	006	MDYHCOX	01	I	DCF	D4		35B	
20747		XA422	74		XA421	76		16B	9		MDGNDB1	008	MDYMIQX	01	I	DCF	D6		37A	
11566		XA421	76		XA331	39		16B	9		MDGNDB1	01				RR1	H4			
20279		XA331	39		XA331	38		16B	9	P	MDGNDD	015	MDGNDB1	02	I	TLD	C4		19B	
20278		XA331	38		XA331	33		16B	9	P	MDGNCD	02	MDGNDB1	03	I	TLD	C1		18A	
20277		XA331	33		XA331	30		16B	9	P	MDGNBD	025	MDGNDB1	04	I	TLD	C3		16B	
20276		XA331	30		XA327	45		16B	9	P	MDGNAD	03	MDGNDB1	01	I	TLD	C2		15A	
20275		XA327	45		XA321	37		16B	9	P	PWLMDD	04	MDGNDB1	05	I	TLD	D3		24B	
19958		XA321	37		XA321	39		16B	9		MDGNDB1	05	MCYS1HX	01	I	ACF	D2		18A	
19521		XA321	39		XA321	41		16B	9		MDGNDB1	06	MBYS1HX	01	I	ACF	C2		20A	
19081		XA321	41		XA321	43		16B	9		MDGNDB1	07	MAYS1HX	01	I	ACF	B2		22A	
20754		XA321	43		XA220	54		16B	9		MDGNDB1	08	MDYS1HX	01	I	ACF	E2		23A	
21786		XA220	54		XA301	11		16B	9		MDGNDB1	09	MRSETOX	01	I	DCF	C6		30A	
07324		XA301	11								MDGNDB1	10				EP				
20282		XA331	39							J	MDGNDD	01	MDGNDD	00	I	TLD	C4		19B	MDGNDB1 BUSS
20283		XA327	30		XA342	55		16B	9		MDGRDD4	13	MDGRDD4	00	I	TLD	C2		15A	
09166		XA342	55								MDGRDD4	14				RR4	F3			
20335		XA429	40		XA428	04		16B	9		MDHCOA	01	MDMCOO	01	I	TQ2	C1		19A	
20286		XA428	04								MDHCOA	02	MDMCOA	00	I	TT3	A1		04A	MBA 10 COMP PRT D*
20293		XA428	07		XA429	34		16B	9		MDHC1A	01	MDHC1A	00	I	TT3	A2		03A	MBA 11 COMP PRT D*
20338		XA429	34								MDHC1A	02	MDMC10	01	I	TQ2	C2		16A	
20297		XA428	15		XA429	29		16B	9		MDHC2A	01	MDHC2A	00	I	TT3	A3		07B	MBA 12 COMP PRT D*
20340		XA429	29								MDHC2A	02	MDMC20	01	I	TQ2	C3		14B	
20298		XA428	20		XA429	35		16B	9		MDHC3A	01	MDHC3A	00	I	TT3	B1		11A	MBA 13 COMP PRT D*
20343		XA429	35								MDHC3A	02	MDMC30	01	I	TQ2	C4		17B	
20312		XA434	52		XA431	20		16B	9		MDHDRA	01	MDHLDR1	01	2	TD4	D1		24A	
20302		XA431	20								MDHDRA	02	MDHDRA	00	I	TT3	B1		11A	PORT D HOLD RST *



DRAWING NUMBER 149304-800 STRING UNIT ASSEMBLY NO.149304 REV G INDEX MDHDRA  
 UNIT ASSEMBLY NAME CARD CAGE WIRED, MCU FILE IDENT T39AMCMU DATE 09-02-82 PAGE 101

20315		XA433	17			XA431	15				MDHDSA	01	MDHLDS	01	1	TQ2	B3		08B	
20309		XA431	15					16B	9		MDHDSA	02	MDHDSA	00	1	TT3	A3		07B	PORT D HOLD SET *
21129		XA240	78			XA337	49		16B	9	MDHLDR1	00	MPHLDO	01	3	TT3	F3		38A	
21204		XA337	49			XA434	47		16B	9	MDHLDR1	02	MPPBSA	01	4	TS8	D1		26B	
20310		XA434	47			XA433	19		16B	9	MDHLDR1	03	MDHLDR1	00	1	TD4	D1		25B	PORT D HOLD LATCH*
20316		XA433	19			XA430	07		16B	9	MDHLDR1	04	MDHLDS	01	2	TQ2	B3		09B	
21220		XA430	07			XA421	35		16B	9	MDHLDR1	05	MPPCSA1	01	5	TS8	A1		03A	
11524		XA421	35								MDHLDR1	06				RR1	D1			
20317		XA433	21			XA434	49		16B	9	MDHLDS	01	MDHLDS	00	1	TQ2	B3		10B	PORT D HOLD LATCH
20311		XA434	49								MDHLDS	02	MDHLDR1	01	1	TD4	D1		26B	
20336		XA429	42			XA428	19		16B	9	MDLCOA	01	MDMCOO	01	2	TQ2	C1		20A	
20321		XA428	19								MDLCOA	02	MDLCOA	00	1	TT3	B2		09B	MBA 10 COMP PRT D*
20325		XA428	27			XA429	36		16B	9	MDLC1A	01	MDLC1A	00	1	TT3	B3		13B	MBA 11 COMP PRT D*
20339		XA429	36								MDLC1A	02	MDLC10	01	1	TT3	C2		17A	
20326		XA428	36			XA429	31		16B	9	MDLC2A	01	MDLC2A	00	1	TT3	C1		17A	MBA 12 COMP PRT D*
20341		XA429	31								MDLC2A	02	MDMC20	01	2	TQ2	C3		15B	
20344		XA429	37			XA428	31		16B	9	MDLC3A	01	MDMC30	01	2	TQ2	C4		18B	
20332		XA428	31								MDLC3A	02	MDLC3A	00	1	TT3	C2		15B	MBA 13 COMP PRT D*
20458		XA430	55			XA429	38		16B	9	MDMCOO	01	MDREQA	01	1	TS8	E1		29B	
20334		XA429	38								MDMCOO	02	MDMCOO	00	1	TQ2	C1		18A	MBA PORT D BIT 10
20337		XA429	30			XA430	60		16B	9	MDMC10	01	MDMC10	00	1	TQ2	C2		15A	MBA PORT D BIT 11
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	
20342		XA429	33								MDMC20	02	MDMC20	00	1	TQ2	C3		16B	MBA PORT D BIT 12
20345		XA429	39			XA430	62		16B	9	MDMC30	01	MDMC30	00	1	TQ2	C4		19B	MBA PORT D BIT 13
20462		XA430	62								MDMC30	02	MDREQA	01	4	TS8	E1		29A	
20346		XA334	69			XA433	76		16B	9	MDMMCA	01	MDMMCA	00	1	TD4	E2		35A	MBA COMP PT D 6-9*
20351		XA433	76								MDMMCA	02	MDMMCO	01	1	TQ2	F4		37A	
20464		XA430	66			XA433	80		16B	9	MDMMCO	01	MDREQA	01	6	TS8	E1		31A	
20353		XA433	80								MDMMCO	02	MDMMCO	00	1	TQ2	F4		39A	MBA COMP PT D 6-9
20354		XA327	38							J	MDPOPD	01	MDPOPD	00	1	TLD	C1		18A	MPP0PB4 BUSS
20357		XA328	30							J	MDPOOD	01	MDPOOD	00	1	TLD	C2		15A	MPP0OB4 BUSS
20362		XA328	33							J	MDPO1D	01	MDPO1D	00	1	TLD	C3		16B	MPP01B4 BUSS



DRAWING NUMBER 149304-800 STRING UNIT ASSEMBLY NO.149304 REV G INDEX MDP26D  
 UNIT ASSEMBLY NAME CARD CAGE WIRED, MCU FILE IDENT T39AMCMU DATE 09-02-82 PAGE 103

QTY	DESCRIPTION	UNIT	DATE	REV	PLANE	AND/OR	REF ID	DESCRIPTION	UNIT	DATE	REV	PLANE	AND/OR	REF ID	DESCRIPTION	UNIT	DATE	REV	PLANE	AND/OR	REF ID	DESCRIPTION		
20437	XA327	09		J				MDP26D	01	MDP26D	00	1	TLD	A3	04B	MPP26B4	BUSS							
20440	XA327	15		J				MDP27D	01	MDP27D	00	1	TLD	A4	07B	MPP27B4	BUSS							
20441	XA327	22		J				MDP28D	01	MDP28D	00	1	TLD	B1	12A	MPP28B4	BUSS							
20444	XA327	14		J				MDP29D	01	MDP29D	00	1	TLD	B2	09A	MPP29B4	BUSS							
20449	XA327	21		J				MDP30D	01	MDP30D	00	1	TLD	B3	10B	MPP30B4	BUSS							
20452	XA327	27		J				MDP31D	01	MDP31D	00	1	TLD	B4	13B	MPP31B4	BUSS							
20457	XA434	09	XA422	06		16B	9	MDREDA	01	MDREDA	00	1	TD4	A2	04B	PRT D I/O OUT ENA*								
20892	XA422	06	XA423	06		16B	9	MDREDA	02	MDY24DX	01	1	DCF	A1	05A									
20812	XA423	06	XA423	36		16B	9	MDREDA	03	MDY08DX	01	1	DCF	A1	05A									
20842	XA423	36	XA422	36		16B	9	MDREDA	04	MDY12DX	01	1	DCF	B1	13A									
20909	XA422	36	XA422	52		16B	9	MDREDA	05	MDY28DX	01	1	DCF	B1	13A									
20765	XA422	52	XA423	52		16B	9	MDREDA	06	MDY0PDX	01	1	DCF	C1	29A									
20861	XA423	52	XA424	52		16B	9	MDREDA	07	MDY16DX	01	1	DCF	C1	29A									
20769	XA424	52	XA424	72		16B	9	MDREDA	08	MDY0QDX	01	1	DCF	C1	29A									
20788	XA424	72	XA423	72		16B	9	MDREDA	09	MDY04DX	01	1	DCF	D1	36A									
20877	XA423	72						MDREDA	10	MDY20DX	01	1	DCF	D1	36A									
20472	XA433	41	XA430	59		16B	9	MDREQA	01	MDREQS	01	1	TQ2	D3	22B									
20459	XA430	59						MDREQA	02	MDREQA	00	1	TS8	E1	31B	PRT D REQUEST SET*								
11552	XA421	63	XA431	77		16B	9	MDREQR1	00				RR1	G2										
21095	XA431	77	XA431	17		16B	9	MDREQR1	001	MPCDRA1	01	2	TT3	F1	38B									
21072	XA431	17	XA431	25		16B	9	MDREQR1	01	MPBMRA	01	2	TT3	B2	08B									
21099	XA431	25	XA433	43		16B	9	MDREQR1	02	MPCMRA	01	3	TT3	B3	12B									
20473	XA433	43	XA434	69		16B	9	MDREQR1	03	MDREQS	01	2	TQ2	D3	23B									
20467	XA434	69	XA228	62		16B	9	MDREQR1	04	MDREQR1	00	1	TD4	E2	35A	PRT D REQUEST *								
21011	XA228	62						MDREQR1	05	MPAMRA	01	3	TD4	E2	29A									
21225	XA430	14	XA432	13		16B	9	MDREQS	01	MPPDSA1	01	1	TS8	B1	09A									
20231	XA432	13	XA433	45		16B	9	MDREQS	02	MDGISA1	01	2	TQ2	A4	06B									
20474	XA433	45	XA434	71		16B	9	MDREQS	03	MDREQS	00	1	TQ2	D3	24B	PORT D REQUEST								
20468	XA434	71						MDREQS	04	MDREQR1	01	1	TD4	E2	36A									
20478	XA315	15	XA315	09		16B	9	P	MURAZA	01	MDRIAB	04	1	TQ2	A4	07B								
20477	XA315	09	XA315	06		16B	9	P	MURAYA	02	MDRIAB	03	1	TQ2	A3	04B								
20476	XA315	06	XA315	01		16B	9	P	MURAWA	03	MDRIAB	01	1	TQ2	A1	05A	BTT SWT SINK TMNG							
20475	XA315	01	XA119	76		16B	9	P	MURAXA	04	MDRIAB	02	1	TQ2	A2	02B								
02357	XA119	76	XA121	76		16B	9		MDRIAB	05				SWT	Z5									
02517	XA121	76	XA121	39		16B	9		MDRIAB	06				SWT	Z5									
02480	XA121	39	XA120	39		16B	9		MDRIAB	07				SWT	Z3									
02400	XA120	39	XA119	39		16B	9		MDRIAB	08				SWT	Z3									
02320	XA119	39	XA118	39		16B	9		MDRIAB	09				SWT	Z3									
02239	XA118	39	XA117	39		16B	9		MDRIAB	10				SWT	Z3									
02158	XA117	39	XA116	39		16B	9		MDRIAB	11				SWT	Z3									
								****	SIGNAL	MDRIAB							IS ON THE NEXT PAGE	****						

DRAWING NUMBER 149304-800 STRING UNIT ASSEMBLY NO.149304 REV G INDEX MDRIAB  
 UNIT ASSEMBLY NAME CARD CAGE WIRED, MCU FILE IDENT T39AMCMU DATE 09-02-82 PAGE 104

02077	XA116	39	XA115	39	16B	9	MDRIAB	12	SWT	Z3										
01996	XA115	39	XA114	39	16B	9	MDRIAB	13	SWT	Z3										
01914	XA114	39	XA113	39	16B	9	MDRIAB	14	SWT	Z3										
01834	XA113	39	XA112	39	16B	9	MDRIAB	15	SWT	Z3										
01754	XA112	39	XA111	39	16B	9	MDRIAB	16	SWT	Z3										
01674	XA111	39	XA110	39	16B	9	MDRIAB	17	SWT	Z3										
01593	XA110	39	XA110	08	16B	9	MDRIAB	18	SWT	Z3										
01561	XA110	08	XA111	08	16B	9	MDRIAB	19	SWT	Z1										
01643	XA111	08	XA112	08	16B	9	MDRIAB	20	SWT	Z1										
01723	XA112	08	XA113	08	16B	9	MDRIAB	21	SWT	Z1										
01803	XA113	08	XA114	08	16B	9	MDRIAB	22	SWT	Z1										
01883	XA114	08	XA115	08	16B	9	MDRIAB	23	SWT	Z1										
01964	XA115	08	XA116	08	16B	9	MDRIAB	24	SWT	Z1										
02046	XA116	08	XA117	08	16B	9	MDRIAB	25	SWT	Z1										
02126	XA117	08	XA118	08	16B	9	MDRIAB	26	SWT	Z1										
02208	XA118	08	XA119	08	16B	9	MDRIAB	27	SWT	Z1										
02289	XA119	08	XA120	08	16B	9	MDRIAB	28	SWT	Z1										
02369	XA120	08	XA121	08	16B	9	MDRIAB	29	SWT	Z1										
02449	XA121	08					MDRIAB	30	SWT	Z1										
20482	XA315	27	XA315	21	16B	9	P MURBZA	01	MDRIBB	04 1	TQ2	84						13B		
20480	XA315	21	XA315	22	16B	9	P MURBYA	02	MDRIBB	03 1	TQ2	83						10B		
20481	XA315	22	XA315	14	16B	9	P MURBWA	03	MDRIBB	01 1	TQ2	81						12A	BIT SWT SINK TMNG	
20479	XA315	14	XA208	76	16B	9	P MURBXA	04	MDRIBB	02 1	TQ2	82						09A		
05525	XA208	76	XA210	76	16B	9	MDRIBB	05			SWT	Z5								
05687	XA210	76	XA212	76	16B	9	MDRIBB	06			SWT	Z5								
05849	XA212	76	XA214	76	16B	9	MDRIBB	07			SWT	Z5								
06011	XA214	76	XA214	39	16B	9	MDRIBB	08			SWT	Z5								
05973	XA214	39	XA213	39	16B	9	MDRIBB	09			SWT	Z3								
05892	XA213	39	XA212	39	16B	9	MDRIBB	10			SWT	Z3								
05812	XA212	39	XA211	39	16B	9	MDRIBB	11			SWT	Z3								
05730	XA211	39	XA210	39	16B	9	MDRIBB	12			SWT	Z3								
05649	XA210	39	XA209	39	16B	9	MDRIBB	13			SWT	Z3								
05568	XA209	39	XA208	39	16B	9	MDRIBB	14			SWT	Z3								
05488	XA208	39	XA206	39	16B	9	MDRIBB	15			SWT	Z3								
05324	XA206	39	XA207	39	16B	9	MDRIBB	16			SWT	Z3								
05406	XA207	39	XA206	08	16B	9	MDRIBB	17			SWT	Z3								
05292	XA206	08	XA207	08	16B	9	MDRIBB	18			SWT	Z1								
05374	XA207	08	XA208	08	16B	9	MDRIBB	19			SWT	Z1								
05456	XA208	08	XA209	08	16B	9	MDRIBB	20			SWT	Z1								
05537	XA209	08	XA210	08	16B	9	MDRIBB	21			SWT	Z1								
05617	XA210	08	XA211	08	16B	9	MDRIBB	22			SWT	Z1								
05699	XA211	08	XA212	08	16B	9	MDRIBB	23			SWT	Z1								
05780	XA212	08	XA214	08	16B	9	MDRIBB	24			SWT	Z1								
05941	XA214	08	XA213	08	16B	9	MDRIBB	25			SWT	Z1								
05861	XA213	08	XA115	76	16B	9	MDRIBB	26			SWT	Z1								
02034	XA115	76	XA113	76	16B	9	MDRIBB	27			SWT	Z5								
01871	XA113	76	XA111	76	16B	9	MDRIBB	28			SWT	Z5								
01711	XA111	76					MDRIBB	29			SWT	Z5								
							****	SIGNAL	(MDRIBB)		IS ON THE	NEXT PAGE	****							

DRAWING NUMBER 149304-800 STRING UNIT ASSEMBLY NO.149304 REV G INDEX MDRICB  
 UNIT ASSEMBLY NAME CARD CAGE WIRED, MCU FILE IDENT T39AMCMU DATE 09-02-82 PAGE 105

UNIT	CAGE	WIRED	MCU	FILE IDENT	T39AMCMU	DATE	09-02-82	TYPE	PLANE	AND/OR		
11199	XA416	39		XA417	39	16B	9	MDRICB 01	SWT	Z3		
11279	XA417	39		XA418	39	16B	9	MDRICB 02	SWT	Z3		
11359	XA418	39		XA419	39	16B	9	MDRICB 03	SWT	Z3		
11439	XA419	39		XA419	08	16B	9	MDRICB 04	SWT	Z3		
11408	XA419	08		XA418	08	16B	9	MDRICB 05	SWT	Z1		
11328	XA418	08		XA417	08	16B	9	MDRICB 06	SWT	Z1		
11248	XA417	08		XA416	08	16B	9	MDRICB 07	SWT	Z1		
11168	XA416	08		XA314	76	16B	9	MDRICB 08	SWT	Z1		
08484	XA314	76		XA312	76	16B	9	MDRICB 09	SWT	Z5		
08322	XA312	76		XA310	76	16B	9	MDRICB 10	SWT	Z5		
08160	XA310	76		XA308	76	16B	9	MDRICB 11	SWT	Z5		
07998	XA308	76		XA307	39	16B	9	MDRICB 12	SWT	Z5		
07880	XA307	39		XA308	39	16B	9	MDRICB 13	SWT	Z3		
07961	XA308	39		XA309	39	16B	9	MDRICB 14	SWT	Z3		
08041	XA309	39		XA310	39	16B	9	MDRICB 15	SWT	Z3		
08122	XA310	39		XA311	39	16B	9	MDRICB 16	SWT	Z3		
08204	XA311	39		XA312	39	16B	9	MDRICB 17	SWT	Z3		
08285	XA312	39		XA313	39	16B	9	MDRICB 18	SWT	Z3		
08365	XA313	39		XA314	39	16B	9	MDRICB 19	SWT	Z3		
08446	XA314	39		XA315	39	16B	9	MDRICB 20	SWT	Z3		
20486	XA315	39		XA315	38	16B	9	P MURCZA 21	MDRICB 04	1	TQ2 C4	19B
20485	XA315	38		XA315	30	16B	9	P MURCWA 22	MDRICB 01	1	TQ2 C1	18A
20483	XA315	30		XA315	33	16B	9	P MURCXA 23	MDRICB 02	1	TQ2 C2	15A
20484	XA315	33		XA314	08	16B	9	P MURCYA 24	MDRICB 03	1	TQ2 C3	16B
08414	XA314	08		XA313	08	16B	9	MDRICB 25	SWT	Z1		
08334	XA313	08		XA312	08	16B	9	MDRICB 26	SWT	Z1		
08254	XA312	08		XA311	08	16B	9	MDRICB 27	SWT	Z1		
08172	XA311	08		XA310	08	16B	9	MDRICB 28	SWT	Z1		
08090	XA310	08		XA309	08	16B	9	MDRICB 29	SWT	Z1		
08010	XA309	08		XA308	08	16B	9	MDRICB 30	SWT	Z1		
07930	XA308	08		XA307	08	16B	9	MDRICB 31	SWT	Z1		
07848	XA307	08						MDRICB 32	SWT	Z1		
20196	XA117	76		XA315	46	16B	9	MDRIDB 01	SWT	Z5		
20488	XA315	46		XA315	45	16B	9	P MURDXA 02	MDRIDB 02	1	TQ2 D2	21A
20487	XA315	45		XA315	51	16B	9	P MURDYA 03	MDRIDB 03	1	TQ2 D3	24B
20489	XA315	51		XA315	52	16B	9	P MURDZA 04	MDRIDB 04	1	TQ2 D4	27B
20490	XA315	52		XA415	08	16B	9	P MURDWA 05	MDRIDB 01	1	TQ2 D1	24A
11087	XA415	08		XA414	08	16B	9	MDRIDB 06	SWT	Z1		
11005	XA414	08		XA413	08	16B	9	MDRIDB 07	SWT	Z1		
10923	XA413	08		XA412	08	16B	9	MDRIDB 08	SWT	Z1		
10843	XA412	08		XA411	08	16B	9	MDRIDB 09	SWT	Z1		
10763	XA411	08		XA410	08	16B	9	MDRIDB 10	SWT	Z1		
10683	XA410	08		XA409	08	16B	9	MDRIDB 11	SWT	Z1		
10603	XA409	08		XA408	08	16B	9	MDRIDB 12	SWT	Z1		
10521	XA408	08		XA408	39	16B	9	MDRIDB 13	SWT	Z1		
10553	XA408	39		XA409	39	16B	9	MDRIDB 14	SWT	Z3		
10634	XA409	39		XA410	39	16B	9	MDRIDB 15	SWT	Z3		
10714	XA410	39		XA411	39	16B	9	MDRIDB 16	SWT	Z3		
10794	XA411	39		XA412	39	16B	9	MDRIDB 17	SWT	Z3		
				****	SIGNAL	(MDRIDB			IS ON THE	NEXT PAGE	****	

DRAWING NUMBER 149304-800 STRING UNIT ASSEMBLY NO.149304 REV G INDEX MDRIDB  
 UNIT ASSEMBLY NAME CARD CAGE WIRED, MCU FILE IDENT T39AMCMU DATE 09-02-82 PAGE 106

UNIT ASSEMBLY NAME	CARD CAGE	WIRED	MCU	FILE IDENT	T39AMCMU	DATE	09-02-82	PAGE	106	FLARE	LAND	OR					
10874	XA412	39		XA413	39	168	9	MDRIDB	18			SWT	Z3				
10955	XA413	39		XA414	39	168	9	MDRIDB	19			SWT	Z3				
11037	XA414	39		XA415	39	168	9	MDRIDB	20			SWT	Z3				
11118	XA415	39		XA415	76	168	9	MDRIDB	21			SWT	Z3				
11156	XA415	76		XA413	76	168	9	MDRIDB	22			SWT	Z5				
10993	XA413	76		XA411	76	168	9	MDRIDB	23			SWT	Z5				
10831	XA411	76		XA409	76	168	9	MDRIDB	24			SWT	Z5				
10671	XA409	76		XA506	08	168	9	MDRIDB	25			SWT	Z5				
13799	XA506	08		XA505	08	168	9	MDRIDB	26			SWT	Z1				
13719	XA505	08		XA504	08	168	9	MDRIDB	27			SWT	Z1				
13632	XA504	08		XA503	08	168	9	MDRIDB	28			SWT	Z1				
13547	XA503	08		XA504	39	168	9	MDRIDB	29			SWT	Z1				
13667	XA504	39		XA503	39	168	9	MDRIDB	30			SWT	Z3				
13581	XA503	39		XA505	39	168	9	MDRIDB	31			SWT	Z3				
13750	XA505	39		XA506	39	168	9	MDRIDB	32			SWT	Z3				
13830	XA506	39						MDRIDB	33			SWT	Z3				
13707	XA504	76		XA506	76	168	9	MDRIB	01			SWT	Z5				
13867	XA506	76		XA508	76	168	9	MDRIB	02			SWT	Z5				
14027	XA508	76		XA510	76	168	9	MDRIB	03			SWT	Z5				
14190	XA510	76		XA512	76	168	9	MDRIB	04			SWT	Z5				
14350	XA512	76		XA514	76	168	9	MDRIB	05			SWT	Z5				
14513	XA514	76		XA514	39	168	9	MDRIB	06			SWT	Z5				
14475	XA514	39		XA513	39	168	9	MDRIB	07			SWT	Z3				
14393	XA513	39		XA512	39	168	9	MDRIB	08			SWT	Z3				
14313	XA512	39		XA511	39	168	9	MDRIB	09			SWT	Z3				
14233	XA511	39		XA510	39	168	9	MDRIB	10			SWT	Z3				
14153	XA510	39		XA509	39	168	9	MDRIB	11			SWT	Z3				
14071	XA509	39		XA508	39	168	9	MDRIB	12			SWT	Z3				
13990	XA508	39		XA507	39	168	9	MDRIB	13			SWT	Z3				
13910	XA507	39		XA507	08	168	9	MDRIB	14			SWT	Z3				
13879	XA507	08		XA508	08	168	9	MDRIB	15			SWT	Z1				
13959	XA508	08		XA509	08	168	9	MDRIB	16			SWT	Z1				
14039	XA509	08		XA510	08	168	9	MDRIB	17			SWT	Z1				
14121	XA510	08		XA511	08	168	9	MDRIB	18			SWT	Z1				
14202	XA511	08		XA512	08	168	9	MDRIB	19			SWT	Z1				
14282	XA512	08		XA513	08	168	9	MDRIB	20			SWT	Z1				
14362	XA513	08		XA514	08	168	9	MDRIB	21			SWT	Z1				
14443	XA514	08		XA417	76	168	9	MDRIB	22			SWT	Z1				
11316	XA417	76		XA419	76	168	9	MDRIB	23			SWT	Z5				
11477	XA419	76		XA315	66	168	9	MDRIB	24			SWT	Z5				
20494	XA315	66		XA315	63	168	9	MUREWA	25	MDRIB	01	1	TQ2	E1	31A	BIT SWT SINK TRNG	
20493	XA315	63		XA315	57	168	9	MUREZA	26	MDRIB	04	1	TQ2	E4	33B		
20491	XA315	57		XA315	60	168	9	MUREYA	27	MDRIB	03	1	TQ2	E3	30B		
20492	XA315	60						MUREXA	28	MDRIB	02	1	TQ2	E2	28A		
20495	XA433	66		XA434	72	168	9	MDRQA	01	MDRQA	00	1	TQ2	E1	31A	PRT D REQUEST RST*	
20469	XA434	72						MDRORA	02	MDREQR1	01	2	TD4	E2	34A		
14493	XA514	56		XA513	56	168	9	MDROPA	01								
								****	SIGNAL	MDROPA			YS ON THE	NEXT PAGE	****		

DRAWING NUMBER 149304-800 STRING UNIT ASSEMBLY NO.149304 REV G INDEX MDROPA  
 UNIT ASSEMBLY NAME CARD CAGE WIRED, MCU FILE IDENT T39AMCMU DATE 09-02-82 PAGE 107

NO	UNIT ASSEMBLY NAME	CARD	CAGE	WIRED	MCU	FILE IDENT	T39AMCMU	DATE	09-02-82	PLANE	AND/OR				
14411	XA513	56			XA513	23									
14377	XA513	23			XA514	23									
14459	XA514	23			XA218	06									
20498	XA218	06								MDROPA	00	I	TQ2	A1	05A BIT 0P SOURCE TMNG
13685	XA504	56			XA503	56									
13599	XA503	56			XA503	23									
13564	XA503	23			XA504	23									
13649	XA504	23			XA218	01									
20501	XA218	01								MDRO0A	00	I	TQ2	A2	02B BIT 00 SOURCE TMNG
13847	XA506	56			XA505	56									
13767	XA505	56			XA505	23									
13734	XA505	23			XA506	23									
13814	XA506	23			XA218	09									
20506	XA218	09								MDRO1A	00	I	TQ2	A3	04B BIT 01 SOURCE TMNG
10651	XA409	56			XA408	56									
10571	XA408	56			XA408	23									
10537	XA408	23			XA409	23									
10618	XA409	23			XA218	15									
20509	XA218	15								MDRO2A	00	I	TQ2	A4	07B BIT 02 SOURCE TMNG
10811	XA411	56			XA410	56									
10731	XA410	56			XA410	23									
10698	XA410	23			XA411	23									
10778	XA411	23			XA218	22									
20510	XA218	22								MDRO3A	00	I	TQ2	B1	12A BIT 03 SOURCE TMNG
07978	XA308	56			XA307	56									
07898	XA307	56			XA307	23									
07864	XA307	23			XA308	23									
07945	XA308	23			XA218	14									
20513	XA218	14								MDRO4A	00	I	TQ2	B2	09A BIT 04 SOURCE TMNG
05424	XA207	56			XA206	56									
05342	XA206	56			XA206	23									
05308	XA206	23			XA207	23									
05390	XA207	23			XA218	21									
20518	XA218	21								MDRO5A	00	I	TQ2	B3	10B BIT 05 SOURCE TMNG
01577	XA110	23			XA111	23									
01658	XA111	23			XA110	56									
01611	XA110	56			XA111	56									
01691	XA111	56			XA218	27									
20521	XA218	27								MDRO6A	00	I	TQ2	B4	13B BIT 06 SOURCE TMNG
01738	XA112	23			XA113	23									
01818	XA113	23			XA112	56									
01771	XA112	56			XA113	56									
					****	SIGNAL	MDRO7A		IS ON THE	NEXT PAGE	****				

DRAWING NUMBER 149304-800 STRING UNIT ASSEMBLY NO.149304 REV G INDEX MDR07A  
 UNIT ASSEMBLY NAME CARD CAGE WIRED, MCU FILE IDENT T39AMCMU DATE 09-02-82 PAGE 108

01851 20522	XA113 XA218	56 38		XA218	38		16B	9		MDR07A MDR07A	04 05	MDR07A	00	1	SWT TQ2	Z4 C1		18A	BIT 07 SOURCE TMNG
01898	XA114	23		XA115	23		16B	9		MDR08A	01				SWT	Z2			
01980	XA115	23		XA114	56		16B	9		MDR08A	02				SWT	Z2			
01932	XA114	56		XA115	56		16B	9		MDR08A	03				SWT	Z4			
02014	XA115	56		XA218	30		16B	9		MDR08A	04				SWT	Z4			
20525	XA218	30								MDR08A	05	MDR08A	00	1	TQ2	C2		15A	BIT 08 SOURCE TMNG
20530	XA218	33		XA117	56		16B	9		MDR09A	01	MDR09A	00	1	TQ2	C3		16B	BIT 09 SOURCE TMNG
02176	XA117	56		XA116	56		16B	9		MDR09A	02				SWT	Z4			
02094	XA116	56		XA117	23		16B	9		MDR09A	03				SWT	Z4			
02142	XA117	23		XA116	23		16B	9		MDR09A	04				SWT	Z2			
02061	XA116	23								MDR09A	05				SWT	Z2			
05472	XA208	23		XA209	23		16B	9		MDR10A	01				SWT	Z2			
05552	XA209	23		XA208	56		16B	9		MDR10A	02				SWT	Z2			
05505	XA208	56		XA209	56		16B	9		MDR10A	03				SWT	Z4			
05585	XA209	56		XA218	39		16B	9		MDR10A	04				SWT	Z4			
20533	XA218	39								MDR10A	05	MDR10A	00	1	TQ2	C4		19B	BIT 10 SOURCE TMNG
08140	XA310	56		XA309	56		16B	9		MDR11A	01				SWT	Z4			
08058	XA309	56		XA309	23		16B	9		MDR11A	02				SWT	Z4			
08025	XA309	23		XA310	23		16B	9		MDR11A	03				SWT	Z2			
08106	XA310	23		XA218	52		16B	9		MDR11A	04				SWT	Z2			
20534	XA218	52								MDR11A	05	MDR11A	00	1	TQ2	D1		24A	BIT 11 SOURCE TMNG
10973	XA413	56		XA412	56		16B	9		MDR12A	01				SWT	Z4			
10891	XA412	56		XA412	23		16B	9		MDR12A	02				SWT	Z4			
10858	XA412	23		XA413	23		16B	9		MDR12A	03				SWT	Z2			
10939	XA413	23		XA218	46		16B	9		MDR12A	04				SWT	Z2			
20537	XA218	46								MDR12A	05	MDR12A	00	1	TQ2	D2		21A	BIT 12 SOURCE TMNG
11136	XA415	56		XA414	56		16B	9		MDR13A	01				SWT	Z4			
11055	XA414	56		XA414	23		16B	9		MDR13A	02				SWT	Z4			
11021	XA414	23		XA415	23		16B	9		MDR13A	03				SWT	Z2			
11102	XA415	23		XA218	45		16B	9		MDR13A	04				SWT	Z2			
20542	XA218	45								MDR13A	05	MDR13A	00	1	TQ2	D3		24B	BIT 13 SOURCE TMNG
14007	XA508	56		XA507	56		16B	9		MDR14A	01				SWT	Z4			
13927	XA507	56		XA507	23		16B	9		MDR14A	02				SWT	Z4			
13894	XA507	23		XA508	23		16B	9		MDR14A	03				SWT	Z2			
13974	XA508	23		XA218	51		16B	9		MDR14A	04				SWT	Z2			
20545	XA218	51								MDR14A	05	MDR14A	00	1	TQ2	D4		27B	BIT 14 SOURCE TMNG
14170	XA510	56		XA509	56		16B	9		MDR15A	01				SWT	Z4			
14089	XA509	56		XA509	23		16B	9		MDR15A	02				SWT	Z4			
14055	XA509	23		XA510	23		16B	9		MDR15A	03				SWT	Z2			
14137	XA510	23		XA218	66		16B	9		MDR15A	04				SWT	Z2			
20546	XA218	66								MDR15A	05	MDR15A	00	1	TQ2	E1		31A	BIT 15 SOURCE TMNG



DRAWING NUMBER 149304-800 STRING UNIT ASSEMBLY NO.149304 REV G INDEX MDE15A  
 UNIT ASSEMBLY NAME CARD CAGE WIRED, MCU FILE IDENT T39AMCMU DATE 09-02-82 PAGE 109

13614		XA503	71					16B	9			MDR16A	01							SWT	Z5				
13782		XA505	71					16B	9			MDR16A	02								SWT	Z5			
13942		XA507	71					16B	9			MDR16A	03								SWT	Z5			
14104		XA509	71					16B	9			MDR16A	04								SWT	Z5			
20549		XA218	60									MDR16A	05	MDR16A	00	1	TQ2	E2					28A	BIT 16 SOURCE TMNG	
14265		XA511	71					16B	9			MDR17A	01								SWT	Z5			
14426		XA513	71					16B	9			MDR17A	02								SWT	Z5			
11231		XA416	71					16B	9			MDR17A	03								SWT	Z5			
11391		XA418	71					16B	9			MDR17A	04								SWT	Z5			
20554		XA218	57									MDR17A	05	MDR17A	00	1	TQ2	E3					30B	BIT 17 SOURCE TMNG	
11296		XA417	56					16B	9			MDR18A	01								SWT	Z4			
11216		XA416	56					16B	9			MDR18A	02								SWT	Z4			
11183		XA416	23					16B	9			MDR18A	03								SWT	Z2			
11263		XA417	23					16B	9			MDR18A	04								SWT	Z2			
20557		XA218	63									MDR18A	05	MDR18A	00	1	TQ2	E4					33B	BIT 18 SOURCE TMNG	
10586		XA408	71					16B	9			MDR19A	01								SWT	Z5			
10746		XA410	71					16B	9			MDR19A	02								SWT	Z5			
10906		XA412	71					16B	9			MDR19A	03								SWT	Z5			
11070		XA414	71					16B	9			MDR19A	04								SWT	Z5			
20558		XA218	75									MDR19A	05	MDR19A	00	1	TQ2	F1					37B	BIT 19 SOURCE TMNG	
08302		XA312	56					16B	9			MDR20A	01								SWT	Z4			
08222		XA311	56					16B	9			MDR20A	02								SWT	Z4			
08188		XA311	23					16B	9			MDR20A	03								SWT	Z2			
08269		XA312	23					16B	9			MDR20A	04								SWT	Z2			
20562		XA218	72									MDR20A	05	MDR20A	00	1	TQ2	F2					34A	BIT 20 SOURCE TMNG	
05714		XA211	23					16B	9			MDR21A	01								SWT	Z2			
05796		XA212	23					16B	9			MDR21A	02								SWT	Z2			
05748		XA211	56					16B	9			MDR21A	03								SWT	Z4			
05829		XA212	56					16B	9			MDR21A	04								SWT	Z4			
20565		XA218	69									MDR21A	05	MDR21A	00	1	TQ2	F3					35A	BIT 21 SOURCE TMNG	
02223		XA118	23					16B	9			MDR22A	01								SWT	Z2			
02304		XA119	23					16B	9			MDR22A	02								SWT	Z2			
02257		XA118	56					16B	9			MDR22A	03								SWT	Z4			
02337		XA119	56					16B	9			MDR22A	04								SWT	Z4			
20569		XA218	80									MDR22A	05	MDR22A	00	1	TQ2	F4					39A	BIT 22 SOURCE TMNG	
01626		XA110	71					16B	9			MDR23A	01								SWT	Z5			
01786		XA112	71					16B	9			MDR23A	02								SWT	Z5			
01947		XA114	71					16B	9			MDR23A	03								SWT	Z5			
02109		XA116	71					16B	9			MDR23A	04								SWT	Z5			
20570		XA318	06									MDR23A	05	MDR23A	00	1	TQ2	A1					05A	BIT 23 SOURCE TMNG	
								****		SIGNAL		MDR24A									IS ON THE	NEXT PAGE	****		

DRAWING NUMBER 149304-800 STRING UNIT ASSEMBLY NO.149304 REV G INDEX MDR24A  
 UNIT ASSEMBLY NAME CARD CAGE WIRED, MCU FILE IDENT T39AMCMU DATE 09-02-82 PAGE 110

02384	XA120	23	XA121	23	16B	9	MDR24A	01				SWT	Z2						
02464	XA121	23	XA121	56	16B	9	MDR24A	02				SWT	Z2						
02497	XA121	56	XA120	56	16B	9	MDR24A	03				SWT	Z4						
02417	XA120	56	XA318	01	16B	9	MDR24A	04				SWT	Z4						
20573	XA318	01					MDR24A	05	MDR24A	00	1	TQ2	A2	02B				BIT 24 SOURCE TMNG	
05763	XA211	71	XA213	71	16B	9	MDR25A	01				SWT	Z5						
05924	XA213	71	XA213	09	16B	9	MDR25A	02				SWT	Z5						
20578	XA318	09	XA118	71	16B	9	MDR25A	03	MDR25A	00	1	TQ2	A3	04B				BIT 25 SOURCE TMNG	
02272	XA118	71	XA120	71	16B	9	MDR25A	04				SWT	Z5						
02432	XA120	71					MDR25A	05				SWT	Z5						
20581	XA318	15	XA214	56	16B	9	MDR26A	01	MDR26A	00	1	TQ2	A4	07B				BIT 26 SOURCE TMNG	
05991	XA214	56	XA213	56	16B	9	MDR26A	02				SWT	Z4						
05909	XA213	56	XA214	23	16B	9	MDR26A	03				SWT	Z4						
05957	XA214	23	XA213	23	16B	9	MDR26A	04				SWT	Z2						
05876	XA213	23					MDR26A	05				SWT	Z2						
05600	XA209	71	XA210	23	16B	9	MDR27A	00				SWT	Z5						
05633	XA210	23	XA210	56	16B	9	MDR27A	01				SWT	Z2						
05667	XA210	56	XA207	71	16B	9	MDR27A	02				SWT	Z4						
05439	XA207	71	XA318	22	16B	9	MDR27A	03				SWT	Z5						
20582	XA318	22					MDR27A	04	MDR27A	00	1	TQ2	B1	12A				BIT 27 SOURCE TMNG	
08464	XA314	56	XA313	56	16B	9	MDR28A	01				SWT	Z4						
08382	XA313	56	XA313	23	16B	9	MDR28A	02				SWT	Z4						
08349	XA313	23	XA314	23	16B	9	MDR28A	03				SWT	Z2						
08430	XA314	23	XA318	14	16B	9	MDR28A	04				SWT	Z2						
20585	XA318	14					MDR28A	05	MDR28A	00	1	TQ2	B2	09A				BIT 28 SOURCE TMNG	
07913	XA307	71	XA309	71	16B	9	MDR29A	01				SWT	Z5						
08073	XA309	71	XA311	71	16B	9	MDR29A	02				SWT	Z5						
08237	XA311	71	XA313	71	16B	9	MDR29A	03				SWT	Z5						
08397	XA313	71	XA318	21	16B	9	MDR29A	04				SWT	Z5						
20590	XA318	21					MDR29A	05	MDR29A	00	1	TQ2	B3	10B				BIT 29 SOURCE TMNG	
11457	XA419	56	XA418	56	16B	9	MDR30A	01				SWT	Z4						
11376	XA418	56	XA419	23	16B	9	MDR30A	02				SWT	Z4						
11423	XA419	23	XA418	23	16B	9	MDR30A	03				SWT	Z2						
11343	XA418	23	XA318	27	16B	9	MDR30A	04				SWT	Z2						
20593	XA318	27					MDR30A	05	MDR30A	00	1	TQ2	B4	13B				BIT 30 SOURCE TMNG	
14330	XA512	56	XA511	56	16B	9	MDR31A	01				SWT	Z4						
14250	XA511	56	XA511	23	16B	9	MDR31A	02				SWT	Z4						
14217	XA511	23	XA512	23	16B	9	MDR31A	03				SWT	Z2						
14297	XA512	23	XA318	38	16B	9	MDR31A	04				SWT	Z2						
20594	XA318	38					MDR31A	05	MDR31A	00	1	TQ2	C1	18A				BIT 31 SOURCE TMNG	
11527	XA421	38	XA434	45	16B	9	MDSBRA1	01				RR1	C5						
20598	XA434	45	XA432	23	16B	9	MDSBRA1	02	MDSBRA1	00	1	TD4	D2	24B				S/B RCVD PORT D *	
							****	SIGNAL	(MDSBRA1)			IS ON THE	NEXT PAGE	****					

DRAWING NUMBER 149304-800 STRING UNIT ASSEMBLY NO.149304 REV G INDEX MDSBRA1  
 UNIT ASSEMBLY NAME CARD CAGE WIRED, MCU FILE IDENT T39AMCMU DATE 09-02-82 PAGE 111

20602	XA432	23		XA241	62		16B	9		MDSBRA1	03	MDSHDO	01	1	TQ2	B4		11B	
21400	XA241	62								MDSBRA1	04	MPSBRS	01	4	TS8	E1		29A	
20307	XA431	11		XA431	24		16B	9		MDSHDO	01	MDHDSA	01	2	TT3	A3		05B	
20304	XA431	24		XA432	27		16B	9		MDSHDO	02	MDHRA	01	2	TT3	B1		13A	
20604	XA432	27								MDSHDO	03	MDSHDO	00	1	TQ2	B4		13B	PORT D HOLD SAMPLE
20608	XA316	15		XA316	09		16B	9	P	MUWAZA	01	MDWIAB	04	1	TQ2	A4		07B	
20607	XA316	09		XA316	01		16B	9	P	MUWAYA	02	MDWIAB	03	1	TQ2	A3		04B	
20605	XA316	01		XA316	06		16B	9	P	MUWAXA	03	MDWIAB	02	1	TQ2	A2		02B	
20606	XA316	06		XA118	76		16B	9	P	MUWAWA	04	MDWIAB	01	1	TQ2	A1		05A	BIT SWT SINK TMNG
02277	XA118	76		XA120	76		16B	9		MDWIAB	05				SWT	Z5			
02437	XA120	76		XA121	55		16B	9		MDWIAB	06				SWT	Z5			
02496	XA121	55		XA120	55		16B	9		MDWIAB	07				SWT	Z4			
02416	XA120	55		XA119	55		16B	9		MDWIAB	08				SWT	Z4			
02336	XA119	55		XA118	55		16B	9		MDWIAB	09				SWT	Z4			
02256	XA118	55		XA117	55		16B	9		MDWIAB	10				SWT	Z4			
02175	XA117	55		XA116	55		16B	9		MDWIAB	11				SWT	Z4			
02093	XA116	55		XA115	55		16B	9		MDWIAB	12				SWT	Z4			
02013	XA115	55		XA114	55		16B	9		MDWIAB	13				SWT	Z4			
01931	XA114	55		XA113	55		16B	9		MDWIAB	14				SWT	Z4			
01850	XA113	55		XA112	55		16B	9		MDWIAB	15				SWT	Z4			
01770	XA112	55		XA111	55		16B	9		MDWIAB	16				SWT	Z4			
01690	XA111	55		XA110	55		16B	9		MDWIAB	17				SWT	Z4			
01610	XA110	55		XA110	25		16B	9		MDWIAB	18				SWT	Z4			
01579	XA110	25		XA111	25		16B	9		MDWIAB	19				SWT	Z2			
01660	XA111	25		XA112	25		16B	9		MDWIAB	20				SWT	Z2			
01740	XA112	25		XA113	25		16B	9		MDWIAB	21				SWT	Z2			
01820	XA113	25		XA114	25		16B	9		MDWIAB	22				SWT	Z2			
01900	XA114	25		XA115	25		16B	9		MDWIAB	23				SWT	Z2			
01982	XA115	25		XA116	25		16B	9		MDWIAB	24				SWT	Z2			
02063	XA116	25		XA117	25		16B	9		MDWIAB	25				SWT	Z2			
02144	XA117	25		XA118	25		16B	9		MDWIAB	26				SWT	Z2			
02225	XA118	25		XA119	25		16B	9		MDWIAB	27				SWT	Z2			
02306	XA119	25		XA120	25		16B	9		MDWIAB	28				SWT	Z2			
02386	XA120	25		XA121	25		16B	9		MDWIAB	29				SWT	Z2			
02466	XA121	25								MDWIAB	30				SWT	Z2			
20612	XA316	27		XA316	21		16B	9	P	MUWBZA	01	MDWIBB	04	1	TQ2	B4		13B	
20610	XA316	21		XA316	22		16B	9	P	MUWBZA	02	MDWIBB	03	1	TQ2	B3		10B	
20611	XA316	22		XA316	14		16B	9	P	MUWBWA	03	MDWIBB	01	1	TQ2	B1		12A	BIT SWT SINK TMNG
20609	XA316	14		XA213	76		16B	9	P	MUWBXA	04	MDWIBB	02	1	TQ2	B2		09A	
05929	XA213	76		XA211	76		16B	9		MDWIBB	05				SWT	Z5			
05768	XA211	76		XA209	76		16B	9		MDWIBB	06				SWT	Z5			
05605	XA209	76		XA207	76		16B	9		MDWIBB	07				SWT	Z5			
05444	XA207	76		XA206	55		16B	9		MDWIBB	08				SWT	Z5			
05341	XA206	55		XA207	55		16B	9		MDWIBB	09				SWT	Z4			
05423	XA207	55		XA208	55		16B	9		MDWIBB	10				SWT	Z4			
05504	XA208	55		XA209	55		16B	9		MDWIBB	11				SWT	Z4			
05584	XA209	55		XA210	55		16B	9		MDWIBB	12				SWT	Z4			
							****	SIGNAL		(MDWIBB)					IS ON THE	NEXT PAGE	****		

DRAWING NUMBER 149304-800 STRING UNIT ASSEMBLY NO.149304 REV G INDEX MDWIBB  
 UNIT ASSEMBLY NAME CARD CAGE WIRED, MCU FILE IDENT T39AMCMU DATE 09-02-82 PAGE 112

QTY	GROUP	PLANE	AND/OR	TYPE	QTY	GROUP	PLANE	AND/OR	TYPE
05666		XA210	55		XA211	55			168 9 MDWIBB 13 SWT Z4
05747		XA211	55		XA212	55			168 9 MDWIBB 14 SWT Z4
05828		XA212	55		XA213	55			168 9 MDWIBB 15 SWT Z4
05908		XA213	55		XA214	55			168 9 MDWIBB 16 SWT Z4
05990		XA214	55		XA214	25			168 9 MDWIBB 17 SWT Z4
05959		XA214	25		XA213	25			168 9 MDWIBB 18 SWT Z2
05878		XA213	25		XA212	25			168 9 MDWIBB 19 SWT Z2
05798		XA212	25		XA211	25			168 9 MDWIBB 20 SWT Z2
05716		XA211	25		XA210	25			168 9 MDWIBB 21 SWT Z2
05635		XA210	25		XA209	25			168 9 MDWIBB 22 SWT Z2
05554		XA209	25		XA208	25			168 9 MDWIBB 23 SWT Z2
05474		XA208	25		XA207	25			168 9 MDWIBB 24 SWT Z2
05392		XA207	25		XA206	25			168 9 MDWIBB 25 SWT Z2
05310		XA206	25		XA110	76			168 9 MDWIBB 26 SWT Z2
01631		XA110	76		XA112	76			168 9 MDWIBB 27 SWT Z5
01791		XA112	76		XA114	76			168 9 MDWIBB 28 SWT Z5
01952		XA114	76		XA116	76			168 9 MDWIBB 29 SWT Z5
02114		XA116	76						168 9 MDWIBB 30 SWT Z5
07897		XA307	55		XA307	25			168 9 MDWICB 01 SWT Z4
07866		XA307	25		XA308	25			168 9 MDWICB 02 SWT Z2
07947		XA308	25		XA309	25			168 9 MDWICB 03 SWT Z2
08027		XA309	25		XA310	25			168 9 MDWICB 04 SWT Z2
08108		XA310	25		XA311	25			168 9 MDWICB 05 SWT Z2
08190		XA311	25		XA312	25			168 9 MDWICB 06 SWT Z2
08271		XA312	25		XA313	25			168 9 MDWICB 07 SWT Z2
08351		XA313	25		XA314	25			168 9 MDWICB 08 SWT Z2
08432		XA314	25		XA316	30			168 9 MDWICB 09 SWT Z2
20613		XA316	30		XA316	33			168 9 P MUWCXA 10 MDWICB 02 1 TQ2 C2 15A
20614		XA316	33		XA316	38			168 9 P MUWCYA 11 MDWICB 03 1 TQ2 C3 16B
20615		XA316	38		XA316	39			168 9 P MUWCWA 12 MDWICB 01 1 TQ2 C1 18A BIT SWT SINK TMNG
20616		XA316	39		XA314	55			168 9 P MUWCZA 13 MDWICB 04 1 TQ2 C4 19B
08463		XA314	55		XA313	55			168 9 MDWICB 14 SWT Z4
08381		XA313	55		XA312	55			168 9 MDWICB 15 SWT Z4
08301		XA312	55		XA311	55			168 9 MDWICB 16 SWT Z4
08221		XA311	55		XA310	55			168 9 MDWICB 17 SWT Z4
08139		XA310	55		XA309	55			168 9 MDWICB 18 SWT Z4
08057		XA309	55		XA308	55			168 9 MDWICB 19 SWT Z4
07977		XA308	55		XA307	76			168 9 MDWICB 20 SWT Z4
07918		XA307	76		XA309	76			168 9 MDWICB 21 SWT Z5
08078		XA309	76		XA311	76			168 9 MDWICB 22 SWT Z5
08242		XA311	76		XA313	76			168 9 MDWICB 23 SWT Z5
08402		XA313	76		XA416	25			168 9 MDWICB 24 SWT Z5
11185		XA416	25		XA417	25			168 9 MDWICB 25 SWT Z2
11265		XA417	25		XA418	25			168 9 MDWICB 26 SWT Z2
11345		XA418	25		XA419	25			168 9 MDWICB 27 SWT Z2
11425		XA419	25		XA419	55			168 9 MDWICB 28 SWT Z2
11456		XA419	55		XA418	55			168 9 MDWICB 29 SWT Z4
11375		XA418	55		XA417	55			168 9 MDWICB 30 SWT Z4
11295		XA417	55		XA416	55			168 9 MDWICB 31 SWT Z4
									**** SIGNAL (MDWICB) IS ON THE NEXT PAGE ****

DRAWING NUMBER 149304-800 STRING UNIT ASSEMBLY NO. 149304 REV G INDEX MDWICB  
 UNIT ASSEMBLY NAME CARD CAGE WIRED, MCU FILE IDENT T9AMCU DATE 09-02-82 PAGE 113

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	PL	PREFIX	CONNECTOR	PIN	PL	MULTI GROUP	CODE	COLOR	IDENT												SPEC INSTE MISC
I1215		XA416	55										MDWTCB	32				SWT	Z4					
13844		XA506	55		XA505	55			16B	9			MDWIDB	01				SWT	Z4					
13766		XA505	55		XA504	55			16B	9			MDWIDB	02				SWT	Z4					
13684		XA504	55		XA503	55			16B	9			MDWIDB	03				SWT	Z4					
13598		XA503	55		XA503	25			16B	9			MDWIDB	04				SWT	Z4					
13566		XA503	25		XA504	25			16B	9			MDWIDB	05				SWT	Z2					
13651		XA504	25		XA505	25			16B	9			MDWIDB	06				SWT	Z2					
13736		XA505	25		XA506	25			16B	9			MDWIDB	07				SWT	Z2					
13816		XA506	25		XA408	76			16B	9			MDWIDB	08				SWT	Z2					
10591		XA408	76		XA410	76			16B	9			MDWIDB	09				SWT	Z5					
10751		XA410	76		XA412	76			16B	9			MDWIDB	10				SWT	Z5					
10911		XA412	76		XA414	76			16B	9			MDWIDB	11				SWT	Z5					
11075		XA414	76		XA415	55			16B	9			MDWIDB	12				SWT	Z5					
11135		XA415	55		XA414	55			16B	9			MDWIDB	13				SWT	Z4					
11054		XA414	55		XA413	55			16B	9			MDWIDB	14				SWT	Z4					
10972		XA413	55		XA412	55			16B	9			MDWIDB	15				SWT	Z4					
10890		XA412	55		XA411	55			16B	9			MDWIDB	16				SWT	Z4					
10810		XA411	55		XA410	55			16B	9			MDWIDB	17				SWT	Z4					
10730		XA410	55		XA409	55			16B	9			MDWIDB	18				SWT	Z4					
10650		XA409	55		XA408	55			16B	9			MDWIDB	19				SWT	Z4					
10570		XA408	55		XA408	25			16B	9			MDWIDB	20				SWT	Z4					
10539		XA408	25		XA409	25			16B	9			MDWIDB	21				SWT	Z2					
10620		XA409	25		XA410	25			16B	9			MDWIDB	22				SWT	Z2					
10700		XA410	25		XA411	25			16B	9			MDWIDB	23				SWT	Z2					
10780		XA411	25		XA412	25			16B	9			MDWIDB	24				SWT	Z2					
10860		XA412	25		XA413	25			16B	9			MDWIDB	25				SWT	Z2					
10941		XA413	25		XA414	25			16B	9			MDWIDB	26				SWT	Z2					
11023		XA414	25		XA415	25			16B	9			MDWIDB	27				SWT	Z2					
11104		XA415	25		XA316	51			16B	9			MDWIDB	28				SWT	Z2					
20619		XA316	51		XA316	52			16B	9		P	MUWZXA	29	MDWIDB	04	1	TQ2	D4		27B			
20620		XA316	52		XA316	46			16B	9		P	MUWDXA	30	MDWIDB	01	1	TQ2	D1		24A			
20618		XA316	46		XA316	45			16B	9		P	MUWDYA	31	MDWIDB	02	1	TQ2	D2		21A			
20617		XA316	45									P	MUWDYA	32	MDWIDB	03	1	TQ2	D3		24B			
13619		XA503	76		XA505	76			16B	9			MDWIEB	01				SWT	Z5					
13787		XA505	76		XA507	76			16B	9			MDWIEB	02				SWT	Z5					
13947		XA507	76		XA509	76			16B	9			MDWIEB	03				SWT	Z5					
14109		XA509	76		XA511	76			16B	9			MDWIEB	04				SWT	Z5					
14270		XA511	76		XA513	76			16B	9			MDWIEB	05				SWT	Z5					
14431		XA513	76		XA514	55			16B	9			MDWIEB	06				SWT	Z5					
14492		XA514	55		XA513	55			16B	9			MDWIEB	07				SWT	Z4					
14410		XA513	55		XA512	55			16B	9			MDWIEB	08				SWT	Z4					
14329		XA512	55		XA511	55			16B	9			MDWIEB	09				SWT	Z4					
14249		XA511	55		XA510	55			16B	9			MDWIEB	10				SWT	Z4					
14169		XA510	55		XA509	55			16B	9			MDWIEB	11				SWT	Z4					
14088		XA509	55		XA508	55			16B	9			MDWIEB	12				SWT	Z4					
14006		XA508	55		XA507	55			16B	9			MDWIEB	13				SWT	Z4					
13926		XA507	55		XA507	25			16B	9			MDWIEB	14				SWT	Z4					
13896		XA507	25		XA508	25			16B	9			MDWIEB	15				SWT	Z2					
									***				SIGNAL (MDWIEB)										IS ON THE NEXT PAGE	****

DRAWING NUMBER 149304-800 STRING UNIT ASSEMBLY NO.149304 REV G INDEX MDWIEB  
 UNIT ASSEMBLY NAME CARD CAGE WIRED, MCU FILE IDENT T39MACU DATE 09-02-82 PAGE 114

RECORD NUMBER	FROM				TO				WIRE				SFC 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
	PREFIX	CONNECTOR	PIN	SR FC	PREFIX	CONNECTOR	PIN	SR FC	MULTI GROUP	CODE	COLOR	IDENT												
13976		XA508	25			XA509	25			16B	9		MDWIEB	16				SWT	Z2					
14057		XA509	25			XA510	25			16B	9		MDWIEB	17				SWT	Z2					
14139		XA510	25			XA511	25			16B	9		MDWIEB	18				SWT	Z2					
14219		XA511	25			XA512	25			16B	9		MDWIEB	19				SWT	Z2					
14299		XA512	25			XA513	25			16B	9		MDWIEB	20				SWT	Z2					
14379		XA513	25			XA514	25			16B	9		MDWIEB	21				SWT	Z2					
14461		XA514	25			XA416	76			16B	9		MDWIEB	22				SWT	Z2					
11236		XA416	76			XA418	76			16B	9		MDWIEB	23				SWT	Z5					
11396		XA418	76			XA316	66			16B	9		MDWIEB	24				SWT	Z5					
20624		XA316	66			XA316	63			16B	9	P	MUWEWA	25	MDWIEB	01	1	TQ2	F1		31A	BIT SWT SINK TMNG		
20623		XA316	63			XA316	57			16B	9	P	MUWEZA	26	MDWIEB	04	1	TQ2	E4		33B			
20621		XA316	57			XA316	60			16B	9	P	MUWEYA	27	MDWIEB	03	1	TQ2	E3		30B			
20622		XA316	60									P	MUWEXA	28	MDWIEB	02	1	TQ2	E2		28A			
20625		XA217	06			XA514	06			16B	9		MDWOPA	01	MDWOPA	00	1	TQ2	A1		05A	BIT OP SOURCE TMNG		
14441		XA514	06			XA513	06			16B	9		MDWOPA	02				SWT	Z1					
14360		XA513	06			XA514	37			16B	9		MDWOPA	03				SWT	Z1					
14473		XA514	37			XA513	37			16B	9		MDWOPA	04				SWT	Z3					
14391		XA513	37										MDWOPA	05				SWT	Z3					
13579		XA503	37			XA504	37			16B	9		MDW00A	01				SWT	Z3					
13665		XA504	37			XA503	06			16B	9		MDW00A	02				SWT	Z3					
13545		XA503	06			XA504	06			16B	9		MDW00A	03				SWT	Z1					
13630		XA504	06			XA217	01			16B	9		MDW00A	04				SWT	Z1					
20628		XA217	01										MDW00A	05	MDW00A	00	1	TQ2	A2		02B	BIT 00 SOURCE TMNG		
13748		XA505	37			XA506	37			16B	9		MDW01A	01				SWT	Z3					
13828		XA506	37			XA505	06			16B	9		MDW01A	02				SWT	Z3					
13717		XA505	06			XA506	06			16B	9		MDW01A	03				SWT	Z1					
13797		XA506	06			XA217	09			16B	9		MDW01A	04				SWT	Z1					
20633		XA217	09										MDW01A	05	MDW01A	00	1	TQ2	A3		04B	BIT 01 SOURCE TMNG		
10551		XA408	37			XA409	37			16B	9		MDW02A	01				SWT	Z3					
10632		XA409	37			XA408	06			16B	9		MDW02A	02				SWT	Z3					
10519		XA408	06			XA409	06			16B	9		MDW02A	03				SWT	Z1					
10601		XA409	06			XA217	15			16B	9		MDW02A	04				SWT	Z1					
20636		XA217	15										MDW02A	05	MDW02A	00	1	TQ2	A4		07B	BIT 02 SOURCE TMNG		
20637		XA217	22			XA411	06			16B	9		MDW03A	01	MDW03A	00	1	TQ2	B1		12A	BIT 03 SOURCE TMNG		
10761		XA411	06			XA410	06			16B	9		MDW03A	02				SWT	Z1					
10681		XA410	06			XA411	37			16B	9		MDW03A	03				SWT	Z1					
10792		XA411	37			XA410	37			16B	9		MDW03A	04				SWT	Z3					
10712		XA410	37										MDW03A	05				SWT	Z3					
07878		XA307	37			XA308	37			16B	9		MDW04A	01				SWT	Z3					
07959		XA308	37			XA307	06			16B	9		MDW04A	02				SWT	Z3					
07846		XA307	06			XA308	06			16B	9		MDW04A	03				SWT	Z1					
07928		XA308	06			XA217	14			16B	9		MDW04A	04				SWT	Z1					
20640		XA217	14										MDW04A	05	MDW04A	00	1	TQ2	B2		09A	BIT 04 SOURCE TMNG		
										****		SIGNAL	MDW05A		IS ON THE		NEXT PAGE	****						

DRAWING NUMBER 149304-800 STRING UNIT ASSEMBLY NO.149304 REV G INDEX MDW05A  
 UNIT ASSEMBLY NAME CARD CAGE WIRED, MCU FILE IDENT T39MACU DATE 09-02-82 PAGE 115

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 PG	PREFIX	CONNECTOR	PIN	SH PG	MULTI GROUP	CODE	COLOR	IDENT									SPEC INST MISC	AND		
05322		XA206	37			XA207	37			16B	9		MDW05A	01				SWT	Z3					
05404		XA207	37			XA206	06			16B	9		MDW05A	02				SWT	Z3					
05290		XA206	06			XA207	06			16B	9		MDW05A	03				SWT	Z1					
05372		XA207	06			XA217	21			16B	9		MDW05A	04				SWT	Z1					
20645		XA217	21										MDW05A	05	MDW05A	00	1	TQ2	B3		10B	BIT 05 SOURCE TMNG		
01641		XA111	06			XA110	06			16B	9		MDW06A	01				SWT	Z1					
01559		XA110	06			XA110	37			16B	9		MDW06A	02				SWT	Z1					
01591		XA110	37			XA111	37			16B	9		MDW06A	03				SWT	Z3					
01672		XA111	37			XA217	27			16B	9		MDW06A	04				SWT	Z3					
20648		XA217	27										MDW06A	05	MDW06A	00	1	TQ2	B4		13B	BIT 06 SOURCE TMNG		
01801		XA113	06			XA112	06			16B	9		MDW07A	01				SWT	Z1					
01721		XA112	06			XA112	37			16B	9		MDW07A	02				SWT	Z1					
01752		XA112	37			XA113	37			16B	9		MDW07A	03				SWT	Z3					
01832		XA113	37			XA217	38			16B	9		MDW07A	04				SWT	Z3					
20649		XA217	38										MDW07A	05	MDW07A	00	1	TQ2	C1		18A	BIT 07 SWT TMNG		
01962		XA115	06			XA114	06			16B	9		MDW08A	01				SWT	Z1					
01881		XA114	06			XA114	37			16B	9		MDW08A	02				SWT	Z1					
01912		XA114	37			XA115	37			16B	9		MDW08A	03				SWT	Z3					
01994		XA115	37			XA217	30			16B	9		MDW08A	04				SWT	Z3					
20652		XA217	30										MDW08A	05	MDW08A	00	1	TQ2	C2		15A	BIT 08 SOURCE TMNG		
02124		XA117	06			XA116	06			16B	9		MDW09A	01				SWT	Z1					
02044		XA116	06			XA116	37			16B	9		MDW09A	02				SWT	Z1					
02075		XA116	37			XA117	37			16B	9		MDW09A	03				SWT	Z3					
02156		XA117	37			XA217	33			16B	9		MDW09A	04				SWT	Z3					
20657		XA217	33										MDW09A	05	MDW09A	00	1	TQ2	C3		16B	BIT 09 SWT TMNG		
05535		XA209	06			XA208	06			16B	9		MDW10A	01				SWT	Z1					
05454		XA208	06			XA208	37			16B	9		MDW10A	02				SWT	Z1					
05486		XA208	37			XA209	37			16B	9		MDW10A	03				SWT	Z3					
05566		XA209	37			XA217	39			16B	9		MDW10A	04				SWT	Z3					
20660		XA217	39										MDW10A	05	MDW10A	00	1	TQ2	C4		19B	BIT 10 SWT TMNG		
08039		XA309	37			XA310	37			16B	9		MDW11A	01				SWT	Z3					
08120		XA310	37			XA309	06			16B	9		MDW11A	02				SWT	Z3					
08008		XA309	06			XA310	06			16B	9		MDW11A	03				SWT	Z1					
08088		XA310	06			XA217	52			16B	9		MDW11A	04				SWT	Z1					
20661		XA217	52										MDW11A	05	MDW11A	00	1	TQ2	D1		24A	BIT 11 SWT TMNG		
10872		XA412	37			XA413	37			16B	9		MDW12A	01				SWT	Z3					
10953		XA413	37			XA412	06			16B	9		MDW12A	02				SWT	Z3					
10841		XA412	06			XA413	06			16B	9		MDW12A	03				SWT	Z1					
10921		XA413	06			XA217	46			16B	9		MDW12A	04				SWT	Z1					
20664		XA217	46										MDW12A	05	MDW12A	00	1	TQ2	D2		21A	BIT 12 SWT TMNG		
20669		XA217	45			XA415	06			16B	9		MDW13A	01	MDW13A	00	1	TQ2	D3		24B	BIT 13 SWT TMNG		
11085		XA415	06			XA414	06			16B	9		MDW13A	02				SWT	Z1					
										****	SIGNAL	(MDW13A)			IS ON THE	NEXT PAGE	****							

DRAWING NUMBER 149304-800 STRING  
 UNIT ASSEMBLY NAME CARD CAGE WIRED, MCU

UNIT ASSEMBLY NO.149304  
 FILE IDENT T39MACU

REV G INDEX MDW13A  
 DATE 09-02-82 PAGE 116

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/FC	PREFIX	CONNECTOR	PIN	SH/FC	MULTI GROUP	CODE	COLOR	IDENT									SPEC INST	MISC		
11003		XA414	06			XA415	37			168	9		MDW13A	03				SWT	Z1					
11116		XA415	37			XA414	37			168	9		MDW13A	04				SWT	Z3					
11035		XA414	37										MDW13A	05				SWT	Z3					
13908		XA507	37			XA508	37			168	9		MDW14A	01				SWT	Z3					
13988		XA508	37			XA507	06			168	9		MDW14A	02				SWT	Z3					
13877		XA507	06			XA508	06			168	9		MDW14A	03				SWT	Z1					
13957		XA508	06			XA217	51			168	9		MDW14A	04				SWT	Z1					
20672		XA217	51										MDW14A	05	MDW14A	00	1	TQ2	D4		27B	BIT 14 SWT TMNG		
20673		XA217	66			XA510	06			168	9		MDW15A	01	MDW15A	00	1	TQ2	E1		31A	BIT 15 SWT TMNG		
14119		XA510	06			XA509	06			168	9		MDW15A	02				SWT	Z1					
14037		XA509	06			XA510	37			168	9		MDW15A	03				SWT	Z1					
14151		XA510	37			XA509	37			168	9		MDW15A	04				SWT	Z3					
14069		XA509	37										MDW15A	05				SWT	Z3					
13702		XA504	71			XA506	71			168	9		MDW16A	01				SWT	Z5					
13862		XA506	71			XA508	71			168	9		MDW16A	02				SWT	Z5					
14022		XA508	71			XA510	71			168	9		MDW16A	03				SWT	Z5					
14185		XA510	71			XA217	60			168	9		MDW16A	04				SWT	Z5					
20676		XA217	60										MDW16A	05	MDW16A	00	1	TQ2	E2		28A	BIT 16 SWT TMNG		
14345		XA512	71			XA514	71			168	9		MDW17A	01				SWT	Z5					
14508		XA514	71			XA417	71			168	9		MDW17A	02				SWT	Z5					
11311		XA417	71			XA419	71			168	9		MDW17A	03				SWT	Z5					
11472		XA419	71			XA217	57			168	9		MDW17A	04				SWT	Z5					
20681		XA217	57										MDW17A	05	MDW17A	00	1	TQ2	E3		30B	BIT 17 SWT TMNG		
20684		XA217	63			XA417	06			168	9		MDW18A	01	MDW18A	00	1	TQ2	E4		33B	BIT 18 SWT TMNG		
11246		XA417	06			XA416	06			168	9		MDW18A	02				SWT	Z1					
11166		XA416	06			XA417	37			168	9		MDW18A	03				SWT	Z1					
11277		XA417	37			XA416	37			168	9		MDW18A	04				SWT	Z3					
11197		XA416	37										MDW18A	05				SWT	Z3					
10666		XA409	71			XA411	71			168	9		MDW19A	01				SWT	Z5					
10826		XA411	71			XA413	71			168	9		MDW19A	02				SWT	Z5					
10988		XA413	71			XA415	71			168	9		MDW19A	03				SWT	Z5					
11151		XA415	71			XA217	75			168	9		MDW19A	04				SWT	Z5					
20685		XA217	75										MDW19A	05	MDW19A	00	1	TQ2	F1		37B	BIT 19 SWT TMNG		
08202		XA311	37			XA312	37			168	9		MDW20A	01				SWT	Z3					
08283		XA312	37			XA311	06			168	9		MDW20A	02				SWT	Z3					
08170		XA311	06			XA312	06			168	9		MDW20A	03				SWT	Z1					
08252		XA312	06			XA217	72			168	9		MDW20A	04				SWT	Z1					
20689		XA217	72										MDW20A	05	MDW20A	00	1	TQ2	F2		34A	BIT 20 SWT TMNG		
05778		XA212	06			XA211	06			168	9		MDW21A	01				SWT	Z1					
05697		XA211	06			XA211	37			168	9		MDW21A	02				SWT	Z1					
05728		XA211	37			XA212	37			168	9		MDW21A	03				SWT	Z3					
05810		XA212	37			XA217	69			168	9		MDW21A	04				SWT	Z3					
												****	SIGNAL	(MDW21A)	IS ON THE	NEXT PAGE	****							



DRAWING NUMBER 149304-800 STRING  
 UNIT ASSEMBLY NAME CARD CAGE WIRED, MCU

UNIT ASSEMBLY NO.149304  
 FILE IDENT T39MACU

REV G INDEX MDW21A  
 DATE 09-02-82 PAGE 117

RECORD NUMBER	FROM			TO			WIRE				SFC 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	
	PREFIX	CONNECTOR	PIN	SFC	PREFIX	CONNECTOR	PIN	SFC	MULTI GROUP	CODE													COLOR
20692		XA217	69										MDW21A	05	MDW21A	00	1	TQ2	F3		35A	BIT 21 SWT TMNG	
02287		XA119	06		XA118	06				16B	9		MDW22A	01				SWT	Z1				
02206		XA118	06		XA118	37				16B	9		MDW22A	02				SWT	Z1				
02237		XA118	37		XA119	37				16B	9		MDW22A	03				SWT	Z3				
02318		XA119	37		XA217	80				16B	9		MDW22A	04				SWT	Z3				
20696		XA217	80										MDW22A	05	MDW22A	00	1	TQ2	F4		39A	BIT 22 SWT TMNG	
01706		XA111	71		XA113	71				16B	9		MDW23A	01				SWT	Z5				
01866		XA113	71		XA115	71				16B	9		MDW23A	02				SWT	Z5				
02029		XA115	71		XA117	71				16B	9		MDW23A	03				SWT	Z5				
02191		XA117	71		XA317	06				16B	9		MDW23A	04				SWT	Z5				
20697		XA317	06										MDW23A	05	MDW23A	00	1	TQ2	A1		05A	BIT 23 SWT TMNG	
02447		XA121	06		XA120	06				16B	9		MDW24A	01				SWT	Z1				
02367		XA120	06		XA121	37				16B	9		MDW24A	02				SWT	Z1				
02478		XA121	37		XA120	37				16B	9		MDW24A	03				SWT	Z3				
02398		XA120	37		XA317	01				16B	9		MDW24A	04				SWT	Z3				
20700		XA317	01										MDW24A	05	MDW24A	00	1	TQ2	A2		02B	BIT 24 SWT TMNG	
20705		XA317	09		XA212	71				16B	9		MDW25A	01	MDW25A	00	1	TQ2	A3		04B	BIT 25 SWT TMNG	
05844		XA212	71		XA214	71				16B	9		MDW25A	02				SWT	Z5				
06006		XA214	71		XA119	71				16B	9		MDW25A	03				SWT	Z5				
02352		XA119	71		XA121	71				16B	9		MDW25A	04				SWT	Z5				
02512		XA121	71										MDW25A	05				SWT	Z5				
05939		XA214	06		XA213	06				16B	9		MDW26A	01				SWT	Z1				
05859		XA213	06		XA213	37				16B	9		MDW26A	02				SWT	Z1				
05890		XA213	37		XA214	37				16B	9		MDW26A	03				SWT	Z3				
05971		XA214	37		XA317	15				16B	9		MDW26A	04				SWT	Z3				
20708		XA317	15										MDW26A	05	MDW26A	00	1	TQ2	A4		07B	BIT 26 SWT TMNG	
05615		XA210	06		XA210	37				16B	9		MDW27A	01				SWT	Z1				
05647		XA210	37		XA208	71				16B	9		MDW27A	02				SWT	Z3				
05520		XA208	71		XA210	71				16B	9		MDW27A	03				SWT	Z5				
05682		XA210	71		XA317	22				16B	9		MDW27A	04				SWT	Z5				
20709		XA317	22										MDW27A	05	MDW27A	00	1	TQ2	B1		12A	BIT 27 SWT TMNG	
08363		XA313	37		XA314	37				16B	9		MDW28A	01				SWT	Z3				
08444		XA314	37		XA313	06				16B	9		MDW28A	02				SWT	Z3				
08332		XA313	06		XA314	06				16B	9		MDW28A	03				SWT	Z1				
08412		XA314	06		XA317	14				16B	9		MDW28A	04				SWT	Z1				
20712		XA317	14										MDW28A	05	MDW28A	00	1	TQ2	B2		09A	BIT 28 SWT TMNG	
07993		XA308	71		XA310	71				16B	9		MDW29A	01				SWT	Z5				
08155		XA310	71		XA312	71				16B	9		MDW29A	02				SWT	Z5				
08317		XA312	71		XA314	71				16B	9		MDW29A	03				SWT	Z5				
08479		XA314	71		XA317	21				16B	9		MDW29A	04				SWT	Z5				
20717		XA317	21										MDW29A	05	MDW29A	00	1	TQ2	B3		10B	BIT 29 SWT TMNG	
										****	SIGNAL		MDW30A		IS ON THE		NEXT PAGE	****					

DRAWING NUMBER 149304-800 STRING UNIT ASSEMBLY NO.149304 REV G INDEX MDW30A  
 UNIT ASSEMBLY NAME CARD CAGE WIRED, MCU FILE IDENT T39MACU DATE 09-02-82 PAGE 118

RECORD NUMBER	FROM				TO				WIRE				SIGNAL	SEQ NO	EQUATION	TERM	FACTOR	CKT OR CHIP TYPE	GROUP	LOAD OR POWER PLANE	TEST POINTS		SIGNAL DESCRIPTION
	PREFIX	CONNECTOR	PIN	SH PG	PREFIX	CONNECTOR	PIN	SH PG	MULTI GROUP	CODE	COLOR	IDENT									SPEC INST WIRE	AND	
11357		XA418	37			XA419	37			16B	9		MDW30A	01				SWT	Z3				
11437		XA419	37			XA419	06			16B	9		MDW30A	02				SWT	Z3				
11406		XA419	06			XA418	06			16B	9		MDW30A	03				SWT	Z1				
11326		XA418	06			XA317	27			16B	9		MDW30A	04				SWT	Z1				
20720		XA317	27										MDW30A	05	MDW30A	00	1	TQ2	B4		12B	BIT 30 SWT TMNG	
14231		XA511	37			XA512	37			16B	9		MDW31A	01				SWT	Z3				
14311		XA512	37			XA511	06			16B	9		MDW31A	02				SWT	Z3				
14200		XA511	06			XA512	06			16B	9		MDW31A	03				SWT	Z1				
14280		XA512	06			XA317	38			16B	9		MDW31A	04				SWT	Z1				
20721		XA317	38										MDW31A	05	MDW31A	00	1	TQ2	C1		18A	BIT 31 SWT TMNG	
20600		XA434	48			XA429	63			16B	9		MDYACA	01	MDSBRA1	01	3	TD4	D2		22A		
20726		XA429	63										MDYACA	02	MDYACA	00	1	TQ2	E4		33B	ADR CONT PRT D *	
10337		XA405	65			XA404	69			16B	9		MDYACDX	00C									
10258		XA404	69			XA401	69			16B	9		MDYACDX	005				EXT					
09980		XA401	69			XA422	65			16B	9		MDYACDX	01				EXT					
20727		XA422	65										MDYACDX	02	MDYACDX	00	1	DCF	D1		32B	ADR CNTR PRT D I/O	
20724		XA429	59			XA430	64			16B	9		MDYACOX	01	MDYACA	01	1	TQ2	E4		31B		
20463		XA430	64			XA422	69			16B	9		MDYACOX	02	MDREQA	01	5	TS8	E1		30A		
20729		XA422	69										MDYACOX	03	MDYACOX	00	1	DCF	D2		33B	ADR CNTR PRT D	
10344		XA405	72			XA404	77			16B	9		MDYAPDX	00C									
10266		XA404	77			XA401	77			16B	9		MDYAPDX	003				EXT					
09988		XA401	77			XA422	55			16B	9		MDYAPDX	01				EXT					
20732		XA422	55										MDYAPDX	02	MDYAPDX	00	1	DCF	C3		30B	ACCEPT PORT D I/O	
20737		XA433	27			XA431	26			16B	9		MDYHCA	01	MDYHCA	00	1	TQ2	B4		13B	HLD CONTROL PRT D *	
20305		XA431	26										MDYHCA	02	MDHDRA	01	3	TT3	B1		14A		
10338		XA405	66			XA404	71			16B	9		MDYHCDX	00C									
10260		XA404	71			XA401	71			16B	9		MDYHCDX	005				EXT					
09982		XA401	71			XA422	78			16B	9		MDYHCDX	01				EXT					
20739		XA422	78										MDYHCDX	02	MDYHCDX	00	1	DCF	D3		37B	HLD CNTRL PT D I/O	
20735		XA433	23			XA431	13			16B	9		MDYHCOX	01	MDYHCA	01	1	TQ2	B4		11B		
20308		XA431	13			XA422	75			16B	9		MDYHCOX	02	MDHDSA	01	3	TT3	A3		06B		
20741		XA422	75										MDYHCOX	03	MDYHCOX	00	1	DCF	D4		36B	HLD CONTROL PRT D	
11531		XA421	42			XA433	01			16B	9		MDYMIA1	01				RR1	D5				
20742		XA433	01			XA241	06			16B	9		MDYMIA1	02	MDYMIA1	00	1	TQ2	A2		02B	INHIBIT PORT D *	
21137		XA241	06										MDYMIA1	03	MPINR0	01	4	TS8	A1		05A		
20746		XA422	80			XA401	67			16B	9		MDYMIDX	01	MDYMIDX	00	1	DCF	D5		38B	INHIBIT PORT D I/O	
09978		XA401	67			XA404	67			16B	9		MDYMIDX	02				EXT					
10256		XA404	67			XA342	76			16B	9		MDYMIDX	03				EXT					
09188		XA342	76										MDYMIDX	04				RR4	H2				
										****	SIGNAL	{MDYMI0X}	IS ON THE NEXT PAGE					****					

DRAWING NUMBER 149304-800 STRING UNIT ASSEMBLY NO.149304 REV G INDEX MDYMIOX  
 UNIT ASSEMBLY NAME CARD CAGE WIRED, MCU FILE IDENT T39MACU DATE 09-02-82 PAGE 119

RECORD NUMBER	FROM				TO				WIRE				SFC 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	
	PREFIX	CONNECTOR	PIN	DR TO	PREFIX	CONNECTOR	PIN	DR TO	MULTI GROUP	CODE	COLOR	IDENT													
20743		XA433	04										MDYMIOX	01	MDYMI A1	01	1	TQ2	A2						
20748		XA422	76		XA422	76				16B	9		MDYMIOX	02	MDYMI OX	00	1	DCF	D6			04A 38A	INHIBIT PORT D		
20749		XA422	61		XA401	79				16B	9		MDYPFDX	01	MDYPFDX	00	1	DCF	D7			33A	PWR FAIL PRT D I/O		
09990		XA401	79		XA404	79				16B	9		MDYPFDX	02				EXT							
10268		XA404	79		XA405	74				16B	9		MDYPFDX	03				EXT							
10346		XA405	74										MDYPFDX	04											
10352		XA405	80		XA404	74				16B	9		MDYS1GX	00C											
10263		XA404	74		XA401	74				16B	9		MDYS1GX	005				EXT							
09985		XA401	74		XA321	51				16B	9		MDYS1GX	01				EXT							
20753		XA321	51										MDYS1GX	02	MDYS1GX	00	1	ACF	E1					SYNC 1 PORT D I/O	
20755		XA321	49		XA401	73				16B	9		MDYS1HX	01	MDYS1HX	00	1	ACF	E2					SYNC 1 PORT D I/O	
09984		XA401	73		XA404	73				16B	9		MDYS1HX	02				EXT							
10262		XA404	73		XA405	77				16B	9		MDYS1HX	03				EXT							
10349		XA405	77										MDYS1HX	04											
20599		XA434	46		XA428	42				16B	9		MDYS1TX	01	MDSBRA1	01	2	TD4	D2			21A			
20329		XA428	42		XA428	34				16B	9		MDYS1TX	02	MDLC2A	01	3	TT3	C1			20A	SYNC 1 PRT D		
20333		XA428	34		XA428	26				16B	9		MDYS1TX	03	MDLC3A	01	3	TT3	C2			16A			
20301		XA428	26		XA428	25				16B	9		MDYS1TX	04	MDHC3A	01	3	TT3	B1			14A			
20324		XA428	25		XA428	18				16B	9		MDYS1TX	05	MDLC1A	01	3	TT3	B3			12B			
20320		XA428	18		XA428	10				16B	9		MDYS1TX	06	MDLCOA	01	3	TT3	B2			10A			
20289		XA428	10		XA428	05				16B	9		MDYS1TX	07	MDHCOA	01	3	TT3	A1			07A			
20292		XA428	05		XA428	13				16B	9		MDYS1TX	08	MDHC1A	01	3	TT3	A2			03B			
20296		XA428	13		XA321	72				16B	9		MDYS1TX	09	MDHC2A	01	3	TT3	A3			06B			
20757		XA321	72										MDYS1TX	10	MDYS1TX	00	1	ACF	E3			38A	SYNC 1 PRT D		
10351		XA405	79		XA404	76				16B	9		MDYS2GX	00C											
10265		XA404	76		XA401	76				16B	9		MDYS2GX	005				EXT							
09987		XA401	76		XA322	51				16B	9		MDYS2GX	01				EXT							
20761		XA322	51										MDYS2GX	02	MDYS2GX	00	1	ACF	E1					SYNC 2 PRT D I/O	
20763		XA322	49		XA401	75				16B	9		MDYS2HX	01	MDYS2HX	00	1	ACF	E2					SYNC 2 PRT D I/O	
09986		XA401	75		XA404	75				16B	9		MDYS2HX	02				EXT							
10264		XA404	75		XA405	78				16B	9		MDYS2HX	03				EXT							
10350		XA405	78										MDYS2HX	04											
10274		XA405	05		XA404	01				16B	9		MDYOPDX	00C											
10190		XA404	01		XA401	01				16B	9		MDYOPDX	005				EXT							
09911		XA401	01		XA422	46				16B	9		MDYOPDX	01				EXT							
20764		XA422	46										MDYOPDX	02	MDYOPDX	00	1	DCF	C1				25B	PRTY BIT PRT D I/O	
20356		XA327	42		XA422	47				16B	9		MDYOPDX	01	MDPOPD	01	2	TLD	C1				20A		
20766		XA422	47										MDYOPDX	02	MDYOPDX	00	1	DCF	C2				26B	PARITY BIT PORT D	
10275		XA405	06		XA404	03				16B	9		MDY00DX	00C											
10192		XA404	03		XA401	03				16B	9		MDY00DX	005				EXT							
09913		XA401	03		XA424	46				16B	9		MDY00DX	01				EXT							
													****	SIGNAL	(MDY00DX)									IS ON THE NEXT PAGE	****

DRAWING NUMBER 149304-800 STRING UNIT ASSEMBLY NO.149304 REV G INDEX MDY00DX  
 UNIT ASSEMBLY NAME CARD CAGE WIRED, MCU FILE IDENT T39MACU DATE 09-02-82 PAGE 120

RECORD NUMBER	FROM				TO				WIRE				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	SHFAC	PREFIX	CONNECTOR	PIN	SHFAC	MULTI GROUP	CODE	COLOR	IDENT												SHFAC
20768		XA424	46										MDY00DX	02	MDY00DX	00	1	DCF	C1		25B	00 BIT PORT D I/O		
20359		XA328	36		XA434	14			16B	9			MDY000X	01	MDP00D	01	2	TLD	C2		17A			
20126		XA434	14		XA424	47			16B	9			MDY000X	02	MDACTA	01	1	TD4	B2		09A			
20770		XA424	47										MDY000X	03	MDY000X	00	1	DCF	C2		26B	00 BIT PORT D		
20772		XA432	01		XA434	18			16B	9			MDY01A	01	MDY01A	00	1	TQ2	A2		02B	01 BIT PORT D *		
20127		XA434	18										MDY01A	02	MDACTA	01	2	TD4	B2		10A			
10276		XA405	07		XA404	05			16B	9			MDY01DX	00C										
10194		XA404	05		XA401	05			16B	9			MDY01DX	005										
09915		XA401	05		XA424	55			16B	9			MDY01DX	01										
20776		XA424	55										MDY01DX	02	MDY01DX	00	1	DCF	C3		30B	01 BIT PORT D I/O		
20361		XA328	31		XA432	04			16B	9			MDY010X	01	MDP01D	01	2	TLD	C3		15B			
20773		XA432	04		XA424	56			16B	9			MDY010X	02	MDY01A	01	1	TQ2	A2		04A			
20778		XA424	56										MDY010X	03	MDY010X	00	1	DCF	C4		29B	01 BIT PORT D		
10277		XA405	08		XA404	07			16B	9			MDY02DX	00C										
10196		XA404	07		XA401	07			16B	9			MDY02DX	005										
09917		XA401	07		XA424	60			16B	9			MDY02DX	01										
20780		XA424	60										MDY02DX	02	MDY02DX	00	1	DCF	C5		31B	02 BIT PORT D I/O		
20364		XA328	37		XA424	57			16B	9			MDY020X	01	MDP02D	01	2	TLD	C4		18B			
20782		XA424	57										MDY020X	02	MDY020X	00	1	DCF	C6		31A	02 BIT PORT D		
10279		XA405	10		XA404	09			16B	9			MDY03DX	00C										
10198		XA404	09		XA401	09			16B	9			MDY03DX	005										
09919		XA401	09		XA424	43			16B	9			MDY03DX	01										
20783		XA424	43										MDY03DX	02	MDY03DX	00	1	DCF	C7		25A	03 BIT PORT D I/O		
20368		XA328	56		XA424	48			16B	9			MDY030X	01	MDP03D	01	2	TLD	D1		26A			
20785		XA424	48										MDY030X	02	MDY030X	00	1	DCF	C8		26A	03 BIT PORT D		
10286		XA405	17		XA404	11			16B	9			MDY04DX	00C										
10200		XA404	11		XA401	11			16B	9			MDY04DX	005										
09921		XA401	11		XA424	65			16B	9			MDY04DX	01										
20787		XA424	65										MDY04DX	02	MDY04DX	00	1	DCF	D1		32B	04 BIT PORT D I/O		
20371		XA328	50		XA424	69			16B	9			MDY040X	01	MDP04D	01	2	TLD	D2		23A			
20789		XA424	69										MDY040X	02	MDY040X	00	1	DCF	D2		33B	04 BIT PORT D		
10287		XA405	18		XA404	13			16B	9			MDY05DX	00C										
10202		XA404	13		XA401	13			16B	9			MDY05DX	005										
09924		XA401	13		XA424	78			16B	9			MDY05DX	01										
20792		XA424	78										MDY05DX	02	MDY05DX	00	1	DCF	D3		37B	05 BIT PORT D I/O		
20373		XA328	43		XA424	75			16B	9			MDY050X	01	MDP05D	01	2	TLD	D3		23B			
20794		XA424	75										MDY050X	02	MDY050X	00	1	DCF	D4		36B	05 BIT PORT D		
												****	SIGNAL	MDY06A1	IS ON THE NEXT PAGE				****					

DRAWING NUMBER 149304-800 STRING UNIT ASSEMBLY NO.149304 REV G INDEX MDY06A1  
 UNIT ASSEMBLY NAME CARD CAGE WIRED, MCU FILE IDENT T39MACU DATE 09-02-82 PAGE 121

RECORD NUMBER	FROM				TO				WIRE				SFC INST 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	PC	PREFIX	CONNECTOR	PIN	PC	MULTI GROUP	CODE	COLOR	IDENT												
11540		XA421	51		XA429	22				16B	9		MDY06A1	01				RR1	F1					
20795		XA429	22		XA334	71				16B	9		MDY06A1	02	MDY06A1	00	1	TQ2	B1			12A	06 BIT PORT D *	
20347		XA334	71										MDY06A1	03	MDMCA	01	1	TD4	F2			36A		
20799		XA424	80		XA401	15				16B	9		MDY06DX	01	MDY06DX	00	1	DCF	D5			38B	06 BIT PORT. D I/O	
09926		XA401	15		XA404	15				16B	9		MDY06DX	02				EXT						
10204		XA404	15		XA405	20				16B	9		MDY06DX	03				EXT						
10289		XA405	20										MDY06DX	04										
20376		XA328	49		XA429	24				16B	9		MDY060X	01	MDP06D	01	2	TLD	D4			26B		
20796		XA429	24		XA424	76				16B	9		MDY060X	02	MDY06A1	01	1	TQ2	B1			13A		
20801		XA424	76										MDY060X	03	MDY060X	00	1	DCF	D6			38A	06 BIT PORT D	
11542		XA421	53		XA429	14				16B	9		MDY07A1	01				RR1	F2					
20802		XA429	14		XA334	72				16B	9		MDY07A1	02	MDY07A1	00	1	TQ2	B2			09A	07 BIT PORT D	
20348		XA334	72										MDY07A1	03	MDMCA	01	2	TD4	F2			34A		
20805		XA424	61		XA401	17				16B	9		MDY07DX	01	MDY07DX	00	1	DCF	D7			33A	07 BIT PORT D I/O	
09928		XA401	17		XA404	17				16B	9		MDY07DX	02				EXT						
10206		XA404	17		XA405	09				16B	9		MDY07DX	03				EXT						
10278		XA405	09										MDY07DX	04										
20380		XA328	70		XA429	18				16B	9		MDY070X	01	MDP07D	01	2	TLD	E1			33A		
20803		XA429	18		XA424	68				16B	9		MDY070X	02	MDY07A1	01	1	TQ2	B2			10A		
20807		XA424	68										MDY070X	03	MDY070X	00	1	DCF	D8			34A	07 BIT PORT D	
11544		XA421	55		XA429	21				16B	9		MDY08A1	01				RR1	F3					
20811		XA429	21		XA334	73				16B	9		MDY08A1	02	MDY08A1	00	1	TQ2	B3			10B	08 BIT PORT D *	
20349		XA334	73										MDY08A1	03	MDMCA	01	3	TD4	F2			36B		
20813		XA423	07		XA401	19				16B	9		MDY08DX	01	MDY08DX	00	1	DCF	A1			02B	08 BIT PORT D I/O	
09930		XA401	19		XA404	19				16B	9		MDY08DX	02				EXT						
10208		XA404	19		XA405	24				16B	9		MDY08DX	03				EXT						
10293		XA405	24										MDY08DX	04										
20383		XA328	64		XA429	17				16B	9		MDY080X	01	MDP08D	01	2	TLD	E2			30A		
20809		XA429	17		XA423	09				16B	9		MDY080X	02	MDY08A1	01	1	TQ2	B3			08B		
20814		XA423	09										MDY080X	03	MDY080X	00	1	DCF	A2			03B	08 BIT PORT D	
11545		XA421	56		XA429	27				16B	9		MDY09A1	01				RR1	F4					
20819		XA429	27		XA334	74				16B	9		MDY09A1	02	MDY09A1	00	1	TQ2	B4			13B	09 BIT PORT D *	
20350		XA334	74										MDY09A1	03	MDMCA	01	4	TD4	F2			35B		
20821		XA423	17		XA401	21				16B	9		MDY09DX	01	MDY09DX	00	1	DCF	A3			07B	09 BIT PORT D I/O	
09932		XA401	21		XA404	21				16B	9		MDY09DX	02				EXT						
10210		XA404	21		XA405	25				16B	9		MDY09DX	03				EXT						
10294		XA405	25										MDY09DX	04										
20385		XA328	55		XA429	23				16B	9		MDY090X	01	MDP09D	01	2	TLD	E3			29B		
20817		XA429	23		XA423	15				16B	9		MDY090X	02	MDY09A1	01	1	TQ2	B4			11B		
										****	SIGNAL		(MDY090X)		IS ON THE							****		

DRAWING NUMBER 149304-800 STRING UNIT ASSEMBLY NO.149304 REV G INDEX MDY090X  
 UNIT ASSEMBLY NAME CARD CAGE WIRED, MCU FILE IDENT T39MACU DATE 09-02-82 PAGE 122

RECORD NUMBER	FROM				TO				WIRE			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-FIG	PREFIX	CONNECTOR	PIN	SH-FIG	MULTI GROUP	CODE	COLOR												IDENT		
20823		XA423	15									MDY090X	03	MDY090X	00	1	DCF	A4		06B	09 BIT PORT D				
20824		XA429	52		XA428	14			168	9		MDY10A	01	MDY10A	00	1	TQ2	D1		24A	10 BIT PORT D *				
20318		XA428	14									MDY10A	02	MDLCOA	01	1	TT3	B2		09A					
10295		XA405	26		XA404	23			168	9		MDY10DX	00C												
10212		XA404	23		XA401	23			168	9		MDY10DX	005				EXT								
09934		XA401	23		XA423	14			168	9		MDY10DX	01				EXT								
20828		XA423	14									MDY10DX	02	MDY10DX	00	1	DCF	A5		08B	10 BIT PORT D I/O				
20388		XA328	61		XA428	06			168	9		MDY10DX	01	MDP10D	01	2	TLD	E4		32B					
20287		XA428	06		XA423	10			168	9		MDY10DX	02	MDHCOA	01	1	TT3	A1		05A					
20830		XA423	10		XA429	54			168	9		MDY10DX	03	MDY10DX	00	1	DCF	A6		07A	10 BIT PORT D				
20825		XA429	54									MDY10DX	04	MDY10A	01	1	TQ2	D1		25A					
20831		XA429	46		XA428	21			168	9		MDY11A	01	MDY11A	00	1	TQ2	D2		21A	11 BIT PORT D *				
20322		XA428	21									MDY11A	02	MDLCA	01	1	TT3	B3		10B					
10299		XA405	30		XA404	25			168	9		MDY11DX	00C												
10214		XA404	25		XA401	25			168	9		MDY11DX	005				EXT								
09936		XA401	25		XA423	01			168	9		MDY11DX	01				EXT								
20834		XA423	01									MDY11DX	02	MDY11DX	00	1	DCF	A7		02A	11 BIT PORT D I/O				
20832		XA429	48		XA328	79			168	9		MDY11DX	01	MDY11A	01	1	TQ2	D2		22A					
20392		XA328	79		XA428	01			168	9		MDY11DX	02	MDP11D	01	2	TLD	F1		39B					
20290		XA428	01		XA423	03			168	9		MDY11DX	03	MDHCA	01	1	TT3	A2		02B					
20836		XA423	03									MDY11DX	04	MDY11DX	00	1	DCF	A8		03A	11 BIT PORT D				
20327		XA428	38		XA429	45			168	9		MDY12A	01	MDLCA	01	1	TT3	C1		18A	12 BIT PORT D *				
20840		XA429	45									MDY12A	02	MDY12A	00	1	TQ2	D3		24B					
10288		XA405	19		XA404	27			168	9		MDY12DX	00C												
10216		XA404	27		XA401	27			168	9		MDY12DX	005				EXT								
09938		XA401	27		XA423	27			168	9		MDY12DX	01				EXT								
20841		XA423	27									MDY12DX	02	MDY12DX	00	1	DCF	B1		10B	12 BIT PORT D I/O				
20395		XA328	73		XA428	09			168	9		MDY12DX	01	MDP12D	01	2	TLD	F2		34B					
20294		XA428	09		XA429	41			168	9		MDY12DX	02	MDHCA	01	1	TT3	A3		04B					
20838		XA429	41		XA423	29			168	9		MDY12DX	03	MDY12A	01	1	TQ2	D3		22B					
20843		XA423	29									MDY12DX	04	MDY12DX	00	1	DCF	B2		11B	12 BIT PORT D				
20330		XA428	29		XA429	51			168	9		MDY13A	01	MDLCA	01	1	TT3	C2		14B					
20847		XA429	51									MDY13A	02	MDY13A	00	1	TQ2	D4		27B	13 BIT PORT D *				
10307		XA405	36		XA404	29			168	9		MDY13DX	00C												
10218		XA404	29		XA401	29			168	9		MDY13DX	005				EXT								
09940		XA401	29		XA423	37			168	9		MDY13DX	01				EXT								
20849		XA423	37									MDY13DX	02	MDY13DX	00	1	DCF	B3		15B	13 BIT PORT D I/O				
20398		XA328	74		XA428	22			168	9		MDY13DX	01	MDP13D	01	2	TLD	F3		35B					
												****	SIGNAL	(MDY13DX)	IS ON THE NEXT PAGE										****

DRAWING NUMBER 149304-800 STRING UNIT ASSEMBLY NO.149304 REV G INDEX MD130X  
 UNIT ASSEMBLY NAME CARD CAGE WIRED, MCU FILE IDENT T39MACU DATE 09-02-82 PAGE 123

RECORD NUMBER	FROM				TO				WIRE				SFC INST WIRE	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													
20299		XA428	22			XA429	47			16B	9			MDY130X	02	MDHC3A	01	1	TT3	B1		12A			
20845		XA429	47			XA423	35			16B	9			MDY130X	03	MDY13A	01	1	TQ2	D4		25B			
20851		XA423	35											MDY130X	04	MDY130X	00	1	DCF	B4		14B	13 BIT PORT D		
10308		XA405	37			XA404	31			16B	9			MDY14DX	00C										
10220		XA404	31			XA401	31			16B	9			MDY14DX	005				EXT						
09942		XA401	31			XA423	41			16B	9			MDY14DX	01				EXT						
20853		XA423	41											MDY14DX	02	MDY14DX	00	1	DCF	B5		16A	14 BIT PORT D I/O		
20400		XA328	78			XA423	40			16B	9			MDY140X	01	MDP14D	01	2	TLD	F4		38A			
20855		XA423	40											MDY140X	02	MDY140X	00	1	DCF	B6		15A	14 BIT PORT D		
10309		XA405	38			XA404	33			16B	9			MDY15DX	00C										
10222		XA404	33			XA401	33			16B	9			MDY15DX	005				EXT						
09944		XA401	33			XA423	23			16B	9			MDY15DX	01				EXT						
20856		XA423	23											MDY15DX	02	MDY15DX	00	1	DCF	B7		10A	15 BIT PORT D I/O		
20403		XA327	49			XA423	30			16B	9			MDY150X	01	MDP15D	01	2	TLD	D4		26B			
20858		XA423	30											MDY150X	02	MDY150X	00	1	DCF	B8		11A	15 BIT PORT D		
10311		XA405	40			XA404	35			16B	9			MDY16DX	00C										
10224		XA404	35			XA401	35			16B	9			MDY16DX	005				EXT						
09946		XA401	35			XA423	46			16B	9			MDY16DX	01				EXT						
20860		XA423	46											MDY16DX	02	MDY16DX	00	1	DCF	C1		25B	16 BIT PORT D I/O		
20407		XA327	70			XA423	47			16B	9			MDY160X	01	MDP16D	01	2	TLD	E1		33A			
20862		XA423	47											MDY160X	02	MDY160X	00	1	DCF	C2		26B	16 BIT PORT D		
10312		XA405	41			XA404	37			16B	9			MDY17DX	00C										
10226		XA404	37			XA401	37			16B	9			MDY17DX	005				EXT						
09948		XA401	37			XA423	55			16B	9			MDY17DX	01				EXT						
20865		XA423	55											MDY17DX	02	MDY17DX	00	1	DCF	C3		30B	17 BIT PORT D I/O		
20410		XA327	64			XA423	56			16B	9			MDY170X	01	MDP17D	01	2	TLD	E2		30A			
20867		XA423	56											MDY170X	02	MDY170X	00	1	DCF	C4		29B	17 BIT PORT D		
10313		XA405	42			XA404	39			16B	9			MDY18DX	00C										
10228		XA404	39			XA401	39			16B	9			MDY18DX	005				EXT						
09950		XA401	39			XA423	60			16B	9			MDY18DX	01				EXT						
20869		XA423	60											MDY18DX	02	MDY18DX	00	1	DCF	C5		31B	18 BIT PORT D I/O		
20412		XA327	55			XA423	57			16B	9			MDY180X	01	MDP18D	01	2	TLD	E3		29B			
20871		XA423	57											MDY180X	02	MDY180X	00	1	DCF	C6		31A	18 BIT PORT D		
10316		XA405	45			XA404	41			16B	9			MDY19DX	00C										
10230		XA404	41			XA401	41			16B	9			MDY19DX	005				EXT						
09952		XA401	41			XA423	43			16B	9			MDY19DX	01				EXT						
20872		XA423	43											MDY19DX	02	MDY19DX	00	1	DCF	C7		25A	19 BIT PORT D I/O		
20415		XA327	61			XA423	48			16B	9			MDY190X	01	MDP19D	01	2	TLD	F4		32B			
										***	SIGNAL			MDY190X		IS ON THE			NEXT PAGE		***				

DRAWING NUMBER 149304-800 STRING UNIT ASSEMBLY NO.149304 REV G INDEX MDY190X  
 UNIT ASSEMBLY NAME CARD CAGE WIRED, MCU FILE IDENT T39MACU DATE 09-02-82 PAGE 124

RECORD NUMBER	FROM				TO				WIRE				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 PG	PREFIX	CONNECTOR	PIN	SH PG	MULTI GROUP	CODE	COLOR	IDENT											
20874		XA423	48										MDY190X	02	MDY190X	00	1	DCF	C8		26A	19 BIT PORT D	
10317		XA405	46		XA404	43			16B	9			MDY20DX	00C									
10232		XA404	43		XA401	43			16B	9			MDY20DX	005				EXT					
09954		XA401	43		XA423	65			16B	9			MDY20DX	01				EXT					
20876		XA423	65										MDY20DX	02	MDY20DX	00	1	DCF	D1		32B	20 BIT PORT D I/O	
20419		XA327	79		XA423	69			16B	9			MDY200X	01	MDP20D	01	2	TLD	F1		39B		
20878		XA423	69										MDY200X	02	MDY200X	00	1	DCF	D2		33B	20 BIT PORT D	
10298		XA405	29		XA404	45			16B	9			MDY21DX	00C									
10234		XA404	45		XA401	45			16B	9			MDY21DX	005				EXT					
09956		XA401	45		XA423	78			16B	9			MDY21DX	01				EXT					
20881		XA423	78										MDY21DX	02	MDY21DX	00	1	DCF	D3		37B	21 BIT PORT D I/O	
20422		XA327	73		XA423	75			16B	9			MDY210X	01	MDP21D	01	2	TLD	F2		36B		
20883		XA423	75										MDY210X	02	MDY210X	00	1	DCF	D4		36B	21 BIT PORT D	
10319		XA405	48		XA404	47			16B	9			MDY22DX	00C									
10236		XA404	47		XA401	47			16B	9			MDY22DX	005				EXT					
09958		XA401	47		XA423	80			16B	9			MDY22DX	01				EXT					
20885		XA423	80										MDY22DX	02	MDY22DX	00	1	DCF	D5		38B	22 BIT PORT D I/O	
20425		XA327	74		XA423	76			16B	9			MDY220X	01	MDP22D	01	2	TLD	F3		35B		
20887		XA423	76										MDY220X	02	MDY220X	00	1	DCF	D6		38A	22 BIT PORT D	
10322		XA405	51		XA404	49			16B	9			MDY23DX	00C									
10238		XA404	49		XA401	49			16B	9			MDY23DX	005				EXT					
09960		XA401	49		XA423	61			16B	9			MDY23DX	01				EXT					
20888		XA423	61										MDY23DX	02	MDY23DX	00	1	DCF	D7		33A	23 BIT PORT D I/O	
20427		XA327	78		XA423	68			16B	9			MDY230X	01	MDP23D	01	2	TLD	F4		38A		
20890		XA423	68										MDY230X	02	MDY230X	00	1	DCF	D8		34A	23 BIT PORT D	
10323		XA405	52		XA404	51			16B	9			MDY24DX	00C									
10240		XA404	51		XA401	51			16B	9			MDY24DX	005				EXT					
09962		XA401	51		XA422	07			16B	9			MDY24DX	01				EXT					
20893		XA422	07										MDY24DX	02	MDY24DX	00	1	DCF	A1		02B	24 BIT PORT D I/O	
20431		XA327	10		XA422	09			16B	9			MDY240X	01	MDP24D	01	2	TLD	A1		07A		
20894		XA422	09										MDY240X	02	MDY240X	00	1	DCF	A2		03B	24 BIT PORT D	
10324		XA405	53		XA404	53			16B	9			MDY25DX	00C									
10242		XA404	53		XA401	53			16B	9			MDY25DX	005				EXT					
09964		XA401	53		XA422	17			16B	9			MDY25DX	01				EXT					
20897		XA422	17										MDY25DX	02	MDY25DX	00	1	DCF	A3		07B	25 BIT PORT D I/O	
20434		XA327	05		XA422	15			16B	9			MDY250X	01	MDP25D	01	2	TLD	A2		03B		
20899		XA422	15										MDY250X	02	MDY250X	00	1	DCF	A4		06B	25 BIT PORT D	
									****			SIGNAL	{MDY26DX }		IS ON THE			NEXT PAGE		****			



DRAWING NUMBER 149304-800 STRING UNIT ASSEMBLY NO.149304 REV G INDEX MDY26DX  
 UNIT ASSEMBLY NAME CARD CAGE WIRED, MCU FILE IDENT T39MACU DATE 09-02-82 PAGE 125

RECORD NUMBER	FROM				TO				WIRE				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	SHEF	PREFIX	CONNECTOR	PIN	SHEF	MULTI GROUP	CODE	COLOR	IDENT											
10325		XA405	54		XA404	55				16B	9		MDY26DX	00C									
10244		XA404	55		XA401	55				16B	9		MDY26DX	005			EXT						
09966		XA401	55		XA422	14				16B	9		MDY26DX	01			EXT						
20901		XA422	14										MDY26DX	02	MDY26DX	00	1	DCF	A5		08B	26 BIT PORT D I/O	
20128		XA434	19		XA422	10				16B	9		MDY260X	01	MDACTA	01	3	TD4	B2		09B		
20903		XA422	10		XA327	07				16B	9		MDY260X	02	MDY260X	00	1	DCF	A6		07A	26 BIT PORT D	
20436		XA327	07										MDY260X	03	MDP26D	01	2	TLD	A3		03A		
10326		XA405	55		XA404	57				16B	9		MDY27DX	00C									
10246		XA404	57		XA401	57				16B	9		MDY27DX	005			EXT						
09968		XA401	57		XA422	01				16B	9		MDY27DX	01			EXT						
20904		XA422	01										MDY27DX	02	MDY27DX	00	1	DCF	A7		02A	27 BIT PORT D I/O	
20129		XA434	20		XA422	03				16B	9		MDY270X	01	MDACTA	01	4	TD4	B2		11A		
20906		XA422	03		XA327	13				16B	9		MDY270X	02	MDY270X	00	1	DCF	A8		03A	27 BIT PORT D	
20439		XA327	13										MDY270X	03	MDP27D	01	2	TLD	A4		06B		
10327		XA405	56		XA404	59				16B	9		MDY28DX	00C									
10248		XA404	59		XA401	59				16B	9		MDY28DX	005			EXT						
09970		XA401	59		XA422	27				16B	9		MDY28DX	01			EXT						
20908		XA422	27										MDY28DX	02	MDY28DX	00	1	DCF	B1		10B	28 BIT PORT D I/O	
20443		XA327	26		XA422	29				16B	9		MDY280X	01	MDP28D	01	2	TLD	B1		14A		
20910		XA422	29										MDY280X	02	MDY280X	00	1	DCF	B2		11B	28 BIT PORT D	
10333		XA405	61		XA404	61				16B	9		MDY29DX	00C									
10250		XA404	61		XA401	61				16B	9		MDY29DX	005			EXT						
09972		XA401	61		XA422	37				16B	9		MDY29DX	01			EXT						
20913		XA422	37										MDY29DX	02	MDY29DX	00	1	DCF	B3		15B	29 BIT PORT D I/O	
20446		XA327	20		XA422	35				16B	9		MDY290X	01	MDP29D	01	2	TLD	B2		11A		
20915		XA422	35										MDY290X	02	MDY290X	00	1	DCF	B4		14B	29 BIT PORT D	
10334		XA405	62		XA404	63				16B	9		MDY30DX	00C									
10252		XA404	63		XA401	63				16B	9		MDY30DX	005			EXT						
09974		XA401	63		XA422	41				16B	9		MDY30DX	01			EXT						
20917		XA422	41										MDY30DX	02	MDY30DX	00	1	DCF	B5		16A	30 BIT PORT D I/O	
20448		XA327	19		XA422	40				16B	9		MDY300X	01	MDP30D	01	2	TLD	B3		09B		
20919		XA422	40										MDY300X	02	MDY300X	00	1	DCF	B6		15A	30 BIT PORT D	
10335		XA405	63		XA404	65				16B	9		MDY31DX	00C									
10254		XA404	65		XA401	65				16B	9		MDY31DX	005			EXT						
09976		XA401	65		XA422	23				16B	9		MDY31DX	01			EXT						
20920		XA422	23										MDY31DX	02	MDY31DX	00	1	DCF	B7		10A	31 BIT PORT D I/O	
20451		XA327	25		XA422	30				16B	9		MDY310X	01	MDP31D	01	2	TLD	B4		12B		
20922		XA422	30										MDY310X	02	MDY310X	00	1	DCF	B8		11A	31 BIT PORT D	
										****	SIGNAL	(MFEXCA)	IS ON THE NEXT PAGE						****				

DRAWING NUMBER 149304-800 STRING UNIT ASSEMBLY NO.149304 REV G INDEX MFEXCA  
 UNIT ASSEMBLY NAME CARD CAGE WIRED, MCU FILE IDENT T39MACU DATE 09-02-82 PAGE 126

RECORD NUMBER	PREFIX	CONNECTOR	PIN	SNFE	PREFIX	CONNECTOR	PIN	SNFE	MULTI GROUP	CODE	COLOR	IDENT	SIGNAL	SEQ NO	EQUATION	TER	FACT	OR CHIP TYPE	GROUP	OR POWER PLANE	POINTS AND/OR	SIGNAL DESCRIPTION	ECO NO
15519		XA529	21										MFEXCA	00				CSE					
20924		XA237	35			XA237	35			16B	9		MFEXCA	01	MFEXCO	01	1	TQ2	C4		17B		
20958		XA240	09			XA240	09						MFEXCA	02	MMNCEA	01	1	TT3	A3		04B		
20941		XA240	26			XA237	39			16B	9		MFEXCO	01	MMCCEA	01	3	TT3	B1		14A		
20926		XA237	39										MFEXCO	02	MFEXCO	00	1	TQ2	C4		19B	CUR SOURCE ERR *	
11494		XA421	05			XA236	29			16B	9		MFOTWA1	01				RR1	A1				
20982		XA236	29										MFOTWA1	03	MMT05A	01	1	TT3	C2		14B		
15392		XA527	57			XA529	23			16B	9		MKFACA	01				CSE					
15521		XA529	23										MKFACA	02				CSE					
15376		XA527	41			XA529	65			16B	9		MKREFA	01				CSE					
15563		XA529	65										MKREFA	02				CSE					
15384		XA527	49			XA529	17			16B	9		MKOFCA	01				CSE					
15515		XA529	17			XA529	15			16B	9		MKOFCA	02				CSE					
15512		XA529	15										MKOFCA	03				CSE					
15378		XA527	43			XA529	29			16B	9		MKONCA	01				CSE					
15527		XA529	29										MKONCA	02				CSE					
00089		J01	M2			XA106	40			1BD	9		MLOR1A	01				EX9				LOGIC OVERRIDE	
01269		XA106	40										MLOR1A	02				MTS					
20929		XA238	21			XA222	13			16B	9		MMACCO	01	MMACCO	00	1	TQ2	B3		10B	MBA ACCEPTANCE	
19059		XA222	13			XA220	51			16B	9		MMACCO	02	MAYAPOX	01	1	DCF	A4		05B		
19499		XA220	51			XA424	13			16B	9		MMACCO	03	MBYAPOX	01	1	DCF	C4		28B		
19937		XA424	13			XA422	51			16B	9		MMACCO	04	MCYAPOX	01	1	DCF	A4		05B		
20733		XA422	51										MMACCO	05	MDYAPOX	01	1	DCF	C4		28B		
20933		XA240	07			XA238	19			16B	9		MMACRA	01	MMACRA	00	1	TT3	A2		03A	MBA ACCEPT TMNG	
20928		XA238	19										MMACRA	02	MMACCO	01	2	TQ2	B3		09B		
20934		XA236	73			XA238	17			16B	9		MMACTA	01	MMACTA	00	1	TT3	E1		36B	MBA TEST ACCEPT	
20927		XA238	17										MMACTA	02	MMACCO	01	1	TQ2	B3		08B		
20938		XA240	20			XA236	71			16B	9		MMCCEA	01	MMCCEA	00	1	TT3	B1		11A	CUR TST NO CUR ERR	
20949		XA236	71										MMCCEA	02	MMEXCS	01	2	TT3	F2		36A		
20960		XA240	13			XA240	22			16B	9		MMCESO	01	MMNCEA	01	3	TT3	A3		06B		
20939		XA240	22			XA237	33			16B	9		MMCESO	02	MMCCEA	01	1	TT3	B1		12A		
20944		XA237	33										MMCESO	03	MMCESO	00	1	TQ2	C3		16B	CUR TST TMNG	
20950		XA236	72			XA236	37			16B	9		MMEXCR	01	MMEXCS	01	3	TT3	E2		34A		
20980		XA236	37			XA238	30			16B	9		MMEXCR	02	MMT01A	01	3	TT3	C3		18B		
20945		XA238	30										MMEXCR	03	MMEXCR	00	1	TQ2	C2		15A	CUR ERR LATCH *	
20946		XA238	34			XA236	74			16B	9		MMEXCS	01	MMEXCR	01	1	TQ2	C2		16A		
										***		SIGNAL	MMEXCS		IS ON THE							NEXT PAGE	***

DRAWING NUMBER 149304-800 STRING UNIT ASSEMBLY NO.149304 REV G INDEX MMEXCS  
 UNIT ASSEMBLY NAME CARD CAGE WIRED, MCU FILE IDENT T39MACU DATE 09-02-82 PAGE 127

RECORD NUMBER	FROM			TO			WIRE				SPT INST / WIRE	SIGNAL	SEQ NO	EQUATION	TERM	FACTS	CKT OR CHIP TYPE	GROUP	LOAD OR POWER PLANE	TEST POINTS AND/OR	SIGNAL DESCRIPTION	ECO NO
	PREFIX	CONNECTOR	PIN	SPT FG	PREFIX	CONNECTOR	PIN	SPT FG	MULTI GROUP	CODE												
20951		XA236	74									MMEXCS	02	MMEXCS	00	1	TT3	F2		35B	CUR ERR LATCH	
20952		XA237	38		XA238	36			16B	9		MMMTRA	01	MMMTRA	00	1	TQ2	C1		18A	CUR ERR RESET *	
20947		XA238	36									MMMTRA	02	MMEXCR	01	2	TQ2	C2		17A		
20955		XA233	66		XA237	40			16B	9		MMMTRO	01	MMMTRO	00	1	TQ2	F1		31A	CUR ERR RESET	
20953		XA237	40									MMMTRO	02	MMMTRO	01	1	TQ2	C1		19A		
20948		XA236	65		XA240	15			16B	9		MMNCEA	01	MMEXCS	01	1	TT3	F2		34B		
20961		XA240	15									MMNCEA	02	MMNCEA	00	1	TT3	A3		07B	CUR TEST CUR ERR	
20962		XA240	04		XA236	75			16B	9		MMTMXO	01	MMTMXO	00	1	TT3	A1		04A	MBA TEST OR	
20935		XA236	75									MMTMXO	02	MMACTA	01	1	TT3	F1		37B		
20966		XA228	59		XA233	70			16B	9		MMTREA	01	MMTREA	00	1	TD4	E1		31B	CUR ERR RESET DEC	
20957		XA233	70		XA240	06			16B	9		MMTREA	02	MMMTRO	01	2	TQ2	F1		33A		
20963		XA240	06									MMTREA	03	MMTMXO	01	1	TT3	A1		05A		
20931		XA240	03		XA238	23			16B	9		MMTSTA	01	MMACRA	01	2	TT3	A2		02A		
20975		XA238	23		XA236	50			16B	9		MMTSTA	02	MMTSTA	01	1	TQ2	B4		11B		
20971		XA236	50									MMTSTA	03	MMTSTA	00	1	TT3	D1		23A	MBA TEST DEC *	
20967		XA228	61		XA236	77			16B	9		MMTSTO	01	MMTREA	01	1	TD4	E1		32B		
20936		XA236	77		XA238	27			16B	9		MMTSTO	02	MMACTA	01	2	TT3	F1		38B		
20977		XA238	27									MMTSTO	03	MMTSTO	00	1	TQ2	B4		13B	MBA TEST DEC	
20964		XA240	08		XA236	39			16B	9		MMTO1A	01	MMTMXO	01	2	TT3	A1		06A		
20981		XA236	39									MMTO1A	02	MMTO1A	00	1	TT3	C3		19B	CUR ERR SAMPLE	
20984		XA236	31		XA240	10			16B	9		MMT05A	01	MMT05A	00	1	TT3	C2		15B	OVER TEMP SAMPLE	
20985		XA240	10									MMT05A	02	MMTMXO	01	3	TT3	A1		07A		
19054		XA222	36		XA220	72			16B	9		MMYPFA	00	MAYACDX	01	1	DCF	B1		13A		
19494		XA220	72		XA236	80			16B	9		MMYPFA	01	MBYACDX	01	1	DCF	D1		36A		
20989		XA236	80		XA424	36			16B	9		MMYPFA	02	MMYPFA	00	1	TT3	F3		39A	PWR FAIL *	
19932		XA424	36		XA422	72			16B	9		MMYPFA	03	MAYACDX	01	1	DCF	B1		13A		
20728		XA422	72									MMYPFA	04	MDYACDX	01	1	DCF	D1		36A		
20991		XA238	69		XA237	76			16B	9		MPACIA	01	MPACIA	00	1	TQ2	F3		35A	INACTIVE INHIBIT	
20993		XA237	76									MPACIA	02	MPACIO	01	1	TQ2	F4		37A		
19913		XA434	79		XA434	74			16B	9		MPACIO	01	MCREQR1	01	4	TD4	F1		39B		
20471		XA434	74		XA430	25			16B	9		MPACIO	02	MDREQR1	01	4	TD4	F2		35B		
21232		XA430	25		XA430	10			16B	9		MPACIO	021	MPPDSA1	01	7	TS8	B1		12B		
21222		XA430	10		XA337	54			16B	9		MPACIO	03	MPPCSA1	01	7	TS8	A1		07A		
21207		XA337	54		XA334	13			16B	9		MPACIO	04	MPPBSA	01	7	TS8	D1		25A		
19035		XA334	13		XA334	07			16B	9		MPACIO	05	MAREQR	01	4	TD4	A1		06B		
19474		XA334	07		XA337	10			16B	9		MPACIO	06	MBREQR	01	4	TD4	A2		03A		
21189		XA337	10		XA237	80			16B	9		MPACIO	07	MPPASA	01	7	TS8	A1		07A		
20995		XA237	80									MPACIO	08	MPACIO	00	1	TQ2	F4		39A	INACTIVE INHIBIT *	

DRAWING NUMBER 149304-800 STRING UNIT ASSEMBLY NO.149304 REV G INDEX MPACIO  
 UNIT ASSEMBLY NAME CARD CAGE WIRED, MCU FILE IDENT T39MACU DATE 09-02-82 PAGE 128

RECORD NUMBER	FROM				TO				WIRE			SPEC. WIRE USE	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 FTG	PREFIX	CONNECTOR	PIN	SH FTG	MULTI GROUP	CODE	COLOR												
21005 20996		XA241 XA233	38 06			XA233 06				16B 9			MPACTR MPACTR	01 02	MPACTS MPACTR	01 00	6 1	TS8 TQ2	C1 A1		18A 05A	ACTIVE LATCH *	
20313 19755 18877 20990 19317 21002 20997		XA434 XA434 XA334 XA238 XA239 XA241 XA233	54 40 34 65 48 35 08			XA434 XA334 XA238 XA239 XA241 XA233				16B 9 16B 9 16B 9 16B 9			MPACTS MPACTS MPACTS MPACTS MPACTS MPACTS MPACTS	01 02 03 04 05 06 07	MDHLDRI MCHLDRI MAHLDR MPACIA MBHLDR MPACTS MPACTR	01 01 01 01 01 00 01	3 3 3 1 3 1 1	TD4 TD4 TD4 TQ2 TD4 TS8 TQ2	D1 C1 C2 F3 D2 C1 A1		25A 19A 16A 34B 22A 17B 06A	ACTIVE LATCH	
21009 21171		XA228 XA239	57 60			XA239 60				16B 9			MPAMRA MPAMRA	01 02	MPAMRA MPPAMR	00 01	1 2	TD4 TD4	E2 E2		30B 28A	A ACCESS MEM RST *	
21015 21175		XA237 XA238	27 40			XA238 40				16B 9			MPAMSA MPAMSA	01 02	MPAMSA MPPAMS	00 01	1 1	TQ2 TQ2	B4 C1		13B 19A	A ACCESS MEM SET *	
21022 21016		XA233 XA239	34 69			XA239 69				16B 9			MPANTA MPANTA	01 02	MPANTA MPANTA	01 00	1 1	TQ2 TD4	C2 F2		16A 35A	A HOLD *	
21021 21206 21216 21228		XA233 XA337 XA430 XA430	30 52 01 20			XA337 XA430 XA430 20				16B 9 16B 9 16B 9			MPANTO MPANTO MPANTO MPANTO	01 03 04 05	MPANTO MPPBSA MPPCSA1 MPPDSA1	00 01 01 01	1 6 1 4	TQ2 TS8 TS8 TS8	C2 D1 A1 B1		15A 24A 02B 11A	A HOLD	
21028 21024		XA238 XA240	71 64			XA240 64				16B 9			MPBACA MPBACA	01 02	MPBACO MPBACA	01 00	1 1	TQ2 TT3	F2 E1		36A 30A	MBA CHNG CLOCK *	
21044 21038 21032 21050 21029		XA232 XA232 XA232 XA232 XA238	79 60 70 72 72			XA232 XA232 XA232 XA238				16B 9 16B 9 16B 9			MPBACO MPBACO MPBACO MPBACO MPBACO	01 02 03 04 05	MPBA2N MPBA1N MPBA0N MPBA3N MPBACO	01 01 01 01 00	1 1 1 1 1	TDD TDD TDD TDD TQ2	LN KN JN MN F2		39B 28A 33A 34A 34A	MBA CHANG CLOCK	
19762 20319 19324 18883 21033		XA431 XA428 XA335 XA335 XA232	46 17 68 17 59			XA428 XA335 XA335 XA232				16B 9 16B 9 16B 9			MPBAOP MPBAOP MPBAOP MPBAOP MPBAOP	01 02 03 04 05	MCLCOA MDLCOA MBLCOA MALCOA MPBAOP	01 01 01 01 00	2 2 2 2 1	TT3 TT3 TT3 TT3 TDD	D2 B2 E1 B2 JP		21A 08B 32A 08B 31B	MBA REG BIT 13 *	
21035 18852 19291 20288 19730		XA232 XA335 XA335 XA428 XA431	61 08 35 08 40			XA335 XA335 XA428 XA431				16B 9 16B 9 16B 9			MPBAOQ MPBAOQ MPBAOQ MPBAOQ MPBAOQ	01 02 03 04 05	MPBAOQ MAHCOA MBHCOA MDHCOA MCHCOA	00 01 01 01 01	1 2 2 2 2	TDD TT3 TT3 TT3 TT3	JQ A1 C3 A1 C1		32B 06A 17B 06A 19A	MBA REG BIT 13	
19765 20323		XA431 XA428	47 23			XA428 XA335				16B 9 16B 9			MPBA1P MPBA1P	01 02	MCLC1A MDLC1A	01 01	2 2	TT3 TT3	D3 B3		25B 11B		
*** SIGNAL (MPBA1P) IS ON THE NEXT PAGE ***																							

DRAWING NUMBER 149304-800 STRING UNIT ASSEMBLY NO.149304 REV G INDEX MPBA1P  
 UNIT ASSEMBLY NAME CARD CAGE WIRED, MCU FILE IDENT T39MACU DATE 09-02-82 PAGE 129

RECORD NUMBER	FROM			TO			WIRE			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	SH FTG	MULTI GROUP	CODE												COLOR
19328		XA335	60		XA335	23			168	9				01	2	TT3	E2	28A			
18887		XA335	23		XA232	57			168	9				02	2	TT3	B3	11B			
21039		XA232	57											05	1	TDD	KP	30B	MBA REG BIT 12 *		
21042		XA232	55		XA335	03			168	9				01	1	TDD	KQ	29B	MBA REG BIT 12		
18855		XA335	03		XA335	54			168	9				02	2	TT3	A2	02A			
19296		XA335	54		XA428	03			168	9				03	2	TT3	D1	25A			
20291		XA428	03		XA431	30			168	9				04	2	TT3	A2	02A			
19733		XA431	30											05	2	TT3	C2	15A			
19770		XA431	68		XA428	40			168	9				01	2	TT3	E1	32A			
20328		XA428	40		XA335	59			168	9				02	2	TT3	C1	19A			
19331		XA335	59		XA335	40			168	9				03	2	TT3	E3	31B			
18892		XA335	40		XA232	76			168	9				04	2	TT3	C1	19A			
21046		XA232	76											05	1	TDD	LP	37A	MBA REG BIT 11 *		
21047		XA232	78		XA335	11			168	9				01	1	TDD	LQ	38A	MBA REG BIT 11		
18859		XA335	11		XA335	46			168	9				02	2	TT3	A3	05B			
19300		XA335	46		XA428	11			168	9				03	2	TT3	D2	21A			
20295		XA428	11		XA431	35			168	9				04	2	TT3	A3	05B			
19737		XA431	35											05	2	TT3	C3	17B			
19774		XA431	60		XA428	30			168	9				01	2	TT3	E2	28A			
20331		XA428	30		XA335	77			168	9				02	2	TT3	C2	15A			
19336		XA335	77		XA335	30			168	9				03	2	TT3	F1	38B			
18895		XA335	30		XA232	69			168	9				04	2	TT3	C2	15A			
21051		XA232	69											05	1	TDD	MP	35A	MBA REG BIT 10 *		
21054		XA232	74		XA335	24			168	9				01	1	TDD	MQ	35B	MBA REG BIT 10		
18864		XA335	24		XA335	47			168	9				02	2	TT3	B1	13A			
19303		XA335	47		XA428	24			168	9				03	2	TT3	D3	25B			
20300		XA428	24		XA431	54			168	9				04	2	TT3	B1	13A			
19742		XA431	54											05	2	TT3	D1	25A			
21058		XA236	27		XA238	05			168	9				01	1	TT3	B3	13B	MBA CHNG INHIB MEM		
21425		XA238	05											02	2	TQ2	A2	03B			
21080		XA238	64		XA237	60			168	9				01	2	TQ2	E2	30A			
21059		XA237	60		XA232	66			168	9				02	1	TQ2	E2	28A	MBA FP LSB		
21034		XA232	66											03	1	TDD	JP	31A			
21082		XA238	55		XA237	57			168	9				01	2	TQ2	E3	29B			
21064		XA237	57		XA232	64			168	9				02	1	TQ2	E3	30B	MBA FP 2 LSB		
21040		XA232	64											03	1	TDD	KP	30A			
21045		XA232	75		XA237	63			168	9				01	1	TDD	LP	37B			
21067		XA237	63		XA238	61			168	9				02	1	TQ2	E4	33B	MBA FP 3 LSB		
21085		XA238	61											03	2	TQ2	E4	32B			
21089		XA238	79		XA237	75			168	9				01	2	TQ2	F1	39B			
									****	SIGNAL	(MPBC3A)								IS ON THE	NEXT PAGE	****

DRAWING NUMBER 149304-800 STRING UNIT ASSEMBLY NO.149304 REV G INDEX MPBC3A  
 UNIT ASSEMBLY NAME CARD CAGE WIRED, MCU FILE IDENT T39MACU DATE 09-02-82 PAGE 130

RECORD NUMBER	FROM				TO				WIRE				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		CODE	COLOR	IDENT												
21068		XA237	75			XA232	73		16B	9		MPBC3A	02	MPBC3A	00	1	TQ2	F1		37B	MBA FP MSB		
21052		XA232	73									MPBC3A	03	MPBA3P	01	1	TDD	MP		36B			
21074		XA431	19			XA434	66		16B	9		MPBMRA	01	MPBMRA	00	1	TT3	B2		09B	B ACCESS MEM RST		
21194		XA434	66									MPBMRA	02	MPPBMR1	01	2	TD4	E1		31A			
21077		XA432	33			XA433	40		16B	9		MPBMSA	01	MPBMSA	00	1	TQ2	C3		16B	B ACCESS MEM SET		
21198		XA433	40									MPBMSA	02	MPPBMS	01	1	TQ2	C1		19A			
21036		XA232	63			XA238	60		16B	9		MPBS0A	01	MPBA0Q	01	1	TDD	JQ		33B			
21078		XA238	60									MPBS0A	02	MPBS0A	00	1	TQ2	E2		28A	MBA FP LSB *		
21083		XA238	57			XA232	53		16B	9		MPBS1A	01	MPBS1A	00	1	TQ2	E3		30B	MBA FP 2 LSB *		
21041		XA232	53									MPBS1A	02	MPBA1Q	01	1	TDD	KQ		28B			
21048		XA232	80			XA238	63		16B	9		MPBS2A	01	MPBA2Q	01	1	TDD	LQ		39A			
21086		XA238	63									MPBS2A	02	MPBS2A	00	1	TQ2	E4		33B	MBA FP 3 LSB *		
21087		XA238	75			XA232	65		16B	9		MPBS3A	01	MPBS3A	00	1	TQ2	F1		37B	MBA FP MSB *		
21053		XA232	65									MPBS3A	02	MPBA3Q	01	1	TDD	MQ		34B			
21090		XA433	30			XA431	75		16B	9		MPCDE0	01	MPCDE0	00	1	TQ2	C2		15A	PORT CORD ENABLED		
21094		XA431	75									MPCDE0	02	MPCDRA1	01	1	TT3	F1		37B			
11554		XA421	65			XA431	73		16B	9		MPCDRA1	01				RR1	G3					
21093		XA431	73			XA434	68		16B	9		MPCDRA1	02	MPCDRA1	00	1	TT3	F1		36B	A & B ACS MEM RST*		
21195		XA434	68			XA239	62		16B	9		MPCDRA1	03	MPPBMR1	01	3	TD4	E1		32A			
21172		XA239	62									MPCDRA1	04	MPPAMR	01	3	TD4	E2		29A			
21100		XA431	27			XA428	37		16B	9		MPCMRA	01	MPCMRA	00	1	TT3	B3		13B	C ACCESS MEM RST *		
21211		XA428	37									MPCMRA	02	MPPCMR	01	3	TT3	C3		18B			
21103		XA432	39			XA433	29		16B	9		MPCMSA	01	MPCMSA	00	1	TQ2	C4		19B	C ACCESS MEM SET *		
21213		XA433	29									MPCMSA	02	MPPCMS	01	1	TQ2	C3		14B			
21105		XA239	23			XA233	10		16B	9		MPCTRA	01	MPCTRA	00	1	TD4	B1		11B	MBA MEM INACTIVE *		
20998		XA233	10									MPCTRA	02	MFACTR	01	2	TQ2	A1		07A			
19458		XA239	04			XA239	08		16B	9		MPCWMA	01	MBREDA	01	2	TD4	A2		04A			
19018		XA239	08			XA236	45		16B	9		MPCWMA	02	MAREDA	01	2	TD4	A1		06A			
21410		XA236	45			XA323	33		16B	9		MPCWMA	03	MPS2BA	01	1	TT3	D3		24B			
21111		XA323	33			XA434	04		16B	9		MPCWMA	04	MPCWMA	00	1	TQ2	C3		16B	CW MODE *		
20454		XA434	04			XA434	08		16B	9		MPCWMA	05	MDREDA	01	2	TD4	A2		04A			
19896		XA434	08									MPCWMA	06	MCREDA	01	2	TD4	A1		06A			
21115		XA241	71			XA233	72		16B	9		MPENTR	005	MPENTR	01	1	TS8	F1		36A			
21113		XA233	72			XA337	13		16B	9		MPENTR	01	MPENTR	00	1	TQ2	F2		34A	PRIORITY ENABLED		
21191		XA337	13			XA337	56		16B	9		MPENTR	03	MPPASA	01	8	TS8	A1		06B			
21208		XA337	56			XA430	13		16B	9		MPENTR	04	MPPBSA	01	8	TS8	D1		26A			
21224		XA430	13			XA430	26		16B	9		MPENTR	05	MPPCSA1	01	8	TS8	A1		06B			
												****	SIGNAL	MPENTR	IS ON THE NEXT PAGE				****				

TM 11-5895-856-34-21/EE640-CA-MMI-210/E154 CPU/TO 31W2-2T-122-21

DRAWING NUMBER 149304-800 STRING UNIT ASSEMBLY NO.149304 REV G INDEX MPENTR  
 UNIT ASSEMBLY NAME CARD CAGE WIRED, MCU FILE IDENT T39MACU DATE 09-02-82 PAGE 131

RECORD NUMBER	FROM				TO				WIRE				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 FC	PREFIX	CONNECTOR	PIN	SH FC	MULTI GROUP	CODE	COLOR	IDENT											
21233		XA430	26										MPENTR	06	MPPDSA1	01	8	TS8	B1		14A		
22275		XA337	55		XA241	76			16B	9			MPENTS	01	MTSRTA	01	1	TS8	E1		29B		
21120		XA241	76		XA233	71			16B	9			MPENTS	02	MPENTS	00	1	TS8	F1		37A	TMNG START SET *	
21112		XA233	71										MPENTS	04	MPENTR	01	1	TQ2	F2		36A		
21186		XA337	06		XA233	36			16B	9			MPHLDA	00	MPPASA	01	4	TS8	A1		05A		
21023		XA233	36		XA238	80			16B	9			MPHLDA	01	MPANTO	01	2	TQ2	C2		17A		
21126		XA238	80										MPHLDA	02	MPHLDA	00	1	TQ2	F4		39A	B CORD HOLD *	
21130		XA240	80		XA238	78			16B	9			MPHLDO	01	MPHLDO	00	1	TT3	F3		39A	B CORD HOLD	
21125		XA238	78										MPHLDO	02	MPHLDA	01	2	TQ2	F4		38A		
20465		XA430	68		XA430	54			16B	9			MPINRA	01	MDREQA	01	7	TS8	E1		32A		
19907		XA430	54		XA337	40			16B	9			MPINRA	02	MCREQA	01	7	TS8	D1		25A		
19469		XA337	40		XA337	25			16B	9			MPINRA	03	MBREQA	01	7	TS8	C1		19A		
19029		XA337	25		XA238	33			16B	9			MPINRA	04	MAREQA	01	7	TS8	B1		12B		
21133		XA238	33										MPINRA	05	MPINRA	00	1	TQ2	C3		16B	I/O INHIBIT *	
21131		XA238	29		XA241	11			16B	9			MPINRO	01	MPINRA	01	1	TQ2	C3		14B		
21141		XA241	11										MPINRO	02	MPINRO	00	1	TS8	A1		05B	I/O INHIBIT	
23294		XA236	01		XA236	09			16B	9			MPMBAA	01	MWRSTA	01	1	TT3	A2		02B		
22993		XA236	09		XA236	22			16B	9			MPMBAA	02	MUWDTA	01	1	TT3	A3		04B		
22785		XA236	22		XA240	19			16B	9			MPMBAA	04	MURDTA	01	1	TT3	B1		12A		
21146		XA240	19		XA238	68			16B	9			MPMBAA	05	MPMBAA	00	1	TT3	B2		09B	MBA MODE *	
21148		XA238	68										MPMBAA	06	MPMBA0	01	1	TQ2	E1		32A		
21025		XA240	66		XA238	66			16B	9			MPMBA0	01	MPBACA	01	1	TT3	E1		31A		
21147		XA238	66		XA236	52			16B	9			MPMBA0	02	MPMBA0	00	1	TQ2	E1		31A	MBA MODE	
20972		XA236	52		XA236	21			16B	9			MPMBA0	03	MMTSTA	01	1	TT3	D1		24A		
21055		XA236	21		XA239	25			16B	9			MPMBA0	04	MPBCIA	01	1	TT3	B3		10B		
21107		XA239	25		XA240	05			16B	9			MPMBA0	05	MPCTRA	01	3	TD4	B1		12B		
20932		XA240	05										MPMBA0	06	MMACRA	01	3	TT3	A2		03B		
21153		XA225	74		XA236	41			16B	9			MPMRA0	01	MPMRA0	00	1	TT3	F2		35B	MEM_RST	
21154		XA236	41										MPMRA0	02	MPMRBA	01	1	TT3	D2		22B		
21158		XA234	65		XA236	43			16B	9			MPMRBA	01	MPMRBA	01	1	TQ2	F3		34B		
21155		XA236	43		XA241	07			16B	9			MPMRBA	02	MPMRBA	00	1	TT3	D2		23B	MEM_RST *	
21138		XA241	07										MPMRBA	03	MPINRO	01	5	TS8	A1		03A		
21161		XA238	35		XA238	54			16B	9			MPMRBA	01	MPMRDA	01	1	TQ2	C4		17B		
21165		XA238	54		XA238	53			16B	9			MPMRBA	02	MPMREA	01	1	TQ2	D1		25A		
21081		XA238	53		XA237	55			16B	9			MPMRBA	03	MPBSIA	01	1	TQ2	E3		28B		
21063		XA237	55		XA237	61			16B	9			MPMRBA	04	MPBCIA	01	2	TQ2	E3		29B		
21066		XA237	61		XA237	64			16B	9			MPMRBA	05	MPBC2A	01	2	TQ2	E4		32B		
21061		XA237	64		XA238	59			16B	9			MPMRBA	06	MPBC0A	01	2	TQ2	E2		30A		
21084		XA238	59		XA238	62			16B	9			MPMRBA	07	MPBS2A	01	1	TQ2	E4		31B		
21079		XA238	62		XA238	77			16B	9			MPMRBA	08	MPBS0A	01	1	TQ2	E2		29A		
												****	SIGNAL	(MPMRBA)		IS ON THE	NEXT PAGE	****					

DRAWING NUMBER 149304-800 STRING UNIT ASSEMBLY NO.149304 REV G INDEX MPMRC0  
 UNIT ASSEMBLY NAME CARD CAGE WIRED, MCU FILE IDENT T39MACU DATE 09-02-82 PAGE 132

RECORD NUMBER	FROM			TO			WIRE			SPEC INST	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		
21088		XA238	77		XA237	79		16B	9		MPMRCO	09	MPBS3A	01	1	TQ2	F1		38B			
21070		XA237	79		XA234	69		16B	9		MPMRCO	10	MPBC3A	01	2	TQ2	F1		39B			
21159		XA234	69								MPMRCO	11	MPMRCO	00	1	TQ2	F3		35A	MEM RST		
21163		XA238	39							J	MPMRDA	01	MPMRDA	00	1	TQ2	C4		19B	MPMRFB BUSS		
21164		XA238	52							J	MPMREA	01	MPMREA	00	1	TQ2	D1		24A	MPMRFB BUSS		
21180		XA235	65		XA233	68		16B	9		MPMRFB	0C	MPPARO	01	1	TQ2	F3		34B			
20956		XA233	68		XA235	73		16B	9		MPMRFB	00	MMTRO	01	1	TQ2	F1		32A			
22268		XA235	73		XA240	17		16B	9		MPMRFB	01	MTR060	01	2	TQ2	F2		36B			
21144		XA240	17		XA241	30		16B	9		MPMRFB	02	MPBAA	01	2	TT3	R2		08B			
20999		XA241	30		XA239	50		16B	9		MPMRFB	03	MPACTS	01	1	TS8	C1		15A			
19318		XA239	50		XA238	52		16B	9		MPMRFB	07	MBHLDL	01	4	TD4	D2		23A			
21168		XA238	52		XA238	39		16B	9	P	MPMREA	08	MPMRFB	01	2	TQ2	D1		24A			
21167		XA238	39		XA236	62		16B	9	P	MPMRDA	09	MPMRFB	01	1	TQ2	C4		19B	MEM RST *		
21395		XA236	62		XA334	10		16B	9		MPMRFB	10	MPSBRR	01	3	TT3	E2		29A			
19033		XA334	10		XA334	05		16B	9		MPMRFB	11	MAREQR	01	3	TD4	A1		07A			
19473		XA334	05		XA334	36		16B	9		MPMRFB	12	MBREQR	01	3	TD4	A2		03B			
18878		XA334	36		XA323	37		16B	9		MPMRFB	13	MAHLDL	01	4	TD4	C2		17A			
21373		XA323	37		XA323	47		16B	9		MPMRFB	15	MPPMWA	01	2	TQ2	C4		18B			
21378		XA323	47		XA434	42		16B	9		MPMRFB	16	MPPRMA	01	1	TQ2	D4		25B			
19756		XA434	42		XA434	56		16B	9		MPMRFB	19	MCHLDR1	01	4	TD4	C1		20A			
20314		XA434	56		XA434	78		16B	9		MPMRFB	20	MDHLDL1	01	4	TD4	D1		26A			
19912		XA434	78		XA434	73		16B	9		MPMRFB	21	MCREQR1	01	3	TD4	F1		38A			
20470		XA434	73								MPMRFB	22	MDREQR1	01	3	TD4	F2		36B			
21170		XA239	57		XA238	42		16B	9		MPPAMR	01	MPPAMR	00	1	TD4	E2		30B	A ACCESS MEM *		
21176		XA238	42		XA337	07		16B	9		MPPAMR	02	MPPAMS	01	2	TQ2	C1		20A			
21187		XA337	07					16B	9		MPPAMR	03	MPPASA	01	5	TS8	A1		03A			
21174		XA238	38		XA239	55		16B	9		MPPAMS	01	MPPAMS	00	1	TQ2	C1		18A	A ACCESS MEM		
21169		XA239	55					16B	9		MPPAMS	02	MPPAMR	01	1	TD4	E2		29B			
19707		XA326	06		XA230	36		16B	9		MPPARA	01	MCENAP1	01	1	TDD	AP		05A			
19270		XA230	36		XA230	73		16B	9		MPPARA	02	MBENAP	01	1	TDD	EP		17A			
20246		XA230	73		XA231	50		16B	9		MPPARA	03	MOENAP	01	1	TDD	MP		36B			
18830		XA231	50		XA233	69		16B	9		MPPARA	04	MAENAP	01	1	TDD	HP		23A			
21178		XA233	69								MPPARA	05	MPPARA	00	1	TQ2	F3		35A			
21179		XA233	74		XA235	69		16B	9		MPPARO	01	MPPARA	01	2	TQ2	F3		35B			
21181		XA235	69								MPPARO	02	MPPARO	00	1	TQ2	F3		35A			
21190		XA337	11		XA241	74		16B	9		MPPASA	01	MPPASA	00	1	TS8	A1		05B	A PRIORITY SET*		
21118		XA241	74		XA231	46		16B	9		MPPASA	03	MPENTS	01	4	TS8	F1		35B			
18828		XA231	46								MPPASA	04	MAENAN	01	1	TDD	HN		21A			
21201		XA337	46		XA434	59		16B	9		MPPBMR1	01	MPPBSA	01	2	TS8	D1		21A			
21192		XA434	59		XA433	42		16B	9		MPPBMR1	02	MPPBMR1	00	1	TD4	E1		31B	B ACCESS MEM *		
21199		XA433	42		XA421	23		16B	9		MPPBMR1	03	MPPBMS	01	2	TQ2	C1		20A			
								****		SIGNAL	(MPPBMR1)		IS ON THE					****				



DRAWING NUMBER 149304-800 STRING UNIT ASSEMBLY NO.149304 REV G INDEX MPPBMR1  
 UNIT ASSEMBLY NAME CARD CAGE WIRED, MCU FILE IDENT T39MACU DATE 09-02-82 PAGE 133

RECORD NUMBER	FROM				TO				WIRE				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 FTG	PREFIX	CONNECTOR	PIN	SH FTG	MULTI GROUP	CODE	COLOR	IDENT										
11512		XA421	23										MPPBMR1	04			RR1	C1				
21193		XA434	61										MPPBMS	01	MPPBMR1	01	1	TD4	E1		32B	
21197		XA433	38			XA433	38			16B	9		MPPBMS	02	MPPBMS	00	1	TQ2	C1		18A	B ACCESS MEM
19268		XA230	30			XA241	75			16B	9		MPPBSA	01	MBENAN	01	1	TDD	FN		15A	
21119		XA241	75			XA337	47			16B	9		MPPBSA	02	MPENTS	01	5	TS8	F1		37B	
21202		XA337	47										MPPBSA	03	MPPBSA	00	1	TS8	D1		25B	B PRIORITY SET*
21212		XA428	39			XA433	31			16B	9		MPPCMR	01	MPPCMR	00	1	TT3	C3		19B	
21214		XA433	31			XA430	05			16B	9		MPPCMR	02	MPPCMS	01	2	TQ2	C3		15B	
21218		XA430	05										MPPCMR	03	MPPCSA1	01	3	TS8	A1		03B	
21215		XA433	33			XA428	33			16B	9		MPPCMS	01	MPPCMS	00	1	TQ2	C3		16B	C ACCESS MEM
21209		XA428	33										MPPCMS	02	MPPCMR	01	1	TT3	C3		16B	
21121		XA241	77			XA326	10			16B	9		MPPCSA1	0M	MPENTS	01	6	TS8	F1		38B	
19706		XA326	10			XA421	62			16B	9		MPPCSA1	02	MCENAN	01	1	TDD	AN		07A	
11551		XA421	62			XA430	11			16B	9		MPPCSA1	04				RR1	F5			
21223		XA430	11										MPPCSA1	05	MPPCSA1	00	1	TS8	A1		05B	PRIORITY PORT C *
20244		XA230	72			XA241	78			16B	9		MPPDSA1	0C	MDENAN	01	1	TDD	MN		34A	
21122		XA241	78			XA430	23			16B	9		MPPDSA1	0M	MPENTS	01	7	TS8	F1		38A	
21230		XA430	23			XA421	61			16B	9		MPPDSA1	01	MPPDSA1	00	1	TS8	B1		11B	D PRIORITY SET *
11550		XA421	61										MPPDSA1	02				RR1	G1			
08816		XA330	17			XA332	38			16B	9		MPP0PB4	01				RR4	B4			
21237		XA332	38			XA331	45			16B	9	P	MAPOPD	02	MPP0PB4	01	1	TLD	C1		18A	OP BIT MUX *
21236		XA331	45			XA328	38			16B	9	P	MBPOPD	03	MPP0PB4	02	1	TLD	D3		24B	
21235		XA328	38			XA327	38			16B	9	P	MCPOPD	04	MPP0PB4	03	1	TLD	C1		18A	
21234		XA327	38			XA326	71			16B	9	P	MDPOPD	05	MPP0PB4	04	1	TLD	C1		18A	
21567		XA326	71										MPP0PB4	06	MRD0PI	01	1	TDD	MT		36A	
21240		XA332	30			XA333	06			16B	9	P	MBP00D	01	MPP00B4	02	1	TLD	C2		15A	
21241		XA333	06			XA329	06			16B	9	P	MAP00D	02	MPP00B4	01	1	TLD	A1		05A	00 BIT MUX *
21239		XA329	06			XA330	19			16B	9	P	MCP00D	03	MPP00B4	03	1	TLD	A1		05A	
08818		XA330	19			XA328	30			16B	9		MPP00B4	04				RR4	B5			
21238		XA328	30			XA324	24			16B	9	P	MDP00D	05	MPP00B4	04	1	TLD	C2		15A	
21573		XA324	24			XA324	08			16B	9		MPP00B4	06	MRD00I	01	1	TDD	C1		13A	
21769		XA324	08										MPP00B4	07	MRM00I	01	1	TDD	AT		06A	
21244		XA332	33			XA330	36			16B	9	P	MBP01D	01	MPP01B4	02	1	TLD	C3		16B	
08836		XA330	36			XA328	33			16B	9		MPP01B4	02				RR4	C1			
21242		XA328	33			XA324	18			16B	9	P	MDP01D	03	MPP01B4	04	1	TLD	C3		16B	
21579		XA324	18			XA324	05			16B	9		MPP01B4	04	MRD01I	01	1	TDD	D1		10A	
21775		XA324	05			XA329	01			16B	9		MPP01B4	05	MRM01I	01	1	TDD	BT		03B	
21243		XA329	01			XA333	01			16B	9	P	MCP01D	06	MPP01B4	03	1	TLD	A2		02B	
21245		XA333	01									P	MAP01D	07	MPP01B4	01	1	TLD	A2		02B	01 BIT MUX *
21585		XA324	40			XA328	39			16B	9		MPP02B4	01	MRD02I	01	1	TDD	ET		19A	
										****	SIGNAL	(MPP02B4)			IS ON THE	NEXT PAGE	****					

DRAWING NUMBER 149304-800 STRING UNIT ASSEMBLY NO.149304 REV G INDEX MPP02B4  
 UNIT ASSEMBLY NAME CARD CAGE WIRED, MCU FILE IDENT T39MACU DATE 09-02-82 PAGE 134

RECORD NUMBER	FROM			SH PC	TO			SH PC	WIRE			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
	PREFIX	CONNECTOR	PIN		PREFIX	CONNECTOR	PIN		MULTI GROUP	CODE	COLOR												
21246		XA328	39		XA330	38			168	9		P	MDP02D	02	MPP02B4	04	1	TLD	C4		19B		
08838		XA330	38		XA332	39			168	9		P	MPP02B4	03				RR4	C2				
21248		XA332	39		XA333	09			168	9		P	MBP02D	04	MPP02B4	02	1	TLD	C4		19B		
21249		XA333	09		XA329	09			168	9		P	MAP02D	05	MPP02B4	01	1	TLD	A3		04B	02 BIT MUX *	
21247		XA329	09									P	MCP02D	06	MPP02B4	03	1	TLD	A3		04B		
21250		XA328	52		XA332	52			168	9		P	MDP03D	01	MPP03B4	04	1	TLD	D1		24A		
21252		XA332	52		XA333	15			168	9		P	MBP03D	02	MPP03B4	02	1	TLD	D1		24A		
21253		XA333	15		XA329	15			168	9		P	MAP03D	03	MPP03B4	01	1	TLD	A4		07B	03 BIT MUX *	
21251		XA329	15		XA330	23			168	9		P	MCP03D	04	MPP03B4	03	1	TLD	A4		07B		
08823		XA330	23		XA324	34			168	9		P	MPP03B4	05				RR4	C3				
21591		XA324	34									P	MPP03B4	06	MRD03I	01	1	TDD	E1		16A		
08825		XA330	25		XA329	22			168	9		P	MPP04B4	01				RR4	C4				
21255		XA329	22		XA333	22			168	9		P	MCP04D	02	MPP04B4	03	1	TLD	B1		12A		
21257		XA333	22		XA332	46			168	9		P	MAP04D	03	MPP04B4	01	1	TLD	B1		12A	04 BIT MUX *	
21256		XA332	46		XA328	46			168	9		P	MBP04D	04	MPP04B4	02	1	TLD	D2		21A		
21254		XA328	46		XA324	54			168	9		P	MDP04D	05	MPP04B4	04	1	TLD	D2		21A		
21597		XA324	54									P	MPP04B4	06	MRD04I	01	1	TDD	G1		25A		
21261		XA333	14		XA329	14			168	9		P	MAP05D	01	MPP05B4	01	1	TLD	B2		09A	05 BIT MUX *	
21259		XA329	14		XA330	29			168	9		P	MCP05D	02	MPP05B4	03	1	TLD	B2		09A		
08829		XA330	29		XA332	45			168	9		P	MPP05B4	03				RR4	C5				
21260		XA332	45		XA328	45			168	9		P	MBP05D	04	MPP05B4	02	1	TLD	D3		24B		
21258		XA328	45		XA324	48			168	9		P	MDP05D	05	MPP05B4	04	1	TLD	D3		24B		
21603		XA324	48									P	MPP05B4	06	MRD05I	01	1	TDD	H1		22A		
21265		XA333	21		XA329	21			168	9		P	MAP06D	01	MPP06B4	01	1	TLD	B3		10B	06 BIT MUX *	
21263		XA329	21		XA330	42			168	9		P	MCP06D	02	MPP06B4	03	1	TLD	B3		10B		
08842		XA330	42		XA332	51			168	9		P	MPP06B4	03				RR4	D1				
21264		XA332	51		XA328	51			168	9		P	MBP06D	04	MPP06B4	02	1	TLD	D4		27B		
21262		XA328	51		XA324	68			168	9		P	MDP06D	05	MPP06B4	04	1	TLD	D4		27B		
21609		XA324	68									P	MPP06B4	06	MRD06I	01	1	TDD	J1		32A		
21269		XA333	27		XA329	27			168	9		P	MAP07D	01	MPP07B4	01	1	TLD	B4		13B	07 BIT MUX *	
21267		XA329	27		XA330	46			168	9		P	MCP07D	02	MPP07B4	03	1	TLD	B4		13B		
08846		XA330	46		XA332	66			168	9		P	MPP07B4	03				RR4	D2				
21268		XA332	66		XA328	66			168	9		P	MBP07D	04	MPP07B4	02	1	TLD	E1		31A		
21266		XA328	66		XA324	62			168	9		P	MDP07D	05	MPP07B4	04	1	TLD	E1		31A		
21615		XA324	62									P	MPP07B4	06	MRD07I	01	1	TDD	K1		29A		
08835		XA330	35		XA329	38			168	9		P	MPP08B4	01				RR4	D3				
21271		XA329	38		XA333	38			168	9		P	MCP08D	02	MPP08B4	03	1	TLD	C1		18A		
21273		XA333	38		XA332	60			168	9		P	MAP08D	03	MPP08B4	01	1	TLD	C1		18A	08 BIT MUX *	
21272		XA332	60		XA328	60			168	9		P	MBP08D	04	MPP08B4	02	1	TLD	E2		28A		
21270		XA328	60		XA324	77			168	9		P	MDP08D	05	MPP08B4	04	1	TLD	E2		28A		
21621		XA324	77									P	MPP08B4	06	MRD08I	01	1	TDD	L1		38B		
21277		XA333	30		XA329	30			168	9		P	MAP09D	01	MPP09B4	01	1	TLD	C2		15A	09 BIT MUX *	
21275		XA329	30		XA330	37			168	9		P	MCP09D	02	MPP09B4	03	1	TLD	C2		15A		
									****	SIGNAL					(MPP09B4)						IS ON THE	NEXT PAGE	****

DRAWING NUMBER 149304-800 STRING UNIT ASSEMBLY NO.149304 REV G INDEX MPP09B4  
 UNIT ASSEMBLY NAME CARD CAGE WIRED, MCU FILE IDENT T39MACU DATE 09-02-82 PAGE 135

RECORD NUMBER	FROM			TO			WIRE				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												
08837		XA330	37		XA332	57		16B	9		MPP09B4	03										
21276		XA332	57		XA328	57		16B	9		MPP09B4	04	MPP09B4	02	1	RR4	D4					
21274		XA328	57		XA324	71		16B	9	P	MPP09B4	05	MPP09B4	04	1	TLD	E3		30B			
21627		XA324	71								MPP09B4	06	MRD09I	01	1	TDD	MI		30B			
21278		XA328	63		XA332	63		16B	9	P	MPP10B4	01	MPP10B4	04	1	TLD	E4		36A			
21280		XA332	63		XA333	33		16B	9	P	MPP10B4	02	MPP10B4	02	1	TLD	E4		33B			
21281		XA333	33		XA330	39		16B	9	P	MPP10B4	03	MPP10B4	01	1	TLD	C3		16B	10 BIT MUX *		
08839		XA330	39		XA329	33		16B	9		MPP10B4	04				RR4	O5					
21279		XA329	33		XA325	08		16B	9	P	MPP10B4	05	MPP10B4	03	1	TLD	C3		16B			
21633		XA325	08								MPP10B4	06	MRD10I	01	1	TDD	AI		06A			
21282		XA328	75		XA332	75		16B	9	P	MPP11B4	01	MPP11B4	04	1	TLD	F1		37B			
21284		XA332	75		XA333	39		16B	9	P	MPP11B4	02	MPP11B4	02	1	TLD	E1		37B			
21285		XA333	39		XA330	52		16B	9	P	MPP11B4	03	MPP11B4	01	1	TLD	C4		19B	11 BIT MUX *		
08852		XA330	52		XA329	39		16B	9		MPP11B4	04				RR4	E1					
21283		XA329	39		XA325	05		16B	9	P	MPP11B4	05	MPP11B4	03	1	TLD	C4		19B			
21639		XA325	05								MPP11B4	06	MRD11I	01	1	TDD	BI		03B			
21645		XA325	24		XA329	52		16B	9		MPP12B4	01	MRD12I	01	1	TDD	CI		13A			
21287		XA329	52		XA330	48		16B	9	P	MPP12B4	02	MPP12B4	03	1	TLD	D1		24A			
08848		XA330	48		XA333	52		16B	9		MPP12B4	03				RR4	E2					
21289		XA333	52		XA332	72		16B	9	P	MPP12B4	04	MPP12B4	01	1	TLD	D1		24A	12 BIT MUX *		
21288		XA332	72		XA328	72		16B	9	P	MPP12B4	05	MPP12B4	02	1	TLD	F2		34A			
21286		XA328	72								MPP12B4	06	MPP12B4	04	1	TLD	F2		34A			
21290		XA328	69		XA332	69		16B	9	P	MPP13B4	01	MPP13B4	04	1	TLD	F3		35A			
21292		XA332	69		XA333	46		16B	9	P	MPP13B4	02	MPP13B4	02	1	TLD	E3		35A			
21293		XA333	46		XA330	47		16B	9	P	MPP13B4	03	MPP13B4	01	1	TLD	D2		21A	13 BIT MUX *		
08847		XA330	47		XA329	46		16B	9		MPP13B4	04				RR4	E3					
21291		XA329	46		XA325	18		16B	9	P	MPP13B4	05	MPP13B4	03	1	TLD	D2		21A			
21651		XA325	18								MPP13B4	06	MRD13I	01	1	TDD	DI		10A			
21435		XA229	08		XA325	40		16B	9		MPP14B4	01	MRA14I	01	1	TDD	AI		06A			
21657		XA325	40		XA329	45		16B	9		MPP14B4	02	MRD14I	01	1	TDD	E1		19A			
21295		XA329	45		XA330	45		16B	9	P	MPP14B4	03	MPP14B4	03	1	TLD	D3		24B			
08845		XA330	45		XA333	45		16B	9		MPP14B4	04				RR4	E4					
21297		XA333	45		XA332	80		16B	9	P	MPP14B4	05	MPP14B4	01	1	TLD	D3		24B	14 BIT MUX *		
21296		XA332	80		XA328	80		16B	9	P	MPP14B4	06	MPP14B4	02	1	TLD	F4		39A			
21294		XA328	80								MPP14B4	07	MPP14B4	04	1	TLD	F4		39A			
21441		XA229	05		XA325	34		16B	9		MPP15B4	01	MRA15I	01	1	TDD	BI		03B			
21663		XA325	34		XA327	51		16B	9		MPP15B4	02	MRD15I	01	1	TDD	FI		16A			
21298		XA327	51		XA329	51		16B	9	P	MPP15B4	03	MPP15B4	04	1	TLD	D4		27B			
21299		XA329	51		XA330	41		16B	9	P	MPP15B4	04	MPP15B4	03	1	TLD	D4		27B			
08841		XA330	41		XA331	51		16B	9		MPP15B4	05				RR4	E5					
21300		XA331	51		XA333	51		16B	9	P	MPP15B4	06	MPP15B4	02	1	TLD	D4		27B			
21301		XA333	51								MPP15B4	07	MPP15B4	01	1	TLD	D4		27B	15 BIT MUX *		
21447		XA229	24		XA325	54		16B	9		MPP16B4	01	MRA16I	01	1	TDD	CI		13A			
											****	SIGNAL	MPP16B4	IS ON THE NEXT PAGE				****				

DRAWING NUMBER 149304-800 STRING UNIT ASSEMBLY NO.149304 REV G INDEX MPP16B4  
 UNIT ASSEMBLY NAME CARD CAGE WIRED, MCU FILE IDENT T39MACU DATE 09-02-82 PAGE 136

RECORD NUMBER	FROM				TO				WIRE				SFC INST. IN SC	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	USE	PREFIX	CONNECTOR	PIN	USE	OR FC	MULTI GROUP	CODE	COLOR												
21669		XA325	54		XA327	66					16B	9		P	MPP16B4	02	MRD16I	01	1	TDD	GI	25A		
21302		XA327	66		XA329	66					16B	9		P	MDP16D	03	MPP16B4	04	1	TLD	E1	31A		
21303		XA329	66		XA330	62					16B	9		P	MCP16D	04	MPP16B4	03	1	TLD	E1	31A		
08862		XA330	62		XA331	66					16B	9			MPP16B4	05				RR4	F1			
21304		XA331	66		XA333	66					16B	9		P	MBP16D	06	MPP16B4	02	1	TLD	E1	31A		
21305		XA333	66											P	MAP16D	07	MPP16B4	01	1	TLD	E1	31A	16 BIT MUX *	
21453		XA229	18		XA325	48					16B	9			MPP17B4	01	MRA17I	01	1	TDD	DI	10A		
21675		XA325	48		XA327	60					16B	9			MPP17B4	02	MRD17I	01	1	TDD	HI	22A		
21306		XA327	60		XA329	60					16B	9		P	MDP17D	03	MPP17B4	04	1	TLD	E2	28A		
21307		XA329	60		XA330	56					16B	9		P	MCP17D	04	MPP17B4	03	1	TLD	E2	28A		
08856		XA330	56		XA331	60					16B	9			MPP17B4	05				RR4	F2			
21308		XA331	60		XA333	60					16B	9		P	MBP17D	06	MPP17B4	02	1	TLD	E2	28A		
21309		XA333	60											P	MAP17D	07	MPP17B4	01	1	TLD	E2	28A	17 BIT MUX *	
21681		XA325	68		XA327	57					16B	9			MPP18B4	01	MRD18I	01	1	TDD	JT	32A		
21310		XA327	57		XA329	57					16B	9		P	MDP18D	02	MPP18B4	04	1	TLD	E3	30B		
21311		XA329	57		XA333	57					16B	9		P	MCP18D	03	MPP18B4	03	1	TLD	E3	30B		
21313		XA333	57		XA331	57					16B	9		P	MAP18D	04	MPP18B4	01	1	TLD	E3	30B	18 BIT MUX *	
21312		XA331	57		XA330	55					16B	9		P	MBP18D	05	MPP18B4	02	1	TLD	E3	30B		
08855		XA330	55		XA229	40					16B	9			MPP18B4	06				RR4	F3			
21459		XA229	40												MPP18B4	07	MRA18I	01	1	TDD	E1	19A		
21465		XA229	34		XA330	53					16B	9			MPP19B4	01	MRA19I	01	1	TDD	ET	16A		
08853		XA330	53		XA333	63					16B	9			MPP19B4	02				RR4	F4			
21317		XA333	63		XA331	63					16B	9		P	MAP19D	03	MPP19B4	01	1	TLD	E4	33B	19 BIT MUX *	
21316		XA331	63		XA329	63					16B	9		P	MBP19D	04	MPP19B4	02	1	TLD	E4	33B		
21315		XA329	63		XA327	63					16B	9		P	MCP19D	05	MPP19B4	03	1	TLD	E4	33B		
21314		XA327	63		XA325	62					16B	9		P	MDP19D	06	MPP19B4	04	1	TLD	E4	33B		
21687		XA325	62												MPP19B4	07	MRD19I	01	1	TDD	KT	29A		
21471		XA229	54		XA330	51					16B	9			MPP20B4	01	MRA20I	01	1	TDD	GI	25A		
08851		XA330	51		XA333	75					16B	9			MPP20B4	02				RR4	F5			
21321		XA333	75		XA331	75					16B	9		P	MAP20D	03	MPP20B4	01	1	TLD	F1	37B	20 BIT MUX *	
21320		XA331	75		XA329	75					16B	9		P	MBP20D	04	MPP20B4	02	1	TLD	F1	37B		
21319		XA329	75		XA327	75					16B	9		P	MCP20D	05	MPP20B4	03	1	TLD	F1	37B		
21318		XA327	75		XA325	77					16B	9		P	MDP20D	06	MPP20B4	04	1	TLD	F1	37B		
21693		XA325	77												MPP20B4	07	MRD20I	01	1	TDD	LT	38B		
21699		XA325	71		XA327	72					16B	9			MPP21B4	01	MRD21I	01	1	TDD	MI	36A		
21322		XA327	72		XA333	72					16B	9		P	MDP21D	02	MPP21B4	04	1	TLD	F2	34A		
21325		XA333	72		XA331	72					16B	9		P	MAP21D	03	MPP21B4	01	1	TLD	E2	34A	21 BIT MUX *	
21324		XA331	72		XA330	72					16B	9		P	MBP21D	04	MPP21B4	02	1	TLD	F2	34A		
08872		XA330	72		XA329	72					16B	9			MPP21B4	05				RR4	G1			
21323		XA329	72		XA229	48					16B	9		P	MCP21D	06	MPP21B4	03	1	TLD	F2	34A		
21477		XA229	48												MPP21B4	07	MRA21I	01	1	TDD	HT	22A		
21483		XA229	68		XA326	05					16B	9			MPP22B4	01	MRA22I	01	1	TDD	JT	32A		
21705		XA326	05		XA327	69					16B	9			MPP22B4	02	MRD22I	01	1	TDD	BI	03B		
21326		XA327	69		XA329	69					16B	9		P	MDP22D	03	MPP22B4	04	1	TLD	F3	35A		
															****	SIGNAL	(MPP22B4)	IS ON THE	NEXT PAGE	****				

DRAWING NUMBER 149304-800 STRING UNIT ASSEMBLY NO.149304 REV G INDEX MPP22B4  
 UNIT ASSEMBLY NAME CARD CAGE WIRED, MCU FILE IDENT T39MACU DATE 09-02-82 PAGE 137

RECORD NUMBER	FROM				TO				WIRE				SFC 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	
	PREFIX	CONNECTOR	PIN	IS	PREFIX	CONNECTOR	PIN	IS	MULTI GROUP	CODE	COLOR	IDENT													
21327		XA329	69			XA330	66				16B	9		P	MCP22D	04	MPP22B4	03	1	TLD	F3		35A		
08866		XA330	66			XA331	69				16B	9		P	MPP22B4	05				RR4	G2				
21328		XA331	69			XA333	69				16B	9		P	MCP22D	06	MPP22B4	02	1	TLD	F3		35A		
21329		XA333	69											P	MAP22D	07	MPP22B4	01	1	TLD	F3		35A	22 BIT MUX *	
21333		XA333	80			XA331	80				16B	9		P	MAP23D	01	MPP23B4	01	1	TLD	F4		39A	23 BIT MUX *	
21332		XA331	80			XA327	80				16B	9		P	MCP23D	02	MPP23B4	02	1	TLD	F4		39A		
21330		XA327	80			XA329	80				16B	9		P	MDP23D	03	MPP23B4	04	1	TLD	F4		39A		
21331		XA329	80			XA330	65				16B	9		P	MCP23D	04	MPP23B4	03	1	TLD	F4		39A		
08865		XA330	65			XA326	24				16B	9		P	MPP23B4	05				RR4	G3				
21711		XA326	24			XA229	62				16B	9		P	MPP23B4	06	MRD23I	01	1	TDD	CI		13A		
21489		XA229	62											P	MPP23B4	07	MRA23I	01	1	TDD	KI		29A		
21717		XA326	18			XA327	06				16B	9			MPP24B4	01	MRD24I	01	1	TDD	DI		10A		
21334		XA327	06			XA328	06				16B	9		P	MDP24D	02	MPP24B4	04	1	TLD	A1		05A		
21335		XA328	06			XA229	77				16B	9		P	MCP24D	03	MPP24B4	03	1	TLD	A1		05A		
21495		XA229	77			XA330	08				16B	9			MPP24B4	04	MRA24I	01	1	TDD	LI		38B		
08807		XA330	08			XA331	06				16B	9			MPP24B4	05				RR4	A1				
21336		XA331	06			XA332	06				16B	9		P	MCP24D	06	MPP24B4	02	1	TLD	A1		05A		
21337		XA332	06											P	MAP24D	07	MPP24B4	01	1	TLD	A1		05A	24 BIT MUX *	
21504		XA229	71			XA330	10				16B	9			MPP25B4	01	MRA25I	01	1	TDD	MI		36A		
08809		XA330	10			XA332	01				16B	9			MPP25B4	02				RR4	A2				
21341		XA332	01			XA331	01				16B	9		P	MAP25D	03	MPP25B4	01	1	TLD	A2		02B	25 BIT MUX *	
21340		XA331	01			XA328	01				16B	9		P	MCP25D	04	MPP25B4	02	1	TLD	A2		02B		
21339		XA328	01			XA327	01				16B	9		P	MCP25D	05	MPP25B4	03	1	TLD	A2		02B		
21338		XA327	01			XA326	40				16B	9		P	MDP25D	06	MPP25B4	04	1	TLD	A2		02B		
21723		XA326	40											P	MPP25B4	07	MRD25I	01	1	TDD	EI		19A		
21729		XA326	34			XA327	09				16B	9			MPP26B4	01	MRD26I	01	1	TDD	EI		16A		
21342		XA327	09			XA328	09				16B	9		P	MDP26D	02	MPP26B4	04	1	TLD	A3		04B		
21343		XA328	09			XA330	05				16B	9		P	MCP26D	03	MPP26B4	03	1	TLD	A3		04B		
08804		XA330	05			XA331	09				16B	9			MPP26B4	04				RR4	A3				
21344		XA331	09			XA332	09				16B	9		P	MCP26D	05	MPP26B4	02	1	TLD	A3		04B		
21345		XA332	09			XA230	08				16B	9		P	MAP26D	06	MPP26B4	01	1	TLD	A3		04B	26 BIT MUX *	
21513		XA230	08											P	MPP26B4	07	MRA26I	01	1	TDD	AI		06A		
21735		XA326	54			XA327	15				16B	9			MPP27B4	01	MRD27I	01	1	TDD	GI		25A		
21346		XA327	15			XA328	15				16B	9		P	MDP27D	02	MPP27B4	04	1	TLD	A4		07B		
21347		XA328	15			XA332	15				16B	9		P	MCP27D	03	MPP27B4	03	1	TLD	A4		07B		
21349		XA332	15			XA331	15				16B	9		P	MAP27D	04	MPP27B4	01	1	TLD	A4		07B	27 BIT MUX *	
21348		XA331	15			XA330	07				16B	9		P	MCP27D	05	MPP27B4	02	1	TLD	A4		07B		
08806		XA330	07			XA230	05				16B	9			MPP27B4	06				RR4	A4				
21519		XA230	05											P	MPP27B4	07	MRA27I	01	1	TDD	BI		03B		
21525		XA230	24			XA330	09				16B	9			MPP28B4	01	MRA28I	01	1	TDD	CI		13A		
08808		XA330	09			XA332	22				16B	9			MPP28B4	02				RR4	A5				
21353		XA332	22			XA331	22				16B	9		P	MAP28D	03	MPP28B4	01	1	TLD	B1		12A	28 BIT MUX *	
21352		XA331	22			XA328	22				16B	9		P	MCP28D	04	MPP28B4	02	1	TLD	B1		12A		
21351		XA328	22			XA327	22				16B	9		P	MCP28D	05	MPP28B4	03	1	TLD	B1		12A		
												****	SIGNAL	(MPP28B4)	IS ON THE NEXT PAGE				****						

DRAWING NUMBER 149304-800 STRING UNIT ASSEMBLY NO.149304 REV G INDEX MPP28B4  
 UNIT ASSEMBLY NAME CARD CAGE WIRED, MCU FILE IDENT T39MACU DATE 09-02-82 PAGE 138

RECORD NUMBER	FROM			TO			WIRE					SIGNAL	SEQ NO	EQUATION	TERM	FACT	CKT OR CHIP TYPE	GROUP	LOAD OR POWER PLANE	TEST POINTS AND/OR	SIGNAL DESCRIPTION	ECO NO
	PREFIX	CONNECTOR	PIN	PREFIX	CONNECTOR	PIN	SIZE	MULTI GROUP	CODE	COLOR	IDENT											
21350		XA327	22		XA326	48			16B	9		P	MDP28D	06	MPP28B4	04	1	TLD	B1	12A		
21741		XA326	48										MPP28B4	07	MRD28I	01	1	TDD	H7	22A		
21747		XA326	68		XA327	14			16B	9			MPP29B4	01	MRD29I	01	1	TDD	J1	32A		
21354		XA327	14		XA328	14			16B	9		P	MDP29D	02	MPP29B4	04	1	TLD	B2	09A		
21355		XA328	14		XA332	14			16B	9		P	MCP29D	03	MPP29B4	03	1	TLD	B2	09A		
21357		XA332	14		XA331	14			16B	9		P	MAP29D	04	MPP29B4	01	1	TLD	B2	09A	29 BIT MUX *	
21356		XA331	14		XA330	20			16B	9		P	MBP29D	05	MPP29B4	02	1	TLD	B2	09A		
08819		XA330	20		XA230	18			16B	9			MPP29B4	06				RR4	B1			
21531		XA230	18										MPP29B4	07	MRA29I	01	1	TDD	D1	10A		
21753		XA326	62		XA327	21			16B	9			MPP30B4	01	MRD30I	01	1	TDD	K7	29A		
21358		XA327	21		XA328	21			16B	9		P	MDP30D	02	MPP30B4	04	1	TLD	B3	10B		
21359		XA328	21		XA330	26			16B	9		P	MCP30D	03	MPP30B4	03	1	TLD	B2	10B		
08826		XA330	26		XA331	21			16B	9			MPP30B4	04				RR4	B2			
21360		XA331	21		XA332	21			16B	9		P	MRP30D	05	MPP30B4	02	1	TLD	B3	10B		
21361		XA332	21		XA230	40			16B	9		P	MAP30D	06	MPP30B4	01	1	TLD	B3	10B	30 BIT MUX *	
21537		XA230	40										MPP30B4	07	MRA30I	01	1	TDD	F7	19A		
21365		XA332	27		XA331	27			16B	9		P	MAP31D	01	MPP31B4	01	1	TLD	B4	13B	31 BIT MUX *	
21364		XA331	27		XA330	24			16B	9		P	MBP31D	02	MPP31B4	02	1	TLD	B4	13B		
08824		XA330	24		XA328	27			16B	9			MPP31B4	03				RR4	B3			
21363		XA328	27		XA327	27			16B	9		P	MCP31D	04	MPP31B4	03	1	TLD	B4	13B		
21362		XA327	27		XA326	77			16B	9		P	MDP31D	05	MPP31B4	04	1	TLD	B4	13B		
21759		XA326	77										MPP31B4	06	MRD31I	01	1	TDD	L1	38B		
21369		XA235	76		XA237	52			16B	9			MPREDA	01	MPREDO	01	1	TQ2	F4	37A		
21366		XA237	52										MPREDA	02	MPREDA	00	1	TQ2	D1	24A	I/O ENABLE TMING *	
19899		XA434	13		XA434	07			16B	9			MPREDO	AA	MCREDA	01	4	TD4	A1	06B		
20456		XA434	07		XA239	13			16B	9			MPREDO	BB	MDREDA	01	4	TD4	A2	03A		
19021		XA239	13		XA239	07			16B	9			MPREDO	CC	MAREDA	01	4	TD4	A1	06B		
19460		XA239	07		XA240	01			16B	9			MPREDO	00	MBREDA	01	4	TD4	A2	03A		
20930		XA240	01		XA236	79			16B	9			MPREDO	01	MMACTA	01	1	TT3	A2	02B		
20937		XA236	79		XA235	80			16B	9			MPREDO	02	MMACTA	01	3	TT3	F1	39B		
21371		XA235	80										MPREDO	03	MPREDO	00	1	TQ2	F4	39A	I/O ENABLE TMING	
21374		XA323	39		XA237	68			16B	9			MPRMWA	01	MPRMWA	00	1	TQ2	C4	19B	RM & CW MODE *	
21376		XA237	68		XA240	14			16B	9			MPRMWA	02	MPRMWO	01	1	TQ2	E1	32A		
21143		XA240	14										MPRMWA	03	MPMBA	01	1	TT3	B2	09A		
21386		XA234	76		XA237	66			16B	9			MPRMWA	01	MPSBGA	01	1	TQ2	F4	37A		
21375		XA237	66		XA338	19			16B	9			MPRMWO	02	MPRMWO	00	1	TQ2	E1	31A	RM & CW MODE	
21415		XA338	19										MPRMWO	03	MPWSTO	01	2	TQ2	B3	09B		
21145		XA240	18		XA323	51			16B	9			MPPRMA	01	MPMBA	01	3	TT3	B2	10A		
21380		XA323	51										MPPRMA	02	MPPRMA	00	1	TQ2	D4	27B	RR & RM MODE *	
21381		XA334	35		XA337	60			16B	9			MPPRMA	01	MPRSTO	00	1	TD4	C1	17B	PRIORITY PORT B *	
22277		XA337	60										MPPRMA	02	MTSRTA	01	2	TS8	E1	28A		

DRAWING NUMBER 149304-800 STRING UNIT ASSEMBLY NO.149304 REV G INDEX MPRSTO  
 UNIT ASSEMBLY NAME CARD CAGE WIRED, MCU FILE IDENT T39MACU DATE 09-02-82 PAGE 139

RECORD NUMBER	FROM			TO			WIRE			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	SH FT	SH FT	SH FT											
21388		XA234	80		XA233	18			16B	9								39A	S1B WINDOW *	
21390		XA233	18								MPSBGA	01	MPSBGA	00	1	TQ2	F4	10A		
20601		XA434	50		XA434	36			16B	9								23A		
19924		XA434	36		XA239	70			16B	9								17A		
19486		XA239	70		XA239	56			16B	9								33A		
19046		XA239	56		XA233	14			16B	9								26A		
21389		XA233	14								MPSBGO	05	MPSBGO	00	1	TQ2	B2	09A	S1B WINDOW	
21556		XA323	77		XA323	68			16B	9								38B		
21544		XA323	68		XA323	62			16B	9								32A		
21547		XA323	62		XA323	59			16B	9								29A		
21552		XA323	59		XA323	53			16B	9								31B		
21549		XA323	53		XA338	17			16B	9								28B		
21414		XA338	17		XA236	55			16B	9								08B		
21393		XA236	55		XA241	64			16B	9								29B	S1B RCVD *	
21401		XA241	64								MPSBRR	08	MPSBRS	01	5	TS8	E1	30A		
21397		XA241	59		XA236	53			16B	9								31B	S1B RCVD	
21392		XA236	53								MPSBRS	02	MPSBRR	01	1	TT3	E2	28B		
21406		XA239	76		XA237	47			16B	9								37A	S2A TMNG *	
21417		XA237	47								MPS2AA	02	MPYS20	01	1	TQ2	D4	25B		
21418		XA237	49		XA236	51			16B	9								26B		
21413		XA236	51								MPS2BA	02	MPS2BA	00	1	TT3	D3	27B	S2B TMNG *	
21416		XA338	21		XA236	66			16B	9								10B	S1B WATT CW & RM	
22288		XA236	66								MPWSTO	02	MTSWTA	01	1	TT3	E1	31A		
21419		XA237	51		XA322	13			16B	9								27B	S2A & B	
19085		XA322	13								MPYS20	02	MAYS2GX	01	1	ACF	B1	06A		
20466		XA430	70		XA430	56			16B	9								33A		
19908		XA430	56		XA337	42			16B	9								26A		
19470		XA337	42		XA337	26			16B	9								20A		
19030		XA337	26		XA238	74			16B	9								14A		
20992		XA238	74		XA237	09			16B	9								35B		
21422		XA237	09								MPOBCA	06	MPOBCA	00	1	TQ2	A3	04B	OFF-LINE INHIBIT *	
21420		XA237	03		XA238	01			16B	9								02A		
21423		XA238	01								MPOBCO	02	MPOBCO	00	1	TQ2	A2	02B	OFF-LINE INHIBIT	
21532		XA230	14		XA230	26			16B	9								09A		
21526		XA230	26		XA230	42			16B	9								14A		
21538		XA230	42		XA235	66			16B	9								20A		
21426		XA235	66		XA324	01			16B	9								31A	REG ADR CLOCK *	
21776		XA324	01		XA324	10			16B	9								02B		
										****	SIGNAL	(MRACAA	IS ON THE	NEXT PAGE	****					

DRAWING NUMBER 149304-800 STRING UNIT ASSEMBLY NO.149304 REV G INDEX MRACAA  
 UNIT ASSEMBLY NAME CARD CAGE WIRED, MCU FILE IDENT T39MACU DATE 09-02-82 PAGE 140

RECORD NUMBER	FROM			TO			WIRE				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	SH FT	MULTI GROUP	CODE	COLOR											
21770		XA324	10								MRACAA	06	MRMOON	01	1	TDD	AN		07A		
21429		XA235	60	XA	229	56			16B	9	MRACBA	01	MRACBA	00	1	TQ2	E2		28A	REG ADR CLOCK *	
21472		XA229	56	XA	229	42			16B	9	MRACBA	02	MRA20N	01	1	TDD	GN		26A		
21460		XA229	42	XA	229	30			16B	9	MRACBA	03	MRA18N	01	1	TDD	EN		20A		
21466		XA229	30	XA	229	26			16B	9	MRACBA	04	MRA19N	01	1	TDD	FN		15A		
21448		XA229	26	XA	229	14			16B	9	MRACBA	05	MRA16N	01	1	TDD	CN		14A		
21454		XA229	14	XA	229	10			16B	9	MRACBA	06	MRA17N	01	1	TDD	DN		09A		
21436		XA229	10	XA	229	01			16B	9	MRACBA	07	MRA14N	01	1	TDD	AN		07A		
21442		XA229	01								MRACBA	08	MRA15N	01	1	TDD	BN		02B		
21520		XA230	01	XA	230	10			16B	9	MRACCA	01	MRA27N	01	1	TDD	BN		02B		
21514		XA230	10	XA	229	46			16B	9	MRACCA	02	MRA26N	01	1	TDD	AN		07A		
21478		XA229	46	XA	229	79			16B	9	MRACCA	03	MRA21N	01	1	TDD	HN		21A		
21496		XA229	79	XA	229	72			16B	9	MRACCA	04	MRA24N	01	1	TDD	LN		39B		
21505		XA229	72	XA	229	70			16B	9	MRACCA	05	MRA25N	01	1	TDD	MN		34A		
21484		XA229	70	XA	229	60			16B	9	MRACCA	06	MRA22N	01	1	TDD	JN		33A		
21490		XA229	60	XA	235	57			16B	9	MRACCA	07	MRA23N	01	1	TDD	KN		28A		
21434		XA235	57								MRACCA	08	MRACCA	00	1	TQ2	E3		30B	REG ADR CLOCK *	
22580		XA225	79	XA	225	70			16B	9	MRA14P	01	MUB07A	01	3	TT3	F1		39B		
22559		XA225	70	XA	225	61			16B	9	MRA14P	02	MUB04A	01	3	TT3	E1		33A		
22572		XA225	61	XA	225	62			16B	9	MRA14P	03	MUB06A	01	3	TT3	E3		32B		
22566		XA225	62	XA	229	11			16B	9	MRA14P	04	MUB05A	01	3	TT3	E2		29A		
21438		XA229	11								MRA14P	05	MRA14P	00	1	TDD	AP		05B	BIT 14 ADR REG	
22538		XA225	56	XA	225	48			16B	9	MRA14Q	01	MUB01A	01	3	TT3	D1		26A		
22545		XA225	48	XA	225	49			16B	9	MRA14Q	02	MUB02A	01	3	TT3	D2		22A		
22551		XA225	49	XA	225	37			16B	9	MRA14Q	03	MUB03A	01	3	TT3	D3		26B		
22530		XA225	37	XA	229	13			16B	9	MRA14Q	04	MUB00A	01	3	TT3	C3		18B		
21439		XA229	13								MRA14Q	05	MRA14Q	00	1	TDD	AQ		06B	BIT 14 ADR REG *	
22579		XA225	77	XA	225	59			16B	9	MRA15P	01	MUB07A	01	2	TT3	F1		38B		
22571		XA225	59	XA	225	47			16B	9	MRA15P	02	MUB06A	01	2	TT3	E3		31B		
22550		XA225	47	XA	225	46			16B	9	MRA15P	03	MUB03A	01	2	TT3	D3		25B		
22544		XA225	46	XA	229	09			16B	9	MRA15P	04	MUB02A	01	2	TT3	D2		21A		
21444		XA229	09								MRA15P	05	MRA15P	00	1	TDD	BP		04B	BIT 15 ADR REG	
21446		XA229	07	XA	225	35			16B	9	MRA15Q	01	MRA15Q	00	1	TDD	BQ		03A	BIT 15 ADR REG *	
22529		XA225	35	XA	225	54			16B	9	MRA15Q	02	MUB00A	01	2	TT3	C3		17B		
22537		XA225	54	XA	225	60			16B	9	MRA15Q	03	MUB01A	01	2	TT3	D1		25A		
22565		XA225	60	XA	225	68			16B	9	MRA15Q	04	MUB05A	01	2	TT3	E2		28A		
22558		XA225	68								MRA15Q	05	MUB04A	01	2	TT3	E1		32A		
21450		XA229	23	XA	225	45			16B	9	MRA16P	01	MRA16P	00	1	TDD	CP		11B	BIT 16 ADR REG	
22549		XA225	45	XA	225	52			16B	9	MRA16P	02	MUB03A	01	1	TT3	D3		24B		
22536		XA225	52	XA	225	53			16B	9	MRA16P	03	MUB01A	01	1	TT3	D1		24A		
22563		XA225	53	XA	225	75			16B	9	MRA16P	04	MUB05A	01	1	TT3	E2		28B		
22578		XA225	75								MRA16P	05	MUB07A	01	1	TT3	F1		37B		
									****	SIGNAL	MRA16Q									IS ON THE NEXT PAGE	****



DRAWING NUMBER 149304-800 STRING UNIT ASSEMBLY NO.149304 REV G INDEX MRA16Q  
 UNIT ASSEMBLY NAME CARD CAGE WIRED, MCU FILE IDENT T39MACU DATE 09-02-82 PAGE 141

RECORD NUMBER	FROM			TO	WIRE				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	SH FTG												MULTI GROUP
22557		XA225	66		XA225	57			16B	9				01	1	TT3	E1	31A		
22570		XA225	57		XA225	41			16B	9				02	1	TT3	E3	30B		
22542		XA225	41		XA225	33			16B	9				03	1	TT3	D2	22B		
22528		XA225	33		XA229	25			16B	9				04	1	TT3	C3	16B		
21451		XA229	25											05	1	TDD	CQ	12B	BIT 16 ADR REG *	
21790		XA132	36		XA229	21			16B	9				01	2	TQ2	C2	17A		
21456		XA229	21						16B	9				02	1	TDD	DP	10B	BIT 17 ADR REG	
21793		XA132	42		XA229	19			16B	9				01	2	TQ2	C1	20A		
21458		XA229	19						16B	9				02	1	TDD	DQ	09B	BIT 17 ADR REG *	
21795		XA132	37		XA229	35			16B	9				01	2	TQ2	C4	18B		
21461		XA229	35						16B	9				02	1	TDD	EP	17B	BIT 18 ADR REG	
21798		XA132	31		XA229	37			16B	9				01	2	TQ2	C3	15B		
21463		XA229	37						16B	9				02	1	TDD	EQ	18B	BIT 18 ADR REG *	
21802		XA132	50		XA229	33			16B	9				01	2	TQ2	D2	23A		
21467		XA229	33						16B	9				02	1	TDD	FP	16B	BIT 19 ADR REG	
21805		XA132	56		XA229	31			16B	9				01	2	TQ2	D1	26A		
21470		XA229	31						16B	9				02	1	TDD	FQ	15B	BIT 19 ADR REG *	
20985		XA236	34		XA236	35			16B	9				AA	3	TT3	C2	16A		
20979		XA236	35		XA229	47			16B	9				00	2	TT3	C3	17B		
21473		XA229	47		XA232	68			16B	9				01	1	TDD	GP	25B	BIT 20 ADR REG	
21031		XA232	68		XA132	49			16B	9				02	1	TDD	JI	32A		
21807		XA132	49											03	2	TQ2	D4	26B		
21810		XA132	43		XA229	49			16B	9				01	2	TQ2	D3	23B		
21475		XA229	49						16B	9				02	1	TDD	GQ	26B	BIT 20 ADR REG *	
21479		XA229	45		XA132	64			16B	9				01	1	TDD	HP	24B	BIT 21 ADR REG	
21814		XA132	64		XA232	62			16B	9				02	2	TQ2	E2	30A		
21037		XA232	62						16B	9				03	1	TDD	KI	29A		
21817		XA132	70		XA229	43			16B	9				02	2	TQ2	E1	33A		
21482		XA229	43						16B	9				03	1	TDD	HQ	23B	BIT 21 ADR REG *	
21819		XA132	61		XA232	77			16B	9				01	2	TQ2	E4	32B		
21043		XA232	77		XA229	59			16B	9				02	1	TDD	IT	38B		
21485		XA229	59											03	1	TDD	JP	31B	BIT 22 ADR REG	
21822		XA132	55		XA229	61			16B	9				01	2	TQ2	E3	29B		
21487		XA229	61						16B	9				02	1	TDD	JQ	32B	BIT 22 ADR REG *	
21826		XA132	73		XA232	71			16B	9				01	2	TQ2	F2	36B		
21049		XA232	71		XA229	57			16B	9				02	1	TDD	MI	36A		
21491		XA229	57		XA228	68			16B	9				03	1	TDD	KP	30B	BIT 23 ADR REG	
									****	SIGNAL	MRA23P								IS ON THE NEXT PAGE	****

DRAWING NUMBER 149304-800 STRING UNIT ASSEMBLY NO.149304 REV G INDEX MRA23P  
 UNIT ASSEMBLY NAME CARD CAGE WIRED, MCU FILE IDENT T39MACU DATE 09-02-82 PAGE 142

RECORD NUMBER	FROM			TO			WIRE				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												
20969		XA228	68								MRA23P	04	MMTREA	01	3	TD4	E1		32A			
21494		XA229	55		XA132	79			16B	9			MRA23Q	01	MRA23Q	00	1	TDD	KQ	29B	BIT 23 ADR REG *	
21829		XA132	79										MRA23Q	02	MRW230	01	2	TQ2	F1	39B		
21831		XA132	78		XA229	76			16B	9			MRA24P	01	MRW24A	01	2	TQ2	F4	38A		
21498		XA229	76										MRA24P	02	MRA24P	00	1	TDD	LP	37A	BIT 24 ADR REG	
21835		XA132	74		XA229	78			16B	9			MRA24Q	01	MRW240	01	2	TQ2	F3	35B		
21499		XA229	78										MRA24Q	02	MRA24Q	00	1	TDD	LQ	38A	BIT 24 ADR REG *	
21503		XA235	15		XA339	07			16B	9			MRA25A	01	MRA25A	00	1	TQ2	A4	07B	BIT 25 ADR*	
22001		XA339	07		XA339	10			16B	9			MRA25A	02	MSSA7A	01	2	TQ2	A3	03A		
21999		XA339	10		XA340	31			16B	9			MRA25A	03	MSSA6A	01	2	TQ2	A1	07A		
21983		XA340	31		XA340	42			16B	9			MRA25A	04	MSSA1A	01	2	TQ2	C3	15B		
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		
21995		XA340	55		XA340	56			16B	9			MRA25A	07	MSSA5A	01	2	TQ2	F3	29B		
21987		XA340	56		XA340	70			16B	9			MRA25A	08	MSSA2A	01	2	TQ2	D1	26A		
21993		XA340	70										MRA25A	09	MSSA4A	01	2	TQ2	E1	33A		
21501		XA235	11		XA235	19			16B	9			MRA25P	01	MRA25A	01	1	TQ2	A4	05B		
23233		XA235	19		XA235	25			16B	9			MRA25P	02	MWG03A	01	2	TQ2	B3	09B		
23239		XA235	25		XA229	69			16B	9			MRA25P	03	MWG04A	01	2	TQ2	B4	12B		
21506		XA229	69										MRA25P	04	MRA25P	00	1	TDD	MP	35A	BIT 25 ADR REG	
21510		XA235	03		XA235	20			16B	9			MRA25Q	01	MRA250	01	1	TQ2	A3	02A		
23228		XA235	20		XA235	26			16B	9			MRA25Q	02	MWG02A	01	2	TQ2	B2	11A		
23222		XA235	26		XA229	74			16B	9			MRA25Q	03	MWG01A	01	2	TQ2	B1	14A		
21509		XA229	74										MRA25Q	04	MRA25Q	00	1	TDD	MQ	35B	BIT 25 ADR REG *	
22017		XA340	64		XA340	61			16B	9			MRA250	01	MSSB4A	01	2	TQ2	E2	30A		
22019		XA340	61		XA340	49			16B	9			MRA250	02	MSSB5A	01	2	TQ2	E4	32B		
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		
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		
22025		XA339	13		XA339	05			16B	9			MRA250	07	MSSB7A	01	2	TQ2	A4	06B		
22023		XA339	05		XA235	09			16B	9			MRA250	08	MSSB6A	01	2	TQ2	A2	03B		
21512		XA235	09										MRA250	09	MRA250	00	1	TQ2	A3	04B		
21516		XA230	11		XA235	23			16B	9			MRA26P	01	MRA26P	00	1	TDD	AP	05B	BIT 26 ADR REG	
23238		XA235	23		XA235	18			16B	9			MRA26P	02	MWG04A	01	1	TQ2	B4	11B		
23227		XA235	18		XA239	22			16B	9			MRA26P	03	MWG02A	01	1	TQ2	B2	10A		
21104		XA239	22										MRA26P	04	MPCTRA	01	1	TD4	B1	12A		
20974		XA236	56		XA235	24			16B	9			MRA26Q	01	MMTSTA	01	3	TT3	D1	26A		
23221		XA235	24		XA235	17			16B	9			MRA26Q	02	MWG01A	01	1	TQ2	B1	13A		
23232		XA235	17		XA230	13			16B	9			MRA26Q	03	MWG03A	01	1	TQ2	B3	08B		
21517		XA230	13										MRA26Q	04	MRA26Q	00	1	TDD	AQ	06B	BIT 26 ADR REG *	

DRAWING NUMBER 149304-800 STRING UNIT ASSEMBLY NO. 149304 REV G INDEX MRA26Q  
 UNIT ASSEMBLY NAME CARD CAGE WIRED, MCU FILE IDENT T39AMCMU DATE 09-02-82 PAGE 143

RECORD NUMBER	FROM			SH PG	TO			SH PG	WIRE			SFC 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
	PREFIX	CONNECTOR	PIN		PREFIX	CONNECTOR	PIN		CODE	COLOR	IDENT												
22365		XA225	42		XA225	34		16B	9			MRA27P	01	MUA06A	01	3	TT3	C1		20A			
22372		XA225	34		XA225	25		16B	9			MRA27P	02	MUA07A	01	3	TT3	C2		16A			
22357		XA225	25		XA225	18		16B	9			MRA27P	03	MUA05A	01	3	TT3	B3		12B			
22350		XA225	18		XA230	09		16B	9			MRA27P	04	MUA04A	01	3	TT3	B2		10A			
21522		XA230	09		XA236	23		16B	9			MRA27P	05	MRA27P	00	1	TDD	BP		04B	BIT 27 ADR REG		
21056		XA236	23		XA240	68		16B	9			MRA27P	06	MPBCIA	01	2	TT3	B3		11B			
21026		XA240	68									MRA27P	07	MPBACA	01	2	TT3	E1		32A			
22344		XA225	26		XA225	13		16B	9			MRA27Q	01	MUA03A	01	3	TT3	B1		14A			
22336		XA225	13		XA225	05		16B	9			MRA27Q	02	MUA02A	01	3	TT3	A3		06B			
22329		XA225	05		XA225	10		16B	9			MRA27Q	03	MUA01A	01	3	TT3	A2		03B			
22323		XA225	10		XA230	07		16B	9			MRA27Q	04	MUA00A	01	3	TT3	A1		07A			
21524		XA230	07		XA239	24		16B	9			MRA27Q	05	MRA27Q	00	1	TDD	BQ		03A	BIT 27 ADR REG *		
21106		XA239	24		XA236	54		16B	9			MRA27Q	06	MPCTRA	01	2	TD4	B1		13A			
20973		XA236	54									MRA27Q	07	MMTSTA	01	2	TT3	D1		25A			
22335		XA225	11		XA225	40		16B	9			MRA28P	01	MUA02A	01	2	TT3	A3		05B			
22364		XA225	40		XA225	30		16B	9			MRA28P	02	MUA06A	01	2	TT3	C1		19A			
22370		XA225	30		XA225	24		16B	9			MRA28P	03	MUA07A	01	2	TT3	C2		15A			
22343		XA225	24		XA230	23		16B	9			MRA28P	04	MUA03A	01	2	TT3	B1		13A			
21528		XA230	23		XA236	33		16B	9			MRA28P	05	MRA28P	00	1	TDD	CP		11B	BIT 28 ADR REG		
20978		XA236	33									MRA28P	06	MMT01A	01	1	TT3	C3		16B			
21529		XA230	25		XA225	23		16B	9			MRA28Q	01	MRA28Q	00	1	TDD	CQ		12B	BIT 28 ADR REG *		
22356		XA225	23		XA225	17		16B	9			MRA28Q	02	MUA05A	01	2	TT3	B3		11B			
22349		XA225	17		XA225	03		16B	9			MRA28Q	03	MUA04A	01	2	TT3	B2		08B			
22328		XA225	03		XA225	08		16B	9			MRA28Q	04	MUA01A	01	2	TT3	A2		02A			
22322		XA225	08									MRA28Q	05	MUA00A	01	2	TT3	A1		06A			
22327		XA225	01		XA225	29		16B	9			MRA29P	01	MUA01A	01	1	TT3	A2		02B			
22369		XA225	29		XA225	21		16B	9			MRA29P	02	MUA07A	01	1	TT3	C2		14B			
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			
21534		XA230	21		XA236	30		16B	9			MRA29P	05	MRA29P	00	1	TDD	DP		10B	BIT 29 ADR REG		
20983		XA236	30									MRA29P	06	MMT05A	01	2	TT3	C2		15A			
21536		XA230	19		XA225	06		16B	9			MRA29Q	01	MRA29Q	00	1	TDD	DQ		09B	BIT 29 ADR REG*		
22321		XA225	06		XA225	09		16B	9			MRA29Q	02	MUA00A	01	1	TT3	A1		05A			
22334		XA225	09		XA225	14		16B	9			MRA29Q	03	MUA02A	01	1	TT3	A3		04B			
22348		XA225	14		XA225	38		16B	9			MRA29Q	04	MUA04A	01	1	TT3	B2		09A			
22363		XA225	38									MRA29Q	05	MUA06A	01	1	TT3	C1		18A			
23213		XA323	42		XA228	66		16B	9			MRA30P	01	MWEBNA	01	2	TQ2	C1		20A			
20968		XA228	66		XA230	35		16B	9			MRA30P	02	MMTREA	01	2	TD4	E1		31A			
21539		XA230	35									MRA30P	03	MRA30P	00	1	TDD	EP		17B	BIT 30 ADR REG		
21541		XA230	37		XA323	23		16B	9			MRA30Q	01	MRA30Q	00	1	TDD	EQ		18B	BIT 30 ADR REG *		
23208		XA323	23									MRA30Q	02	MWEANA	01	1	TQ2	R4		11B			

DRAWING NUMBER 149304-800 STRING UNIT ASSEMBLY NO. 149304 REV G INDEX MRA26Q  
 UNIT ASSEMBLY NAME CARD CAGE WIRED, MCU FILE IDENT T39AMCMU DATE 09-02-82 PAGE 144

21543	XA323	66		XA324	70	16B	9	MRDCA0	01	MRDCA0	00	I	TQ2	E1	31A	DATA REG CLOCK
21610	XA324	70		XA324	56	16B	9	MRDCA0	02	MRD06N	01	I	TDD	JN	33A	
21598	XA324	56		XA324	46	16B	9	MRDCA0	03	MRD04N	01	I	TDD	GN	26A	
21604	XA324	46		XA324	42	16B	9	MRDCA0	04	MRD05N	01	I	TDD	HN	21A	
21586	XA324	42		XA324	30	16B	9	MRDCA0	05	MRD02N	01	I	TDD	EN	20A	
21592	XA324	30		XA324	26	16B	9	MRDCA0	06	MRD03N	01	I	TDD	FN	15A	
21574	XA324	26		XA324	14	16B	9	MRDCA0	07	MRD00N	01	I	TDD	CN	14A	
21580	XA324	14						MRDCA0	08	MRD01N	01	I	TDD	DN	09A	
21640	XA325	01		XA325	10	16B	9	MRDCB0	01	MRD11N	01	I	TDD	BN	02B	
21634	XA325	10		XA325	14	16B	9	MRDCB0	02	MRD10N	01	I	TDD	AN	07A	
21652	XA325	14		XA325	26	16B	9	MRDCB0	03	MRD13N	01	I	TDD	DN	09A	
21646	XA325	26		XA324	60	16B	9	MRDCB0	04	MRD12N	01	I	TDD	CN	14A	
21616	XA324	60		XA323	60	16B	9	MRDCB0	05	MRD07N	01	I	TDD	KN	28A	
21546	XA323	60		XA324	72	16B	9	MRDCB0	06	MRDCB0	00	I	TQ2	E2	28A	DATA REG CLOCK
21628	XA324	72		XA324	79	16B	9	MRDCB0	07	MRD09N	01	I	TDD	MN	34A	
21622	XA324	79						MRDCB0	08	MRD08N	01	I	TDD	LN	39B	
21551	XA323	57		XA325	79	16B	9	MRDCC0	01	MRDCC0	00	I	TQ2	E3	30B	DATA REG CLOCK
21694	XA325	79		XA325	70	16B	9	MRDCC0	02	MRD20N	01	I	TDD	LN	39B	
21682	XA325	70		XA325	60	16B	9	MRDCC0	03	MRD18N	01	I	TDD	JN	33A	
21688	XA325	60		XA325	56	16B	9	MRDCC0	04	MRD19N	01	I	TDD	KN	28A	
21670	XA325	56		XA325	46	16B	9	MRDCC0	05	MRD16N	01	I	TDD	GN	26A	
21676	XA325	46		XA325	42	16B	9	MRDCC0	06	MRD17N	01	I	TDD	HN	21A	
21658	XA325	42		XA325	30	16B	9	MRDCC0	07	MRD14N	01	I	TDD	EN	20A	
21664	XA325	30						MRDCC0	08	MRD15N	01	I	TDD	FN	15A	
21706	XA326	01		XA326	14	16B	9	MRDCD0	01	MRD22N	01	I	TDD	BN	02B	
21718	XA326	14		XA326	26	16B	9	MRDCD0	02	MRD24N	01	I	TDD	DN	09A	
21712	XA326	26		XA326	30	16B	9	MRDCD0	03	MRD23N	01	I	TDD	CN	14A	
21730	XA326	30		XA326	42	16B	9	MRDCD0	04	MRD26N	01	I	TDD	FN	15A	
21724	XA326	42		XA326	56	16B	9	MRDCD0	05	MRD25N	01	I	TDD	EN	20A	
21736	XA326	56		XA325	72	16B	9	MRDCD0	06	MRD27N	01	I	TDD	GN	26A	
21700	XA325	72		XA323	63	16B	9	MRDCD0	07	MRD21N	01	I	TDD	MN	34A	
21554	XA323	63						MRDCD0	08	MRDCD0	00	I	TQ2	E4	33B	DATA REG CLOCK
21742	XA326	46		XA326	60	16B	9	MRDCE0	01	MRD28N	01	I	TDD	HN	21A	
21754	XA326	60		XA326	70	16B	9	MRDCE0	02	MRD30N	01	I	TDD	KN	28A	
21748	XA326	70		XA326	72	16B	9	MRDCE0	03	MRD29N	01	I	TDD	JN	33A	
21568	XA326	72		XA326	79	16B	9	MRDCE0	04	MRD09N	01	I	TDD	MN	34A	
21760	XA326	79		XA323	75	16B	9	MRDCE0	05	MRD31N	01	I	TDD	LN	39B	
21555	XA323	75						MRDCE0	06	MRDCE0	00	I	TQ2	E1	37B	DATA REG CLOCK
21626	XA324	80		XA324	65	16B	9	MRDRAA	01	MRD08Q	01	I	TDD	LQ	39A	
21631	XA324	65		XA324	63	16B	9	MRDRAA	02	MRD09Q	01	I	TDD	MQ	34B	
21614	XA324	63		XA324	53	16B	9	MRDRAA	03	MRD06Q	01	I	TDD	JQ	33B	
21619	XA324	53		XA324	51	16B	9	MRDRAA	04	MRD07Q	01	I	TDD	KQ	28B	
21602	XA324	51		XA323	52	16B	9	MRDRAA	05	MRD04Q	01	I	TDD	GQ	27B	
*** SIGNAL (MRDRAA) IS ON THE NEXT PAGE ***																

DRAWING NUMBER 149304-800 STRING UNIT ASSEMBLY NO. 149304 REV G INDEX MRA26Q  
 UNIT ASSEMBLY NAME CARD CAGE WIRED, MCU FILE IDENT T39AMCMU DATE 09-02-82 PAGE 145

21558		XA323	52			XA324	41			168	9			MRDRAA	06	MRDRAA	00	1	TQ2	D1		24A	DATA REG RESET	
21607		XA324	41			XA324	39			168	9			MRDRAA	07	MRD05Q	01	1	TDD	HQ		22B		
21590		XA324	39			XA324	29			168	9			MRDRAA	08	MRD02Q	01	1	TDD	EQ		19B		
21595		XA324	29			XA324	27			168	9			MRDRAA	09	MRD03Q	01	1	TDD	FQ		14B		
21578		XA324	27			XA325	27			168	9			MRDRAA	10	MRD00Q	01	1	TDD	CQ		13B		
21650		XA325	27			XA325	17			168	9			MRDRAA	11	MRD12Q	01	1	TDD	CQ		13B		
21655		XA325	17			XA325	15			168	9			MRDRAA	12	MRD13Q	01	1	TDD	DQ		08B		
21638		XA325	15			XA324	17			168	9			MRDRAA	13	MRD10Q	01	1	TDD	AQ		07B		
21583		XA324	17			XA325	03			168	9			MRDRAA	14	MRD01Q	01	1	TDD	DQ		08B		
21643		XA325	03											MRDRAA	15	MRD11Q	01	1	TDD	BQ		02A		
21709		XA326	03			XA326	17			168	9			MRDRBA	01	MRD22Q	01	1	TDD	BQ		02A		
21721		XA326	17			XA325	29			168	9			MRDRBA	02	MRD24Q	01	1	TDD	DQ		08B		
21667		XA325	29			XA326	27			168	9			MRDRBA	03	MRD15Q	01	1	TDD	FQ		14B		
21716		XA326	27			XA326	29			168	9			MRDRBA	04	MRD23Q	01	1	TDD	CQ		13B		
21733		XA326	29			XA326	39			168	9			MRDRBA	05	MRD26Q	01	1	TDD	FQ		14B		
21728		XA326	39			XA325	39			168	9			MRDRBA	06	MRD25Q	01	1	TDD	EQ		19B		
21662		XA325	39			XA325	41			168	9			MRDRBA	07	MRD14Q	01	1	TDD	EQ		19B		
21679		XA325	41			XA323	46			168	9			MRDRBA	08	MRD17Q	01	1	TDD	HQ		22B		
21561		XA323	46			XA325	51			168	9			MRDRBA	09	MRDRBA	00	1	TQ2	D2		21A	DATA REG RESET	
21674		XA325	51			XA325	53			168	9			MRDRBA	10	MRD16Q	01	1	TDD	GQ		27B		
21691		XA325	53			XA326	51			168	9			MRDRBA	11	MRD19Q	01	1	TDD	KQ		28B		
21740		XA326	51			XA325	63			168	9			MRDRBA	12	MRD27Q	01	1	TDD	GQ		27B		
21686		XA325	63			XA325	65			168	9			MRDRBA	13	MRD18Q	01	1	TDD	JQ		33B		
21703		XA325	65			XA325	80			168	9			MRDRBA	14	MRD21Q	01	1	TDD	HQ		34B		
21698		XA325	80											MRDRBA	15	MRD20Q	01	1	TDD	LQ		39A		
21566		XA323	45			XA326	41			168	9			MRDRCA	01	MRDRCA	00	1	TQ2	D3		24B	DATA REG RESET	
21745		XA326	41			XA326	53			168	9			MRDRCA	02	MRD28Q	01	1	TDD	HQ		22B		
21757		XA326	53			XA326	63			168	9			MRDRCA	03	MRD30Q	01	1	TDD	KQ		28B		
21752		XA326	63			XA326	65			168	9			MRDRCA	04	MRD29Q	01	1	TDD	JQ		33B		
21571		XA326	65			XA326	80			168	9			MRDRCA	05	MRD0PQ	01	1	TDD	MQ		34B		
21764		XA326	80											MRDRCA	06	MRD31Q	01	1	TDD	LQ		39A		
20767		XA422	49			XA424	11			168	9			MRDOPP	01	MDY0POX	01	1	DCF	C2		27B		
19970		XA424	11			XA326	69			168	9			MRDOPP	02	MCY0POX	01	1	DCF	A2		04B		
21569		XA326	69			XA319	50			168	9			MRDOPP	03	MRDOPP	00	1	TDD	MP		35A	BIT OP DATA REG	
23341		XA319	50			XA220	49			168	9			MRDOPP	04	MWTOA	01	2	TQ2	D2		23A		
19532		XA220	49			XA222	11			168	9			MRDOPP	05	MBY0POX	01	1	DCF	C2		27B		
19095		XA222	11											MRDOPP	06	MAY0POX	01	1	DCF	A2		04B		
20771		XA424	49			XA426	11			168	9			MRDOPP	01	MDY000X	01	1	DCF	C2		27B		
19974		XA426	11			XA319	43			168	9			MRDOPP	02	MCY000X	01	1	DCF	A2		04B		
23343		XA319	43			XA324	23			168	9			MRDOPP	03	MWTOA	01	2	TQ2	D3		23B		
21576		XA324	23			XA222	49			168	9			MRDOPP	04	MRDOPP	00	1	TDD	CP		11B	BIT 00 DATA REG	
19536		XA222	49			XA224	11			168	9			MRDOPP	05	MBY000X	01	1	DCF	C2		27B		
19099		XA224	11											MRDOPP	06	MAY000X	01	1	DCF	A2		04B		
20777		XA424	51			XA426	13			168	9			MRD01P	01	MDY010X	01	1	DCF	C4		28B		
19980		XA426	13			XA319	49			168	9			MRD01P	02	MCY010X	01	1	DCF	A4		05B		
										****	SIGNAL			MRD01P					IS ON THE	NEXT PAGE	****			

DRAWING NUMBER 149304-800 STRING UNIT ASSEMBLY NO. 149304 REV G INDEX MRD01P  
 UNIT ASSEMBLY NAME CARD CAGE WIRED, MCU FILE IDENT T39AMCMU DATE 09-02-82 PAGE 146

RECORD NUMBER	FROM			TO	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		PREFIX	CONNECTOR	PIN	MULTI GROUP	CODE	COLOR												IDENT
23346		XA319	49		XA324	21			16B	9		MRD01P	03	MWT01A	01	2	TQ2	D4	26B			
21582		XA324	21		XA222	51			16B	9		MRD01P	04	MRD01P	00	1	TDD	DP	10B	BIT 01 DATA REG		
19542		XA222	51		XA224	13			16B	9		MRD01P	05	MBY010X	01	1	DCF	C4	28B			
19105		XA224	13									MRD01P	06	MAY010X	01	1	DCF	A4	05B			
19109		XA224	08		XA222	54			16B	9		MRD02P	01	MAY020X	01	1	DCF	A6	06A			
19546		XA222	54		XA318	36			16B	9		MRD02P	02	MBY020X	01	1	DCF	C6	30A			
23350		XA318	36		XA324	35			16B	9		MRD02P	03	MWT02A	01	2	TQ2	C2	17A			
21587		XA324	35		XA426	08			16B	9		MRD02P	04	MRD02P	00	1	TDD	EP	17B	BIT 02 DATA REG		
19984		XA426	08		XA424	54			16B	9		MRD02P	05	MCY020X	01	1	DCF	A6	06A			
20781		XA424	54									MRD02P	06	MDY020X	01	1	DCF	C6	30A			
19114		XA224	04		XA222	50			16B	9		MRD03P	01	MAY030X	01	1	DCF	A8	04A			
19551		XA222	50		XA318	31			16B	9		MRD03P	02	MBY030X	01	1	DCF	C8	28A			
23352		XA318	31		XA324	33			16B	9		MRD03P	03	MWT03A	01	2	TQ2	C3	15B			
21593		XA324	33		XA426	04			16B	9		MRD03P	04	MRD03P	00	1	TDD	F2	16B	BIT 03 DATA REG		
19989		XA426	04		XA424	50			16B	9		MRD03P	05	MCY030X	01	1	DCF	A6	04A			
20786		XA424	50									MRD03P	06	MDY030X	01	1	DCF	C6	28A			
19118		XA224	31		XA222	71			16B	9		MRD04P	01	MAY040X	01	1	DCF	B2	12B			
19555		XA222	71		XA318	37			16B	9		MRD04P	02	MBY040X	01	1	DCF	D2	34B			
23355		XA318	37		XA324	47			16B	9		MRD04P	03	MWT04A	01	2	TQ2	C4	18B			
21599		XA324	47		XA426	31			16B	9		MRD04P	04	MRD04P	00	1	TDD	GP	25B	BIT 04 DATA REG		
19993		XA426	31		XA424	71			16B	9		MRD04P	05	MCY040X	01	1	DCF	B2	12B			
20790		XA424	71									MRD04P	06	MDY040X	01	1	DCF	D2	34B			
20793		XA424	73		XA426	33			16B	9		MRD05P	01	MDY050X	01	1	DCF	D4	35B			
19996		XA426	33		XA324	45			16B	9		MRD05P	02	MCY050X	01	1	DCF	B4	13B			
21605		XA324	45		XA318	56			16B	9		MRD05P	03	MRD05P	00	1	TDD	HP	24B	BIT 05 DATA REG		
23359		XA318	56		XA222	73			16B	9		MRD05P	04	MWT05A	01	2	TQ2	D1	26A			
19558		XA222	73		XA224	33			16B	9		MRD05P	05	MBY050X	01	1	DCF	D4	35B			
19121		XA224	33									MRD05P	06	MAY050X	01	1	DCF	B4	13B			
19128		XA224	38		XA222	74			16B	9		MRD06P	01	MAY060X	01	1	DCF	B6	14A			
19565		XA222	74		XA318	50			16B	9		MRD06P	02	MBY060X	01	1	DCF	D6	37A			
23362		XA318	50		XA324	59			16B	9		MRD06P	03	MWT06A	01	2	TQ2	D2	23A			
21611		XA324	59		XA426	38			16B	9		MRD06P	04	MRD06P	00	1	TDD	JP	31B	BIT 06 DATA REG		
20003		XA426	38		XA424	74			16B	9		MRD06P	05	MCY060X	01	1	DCF	B6	14A			
20800		XA424	74									MRD06P	06	MDY060X	01	1	DCF	D6	37A			
19136		XA224	34		XA222	70			16B	9		MRD07P	01	MAY070X	01	1	DCF	B8	12A			
19573		XA222	70		XA318	43			16B	9		MRD07P	02	MBY070X	01	1	DCF	D8	35A			
23364		XA318	43		XA324	57			16B	9		MRD07P	03	MWT07A	01	2	TQ2	D3	23B			
21617		XA324	57		XA426	34			16B	9		MRD07P	04	MRD07P	00	1	TDD	KP	30B	BIT 07 DATA REG		
20011		XA426	34		XA424	70			16B	9		MRD07P	05	MCY070X	01	1	DCF	B8	12A			
20808		XA424	70									MRD07P	06	MDY070X	01	1	DCF	D8	35A			
20018		XA426	49		XA423	11			16B	9		MRD08P	01	MCY080X	01	1	DCF	C2	27B			
20815		XA423	11		XA324	76			16B	9		MRD08P	02	MDY080X	01	1	DCF	A2	04B			
21624		XA324	76		XA318	49			16B	9		MRD08P	03	MRD08P	00	1	TDD	LP	37A	BIT 08 DATA REG		
									***		SIGNAL	(MRD08P)		IS ON THE								

DRAWING NUMBER 149304-800 STRING UNIT ASSEMBLY NO. 149304 REV G INDEX MRD08P  
 UNIT ASSEMBLY NAME CARD CAGE WIRED, MCU FILE IDENT T39AMCMU DATE 09-02-82 PAGE 147

RECORD NUMBER	FROM				TO				WIRE				SIGNAL	SEQ NO	EQUATION	TERM	FACTS	CKT OR CHIP TYPE	GROUP	LOAD OR POWER PLANE	TEST POINTS AND OR	SIGNAL DESCRIPTION	ECO NO
	PREFIX	CONNECTOR	PIN	SH 12	PREFIX	CONNECTOR	PIN	SH 12	MULTI GROUP	CODE	COLOR	IDENT											
23367		XA318	49										MRD08P	04	MWT08A	01	2	TQ2	D4		26B		
19143		XA224	49		XA224	49			16B	9			MRD08P	05	MAY080X	01	1	DCF	C2		27B		
19580		XA221	11		XA221	11							MRD08P	06	MBY080X	01	1	DCF	A2		04B		
20024		XA426	51		XA423	13			16B	9			MRD09P	01	MCY090X	01	1	DCF	C4		28B		
20822		XA423	13		XA318	70			16B	9			MRD09P	02	MDY090X	01	1	DCF	A4		05B		
23371		XA318	70		XA324	69			16B	9			MRD09P	03	MWT09A	01	2	TQ2	E1		33A		
21629		XA324	69		XA224	51			16B	9			MRD09P	04	MRD09P	00	1	TDD	MP		35A	BIT 09 DATA REG	
19149		XA224	51		XA221	13			16B	9			MRD09P	05	MAY090X	01	1	DCF	C4		28B		
19586		XA221	13										MRD09P	06	MBY090X	01	1	DCF	A4		05B		
19593		XA221	08		XA224	54			16B	9			MRD10P	01	MBY100X	01	1	DCF	A6		06A		
19156		XA224	54		XA325	11			16B	9			MRD10P	02	MAY100X	01	1	DCF	C6		30A		
21636		XA325	11		XA318	64			16B	9			MRD10P	03	MRD10P	00	1	TDD	AP		05B	BIT 10 DATA REG	
23374		XA318	64		XA423	08			16B	9			MRD10P	04	MWT10A	01	2	TQ2	E2		30A		
20829		XA423	08		XA426	54			16B	9			MRD10P	05	MDY100X	01	1	DCF	A6		06A		
20031		XA426	54										MRD10P	06	MCY100X	01	1	DCF	C6		30A		
19601		XA221	04		XA224	50			16B	9			MRD11P	01	MBY110X	01	1	DCF	A8		04A		
19164		XA224	50		XA325	09			16B	9			MRD11P	02	MAY110X	01	1	DCF	C8		28A		
21642		XA325	09		XA318	55			16B	9			MRD11P	03	MRD11P	00	1	TDD	BP		04B	BIT 11 DATA REG	
23376		XA318	55		XA423	04			16B	9			MRD11P	04	MWT11A	01	2	TQ2	E3		29B		
20837		XA423	04		XA426	50			16B	9			MRD11P	05	MDY110X	01	1	DCF	A8		04A		
20039		XA426	50										MRD11P	06	MCY110X	01	1	DCF	C8		28A		
19608		XA221	31		XA224	71			16B	9			MRD12P	01	MBY120X	01	1	DCF	B2		12B		
19171		XA224	71		XA325	23			16B	9			MRD12P	02	MAY120X	01	1	DCF	D2		34B		
21648		XA325	23		XA318	61			16B	9			MRD12P	03	MRD12P	00	1	TDD	CP		11B	BIT 12 DATA REG	
23379		XA318	61		XA423	31			16B	9			MRD12P	04	MWT12A	01	2	TQ2	E4		32B		
20844		XA423	31		XA426	71			16B	9			MRD12P	05	MDY120X	01	1	DCF	B2		12B		
20046		XA426	71										MRD12P	06	MCY120X	01	1	DCF	D2		34B		
19614		XA221	33		XA224	73			16B	9			MRD13P	01	MBY130X	01	1	DCF	B4		13B		
19177		XA224	73		XA325	21			16B	9			MRD13P	02	MAY130X	01	1	DCF	D4		35B		
21654		XA325	21		XA318	79			16B	9			MRD13P	03	MRD13P	00	1	TDD	DP		10B	BIT 13 DATA REG	
23383		XA318	79		XA423	33			16B	9			MRD13P	04	MWT13A	01	2	TQ2	E1		39B		
20850		XA423	33		XA426	73			16B	9			MRD13P	05	MDY130X	01	1	DCF	B4		13B		
20052		XA426	73										MRD13P	06	MCY130X	01	1	DCF	D4		35B		
19618		XA221	38		XA224	74			16B	9			MRD14P	01	MBY140X	01	1	DCF	B6		14A		
19181		XA224	74		XA325	35			16B	9			MRD14P	02	MAY140X	01	1	DCF	D6		37A		
21659		XA325	35		XA318	73			16B	9			MRD14P	03	MRD14P	00	1	TDD	EP		17B	BIT 14 DATA REG	
23386		XA318	73		XA423	38			16B	9			MRD14P	04	MWT14A	01	2	TQ2	F2		36B		
20854		XA423	38		XA426	74			16B	9			MRD14P	05	MDY140X	01	1	DCF	B6		14A		
20056		XA426	74										MRD14P	06	MCY140X	01	1	DCF	D6		37A		
19623		XA221	34		XA224	70			16B	9			MRD15P	01	MBY150X	01	1	DCF	B8		12A		
19186		XA224	70		XA325	33			16B	9			MRD15P	02	MAY150X	01	1	DCF	D8		35A		
21665		XA325	33		XA318	74			16B	9			MRD15P	03	MRD15P	00	1	TDD	FP		16B	BIT 15 DATA REG	
23389		XA318	74		XA423	34			16B	9			MRD15P	04	MWT15A	01	2	TQ2	E3		35B		
									****		SIGNAL	(MRD15P)			IS ON THE			NEXT PAGE	****				

DRAWING NUMBER 149304-800 STRING  
 UNIT ASSEMBLY NAME CARD CAGE WIRED, MCU

UNIT ASSEMBLY NO. 149304  
 FILE IDENT T39AMCMU

REV G INDEX MRD15P  
 DATE 09-02-82 PAGE 148

RECORD NUMBER	FROM				TO				WIRE				SFC 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
	PREFIX	CONNECTOR	PIN	SH TO	PREFIX	CONNECTOR	PIN	SH TO	MULTI GROUP	CODE	COLOR	IDENT												
20859		XA423	34		XA426	70				168	9		MRD15P	05	MDY150X	01	1	DCF	B8		12A			
20061		XA426	70										MRD15P	06	MCY150X	01	1	DCF	D8		35A			
20863		XA423	49		XA425	11				168	9		MRD16P	01	MDY160X	01	1	DCE	C2		27B			
20065		XA425	11		XA318	78				168	9		MRD16P	02	MCY160X	01	1	DCF	A2		04B			
23391		XA318	78		XA325	47				168	9		MRD16P	03	MWT16A	01	2	TQ2	F4		38A			
21671		XA325	47		XA221	49				168	9		MRD16P	04	MRD16P	00	1	TDD	GP		25B	BIT 16 DATA REG		
19627		XA221	49		XA223	11				168	9		MRD16P	05	MBY160X	01	1	DCF	C2		27B			
19190		XA223	11										MRD16P	06	MAY160X	01	1	DCF	A2		04B			
19193		XA223	13		XA221	51				168	9		MRD17P	01	MAY170X	01	1	DCF	A4		05B			
19630		XA221	51		XA317	36				168	9		MRD17P	02	MBY170X	01	1	DCE	C4		28B			
23395		XA317	36		XA325	45				168	9		MRD17P	03	MWT17A	01	2	TQ2	C2		17A			
21677		XA325	45		XA425	13				168	9		MRD17P	04	MRD17P	00	1	TDD	HP		24B	BIT 17 DATA REG		
20068		XA425	13		XA423	51				168	9		MRD17P	05	MCY170X	01	1	DCF	A4		05B			
20866		XA423	51										MRD17P	06	MDY170X	01	1	DCF	C4		28B			
20870		XA423	54		XA425	08				168	9		MRD18P	01	MDY180X	01	1	DCE	C6		30A			
20072		XA425	08		XA325	59				168	9		MRD18P	02	MCY180X	01	1	DCF	A6		06A			
21683		XA325	59		XA317	31				168	9		MRD18P	03	MRD18P	00	1	TDD	JP		31B	BIT 18 DATA REG		
23397		XA317	31		XA221	54				168	9		MRD18P	04	MWT18A	01	2	TQ2	C3		15B			
19634		XA221	54		XA223	08				168	9		MRD18P	05	MBY180X	01	1	DCF	C6		30A			
19197		XA223	08										MRD18P	06	MAY180X	01	1	DCF	A6		06A			
20875		XA423	50		XA425	04				168	9		MRD19P	01	MDY190X	01	1	DCF	C8		28A			
20077		XA425	04		XA325	57				168	9		MRD19P	02	MCY190X	01	1	DCE	A8		04A			
21689		XA325	57		XA317	37				168	9		MRD19P	03	MRD19P	00	1	TDD	KP		30B	BIT 19 DATA REG		
23400		XA317	37		XA221	50				168	9		MRD19P	04	MWT19A	01	2	TQ2	C4		18B			
19639		XA221	50		XA223	04				168	9		MRD19P	05	MBY190X	01	1	DCF	C8		28A			
19202		XA223	04										MRD19P	06	MAY190X	01	1	DCF	A8		04A			
20879		XA423	71		XA425	31				168	9		MRD20P	01	MDY200X	01	1	DCE	D2		34B			
20081		XA425	31		XA325	76				168	9		MRD20P	02	MCY200X	01	1	DCF	B2		12B			
21696		XA325	76		XA317	56				168	9		MRD20P	03	MRD20P	00	1	TDD	LP		37A	BIT 20 DATA REG		
23404		XA317	56		XA221	71				168	9		MRD20P	04	MWT20A	01	2	TQ2	D1		26A			
19643		XA221	71		XA223	31				168	9		MRD20P	05	MBY200X	01	1	DCF	D2		34B			
19206		XA223	31										MRD20P	06	MAY200X	01	1	DCF	B2		12B			
20882		XA423	73		XA425	33				168	9		MRD21P	01	MDY210X	01	1	DCF	D4		35B			
20084		XA425	33		XA325	69				168	9		MRD21P	02	MCY210X	01	1	DCF	B4		13B			
21701		XA325	69		XA317	50				168	9		MRD21P	03	MRD21P	00	1	TDD	MP		35A	BIT 21 DATA REG		
23407		XA317	50		XA221	73				168	9		MRD21P	04	MWT21A	01	2	TQ2	D2		23A			
19646		XA221	73		XA223	33				168	9		MRD21P	05	MBY210X	01	1	DCF	D4		35B			
19209		XA223	33										MRD21P	06	MAY210X	01	1	DCF	B4		13B			
19213		XA223	38		XA221	74				168	9		MRD22P	01	MAY220X	01	1	DCE	B6		14A			
19650		XA221	74		XA326	09				168	9		MRD22P	02	MBY220X	01	1	DCF	D6		37A			
21708		XA326	09		XA317	43				168	9		MRD22P	03	MRD22P	00	1	TDD	RP		04B	BIT 22 DATA REG		
23409		XA317	43		XA425	38				168	9		MRD22P	04	MWT22A	01	2	TQ2	D3		23B			
20088		XA425	38		XA423	74				168	9		MRD22P	05	MCY220X	01	1	DCF	B6		14A			
										****	SIGNAL		MRD22P		IS ON THE						****			



DRAWING NUMBER 149304-800 STRING UNIT ASSEMBLY NO. 149304 REV G INDEX MRD22P  
 UNIT ASSEMBLY NAME CARD CAGE WIRED, MCU FILE IDENT T39AMCMU DATE 09-02-82 PAGE 149

RECORD NUMBER	FROM			SR FC	TO			SR FC	WIRE				SFC 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
	PREFIX	CONNECTOR	PIN		PREFIX	CONNECTOR	PIN		MULTI GROUP	CODE	COLOR	IDENT												
20886		XA423	74										MRD22P	06	MDY220X	01	1	DCF	D6		37A			
19218		XA223	34		XA221	70		16B	9				MRD23P	01	MAY230X	01	1	DCF	B8		12A			
19655		XA221	70		XA326	23		16B	9				MRD23P	02	MBY230X	01	1	DCF	D8		35A			
21714		XA326	23		XA317	49		16B	9				MRD23P	03	MRD23P	00	1	TDD	CP		11B	BIT 23 DATA REG		
23412		XA317	49		XA425	34		16B	9				MRD23P	04	MWT23A	01	2	TQ2	D4		26B			
20093		XA425	34		XA423	70		16B	9				MRD23P	05	MCY230X	01	1	DCF	B8		12A			
20891		XA423	70										MRD23P	06	MDY230X	01	1	DCF	D8		35A			
19659		XA220	11		XA223	49		16B	9				MRD24P	01	MBY240X	01	1	DCF	A2		04B			
19222		XA223	49		XA326	21		16B	9				MRD24P	02	MAY240X	01	1	DCF	C2		27B			
21720		XA326	21		XA317	70		16B	9				MRD24P	03	MRD24P	00	1	TDD	DP		10B	BIT 24 DATA REG		
23416		XA317	70		XA422	11		16B	9				MRD24P	04	MWT24A	01	2	TQ2	E1		33A			
20895		XA422	11		XA425	49		16B	9				MRD24P	05	MDY240X	01	1	DCF	A2		04B			
20097		XA425	49										MRD24P	06	MCY240X	01	1	DCF	C2		27B			
20100		XA425	51		XA422	13		16B	9				MRD25P	01	MCY250X	01	1	DCF	C4		28B			
20898		XA422	13		XA317	64		16B	9				MRD25P	02	MDY250X	01	1	DCF	A4		05B			
23419		XA317	64		XA326	35		16B	9				MRD25P	03	MWT25A	01	2	TQ2	E2		30A			
21725		XA326	35		XA223	51		16B	9				MRD25P	04	MRD25P	00	1	TDD	EP		17B	BIT 25 DATA REG		
19225		XA223	51		XA220	13		16B	9				MRD25P	05	MAY250X	01	1	DCF	C4		28B			
19662		XA220	13										MRD25P	06	MBY250X	01	1	DCF	A4		05B			
19666		XA220	08		XA223	54		16B	9				MRD26P	01	MBY260X	01	1	DCF	A6		06A			
19229		XA223	54		XA326	33		16B	9				MRD26P	02	MAY260X	01	1	DCF	C6		30A			
21731		XA326	33		XA317	55		16B	9				MRD26P	03	MRD26P	00	1	TDD	FP		16B	BIT 26 DATA REG		
23421		XA317	55		XA422	08		16B	9				MRD26P	04	MWT26A	01	2	TQ2	E3		29B			
20902		XA422	08		XA425	54		16B	9				MRD26P	05	MDY260X	01	1	DCF	A6		06A			
20104		XA425	54										MRD26P	06	MCY260X	01	1	DCF	C6		30A			
20109		XA425	50		XA422	04		16B	9				MRD27P	01	MCY270X	01	1	DCF	C8		28A			
20907		XA422	04		XA317	61		16B	9				MRD27P	02	MDY270X	01	1	DCF	A8		04A			
23424		XA317	61		XA326	47		16B	9				MRD27P	03	MWT27A	01	2	TQ2	E4		32B			
21737		XA326	47		XA223	50		16B	9				MRD27P	04	MRD27P	00	1	TDD	GP		25B	BIT 27 DATA REG		
19234		XA223	50		XA220	04		16B	9				MRD27P	05	MAY270X	01	1	DCF	C8		28A			
19671		XA220	04										MRD27P	06	MBY270X	01	1	DCF	A8		04A			
19675		XA220	31		XA223	71		16B	9				MRD28P	01	MBY280X	01	1	DCF	B2		12B			
19238		XA223	71		XA326	45		16B	9				MRD28P	02	MAY280X	01	1	DCF	D2		34B			
21743		XA326	45		XA317	79		16B	9				MRD28P	03	MRD28P	00	1	TDD	HP		24B	BIT 28 DATA REG		
23428		XA317	79		XA422	31		16B	9				MRD28P	04	MWT28A	01	2	TQ2	F1		39B			
20911		XA422	31		XA425	71		16B	9				MRD28P	05	MDY280X	01	1	DCF	B2		12B			
20113		XA425	71										MRD28P	06	MCY280X	01	1	DCF	D2		34B			
20116		XA425	73		XA422	33		16B	9				MRD29P	01	MCY290X	01	1	DCF	D4		35B			
20914		XA422	33		XA317	73		16B	9				MRD29P	02	MDY290X	01	1	DCF	B4		13B			
23431		XA317	73		XA326	59		16B	9				MRD29P	03	MWT29A	01	2	TQ2	F2		36B			
21749		XA326	59		XA223	73		16B	9				MRD29P	04	MRD29P	00	1	TDD	JP		31B	BIT 29 DATA REG		
19241		XA223	73		XA220	33		16B	9				MRD29P	05	MAY290X	01	1	DCF	D4		35B			
19678		XA220	33										MRD29P	06	MBY290X	01	1	DCF	B4		13B			

DRAWING NUMBER 149304-800 STRING UNIT ASSEMBLY NO. 149304 REV G INDEX MRD29P  
 UNIT ASSEMBLY NAME CARD CAGE WIRED, MCU FILE IDENT T39AMCMU DATE 09-02-82 PAGE 150

RECORD NUMBER	FROM				TO				WIRE			DPC 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	SH PC	PREFIX	CONNECTOR	PIN	SH PC	MULTI GROUP	CODE	COLOR										IDENT	AND		
20120		XA425	74		XA422	38				16B	9		MRD30P	01	MCY300X	01	1	DCF	D6		37A			
20918		XA422	38		XA317	74				16B	9		MRD30P	02	MDY300X	01	1	DCF	B6		14A			
23434		XA317	74		XA326	57				16B	9		MRD30P	03	MWT30A	01	2	TQ2	F3		35B			
21755		XA326	57		XA223	74				16B	9		MRD30P	04	MRD30P	00	1	TDD	KP		30B	BIT 30 DATA REG		
19245		XA223	74		XA220	38				16B	9		MRD30P	05	MAY300X	01	1	DCF	D6		37A			
19682		XA220	38										MRD30P	06	MBY300X	01	1	DCF	B6		14A			
20125		XA425	70		XA422	34				16B	9		MRD31P	01	MCY310X	01	1	DCF	D8		35A			
20923		XA422	34		XA317	78				16B	9		MRD31P	02	MDY310X	01	1	DCF	B8		12A			
23436		XA317	78		XA326	76				16B	9		MRD31P	03	MWT31A	01	2	TQ2	F4		38A			
21762		XA326	76		XA223	70				16B	9		MRD31P	04	MRD31P	00	1	TDD	LP		37A	BIT 31 DATA REG		
19250		XA223	70		XA220	34				16B	9		MRD31P	05	MAY310X	01	1	DCF	D8		35A			
19687		XA220	34										MRD31P	06	MBY310X	01	1	DCF	B8		12A			
21768		XA335	80		XA22	57				16B	9		MRMITA	01	MRMITA	00	1	TT3	F3		39A			
23497		XA236	57										MRMITA	02	MHWOTA	01	1	TT3	F3		30B			
21772		XA324	11		XA323	29				16B	9		MRMOOP	02	MRMOOP	00	1	TDD	AP		05B	BIT 00 MODE REG		
21109		XA323	29										MRMOOP	03	MPCWMA	01	1	TQ2	C3		14B			
21926		XA240	49		XA324	13				16B	9		MRMOOQ	00	MSENTA	01	3	TT3	D3		26B			
21773		XA324	13		XA323	49				16B	9		MRMOOQ	01	MRMOOQ	00	1	TDD	AQ		06B	BIT 00 MODE REG *		
21379		XA323	49		XA335	76				16B	9		MRMOOQ	02	MPPRMA	01	2	TQ2	D4		26B			
21766		XA335	76										MRMOOQ	03	MRMITA	01	2	TT3	F3		37A			
21372		XA323	35		XA323	31				16B	9		MRMO1P	01	MPPRMA	01	1	TQ2	C4		17B			
21110		XA323	31		XA324	09				16B	9		MRMO1P	02	MPCWMA	01	2	TQ2	C3		15B			
21778		XA324	09		XA335	69				16B	9		MRMO1P	03	MRMO1P	00	1	TDD	BP		04B	BIT 01 MODE REG		
21765		XA335	69										MRMO1P	04	MRMITA	01	1	TT3	F3		35A			
21783		XA216	39		XA225	72				16B	9		MRSETA	01	MRSETA	00	1	TQ2	C4		19B	SYSTEM RESET*		
21152		XA225	72		XA225	76				16B	9		MRSETA	02	MPMRAQ	01	3	TT3	F2		34A			
22055		XA225	76										MRSETA	03	MTAMRO	01	2	TT3	F3		37A			
07370		XA301	53		XA301	15				16B	9		MRSETDX	00				FP						
07329		XA301	15		XA220	60				16B	9		MRSETDX	01				FP						
21785		XA220	60							16B	9		MRSETDX	02	MRSETDX	00	1	DCF	C5		31B			
21787		XA220	57		XA216	35				16B	9		MRSETOX	01	MRSETOX	00	1	DCF	C6		31A			
21781		XA216	35										MRSETOX	02	MRSETA	01	1	TQ2	C4		17B	SYSTEM RESET		
21788		XA132	30		XA227	36				16B	9		MRW17A	01	MRW17A	00	1	TQ2	C2		15A	BIT 17 WORD ADR *		
23137		XA227	36		XA227	42				16B	9		MRW17A	02	MWB01A	01	4	TD4	C2		17A			
23132		XA227	42		XA227	50				16B	9		MRW17A	03	MWB00A	01	4	TD4	C1		20A			
23147		XA227	50		XA227	56				16B	9		MRW17A	04	MWB03A	01	4	TD4	D2		23A			
23142		XA227	56		XA227	64				16B	9		MRW17A	05	MWB02A	01	4	TD4	D1		26A			
23157		XA227	64		XA227	70				16B	9		MRW17A	06	MWB05A	01	4	TD4	E2		30A			
23152		XA227	70		XA227	74				16B	9		MRW17A	07	MWB04A	01	4	TD4	E1		33A			
										****	SIGNAL		MRW17A		IS ON THE	NEXT PAGE	****							

DRAWING NUMBER  
UNIT ASSEMBLY NAME

149304-800  
CARD CAGE WIRED, MCU

STRING

UNIT ASSEMBLY NO. 149304  
FILE IDENT T39AMCMU

REV G INDEX MRW17A  
DATE 09-02-82 PAGE 151

RECORD NUMBER	FROM				TO				WIRE				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 FT	PREFIX	CONNECTOR	PIN	SH FT	MULTI GROUP	CODE	COLOR	IDENT											
23167		XA227	74		XA227	79				16B	9		MRW17A	08	MWB07A	01	4	TD4	F2		35B		
23162		XA227	79		XA227	79							MRW17A	09	MWB06A	01	4	TD4	F1		39B		
21791		XA132	38		XA228	07				16B	9		MRW170	00	MRW170	00	1	TQ2	C1		18A	BIT 17 WORD ADR	
23176		XA228	07		XA228	13				16B	9		MRW170	01	MWB09A	01	4	TD4	A2		03A		
23172		XA228	13		XA228	20				16B	9		MRW170	02	MWB08A	01	4	TD4	A1		06B		
23186		XA228	20		XA228	26				16B	9		MRW170	03	MWB11A	01	4	TD4	B2		11A		
23182		XA228	26		XA228	36				16B	9		MRW170	05	MWB10A	01	4	TD4	B1		14A		
23197		XA228	36		XA228	42				16B	9		MRW170	06	MWB13A	01	4	TD4	C2		17A		
23192		XA228	42		XA228	50				16B	9		MRW170	07	MWB12A	01	4	TD4	C1		20A		
23207		XA228	50		XA228	56				16B	9		MRW170	08	MWB15A	01	4	TD4	D2		23A		
23202		XA228	56		XA228	56							MRW170	09	MWB14A	01	4	TD4	D1		26A		
21796		XA132	39		XA228	10				16B	9		MRW18A	00	MRW18A	00	1	TQ2	C4		19B	BIT 18 WORD ADR *	
23170		XA228	10		XA228	05				16B	9		MRW18A	01	MWB08A	01	3	TD4	A1		07A		
23175		XA228	05		XA228	19				16B	9		MRW18A	02	MWB09A	01	3	TD4	A2		03B		
23185		XA228	19		XA228	25				16B	9		MRW18A	03	MWB11A	01	3	TD4	B2		09B		
23181		XA228	25		XA227	34				16B	9		MRW18A	04	MWB10A	01	3	TD4	B1		12B		
23136		XA227	34		XA227	40				16B	9		MRW18A	05	MWB01A	01	3	TD4	C2		16A		
23131		XA227	40		XA227	48				16B	9		MRW18A	06	MWB00A	01	3	TD4	C1		19A		
23146		XA227	48		XA227	54				16B	9		MRW18A	08	MWB03A	01	3	TD4	D2		22A		
23141		XA227	54		XA227	54							MRW18A	09	MWB02A	01	3	TD4	D1		25A		
23161		XA227	78		XA227	73				16B	9		MRW180	01	MWB06A	01	3	TD4	F1		38A		
23166		XA227	73		XA227	68				16B	9		MRW180	02	MWB07A	01	3	TD4	F2		36B		
23151		XA227	68		XA227	62				16B	9		MRW180	03	MWB04A	01	3	TD4	F1		32A		
23156		XA227	62		XA228	54				16B	9		MRW180	04	MWB05A	01	3	TD4	E2		29A		
23201		XA228	54		XA228	48				16B	9		MRW180	05	MWB14A	01	3	TD4	D1		25A		
23206		XA228	48		XA228	40				16B	9		MRW180	06	MWB15A	01	3	TD4	D2		22A		
23191		XA228	40		XA228	34				16B	9		MRW180	07	MWB12A	01	3	TD4	C1		19A		
23196		XA228	34		XA132	33				16B	9		MRW180	08	MWB13A	01	3	TD4	C2		16A		
21799		XA132	33		XA132	33							MRW180	10	MRW180	00	1	TQ2	C3		16B	BIT 18 WORD ADR	
21800		XA132	46		XA228	04				16B	9		MRW19A	00	MRW19A	00	1	TQ2	D2		21A	BIT 19 WORD ADR *	
23174		XA228	04		XA228	08				16B	9		MRW19A	01	MWB09A	01	2	TD4	A2		04A		
23169		XA228	08		XA227	31				16B	9		MRW19A	02	MWB08A	01	2	TD4	A1		06A		
23134		XA227	31		XA228	31				16B	9		MRW19A	03	MWB01A	01	2	TD4	C2		15B		
23194		XA228	31		XA228	38				16B	9		MRW19A	04	MWB13A	01	2	TD4	C2		15B		
23190		XA228	38		XA227	38				16B	9		MRW19A	06	MWB12A	01	2	TD4	C1		18A		
23130		XA227	38		XA227	60				16B	9		MRW19A	07	MWB00A	01	2	TD4	C1		18A		
23155		XA227	60		XA227	66				16B	9		MRW19A	08	MWB05A	01	2	TD4	E2		28A		
23150		XA227	66		XA227	66							MRW19A	09	MWB04A	01	2	TD4	F1		31A		
21803		XA132	52		XA228	18				16B	9		MRW190	00	MRW190	00	1	TQ2	D1		24A	BIT 19 WORD ADR	
23184		XA228	18		XA228	24				16B	9		MRW190	01	MWB11A	01	2	TD4	B2		10A		
23180		XA228	24		XA228	46				16B	9		MRW190	02	MWB10A	01	2	TD4	B1		13A		
23205		XA228	46		XA228	52				16B	9		MRW190	04	MWB15A	01	2	TD4	D2		21A		
23200		XA228	52		XA227	52				16B	9		MRW190	05	MWB14A	01	2	TD4	D1		24A		
23140		XA227	52		XA227	46				16B	9		MRW190	06	MWB02A	01	2	TD4	D1		24A		
23145		XA227	46		XA227	72				16B	9		MRW190	07	MWB03A	01	2	TD4	D2		21A		
										***		SIGNAL (MRW190)									IS ON THE NEXT PAGE	***	

DRAWING NUMBER  
UNIT ASSEMBLY NAME

149304-800  
CARD CAGE WIRED, MCU

STRING  
UNIT ASSEMBLY NO. 149304  
FILE IDENT T39AMCMU

REV G  
DATE 09-02-82  
INDEX MRW190  
PAGE 152

RECORD NUMBER	FROM				TO				WIRE				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 PG	PREFIX	CONNECTOR	PIN	SH PG	MULTI GROUP	CODE	COLOR	IDENT											
23165		XA227	72		XA227	77				16B	9		MRW190	08	MWB07A	01	2	TD4	F2		34A		
23160		XA227	77										MRW190	09	MWB06A	01	2	TD4	F1		38B		
23158		XA227	75		XA227	61				16B	9		MRW20A	01	MWB06A	01	1	TD4	F1		37B		
23149		XA227	61		XA227	49				16B	9		MRW20A	02	MWB04A	01	1	TD4	E1		32B		
23139		XA227	49		XA228	49				16B	9		MRW20A	03	MWB02A	01	1	TD4	D1		26B		
23199		XA228	49		XA228	37				16B	9		MRW20A	04	MWB14A	01	1	TD4	D1		26B		
23189		XA228	37		XA227	37				16B	9		MRW20A	06	MWB12A	01	1	TD4	C1		18B		
23129		XA227	37		XA228	22				16B	9		MRW20A	07	MWB00A	01	1	TD4	C1		18B		
23178		XA228	22		XA228	06				16B	9		MRW20A	08	MWB10A	01	1	TD4	B1		12A		
23168		XA228	06		XA132	51				16B	9		MRW20A	09	MWB08A	01	1	TD4	A1		05A		
21808		XA132	51										MRW20A	10	MRW20A	00	1	TQ2	D4		27B	BIT 20 WORD ADR *	
23164		XA227	71		XA227	55				16B	9		MRW200	01	MWB07A	01	1	TD4	E2		36A		
23153		XA227	55		XA227	43				16B	9		MRW200	02	MWB05A	01	1	TD4	E2		29B		
23143		XA227	43		XA228	43				16B	9		MRW200	03	MWB03A	01	1	TD4	D2		23B		
23203		XA228	43		XA228	30				16B	9		MRW200	04	MWB15A	01	1	TD4	D2		23B		
23193		XA228	30		XA227	30				16B	9		MRW200	06	MWB13A	01	1	TD4	C2		15A		
23133		XA227	30		XA228	14				16B	9		MRW200	07	MWB01A	01	1	TD4	C2		15A		
23183		XA228	14		XA228	01				16B	9		MRW200	08	MWB11A	01	1	TD4	B2		09A		
23173		XA228	01		XA132	45				16B	9		MRW200	09	MWB09A	01	1	TD4	A2		02B		
21811		XA132	45										MRW200	10	MRW200	00	1	TQ2	D3		24B	BIT 20 WORD ADR	
21812		XA132	60		XA226	56				16B	9		MRW21A	03	MRW21A	00	1	TQ2	E2		28A	BIT 21 WORD ADR *	
23082		XA226	56		XA226	50				16B	9		MRW21A	04	MWA06A	01	4	TD4	D1		26A		
23087		XA226	50		XA226	42				16B	9		MRW21A	05	MWA07A	01	4	TD4	D2		23A		
23072		XA226	42		XA226	36				16B	9		MRW21A	06	MWA04A	01	4	TD4	C1		20A		
23077		XA226	36		XA226	26				16B	9		MRW21A	07	MWA05A	01	4	TD4	C2		17A		
23062		XA226	26		XA226	20				16B	9		MRW21A	08	MWA02A	01	4	TD4	B1		14A		
23066		XA226	20		XA226	13				16B	9		MRW21A	09	MWA03A	01	4	TD4	B2		11A		
23052		XA226	13		XA226	07				16B	9		MRW21A	10	MWA00A	01	4	TD4	A1		06B		
23056		XA226	07										MRW21A	11	MWA01A	01	4	TD4	A2		03A		
23102		XA226	79		XA226	74				16B	9		MRW210	01	MWA10A	01	4	TD4	F1		39B		
23107		XA226	74		XA226	70				16B	9		MRW210	02	MWA11A	01	4	TD4	F2		35B		
23092		XA226	70		XA226	64				16B	9		MRW210	03	MWA08A	01	4	TD4	F1		33A		
23097		XA226	64		XA227	07				16B	9		MRW210	04	MWA09A	01	4	TD4	E2		30A		
23116		XA227	07		XA227	13				16B	9		MRW210	05	MWA13A	01	4	TD4	A2		03A		
23112		XA227	13		XA227	20				16B	9		MRW210	06	MWA12A	01	4	TD4	A1		06B		
23126		XA227	20		XA227	26				16B	9		MRW210	07	MWA15A	01	4	TD4	B2		11A		
23122		XA227	26		XA132	66				16B	9		MRW210	08	MWA14A	01	4	TD4	B1		14A		
21815		XA132	66										MRW210	09	MRW210	00	1	TQ2	E1		31A	BIT 21 WORD ADR	
23101		XA226	78		XA226	73				16B	9		MRW22A	02	MWA10A	01	3	TD4	F1		38A		
23106		XA226	73		XA226	68				16B	9		MRW22A	03	MWA11A	01	3	TD4	F2		36B		
23091		XA226	68		XA226	62				16B	9		MRW22A	04	MWA08A	01	3	TD4	F1		32A		
23096		XA226	62		XA226	25				16B	9		MRW22A	05	MWA09A	01	3	TD4	E2		29A		
23061		XA226	25		XA226	19				16B	9		MRW22A	06	MWA02A	01	3	TD4	B1		12B		
23065		XA226	19		XA226	05				16B	9		MRW22A	07	MWA03A	01	3	TD4	B2		09B		
23055		XA226	05		XA226	10				16B	9		MRW22A	08	MWA01A	01	3	TD4	A2		03B		
										****	SIGNAL	(MRW22A)			IS ON THE						NEXT PAGE	****	

DRAWING NUMBER 149304-800 STRING  
 UNIT ASSEMBLY NAME CARD CAGE WIRED, MCU

UNIT ASSEMBLY NO. 149304  
 FILE IDENT T39AMCMU

REV G INDEX MRW22A  
 DATE 09-02-82 PAGE 153

RECORD NUMBER	FROM				TO				WIRE			SFC INST W/USC	SIGNAL	SEQ NO	EQUATION	TERM	FACTOR	CKT OR CHIP TYPE	GROUP	LOAD OR POWER PLANE	TEST POINTS		SIGNAL DESCRIPTION	ECO NO
	PREFIX	CONNECTOR	PIN	SFC FG	PREFIX	CONNECTOR	PIN	SFC FG	MULTI GROUP	CODE	COLOR										IDENT	AND		
23050		XA226	10			XA132	63			16B	9		MRW22A	09	MWA00A	01	3	TD4	A1		07A			
21820		XA132	63										MRW22A	10	MRW22A	00	1	TQ2	F4			33B	BIT 22 WORD ADR *	
21823		XA132	57			XA227	10			16B	9		MRW220	00	MRW220	00	1	TQ2	F3			30B	BIT 22 WORD ADR	
23110		XA227	10			XA227	05			16B	9		MRW220	01	MWA12A	01	3	TD4	A1			07A		
23115		XA227	05			XA227	19			16B	9		MRW220	02	MWA13A	01	3	TD4	A2			03B		
23125		XA227	19			XA227	25			16B	9		MRW220	03	MWA15A	01	3	TD4	B2			09B		
23121		XA227	25			XA226	34			16B	9		MRW220	04	MWA14A	01	3	TD4	B1			12B		
23076		XA226	34			XA226	40			16B	9		MRW220	05	MWA05A	01	3	TD4	C2			16A		
23071		XA226	40			XA226	48			16B	9		MRW220	06	MWA04A	01	3	TD4	C1			19A		
23086		XA226	48			XA226	54			16B	9		MRW220	07	MWA07A	01	3	TD4	D2			22A		
23081		XA226	54										MRW220	08	MWA06A	01	3	TD4	D1			25A		
23090		XA226	66			XA226	60			16B	9		MRW23A	02	MWA08A	01	2	TD4	E1			31A		
23095		XA226	60			XA226	38			16B	9		MRW23A	03	MWA09A	01	2	TD4	E2			28A		
23070		XA226	38			XA226	31			16B	9		MRW23A	04	MWA04A	01	2	TD4	C1			18A		
23074		XA226	31			XA226	08			16B	9		MRW23A	05	MWA05A	01	2	TD4	C2			15B		
23049		XA226	08			XA226	04			16B	9		MRW23A	06	MWA00A	01	2	TD4	A1			06A		
23054		XA226	04			XA227	04			16B	9		MRW23A	07	MWA01A	01	2	TD4	A2			04A		
23114		XA227	04			XA227	08			16B	9		MRW23A	08	MWA13A	01	2	TD4	A2			04A		
23109		XA227	08			XA132	72			16B	9		MRW23A	09	MWA12A	01	2	TD4	A1			06A		
21825		XA132	72										MRW23A	11	MRW23A	00	1	TQ2	F2			34A	BIT 23 WORD ADR *	
21827		XA132	75			XA227	24			16B	9		MRW230	00	MRW230	00	1	TQ2	F1			37B	BIT 23 WORD ADR	
23120		XA227	24			XA227	18			16B	9		MRW230	01	MWA14A	01	2	TD4	B1			13A		
23124		XA227	18			XA226	18			16B	9		MRW230	02	MWA15A	01	2	TD4	B2			10A		
23064		XA226	18			XA226	24			16B	9		MRW230	03	MWA03A	01	2	TD4	B2			10A		
23060		XA226	24			XA226	46			16B	9		MRW230	04	MWA02A	01	2	TD4	B1			13A		
23085		XA226	46			XA226	52			16B	9		MRW230	05	MWA07A	01	2	TD4	D2			21A		
23080		XA226	52			XA226	72			16B	9		MRW230	06	MWA06A	01	2	TD4	D1			24A		
23105		XA226	72			XA226	77			16B	9		MRW230	08	MWA11A	01	2	TD4	F2			34A		
23100		XA226	77										MRW230	09	MWA10A	01	2	TD4	F1			38B		
21832		XA132	80			XA226	06			16B	9		MRW24A	00	MRW24A	00	1	TQ2	F4			39A	BIT 24 WORD ADR *	
23048		XA226	06			XA227	06			16B	9		MRW24A	01	MWA00A	01	1	TD4	A1			05A		
23108		XA227	06			XA227	22			16B	9		MRW24A	02	MWA12A	01	1	TD4	A1			05A		
23118		XA227	22			XA226	22			16B	9		MRW24A	03	MWA14A	01	1	TD4	B1			12A		
23058		XA226	22			XA226	37			16B	9		MRW24A	04	MWA02A	01	1	TD4	B1			12A		
23069		XA226	37			XA226	49			16B	9		MRW24A	05	MWA04A	01	1	TD4	C1			18B		
23079		XA226	49			XA226	61			16B	9		MRW24A	06	MWA06A	01	1	TD4	D1			26B		
23089		XA226	61			XA226	75			16B	9		MRW24A	07	MWA08A	01	1	TD4	E1			32B		
23098		XA226	75										MRW24A	08	MWA10A	01	1	TD4	F1			37B		
21834		XA132	69			XA226	01			16B	9		MRW240	00	MRW240	00	1	TQ2	F3			35A	BIT 24 WORD ADR	
23053		XA226	01			XA227	01			16B	9		MRW240	01	MWA01A	01	1	TD4	A2			02B		
23113		XA227	01			XA227	14			16B	9		MRW240	02	MWA13A	01	1	TD4	A2			02B		
23123		XA227	14			XA226	14			16B	9		MRW240	03	MWA15A	01	1	TD4	B2			09A		
23063		XA226	14			XA226	30			16B	9		MRW240	04	MWA03A	01	1	TD4	B2			09A		
23073		XA226	30			XA226	43			16B	9		MRW240	05	MWA05A	01	1	TD4	C2			15A		
23083		XA226	43			XA226	55			16B	9		MRW240	06	MWA07A	01	1	TD4	D2			23B		
										****	SIGNAL	(MRW240)			IS ON THE						****			

DRAWING NUMBER 149304-800 STRING UNIT ASSEMBLY NO. 149304 REV G INDEX MRW240  
 UNIT ASSEMBLY NAME CARD CAGE WIRED, MCU FILE IDENT T39AMCMU DATE 09-02-82 PAGE 154

RECORD NUMBER	FROM				TO				WIRE				SIGNAL	SEQ NO	EQUATION	TERM	FACTOR	CKT OR CHIP TYPE	W3DP	LOAD OR POWER PLANE	TEST POINTS AND OR	SIGNAL DESCRIPTION	ECO NO		
	PREFIX	CONNECTOR	PIN	DI PO	PREFIX	CONNECTOR	PIN	DI PO	MULTI GROUP	CODE	COLOR	IDENT												SPEC INST MISC	
23093		XA226	55		XA226	71			16B	9			MRW240	07	MWA09A	01 1	TD4	E2		29B					
23104		XA226	71										MRW240	08	MWA11A	01 1	TD4	F2		36A					
21570		XA326	73		XA343	80			16B	9			MSD0PA	01	MRD0PP	01 1	TDD	MP		36B					
09273		XA343	80		XA343	78			16B	9			MSD0PA	02			SAM	Z4				SENSE AMP 0P*			
09271		XA343	78		XA343	65			16B	9			MSD0PA	022			SAM								
09258		XA343	65		XA343	43			16B	9			MSD0PA	03			SAM	Z3							
09235		XA343	43		XA343	19			16B	9			MSD0PA	04			SAM	Z2							
09211		XA343	19										MSD0PA	05			SAM	Z1							
09910		XA351	80		XA351	78			16B	9			MSD00A	01			SAM	Z4					SENSE AMP 00*		
09908		XA351	78		XA351	65			16B	9			MSD00A	011			SAM								
09894		XA351	65		XA351	43			16B	9			MSD00A	02			SAM	Z3							
09870		XA351	43		XA351	19			16B	9			MSD00A	03			SAM	Z2							
09846		XA351	19		XA324	22			16B	9			MSD00A	04			SAM	Z1							
21575		XA324	22										MSD00A	05	MRD00P	01 1	TDD	CP		12A					
09826		XA350	80		XA350	78			16B	9			MSD01A	01			SAM	Z4					SENSE AMP 01*		
09824		XA350	78		XA350	65			16B	9			MSD01A	011			SAM								
09811		XA350	65		XA350	43			16B	9			MSD01A	02			SAM	Z3							
09789		XA350	43		XA350	19			16B	9			MSD01A	03			SAM	Z2							
09766		XA350	19		XA324	20			16B	9			MSD01A	04			SAM	Z1							
21581		XA324	20										MSD01A	05	MRD01P	01 1	TDD	DP		11A					
09747		XA349	80		XA349	78			16B	9			MSD02A	01			SAM	Z4					SENSE AMP 02*		
09745		XA349	78		XA349	65			16B	9			MSD02A	011			SAM								
09732		XA349	65		XA349	43			16B	9			MSD02A	02			SAM	Z3							
09710		XA349	43		XA349	19			16B	9			MSD02A	03			SAM	Z2							
09687		XA349	19		XA324	38			16B	9			MSD02A	04			SAM	Z1							
21588		XA324	38										MSD02A	05	MRD02P	01 1	TDD	EP		18A					
21594		XA324	36		XA348	19			16B	9			MSD03A	01	MRD03P	01 1	TDD	EP		17A			SENSE AMP 03*		
09608		XA348	19		XA348	43			16B	9			MSD03A	02			SAM	Z1							
09631		XA348	43		XA348	65			16B	9			MSD03A	03			SAM	Z2							
09653		XA348	65		XA348	78			16B	9			MSD03A	04			SAM	Z3							
09666		XA348	78		XA348	80			16B	9			MSD03A	05			SAM								
09668		XA348	80										MSD03A	06			SAM	Z4							
21600		XA324	52		XA347	80			16B	9			MSD04A	01	MRD04P	01 1	TDD	GP		24A			SENSE AMP 04*		
09589		XA347	80		XA347	78			16B	9			MSD04A	02			SAM	Z4							
09587		XA347	78		XA347	65			16B	9			MSD04A	022			SAM								
09574		XA347	65		XA347	43			16B	9			MSD04A	03			SAM	Z3							
09552		XA347	43		XA347	19			16B	9			MSD04A	04			SAM	Z2							
09529		XA347	19										MSD04A	05			SAM	Z1							
04809		XA151	19		XA151	43			16B	9			MSD05A	01			SAM	Z1					SENSE AMP 05*		
04833		XA151	43		XA151	65			16B	9			MSD05A	02			SAM	Z2							
04857		XA151	65		XA151	78			16B	9			MSD05A	03			SAM	Z3							
04870		XA151	78		XA151	80			16B	9			MSD05A	033			SAM								
04872		XA151	80		XA324	50			16B	9			MSD05A	04			SAM	Z4							
													****	SIGNAL	(MSD05A)	IS ON THE NEXT PAGE ****									

DRAWING NUMBER 149304-800 STRING  
 UNIT ASSEMBLY NAME CARD CAGE WIRED, MCU

UNIT ASSEMBLY NO. 149304  
 FILE IDENT T39AMCMU

REV G INDEX MSD05A  
 DATE 09-02-82 PAGE 155

RECORD NUMBER	FROM			TO			WIRE			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	CODE	COLOR	IDENT											
21606		XA324	50							MSD05A	05	MRD05P	01	1	TDD	HP		23A		
04731		XA150	19		XA150	43		16B	9	MSD06A	01				SAM	Z1				
04753		XA150	43		XA150	65		16B	9	MSD06A	02				SAM	Z2				SENSE AMP 06*
04775		XA150	65		XA150	78		16B	9	MSD06A	03				SAM	Z3				
04788		XA150	78		XA150	80		16B	9	MSD06A	033				SAM					
04790		XA150	80		XA324	66		16B	9	MSD06A	04				SAM	Z4				
21612		XA324	66							MSD06A	05	MRD06P	01	1	TDD	JP		31A		
04652		XA149	19		XA149	43		16B	9	MSD07A	01				SAM	Z1				SENSE AMP 07*
04675		XA149	43		XA149	65		16B	9	MSD07A	02				SAM	Z2				
04697		XA149	65		XA149	78		16B	9	MSD07A	03				SAM	Z3				
04710		XA149	78		XA149	80		16B	9	MSD07A	033				SAM					
04712		XA149	80		XA324	64		16B	9	MSD07A	04				SAM	Z4				
21618		XA324	64							MSD07A	05	MRD07P	01	1	TDD	KP		30A		
07248		XA251	19		XA251	43		16B	9	MSD08A	01				SAM	Z1				SENSE AMP 08*
07273		XA251	43		XA251	65		16B	9	MSD08A	02				SAM	Z2				
07296		XA251	65		XA251	78		16B	9	MSD08A	03				SAM	Z3				
07311		XA251	78		XA251	80		16B	9	MSD08A	033				SAM					
07313		XA251	80		XA324	75		16B	9	MSD08A	04				SAM	Z4				
21623		XA324	75							MSD08A	05	MRD08P	01	1	TDD	LP		37B		
21630		XA324	73		XA250	80		16B	9	MSD09A	01	MRD09P	01	1	TDD	MP		36B		SENSE AMP 09*
07229		XA250	80		XA250	78		16B	9	MSD09A	02				SAM	Z4				
07227		XA250	78		XA250	65		16B	9	MSD09A	022				SAM					
07214		XA250	65		XA250	43		16B	9	MSD09A	03				SAM	Z3				
07192		XA250	43		XA250	19		16B	9	MSD09A	04				SAM	Z2				
07169		XA250	19							MSD09A	05				SAM	Z1				
07090		XA249	19		XA249	43		16B	9	MSD10A	01				SAM	Z1				SENSE AMP 10*
07113		XA249	43		XA249	65		16B	9	MSD10A	02				SAM	Z2				
07135		XA249	65		XA249	78		16B	9	MSD10A	03				SAM	Z3				
07148		XA249	78		XA249	80		16B	9	MSD10A	033				SAM					
07150		XA249	80		XA325	06		16B	9	MSD10A	04				SAM	Z4				
21635		XA325	06							MSD10A	05	MRD10P	01	1	TDD	AP		05A		
07011		XA248	19		XA248	43		16B	9	MSD11A	01				SAM	Z1				SENSE AMP 11*
07034		XA248	43		XA248	65		16B	9	MSD11A	02				SAM	Z2				
07056		XA248	65		XA248	78		16B	9	MSD11A	03				SAM	Z3				
07069		XA248	78		XA248	80		16B	9	MSD11A	033				SAM					
07071		XA248	80		XA325	04		16B	9	MSD11A	04				SAM	Z4				
21641		XA325	04							MSD11A	05	MRD11P	01	1	TDD	BP		04A		
06932		XA247	19		XA247	43		16B	9	MSD12A	01				SAM	Z1				SENSE AMP 12*
06955		XA247	43		XA247	65		16B	9	MSD12A	02				SAM	Z2				
06977		XA247	65		XA247	78		16B	9	MSD12A	03				SAM	Z3				
06990		XA247	78		XA247	80		16B	9	MSD12A	033				SAM					
06992		XA247	80		XA325	22		16B	9	MSD12A	04				SAM	Z4				
21647		XA325	22							MSD12A	05	MRD12P	01	1	TDD	CP		12A		

DRAWING NUMBER  
UNIT ASSEMBLY NAME

149304-800  
CARD CAGE WIRED, MCU

STRING  
UNIT ASSEMBLY NO. 149304  
FILE IDENT T39AMCMU

REV G  
DATE 09-02-82  
INDEX MSD12A  
PAGE 156

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	DR PG	PREFIX	CONNECTOR	PIN	DR PG	MULTI GROUP	CODE	COLOR									IDENT	AND		
13371		XA451	80		XA451	78			16B	9		MSD13A	01			SAM	Z4					SENSE AMP 13*	
13369		XA451	78		XA451	65			16B	9		MSD13A	011			SAM							
13356		XA451	65		XA451	43			16B	9		MSD13A	02			SAM	Z3						
13334		XA451	43		XA451	19			16B	9		MSD13A	03			SAM	Z2						
13310		XA451	19		XA325	20			16B	9		MSD13A	04			SAM	Z1						
21653		XA325	20									MSD13A	05	MRD13P	01	1	TDD	DP		11A			
13291		XA450	80		XA450	78			16B	9		MSD14A	01			SAM	Z4						SENSE AMP 14*
13289		XA450	78		XA450	65			16B	9		MSD14A	011			SAM							
13276		XA450	65		XA450	43			16B	9		MSD14A	02			SAM	Z3						
13254		XA450	43		XA450	19			16B	9		MSD14A	03			SAM	Z2						
13231		XA450	19		XA325	38			16B	9		MSD14A	04			SAM	Z1						
21660		XA325	38									MSD14A	05	MRD14P	01	1	TDD	EP		18A			
13212		XA449	80		XA449	78			16B	9		MSD15A	01			SAM	Z4						SENSE AMP 15*
13210		XA449	78		XA449	65			16B	9		MSD15A	011			SAM							
13197		XA449	65		XA449	43			16B	9		MSD15A	02			SAM	Z3						
13175		XA449	43		XA449	19			16B	9		MSD15A	03			SAM	Z2						
13152		XA449	19		XA325	36			16B	9		MSD15A	04			SAM	Z1						
21666		XA325	36									MSD15A	05	MRD15P	01	1	TDD	FP		17A			
13133		XA448	80		XA448	78			16B	9		MSD16A	01			SAM	Z4						SENSE AMP 16*
13131		XA448	78		XA448	65			16B	9		MSD16A	011			SAM							
13118		XA448	65		XA448	43			16B	9		MSD16A	02			SAM	Z3						
13096		XA448	43		XA448	19			16B	9		MSD16A	03			SAM	Z2						
13073		XA448	19		XA325	52			16B	9		MSD16A	04			SAM	Z1						
21672		XA325	52									MSD16A	05	MRD16P	01	1	TDD	GP		24A			
13054		XA447	80		XA447	78			16B	9		MSD17A	01			SAM	Z4						SENSE AMP 17*
13052		XA447	78		XA447	65			16B	9		MSD17A	011			SAM							
13039		XA447	65		XA447	43			16B	9		MSD17A	02			SAM	Z3						
13017		XA447	43		XA447	19			16B	9		MSD17A	03			SAM	Z2						
12994		XA447	19		XA325	50			16B	9		MSD17A	04			SAM	Z1						
21678		XA325	50									MSD17A	05	MRD17P	01	1	TDD	HP		23A			
21684		XA325	66		XA446	19			16B	9		MSD18A	01	MRD18P	01	1	TDD	JP		31A			SENSE AMP 18*
12915		XA446	19		XA446	43			16B	9		MSD18A	02			SAM	Z1						
12938		XA446	43		XA446	65			16B	9		MSD18A	03			SAM	Z2						
12960		XA446	65		XA446	78			16B	9		MSD18A	04			SAM	Z3						
12973		XA446	78		XA446	80			16B	9		MSD18A	05			SAM							
12975		XA446	80									MSD18A	06			SAM	Z4						
12896		XA445	80		XA445	78			16B	9		MSD19A	01			SAM	Z4						SENSE AMP 19*
12894		XA445	78		XA445	65			16B	9		MSD19A	011			SAM							
12881		XA445	65		XA445	43			16B	9		MSD19A	02			SAM	Z3						
12859		XA445	43		XA445	19			16B	9		MSD19A	03			SAM	Z2						
12836		XA445	19		XA325	64			16B	9		MSD19A	04			SAM	Z1						
21690		XA325	64									MSD19A	05	MRD19P	01	1	TDD	KP		30A			



DRAWING NUMBER 149304-800 STRING UNIT ASSEMBLY NO. 149304 REV G INDEX MSD19A  
 UNIT ASSEMBLY NAME CARD CAGE WIRED, MCU FILE IDENT T39AMCMU DATE 09-02-82 PAGE 157

RECORD NUMBER	FROM				TO				WIRE			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	DRIFT	PREFIX	CONNECTOR	PIN	DRIFT	MULTI GROUP	CODE	COLOR										
12817		XA444	80		XA444	78			168	9		MSD20A	01			SAM	Z4			SENSE AMP 20*	
12815		XA444	78		XA444	65			168	9		MSD20A	011			SAM					
12802		XA444	65		XA444	43			168	9		MSD20A	02			SAM	Z3				
12780		XA444	43		XA444	19			168	9		MSD20A	03			SAM	Z2				
12757		XA444	19		XA325	75			168	9		MSD20A	04			SAM	Z1				
21695		XA325	75									MSD20A	05	MRD20P	01 1	TDD	LP		37B		
12738		XA443	80		XA443	78			168	9		MSD21A	01			SAM	Z4			SENSE AMP 21*	
12736		XA443	78		XA443	65			168	9		MSD21A	011			SAM					
12723		XA443	65		XA443	43			168	9		MSD21A	02			SAM	Z3				
12700		XA443	43		XA443	19			168	9		MSD21A	03			SAM	Z2				
12676		XA443	19		XA325	73			168	9		MSD21A	04			SAM	Z1				
21702		XA325	73									MSD21A	05	MRD21P	01 1	TDD	MP		36B		
06850		XA246	19		XA246	43			168	9		MSD22A	01			SAM	Z1			SENSE AMP 22*	
06874		XA246	43		XA246	65			168	9		MSD22A	02			SAM	Z2				
06898		XA246	65		XA246	78			168	9		MSD22A	03			SAM	Z3				
06911		XA246	78		XA246	80			168	9		MSD22A	033			SAM					
06913		XA246	80		XA326	04			168	9		MSD22A	04			SAM	Z4				
21707		XA326	04									MSD22A	05	MRD22P	01 1	TDD	BP		04A		
21713		XA326	22		XA245	80			168	9		MSD23A	01	MRD23P	01 1	TDD	CP		12A	SENSE AMP 23*	
06831		XA245	80		XA245	78			168	9		MSD23A	02			SAM	Z4				
06829		XA245	78		XA245	65			168	9		MSD23A	022			SAM					
06816		XA245	65		XA245	43			168	9		MSD23A	03			SAM	Z3				
06794		XA245	43		XA245	19			168	9		MSD23A	04			SAM	Z2				
06771		XA245	19									MSD23A	05			SAM	Z1				
06692		XA244	19		XA244	43			168	9		MSD24A	01			SAM	Z1			SENSE AMP 24*	
06715		XA244	43		XA244	65			168	9		MSD24A	02			SAM	Z2				
06737		XA244	65		XA244	78			168	9		MSD24A	03			SAM	Z3				
06750		XA244	78		XA244	80			168	9		MSD24A	033			SAM					
06752		XA244	80		XA326	20			168	9		MSD24A	04			SAM	Z4				
21719		XA326	20									MSD24A	05	MRD24P	01 1	TDD	DP		11A		
06613		XA243	19		XA243	43			168	9		MSD25A	01			SAM	Z1			SENSE AMP 25*	
06636		XA243	43		XA243	65			168	9		MSD25A	02			SAM	Z2				
06658		XA243	65		XA243	78			168	9		MSD25A	03			SAM	Z3				
06671		XA243	78		XA243	80			168	9		MSD25A	033			SAM					
06673		XA243	80		XA326	38			168	9		MSD25A	04			SAM	Z4				
21726		XA326	38									MSD25A	05	MRD25P	01 1	TDD	EP		18A		
04573		XA148	19		XA148	43			168	9		MSD26A	01			SAM	Z1			SENSE AMP 26*	
04596		XA148	43		XA148	65			168	9		MSD26A	02			SAM	Z2				
04618		XA148	65		XA148	78			168	9		MSD26A	03			SAM	Z3				
04631		XA148	78		XA148	80			168	9		MSD26A	033			SAM					
04633		XA148	80		XA326	36			168	9		MSD26A	04			SAM	Z4				
21732		XA326	36									MSD26A	05	MRD26P	01 1	TDD	FP		17A		

DRAWING NUMBER  
UNIT ASSEMBLY NAME

149304-800  
CARD CAGE WIRED, MCU

STRING  
UNIT ASSEMBLY NO. 149304  
FILE IDENT T39AMCMU

REV G  
DATE 09-02-82  
INDEX MSD26A  
PAGE 158

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 TO	PREFIX	CONNECTOR	PIN	SH TO	MULTI GROUP	CODE	COLOR	IDENT									AND	OR			
21863		XA341	04			XA341	03			16B	9		MSESOA	02	MSEB00	01	1	TQ2	A2		04A				
21893		XA341	03			XA339	22			16B	9		MSESOA	03	MSEC00	01	1	TQ2	A3		02A				
21931		XA339	22										MSESOA	04	MSESOA	00	1	TQ2	B1		12A	SENSE STROBE 0 *			
21862		XA341	01	3		XA146	01	3		16B	9		MSESOB	00	MSEB00			TQ2	A2		02B				
04394		XA146	01			XA147	01			16B	9		MSESOB	01				SAM	Z1						
04476		XA147	01			XA148	01			16B	9		MSESOB	02				SAM	Z1						
04555		XA148	01			XA149	01			16B	9		MSESOB	03				SAM	Z1						
04634		XA149	01			XA150	01			16B	9		MSESOB	04				SAM	Z1						
04713		XA150	01			XA151	01			16B	9		MSESOB	05				SAM	Z1						
04791		XA151	01			XA251	01			16B	9		MSESOB	06				SAM	Z1						
07230		XA251	01			XA250	01			16B	9		MSESOB	07				SAM	Z1						
07151		XA250	01			XA249	01			16B	9		MSESOB	08				SAM	Z1						
07072		XA249	01			XA248	01			16B	9		MSESOB	09				SAM	Z1						
06993		XA248	01			XA247	01			16B	9		MSESOB	10				SAM	Z1						
06914		XA247	01			XA246	01			16B	9		MSESOB	11				SAM	Z1						
06832		XA246	01			XA245	01			16B	9		MSESOB	12				SAM	Z1						
06753		XA245	01			XA244	01			16B	9		MSESOB	13				SAM	Z1						
06674		XA244	01			XA243	01			16B	9		MSESOB	14				SAM	Z1						
06594		XA243	01			XA341	01			16B	9		MSESOB	15				SAM	Z1						
21934		XA341	01			XA341	09			16B	9		MSEB00	16	MSESOB	02	1	TQ2	A2		02B				
21936		XA341	09			XA341	06			16B	9		MSEC00	17	MSESOB	03	1	TQ2	A3		04B				
21935		XA341	06			XA343	01			16B	9		MSEA00	18	MSESOB	01	1	TQ2	A1		05A	SENSE STROBE 0			
09193		XA343	01			XA344	01			16B	9		MSESOB	19				SAM	Z1						
09274		XA344	01			XA345	01			16B	9		MSESOB	20				SAM	Z1						
09353		XA345	01			XA346	01			16B	9		MSESOB	21				SAM	Z1						
09432		XA346	01			XA347	01			16B	9		MSESOB	22				SAM	Z1						
09511		XA347	01			XA348	01			16B	9		MSESOB	23				SAM	Z1						
09590		XA348	01			XA349	01			16B	9		MSESOB	24				SAM	Z1						
09669		XA349	01			XA350	01			16B	9		MSESOB	25				SAM	Z1						
09748		XA350	01			XA351	01			16B	9		MSESOB	26				SAM	Z1						
09827		XA351	01			XA451	01			16B	9		MSESOB	27				SAM	Z1						
13292		XA451	01			XA450	01			16B	9		MSESOB	28				SAM	Z1						
13213		XA450	01			XA449	01			16B	9		MSESOB	29				SAM	Z1						
13134		XA449	01			XA448	01			16B	9		MSESOB	30				SAM	Z1						
13055		XA448	01			XA447	01			16B	9		MSESOB	31				SAM	Z1						
12976		XA447	01			XA446	01			16B	9		MSESOB	32				SAM	Z1						
12897		XA446	01			XA445	01			16B	9		MSESOB	33				SAM	Z1						
12818		XA445	01			XA444	01			16B	9		MSESOB	34				SAM	Z1						
12739		XA444	01			XA443	01			16B	9		MSESOB	35				SAM	Z1						
12658		XA443	01	3		XA341	09	3		16B	9		MSESOB	36				SAM	Z1						
21896		XA341	09										MSESOB	37	MSEC00			TQ2	A3		04B				
21937		XA339	14			XA341	17			16B	9		MSES1A	01	MSES1A	00	1	TQ2	B2		09A	SENSE STROBE 1 *			
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				
21841		XA341	24										MSES1A	04	MSEA10	01	1	TQ2	B1		13A				
21840		XA341	22	3		XA443	17	3		16B	9		MSES1B	00	MSEA10			TQ2	B1		12A				
12674		XA443	17			XA444	17			16B	9		MSES1B	01				SAM	Z1						
												**** SIGNAL (MSES1B) IS ON THE NEXT PAGE ****													

DRAWING NUMBER 149304-800 STRING UNIT ASSEMBLY NO. 149304 REV G INDEX MSEA60  
 UNIT ASSEMBLY NAME CARD CAGE WIRED, MCU FILE IDENT T39AMCMU DATE 09-02-82 PAGE 159

RECORD NUMBER	FROM				TO				WIRE				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 PG	PREFIX	CONNECTOR	PIN	SH PG	MULTI GROUP	CODE	COLOR	IDENT											
21858		XA340	22									J	MSEA70	01	MSEA70	00	1	TQ2	B1		12A	MSES7B BUSS	
21861		XA341	01									J	MSEB00	01	MSEB00	00	1	TQ2	A2		02B	MSES0B BUSS	
21865		XA341	14									J	MSEB10	01	MSEB10	00	1	TQ2	B2		09A	MSES1B BUSS	
21869		XA341	30									J	MSEB20	01	MSEB20	00	1	TQ2	C2		15A	MSES2B BUSS	
21873		XA341	46									J	MSEB30	01	MSEB30	00	1	TQ2	D2		21A	MSES3B BUSS	
21877		XA341	60									J	MSEB40	01	MSEB40	00	1	TQ2	E2		28A	MSES4B BUSS	
21882		XA341	72									J	MSEB50	01	MSEB50	00	1	TQ2	F2		34A	MSES5B BUSS	
21885		XA340	01									J	MSEB60	01	MSEB60	00	1	TQ2	A2		02B	MSES6B BUSS	
21889		XA340	14									J	MSEB70	01	MSEB70	00	1	TQ2	B2		09A	MSES7B BUSS	
21895		XA341	09									J	MSEC00	01	MSEC00	00	1	TQ2	A3		04B	MSES0B BUSS	
21899		XA341	21									J	MSEC10	01	MSEC10	00	1	TQ2	B3		10B	MSES1B BUSS	
21902		XA341	33									J	MSEC20	01	MSEC20	00	1	TQ2	C3		16B	MSES2B BUSS	
21906		XA341	45									J	MSEC30	01	MSEC30	00	1	TQ2	D3		24B	MSES3B BUSS	
21910		XA341	57									J	MSEC40	01	MSEC40	00	1	TQ2	E3		30B	MSES4B BUSS	
21913		XA341	69									J	MSEC50	01	MSEC50	00	1	TQ2	F3		35A	MSES5B BUSS	
21918		XA340	09									J	MSEC60	01	MSEC60	00	1	TQ2	A3		04B	MSES6B BUSS	
21922		XA340	21									J	MSEC70	01	MSEC70	00	1	TQ2	B3		10B	MSES7B BUSS	
21927		XA240	51			XA340	77			16B	9		MSENTA	01	MSENTA	00	1	TT3	D3		27B	MSEN7A BUSS	
21929		XA340	77										MSENTA	02	MSENTA	01	1	TQ2	F1		38B	MSEN8A BUSS	
21944		XA339	19			XA339	20			16B	9		MSENTO	01	MSES2A	01	2	TQ2	B3		09B	MSEN9A BUSS	
21939		XA339	20			XA339	26			16B	9		MSENTO	02	MSES1A	01	2	TQ2	B2		11A	MSEN1A BUSS	
21933		XA339	26			XA339	25			16B	9		MSENTO	03	MSES0A	01	2	TQ2	B1		14A	MSEN0A BUSS	
21950		XA339	25			XA339	31			16B	9		MSENTO	04	MSES3A	01	2	TQ2	B4		12B	MSEN3A BUSS	
21968		XA339	31			XA339	37			16B	9		MSENTO	05	MSES6A	01	2	TQ2	C3		15B	MSEN6A BUSS	
21974		XA339	37			XA339	36			16B	9		MSENTO	06	MSES7A	01	2	TQ2	C4		18B	MSEN7A BUSS	
21963		XA339	36			XA339	42			16B	9		MSENTO	07	MSES5A	01	2	TQ2	C2		17A	MSEN5A BUSS	
21957		XA339	42			XA340	75			16B	9		MSENTO	08	MSES4A	01	2	TQ2	C1		20A	MSEN4A BUSS	
21928		XA340	75										MSENTO	09	MSENTO	00	1	TQ2	F1		37B	MSEN0A BUSS	
21837		XA341	08			XA341	04			16B	9		MSES0A	01	MSEA00	01	1	TQ2	A1		06A	MSEN0A BUSS	
										****	SIGNAL		(MSES0A)		IS ON THE						****		

DRAWING NUMBER  
UNIT ASSEMBLY NAME

149304-800  
CARD CAGE WIRED, MCU

STRING  
UNIT ASSEMBLY NO. 149304  
FILE IDENT T39AMCMU

REV G  
DATE 09-02-82  
INDEX MSES0A  
PAGE 160

RECORD NUMBER	FROM				TO				WIRE			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
	PREFIX	CONNECTOR	PIN	SH TC	PREFIX	CONNECTOR	PIN	SH TC	MULTI GROUP	CODE	COLOR												
21863		XA341	04		XA341	03				168	9		MSES0A	02	MSEB00	01	1	TQ2	A2		04A		
21893		XA341	03		XA339	22				168	9		MSES0A	03	MSEC00	01	1	TQ2	A3		02A		
21931		XA339	22										MSES0A	04	MSES0A	00	1	TQ2	B1		12A	SENSE STROBE 0 *	
21862		XA341	01	3	XA146	01	3			168	9		MSES0B	00	MSEB00			TQ2	A2		02B		
04394		XA146	01		XA147	01				168	9		MSES0B	01				SAM	Z1				
04476		XA147	01		XA148	01				168	9		MSES0B	02				SAM	Z1				
04555		XA148	01		XA149	01				168	9		MSES0B	03				SAM	Z1				
04634		XA149	01		XA150	01				168	9		MSES0B	04				SAM	Z1				
04713		XA150	01		XA151	01				168	9		MSES0B	05				SAM	Z1				
04791		XA151	01		XA251	01				168	9		MSES0B	06				SAM	Z1				
07230		XA251	01		XA250	01				168	9		MSES0B	07				SAM	Z1				
07151		XA250	01		XA249	01				168	9		MSES0B	08				SAM	Z1				
07072		XA249	01		XA248	01				168	9		MSES0B	09				SAM	Z1				
06993		XA248	01		XA247	01				168	9		MSES0B	10				SAM	Z1				
06914		XA247	01		XA246	01				168	9		MSES0B	11				SAM	Z1				
06832		XA246	01		XA245	01				168	9		MSES0B	12				SAM	Z1				
06753		XA245	01		XA244	01				168	9		MSES0B	13				SAM	Z1				
06674		XA244	01		XA243	01				168	9		MSES0B	14				SAM	Z1				
06594		XA243	01		XA341	01				168	9		MSES0B	15				SAM	Z1				
21934		XA341	01		XA341	09				168	9		P MSES00	16	MSES0B	02	1	TQ2	A2		02B		
21936		XA341	09		XA341	06				168	9		P MSEC00	17	MSES0B	03	1	TQ2	A3		04B		
21935		XA341	06		XA343	01				168	9		P MSEA00	18	MSES0B	01	1	TQ2	A1		05A	SENSE STROBE 0	
09193		XA343	01		XA344	01				168	9		MSES0B	19				SAM	Z1				
09274		XA344	01		XA345	01				168	9		MSES0B	20				SAM	Z1				
09353		XA345	01		XA346	01				168	9		MSES0B	21				SAM	Z1				
09432		XA346	01		XA347	01				168	9		MSES0B	22				SAM	Z1				
09511		XA347	01		XA348	01				168	9		MSES0B	23				SAM	Z1				
09590		XA348	01		XA349	01				168	9		MSES0B	24				SAM	Z1				
09669		XA349	01		XA350	01				168	9		MSES0B	25				SAM	Z1				
09748		XA350	01		XA351	01				168	9		MSES0B	26				SAM	Z1				
09827		XA351	01		XA451	01				168	9		MSES0B	27				SAM	Z1				
13292		XA451	01		XA450	01				168	9		MSES0B	28				SAM	Z1				
13213		XA450	01		XA449	01				168	9		MSES0B	29				SAM	Z1				
13134		XA449	01		XA448	01				168	9		MSES0B	30				SAM	Z1				
13055		XA448	01		XA447	01				168	9		MSES0B	31				SAM	Z1				
12976		XA447	01		XA446	01				168	9		MSES0B	32				SAM	Z1				
12897		XA446	01		XA445	01				168	9		MSES0B	33				SAM	Z1				
12818		XA445	01		XA444	01				168	9		MSES0B	34				SAM	Z1				
12739		XA444	01		XA443	01				168	9		MSES0B	35				SAM	Z1				
12658		XA443	01	3	XA341	09	3			168	9		MSES0B	36				SAM	Z1				
21896		XA341	09										MSES0B	37	MSEC00			TQ2	A3		04B		
21937		XA339	14		XA341	17				168	9		MSES1A	01	MSES1A	00	1	TQ2	B2		09A	SENSE STROBE 1 *	
21897		XA341	17		XA341	18				168	9		MSES1A	02	MSEC10	01	1	TQ2	B3		08B		
21867		XA341	18		XA341	24				168	9		MSES1A	03	MSEA10	01	1	TQ2	B2		10A		
21841		XA341	24										MSES1A	04	MSEA10	01	1	TQ2	B1		13A		
21840		XA341	22	3	XA443	17	3			168	9		MSES1B	00	MSEA10			TQ2	B1		12A		
12674		XA443	17		XA444	17				168	9		MSES1B	01				SAM	Z1				
													****	SIGNAL (MSES1B)								IS ON THE NEXT PAGE	****

DRAWING NUMBER 149304-800 STRING UNIT ASSEMBLY NO. 149304 REV G INDEX MSES1B  
 UNIT ASSEMBLY NAME CARD CAGE WIRED, MCU FILE IDENT T39AMCMU DATE 09-02-82 PAGE 161

RECORD NUMBER	FROM			TO			WIRE				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
	PREFIX	CONNECTOR	PIN	PREFIX	CONNECTOR	PIN	SH TS	MULT. GROUP	CODE	COLOR												
I2755		XA444	17		XA445	17			16B	9		MSES1B	02				SAM	Z1				
I2834		XA445	17		XA446	17			16B	9		MSES1B	03				SAM	Z1				
I2913		XA446	17		XA447	17			16B	9		MSES1B	04				SAM	Z1				
I2992		XA447	17		XA448	17			16B	9		MSES1B	05				SAM	Z1				
I3071		XA448	17		XA449	17			16B	9		MSES1B	06				SAM	Z1				
I3150		XA449	17		XA450	17			16B	9		MSES1B	07				SAM	Z1				
I3229		XA450	17		XA451	17			16B	9		MSES1B	08				SAM	Z1				
I3308		XA451	17		XA351	17			16B	9		MSES1B	09				SAM	Z1				
O9844		XA351	17		XA350	17			16B	9		MSES1B	10				SAM	Z1				
O9764		XA350	17		XA349	17			16B	9		MSES1B	11				SAM	Z1				
O9685		XA349	17		XA348	17			16B	9		MSES1B	12				SAM	Z1				
O9606		XA348	17		XA347	17			16B	9		MSES1B	13				SAM	Z1				
O9527		XA347	17		XA346	17			16B	9		MSES1B	14				SAM	Z1				
O9448		XA346	17		XA345	17			16B	9		MSES1B	15				SAM	Z1				
O9369		XA345	17		XA344	17			16B	9		MSES1B	16				SAM	Z1				
O9290		XA344	17		XA343	17			16B	9		MSES1B	17				SAM	Z1				
O9209		XA343	17		XA341	14			16B	9		MSES1B	18				SAM	Z1				
21940		XA341	14		XA341	22			16B	9	P	MSEB10	19	MSES1B	02	1	TQ2	B2		09A		
21942		XA341	22		XA341	21			16B	9	P	MSEA10	20	MSES1B	01	1	TQ2	B1		12A	SENSE STROBE 1	
21941		XA341	21		XA243	17			16B	9	P	MSECI0	21	MSES1B	03	1	TQ2	B3		10B		
O6611		XA243	17		XA244	17			16B	9		MSES1B	22				SAM	Z1				
O6690		XA244	17		XA245	17			16B	9		MSES1B	23				SAM	Z1				
O6769		XA245	17		XA246	17			16B	9		MSES1B	24				SAM	Z1				
O6848		XA246	17		XA247	17			16B	9		MSES1B	25				SAM	Z1				
O6930		XA247	17		XA248	17			16B	9		MSES1B	26				SAM	Z1				
O7009		XA248	17		XA249	17			16B	9		MSES1B	27				SAM	Z1				
O7088		XA249	17		XA250	17			16B	9		MSES1B	28				SAM	Z1				
O7167		XA250	17		XA251	17			16B	9		MSES1B	29				SAM	Z1				
O7246		XA251	17		XA151	17			16B	9		MSES1B	30				SAM	Z1				
O4807		XA151	17		XA150	17			16B	9		MSES1B	31				SAM	Z1				
O4729		XA150	17		XA149	17			16B	9		MSES1B	32				SAM	Z1				
O4650		XA149	17		XA148	17			16B	9		MSES1B	33				SAM	Z1				
O4571		XA148	17		XA147	17			16B	9		MSES1B	34				SAM	Z1				
O4492		XA147	17		XA146	17			16B	9		MSES1B	35				SAM	Z1				
O4410		XA146	17	3	XA341	14		3	16B	9		MSES1B	36				SAM	Z1				
21866		XA341	14									MSES1B	37	MSEB10			TQ2	B2		09A		
21844		XA341	40		XA341	34			16B	9		MSES2A	01	MSEA20	01	1	TQ2	C1		19A		
21871		XA341	34		XA341	29			16B	9		MSES2A	02	MSEB20	01	1	TQ2	C2		16A		
21900		XA341	29		XA339	21			16B	9		MSES2A	03	MSEC20	01	1	TQ2	C3		14B		
21945		XA339	21									MSES2A	04	MSES2A	00	1	TQ2	B3		10B	SENSE STROBE 2 *	
I3311		XA451	20		XA450	20			16B	9		MSES2B	01				SAM	Z2				
I3232		XA450	20		XA449	20			16B	9		MSES2B	02				SAM	Z2				
I3153		XA449	20		XA448	20			16B	9		MSES2B	03				SAM	Z2				
I3074		XA448	20		XA447	20			16B	9		MSES2B	04				SAM	Z2				
I2995		XA447	20		XA446	20			16B	9		MSES2B	05				SAM	Z2				
I2916		XA446	20		XA445	20			16B	9		MSES2B	06				SAM	Z2				
I2837		XA445	20		XA444	20			16B	9		MSES2B	07				SAM	Z2				
I2758		XA444	20		XA443	20			16B	9		MSES2B	08				SAM	Z2				
									****	SIGNAL		MSES2B								IS ON THE NEXT PAGE	****	

DRAWING NUMBER  
UNIT ASSEMBLY NAME

149304-800  
CARD CAGE WIRED, MCU

STRING  
UNIT ASSEMBLY NO. 149304  
FILE IDENT T39AMCMU

REV G  
DATE 09-02-82  
INDEX MSES2B  
PAGE 162

RECORD NUMBER	FROM				TO				WIRE				SIGNAL	SEQ NO	EQUATION	TERM	PKT OR FACTOR	CKT OR CHIP TYPE	GROUP	LOAD OR POWER PLANE	TEST POINTS AND/OR	SIGNAL DESCRIPTION	ECO NO
	PREFIX	CONNECTOR	PIN	SH PG	PREFIX	CONNECTOR	PIN	SH PG	MULTI GROUP	CODE	COLOR	IDENT											
12677		XA443	20		XA341	33				16B	9		P	MSES2B	09			SAM	Z2				
21947		XA341	33		XA341	38				16B	9			MSEC20	10	MSES2B	03	1	TQ2	C3		16B	
21948		XA341	38		XA341	30				16B	9		P	MSEA20	11	MSES2B	01	1	TQ2	C1		18A	SENSE STROBE 2
21946		XA341	30		XA343	20				16B	9			MSEB20	12	MSES2B	02	1	TQ2	C2		15A	
09212		XA343	20		XA344	20				16B	9			MSES2B	13			SAM	Z2				
09293		XA344	20		XA345	20				16B	9			MSES2B	14			SAM	Z2				
09372		XA345	20		XA346	20				16B	9			MSES2B	15			SAM	Z2				
09451		XA346	20		XA347	20				16B	9			MSES2B	16			SAM	Z2				
09530		XA347	20		XA348	20				16B	9			MSES2B	17			SAM	Z2				
09609		XA348	20		XA349	20				16B	9			MSES2B	18			SAM	Z2				
09688		XA349	20		XA350	20				16B	9			MSES2B	19			SAM	Z2				
09767		XA350	20		XA351	20				16B	9			MSES2B	20			SAM	Z2				
09847		XA351	20		XA451	20				16B	9			MSES2B	21			SAM	Z2				
13312		XA451	20										K	MSES2B	21			SAM	Z2				
07249		XA251	20		XA250	20				16B	9			MSES2B	22			SAM	Z2				
07170		XA250	20		XA249	20				16B	9			MSES2B	23			SAM	Z2				
07091		XA249	20		XA248	20				16B	9			MSES2B	24			SAM	Z2				
07012		XA248	20		XA247	20				16B	9			MSES2B	25			SAM	Z2				
06933		XA247	20		XA246	20				16B	9			MSES2B	26			SAM	Z2				
06851		XA246	20		XA245	20				16B	9			MSES2B	27			SAM	Z2				
06772		XA245	20		XA244	20				16B	9			MSES2B	28			SAM	Z2				
06693		XA244	20		XA243	20				16B	9			MSES2B	29			SAM	Z2				
06614		XA243	20	3	XA341	33		3		16B	9			MSES2B	30			SAM	Z2				
21903		XA341	33										K	MSES2B	302	MSEC20		TQ2	C3			16B	
21870		XA341	30	3	XA146	20		3		16B	9			MSES2B	309	MSEB20		TQ2	C2			15A	
04413		XA146	20		XA147	20				16B	9			MSES2B	31			SAM	Z2				
04495		XA147	20		XA148	20				16B	9			MSES2B	32			SAM	Z2				
04574		XA148	20		XA149	20				16B	9			MSES2B	33			SAM	Z2				
04653		XA149	20		XA150	20				16B	9			MSES2B	34			SAM	Z2				
04732		XA150	20		XA151	20				16B	9			MSES2B	35			SAM	Z2				
04810		XA151	20	3	XA251	20		3		16B	9			MSES2B	36			SAM	Z2				
07250		XA251	20										K	MSES2B	37			SAM	Z2				
21951		XA339	27		XA341	41				16B	9			MSES3A	01	MSES3A	00	1	TQ2	B4		13B	SENSE STROBE 3 *
21904		XA341	41		XA341	48				16B	9			MSES3A	02	MSEC30	01	1	TQ2	D3		22B	
21875		XA341	48		XA341	54				16B	9			MSES3A	03	MSEB30	01	1	TQ2	D2		22A	
21847		XA341	54											MSES3A	04	MSEA30	01	1	TQ2	D1		25A	
04830		XA151	41		XA150	41				16B	9			MSES3B	01			SAM	Z2				
04751		XA150	41		XA149	41				16B	9			MSES3B	02			SAM	Z2				
04673		XA149	41		XA148	41				16B	9			MSES3B	03			SAM	Z2				
04594		XA148	41		XA147	41				16B	9			MSES3B	04			SAM	Z2				
04515		XA147	41		XA146	41				16B	9			MSES3B	05			SAM	Z2				
04434		XA146	41	3	XA341	45		3		16B	9			MSES3B	06			SAM	Z2				
21907		XA341	45										K	MSES3B	062	MSEC30		TQ2	D3			24B	
21874		XA341	46	3	XA243	41		3		16B	9			MSES3B	064	MSEB30		TQ2	D2			21A	
06634		XA243	41		XA244	41				16B	9			MSES3B	07			SAM	Z2				
06713		XA244	41		XA245	41				16B	9			MSES3B	08			SAM	Z2				
06792		XA245	41		XA246	41				16B	9			MSES3B	09			SAM	Z2				
06872		XA246	41		XA247	41				16B	9			MSES3B	10			SAM	Z2				
										****	SIGNAL			MSES3B					IS ON THE NEXT PAGE	****			

DRAWING NUMBER 149304-800 STRING UNIT ASSEMBLY NO. 149304 REV G INDEX MSES3B  
 UNIT ASSEMBLY NAME CARD CAGE WIRED, MCU FILE IDENT T39AMCMU DATE 09-02-82 PAGE 163

RECORD NUMBER	FROM				TO				WIRE				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	WIRE NO	PREFIX	CONNECTOR	PIN	WIRE NO	MULTI GROUP	CODE	COLOR	IDENT											
06953		XA247	41		XA248	41				16B	9		MSES3B	11			SAM	Z2					
07032		XA248	41		XA249	41				16B	9		MSES3B	12			SAM	Z2					
07111		XA249	41		XA250	41				16B	9		MSES3B	13			SAM	Z2					
07190		XA250	41		XA251	41				16B	9		MSES3B	14			SAM	Z2					
07271		XA251	41		XA151	41				16B	9		MSES3B	15			SAM	Z2					
04831		XA151	41									K	MSES3B	155			SAM	Z2					
09868		XA351	41		XA350	41				16B	9		MSES3B	16			SAM	Z2					
09787		XA350	41		XA349	41				16B	9		MSES3B	17			SAM	Z2					
09708		XA349	41		XA348	41				16B	9		MSES3B	18			SAM	Z2					
09629		XA348	41		XA347	41				16B	9		MSES3B	19			SAM	Z2					
09550		XA347	41		XA346	41				16B	9		MSES3B	20			SAM	Z2					
09471		XA346	41		XA345	41				16B	9		MSES3B	21			SAM	Z2					
09392		XA345	41		XA344	41				16B	9		MSES3B	22			SAM	Z2					
09313		XA344	41		XA343	41				16B	9		MSES3B	23			SAM	Z2					
09233		XA343	41		XA341	45				16B	9		MSES3B	24			SAM	Z2					
21952		XA341	45		XA341	46				16B	9	P	MSEC30	25	MSES3B	03	1	TQ2	D3		24B		
21953		XA341	46		XA341	52				16B	9	P	MSEB30	26	MSES3B	02	1	TQ2	D2		21A		
21954		XA341	52		XA443	41				16B	9	P	MSEA30	27	MSES3B	01	1	TQ2	D1		24A	SENSE STROBE 3	
12698		XA443	41		XA444	41				16B	9		MSES3B	28			SAM	Z2					
12778		XA444	41		XA445	41				16B	9		MSES3B	29			SAM	Z2					
12857		XA445	41		XA446	41				16B	9		MSES3B	30			SAM	Z2					
12936		XA446	41		XA447	41				16B	9		MSES3B	31			SAM	Z2					
13015		XA447	41		XA448	41				16B	9		MSES3B	32			SAM	Z2					
13094		XA448	41		XA449	41				16B	9		MSES3B	33			SAM	Z2					
13173		XA449	41		XA450	41				16B	9		MSES3B	34			SAM	Z2					
13252		XA450	41		XA451	41				16B	9		MSES3B	35			SAM	Z2					
13332		XA451	41										MSES3B	36			SAM	Z2					
21850		XA341	68		XA341	62				16B	9		MSES4A	01	MSEA40	01	1	TQ2	E1		32A		
21879		XA341	62		XA341	53				16B	9		MSES4A	02	MSEB40	01	1	TQ2	E2		29A		
21908		XA341	53		XA339	38				16B	9		MSES4A	03	MSEC40	01	1	TQ2	E3		28B		
21955		XA339	38										MSES4A	04	MSES4A	00	1	TQ2	C1		18A	SENSE STROBE 4 *	
04835		XA151	45		XA150	45				16B	9		MSES4B	01			SAM	Z3					
04755		XA150	45		XA149	45				16B	9		MSES4B	02			SAM	Z3					
04677		XA149	45		XA148	45				16B	9		MSES4B	03			SAM	Z3					
04598		XA148	45		XA147	45				16B	9		MSES4B	04			SAM	Z3					
04519		XA147	45		XA146	45				16B	9		MSES4B	05			SAM	Z3					
04438		XA146	45	3	XA341	57		3		16B	9		MSES4B	06			SAM	Z3					
21911		XA341	57									K	MSES4B	062	MSEC40			TQ2	E3		30B		
21878		XA341	60	3	XA243	45		3		16B	9		MSES4B	064	MSEB40			TQ2	E2		28A		
06638		XA243	45		XA244	45				16B	9		MSES4B	07			SAM	Z3					
06717		XA244	45		XA245	45				16B	9		MSES4B	08			SAM	Z3					
06796		XA245	45		XA246	45				16B	9		MSES4B	09			SAM	Z3					
06876		XA246	45		XA247	45				16B	9		MSES4B	10			SAM	Z3					
06957		XA247	45		XA248	45				16B	9		MSES4B	11			SAM	Z3					
07036		XA248	45		XA249	45				16B	9		MSES4B	12			SAM	Z3					
07115		XA249	45		XA250	45				16B	9		MSES4B	13			SAM	Z3					
07194		XA250	45		XA251	45				16B	9		MSES4B	14			SAM	Z3					
07275		XA251	45		XA151	45				16B	9		MSES4B	15			SAM	Z3					
										****		SIGNAL	(MSES4B)									IS ON THE NEXT PAGE	****

DRAWING NUMBER 149304-800 STRING UNIT ASSEMBLY NO. 149304 REV G INDEX MSES4B  
 UNIT ASSEMBLY NAME CARD CAGE WIRED, MCU FILE IDENT T39AMCMU DATE 09-02-82 PAGE 164

RECORD NUMBER	FROM				TO				WIRE			SFC 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
	PREFIX	CONNECTOR	PIN	SR FC	PREFIX	CONNECTOR	PIN	SR FC	MULTI GROUP	CODE	COLOR												
04836		XA151	45										K	MSES4B	155			SAM	Z3				
09872		XA351	45		XA350	45				16B	9			MSES4B	16			SAM	Z3				
09791		XA350	45		XA349	45				16B	9			MSES4B	17			SAM	Z3				
09712		XA349	45		XA348	45				16B	9			MSES4B	18			SAM	Z3				
09633		XA348	45		XA347	45				16B	9			MSES4B	19			SAM	Z3				
09554		XA347	45		XA346	45				16B	9			MSES4B	20			SAM	Z3				
09475		XA346	45		XA345	45				16B	9			MSES4B	21			SAM	Z3				
09396		XA345	45		XA344	45				16B	9			MSES4B	22			SAM	Z3				
09317		XA344	45		XA343	45				16B	9			MSES4B	23			SAM	Z3				
09237		XA343	45		XA341	57				16B	9			MSES4B	24			SAM	Z3				
21958		XA341	57		XA341	60				16B	9		P	MSEC40	25	MSES4B	03	1	TQ2	E3		30B	
21959		XA341	60		XA341	66				16B	9		P	MSEB40	26	MSES4B	02	1	TQ2	E2		28A	
21960		XA341	66		XA443	45				16B	9		P	MSEA40	27	MSES4B	01	1	TQ2	E1		31A	SENSE STROBE 4
12702		XA443	45		XA444	45				16B	9			MSES4B	28			SAM	Z3				
12782		XA444	45		XA445	45				16B	9			MSES4B	29			SAM	Z3				
12861		XA445	45		XA446	45				16B	9			MSES4B	30			SAM	Z3				
12940		XA446	45		XA447	45				16B	9			MSES4B	31			SAM	Z3				
13019		XA447	45		XA448	45				16B	9			MSES4B	32			SAM	Z3				
13098		XA448	45		XA449	45				16B	9			MSES4B	33			SAM	Z3				
13177		XA449	45		XA450	45				16B	9			MSES4B	34			SAM	Z3				
13256		XA450	45		XA451	45				16B	9			MSES4B	35			SAM	Z3				
13336		XA451	45											MSES4B	36			SAM	Z3				
21961		XA339	30		XA341	65				16B	9			MSES5A	01	MSES5A	00	1	TQ2	C2		15A	SENSE STROBE 5 *
21912		XA341	65		XA341	71				16B	9			MSES5A	02	MSEC50	01	1	TQ2	F3		34B	
21881		XA341	71		XA341	77				16B	9			MSES5A	03	MSEB50	01	1	TQ2	F2		36A	
21853		XA341	77											MSES5A	04	MSEA50	01	1	TQ2	F1		38B	
13354		XA451	63		XA450	63				16B	9			MSES5B	01			SAM	Z3				
13274		XA450	63		XA449	63				16B	9			MSES5B	02			SAM	Z3				
13195		XA449	63		XA448	63				16B	9			MSES5B	03			SAM	Z3				
13116		XA448	63		XA447	63				16B	9			MSES5B	04			SAM	Z3				
13037		XA447	63		XA446	63				16B	9			MSES5B	05			SAM	Z3				
12958		XA446	63		XA445	63				16B	9			MSES5B	06			SAM	Z3				
12879		XA445	63		XA444	63				16B	9			MSES5B	07			SAM	Z3				
12800		XA444	63		XA443	63				16B	9			MSES5B	08			SAM	Z3				
12721		XA443	63		XA341	75				16B	9			MSES5B	09			SAM	Z3				
21966		XA341	75		XA341	69				16B	9		P	MSEA50	10	MSES5B	01	1	TQ2	F1		37B	SENSE STROBE 5
21964		XA341	69		XA341	72				16B	9		P	MSEC50	11	MSES5B	03	1	TQ2	F3		35A	
21965		XA341	72		XA343	63				16B	9		P	MSEB50	12	MSES5B	02	1	TQ2	F2		34A	
09256		XA343	63		XA344	63				16B	9			MSES5B	13			SAM	Z3				
09335		XA344	63		XA345	63				16B	9			MSES5B	14			SAM	Z3				
09414		XA345	63		XA346	63				16B	9			MSES5B	15			SAM	Z3				
09493		XA346	63		XA347	63				16B	9			MSES5B	16			SAM	Z3				
09572		XA347	63		XA348	63				16B	9			MSES5B	17			SAM	Z3				
09651		XA348	63		XA349	63				16B	9			MSES5B	18			SAM	Z3				
09730		XA349	63		XA350	63				16B	9			MSES5B	19			SAM	Z3				
09809		XA350	63		XA351	63				16B	9			MSES5B	20			SAM	Z3				
09892		XA351	63										K	MSES5B	21			SAM	Z3				
04855		XA151	63		XA251	63				16B	9			MSES5B	211			SAM	Z3				
										***	SIGNAL			(MSES5B)		IS ON THE					***		



DRAWING NUMBER 149304-800 STRING UNIT ASSEMBLY NO. 149304 REV G INDEX MSES5B  
 UNIT ASSEMBLY NAME CARD CAGE WIRED, MCU FILE IDENT T39AMCMU DATE 09-02-82 PAGE 165

DRAWING NUMBER		149304-800		STRING		UNIT ASSEMBLY NO.		149304		REV		G		INDEX		MSES5B									
UNIT ASSEMBLY NAME		CARD CAGE WIRED, MCU		STRING		FILE IDENT		T39AMCMU		DATE		09-02-82		PAGE		165									
RECORD NUMBER	PREFIX	CONNECTOR	PIN	SK FC	PREFIX	CONNECTOR	PIN	SK FC	MULT GROUP	CODE	COLOR	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	
07294		XA251	63		XA250	63				16B	9			MSES5B	22				SAM	Z3					
07212		XA250	63		XA249	63				16B	9			MSES5B	23				SAM	Z3					
07133		XA249	63		XA248	63				16B	9			MSES5B	24				SAM	Z3					
07054		XA248	63		XA247	63				16B	9			MSES5B	25				SAM	Z3					
06975		XA247	63		XA246	63				16B	9			MSES5B	26				SAM	Z3					
06896		XA246	63		XA245	63				16B	9			MSES5B	27				SAM	Z3					
06814		XA245	63		XA244	63				16B	9			MSES5B	28				SAM	Z3					
06735		XA244	63		XA243	63				16B	9			MSES5B	29				SAM	Z3					
06656		XA243	63	3	XA341	72		3		16B	9			MSES5B	30				SAM	Z3					
21883		XA341	72										K	MSES5B	301	MSEB50			TQ2	F2			34A		
21914		XA341	69	3	XA146	63		3		16B	9			MSES5B	303	MSEC50			TQ2	F3			35A		
04458		XA146	63		XA147	63				16B	9			MSES5B	31				SAM	Z3					
04537		XA147	63		XA148	63				16B	9			MSES5B	32				SAM	Z3					
04616		XA148	63		XA149	63				16B	9			MSES5B	33				SAM	Z3					
04695		XA149	63		XA150	63				16B	9			MSES5B	34				SAM	Z3					
04773		XA150	63		XA151	63				16B	9			MSES5B	35				SAM	Z3					
04854		XA151	63											MSES5B	36				SAM	Z3					
21969		XA339	33		XA340	03				16B	9			MSES6A	01	MSES6A	00	1	TQ2	C3			16B	SENSE STROBE 6 *	
21916		XA340	3		XA340	04				16B	9			MSES6A	02	MSEC60	01	1	TQ2	A3			02A		
21887		XA340	4		XA340	08				16B	9			MSES6A	03	MSEB60	01	1	TQ2	A2			04A		
21856		XA340	8											MSES6A	04	MSEA60	01	1	TQ2	A1			06A		
21919		XA340	09	3	XA443	66		3		16B	9			MSES6B	00	MSEC60			TQ2	A3			04B		
12724		XA443	66		XA444	66				16B	9			MSES6B	01				SAM	Z4					
12803		XA444	66		XA445	66				16B	9			MSES6B	02				SAM	Z4					
12882		XA445	66		XA446	66				16B	9			MSES6B	03				SAM	Z4					
12961		XA446	66		XA447	66				16B	9			MSES6B	04				SAM	Z4					
13040		XA447	66		XA448	66				16B	9			MSES6B	05				SAM	Z4					
13119		XA448	66		XA449	66				16B	9			MSES6B	06				SAM	Z4					
13198		XA449	66		XA450	66				16B	9			MSES6B	07				SAM	Z4					
13277		XA450	66		XA451	66				16B	9			MSES6B	08				SAM	Z4					
13357		XA451	66										K	MSES6B	09				SAM	Z4					
07298		XA251	66	3	XA351	66				16B	9			MSES6B	099				SAM	Z4					
09895		XA351	66		XA350	66				16B	9			MSES6B	10				SAM	Z4					
09812		XA350	66		XA349	66				16B	9			MSES6B	11				SAM	Z4					
09733		XA349	66		XA348	66				16B	9			MSES6B	12				SAM	Z4					
09654		XA348	66		XA347	66				16B	9			MSES6B	13				SAM	Z4					
09575		XA347	66		XA346	66				16B	9			MSES6B	14				SAM	Z4					
09496		XA346	66		XA345	66				16B	9			MSES6B	15				SAM	Z4					
09417		XA345	66		XA344	66				16B	9			MSES6B	16				SAM	Z4					
09338		XA344	66		XA343	66				16B	9			MSES6B	17				SAM	Z4					
09259		XA343	66		XA340	09				16B	9			MSES6B	18				SAM	Z4					
21972		XA340	09		XA340	01				16B	9			MSEC60	19	MSES6B	03	1	TQ2	A3			04B		
21970		XA340	01		XA340	06				16B	9		P	MSEB60	20	MSES6B	02	1	TQ2	A2			02B		
21971		XA340	06		XA243	66				16B	9		P	MSEA60	21	MSES6B	01	1	TQ2	A1			05A	SENSE STROBE 6	
06659		XA243	66		XA244	66				16B	9			MSES6B	22				SAM	Z4					
06738		XA244	66		XA245	66				16B	9			MSES6B	23				SAM	Z4					
06817		XA245	66		XA246	66				16B	9			MSES6B	24				SAM	Z4					
06899		XA246	66		XA247	66				16B	9			MSES6B	25				SAM	Z4					
										****				SIGNAL (MSES6B)											IS ON THE NEXT PAGE ****

DRAWING NUMBER 149304-800 STRING UNIT ASSEMBLY NO. 149304 REV G INDEX MSES6B  
 UNIT ASSEMBLY NAME CARD CAGE WIRED, MCU FILE IDENT T39AMCMU DATE 09-02-82 PAGE 166

RECORD NUMBER	FROM				TO				WIRE			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 PG	PREFIX	CONNECTOR	PIN	SH PG	MULTI GROUP	CODE	COLOR												IDENT
06978		XA247	66		XA248	66			168	9		MSES6B	26			SAM	Z4						
07057		XA248	66		XA249	66			168	9		MSES6B	27			SAM	Z4						
07136		XA249	66		XA250	66			168	9		MSES6B	28			SAM	Z4						
07215		XA250	66		XA251	66			168	9		MSES6B	29			SAM	Z4						
07297		XA251	66		XA151	66			168	9		MSES6B	30			SAM	Z4						
04858		XA151	66		XA150	66			168	9		MSES6B	31			SAM	Z4						
04776		XA150	66		XA149	66			168	9		MSES6B	32			SAM	Z4						
04698		XA149	66		XA148	66			168	9		MSES6B	33			SAM	Z4						
04619		XA148	66		XA147	66			168	9		MSES6B	34			SAM	Z4						
04540		XA147	66		XA146	66			168	9		MSES6B	35			SAM	Z4						
04461		XA146	66	3	XA340	01		3	168	9		MSES6B	36			SAM	Z4						
21886		XA340	01									MSES6B	37	MSEB60		TQ2	A2			02B			
21920		XA340	17		XA340	18			168	9		MSES7A	01	MSEC70	01	1	TQ2	B3		08B			
21891		XA340	18		XA340	24			168	9		MSES7A	02	MSEB70	01	1	TQ2	B2		10A			
21859		XA340	24		XA339	39			168	9		MSES7A	03	MSEA70	01	1	TQ2	B1		13A			
21975		XA339	39									MSES7A	04	MSES7A	00	1	TQ2	C4		19B		SENSE STROBE 7*	
21923		XA340	21	3	XA443	77		3	168	9		MSES7B	00	MSEC70			TQ2	B3		10B			
12735		XA443	77		XA444	77			168	9		MSES7B	01				SAM	Z4					
12814		XA444	77		XA445	77			168	9		MSES7B	02				SAM	Z4					
12893		XA445	77		XA446	77			168	9		MSES7B	03				SAM	Z4					
12972		XA446	77		XA447	77			168	9		MSES7B	04				SAM	Z4					
13051		XA447	77		XA448	77			168	9		MSES7B	05				SAM	Z4					
13130		XA448	77		XA449	77			168	9		MSES7B	06				SAM	Z4					
13209		XA449	77		XA450	77			168	9		MSES7B	07				SAM	Z4					
13288		XA450	77		XA451	77			168	9		MSES7B	08				SAM	Z4					
13368		XA451	77		XA351	77			188	9		MSES7B	09				SAM	Z4					
09907		XA351	77								K	MSES7B	092				SAM	Z4					
07310		XA251	77	1	XA351	77		1	168	9		MSES7B	099				SAM	Z4					
09906		XA351	77		XA350	77			188	9		MSES7B	10				SAM	Z4					
09823		XA350	77		XA349	77			168	9		MSES7B	11				SAM	Z4					
09744		XA349	77		XA348	77			168	9		MSES7B	12				SAM	Z4					
09665		XA348	77		XA347	77			168	9		MSES7B	13				SAM	Z4					
09586		XA347	77		XA346	77			168	9		MSES7B	14				SAM	Z4					
09507		XA346	77		XA345	77			168	9		MSES7B	15				SAM	Z4					
09428		XA345	77		XA344	77			168	9		MSES7B	16				SAM	Z4					
09349		XA344	77		XA343	77			168	9		MSES7B	17				SAM	Z4					
09270		XA343	77		XA340	21			168	9		MSES7B	18				SAM	Z4					
21977		XA340	21		XA340	22			168	9		MSEC70	19				SAM	Z4					
21978		XA340	22		XA340	14			168	9	P	MSEA70	20	MSES7B	01	1	TQ2	B1		12A		SENSE STROBE 7	
21976		XA340	14		XA243	77			168	9	P	MSEB70	21	MSES7B	02	1	TQ2	B2		09A			
06670		XA243	77		XA244	77			168	9		MSES7B	22				SAM	Z4					
06749		XA244	77		XA245	77			168	9		MSES7B	23				SAM	Z4					
06828		XA245	77		XA246	77			168	9		MSES7B	24				SAM	Z4					
06910		XA246	77		XA247	77			168	9		MSES7B	25				SAM	Z4					
06989		XA247	77		XA248	77			168	9		MSES7B	26				SAM	Z4					
07068		XA248	77		XA249	77			168	9		MSES7B	27				SAM	Z4					
07147		XA249	77		XA250	77			168	9		MSES7B	28				SAM	Z4					
07226		XA250	77	3	XA251	77		3	168	9		MSES7B	29				SAM	Z4					
									****		SIGNAL	MSES7B								IS ON THE		NEXT PAGE	****

DRAWING NUMBER 149304-800 STRING UNIT ASSEMBLY NO. 149304 REV G INDEX MSES7B  
 UNIT ASSEMBLY NAME CARD CAGE WIRED, MCU FILE IDENT T39AMCMU DATE 09-02-82 PAGE 167

RECORD NUMBER	FROM				TO				WIRE				SFC 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
	PREFIX	CONNECTOR	PIN	RELOC	PREFIX	CONNECTOR	PIN	SEN TO	MULTI GROUP	CODE	COLOR	IDENT												
07309		XA251	77		XA151	77			168	9			MSES7B	30					SAM	Z4				
04869		XA151	77		XA150	77			168	9			MSES7B	31					SAM	Z4				
04787		XA150	77		XA149	77			168	9			MSES7B	32					SAM	Z4				
04709		XA149	77		XA148	77			168	9			MSES7B	33					SAM	Z4				
04630		XA148	77		XA147	77			168	9			MSES7B	34					SAM	Z4				
04551		XA147	77		XA146	77			168	9			MSES7B	35					SAM	Z4				
04472		XA146	77	3	XA340	14	3		168	9			MSES7B	36					SAM	Z4				
21890		XA340	14										MSES7B	37	MSEB70				TQ2	B2		09A		
22027		XA341	11		XA340	38			168	9			MSSA0A	01	MSS000	01	1	TQ2	A4			05B		
21979		XA340	38										MSSA0A	02	MSSA0A	00	1	TQ2	C1			18A	A SEN STRB 0 DEC *	
22030		XA341	23		XA340	33			168	9			MSSA1A	01	MSS010	01	1	TQ2	B4			11B		
21984		XA340	33										MSSA1A	02	MSSA1A	00	1	TQ2	C3			16B	A SEN STRB 1 DEC *	
22033		XA341	35		XA340	52			168	9			MSSA2A	01	MSS020	01	1	TQ2	C4			17B		
21985		XA340	52										MSSA2A	02	MSSA2A	00	1	TQ2	D1			24A	A SEN STRB 2 DEC *	
22036		XA341	47		XA340	45			168	9			MSSA3A	01	MSS030	01	1	TQ2	D4			25B		
21990		XA340	45										MSSA3A	02	MSSA3A	00	1	TQ2	D3			24B	A SEN STRB 3 DEC *	
22039		XA341	59		XA340	66			168	9			MSSA4A	01	MSS040	01	1	TQ2	E4			31B		
21991		XA340	66										MSSA4A	02	MSSA4A	00	1	TQ2	E1			31A	A SEN STRB 4 DEC *	
21996		XA340	57		XA341	76			168	9			MSSA5A	01	MSSA5A	00	1	TQ2	E3			30B	A SEN STRB 5 DEC *	
22042		XA341	76										MSSA5A	02	MSS050	01	1	TQ2	F4			37A		
21997		XA339	06		XA340	11			168	9			MSSA6A	01	MSSA6A	00	1	TQ2	A1			05A	A SEN STRB 6 DEC*	
22045		XA340	11										MSSA6A	02	MSS060	01	1	TQ2	A4			05B		
22048		XA340	23		XA339	09			168	9			MSSA7A	01	MSS070	01	1	TQ2	B4			11B		
22002		XA339	09										MSSA7A	02	MSSA7A	00	1	TQ2	A3			04B	A SEN STRB 7 DEC*	
22028		XA341	13		XA340	30			168	9			MSSB0A	01	MSS000	01	2	TQ2	A4			06B		
22003		XA340	30										MSSB0A	02	MSSB0A	00	1	TQ2	C2			15A	B SEN STRB 0 DEC *	
22031		XA341	25		XA340	39			168	9			MSSB1A	01	MSS010	01	2	TQ2	B4			12B		
22008		XA340	39										MSSB1A	02	MSSB1A	00	1	TQ2	C4			19B	B SEN STRB 1 DEC *	
22009		XA340	46		XA341	37			168	9			MSSB2A	01	MSSB2A	00	1	TQ2	D2			21A	B SEN STRB 2 DEC *	
22034		XA341	37										MSSB2A	02	MSS020	01	2	TQ2	C4			18B		
22014		XA340	51		XA341	49			168	9			MSSB3A	01	MSSB3A	00	1	TQ2	D4			27B	B SEN STRB 3 DEC *	
22037		XA341	49										MSSB3A	02	MSS030	01	2	TQ2	D4			26B		
22015		XA340	60		XA341	61			168	9			MSSB4A	01	MSSB4A	00	1	TQ2	E2			28A	B SEN STRB 4 DEC *	
22040		XA341	61										MSSB4A	02	MSS040	01	2	TQ2	E4			32B		
22043		XA341	78		XA340	63			168	9			MSSB5A	01	MSS050	01	2	TQ2	F4			38A		
22020		XA340	63										MSSB5A	02	MSSB5A	00	1	TQ2	F4			33B	B SEN STRB 5 DEC *	

DRAWING NUMBER 149304-800 STRING UNIT ASSEMBLY NO. 149304 REV G INDEX MSSB5A  
 UNIT ASSEMBLY NAME CARD CAGE WIRED, MCU FILE IDENT T39AMCMU DATE 09-02-82 PAGE 168

RECORD NUMBER	FROM				TO				WIRE			SFC 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
	PREFIX	CONNECTOR	PIN	SERIAL	PREFIX	CONNECTOR	PIN	SERIAL	MULTI GROUP	CODE	COLOR												
22021 22046		XA339 XA340	01 13		XA340	13				168	9		MSSB6A MSSB6A	01 02	MSSB6A MSS060	00 01	1 2	TQ2 TQ2	A2 A4		02B 06B	B SEN STRB 6 DEC*	
22049 22026		XA340 XA339	25 15		XA339	15				168	9		MSSB7A MSSB7A	01 02	MSS070 MSSB7A	01 00	2 1	TQ2 TQ2	B4 A4		12B 07B	B SEN STRB 7 DEC *	
21932 22029		XA339 XA341	24 15		XA341	15				168	9		MSS000 MSS000	01 02	MSES0A MSS000	01 00	1 1	TQ2 TQ2	B1 A4		13A 07B	SENSE STROBE 0 DEC	
22032 21938		XA341 XA339	27 18		XA339	18				168	9		MSS010 MSS010	01 02	MSS010 MSES1A	00 01	1 1	TQ2 TQ2	B4 B2		13B 10A	SENSE STROBE 1 DEC	
21943 22035		XA339 XA341	17 39		XA341	39				168	9		MSS020 MSS020	01 02	MSES2A MSS020	01 00	1 1	TQ2 TQ2	B3 C4		08B 19B	SENSE STROBE 2 DEC	
22038 21949		XA341 XA339	51 23		XA339	23				168	9		MSS030 MSS030	01 02	MSS030 MSES3A	00 01	1 1	TQ2 TQ2	D4 B4		27B 11B	SENSE STROBE 3 DEC	
21956 22041		XA339 XA341	40 63		XA341	63				168	9		MSS040 MSS040	01 02	MSES4A MSS040	01 00	1 1	TQ2 TQ2	C1 E4		19A 33B	SENSE STROBE 4 DEC	
22044 21962		XA341 XA339	80 34		XA339	34				168	9		MSS050 MSS050	01 02	MSS050 MSES5A	00 01	1 1	TQ2 TQ2	E4 C2		39A 16A	SENSE STROBE 5 DEC	
21967 22047		XA339 XA340	29 15		XA340	15				168	9		MSS060 MSS060	01 02	MSES6A MSS060	01 00	1 1	TQ2 TQ2	C3 A4		14B 07B	SENSE STROBE 6 DEC	
22050 21973		XA340 XA339	27 35		XA339	35				168	9		MSS070 MSS070	01 02	MSS070 MSES7A	00 01	1 1	TQ2 TQ2	B4 C4		13B 17B	SENSE STROBE 7 DEC	
22051 22247		XA234 XA230	22 52		XA230	52				168	9		MTAMRA MTAMRA	01 02	MTAMRA MTRSTP	00 01	1 1	TQ2 TDD	B1 GP		12A 24A	TMNG GEN RESET *	
22057 22052		XA225 XA234	80 24		XA234	24				168	9		MTAMRO MTAMRO	01 02	MTAMRO MTAMRA	00 01	1 1	TT3 TQ2	E3 B1		39A 13A	TIM GEN RESET	
22059 06561		XA235 XA242	08 48		XA242	48				168	9		MTCLKA MTCLKA	01 02	MTCLKO MTCLKO	01 01	1 1	TQ2 OSC	A1 B6		06A		
22072 22075 22068 22065 22058		XA234 XA234 XA234 XA234 XA235	40 34 23 17 06		XA234 XA234 XA234 XA235	34 23 17 06				168 168 168 168 168	9 9 9 9 9		MTCLKO MTCLKO MTCLKO MTCLKO MTCLKO	01 02 03 04 05	MTCP3A MTCP4A MTCP2A MTCPIA MTCLKO	01 01 01 01 00	1 1 1 1 1	TQ2 TQ2 TQ2 TQ2 TQ2	C1 C2 B4 B3 A1		19A 16A 11B 08B 05A	TMNG GEN CLK *	
22103 22097 22127		XA231 XA232 XA231	01 01 14		XA232 XA231 XA231	01 14 10				168 168 168	9 9 9		MTCPAR MTCPAR MTCPAR	01 02 03	MTC03N MTC02N MTC07N	01 01 01	1 1 1	TDD TDD TDD	BN BN DN		02B 02B 09A		
*** SIGNAL (MTCPAR) IS ON THE NEXT PAGE ***																							

DRAWING NUMBER 149304-800 STRING  
 UNIT ASSEMBLY NAME CARD CAGE WIRED, MCU

UNIT ASSEMBLY NO. 149304  
 FILE IDENT T39AMCMU

REV G INDEX MTCPAB  
 DATE 09-02-82 PAGE 169

RECORD NUMBER	FROM				TO				WIRE				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
	PREFIX	CONNECTOR	PIN	SH 70	PREFIX	CONNECTOR	PIN	SH 70	MULTI GROUP	CODE	COLOR	IDENT												
22091		XA231	10		XA232	10			16B	9			MTCPAB	04	MTC01N	01	1	TDD	AN		07A			
22085		XA232	10		XA232	14			16B	9			MTCPAB	05	MTC00N	01	1	TDD	AN		07A			
22121		XA232	14		XA234	21			16B	9			MTCPAB	06	MTC06N	01	1	TDD	DN		09A			
22061		XA234	21		XA234	27			16B	9		P	MTCP1A	07	MTCPAB	01	1	TQ2	B3		10B	TMNG GEN CLK A		
22062		XA234	27		XA232	30			16B	9		P	MTCP2A	08	MTCPAB	01	2	TQ2	B4		13B			
22145		XA232	30		XA232	26			16B	9			MTCPAB	09	MTC10N	01	1	TDD	FN		15A			
22109		XA232	26		XA231	26			16B	9			MTCPAB	10	MTC04N	01	1	TDD	CN		14A			
22115		XA231	26		XA231	30			16B	9			MTCPAB	11	MTC05N	01	1	TDD	CN		14A			
22151		XA231	30		XA231	42			16B	9			MTCPAB	12	MTC11N	01	1	TDD	FN		15A			
22139		XA231	42		XA232	42			16B	9			MTCPAB	13	MTC09N	01	1	TDD	EN		20A			
22133		XA232	42										MTCPAB	14	MTC08N	01	1	TDD	EN		20A			
22063		XA234	30		XA234	38			16B	9		P	MTCP4A	01	MTCPBB	01	2	TQ2	C2		15A			
22064		XA234	38		XA232	46			16B	9		P	MTCP3A	02	MTCPBB	01	1	TQ2	C1		18A	TMNG GEN CLK B		
22169		XA232	46		XA232	56			16B	9			MTCPBB	03	MTC14N	01	1	TDD	HN		21A			
22157		XA232	56		XA231	56			16B	9			MTCPBB	04	MTC12N	01	1	TDD	GN		26A			
22163		XA231	56		XA231	60			16B	9			MTCPBB	05	MTC13N	01	1	TDD	GN		26A			
22193		XA231	60		XA230	60			16B	9			MTCPBB	06	MTC18N	01	1	TDD	KN		28A			
22199		XA230	60		XA230	56			16B	9			MTCPBB	07	MTC19N	01	1	TDD	KN		28A			
22245		XA230	56		XA230	46			16B	9			MTCPBB	08	MTR5N	01	1	TDD	GN		26A			
22175		XA230	46		XA230	70			16B	9			MTCPBB	09	MTC15N	01	1	TDD	HN		21A			
22187		XA230	70		XA231	72			16B	9			MTCPBB	10	MTC17N	01	1	TDD	JN		33A			
22217		XA231	72		XA231	70			16B	9			MTCPBB	12	MTC22N	01	1	TDD	MN		34A			
22181		XA231	70		XA231	79			16B	9			MTCPBB	13	MTC16N	01	1	TDD	JN		33A			
22205		XA231	79		XA230	79			16B	9			MTCPBB	14	MTC20N	01	1	TDD	LN		39B			
22211		XA230	79										MTCPBB	15	MTC21N	01	1	TDD	LN		39B			
22067		XA234	21									J	MTCP1A	01	MTCP1A	00	1	TQ2	B3		10B	MTCPAB BUSS		
22070		XA234	27									J	MTCP2A	01	MTCP2A	00	1	TQ2	B4		13B	MTCPAB BUSS		
22071		XA234	38									J	MTCP3A	01	MTCP3A	00	1	TQ2	C1		18A	MTCPBB BUSS		
22074		XA234	30									J	MTCP4A	01	MTCP4A	00	1	TQ2	C2		15A	MTCPBB BUSS		
22077		XA240	50		XA233	19			16B	9			MTC0NR	01	MTC0NR	00	1	TT3	D1		23A	TMNG GEN CONTROL *		
22082		XA233	19										MTC0NR	02	MTC0NS	01	2	TQ2	B3		09B			
22084		XA232	08		XA233	21			16B	9			MTC0NS	01	MTC00I	01	1	TDD	AI		06A			
22083		XA233	21		XA240	52			16B	9			MTC0NS	02	MTC0NS	00	1	TQ2	B3		10B	TMNG GEN CONTROL		
22078		XA240	52										MTC0NS	03	MTC0NR	01	1	TT3	D1		24A			
21183		XA337	01		XA337	61			16B	9			MTC00P	00	MPPASA	01	1	TS8	A1		02B			
22278		XA337	61		XA239	73			16B	9			MTC00P	01	MISRTA	01	3	TS8	E1		32B			
21019		XA239	73		XA236	46			16B	9			MTC00P	02	MPANTA	01	3	TD4	F2		36B			
21156		XA236	46		XA232	11			16B	9			MTC00P	04	MPMRBA	01	2	TY3	D2		21A			
22087		XA232	11										MTC00P	05	MTC00P	00	1	TDD	AP		05B	TMNG STEP 0 *		
22090		XA231	08		XA232	13			16B	9			MTC00Q	01	MTC01I	01	1	TDD	AI		06A			
22088		XA232	13		XA235	41			16B	9			MTC00Q	02	MTC00Q	00	1	TDD	AQ		06B	TMNG STEP 0		
									****				SIGNAL	(MTC00Q)									IS ON THE NEXT PAGE ****	

DRAWING NUMBER 149304-800 STRING UNIT ASSEMBLY NO. 149304 REV G INDEX MTC00Q  
 UNIT ASSEMBLY NAME CARD CAGE WIRED, MCU FILE IDENT T39AMCMU DATE 09-02-82 PAGE 170

RECORD NUMBER	FROM				TO				WIRE			SFC INST. LABEL	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	DR. PC	PREFIX	CONNECTOR	PIN	DR. PC	MULTI-GROUP	CODE	COLOR													IDENT
23214		XA235	41		XA235	53				168	9		MTC00Q	03	MWENTA	01	1	TQ2	D3		22B			
21432		XA235	53		XA235	62				168	9		MTC00Q	04	MRACCA	01	1	TQ2	E3		28B			
21430		XA235	62		XA235	68				168	9		MTC00Q	05	MRACBA	01	1	TQ2	E2		29A			
21427		XA235	68		XA236	68				168	9		MTC00Q	06	MRACAA	01	1	TQ2	E1		32A			
22289		XA236	68		XA238	11				168	9		MTC00Q	07	MTSWTA	01	2	TT3	E1		32A			
23251		XA238	11		XA238	03				168	9		MTC00Q	08	MWPDAA	01	1	TQ2	A4		05B			
23248		XA238	03										MTC00Q	09	MWPDAA	01	1	TQ2	A3		02A			
22994		XA236	11		XA236	61				168	9		MTC01P	00	MUWDTA	01	2	TT3	A3		05B			
23499		XA236	61		XA235	54				168	9		MTC01P	00G	MWMDTA	01	3	TT3	E3		32B			
23040		XA235	54		XA235	70				168	9		MTC01P	00M	MUWSTA	01	1	TQ2	DI		25A			
21428		XA235	70		XA235	64				168	9		MTC01P	01	MRACAA	01	2	TQ2	E1		33A			
21431		XA235	64		XA235	55				168	9		MTC01P	02	MRACBA	01	2	TQ2	E2		30A			
21433		XA235	55		XA231	11				168	9		MTC01P	03	MRACCA	01	2	TQ2	E3		29B			
22093		XA231	11										MTC01P	04	MTC01P	00	1	TDD	AP		05B		TMNG STEP 1 *	
22096		XA232	05		XA231	13				168	9		MTC01Q	01	MTC02I	01	1	TDD	BI		03B			
22094		XA231	13		XA234	59				168	9		MTC01Q	02	MTC01Q	00	1	TDD	AQ		06B		TMNG STEP 1	
22250		XA234	59		XA239	75				168	9		MTC01Q	03	MTR01A	01	1	TQ2	E4		31B			
21405		XA239	75										MTC01Q	04	MPS2AA	01	1	TD4	E1		37B			
22251		XA234	61		XA232	09				168	9		MTC02P	02	MTR01A	01	2	TQ2	E4		32B			
22099		XA232	09										MTC02P	03	MTC02P	00	1	TDD	BP		04B		TMNG STEP 2 *	
22102		XA231	05		XA232	07				168	9		MTC02Q	01	MTC03I	01	1	TDD	BI		03B			
22101		XA232	07										MTC02Q	02	MTC02Q	00	1	TDD	BQ		03A		TMNG STEP 2	
22107		XA231	07		XA232	24				168	9		MTC03Q	01	MTC03Q	00	1	TDD	BQ		03A		TMNG STEP 3	
22108		XA232	24		XA235	35				168	9		MTC03Q	02	MTC04I	01	1	TDD	CI		13A			
22833		XA235	35		XA235	29				168	9		MTC03Q	03	MURSTA	01	1	TQ2	C4		17B			
23283		XA235	29		XA236	24				168	9		MTC03Q	04	MWRETA	01	1	TQ2	C3		14B			
22786		XA236	24		XA235	04				168	9		MTC03Q	05	MURDTA	01	2	TT3	B1		13A			
23326		XA235	04							168	9		MTC03Q	06	MWSETA	01	1	TQ2	A2		04A			
21407		XA239	77		XA232	23				168	9		MTC04P	01	MPS2AA	01	2	TD4	F1		38B			
22111		XA232	23										MTC04P	04	MTC04P	00	1	TDD	CP		11B		TMNG STEP 4 *	
22114		XA231	24		XA232	25				168	9		MTC04Q	01	MTC05I	01	1	TDD	CI		13A			
22112		XA232	25										MTC04Q	02	MTC04Q	00	1	TDD	CQ		12B		TMNG STEP 4	
22291		XA234	71		XA231	23				168	9		MTC05P	01	MTH05A	01	1	TQ2	F2		36A			
22117		XA231	23										MTC05P	02	MTC05P	00	1	TDD	CP		11B		TMNG STEP 5 *	
22118		XA231	25		XA232	18				168	9		MTC05Q	01	MTC05Q	00	1	TDD	CQ		12B		TMNG STEP 5	
22120		XA232	18		XA237	08				168	9		MTC05Q	02	MTC06I	01	1	TDD	DI		10A			
22239		XA237	08		XA236	60				168	9		MTC05Q	03	MTRINA	01	1	TQ2	A1		06A			
21394		XA236	60		XA234	78				168	9		MTC05Q	05	MPSBRR	01	2	TT3	E2		28A			
21387		XA234	78		XA234	77				168	9		MTC05Q	06	MPSBGA	01	2	TQ2	E4		38A			
22257		XA234	77										MTC05Q	07	MTR05A	01	1	TQ2	F1		38B			
													****	SIGNAL	(MTC06P)			IS ON THE	NEXT PAGE	****				

DRAWING NUMBER 149304-800 STRING UNIT ASSEMBLY NO. 149304 REV G INDEX MTC06P  
 UNIT ASSEMBLY NAME CARD CAGE WIRED, MCU FILE IDENT T39AMCMU DATE 09-02-82 PAGE 171

RECORD NUMBER	FROM				TO				WIRE				SFC 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	
	PREFIX	CONNECTOR	PIN	SFC	PREFIX	CONNECTOR	PIN	SFC	MULTI GROUP	CODE	COLOR	IDENT													
22258		XA234	79		XA232	21			16B	9			MTC06P	01	MTR05A	01	2	TQ2	F1		39B	TMNG STEP 6 *			
22123		XA232	21		XA234	53			16B	9			MTC06P	02	MTC06P	00	1	TDD	DP		10B				
22272		XA234	53						16B	9			MTC06P	03	MTR21A	01	1	TQ2	E3		28B				
22263		XA236	17		XA231	18			16B	9			MTC06Q	01	MTR06A	01	2	TT3	B2		08B	TMNG STEP 6			
22126		XA231	18		XA232	19			16B	9			MTC06Q	02	MTC07I	01	1	TDD	DI		10A				
22125		XA232	19		XA234	73			16B	9			MTC06Q	03	MTC06Q	00	1	TDD	DQ		09B				
22293		XA234	73						16B	9			MTC06Q	04	MTW05A	01	2	TQ2	F2		36B				
22129		XA231	21		XA236	18			16B	9			MTC07P	01	MTC07P	00	1	TDD	DP		10B	TMNG STEP 7 *			
22264		XA236	18										MTC07P	02	MTR06A	01	3	TT3	B2		10A				
22273		XA234	55		XA232	40			16B	9			MTC07Q	00	MTR21A	01	2	TQ2	E3		29B	TMNG STEP 7			
22132		XA232	40		XA231	19			16B	9			MTC07Q	01	MTC08I	01	1	TDD	EI		19A				
22131		XA231	19										MTC07Q	02	MTC07Q	00	1	TDD	DQ		09B				
22134		XA232	35		XA335	78			16B	9			MTC08P	01	MTC08P	00	1	TDD	EP		17B	TMNG STEP 8 *			
21767		XA335	78										MTC08P	02	MRM1TA	01	3	TT3	F3		38A				
22138		XA231	40		XA232	37			16B	9			MTC08Q	01	MTC09I	01	1	TDD	EI		19A	TMNG STEP 8			
22136		XA232	37		XA236	03			16B	9			MTC08Q	02	MTC08Q	00	1	TDD	EQ		18B				
23295		XA236	03						16B	9			MTC08Q	03	MWRSTA	01	2	TT3	A2		02A				
22995		XA236	13		XA236	59			16B	9			MTC09Q	00	MUWDTA	01	3	TT3	A3		06B	TMNG STEP 9			
23498		XA236	59		XA235	56			16B	9			MTC09Q	00G	MWOTA	01	2	TT3	E3		31B				
23041		XA235	56		XA232	34			16B	9			MTC09Q	00M	MUWSTA	01	2	TQ2	D1		26A				
22144		XA232	34		XA231	37			16B	9			MTC09Q	01	MTC10I	01	1	TDD	FI		16A				
22142		XA231	37										MTC09Q	02	MTC09Q	00	1	TDD	EQ		18B				
22146		XA232	33		XA236	08			16B	9			MTC10P	01	MTC10P	00	1	TDD	EP		16B		TMNG STEP 10 *		
23246		XA236	08										MTC10P	02	MWPBDA	01	2	TT3	A1		06A				
22149		XA232	31		XA231	34			16B	9			MTC10Q	01	MTC10Q	00	1	TDD	FQ		15B	TMNG STEP 10			
22150		XA231	34										MTC10Q	02	MTC11I	01	1	TDD	FI		16A				
22155		XA231	31		XA232	54			16B	9			MTC11Q	01	MTC11Q	00	1	TDD	EQ		15B	TMNG STEP 11			
22156		XA232	54										MTC11Q	02	MTC12I	01	1	TDD	GI		25A				
22158		XA232	47		XA233	53			16B	9			MTC12P	01	MTC12P	00	1	TDD	GP		25B	TMNG STEP 12 *			
22717		XA233	53		XA233	59			16B	9			MTC12P	02	MUPDBA	01	1	TQ2	E3		28B				
22720		XA233	59		XA233	62			16B	9			MTC12P	03	MUPDCA	01	1	TQ2	E4		31B				
22715		XA233	62										MTC12P	04	MUPDAA	01	1	TQ2	E2		29A				
22162		XA231	54		XA232	49			16B	9			MTC12Q	01	MTC13I	01	1	TDD	GI		25A				
22160		XA232	49										MTC12Q	02	MTC12Q	00	1	TDD	GQ		26B	TMNG STEP 12			
22164		XA231	47		XA234	18			16B	9			MTC13P	01	MTC13P	00	1	TDD	GP		25B		TMNG STEP 13 *		
22285		XA234	18										MTC13P	02	MTPA	01	1	TQ2	B2		10A				
22168		XA232	48		XA231	49			16B	9			MTC13Q	02	MTC14I	01	1	TDD	HI		22A				
												****	SIGNAL	MTC13Q	IS ON THE NEXT PAGE										****

DRAWING NUMBER 149304-800 STRING UNIT ASSEMBLY NO. 149304 REV G INDEX MTC13Q  
 UNIT ASSEMBLY NAME CARD CAGE WIRED, MCU FILE IDENT T39AMCMU DATE 09-02-82 PAGE 172

RECORD NUMBER	FROM				TO				WIRE				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 FT	PREFIX	CONNECTOR	PIN	SH FT	MULTI GROUP	CODE	COLOR	IDENT												
22166		XA231	49										MTC13Q	03	MTC13Q	00	1	TDD	GQ		26B	TMNG STEP 13		
22174		XA230	48		XA232	43				16B	9		MTC14Q	03	MTC15I	01	1	TDD	HI		22A	TMNG STEP 14		
22173		XA232	43		XA236	10				16B	9		MTC14Q	04	MTC14Q	00	1	TDD	HQ		23B			
23247		XA236	10		XA233	64				16B	9		MTC14Q	06	MWPBDA	01	3	TT3	A1		07A			
22716		XA233	64		XA233	55				16B	9		MTC14Q	07	MUPDAA	01	2	TQ2	E2		30A			
22718		XA233	55		XA233	61				16B	9		MTC14Q	08	MUPDBA	01	2	TQ2	E3		29B			
22721		XA233	61		XA234	20				16B	9		MTC14Q	09	MUPDCA	01	2	TQ2	F4		32B			
22286		XA234	20							16B	9		MTC14Q	10	MTSTPA	01	2	TQ2	B2		11A			
22180		XA231	68		XA230	43				16B	9		MTC15Q	01	MTC16I	01	1	TDD	JI		32A	TMNG STEP 15		
22179		XA230	43							16B	9		MTC15Q	02	MTC15Q	00	1	TDD	HQ		23B			
22184		XA231	61		XA230	68				16B	9		MTC16Q	03	MTC16Q	00	1	TDD	JQ		32B	TMNG STEP 16		
22186		XA230	68		XA237	54				16B	9		MTC16Q	04	MTC17I	01	1	TDD	JI		32A			
21367		XA237	54		XA240	45				16B	9		MTC16Q	05	MPREDA	01	1	TQ2	D1		25A			
21924		XA240	45							16B	9		MTC16Q	06	MSENTA	01	1	TT3	D3		24B			
22269		XA235	47		XA231	62				16B	9		MTC17Q	005	MTR13A	01	1	TQ2	D4		25B			
22192		XA231	62		XA230	61				16B	9		MTC17Q	01	MTC18I	01	1	TDD	KI		29A			
22190		XA230	61							16B	9		MTC17Q	02	MTC17Q	00	1	TDD	JQ		32B	TMNG STEP 17		
22194		XA231	57		XA235	49				16B	9		MTC18P	01	MTC18P	00	1	TDD	KP		30B	TMNG STEP 18 *		
22270		XA235	49		XA240	47				16B	9		MTC18P	02	MTR13A	01	2	TQ2	D4		26B			
21925		XA240	47							16B	9		MTC18P	03	MSENTA	01	2	TT3	D3		25B			
22198		XA230	62		XA231	55				16B	9		MTC18Q	01	MTC19I	01	1	TDD	KI		29A	TMNG STEP 18		
22197		XA231	55							16B	9		MTC18Q	02	MTC18Q	00	1	TDD	KQ		29B			
22200		XA230	57		XA235	37				16B	9		MTC19P	01	MTC19P	00	1	TDD	KP		30B	TMNG STEP 19 *		
22834		XA235	37		XA235	31				16B	9		MTC19P	02	MURSTA	01	2	TQ2	C4		18B			
23284		XA235	31		XA236	26				16B	9		MTC19P	03	MWBETA	01	2	TQ2	C3		15B			
22787		XA236	26		XA235	05				16B	9		MTC19P	04	MURDTA	01	3	TT3	B1		14A			
23327		XA235	05		XA236	05				16B	9		MTC19P	05	MWSETA	01	2	TQ2	A2		03B			
23296		XA236	05							16B	9		MTC19P	06	MWRSTA	01	3	TT3	A2		03B			
22204		XA231	77		XA230	55				16B	9		MTC19Q	01	MTC20I	01	1	TDD	LI		38B	TMNG STEP 19		
22203		XA230	55		XA236	47				16B	9		MTC19Q	02	MTC19Q	00	1	TDD	KQ		29B			
21411		XA236	47							16B	9		MTC19Q	03	MPS2BA	01	2	TT3	D3		25B			
22210		XA230	77		XA231	78				16B	9		MTC20Q	01	MTC21I	01	1	TDD	LI		38B	TMNG STEP 20		
22208		XA231	78							16B	9		MTC20Q	02	MTC20Q	00	1	TDD	LQ		38A			
22214		XA230	78		XA231	71				16B	9		MTC21Q	01	MTC21Q	00	1	TDD	LQ		38A	TMNG STEP 21		
22216		XA231	71		XA238	13				16B	9		MTC21Q	02	MTC22I	01	1	TDD	MI		36A			
23252		XA238	13		XA238	07				16B	9		MTC21Q	04	MWPDBA	01	2	TQ2	A4		06B			
23249		XA238	07							16B	9		MTC21Q	05	MWPDAA	01	2	TQ2	A3		03A			
21184		XA337	04		XA337	62				16B	9		MTC22P	01	MPPASA	01	2	TS8	A1		04A			
22279		XA337	62		XA239	74				16B	9		MTC22P	02	MTRSTA	01	4	IS8	E1		29A			
										****	SIGNAL	(MTC22P)			IS ON THE						****			



DRAWING NUMBER 149304-800 STRING  
 UNIT ASSEMBLY NAME CARD CAGE WIRED, MCU

UNIT ASSEMBLY NO. 149304  
 FILE IDENT T39AMCMU

REV G INDEX MTC22P  
 DATE 09-02-82 PAGE 173

RECORD NUMBER	FROM			TO			WIRE				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											
21020		XA239	74		XA237	56		168	9		MTC22P	03	MPANTA	01	4	TD4	F2		35B		
21368		XA237	56		XA237	10		168	9		MTC22P	04	MPREDA	01	2	TQ2	D1		26A		
22240		XA237	10		XA236	48		168	9		MTC22P	05	MTRINA	01	2	TQ2	A1		07A		
21157		XA236	48		XA235	43		168	9		MTC22P	06	MPMRBA	01	3	TT3	D2		22A		
23215		XA235	43		XA236	49		168	9		MTC22P	07	MWENTA	01	2	TQ2	D3		23B		
21412		XA236	49		XA231	69		168	9		MTC22P	08	MPS2BA	01	3	TT3	D3		26B		
22218		XA231	69								MTC22P	09	MTC22P	00	1	TDD	MP		35A		TMNG STEP 22 *
22221		XA231	74		XA236	70		168	9		MTC22Q	02	MTC22Q	00	1	TDD	MQ		35B		TMNG STEP 22
22290		XA236	70					168	9		MTC22Q	03	MTSMTA	01	3	TT3	E1		33A		
22153		XA231	36		XA231	38		168	9		MTMRAB	01	MTC11P	01	1	TDD	FP		17A		
22141		XA231	38		XA232	38		168	9		MTMRAB	02	MTC09P	01	1	TDD	EP		18A		
22135		XA232	38		XA232	36		168	9		MTMRAB	03	MTC08P	01	1	TDD	EP		18A		
22147		XA232	36		XA232	22		168	9		MTMRAB	04	MTC10P	01	1	TDD	FP		17A		
22110		XA232	22		XA232	20		168	9		MTMRAB	05	MTC04P	01	1	TDD	CP		12A		
22122		XA232	20		XA231	20		168	9		MTMRAB	06	MTC06P	01	1	TDD	DP		11A		
22128		XA231	20		XA231	22		168	9		MTMRAB	07	MTC07P	01	1	TDD	DP		11A		
22116		XA231	22		XA231	06		168	9		MTMRAB	08	MTC05P	01	1	TDD	CP		12A		
22092		XA231	06		XA231	04		168	9		MTMRAB	09	MTC01P	01	1	TDD	AP		05A		
22104		XA231	04		XA232	04		168	9		MTMRAB	10	MTC03P	01	1	TDD	BP		04A		
22098		XA232	04		XA232	06		168	9		MTMRAB	11	MTC02P	01	1	TDD	BP		04A		
22086		XA232	06		XA234	01		168	9		MTMRAB	12	MTC00P	01	1	TDD	AP		05A		
22222		XA234	01		XA234	06		168	9	P	MTMR2A	13	MTMRAB	01	2	TQ2	A2		02B		
22223		XA234	06		XA233	73		168	9	P	MTMR1A	14	MTMRAB	01	1	TQ2	A1		05A		TMNG GEN RESET *
21114		XA233	73		XA239	79		168	9		MTMRAB	15	MPENTR	01	2	TQ2	F2		36B		
21409		XA239	79					168	9		MTMRAB	16	MPS2AA	01	4	TD4	F1		39B		
22212		XA230	75		XA231	75		168	9		MTMRBB	02	MTC21P	01	1	TDD	LP		37B		
22206		XA231	75		XA231	73		168	9		MTMRBB	03	MTC20P	01	1	TDD	LP		37B		
22219		XA231	73		XA231	64		168	9		MTMRBB	04	MTC22P	01	1	TDD	MP		36B		
22195		XA231	64		XA231	66		168	9		MTMRBB	05	MTC18P	01	1	TDD	KP		30A		
22183		XA231	66		XA230	66		168	9		MTMRBB	06	MTC16P	01	1	TDD	JP		31A		
22189		XA230	66		XA230	64		168	9		MTMRBB	07	MTC17P	01	1	TDD	JP		31A		
22201		XA230	64		XA230	50		168	9		MTMRBB	08	MTC19P	01	1	TDD	KP		30A		
22177		XA230	50		XA231	52		168	9		MTMRBB	09	MTC15P	01	1	TDD	HP		23A		
22165		XA231	52		XA232	52		168	9		MTMRBB	10	MTC13P	01	1	TDD	GP		24A		
22159		XA232	52		XA232	50		168	9		MTMRBB	11	MTC12P	01	1	TDD	GP		24A		
22171		XA232	50		XA234	15		168	9		MTMRBB	12	MTC14P	01	1	TDD	HP		23A		
22225		XA234	15		XA234	09		168	9	P	MTMR4A	13	MTMRBB	01	2	TQ2	A4		07B		
22224		XA234	09		XA240	56		168	9	P	MTMR3A	14	MTMRBB	01	1	TQ2	A3		04B		TMNG GEN RESET *
22080		XA240	56		XA337	64		168	9		MTMRBB	15	MTCONR	01	3	TT3	D1		26A		
22280		XA337	64								MTMRBB	16	MTSRTA	01	5	TS8	E1		30A		
22226		XA234	06							J	MTMR1A	01	MTMR1A	00	1	TQ2	A1		05A		MTMRAB BUSS
22229		XA234	01							J	MTMR2A	01	MTMR2A	00	1	TQ2	A2		02B		MTMRAB BUSS
22234		XA234	09							J	MTMR3A	01	MTMR3A	00	1	TQ2	A3		04B		MTMRBB BUSS
											****	SIGNAL	MTMR4A			IS ON THE	NEXT PAGE	****			

DRAWING NUMBER 149304-800 STRING  
 UNIT ASSEMBLY NAME CARD CAGE WIRED, MCU

UNIT ASSEMBLY NO. 149304  
 FILE IDENT T39AMCMU

REV G INDEX MTMR4A  
 DATE 09-02-82 PAGE 174

RECORD NUMBER	FROM			TO			WIRE				SIGNAL	SEQ NO	EQUATION	TERM	FACT	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												
22237		XA234	15								J	MTMR4A	01	MTMR4A	00	1	TQ2	A4	07B	MTMRBB BUSS		
22242		XA238	08		XA237	06		16B	9			MTRINA	01	MTRINA	01	1	TQ2	A1	06A	TMNG STEP 5-22 *		
22238		XA237	06									MTRINA	02	MTRINA	00	1	TQ2	A1	05A			
20970		XA228	70		XA236	25		16B	9			MTRINO	01	MNTREA	01	4	TD4	F1	33A			
21057		XA236	25		XA238	06		16B	9			MTRINO	02	MPBCIA	01	3	TT3	B3	12B			
22241		XA238	06									MTRINO	03	MTRINO	00	1	TQ2	A1	05A	TMNG STEP 5-21		
22227		XA234	08		XA234	04		16B	9			MTRSTP	01	MTMRIA	01	1	TQ2	A1	06A			
22230		XA234	04		XA234	03		16B	9			MTRSTP	02	MTMR2A	01	1	TQ2	A2	04A			
22232		XA234	03		XA234	11		16B	9			MTRSTP	03	MTMR3A	01	1	TQ2	A3	02A			
22235		XA234	11		XA230	47		16B	9			MTRSTP	04	MTMR4A	01	1	TQ2	A4	05B			
22246		XA230	47									MTRSTP	05	MTRSTP	00	1	TD0	GP	25B	TMNG GEN STOP		
20603		XA432	25		XA432	20		16B	9			MTR01A	01	MDSHDO	01	2	TQ2	B4	12B			
19927		XA432	20		XA338	26		16B	9			MTR01A	02	MCSHDO	01	2	TQ2	B2	11A			
19489		XA338	26		XA338	07		16B	9			MTR01A	03	MBSHDO	01	2	TQ2	B1	14A			
19048		XA338	07		XA235	59		16B	9			MTR01A	04	MASHDO	01	2	TQ2	A3	03A			
22253		XA235	59		XA234	63		16B	9			MTR01A	05	MTR010	01	1	TQ2	E4	31B			
22252		XA234	63									MTR01A	06	MTR01A	00	1	TQ2	E4	33B	TMNG READ 1-1 *		
21559		XA323	54		XA323	48		16B	9			MTR010	01	MRDRAA	01	1	TQ2	D1	25A			
21562		XA323	48		XA323	41		16B	9			MTR010	02	MRDRBA	01	1	TQ2	D2	22A			
21564		XA323	41		XA235	63		16B	9			MTR010	03	MRDRCA	01	1	TQ2	D3	22B			
22255		XA235	63									MTR010	04	MTR010	00	1	TQ2	E4	33B	TMNG READ 1-1		
22256		XA234	75		XA235	77		16B	9			MTR05A	03	MTR05A	00	1	TQ2	F1	37B	TMNG READ 5-5 *		
22260		XA235	77									MTR05A	04	MTR050	01	1	TQ2	F1	38B			
20497		XA433	70		XA433	49		16B	9			MTR050	00	MDRQRA	01	2	TQ2	E1	33A			
19918		XA433	49		XA432	35		16B	9			MTR050	001	MCRQRA	01	2	TQ2	D4	26B			
21101		XA432	35		XA432	31		16B	9			MTR050	01	MPCMSA	01	1	TQ2	C4	17B			
21076		XA432	31		XA336	13		16B	9			MTR050	02	MPBMSA	01	2	TQ2	C3	15B			
19480		XA336	13		XA336	07		16B	9			MTR050	03	MBRQRA	01	2	TQ2	A4	06B			
19040		XA336	07		XA235	75		16B	9			MTR050	04	MARQRA	01	2	TQ2	A3	03A			
22259		XA235	75		XA239	26		16B	9			MTR050	05	MTR050	00	1	TQ2	F1	37B	TMNG READ 5-5		
21108		XA239	26		XA237	25		16B	9			MTR050	06	MPCTRA	01	4	TD4	B1	14A			
21014		XA237	25									MTR050	07	MPAMSA	01	2	TQ2	B4	12B			
22266		XA235	71		XA236	19		16B	9			MTR06A	01	MTR060	01	1	TQ2	F2	36A			
22265		XA236	19									MTR06A	02	MTR06A	00	1	TT3	B2	09B	TMNG READ 6-6 *		
21027		XA240	70		XA235	72		16B	9			MTR060	01	MPBACA	01	3	TT3	E1	33A			
22267		XA235	72		XA228	64		16B	9			MTR060	02	MTR060	00	1	TQ2	F2	34A	TMNG READ 6-6		
21012		XA228	64		XA431	18		16B	9			MTR060	021	MPAMRA	01	4	TD4	E2	30A			
21073		XA431	18		XA431	21		16B	9			MTR060	03	MPBHRA	01	3	TT3	B2	10A			
21097		XA431	21		XA431	79		16B	9			MTR060	04	MPCMRA	01	1	TT3	B3	10B			
21096		XA431	79									MTR060	05	MPCDRA1	01	3	TT3	F1	39B			
											****	SIGNAL	MTR13A	IS ON THE NEXT PAGE				****				

DRAWING NUMBER 149304-800 STRING  
 UNIT ASSEMBLY NAME CARD CAGE WIRED, MCU

UNIT ASSEMBLY NO. 149304  
 FILE IDENT T39AMCMU

REV G INDEX MTR13A  
 DATE 09-02-82 PAGE 175

RECORD NUMBER	FROM			INFO	TO			WIRE				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	CODE	COLOR	IDENT												
20942		XA237	29									MTR13A	01	MMCESO	01	1	TQ2	C3		14B		
22271		XA235	51		XA235	51			16B	9		MTR13A	02	MTR13A	00	1	TQ2	D4		27B	TMNG READ 15-17	
22274		XA234	57		XA237	31			16B	9		MTR21A	01	MTR21A	00	1	TQ2	E3		30B	TMNG WRITE 6-6 *	
20943		XA237	31									MTR21A	02	MMCESO	01	2	TQ2	C3		15B		
22081		XA233	17		XA337	59			16B	9		MTSR TA	01	MTCONS	01	1	TQ2	B3		08B	PRIORITY ENABLED*	
22276		XA337	59									MTSR TA	02	MTSR TA	00	1	TSB	E1		31B		
22244		XA230	54		XA234	14			16B	9		MTSTPA	01	MTRSTI	01	1	TDD	GI		25A		
22284		XA234	14									MTSTPA	02	MTSTPA	00	1	TQ2	B2		09A	TMNG WRITE 13-13	
22079		XA240	54		XA236	64			16B	9		MTSW TA	01	MTCONR	01	2	TT3	D1		25A		
22287		XA236	64									MTSW TA	02	MTSW TA	00	1	TT3	E1		30A	TMNG START RESET *	
22292		XA234	72		XA235	74			16B	9		MTW05A	01	MTW05A	00	1	TQ2	F2		34A	TMNG WRITE 5-5 *	
21182		XA235	74									MTW05A	02	MPPARO	01	2	TQ2	F3		35B		
22295		XA240	55								J	MUATAO	01	MUATAO	00	1	TT3	E2		29B	MUITAB BUSS	
22301		XA240	63								J	MUATBO	01	MUATBO	00	1	TT3	E3		33B	MUITAB BUSS	
22302		XA215	06								J	MUA0AA	01	MUA0AA	00	1	TQ2	A1		05A	MDA0AB BUSS	
22305		XA215	01								J	MUA0BA	01	MUA0BA	00	1	TQ2	A2		02B	MDA0AB BUSS	
22308		XA420	06								J	MUA0CA	01	MUA0CA	00	1	TQ2	A1		05A	MDA0BB BUSS	
22311		XA420	01								J	MUA0DA	01	MUA0DA	00	1	TQ2	A2		02B	MDA0BB BUSS	
22314		XA515	38								J	MUA0EA	01	MUA0EA	00	1	TQ2	C1		18A	MDA0CB BUSS	
22317		XA515	30								J	MUA0FA	01	MUA0FA	00	1	TQ2	C2		15A	MDA0CB BUSS	
22325		XA216	54		XA225	04			16B	9		MUA00A	01	MUA000	01	1	TQ2	D1		25A		
22320		XA225	04									MUA00A	02	MUA00A	00	1	TT3	A1		04A	BIT D ADR DEC 0 *	
22315		XA515	40		XA515	34			16B	9		MUA000	00	MUA0EA	01	1	TQ2	C1		19A		G02
22318		XA515	34		XA420	08			16B	9		MUA000	001	MUA0FA	01	1	TQ2	C2		16A		G02
22309		XA420	08		XA420	04			16B	9		MUA000	003	MUA0CA	01	1	TQ2	A1		06A		G02
22312		XA420	04		XA339	11			16B	9		MUA000	005	MUA0DA	01	1	TQ2	A2		04A		G02
22024		XA339	11		XA339	08			16B	9		MUA000	01	MSSB7A	01	1	TQ2	A4		05B		
21998		XA339	08		XA215	04			16B	9		MUA000	02	MSSA6A	01	1	TQ2	A1		06A		
22306		XA215	04		XA215	08			16B	9		MUA000	03	MUA0BA	01	1	TQ2	A2		04A		
22303		XA215	08		XA216	52			16B	9		MUA000	04	MUA0AA	01	1	TQ2	A1		06A		
22324		XA216	52						16B	9		MUA000	05	MUA000	00	1	TQ2	D1		24A	BIT D ADDR DEC 0	G02
22332		XA216	48		XA225	07			16B	9		MUA01A	01	MUA010	01	1	TQ2	D2		22A		
22330		XA225	07									MUA01A	02	MUA01A	00	1	TT3	A2		03A	BIT D ADR DEC 1 *	
									****	SIGNAL	(MUA010)			IS ON THE	NEXT PAGE	****						

DRAWING NUMBER 149304-800 STRING  
 UNIT ASSEMBLY NAME CARD CAGE WIRED, MCU

UNIT ASSEMBLY NO. 149304  
 FILE IDENT T39AMCMU

REV G INDEX MUA010  
 DATE 09-02-82 PAGE 176

RECORD NUMBER	FROM			TO			WIRE			MULTI GROUP	CODE	COLOR	IDENT	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	1	2	3															
22391		XA515	35		XA515	29				168	9		MUA010	00	MUA1FA	01	1	TQ2	C4		17B		G02	
22388		XA515	29		XA420	11				168	9		MUA010	001	MUA1FA	01	1	TQ2	C3		14B		G02	
22385		XA420	11		XA420	03				168	9		MUA010	003	MUA1DA	01	1	TQ2	A4		05B		G02	
22382		XA420	03		XA339	04				168	9		MUA010	005	MUA1CA	01	1	TQ2	A3		02A		G02	
22022		XA339	04		XA339	03				168	9		MUA010	01	MSSB6A	01	1	TQ2	A2		04A			
22000		XA339	03		XA215	03				168	9		MUA010	02	MSSA7A	01	1	TQ2	A3		02A			
22376		XA215	03		XA215	11				168	9		MUA010	03	MUA1AA	01	1	TQ2	A3		02A			
22379		XA215	11		XA216	46				168	9		MUA010	04	MUA1BA	01	1	TQ2	A4		05B			
22331		XA216	46							168	9		MUA010	05	MUA010	00	1	TQ2	D2		21A	BIT D ADDR DEC 1	G02	
22338		XA216	41		XA225	15				168	9		MUA02A	01	MUA020	01	1	TQ2	D3		22B			
22337		XA225	15										MUA02A	02	MUA02A	00	1	TT3	A3		07B	BIT D ADR DEC 2 *		
22398		XA215	18		XA215	24				168	9		MUA020	01	MUA2BA	01	1	TQ2	B2		10A			
22395		XA215	24		XA216	45				168	9		MUA020	02	MUA2AA	01	1	TQ2	B1		13A			
22340		XA216	45		XA340	59				168	9		MUA020	03	MUA020	00	1	TQ2	D3		24B	BIT D ADR DEC 2		
22018		XA340	59		XA340	68				168	9		MUA020	04	MSSB5A	01	1	TQ2	E4		31B			
21992		XA340	68		XA420	18				168	9		MUA020	05	MSSA4A	01	1	TQ2	F1		32A			
22404		XA420	18		XA420	24				168	9		MUA020	06	MUA2DA	01	1	TQ2	B2		10A			
22401		XA420	24		XA515	48				168	9		MUA020	07	MUA2CA	01	1	TQ2	B1		13A			
22410		XA515	48		XA515	54				168	9		MUA020	08	MUA2FA	01	1	TQ2	D2		22A			
22407		XA515	54										MUA020	09	MUA2EA	01	1	TQ2	D1		25A			
22341		XA225	20		XA216	47				168	9		MUA03A	01	MUA03A	00	1	TT3	B1		11A	BIT D ADR DEC 3 *		
22345		XA216	47										MUA03A	02	MUA030	01	1	TQ2	D4		25B			
22427		XA515	47		XA515	41				168	9		MUA030	01	MUA3FA	01	1	TQ2	D4		25B			
22424		XA515	41		XA420	23				168	9		MUA030	02	MUA3EA	01	1	TQ2	D3		27B			
22421		XA420	23		XA420	17				168	9		MUA030	03	MUA3DA	01	1	TQ2	B4		11B			
22418		XA420	17		XA340	62				168	9		MUA030	04	MUA3CA	01	1	TQ2	B3		08B			
22016		XA340	62		XA340	53				168	9		MUA030	05	MSSB4A	01	1	TQ2	E2		29A			
21994		XA340	53		XA216	51				168	9		MUA030	06	MSSA5A	01	1	TQ2	E3		28B			
22347		XA216	51		XA215	23				168	9		MUA030	07	MUA030	00	1	TQ2	D4		27B	BIT D ADDR DEC 3		
22415		XA215	23		XA215	17				168	9		MUA030	08	MUA3BA	01	1	TQ2	B4		11B			
22412		XA215	17										MUA030	09	MUA3AA	01	1	TQ2	B3		08B			
22351		XA225	19		XA216	68				168	9		MUA04A	01	MUA04A	00	1	TT3	B2		09B	BIT D ADR DEC 4 *		
22353		XA216	68										MUA04A	02	MUA040	01	1	TQ2	F1		32A			
22443		XA515	68		XA515	62				168	9		MUA040	00	MUA4FA	01	1	TQ2	F1		32A		G02	
22446		XA515	62		XA420	40				168	9		MUA040	001	MUA4FA	01	1	TQ2	E2		29A		G02	
22437		XA420	40		XA420	34				168	9		MUA040	003	MUA4CA	01	1	TQ2	C1		19A		G02	
22440		XA420	34		XA340	54				168	9		MUA040	005	MUA40A	01	1	TQ2	C2		16A		G02	
21986		XA340	54		XA340	47				168	9		MUA040	01	MSSA2A	01	1	TQ2	D1		25A			
22012		XA340	47		XA215	34				168	9		MUA040	02	MSSB3A	01	1	TQ2	D4		25B			
22434		XA215	34		XA215	40				168	9		MUA040	03	MUA4BA	01	1	TQ2	C2		16A			
22431		XA215	40		XA216	66				168	9		MUA040	04	MUA4AA	01	1	TQ2	C1		19A			
22352		XA216	66							168	9		MUA040	05	MUA040	00	1	TQ2	F1		31A	BIT D ADDR DEC 4	G02	
22358		XA225	27		XA216	62				168	9		MUA05A	01	MUA05A	00	1	TT3	B3		13B	BIT D ADR DEC 5 *		
										***		SIGNAL	MUA05A		IS ON THE NEXT PAGE						***			

DRAWING NUMBER 149304-800 STRING  
 UNIT ASSEMBLY NAME CARD CAGE WIRED, MCU

UNIT ASSEMBLY NO. 149304  
 FILE IDENT T39AMCMU

REV G INDEX MUA05A  
 DATE 09-02-82 PAGE 177

RECORD NUMBER	FROM			TO			WIRE				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											
22360		XA216	62									MUA05A	02	MUA050	01	1	TQ2	E2		29A	
22463		XA515	59	XA515	53		16B	9				MUA050	00	MUA5FA	01	1	TQ2	E4		31B	G02
22460		XA515	53	XA420	35		16B	9				MUA050	001	MUA5EA	01	1	TQ2	E3		28B	G02
22457		XA420	35	XA420	29		16B	9				MUA050	003	MUA5DA	01	1	TQ2	C4		17B	G02
22454		XA420	29	XA340	48		16B	9				MUA050	005	MUA5CA	01	1	TQ2	C3		14B	G02
22010		XA340	48	XA340	41		16B	9				MUA050	01	MSSB2A	01	1	TQ2	D2		22A	
21988		XA340	41	XA215	29		16B	9				MUA050	02	MSSA3A	01	1	TQ2	D3		22B	
22448		XA215	29	XA215	35		16B	9				MUA050	03	MUA5AA	01	1	TQ2	C3		14B	
22451		XA215	35	XA216	60		16B	9				MUA050	04	MUA5BA	01	1	TQ2	C4		17B	
22359		XA216	60				16B	9				MUA050	05	MUA050	00	1	TQ2	E2		28A	BIT D ADDR DEC 5 G02
22362		XA225	36	XA216	53		16B	9				MUA06A	01	MUA06A	00	1	TT3	C1		17A	BIT D ADR DEC 6 *
22366		XA216	53									MUA06A	02	MUA060	01	1	TQ2	E3		28B	
22479		XA515	77	XA515	71		16B	9				MUA060	00	MUA6EA	01	1	TQ2	F1		38B	G02
22481		XA515	71	XA420	54		16B	9				MUA060	001	MUA6FA	01	1	TQ2	F2		36A	G02
22473		XA420	54	XA420	48		16B	9				MUA060	003	MUA6CA	01	1	TQ2	D1		25A	G02
22476		XA420	48	XA340	40		16B	9				MUA060	005	MUA6DA	01	1	TQ2	D2		22A	G02
21980		XA340	40	XA340	35		16B	9				MUA060	01	MSSA0A	01	1	TQ2	C1		19A	G02
22006		XA340	35	XA215	48		16B	9				MUA060	02	MSSB1A	01	1	TQ2	C4		17B	
22470		XA215	48	XA215	54		16B	9				MUA060	03	MUA6BA	01	1	TQ2	D2		22A	
22467		XA215	54	XA216	57		16B	9				MUA060	04	MUA6AA	01	1	TQ2	D1		25A	
22368		XA216	57				16B	9				MUA060	05	MUA060	00	1	TQ2	E3		30B	BIT D ADDR DEC 6 G02
22371		XA225	31	XA216	59		16B	9				MUA07A	01	MUA07A	00	1	TT3	C2		15B	BIT D ADR DEC 7 *
22373		XA216	59									MUA07A	02	MUA070	01	1	TQ2	E4		31B	
22499		XA515	76	XA515	65		16B	9				MUA070	00	MUA7FA	01	1	TQ2	F4		37A	G02
22496		XA515	65	XA420	47		16B	9				MUA070	001	MUA7EA	01	1	TQ2	F3		34B	G02
22493		XA420	47	XA420	41		16B	9				MUA070	003	MUA7DA	01	1	TQ2	D4		25B	G02
22490		XA420	41	XA340	34		16B	9				MUA070	005	MUA7CA	01	1	TQ2	D3		22B	G02
22004		XA340	34	XA340	29		16B	9				MUA070	01	MSSB0A	01	1	TQ2	C2		16A	
21982		XA340	29	XA215	41		16B	9				MUA070	02	MSSA1A	01	1	TQ2	C3		14B	
22484		XA215	41	XA215	47		16B	9				MUA070	03	MUA7AA	01	1	TQ2	D3		22B	
22487		XA215	47	XA216	63		16B	9				MUA070	04	MUA7BA	01	1	TQ2	D4		25B	
22375		XA216	63				16B	9				MUA070	05	MUA070	00	1	TQ2	E4		33B	BIT D ADDR DEC 7 G02
22378		XA215	09								J	MUA1AA	01	MUA1AA	00	1	TQ2	A3		04B	MDA1AB BUSS
22381		XA215	15								J	MUA1BA	01	MUA1BA	00	1	TQ2	A4		07B	MDA1AB BUSS
22384		XA420	09								J	MUA1CA	01	MUA1CA	00	1	TQ2	A3		04B	MDA1BB BUSS
22387		XA420	15								J	MUA1DA	01	MUA1DA	00	1	TQ2	A4		07B	MDA1BB BUSS
22390		XA515	33								J	MUA1EA	01	MUA1EA	00	1	TQ2	C3		16B	MDA1CB BUSS
22393		XA515	39								J	MUA1FA	01	MUA1FA	00	1	TQ2	C4		19B	MDA1CB BUSS
							****		SIGNAL			MUA2AA									IS ON THE NEXT PAGE ****



DRAWING NUMBER 149304-800 STRING  
 UNIT ASSEMBLY NAME CARD CAGE WIRED, MCU

UNIT ASSEMBLY NO. 149304  
 FILE IDENT T39AMCMU

REV G INDEX MUA6BA  
 DATE 09-02-82 PAGE 179

RECORD NUMBER	FROM			TO			WIRE					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												
22469		XA215	46								J	MUA6BA	01	MUA6BA	00	1	TQ2	D2		21A	MDA6AB BUSS	
22472		XA420	52								J	MUA6CA	01	MUA6CA	00	1	TQ2	D1		24A	MDA6BB BUSS	
22475		XA420	46								J	MUA6DA	01	MUA6DA	00	1	TQ2	D2		21A	MDA6BB BUSS	
22478		XA515	75								J	MUA6EA	01	MUA6EA	00	1	TQ2	F1		37B	MDA6CB BUSS	
22482		XA515	72								J	MUA6FA	01	MUA6FA	00	1	TQ2	F2		34A	MDA6CB BUSS	
22486		XA215	45								J	MUA7AA	01	MUA7AA	00	1	TQ2	D3		24B	MDA7AB BUSS	
22489		XA215	51								J	MUA7BA	01	MUA7BA	00	1	TQ2	D4		27B	MDA7AB BUSS	
22492		XA420	45								J	MUA7CA	01	MUA7CA	00	1	TQ2	D3		24B	MDA7BB BUSS	
22495		XA420	51								J	MUA7DA	01	MUA7DA	00	1	TQ2	D4		27B	MDA7BB BUSS	
22497		XA515	69								J	MUA7EA	01	MUA7EA	00	1	TQ2	F3		35A	MDA7CB BUSS	
22501		XA515	80								J	MUA7FA	01	MUA7FA	00	1	TQ2	F4		39A	MDA7CB BUSS	
22502		XA240	73								J	MUBTA0	01	MUBTA0	00	1	TT3	F1		36B	MUITBB BUSS	
22509		XA240	74								J	MUBTBO	01	MUBTBO	00	1	TT3	F2		35B	MUITBB BUSS	
22510		XA215	66								J	MUB0AA	01	MUB0AA	00	1	TQ2	E1		31A	MDB0AB BUSS	
22513		XA215	60								J	MUB0BA	01	MUB0BA	00	1	TQ2	E2		28A	MDB0AB BUSS	
22516		XA420	66								J	MUB0CA	01	MUB0CA	00	1	TQ2	E1		31A	MDB0BB BUSS	
22519		XA420	60								J	MUB0DA	01	MUB0DA	00	1	TQ2	E2		28A	MDB0BB BUSS	
22522		XA516	06								J	MUB0EA	01	MUB0EA	00	1	TQ2	A1		05A	MDB0CB BUSS	
22525		XA516	01								J	MUB0FA	01	MUB0FA	00	1	TQ2	A2		02B	MDB0CB BUSS	
22531		XA225	39		XA216	77				16B	9	MUB00A	01	MUB00A	00	1	TT3	C3		19B	BIT B ADR DEC 0 *	
22533		XA216	77									MUB00A	02	MUB000	01	1	TQ2	F1		38B		
22520		XA420	62		XA420	68				16B	9	MUB000	04	MUB0DA	01	1	TQ2	E2		29A		
22517		XA420	68		XA516	04				16B	9	MUB000	05	MUB0CA	01	1	TQ2	E1		32A		
22526		XA516	04		XA516	08				16B	9	MUB000	06	MUB0EA	01	1	TQ2	A2		04A		
22523		XA516	08		XA216	75				16B	9	MUB000	07	MUB0EA	01	1	TQ2	A1		06A		
22532		XA216	75		XA215	68				16B	9	MUB000	08	MUB000	00	1	TQ2	F1		07A	BIT B ADDR DEC 0	G02
22511		XA215	68		XA215	62				16B	9	MUB000	09	MUB0AA	01	1	TQ2	E1		32A		G02
22514		XA215	62							16B	9	MUB000	10	MUB0BA	01	1	TQ2	F2		29A		G02
22535		XA225	50		XA216	71				16B	9	MUB01A	01	MUB01A	00	1	TT3	D1		23A	BIT B ADR DEC 1 *	
										****		SIGNAL (MUB01A)										IS ON THE NEXT PAGE ****

DRAWING NUMBER 149304-800 STRING  
 UNIT ASSEMBLY NAME CARD CAGE WIRED, MCU

UNIT ASSEMBLY NO. 149304  
 FILE IDENT T39AMCMU

REV G INDEX MUB01A  
 DATE 09-02-82 PAGE 180

RECORD NUMBER	FROM			BIT	TO			MULTI GROUP	WIRE			SIGNAL	SEQ NO	EQUATION	TERM	FACT	CKT OR CHIP TYPE	GROUP	LOAD OR POWER PLANE	TEST POINTS AND/OR	SIGNAL DESCRIPTION	ECO NO	
	PREFIX	CONNECTOR	PIN		PREFIX	CONNECTOR	PIN		CODE	COLOR	IDENT												
22539		XA216	71									MUB01A	02	MUB010	01	1	TQ2	F2		36A			
22590		XA420	53		XA420	59			168	9		MUB010	04	MUB1CA	01	1	TQ2	E3		28B			
22593		XA420	59		XA516	03			168	9		MUB010	05	MUB1DA	01	1	TQ2	F4		31B			
22596		XA516	03		XA516	11			168	9		MUB010	06	MUB1EA	01	1	TQ2	A3		02A			
22599		XA516	11		XA216	72			168	9		MUB010	07	MUB1FA	01	1	TQ2	A4		05B		G02	
22540		XA216	72		XA215	59			168	9		MUB010	08	MUB010	00	1	TQ2	F2		34A	BIT B ADDR DEC 1	G02	
22587		XA215	59		XA215	53			168	9		MUB010	09	MUB1BA	01	1	TQ2	E4		31B		G02	
22584		XA215	53						168	9		MUB010	10	MUB1AA	01	1	TQ2	E3		28B		G02	
22543		XA225	43		XA216	65			168	9		MUB02A	01	MUB02A	00	1	TT3	D2		23B	BIT B ADR DEC 2 *		
22546		XA216	65									MUB02A	02	MUB020	01	1	TQ2	F3		34B			
22603		XA215	77		XA215	71			168	9		MUB020	00	MUB2AA	01	1	TQ2	F1		38B			
22605		XA215	71		XA216	69			168	9		MUB020	001	MUB2BA	01	1	TQ2	F2		36A			
22547		XA216	69		XA516	24			168	9		MUB020	003	MUB020	00	1	TQ2	F3		35A	BIT B ADDR DEC 2	G02	
22615		XA516	24		XA516	18			168	9		MUB020	01	MUB2EA	01	1	TQ2	B1		13A			
22618		XA516	18		XA420	77			168	9		MUB020	02	MUB2FA	01	1	TQ2	B2		10A			
22609		XA420	77		XA420	71			168	9		MUB020	03	MUB2CA	01	1	TQ2	F1		38B			
22611		XA420	71						168	9		MUB020	04	MUB2DA	01	1	TQ2	F2		36A		G02	
22552		XA225	51		XA216	76			168	9		MUB03A	01	MUB03A	00	1	TT3	D3		27B	BIT B ADR DEC 3 *		
22553		XA216	76									MUB03A	02	MUB030	01	1	TQ2	F4		37A			
22620		XA215	65		XA215	76			168	9		MUB030	00	MUB3AA	01	1	TQ2	F3		34B		G02	
22623		XA215	76		XA216	80			168	9		MUB030	001	MUB3BA	01	1	TQ2	F4		37A		G02	
22555		XA216	80		XA516	23			168	9		MUB030	003	MUB030	00	1	TQ2	F4		39A	BIT B ADDR DEC 3	G02	
22635		XA516	23		XA516	17			168	9		MUB030	01	MUB3FA	01	1	TQ2	B4		11B			
22632		XA516	17		XA420	76			168	9		MUB030	02	MUB3EA	01	1	TQ2	B3		08B			
22629		XA420	76		XA420	65			168	9		MUB030	03	MUB3DA	01	1	TQ2	F4		37A			
22626		XA420	65						168	9		MUB030	04	MUB3CA	01	1	TQ2	F3		34B		G02	
22561		XA319	08		XA225	64			168	9		MUB04A	01	MUB040	01	1	TQ2	A1		06A			
22556		XA225	64									MUB04A	02	MUB04A	00	1	TT3	E1		30A	BIT B ADR DEC 4 *		
22560		XA319	06		XA515	04			168	9		MUB040	03	MUB040	00	1	TQ2	A1		05A	BIT B ADR DEC 4		
22648		XA515	04		XA515	08			168	9		MUB040	04	MUB4DA	01	1	TQ2	A2		04A			
22645		XA515	08		XA516	34			168	9		MUB040	05	MUB4CA	01	1	TQ2	A1		06A			
22654		XA516	34		XA516	40			168	9		MUB040	06	MUB4FA	01	1	TQ2	C2		16A			
22651		XA516	40		XA216	08			168	9		MUB040	07	MUB4EA	01	1	TQ2	C1		19A		G02	
22639		XA216	08		XA216	04			168	9		MUB040	08	MUB4AA	01	1	TQ2	A1		06A		G02	
22642		XA216	04						168	9		MUB040	09	MUB4BA	01	1	TQ2	A2		04A		G02	
22568		XA319	04		XA225	55			168	9		MUB05A	01	MUB050	01	1	TQ2	A2		04A			
22564		XA225	55									MUB05A	02	MUB05A	00	1	TT3	E2		29B	BIT B ADR DEC 5 *		
22567		XA319	01		XA515	03			168	9		MUB050	03	MUB050	00	1	TQ2	A2		02B	BIT B ADR DEC 5		
22662		XA515	03		XA515	11			168	9		MUB050	04	MUB5CA	01	1	TQ2	A3		02A			
22665		XA515	11		XA516	29			168	9		MUB050	05	MUB5DA	01	1	TQ2	A4		05B			
22668		XA516	29		XA516	35			168	9		MUB050	06	MUB5EA	01	1	TQ2	C3		14B			
									***		SIGNAL	MUB050		TS ON THE									***



DRAWING NUMBER 149304-800 STRING  
 UNIT ASSEMBLY NAME CARD CAGE WIRED, MCU

UNIT ASSEMBLY NO. 149304  
 FILE IDENT T39AMCMU

REV G INDEX MUB050  
 DATE 09-02-82 PAGE 181

RECORD NUMBER	FROM			TO			WIRE				TEST POINT	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												
22671		XA516	35		XA216	11		16B	9			MUB050	07	MUB5FA	01	1	TQ2	C4		17B		G02
22659		XA216	11		XA216	03		16B	9			MUB050	08	MUB5BA	01	1	TQ2	A4		05B		G02
22656		XA216	03					16B	9			MUB050	09	MUB5AA	01	1	TQ2	A3		02A		G02
22574		XA319	03		XA225	63		16B	9			MUB06A	01	MUB060	01	1	TQ2	A3		02A		
22573		XA225	63									MUB06A	02	MUB06A	00	1	TT3	E3		33B	BIT B ADR DEC 6 *	
22576		XA319	09		XA515	18		16B	9			MUB060	03	MUB060	00	1	TQ2	A3		04B	BIT B ADR DEC 6	
22684		XA515	18		XA515	24		16B	9			MUB060	04	MUB6DA	01	1	TQ2	B2		10A		
22681		XA515	24		XA516	48		16B	9			MUB060	05	MUB6CA	01	1	TQ2	B1		13A		
22690		XA516	48		XA516	54		16B	9			MUB060	06	MUB6FA	01	1	TQ2	D2		22A		
22687		XA516	54		XA216	24		16B	9			MUB060	07	MUB6EA	01	1	TQ2	D1		25A		G02
22675		XA216	24		XA216	18		16B	9			MUB060	08	MUB6AA	01	1	TQ2	B1		13A		G02
22678		XA216	18					16B	9			MUB060	09	MUB6BA	01	1	TQ2	B2		10A		G02
22581		XA319	11		XA225	73		16B	9			MUB07A	01	MUB070	01	1	TQ2	A4		05B		
22577		XA225	73									MUB07A	02	MUB07A	00	1	TT3	F1		36B	BIT B ADR DEC 7 *	
22583		XA319	15		XA515	17		16B	9			MUB070	03	MUB070	00	1	TQ2	A4		07B	BIT B ADR DEC 7	
22698		XA515	17		XA515	23		16B	9			MUB070	04	MUB7CA	01	1	TQ2	B3		08B		
22701		XA515	23		XA516	41		16B	9			MUB070	05	MUB7DA	01	1	TQ2	B4		11B		
22704		XA516	41		XA516	47		16B	9			MUB070	06	MUB7EA	01	1	TQ2	D3		22B		
22707		XA516	47		XA216	23		16B	9			MUB070	07	MUB7FA	01	1	TQ2	D4		25B		G02
22695		XA216	23		XA216	17		16B	9			MUB070	08	MUB7BA	01	1	TQ2	B4		11B		G02
22692		XA216	17					16B	9			MUB070	09	MUB7AA	01	1	TQ2	B3		08B		G02
22586		XA215	57								J	MUB1AA	01	MUB1AA	00	1	TQ2	E3		30B	MDB1AB	BUSS
22589		XA215	63								J	MUB1BA	01	MUB1BA	00	1	TQ2	E4		33B	MDB1AB	BUSS
22592		XA420	57								J	MUB1CA	01	MUB1CA	00	1	TQ2	E3		30B	MDB1BB	BUSS
22595		XA420	63								J	MUB1DA	01	MUB1DA	00	1	TQ2	E4		33B	MDB1BB	BUSS
22598		XA516	09								J	MUB1EA	01	MUB1EA	00	1	TQ2	A3		04B	MDB1CB	BUSS
22601		XA516	15								J	MUB1FA	01	MUB1FA	00	1	TQ2	A4		07B	MDB1CB	BUSS
22602		XA215	75								J	MUB2AA	01	MUB2AA	00	1	TQ2	F1		37B	MDB2AB	BUSS
22606		XA215	72								J	MUB2BA	01	MUB2BA	00	1	TQ2	F2		34A	MDB2AB	BUSS
22608		XA420	75								J	MUB2CA	01	MUB2CA	00	1	TQ2	F1		37B	MDB2BB	BUSS
22610		XA420	72								J	MUB2DA	01	MUB2DA	00	1	TQ2	F2		34A	MDB2BB	BUSS
22614		XA516	22								J	MUB2EA	01	MUB2EA	00	1	TQ2	B1		12A	MDB2CB	BUSS
22617		XA516	14								J	MUB2FA	01	MUB2FA	00	1	TQ2	B2		09A	MDB2CB	BUSS
											****	SIGNAL	(MUB3AA)	IS ON THE	NEXT PAGE	****						



DRAWING NUMBER 149304-800 STRING  
 UNIT ASSEMBLY NAME CARD CAGE WIRED, MCU

UNIT ASSEMBLY NO. 149304  
 FILE IDENT T39AMCMU

REV G INDEX MUB7BA  
 DATE 09-02-82 PAGE 183

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	PREFIX	CONNECTOR	PIN	SH PG	SH PG	GROUP	CODE									COLOR	IDENT	AND	OR	
22697		XA216	27									J	MUB7BA	01	MUB7BA	00	1	TQ2	B4	13B	MDB7AB	BUSS	
22700		XA515	21									J	MUB7CA	01	MUB7CA	00	1	TQ2	B3	10B	MDB7BB	BUSS	
22703		XA515	27									J	MUB7DA	01	MUB7DA	00	1	TQ2	B4	13B	MDB7BB	BUSS	
22706		XA516	45									J	MUB7EA	01	MUB7EA	00	1	TQ2	D3	24B	MDB7CB	BUSS	
22709		XA516	51									J	MUB7FA	01	MUB7FA	00	1	TQ2	D4	27B	MDB7CB	BUSS	
22710		XA240	55		XA 240	63			168	9		P	MUATA0		MUITAB	01	1	TT3	E2	29B	BIT WRITE SINK TMG		
22711		XA240	63		XA316	70			168	9		P	MUATB0		MUITAB	02	1	TT3	E3	33B			
23020		XA316	70		XA316	64			168	9			MUITAB	03	MUWEWA	01	2	TQ2	E1	33A			
23023		XA316	64		XA316	61			168	9			MUITAB	04	MUWEZA	01	2	TQ2	E2	30A			
23028		XA316	61		XA316	55			168	9			MUITAB	05	MUWEZA	01	2	TQ2	E4	32B			
23025		XA316	55		XA316	56			168	9			MUITAB	06	MUWEYA	01	2	TQ2	E3	29B			
22999		XA316	56		XA316	50			168	9			MUITAB	07	MUWDA	01	2	TQ2	D1	26A			
23002		XA316	50		XA316	49			168	9			MUITAB	08	MUWDXA	01	2	TQ2	D2	23A			
23007		XA316	49		XA316	43			168	9			MUITAB	09	MUWDA	01	2	TQ2	D4	26B			
23004		XA316	43		XA316	42			168	9			MUITAB	10	MUWDYA	01	2	TQ2	D3	23B			
22983		XA316	42		XA316	36			168	9			MUITAB	11	MUWCWA	01	2	TQ2	C1	20A			
22986		XA316	36		XA316	37			168	9			MUITAB	12	MUWCXA	01	2	TQ2	C2	17A			
22991		XA316	37		XA316	31			168	9			MUITAB	13	MUWCZA	01	2	TQ2	C4	18B			
22988		XA316	31		XA316	25			168	9			MUITAB	14	MUWCYA	01	2	TQ2	C3	15B			
22979		XA316	25		XA316	26			168	9			MUITAB	15	MUWBZA	01	2	TQ2	B4	12B			
22971		XA316	26		XA316	20			168	9			MUITAB	16	MUWBWA	01	2	TQ2	B1	14A			
22974		XA316	20		XA316	19			168	9			MUITAB	17	MUWBXA	01	2	TQ2	B2	11A			
22976		XA316	19		XA316	13			168	9			MUITAB	18	MUWBZA	01	2	TQ2	B3	09B			
22956		XA316	13		XA316	07			168	9			MUITAB	19	MUWAZA	01	2	TQ2	A4	06B			
22953		XA316	07		XA316	05			168	9			MUITAB	20	MUWAYA	01	2	TQ2	A3	03A			
22951		XA316	05		XA316	10			168	9			MUITAB	21	MUWAXA	01	2	TQ2	A2	03B			
22948		XA316	10										MUITAB	22	MUWAHA	01	2	TQ2	A1	07A			
22739		XA315	10		XA315	05			168	9			MUITBB	01	MURAWA	01	2	TQ2	A1	07A			
22742		XA315	05		XA315	07			168	9			MUITBB	02	MURAXA	01	2	TQ2	A2	03B			
22744		XA315	07		XA315	13			168	9			MUITBB	03	MURAYA	01	2	TQ2	A3	03A			
22747		XA315	13		XA315	19			168	9			MUITBB	04	MURAZA	01	2	TQ2	A4	06B			
22767		XA315	19		XA315	20			168	9			MUITBB	05	MURBYA	01	2	TQ2	B3	09B			
22765		XA315	20		XA315	26			168	9			MUITBB	06	MURBXA	01	2	TQ2	B2	11A			
22762		XA315	26		XA315	25			168	9			MUITBB	07	MURBWA	01	2	TQ2	B1	14A			
22770		XA315	25		XA315	31			168	9			MUITBB	08	MURBZA	01	2	TQ2	B4	12B			
22779		XA315	31		XA315	42			168	9			MUITBB	09	MURCYA	01	2	TQ2	C3	15B			
22774		XA315	42		XA315	36			168	9			MUITBB	10	MURCWA	01	2	TQ2	C1	20A			
22777		XA315	36		XA315	37			168	9			MUITBB	11	MURCXA	01	2	TQ2	C2	17A			
22782		XA315	37		XA315	43			168	9			MUITBB	12	MURCZA	01	2	TQ2	C4	18B			
22798		XA315	43		XA315	49			168	9			MUITBB	13	MURDYA	01	2	TQ2	D3	23B			
22801		XA315	49		XA315	50			168	9			MUITBB	14	MURDZA	01	2	TQ2	D4	26B			
22796		XA315	50		XA315	56			168	9			MUITBB	15	MURDXA	01	2	TQ2	D2	23A			
22793		XA315	56		XA315	55			168	9			MUITBB	16	MURDWA	01	2	TQ2	D1	26A			
22819		XA315	55		XA315	61			168	9			MUITBB	17	MUREYA	01	2	TQ2	E3	29B			
									****				SIGNAL (MUITBB)		IS ON THE					****			

DRAWING NUMBER 149304-800 STRING  
 UNIT ASSEMBLY NAME CARD CAGE WIRED, MCU

UNIT ASSEMBLY NO. 149304  
 FILE IDENT T39AMCMU

REV G INDEX MUITBB  
 DATE 09-02-82 PAGE 184

RECORD NUMBER	FROM			TO			WIRE				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											
22822		XA315	61		XA315	64		168	9		MUITBB	18	MUREZA	01	2	TQ2	E4		32B		
22817		XA315	64		XA315	70		168	9		MUITBB	19	MUREXA	01	2	TQ2	E2		30A		
22814		XA315	70		XA240	73		168	9		MUITBB	20	MUREWA	01	2	TQ2	E1		33A		
22712		XA240	73		XA240	74		168	9	P	MUBTAD	21	MUITBB	01	1	TT3	F1		36B	BIT READ SINK TMC	
22713		XA240	74							P	MUBTBO	22	MUITBB	02	1	TT3	F2		35B		
22714		XA233	60							J	MUPDAA	01	MUPDAA	00	1	TQ2	E2		28A	MUPDGB BUSS	
22719		XA233	57							J	MUPDBA	01	MUPDBA	00	1	TQ2	E3		30B	MUPDGB BUSS	
22722		XA233	63							J	MUPDCA	01	MUPDCA	00	1	TQ2	E4		33B	MUPDGB BUSS	
22339		XA216	43		XA216	49		168	9		MUPDGB	01	MUA020	01	2	TQ2	D3		23B		
22346		XA216	49		XA216	50		168	9		MUPDGB	02	MUA030	01	2	TQ2	D4		24B		
22333		XA216	50		XA216	55		168	9		MUPDGB	03	MUA010	01	2	TQ2	D2		23A		
22367		XA216	55		XA216	56		168	9		MUPDGB	04	MUA060	01	2	TQ2	E3		29B		
22326		XA216	56		XA216	61		168	9		MUPDGB	05	MUA000	01	2	TQ2	D1		26A		
22374		XA216	61		XA216	64		168	9		MUPDGB	06	MUA070	01	2	TQ2	F4		32B		
22361		XA216	64		XA216	70		168	9		MUPDGB	07	MUA050	01	2	TQ2	E2		30A		
22354		XA216	70		XA216	73		168	9		MUPDGB	08	MUA040	01	2	TQ2	E1		33A		
22541		XA216	73		XA216	74		168	9		MUPDGB	09	MUB010	01	2	TQ2	F2		36B		
22548		XA216	74		XA216	78		168	9		MUPDGB	10	MUB020	01	2	TQ2	E3		35B		
22554		XA216	78		XA216	79		168	9		MUPDGB	11	MUB030	01	2	TQ2	F4		36A		
22534		XA216	79		XA319	05		168	9		MUPDGB	12	MUB000	01	2	TQ2	E1		35B		
22569		XA319	05		XA319	07		168	9		MUPDGB	13	MUB050	01	2	TQ2	A2		03B		
22575		XA319	07		XA319	10		168	9		MUPDGB	14	MUB060	01	2	TQ2	A3		03A		
22562		XA319	10		XA319	13		168	9		MUPDGB	15	MUB040	01	2	TQ2	A1		07A		
22582		XA319	13		XA320	31		168	9		MUPDGB	16	MUB070	01	2	TQ2	A4		06B		
22730		XA320	31		XA320	36		168	9		MUPDGB	17	MURABA	01	2	TQ2	C3		15B		
22751		XA320	36		XA320	37		168	9		MUPDGB	18	MURBAA	01	2	TQ2	C2		17A		
22753		XA320	37		XA320	42		168	9		MUPDGB	19	MURBBA	01	2	TQ2	C4		18B		
22728		XA320	42		XA320	50		168	9		MUPDGB	20	MURAAA	01	2	TQ2	C1		20A		
22757		XA320	50		XA320	56		168	9		MUPDGB	21	MURBCA	01	2	TQ2	D2		23A		
22734		XA320	56		XA323	05		168	9		MUPDGB	22	MURACA	01	2	TQ2	D1		26A		
22960		XA323	05		XA323	07		168	9		MUPDGB	23	MUMBAA	01	2	TQ2	A2		03B		
22939		XA323	07		XA323	10		168	9		MUPDGB	24	MUMABA	01	2	TQ2	A3		03A		
22937		XA323	10		XA323	13		168	9		MUPDGB	25	MUMAAA	01	2	TQ2	A1		07A		
22962		XA323	13		XA323	20		168	9		MUPDGB	26	MUMBBA	01	2	TQ2	A4		06B		
22966		XA323	20		XA323	26		168	9		MUPDGB	27	MUMBCA	01	2	TQ2	B2		11A		
22943		XA323	26		XA240	79		168	9		MUPDGB	28	MUMACA	01	2	TQ2	B1		14A		
22505		XA240	79		XA240	72		168	9		MUPDGB	29	MUBTAD	01	3	TT3	F1		39B		
22508		XA240	72		XA240	62		168	9		MUPDGB	30	MUBTBO	01	3	TT3	F2		34A		
22297		XA240	62		XA240	61		168	9		MUPDGB	31	MUATAO	01	3	TT3	E2		29A		
22300		XA240	61		XA233	60		168	9		MUPDGB	32	MUATBO	01	3	TT3	E3		32B		
22724		XA233	60		XA233	57		168	9	P	MUPDAA	33	MUPDGB	01	1	TQ2	E2		28A	BIT POST DISCHARGE	
22723		XA233	57		XA233	63		168	9	P	MUPDBA	34	MUPDGB	02	1	TQ2	E3		30B		
22725		XA233	63							P	MUPDCA	35	MUPDGB	03	1	TQ2	E4		33B		
22726		XA320	38							J	MURAAA	01	MURAAA	00	1	TQ2	C1		18A	MUREAB BUSS	
								****			SIGNAL		MURABA							IS ON THE NEXT PAGE ****	

DRAWING NUMBER 149304-800 STRING  
 UNIT ASSEMBLY NAME CARD CAGE WIRED, MCU

UNIT ASSEMBLY NO. 149304  
 FILE IDENT T39AMCMU

REV G INDEX MURABA  
 DATE 09-02-82 PAGE 185

RECORD NUMBER	FROM				TO				WIRE				SIGNAL	SEQ NO	EQUATION	TERM	CKT OR CHIP TYPE	GROUP	LOAD OR POWER PLANE	TEST POINTS AND/OR	SIGNAL DESCRIPTION		ECO NO	
	PREFIX	CONNECTOR	PIN	SN FC	PREFIX	CONNECTOR	PIN	SN FC	MULTI GROUP	CODE	COLOR	IDENT									EPIC INST	INSUL		DESCRIPTION
22731		XA320	33										J	MURABA	01	MURABA	00	1	TQ2	C3	16B	MUREBB	BUSS	
22732		XA320	52										J	MURACA	01	MURACA	00	1	TQ2	D1	24A	MURECB	BUSS	
22735		XA320	06		XA320	01				16B	9	P	MURETA	01	MURATB	02	1	TQ2	A1		05A			
22885		XA219	68		XA219	62				16B	9	P	MURFTA	02	MURATB	01	1	TQ2	A2		02B	BIT READ SRCE	IMG	
22888		XA219	62		XA219	54				16B	9		MURATB	03	MUT150	01	1	TQ2	E1		32A			
22873		XA219	54		XA219	48				16B	9		MURATB	04	MUT160	01	1	TQ2	E2		29A			
22876		XA219	48		XA219	47				16B	9		MURATB	05	MUT110	01	1	TQ2	D1		25A			
22881		XA219	47		XA219	41				16B	9		MURATB	06	MUT120	01	1	TQ2	D2		22A			
22878		XA219	41		XA219	40				16B	9		MURATB	07	MUT140	01	1	TQ2	D4		25B			
22861		XA219	40		XA219	34				16B	9		MURATB	08	MUT130	01	1	TQ2	D3		22B			
22864		XA219	34		XA219	35				16B	9		MURATB	09	MUTO70	01	1	TQ2	C1		19A			
22869		XA219	35		XA219	29				16B	9		MURATB	10	MUTO80	01	1	TQ2	C2		16A			
22866		XA219	29		XA219	23				16B	9		MURATB	11	MUT100	01	1	TQ2	C4		17B			
22857		XA219	23		XA219	24				16B	9		MURATB	12	MUTO90	01	1	TQ2	C3		14B			
22849		XA219	24		XA219	18				16B	9		MURATB	13	MUTO60	01	1	TQ2	B4		11B			
22852		XA219	18		XA219	17				16B	9		MURATB	14	MUTO30	01	1	TQ2	B1		13A			
22854		XA219	17		XA219	11				16B	9		MURATB	15	MUTO40	01	1	TQ2	B2		10A			
22845		XA219	11		XA219	03				16B	9		MURATB	16	MUTO50	01	1	TQ2	B3		08B			
22842		XA219	03		XA219	04				16B	9		MURATB	17	MUTO20	01	1	TQ2	A4		05B			
22840		XA219	04		XA219	04				16B	9		MURATB	18	MUTO10	01	1	TQ2	A3		02A			
													MURATB	19	MUTO00	01	1	TQ2	A2		04A			
22737		XA315	06										J	MURAWA	01	MURAWA	00	1	TQ2	A1	05A	MDRIAB	BUSS	
22740		XA315	01										J	MURAXA	01	MURAXA	00	1	TQ2	A2	02B	MDRIAB	BUSS	
22745		XA315	09										J	MURAYA	01	MURAYA	00	1	TQ2	A3	04B	MDRIAB	BUSS	
22748		XA315	15										J	MURAZA	01	MURAZA	00	1	TQ2	A4	07B	MDRIAB	BUSS	
22749		XA320	30										J	MURBAA	01	MURBAA	00	1	TQ2	C2	15A	MUREAB	BUSS	
22754		XA320	39										J	MURBBA	01	MURBBA	00	1	TQ2	C4	19B	MUREBB	BUSS	
22755		XA320	46										J	MURBCA	01	MURBCA	00	1	TQ2	D2	21A	MURECB	BUSS	
22837		XA219	08		XA219	53				16B	9		MURBTB	01	MUTOPO	01	1	TQ2	A1		06A			
22890		XA219	53		XA219	59				16B	9		MURBTB	02	MUT170	01	1	TQ2	E3		28B			
22893		XA219	59		XA219	65				16B	9		MURBTB	03	MUT180	01	1	TQ2	E4		31B			
22902		XA219	65		XA219	71				16B	9		MURBTB	04	MUT210	01	1	TQ2	F3		34B			
22899		XA219	71		XA219	77				16B	9		MURBTB	05	MUT200	01	1	TQ2	F2		36A			
22897		XA219	77		XA219	76				16B	9		MURBTB	06	MUT190	01	1	TQ2	F1		38B			
22905		XA219	76		XA320	09				16B	9		MURBTB	07	MUT220	01	1	TQ2	F4		37A			
22758		XA320	09		XA320	15				16B	9	P	MURGTA	08	MURBTB	01	1	TQ2	A3		04B	BIT READ SRCE	IMG	
22759		XA320	15		XA319	18				16B	9	P	MURHTA	09	MURBTB	02	1	TQ2	A4		07B			
22912		XA319	18		XA319	17				16B	9		MURBTB	10	MUT240	01	1	TQ2	B2		10A			
22914		XA319	17		XA319	23				16B	9		MURBTB	11	MUT250	01	1	TQ2	B3		08B			
22917		XA319	23		XA319	24				16B	9		MURBTB	12	MUT260	01	1	TQ2	B4		11B			
													****	SIGNAL (MURBTB)		IS ON THE					****			

DRAWING NUMBER 149304-800 STRING  
 UNIT ASSEMBLY NAME CARD CAGE WIRED, MCU

UNIT ASSEMBLY NO. 149304  
 FILE IDENT T39AMCMU

REV G INDEX MURBTB  
 DATE 09-02-82 PAGE 186

RECORD NUMBER	FROM			TO			WIRE				SIGNAL	SEQ NO	EQUATION	TERM	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										
22909		XA319	24		XA319	34		168	9		MURBTB	13	MUT230	01	1	TQ2	B1	13A		
22924		XA319	34		XA319	35		168	9		MURBTB	14	MUT280	01	1	TQ2	C2	14A		
22929		XA319	35		XA319	29		168	9		MURBTB	15	MUT300	01	1	TQ2	C4	17B		
22926		XA319	29		XA319	40		168	9		MURBTB	16	MUT290	01	1	TQ2	C3	14B		
22921		XA319	40		XA319	54		168	9		MURBTB	17	MUT270	01	1	TQ2	C1	19A		
22933		XA319	54		XA319	54		168	9		MURBTB	18	MUT310	01	1	TQ2	D1	25A		
22760		XA315	22							J	MURBWA	01	MURBWA	00	1	TQ2	B1	12A	MDRIBB BUSS	
22763		XA315	14							J	MURBXA	01	MURBXA	00	1	TQ2	B2	09A	MDRIBB BUSS	
22768		XA315	21							J	MURBYA	01	MURBYA	00	1	TQ2	B3	10B	MDRIBB BUSS	
22771		XA315	27							J	MURBZA	01	MURBZA	00	1	TQ2	B4	13B	MDRIBB BUSS	
22772		XA315	38							J	MURCWA	01	MURCWA	00	1	TQ2	C1	18A	MDRICB BUSS	
22775		XA315	30							J	MURCXA	01	MURCXA	00	1	TQ2	C2	15A	MDRICB BUSS	
22780		XA315	33							J	MURCYA	01	MURCYA	00	1	TQ2	C3	16B	MDRICB BUSS	
22783		XA315	39							J	MURCZA	01	MURCZA	00	1	TQ2	C4	19B	MDRICB BUSS	
22784		XA236	20		XA323	34		168	9		MURDTA	01	MURDTA	00	1	TT3	B1	11A	BIT READ SRCE TMG*	
22789		XA323	34								MURDTA	02	MURDTA	01	1	TQ2	C2	16A		
22810		XA320	08		XA320	04		168	9		MURDT0	01	MURETA	01	1	TQ2	A1	06A		
22825		XA320	04		XA320	03		168	9		MURDT0	02	MURETA	01	1	TQ2	A2	04A		
22827		XA320	03		XA320	11		168	9		MURDT0	03	MURGTA	01	1	TQ2	A3	02A		
22830		XA320	11		XA323	30		168	9		MURDT0	04	MURHTA	01	1	TQ2	A4	05B		
22788		XA323	30								MURDT0	05	MURDT0	00	1	TQ2	C2	15A	BIT READ SRCE TMG	
22791		XA315	52							J	MURDWA	01	MURDWA	00	1	TQ2	D1	24A	MDRIDB BUSS	
22794		XA315	46							J	MURDXA	01	MURDXA	00	1	TQ2	D2	21A	MDRIDB BUSS	
22799		XA315	45							J	MURDYA	01	MURDYA	00	1	TQ2	D3	24B	MDRIDB BUSS	
22802		XA315	51							J	MURDZA	01	MURDZA	00	1	TQ2	D4	27B	MDRIDB BUSS	
20502		XA218	04		XA218	03		168	9		MUREAB	01	MDR00A	01	1	TQ2	A2	04A		
20504		XA218	03		XA218	11		168	9		MUREAB	02	MDR01A	01	1	TQ2	A3	02A		
20507		XA218	11		XA218	17		168	9		MUREAB	03	MDR02A	01	1	TQ2	A4	05B		
20516		XA218	17		XA218	18		168	9		MUREAB	04	MDR05A	01	1	TQ2	B3	08B		
20514		XA218	18		XA218	24		168	9		MUREAB	05	MDR04A	01	1	TQ2	B2	10A		
20511		XA218	24		XA218	23		168	9		MUREAB	06	MDR03A	01	1	TQ2	B1	13A		
20519		XA218	23		XA218	29		168	9		MUREAB	07	MDR06A	01	1	TQ2	B4	11B		
20528		XA218	29		XA218	35		168	9		MUREAB	08	MDR09A	01	1	TQ2	C3	14B		
20531		XA218	35		XA218	34		168	9		MUREAB	09	MDR10A	01	1	TQ2	C4	17B		
20526		XA218	34		XA218	40		168	9		MUREAB	10	MDR08A	01	1	TQ2	C2	16A		
											****	SIGNAL	MUREAB	IS ON THE NEXT PAGE			****			

DRAWING NUMBER 149304-800 STRING  
 UNIT ASSEMBLY NAME CARD CAGE WIRED, MCU

UNIT ASSEMBLY NO. 149304  
 FILE IDENT T39AMCMU

REV G INDEX MUREAB  
 DATE 09-02-82 PAGE 187

RECORD NUMBER	FROM				TO				WIRE				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 PG	PREFIX	CONNECTOR	PIN	SH PG	MULTI GROUP	CODE	COLOR	IDENT										
20523		XA218	40		XA320	38				168	9		MUREAB	11	MDR07A	01 1	TQ2	C1		19A		
22804		XA320	38		XA320	30				168	9		MURAAA	12	MUREAB	01 1	TQ2	C1		18A	BIT COIN CUR	
22803		XA320	30		XA315	24				168	9		MURBAA	13	MUREAB	02 1	TQ2	C2		15A		
22761		XA315	24		XA315	23				168	9		MUREAB	14	MURBWA	01 1	TQ2	B1		13A		
22769		XA315	23		XA315	17				168	9		MUREAB	15	MURBZA	01 1	TQ2	B4		11B		
22766		XA315	17		XA315	18				168	9		MUREAB	16	MURBYA	01 1	TQ2	B3		08B		
22764		XA315	18		XA315	11				168	9		MUREAB	17	MURBXA	01 1	TQ2	B2		10A		
22746		XA315	11		XA315	03				168	9		MUREAB	18	MURAZA	01 1	TQ2	A4		05B		
22743		XA315	03		XA315	04				168	9		MUREAB	19	MURAYA	01 1	TQ2	A3		02A		
22741		XA315	04		XA315	08				168	9		MUREAB	20	MURAXA	01 1	TQ2	A2		04A		
22738		XA315	08										MUREAB	21	MURAWA	01 1	TQ2	A1		06A		
20540		XA218	41		XA218	47				168	9		MUREBB	01	MDR13A	01 1	TQ2	D3		22B		
20543		XA218	47		XA218	48				168	9		MUREBB	02	MDR14A	01 1	TQ2	D4		25B		
20538		XA218	48		XA218	54				168	9		MUREBB	03	MDR12A	01 1	TQ2	D2		22A		
20535		XA218	54		XA218	53				168	9		MUREBB	04	MDR11A	01 1	TQ2	D1		25A		
20552		XA218	53		XA218	59				168	9		MUREBB	05	MDR17A	01 1	TQ2	E3		28B		
20555		XA218	59		XA218	62				168	9		MUREBB	06	MDR18A	01 1	TQ2	E4		31B		
20550		XA218	62		XA218	68				168	9		MUREBB	07	MDR16A	01 1	TQ2	E2		29A		
20547		XA218	68		XA218	65				168	9		MUREBB	08	MDR15A	01 1	TQ2	E1		32A		
20564		XA218	65		XA218	71				168	9		MUREBB	09	MDR21A	01 1	TQ2	F3		34B		
20561		XA218	71		XA218	77				168	9		MUREBB	10	MDR20A	01 1	TQ2	F2		36A		
20559		XA218	77		XA320	33				168	9		MUREBB	11	MDR19A	01 1	TQ2	F1		38B		
22805		XA320	33		XA320	39				168	9		MURABA	12	MUREBB	01 1	TQ2	C3		16B	BIT COIN CUR	
22806		XA320	39		XA315	40				168	9		MURBBA	13	MUREBB	02 1	TQ2	C4		19B		
22773		XA315	40		XA315	34				168	9		MUREBB	14	MURCWA	01 1	TQ2	C1		19A		
22776		XA315	34		XA315	35				168	9		MUREBB	15	MURCXA	01 1	TQ2	C2		16A		
22781		XA315	35		XA315	29				168	9		MUREBB	16	MURCZA	01 1	TQ2	C4		17B		
22778		XA315	29										MUREBB	17	MURCYA	01 1	TQ2	C3		14B		
22813		XA315	68		XA315	62				168	9		MURECB	01	MUREWA	01 1	TQ2	E1		32A		
22816		XA315	62		XA315	59				168	9		MURECB	02	MUREXA	01 1	TQ2	E2		29A		
22821		XA315	59		XA315	41				168	9		MURECB	03	MUREZA	01 1	TQ2	E4		31B		
22797		XA315	41		XA315	48				168	9		MURECB	04	MURDYA	01 1	TQ2	D3		22B		
22795		XA315	48		XA315	47				168	9		MURECB	05	MURDXA	01 1	TQ2	D2		22A		
22800		XA315	47		XA315	53				168	9		MURECB	06	MURDZA	01 1	TQ2	D4		25B		
22818		XA315	53		XA315	54				168	9		MURECB	07	MUREYA	01 1	TQ2	E3		28B		
22792		XA315	54		XA320	52				168	9		MURECB	08	MURDWA	01 1	TQ2	D1		25A		
22808		XA320	52		XA320	46				168	9		MURACA	09	MURECB	01 1	TQ2	D1		24A	BIT COIN CUR	
22807		XA320	46		XA318	40				168	9		MURBCA	10	MURECB	02 1	TQ2	D2		21A		
20595		XA318	40		XA318	23				168	9		MURECB	11	MDR31A	01 1	TQ2	C1		19A		
20591		XA318	23		XA318	24				168	9		MURECB	12	MDR30A	01 1	TQ2	B4		11B		
20583		XA318	24		XA318	18				168	9		MURECB	13	MDR27A	01 1	TQ2	B1		13A		
20586		XA318	18		XA318	17				168	9		MURECB	14	MDR28A	01 1	TQ2	B2		10A		
20588		XA318	17		XA318	11				168	9		MURECB	15	MDR29A	01 1	TQ2	B3		08B		
20579		XA318	11		XA318	08				168	9		MURECB	16	MDR26A	01 1	TQ2	A4		05B		
20571		XA318	08		XA318	04				168	9		MURECB	17	MDR23A	01 1	TQ2	A1		06A		
20574		XA318	04		XA318	03				168	9		MURECB	18	MDR24A	01 1	TQ2	A2		04A		
20576		XA318	03		XA218	76				168	9		MURECB	19	MDR25A	01 1	TQ2	A3		02A		
20567		XA218	76		XA218	08				168	9		MURECB	20	MDR22A	01 1	TQ2	F4		37A		
										****	SIGNAL	(MURECB)	IS ON THE	NEXT PAGE	****							

TM 11-5895-856-34-21/EE640-CA-MMI-210/E154 CPU/TO 31W2-2T-122-21

DRAWING NUMBER 149304-800 STRING UNIT ASSEMBLY NO. 149304 REV G INDEX MURECB  
 UNIT ASSEMBLY NAME CARD CAGE WIRED, MCU FILE IDENT T39AMCMU DATE 09-02-82 PAGE 188

RECORD NUMBER	FROM			TO			WIRE				SIGNAL	SEQ NO	EQUATION	TERM	CKT OR CHIP TYPE	GROUP	LOAD OR POWER PLANE	TEST POINTS AND/OR	SIGNAL DESCRIPTION	ECO NO
	PREFIX	CONNECTOR	PIN	PREFIX	CONNECTOR	PIN	SH #	MULTI GROUP	CODE	COLOR										
20499		XA218	08									MURECB	21	MDROPA	01	1	TQ2	A1	06A	
22809		XA320	06								J	MURETA	01	MURETA	00	1	TQ2	A1	05A	MURATB BUSS
22812		XA315	66								J	MUREWA	01	MUREWA	00	1	TQ2	E1	31A	MDRIEB BUSS
22815		XA315	60								J	MUREXA	01	MUREXA	00	1	TQ2	E2	28A	MDRIEB BUSS
22820		XA315	57								J	MUREYA	01	MUREYA	00	1	TQ2	E3	30B	MDRIEB BUSS
22823		XA315	63								J	MUREZA	01	MUREZA	00	1	TQ2	E4	33B	MDRIEB BUSS
22824		XA320	01								J	MURFTA	01	MURFTA	00	1	TQ2	A2	02B	MURATB BUSS
22829		XA320	09								J	MURGTA	01	MURGTA	00	1	TQ2	A3	04B	MURBTB BUSS
22832		XA320	15								J	MURHTA	01	MURHTA	00	1	TQ2	A4	07B	MURBTB BUSS
22835		XA235	39		XA240	53			16B	9		MURSTA	01	MURSTA	00	1	TQ2	C4	19B	BIT READ SINK TMG
22294		XA240	53		XA240	57			16B	9		MURSTA	02	MUATAO	01	1	TT3	F2	28B	
22298		XA240	57		XA240	65			16B	9		MURSTA	03	MUATB0	01	1	TT3	E3	30B	
22506		XA240	65		XA240	75			16B	9		MURSTA	04	MUBTBO	01	1	TT3	F2	34B	
22503		XA240	75									MURSTA	05	MUBTAO	01	1	TT3	F1	37B	
20626		XA217	08		XA218	10			16B	9		MUTOPO	01	MDWOPA	01	1	TQ2	A1	06A	
20500		XA218	10		XA219	06			16B	9		MUTOPO	02	MDROPA	01	2	TQ2	A1	07A	
22836		XA219	06									MUTOPO	03	MUTOPO	00	1	TQ2	A1	05A	BIT OP SRCE
22839		XA219	01		XA218	05			16B	9		MUTO00	01	MUTO00	00	1	TQ2	A2	02B	BIT 00 SRCE
20503		XA218	05		XA217	04			16B	9		MUTO00	02	MDRO0A	01	2	TQ2	A2	03B	
20629		XA217	04									MUTO00	03	MDW00A	01	1	TQ2	A2	04A	
22844		XA219	09		XA218	07			16B	9		MUTO10	01	MUTO10	00	1	TQ2	A3	04B	BIT 01 SRCE
20505		XA218	07		XA217	03			16B	9		MUTO10	02	MDRO1A	01	2	TQ2	A3	03A	
20631		XA217	03									MUTO10	03	MDW01A	01	1	TQ2	A3	02A	
22847		XA219	15		XA218	13			16B	9		MUTO20	01	MUTO20	00	1	TQ2	A4	07B	BIT 02 SRCE
20508		XA218	13		XA217	11			16B	9		MUTO20	02	MDRO2A	01	2	TQ2	A4	06B	
20634		XA217	11									MUTO20	03	MDW02A	01	1	TQ2	A4	05B	
20638		XA217	24		XA218	26			16B	9		MUTO30	01	MDW03A	01	1	TQ2	B1	13A	BIT 03 SRCE
20512		XA218	26		XA219	22			16B	9		MUTO30	02	MDRO3A	01	2	TQ2	B1	14A	
22848		XA219	22									MUTO30	03	MUTO30	00	1	TQ2	B1	12A	
22851		XA219	14		XA218	20			16B	9		MUTO40	01	MUTO40	00	1	TQ2	B2	09A	BIT 04 SRCE
20515		XA218	20		XA217	18			16B	9		MUTO40	02	MDRO4A	01	2	TQ2	B2	11A	
20641		XA217	18									MUTO40	03	MDW04A	01	1	TQ2	B2	10A	
20643		XA217	17		XA218	19			16B	9		MUTO50	01	MDW05A	01	1	TQ2	B3	08B	BIT 05 SRCE
20517		XA218	19		XA219	21			16B	9		MUTO50	02	MDRO5A	01	2	TQ2	B3	09B	
									****	SIGNAL		MUTO50		IS ON THE						****



DRAWING NUMBER 149304-800 STRING  
 UNIT ASSEMBLY NAME CARD CAGE WIRED, MCU

UNIT ASSEMBLY NO. 149304  
 FILE IDENT T39AMCMU

REV G INDEX MUT050  
 DATE 09-02-82 PAGE 189

RECORD NUMBER	FROM			TO			WIRE				SPEC. INST. MISS.	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	BIT	MULTI GROUP	CODE	COLOR													IDENT
22856		XA219	21									MUT050	03	MUT050	00	1	TQ2	B3		10B	BIT 05 SRCE		
22859		XA219	27	XA218	25			16B	9			MUT060	01	MUT060	00	1	TQ2	B4		13B	BIT 06 SRCE		
20520		XA218	25	XA217	23			16B	9			MUT060	02	MDR06A	01	2	TQ2	B4		12B			
20646		XA217	23									MUT060	03	MDW06A	01	1	TQ2	B4		11B			
20650		XA217	40	XA218	42			16B	9			MUT070	01	MDW07A	01	1	TQ2	C1		19A			
20524		XA218	42	XA219	38			16B	9			MUT070	02	MDR07A	01	2	TQ2	C1		20A			
22860		XA219	38									MUT070	03	MUT070	00	1	TQ2	C1		18A	BIT 07 SRCE		
22863		XA219	30	XA218	36			16B	9			MUT080	01	MUT080	00	1	TQ2	C2		15A	BIT 08 SRCE		
20527		XA218	36	XA217	34			16B	9			MUT080	02	MDR08A	01	2	TQ2	C2		17A			
20653		XA217	34									MUT080	03	MDW08A	01	1	TQ2	C2		16A			
20655		XA217	29	XA218	31			16B	9			MUT090	01	MDW09A	01	1	TQ2	C3		14B			
20529		XA218	31	XA219	33			16B	9			MUT090	02	MDR09A	01	2	TQ2	C3		15B			
22868		XA219	33									MUT090	03	MUT090	00	1	TQ2	C3		16B	BIT 09 SRCE		
22871		XA219	39	XA218	37			16B	9			MUT100	01	MUT100	00	1	TQ2	C4		19B	BIT 10 SRCE		
20532		XA218	37	XA217	35			16B	9			MUT100	02	MDR10A	01	2	TQ2	C4		18B			
20658		XA217	35									MUT100	03	MDW10A	01	1	TQ2	C4		17B			
20662		XA217	54	XA218	56			16B	9			MUT110	01	MDW11A	01	1	TQ2	D1		25A			
20536		XA218	56	XA219	52			16B	9			MUT110	02	MDR11A	01	2	TQ2	D1		26A			
22872		XA219	52									MUT110	03	MUT110	00	1	TQ2	D1		24A	BIT 11 SRCE		
22875		XA219	46	XA218	50			16B	9			MUT120	01	MUT120	00	1	TQ2	D2		21A	BIT 12 SRCE		
20539		XA218	50	XA217	48			16B	9			MUT120	02	MDR12A	01	2	TQ2	D2		23A			
20665		XA217	48									MUT120	03	MDW12A	01	1	TQ2	D2		22A			
20667		XA217	41	XA218	43			16B	9			MUT130	01	MDW13A	01	1	TQ2	D3		22B			
20541		XA218	43	XA219	45			16B	9			MUT130	02	MDR13A	01	2	TQ2	D3		23B			
22880		XA219	45									MUT130	03	MUT130	00	1	TQ2	D3		24B	BIT 13 SRCE		
20670		XA217	47	XA218	49			16B	9			MUT140	01	MDW14A	01	1	TQ2	D4		25B			
20544		XA218	49	XA219	51			16B	9			MUT140	02	MDR14A	01	2	TQ2	D4		26B			
22883		XA219	51									MUT140	03	MUT140	00	1	TQ2	D4		27B	BIT 14 SRCE		
20674		XA217	68	XA218	70			16B	9			MUT150	01	MDW15A	01	1	TQ2	E1		32A			
20548		XA218	70	XA219	66			16B	9			MUT150	02	MDR15A	01	2	TQ2	E1		33A			
22884		XA219	66									MUT150	03	MUT150	00	1	TQ2	E1		31A	BIT 15 SRCE		
20677		XA217	62	XA218	64			16B	9			MUT160	01	MDW16A	01	1	TQ2	E2		29A			
20551		XA218	64	XA219	60			16B	9			MUT160	02	MDR16A	01	2	TQ2	E2		30A			
22887		XA219	60									MUT160	03	MUT160	00	1	TQ2	E2		28A	BIT 16 SRCE		
20679		XA217	53	XA218	55			16B	9			MUT170	01	MDW17A	01	1	TQ2	E3		28B			
20553		XA218	55	XA219	57			16B	9			MUT170	02	MDR17A	01	2	TQ2	E3		29B			
22892		XA219	57									MUT170	03	MUT170	00	1	TQ2	E3		30B	BIT 17 SRCE		
												****	SIGNAL	{MUT180		IS ON THE	NEXT PAGE	****					

DRAWING NUMBER 149304-800 STRING  
 UNIT ASSEMBLY NAME CARD CAGE WIRED, MCU

UNIT ASSEMBLY NO. 149304  
 FILE IDENT T39AMCMU

REV G INDEX MUT180  
 DATE 09-02-82 PAGE 190

RECORD NUMBER	FROM				TO				WIRE			SIGNAL	SEQ NO	EQUATION	TERM	FACTORY	CKT OR CHIP TYPE	GRD	LOAD OR POWER PLANE	TEST POINTS AND/OR	SIGNAL DESCRIPTION	ECO NO
	PREFIX	CONNECTOR	PIN	SH FS	PREFIX	CONNECTOR	PIN	SH FS	MULTI GROUP	CODE	COLOR											
20682		XA217	59		XA218	61				168	9		MUT180	01	MDW18A	01	1	TQ2	E4	31B		
20556		XA218	61		XA219	63				168	9		MUT180	02	MDR18A	01	2	TQ2	E4	32B		
22895		XA219	63										MUT180	03	MUT180	00	1	TQ2	E4	33B	BIT 18 SRCE	
22896		XA219	75		XA218	79				168	9		MUT190	01	MUT190	00	1	TQ2	F1	37B	BIT 19 SRCE	
20560		XA218	79		XA217	77				168	9		MUT190	02	MDR19A	01	2	TQ2	F1	39B		
20686		XA217	77										MUT190	03	MDW19A	01	1	TQ2	F1	38B		
20688		XA217	71		XA218	73				168	9		MUT200	01	MDW20A	01	1	TQ2	F2	36A		
20563		XA218	73		XA219	72				168	9		MUT200	02	MDR20A	01	2	TQ2	F2	36B		
22900		XA219	72										MUT200	03	MUT200	00	1	TQ2	F2	34A	BIT 20 SRCE	
20566		XA218	74		XA219	69				168	9		MUT210	01	MDR21A	01	2	TQ2	F3	35B		
22903		XA219	69		XA217	65				168	9		MUT210	02	MUT210	00	1	TQ2	F3	35A	BIT 21 SRCE	
20691		XA217	65										MUT210	03	MDW21A	01	1	TQ2	F3	34B		
20694		XA217	76		XA218	78				168	9		MUT220	01	MDW22A	01	1	TQ2	F4	37A		
20568		XA218	78		XA219	80				168	9		MUT220	02	MDR22A	01	2	TQ2	F4	38A		
22907		XA219	80										MUT220	03	MUT220	00	1	TQ2	F4	39A	BIT 22 SRCE	
22908		XA319	22		XA318	10				168	9		MUT230	01	MUT230	00	1	TQ2	A1	12A	BIT 23 SRCE	
20572		XA318	10		XA317	08				168	9		MUT230	02	MDR23A	01	2	TQ2	A1	07A		
20698		XA317	08										MUT230	03	MDW23A	01	1	TQ2	A1	06A		
20701		XA317	04		XA318	05				168	9		MUT240	01	MDW24A	01	1	TQ2	A2	04A		
20575		XA318	05		XA319	14				168	9		MUT240	02	MDR24A	01	2	TQ2	A2	03B		
22911		XA319	14										MUT240	03	MUT240	00	1	TQ2	B2	09A	BIT 24 SRCE	
22916		XA319	21		XA318	07				168	9		MUT250	01	MUT250	00	1	TQ2	B3	10B	BIT 25 SRCE	
20577		XA318	07		XA317	03				168	9		MUT250	02	MDR25A	01	2	TQ2	A3	03A		
20703		XA317	03										MUT250	03	MDW25A	01	1	TQ2	A3	02A		
20706		XA317	11		XA318	13				168	9		MUT260	01	MDW26A	01	1	TQ2	A4	05B		
20580		XA318	13		XA319	27				168	9		MUT260	02	MDR26A	01	2	TQ2	A4	06B		
22919		XA319	27										MUT260	03	MUT260	00	1	TQ2	B4	13B	BIT 26 SRCE	
22920		XA319	38		XA318	26				168	9		MUT270	01	MUT270	00	1	TQ2	C1	18A	BIT 27 SRCE	
20584		XA318	26		XA317	24				168	9		MUT270	02	MDR27A	01	2	TQ2	B1	14A		
20710		XA317	24										MUT270	03	MDW27A	01	1	TQ2	B1	13A		
20713		XA317	18		XA318	20				168	9		MUT280	01	MDW28A	01	1	TQ2	B2	10A		
20587		XA318	20		XA319	30				168	9		MUT280	02	MDR28A	01	2	TQ2	B2	11A		
22923		XA319	30										MUT280	03	MUT280	00	1	TQ2	C2	15A	BIT 28 SRCE	
22928		XA319	33		XA318	19				168	9		MUT290	01	MUT290	00	1	TQ2	C3	16B	BIT 29 SRCE	
20589		XA318	19		XA317	17				168	9		MUT290	02	MDR29A	01	2	TQ2	B3	09B		
20715		XA317	17										MUT290	03	MDW29A	01	1	TQ2	B3	08B		
20718		XA317	23		XA318	25				168	9		MUT300	01	MDW30A	01	1	TQ2	B4	11B		
20592		XA318	25		XA319	39				168	9		MUT300	02	MDR30A	01	2	TQ2	B4	12B		
										***	SIGNAL	MUT300		IS ON THE							NEXT PAGE	***

DRAWING NUMBER 149304-800 STRING  
 UNIT ASSEMBLY NAME CARD CAGE WIRED, MCU

UNIT ASSEMBLY NO. 149304  
 FILE IDENT T39AMCMU

REV G INDEX MUT300  
 DATE 09-02-82 PAGE 191

RECORD NUMBER	FROM				TO				WIRE				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	IN FC	PREFIX	CONNECTOR	PIN	IN FC	MULTI GROUP	CODE	COLOR	IDENT											
22931		XA319	39										MUT300	03	MUT300	00	1	TQ2	C4		19B	BIT 30 SRCE	
22932		XA319	52		XA318	42				16B	9		MUT310	01	MUT310	00	1	TQ2	D1		24A	BIT 31 SRCE	
20596		XA318	42		XA317	40				16B	9		MUT310	02	MWR31A	01	2	TQ2	C1		20A		
20722		XA317	40										MUT310	03	MWR31A	01	1	TQ2	C1		19A		
22935		XA323	06									J	MUWAAA	01	MUWAAA	00	1	TQ2	A1		05A	MUWEAB BUSS	
22940		XA323	09									J	MUWABA	01	MUWABA	00	1	TQ2	A3		04B	MUWEBB BUSS	
22941		XA323	22									J	MUWACA	01	MUWACA	00	1	TQ2	B1		12A	MUWECB BUSS	
22944		XA320	14		XA320	22				16B	9	P	MUWFTO	01	MUWATB	02	1	TQ2	B2		09A		
22945		XA320	22		XA318	34				16B	9	P	MUWETO	02	MUWATB	01	1	TQ2	B1		12A	BIT WRITE SRCE TMG	
23349		XA318	34		XA318	29				16B	9		MUWATB	03	MWT02A	01	1	TQ2	C2		16A		
23351		XA318	29		XA318	35				16B	9		MUWATB	04	MWT03A	01	1	TQ2	C3		14B		
23354		XA318	35		XA318	41				16B	9		MUWATB	05	MWT04A	01	1	TQ2	C4		17B		
23363		XA318	41		XA319	41				16B	9		MUWATB	06	MWT07A	01	1	TQ2	D3		22B		
23342		XA319	41		XA319	47				16B	9		MUWATB	07	MWT00A	01	1	TQ2	D3		22B		
23345		XA319	47		XA318	48				16B	9		MUWATB	08	MWT01A	01	1	TQ2	D6		25B		
23361		XA318	48		XA318	47				16B	9		MUWATB	09	MWT06A	01	1	TQ2	D2		22A		
23366		XA318	47		XA318	53				16B	9		MUWATB	10	MWT08A	01	1	TQ2	D4		25B		
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		
23373		XA318	62		XA318	59				16B	9		MUWATB	13	MWT10A	01	1	TQ2	E2		29A		
23378		XA318	59		XA318	65				16B	9		MUWATB	14	MWT12A	01	1	TQ2	F4		31B		
23387		XA318	65		XA318	71				16B	9		MUWATB	15	MWT15A	01	1	TQ2	F3		34B		
23384		XA318	71		XA318	77				16B	9		MUWATB	16	MWT14A	01	1	TQ2	F2		36A		
23382		XA318	77		XA318	76				16B	9		MUWATB	17	MWT13A	01	1	TQ2	F1		38B		
23390		XA318	76		XA318	68				16B	9		MUWATB	18	MWT16A	01	1	TQ2	F4		37A		
23370		XA318	68										MUWATB	19	MWT09A	01	1	TQ2	E1		32A		
22946		XA316	06									J	MUWAWA	01	MUWAWA	00	1	TQ2	A1		05A	MDWIAB BUSS	
22949		XA316	01									J	MUWAXA	01	MUWAXA	00	1	TQ2	A2		02B	MDWIAB BUSS	
22954		XA316	09									J	MUWAYA	01	MUWAYA	00	1	TQ2	A3		04B	MDWIAB BUSS	
22957		XA316	15									J	MUWAZA	01	MUWAZA	00	1	TQ2	A4		07B	MDWIAB BUSS	
22958		XA323	01									J	MUWBAA	01	MUWBAA	00	1	TQ2	A2		02B	MUWEAB BUSS	
22963		XA323	15									J	MUWBBA	01	MUWBBA	00	1	TQ2	A4		07B	MUWEBB BUSS	
22964		XA323	14									J	MUWBCA	01	MUWBCA	00	1	TQ2	B2		09A	MUWECB BUSS	
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		
23429		XA317	71		XA317	65				16B	9		MUWBTB	03	MWT29A	01	1	TQ2	F2		36A		
23432		XA317	65		XA317	68				16B	9		MUWBTB	04	MWT30A	01	1	TQ2	F3		34B		
												****	SIGNAL	(MUWBTB)	IS ON THE	NEXT PAGE	****						

DRAWING NUMBER 149304-800 STRING  
 UNIT ASSEMBLY NAME CARD CAGE WIRED, MCU

UNIT ASSEMBLY NO. 149304  
 FILE IDENT T39AMCMU

REV G INDEX MUWBTB  
 DATE 09-02-82 PAGE 192

RECORD NUMBER	FROM			TO			WIRE			MULTI GROUP	CODE	COLOR	IDENT	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																		
23415		XA317	68		XA317	62				168	9		MUWBTB	05	MWT24A	01	1	TQ2	E1		32A			
23418		XA317	62		XA317	59				168	9		MUWBTB	06	MWT25A	01	1	TQ2	E2		29A			
23423		XA317	59		XA317	53				168	9		MUWBTB	07	MWT27A	01	1	TQ2	E4		31B			
23420		XA317	53		XA317	54				168	9		MUWBTB	08	MWT26A	01	1	TQ2	E3		28B			
23403		XA317	54		XA317	48				168	9		MUWBTB	09	MWT20A	01	1	TQ2	D1		29A			
23406		XA317	48		XA317	47				168	9		MUWBTB	10	MWT21A	01	1	TQ2	D2		22A			
23411		XA317	47		XA317	41				168	9		MUWBTB	11	MWT23A	01	1	TQ2	D4		25B			
23408		XA317	41		XA317	35				168	9		MUWBTB	12	MWT22A	01	1	TQ2	D3		22B			
23399		XA317	35		XA317	29				168	9		MUWBTB	13	MWT19A	01	1	TQ2	C4		17B			
23396		XA317	29		XA317	34				168	9		MUWBTB	14	MWT18A	01	1	TQ2	C3		14B			
23394		XA317	34		XA320	27				168	9		MUWBTB	15	MWT17A	01	1	TQ2	C2		14A			
22968		XA320	27		XA320	21				168	9		MUWHTO	16	MUWBTB	02	1	TQ2	B4		13B			
22967		XA320	21		XA319	48				168	9	P	MUWGTO	17	MUWBTB	01	1	TQ2	B3		10B	BIT WRITE SRCE TMG		
23340		XA319	48										MUWBTB	18	MWTOPA	01	1	TQ2	D2		22A			
22969		XA316	22									J	MUWBWA	01	MUWBWA	00	1	TQ2	B1		12A	MDWIBB BUSS		
22972		XA316	14									J	MUWBXA	01	MUWBXA	00	1	TQ2	B2		09A	MDWIBB BUSS		
22977		XA316	21									J	MUWBYA	01	MUWBYA	00	1	TQ2	B3		10B	MDWIBB BUSS		
22980		XA316	27									J	MUWBZA	01	MUWBZA	00	1	TQ2	B4		13B	MDWIBB BUSS		
22981		XA316	38									J	MUWCWA	01	MUWCWA	00	1	TQ2	C1		18A	MDWICB BUSS		
22984		XA316	30									J	MUWCXA	01	MUWCXA	00	1	TQ2	C2		15A	MDWICB BUSS		
22989		XA316	33									J	MUWCYA	01	MUWCYA	00	1	TQ2	C3		16B	MDWICB BUSS		
22992		XA316	39									J	MUWCZA	01	MUWCZA	00	1	TQ2	C4		19B	MDWICB BUSS		
22996		XA236	15		XA320	18				168	9		MUWDTA	01	MUWDTA	00	1	TT3	A3		07B	BIT WRITE SRC TMG		
23031		XA320	18		XA320	17				168	9		MUWDTA	02	MUWFTO	01	1	TQ2	B2		10A			
23033		XA320	17		XA320	23				168	9		MUWDTA	03	MUWGTO	01	1	TQ2	B3		08B			
23036		XA320	23		XA320	24				168	9		MUWDTA	04	MUWHTO	01	1	TQ2	B4		11B			
23016		XA320	24										MUWDTA	05	MUWETO	01	1	TQ2	B1		13A			
22997		XA316	52									J	MUWDWA	01	MUWDWA	00	1	TQ2	D1		24A	MDWIDB BUSS		
23000		XA316	46									J	MUWDXA	01	MUWDXA	00	1	TQ2	D2		21A	MDWIDB BUSS		
23005		XA316	45									J	MUWDYA	01	MUWDYA	00	1	TQ2	D3		24B	MDWIDB BUSS		
23008		XA316	51									J	MUWDZA	01	MUWDZA	00	1	TQ2	D4		27B	MDWIDB BUSS		
23010		XA323	06		XA323	01				168	9	P	MUWAAA	01	MUWEAB	01	1	TQ2	A1		09A	BIT ANTI-COIN CUR		
23009		XA323	01		XA316	03				168	9	P	MUWBAA	02	MUWEAB	02	1	TQ2	A2		02B			
22952		XA316	03		XA316	23				168	9		MUWEAB	03	MUWAYA	01	1	TQ2	A3		02A			
22978		XA316	23		XA316	24				168	9		MUWEAB	04	MUWBZA	01	1	TQ2	B4		11B			
22970		XA316	24		XA316	18				168	9		MUWEAB	05	MUWBWA	01	1	TQ2	B1		13A			
										***		SIGNAL	MUWEAB		IS ON THE					****				

DRAWING NUMBER 149304-800 STRING  
 UNIT ASSEMBLY NAME CARD CAGE WIRED, MCU

UNIT ASSEMBLY NO. 149304  
 FILE IDENT T39AMCMU

REV G INDEX MUWEAB  
 DATE 09-02-82 PAGE 193

RECORD NUMBER	FROM			TO			WIRE				SPEC. IDENT	SIGNAL	SEQ NO	EQUATION	TERM	FACTORY	CKT OR CHIP TYPE	GROUP	LOAD OR POWER PLANE	TEST POINTS AND/OR	SIGNAL DESCRIPTION	ECO NO	
	PREFIX	CONNECTOR	PIN	PREFIX	CONNECTOR	PIN	NO	MULTI GROUP	CODE	COLOR													IDENT
22973		XA316	18		XA316	17			16B	9		MUWEAB	06	MUWXA	01	1	TQ2	B2		10A			
22975		XA316	17		XA316	11			16B	9		MUWEAB	07	MUWBYA	01	1	TQ2	B3		08B			
22955		XA316	11		XA316	08			16B	9		MUWEAB	08	MUWAZA	01	1	TQ2	A4		05B			
22947		XA316	08		XA316	04			16B	9		MUWEAB	09	MUWAWA	01	1	TQ2	A1		06A			
22950		XA316	04		XA217	42			16B	9		MUWEAB	10	MUWAXA	01	1	TQ2	A2		04A			
20651		XA217	42		XA217	36			16B	9		MUWEAB	11	MDW07A	01	2	TQ2	C1		20A			
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			
20656		XA217	31		XA217	25			16B	9		MUWEAB	14	MDW09A	01	2	TQ2	C3		15B			
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			
20642		XA217	20		XA217	19			16B	9		MUWEAB	17	MDW04A	01	2	TQ2	B2		11A			
20644		XA217	19		XA217	13			16B	9		MUWEAB	18	MDW05A	01	2	TQ2	B3		09B			
20635		XA217	13		XA217	07			16B	9		MUWEAB	19	MDW02A	01	2	TQ2	A4		06B			
20632		XA217	07		XA217	05			16B	9		MUWEAB	20	MDW01A	01	2	TQ2	A3		03A			
20630		XA217	05		XA217	05			16B	9		MUWEAB	21	MDW00A	01	2	TQ2	A2		03B			
22987		XA316	29		XA316	35			16B	9		MUWEAB	01	MUWCYA	01	1	TQ2	C3		14B			
22990		XA316	35		XA316	40			16B	9		MUWEAB	02	MUWCZA	01	1	TQ2	C4		17B			
22982		XA316	40		XA316	34			16B	9		MUWEAB	03	MUWCWA	01	1	TQ2	C1		19A			
22985		XA316	34		XA323	15			16B	9		MUWEAB	04	MUWCXA	01	1	TQ2	C2		16A			
23012		XA323	15		XA323	09			16B	9	P	MUWEAB	05	MUWBBA	02	1	TQ2	A6		07B			
23011		XA323	09		XA217	79			16B	9	P	MUWEAB	06	MUWABA	01	1	TQ2	A3		04B	BIT ANTI-COIN CUR		
20687		XA217	79		XA217	73			16B	9		MUWEAB	07	MDW19A	01	2	TQ2	F1		39B			
20690		XA217	73		XA217	74			16B	9		MUWEAB	08	MDW20A	01	2	TQ2	F2		36B			
20693		XA217	74		XA217	70			16B	9		MUWEAB	09	MDW21A	01	2	TQ2	F3		35B			
20675		XA217	70		XA217	64			16B	9		MUWEAB	10	MDW15A	01	2	TQ2	E1		33A			
20678		XA217	64		XA217	61			16B	9		MUWEAB	11	MDW16A	01	2	TQ2	E2		30A			
20683		XA217	61		XA217	55			16B	9		MUWEAB	12	MDW18A	01	2	TQ2	E4		32B			
20680		XA217	55		XA217	56			16B	9		MUWEAB	13	MDW17A	01	2	TQ2	E3		29B			
20663		XA217	56		XA217	50			16B	9		MUWEAB	14	MDW11A	01	2	TQ2	D1		26A			
20666		XA217	50		XA217	49			16B	9		MUWEAB	15	MDW12A	01	2	TQ2	D2		23A			
20671		XA217	49		XA217	43			16B	9		MUWEAB	16	MDW14A	01	2	TQ2	D4		28B			
20668		XA217	43		XA217	43			16B	9		MUWEAB	17	MDW13A	01	2	TQ2	D3		23B			
20627		XA217	10		XA217	78			16B	9		MUWEAB	01	MDW0PA	01	2	TQ2	A1		07A			
20695		XA217	78		XA323	14			16B	9		MUWEAB	02	MDW22A	01	2	TQ2	F4		38A			
23013		XA323	14		XA323	22			16B	9	P	MUWEAB	03	MUWECA	02	1	TQ2	B2		09A			
23014		XA323	22		XA317	20			16B	9	P	MUWEAB	04	MUWECA	01	1	TQ2	B1		12A	BIT ANTI-COIN CUR		
20714		XA317	20		XA317	19			16B	9		MUWEAB	05	MDW28A	01	2	TQ2	B2		11A			
20716		XA317	19		XA317	13			16B	9		MUWEAB	06	MDW29A	01	2	TQ2	B3		09B			
20707		XA317	13		XA317	07			16B	9		MUWEAB	07	MDW26A	01	2	TQ2	A4		06B			
20704		XA317	07		XA317	05			16B	9		MUWEAB	08	MDW25A	01	2	TQ2	A3		03A			
20702		XA317	05		XA317	10			16B	9		MUWEAB	09	MDW24A	01	2	TQ2	A2		03B			
20699		XA317	10		XA317	26			16B	9		MUWEAB	10	MDW23A	01	2	TQ2	A1		07A			
20711		XA317	26		XA317	25			16B	9		MUWEAB	11	MDW27A	01	2	TQ2	B1		14A			
20719		XA317	25		XA317	42			16B	9		MUWEAB	12	MDW30A	01	2	TQ2	B4		12B			
20723		XA317	42		XA316	41			16B	9		MUWEAB	13	MDW31A	01	2	TQ2	C1		20A			
23003		XA316	41		XA316	47			16B	9		MUWEAB	14	MUWDYA	01	1	TQ2	D3		22B			
23006		XA316	47		XA316	48			16B	9		MUWEAB	15	MUWDZA	01	1	TQ2	D4		25B			
									****		SIGNAL	(MUWECA)								IS ON THE		NEXT PAGE	****

DRAWING NUMBER 149304-800 STRING  
 UNIT ASSEMBLY NAME CARD CAGE WIRED, MCU

UNIT ASSEMBLY NO. 149304  
 FILE IDENT T39AMCMU

REV G INDEX MUWECB  
 DATE 09-02-82 PAGE 194

RECORD NUMBER	FROM			Z	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		PREFIX	CONNECTOR	PIN	MULTI GROUP	CODE	COLCR	IDENT									AND	OR		
23001		XA316	48			XA316	54		168	9		MUWECB	16	MUWDXA	01	1	TQ2	D2		22A			
22998		XA316	54			XA316	53		168	9		MUWECB	17	MUWDWA	01	1	TQ2	D1		25A			
23024		XA316	53			XA316	59		168	9		MUWECB	18	MUWEYA	01	1	TQ2	E3		28B			
23027		XA316	59			XA316	62		168	9		MUWECB	19	MUWEZA	01	1	TQ2	E4		31B			
23022		XA316	62			XA316	68		168	9		MUWECB	20	MUWEXA	01	1	TQ2	E2		29A			
23019		XA316	68									MUWECB	21	MUWEWA	01	1	TQ2	E1		32A			
23015		XA320	22									J MUWETO	01	MUWETO	00	1	TQ2	B1		12A	MUWATB	BUSS	
23018		XA316	66									J MUWEWA	01	MUWEWA	00	1	TQ2	E1		31A	MDWIEB	BUSS	
23021		XA316	60									J MUWEXA	01	MUWEXA	00	1	TQ2	E2		28A	MDWIEB	BUSS	
23026		XA316	57									J MUWEYA	01	MUWEYA	00	1	TQ2	E3		30B	MDWIEB	BUSS	
23029		XA316	63									J MUWEZA	01	MUWEZA	00	1	TQ2	E4		33B	MDWIEB	BUSS	
23030		XA320	14									J MUWFTO	01	MUWFTO	00	1	TQ2	B2		09A	MUWATB	BUSS	
23035		XA320	21									J MUMGTO	01	MUMGTO	00	1	TQ2	B3		10B	MUMBTB	BUSS	
23038		XA320	27									J MUWHTO	01	MUWHTO	00	1	TQ2	B4		13B	MUMBTB	BUSS	
22299		XA240	59			XA240	60		168	9		MUWSTA	01	MUATBO	01	2	TT3	E3		31B			
22296		XA240	60			XA240	71		168	9		MUWSTA	02	MUATAO	01	2	TT3	E2		28A			
22507		XA240	71			XA240	77		168	9		MUWSTA	03	MUBTBO	01	2	TT3	F2		36A			
22504		XA240	77			XA235	52		168	9		MUWSTA	04	MUBTAO	01	2	TT3	F1		38B			
23039		XA235	52									MUWSTA	05	MUWSTA	00	1	TQ2	D1		24A	BIT READ SINK TMG*		
22733		XA320	54			XA320	48		168	9		MUOENA	01	MURACA	01	1	TQ2	D1		25A			
22756		XA320	48			XA320	40		168	9		MUOENA	02	MURBCA	01	1	TQ2	D2		22A			
22727		XA320	40			XA320	34		168	9		MUOENA	03	MURAAA	01	1	TQ2	C1		19A			
22750		XA320	34			XA320	35		168	9		MUOENA	04	MURBAA	01	1	TQ2	C2		16A			
22752		XA320	35			XA320	29		168	9		MUOENA	05	MURBBA	01	1	TQ2	C4		17B			
22729		XA320	29			XA323	21		168	9		MUOENA	06	MURABA	01	1	TQ2	C3		14B			
23044		XA323	21									MUOENA	07	MUOENA	00	1	TQ2	B3		10B	BIT ANTI-COIN CUR		
23047		XA320	45			XA323	24		168	9		MUOENO	01	MUOENO	00	1	TQ2	D3		24B	BIT COIN CUR		
22942		XA323	24			XA323	18		168	9		MUOENO	02	MUWACA	01	1	TQ2	B1		13A			
22965		XA323	18			XA323	17		168	9		MUOENO	03	MUWBCA	01	1	TQ2	B2		10A			
23042		XA323	17			XA323	11		168	9		MUOENO	04	MUOENA	01	1	TQ2	B3		08B			
22961		XA323	11			XA323	08		168	9		MUOENO	05	MURBBA	01	1	TQ2	A4		05B			
22936		XA323	08			XA323	04		168	9		MUOENO	06	MUWAAA	01	1	TQ2	A1		06A			
22959		XA323	04			XA323	03		168	9		MUOENO	07	MUMBAA	01	1	TQ2	A2		04A			
22938		XA323	03									MUOENO	08	MUWABA	01	1	TQ2	A3		02A			
23051		XA226	11			XA518	18		168	9		MWA00A	01	MWA00A	00	1	TD4	A1		05B	WORD D DEC 00 ADR*		
14631		XA518	18			XA519	26		168	9		MWA00A	02				SWW	Z2					
14719		XA519	26			XA522	18		168	9		MWA00A	03				SWW	Z2					
14951		XA522	18			XA523	26		168	9		MWA00A	04				SWW	Z2					
									***		SIGNAL	MWA00A		IS ON THE					****				

DRAWING NUMBER 149304-800 STRING  
 UNIT ASSEMBLY NAME CARD CAGE WIRED, MCU

UNIT ASSEMBLY NO. 149304  
 FILE IDENT T39AMCMU

REV G INDEX MWA00A  
 DATE 09-02-82 PAGE 195

RECORD NUMBER	FROM				TO				WIRE			SIGNAL	REC NO	EQUATION	TERM	FACTOR	CKT OR CHIP TYPE	GROUP	LOAD OR POWER PLANE	TEST POINTS		SIGNAL DESCRIPTION	ECO NO	
	PREFIX	CONNECTOR	PIH	IN #	PREFIX	CONNECTOR	PIH	IN #	MULTI GROUP	CODE	COLOR									IDENT	AND			OR
15039		XA523	26			XA534	18				16B	9		MWA00A	05			SWN	Z2					
15919		XA534	18			XA535	26				16B	9		MWA00A	06			SWN	Z2					
16007		XA535	26			XA538	18				16B	9		MWA00A	07			SWN	Z2					
16239		XA538	18			XA539	26				16B	9		MWA00A	08			SWN	Z2					
16327		XA539	26											MWA00A	09			SWN	Z2					
23057		XA226	09			XA518	25				16B	9		MWA01A	01	MWA01A	00	1	TD4	A2		04B	WORD D DEC 01 ADR*	
14638		XA518	25			XA519	34				16B	9		MWA01A	02			SWN	Z2					
14727		XA519	34			XA522	25				16B	9		MWA01A	03			SWN	Z2					
14958		XA522	25			XA523	34				16B	9		MWA01A	04			SWN	Z2					
15047		XA523	34			XA534	25				16B	9		MWA01A	05			SWN	Z2					
15926		XA534	25			XA535	34				16B	9		MWA01A	06			SWN	Z2					
16015		XA535	34			XA538	25				16B	9		MWA01A	07			SWN	Z2					
16246		XA538	25			XA539	34				16B	9		MWA01A	08			SWN	Z2					
16335		XA539	34											MWA01A	09			SWN	Z2					
23059		XA226	23			XA518	26				16B	9		MWA02A	01	MWA02A	00	1	TD4	B1		11B	WORD D DEC 02 ADR*	
14639		XA518	26			XA519	18				16B	9		MWA02A	02			SWN	Z2					
14711		XA519	18			XA522	26				16B	9		MWA02A	03			SWN	Z2					
14959		XA522	26			XA523	18				16B	9		MWA02A	04			SWN	Z2					
15031		XA523	18			XA534	26				16B	9		MWA02A	05			SWN	Z2					
15927		XA534	26			XA535	18				16B	9		MWA02A	06			SWN	Z2					
15999		XA535	18			XA538	26				16B	9		MWA02A	07			SWN	Z2					
16247		XA538	26			XA539	18				16B	9		MWA02A	08			SWN	Z2					
16319		XA539	18											MWA02A	09			SWN	Z2					
23067		XA226	21			XA518	34				16B	9		MWA03A	01	MWA03A	00	1	TD4	B2		10B	WORD D DEC 03 ADR*	
14647		XA518	34			XA519	25				16B	9		MWA03A	02			SWN	Z2					
14718		XA519	25			XA522	34				16B	9		MWA03A	03			SWN	Z2					
14967		XA522	34			XA523	25				16B	9		MWA03A	04			SWN	Z2					
15038		XA523	25			XA534	34				16B	9		MWA03A	05			SWN	Z2					
15935		XA534	34			XA535	25				16B	9		MWA03A	06			SWN	Z2					
16006		XA535	25			XA538	34				16B	9		MWA03A	07			SWN	Z2					
16255		XA538	34			XA539	25				16B	9		MWA03A	08			SWN	Z2					
16326		XA539	25											MWA03A	09			SWN	Z2					
23068		XA226	35			XA518	64				16B	9		MWA04A	01	MWA04A	00	1	TD4	C1		17B	WORD D DEC 04 ADR*	
14677		XA518	64			XA519	70				16B	9		MWA04A	02			SWN	Z4					
14763		XA519	70			XA522	64				16B	9		MWA04A	03			SWN	Z4					
14997		XA522	64			XA523	70				16B	9		MWA04A	04			SWN	Z4					
15083		XA523	70			XA534	64				16B	9		MWA04A	05			SWN	Z4					
15965		XA534	64			XA535	70				16B	9		MWA04A	06			SWN	Z4					
16051		XA535	70			XA538	64				16B	9		MWA04A	07			SWN	Z4					
16285		XA538	64			XA539	70				16B	9		MWA04A	08			SWN	Z4					
16371		XA539	70											MWA04A	09			SWN	Z4					
23075		XA226	33			XA518	72				16B	9		MWA05A	01	MWA05A	00	1	TD4	C2		16B	WORD D DEC 05 ADR*	
14685		XA518	72			XA519	74				16B	9		MWA05A	02			SWN	Z4					
14767		XA519	74			XA522	72				16B	9		MWA05A	03			SWN	Z4					
15005		XA522	72			XA523	74				16B	9		MWA05A	04			SWN	Z4					
											****		SIGNAL	(MWA05A)										IS ON THE NEXT PAGE ****

DRAWING NUMBER 149304-800 STRING  
 UNIT ASSEMBLY NAME CARD CAGE WIRED, MCU

UNIT ASSEMBLY NO. 149304  
 FILE IDENT T39AMCMU

REV G INDEX MWA05A  
 DATE 09-02-82 PAGE 196

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	IN FC	PREFIX	CONNECTOR	PIN	IN FC	MULTI GROUP	CODE	COLOR	IDENT											
15087		XA523	74			XA534	72			168	9		MWA05A	05				SWW	Z4				
15973		XA534	72			XA535	74			168	9		MWA05A	06				SWW	Z4				
16055		XA535	74			XA538	72			168	9		MWA05A	07				SWW	Z4				
16293		XA538	72			XA539	74			168	9		MWA05A	08				SWW	Z4				
16375		XA539	74										MWA05A	09				SWW	Z4				
23078		XA226	47			XA518	70			168	9		MWA06A	01	MWA06A	00	1	TD4	D1		25B	WORD D DEC 06 ADR*	
14683		XA518	70			XA519	64			168	9		MWA06A	02				SWW	Z4				
14757		XA519	64			XA522	70			168	9		MWA06A	03				SWW	Z4				
15003		XA522	70			XA523	64			168	9		MWA06A	04				SWW	Z4				
15077		XA523	64			XA534	70			168	9		MWA06A	05				SWW	Z4				
15971		XA534	70			XA535	64			168	9		MWA06A	06				SWW	Z4				
16045		XA535	64			XA538	70			168	9		MWA06A	07				SWW	Z4				
16291		XA538	70			XA539	64			168	9		MWA06A	08				SWW	Z4				
16365		XA539	64										MWA06A	09				SWW	Z4				
23084		XA226	45			XA518	74			168	9		MWA07A	01	MWA07A	00	1	TD4	D2		24B	WORD D DEC 07 ADR*	
14687		XA518	74			XA519	72			168	9		MWA07A	02				SWW	Z4				
14765		XA519	72			XA522	74			168	9		MWA07A	03				SWW	Z4				
15007		XA522	74			XA523	72			168	9		MWA07A	04				SWW	Z4				
15085		XA523	72			XA534	74			168	9		MWA07A	05				SWW	Z4				
15975		XA534	74			XA535	72			168	9		MWA07A	06				SWW	Z4				
16053		XA535	72			XA538	74			168	9		MWA07A	07				SWW	Z4				
16295		XA538	74			XA539	72			168	9		MWA07A	08				SWW	Z4				
16373		XA539	72										MWA07A	09				SWW	Z4				
23088		XA226	59			XA520	18			168	9		MWA08A	01	MWA08A	00	1	TD4	E1		31B	WORD D DEC 08 ADR*	
14791		XA520	18			XA521	26			168	9		MWA08A	02				SWW	Z2				
14879		XA521	26			XA524	18			168	9		MWA08A	03				SWW	Z2				
15111		XA524	18			XA525	26			168	9		MWA08A	04				SWW	Z2				
15199		XA525	26			XA536	18			168	9		MWA08A	05				SWW	Z2				
16079		XA536	18			XA537	26			168	9		MWA08A	06				SWW	Z2				
16167		XA537	26			XA540	18			168	9		MWA08A	07				SWW	Z2				
16399		XA540	18			XA541	26			168	9		MWA08A	08				SWW	Z2				
16487		XA541	26										MWA08A	09				SWW	Z2				
23094		XA226	57			XA520	25			168	9		MWA09A	01	MWA09A	00	1	TD4	E2		30B	WORD D DEC 09 ADR*	
14798		XA520	25			XA521	34			168	9		MWA09A	02				SWW	Z2				
14887		XA521	34			XA524	25			168	9		MWA09A	03				SWW	Z2				
15118		XA524	25			XA525	34			168	9		MWA09A	04				SWW	Z2				
15207		XA525	34			XA536	25			168	9		MWA09A	05				SWW	Z2				
16086		XA536	25			XA537	34			168	9		MWA09A	06				SWW	Z2				
16175		XA537	34			XA540	25			168	9		MWA09A	07				SWW	Z2				
16406		XA540	25			XA541	34			168	9		MWA09A	08				SWW	Z2				
16495		XA541	34										MWA09A	09				SWW	Z2				
23099		XA226	76			XA520	26			168	9		MWA10A	01	MWA10A	00	1	TD4	F1		37A	WORD D DEC 10 ADR*	
14799		XA520	26			XA521	18			168	9		MWA10A	02				SWW	Z2				
14871		XA521	18			XA524	26			168	9		MWA10A	03				SWW	Z2				
15119		XA524	26			XA525	18			168	9		MWA10A	04				SWW	Z2				
										***	SIGNAL		MWA10A									IS ON THE NEXT PAGE	***



DRAWING NUMBER 149304-800 STRING  
 UNIT ASSEMBLY NAME CARD CAGE WIRED, MCU

UNIT ASSEMBLY NO. 149304  
 FILE IDENT T39AMCMU

REV G INDEX MWA10A  
 DATE 09-02-82 PAGE 197

RECORD NUMBER	FROM			TO			WIRE				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												
15191		XA525	18		XA536	26			16B	9		MWA10A	05									
16087		XA536	26		XA537	18			16B	9		MWA10A	06			SWW	Z2					
16159		XA537	18		XA540	26			16B	9		MWA10A	07			SWW	Z2					
16407		XA540	26		XA541	18			16B	9		MWA10A	08			SWW	Z2					
16479		XA541	18									MWA10A	09			SWW	Z2					
23103		XA226	69		XA520	34			16B	9		MWA11A	01	MWA11A	00	1	TD4	F2		35A	WORD D DEC 11 ADR*	
14807		XA520	34		XA521	25			16B	9		MWA11A	02			SWW	Z2					
14878		XA521	25		XA524	34			16B	9		MWA11A	03			SWW	Z2					
15127		XA524	34		XA525	25			16B	9		MWA11A	04			SWW	Z2					
15198		XA525	25		XA536	34			16B	9		MWA11A	05			SWW	Z2					
16095		XA536	34		XA537	25			16B	9		MWA11A	06			SWW	Z2					
16166		XA537	25		XA540	34			16B	9		MWA11A	07			SWW	Z2					
16415		XA540	34		XA541	25			16B	9		MWA11A	08			SWW	Z2					
16486		XA541	25									MWA11A	09			SWW	Z2					
23111		XA227	11		XA520	64			16B	9		MWA12A	01	MWA12A	00	1	TD4	A1		05B	WORD D DEC 12 ADR*	
14837		XA520	64		XA521	70			16B	9		MWA12A	02			SWW	Z4					
14923		XA521	70		XA524	64			16B	9		MWA12A	03			SWW	Z4					
15157		XA524	64		XA525	70			16B	9		MWA12A	04			SWW	Z4					
15243		XA525	70		XA536	64			16B	9		MWA12A	05			SWW	Z4					
16125		XA536	64		XA537	70			16B	9		MWA12A	06			SWW	Z4					
16211		XA537	70		XA540	64			16B	9		MWA12A	07			SWW	Z4					
16445		XA540	64		XA541	70			16B	9		MWA12A	08			SWW	Z4					
16531		XA541	70									MWA12A	09			SWW	Z4					
23117		XA227	09		XA520	72			16B	9		MWA13A	01	MWA13A	00	1	TD4	A2		04B	WORD D DEC 13 ADR*	
14845		XA520	72		XA521	74			16B	9		MWA13A	02			SWW	Z4					
14927		XA521	74		XA524	72			16B	9		MWA13A	03			SWW	Z4					
15165		XA524	72		XA525	74			16B	9		MWA13A	04			SWW	Z4					
15247		XA525	74		XA536	72			16B	9		MWA13A	05			SWW	Z4					
16133		XA536	72		XA537	74			16B	9		MWA13A	06			SWW	Z4					
16215		XA537	74		XA540	72			16B	9		MWA13A	07			SWW	Z4					
16453		XA540	72		XA541	74			16B	9		MWA13A	08			SWW	Z4					
16535		XA541	74									MWA13A	09			SWW	Z4					
23119		XA227	23		XA520	70			16B	9		MWA14A	01	MWA14A	00	1	TD4	B1		11B	WORD D DEC 14 ADR*	
14843		XA520	70		XA521	64			16B	9		MWA14A	02			SWW	Z4					
14917		XA521	64		XA524	70			16B	9		MWA14A	03			SWW	Z4					
15163		XA524	70		XA525	64			16B	9		MWA14A	04			SWW	Z4					
15237		XA525	64		XA536	70			16B	9		MWA14A	05			SWW	Z4					
16131		XA536	70		XA537	64			16B	9		MWA14A	06			SWW	Z4					
16205		XA537	64		XA540	70			16B	9		MWA14A	07			SWW	Z4					
16451		XA540	70		XA541	64			16B	9		MWA14A	08			SWW	Z4					
16525		XA541	64									MWA14A	09			SWW	Z4					
23127		XA227	21		XA520	74			16B	9		MWA15A	01	MWA15A	00	1	TD4	B2		10B	WORD D DEC 15 ADR*	
14847		XA520	74		XA521	72			16B	9		MWA15A	02			SWW	Z4					
14925		XA521	72		XA524	74			16B	9		MWA15A	03			SWW	Z4					
15167		XA524	74		XA525	72			16B	9		MWA15A	04			SWW	Z4					
											***	SIGNAL	MWA15A		IS ON THE	NEXT PAGE	***					

DRAWING NUMBER 149304-800 STRING  
 UNIT ASSEMBLY NAME CARD CAGE WIRED, MCU

UNIT ASSEMBLY NO. 149304  
 FILE IDENT T39AMCMU

REV G INDEX MWA15A  
 DATE 09-02-82 PAGE 198

RECORD NUMBER	FROM			TO	TO			WIRE			SIGNAL	SEQ NO	EQUATION	TERM	FACTOR	CKT OR CHIP TYPE	GROUP	LOAD ON POWER PLANE	TEST POINTS AND OR	SIGNAL DESCRIPTION	ECO NO
	PREFIX	CONNECTOR	PIN		PREFIX	CONNECTOR	PIN	MULTI GROUP	CODE	COLOR											
15245		XA525	72		XA536	74		168	9		MWA15A	05				SWW					
16135		XA536	74		XA537	72		168	9		MWA15A	06				SWW	Z4				
16213		XA537	72		XA540	74		168	9		MWA15A	07				SWW					
16455		XA540	74		XA541	72		168	9		MWA15A	08				SWW	Z4				
16533		XA541	72								MWA15A	09				SWW	Z4				
23128		XA227	35		XA518	04		168	9		MWB00A	01	MWB00A	00	1	TD4	C1		17B	WORD B DEC 00 ADR*	
14617		XA518	04		XA519	10		168	9		MWB00A	02				SWW	Z1				
14703		XA519	10		XA522	04		168	9		MWB00A	03				SWW	Z1				
14937		XA522	04		XA523	10		168	9		MWB00A	04				SWW	Z1				
15023		XA523	10		XA534	04		168	9		MWB00A	05				SWW	Z1				
15904		XA534	04		XA535	10		168	9		MWB00A	06				SWW	Z1				
15991		XA535	10		XA538	04		168	9		MWB00A	07				SWW	Z1				
16225		XA538	04		XA539	10		168	9		MWB00A	08				SWW	Z1				
16311		XA539	10								MWB00A	09				SWW	Z1				
16306		XA539	05		XA538	01		168	9		MWB01A	01				SWW	Z1				
16222		XA538	01		XA535	05		168	9		MWB01A	02				SWW	Z1				
15986		XA535	05		XA534	01		168	9		MWB01A	03				SWW	Z1				
15901		XA534	01		XA523	05		168	9		MWB01A	04				SWW	Z1				
15018		XA523	05		XA522	01		168	9		MWB01A	05				SWW	Z1				
14934		XA522	01		XA519	05		168	9		MWB01A	06				SWW	Z1				
14698		XA519	05		XA518	01		168	9		MWB01A	07				SWW	Z1				
14614		XA518	01		XA227	33		168	9		MWB01A	08				SWW	Z1				
23135		XA227	33								MWB01A	09	MWB01A	00	1	TD4	C2		16B	WORD B DEC 01 ADR*	
23138		XA227	47		XA518	10		168	9		MWB02A	01	MWB02A	00	1	TD4	D1		25B	WORD B DEC 02 ADR*	
14623		XA518	10		XA519	04		168	9		MWB02A	02				SWW	Z1				
14697		XA519	04		XA522	10		168	9		MWB02A	03				SWW	Z1				
14943		XA522	10		XA523	04		168	9		MWB02A	04				SWW	Z1				
15017		XA523	04		XA534	10		168	9		MWB02A	05				SWW	Z1				
15910		XA534	10		XA535	04		168	9		MWB02A	06				SWW	Z1				
15985		XA535	04		XA538	10		168	9		MWB02A	07				SWW	Z1				
16231		XA538	10		XA539	04		168	9		MWB02A	08				SWW	Z1				
16305		XA539	04								MWB02A	09				SWW	Z1				
23144		XA227	45		XA518	05		168	9		MWB03A	01	MWB03A	00	1	TD4	D2		24B	WORD B DEC 03 ADR*	
14618		XA518	05		XA519	01		168	9		MWB03A	02				SWW	Z1				
14694		XA519	01		XA522	05		168	9		MWB03A	03				SWW	Z1				
14938		XA522	05		XA523	01		168	9		MWB03A	04				SWW	Z1				
15014		XA523	01		XA534	05		168	9		MWB03A	05				SWW	Z1				
15905		XA534	05		XA535	01		168	9		MWB03A	06				SWW	Z1				
15982		XA535	01		XA538	05		168	9		MWB03A	07				SWW	Z1				
16226		XA538	05		XA539	01		168	9		MWB03A	08				SWW	Z1				
16302		XA539	01								MWB03A	09				SWW	Z1				
23148		XA227	59		XA518	43		168	9		MWB04A	01	MWB04A	00	1	TD4	E1		31B	WORD B DEC 04 ADR*	
14656		XA518	43		XA519	47		168	9		MWB04A	02				SWW	Z3				
14740		XA519	47		XA522	43		168	9		MWB04A	03				SWW	Z3				
14976		XA522	43		XA523	47		168	9		MWB04A	04				SWW	Z3				
								***		SIGNAL	MWB04A		IS ON THE		NEXT PAGE	****					

DRAWING NUMBER 149304-800 STRING  
 UNIT ASSEMBLY NAME CARD CAGE WIRED, MCU

UNIT ASSEMBLY NO. 149304  
 FILE IDENT T39AMCMU

REV G INDEX MWB04A  
 DATE 09-02-82 PAGE 199

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	PIH	INFO	PREFIX	CONNECTOR	PIH	INFO	MULTI GROUP	CODE	COLOR	IDENT										
15060		XA523	47		XA534	43				168	9		MWB04A	05								
15944		XA534	43		XA535	47				168	9		MWB04A	06								
16028		XA535	47		XA538	43				168	9		MWB04A	07								
16264		XA538	43		XA539	47				168	9		MWB04A	08								
16348		XA539	47										MWB04A	09								
23154		XA227	57		XA518	46				168	9		MWB05A	01	MWB05A	00 1	TD4	E2		30B	WORD B DEC 05 ADR*	
14659		XA518	46		XA519	52				168	9		MWB05A	02								
14745		XA519	52		XA522	46				168	9		MWB05A	03								
14979		XA522	46		XA523	52				168	9		MWB05A	04								
15065		XA523	52		XA534	46				168	9		MWB05A	05								
15947		XA534	46		XA535	52				168	9		MWB05A	06								
16033		XA535	52		XA538	46				168	9		MWB05A	07								
16267		XA538	46		XA539	52				168	9		MWB05A	08								
16353		XA539	52										MWB05A	09								
23159		XA227	76		XA518	47				168	9		MWB06A	01	MWB06A	00 1	TD4	F1		37A	WORD B DEC 06 ADR*	
14660		XA518	47		XA519	43				168	9		MWB06A	02								
14736		XA519	43		XA522	47				168	9		MWB06A	03								
14980		XA522	47		XA523	43				168	9		MWB06A	04								
15056		XA523	43		XA534	47				168	9		MWB06A	05								
15948		XA534	47		XA535	43				168	9		MWB06A	06								
16024		XA535	43		XA538	47				168	9		MWB06A	07								
16268		XA538	47		XA539	43				168	9		MWB06A	08								
16344		XA539	43										MWB06A	09								
23163		XA227	69		XA518	52				168	9		MWB07A	01	MWB07A	00 1	TD4	F2		35A	WORD B DEC 07 ADR*	
14665		XA518	52		XA519	46				168	9		MWB07A	02								
14739		XA519	46		XA522	52				168	9		MWB07A	03								
14985		XA522	52		XA523	46				168	9		MWB07A	04								
15059		XA523	46		XA534	52				168	9		MWB07A	05								
15953		XA534	52		XA535	46				168	9		MWB07A	06								
16027		XA535	46		XA538	52				168	9		MWB07A	07								
16273		XA538	52		XA539	46				168	9		MWB07A	08								
16347		XA539	46										MWB07A	09								
23171		XA228	11		XA520	04				168	9		MWB08A	01	MWB08A	00 1	TD4	A1		05B	WORD B DEC 08 ADR*	
14777		XA520	04		XA521	10				168	9		MWB08A	02								
14863		XA521	10		XA524	04				168	9		MWB08A	03								
15097		XA524	04		XA525	10				168	9		MWB08A	04								
15183		XA525	10		XA536	04				168	9		MWB08A	05								
16065		XA536	04		XA537	10				168	9		MWB08A	06								
16151		XA537	10		XA540	04				168	9		MWB08A	07								
16385		XA540	04		XA541	10				168	9		MWB08A	08								
16471		XA541	10										MWB08A	09								
23177		XA228	09		XA520	01				168	9		MWB09A	01	MWB09A	00 1	TD4	A2		04B	WORD B DEC 09 ADR*	
14774		XA520	01		XA521	05				168	9		MWB09A	02								
14858		XA521	05		XA524	01				168	9		MWB09A	03								
15094		XA524	01		XA525	05				168	9		MWB09A	04								
										****	SIGNAL		MWB09A		IS ON THE NEXT PAGE	****						

DRAWING NUMBER 149304-800 STRING  
 UNIT ASSEMBLY NAME CARD CAGE WIRED, MCU

UNIT ASSEMBLY NO. 149304  
 FILE IDENT T39AMCMU

REV G INDEX MWB09A  
 DATE 09-02-82 PAGE 200

RECORD NUMBER	FROM				TO				WIRE				SIGNAL	SEC NO	EQUATION	TERM	FACTOR	CKT OR CHIP TYPE	SPOOF	LOAD OR POWER PLANE	TEST POINTS (AND OR)	SIGNAL DESCRIPTION	ECO NO
	PREFIX	CONNECTOR	PIN	DN FC	PREFIX	CONNECTOR	PIN	DN FC	MULTI GROUP	CODE	COLOR	IDENT											
15178		XA525	05		XA536	01			168	9			MWB09A	05									
16062		XA536	01		XA537	05			168	9			MWB09A	06									
16146		XA537	05		XA540	01			168	9			MWB09A	07									
16382		XA540	01		XA541	05			168	9			MWB09A	08									
16466		XA541	05						168	9			MWB09A	09									
23179		XA228	23		XA520	10			168	9			MWB10A	01	MWB10A	00	1	TD4	B1		118	WORD B DEC 10 ADR*	
14783		XA520	10		XA521	04			168	9			MWB10A	02									
14857		XA521	04		XA524	10			168	9			MWB10A	03									
15103		XA524	10		XA525	04			168	9			MWB10A	04									
15177		XA525	04		XA536	10			168	9			MWB10A	05									
16071		XA536	10		XA537	04			168	9			MWB10A	06									
16145		XA537	04		XA540	10			168	9			MWB10A	07									
16391		XA540	10		XA541	04			168	9			MWB10A	08									
16465		XA541	04						168	9			MWB10A	09									
23187		XA228	21		XA520	05			168	9			MWB11A	01	MWB11A	00	1	TD4	B2		108	WORD B DEC 11 ADR*	
14778		XA520	05		XA521	01			168	9			MWB11A	02									
14854		XA521	01		XA524	05			168	9			MWB11A	03									
15098		XA524	05		XA525	01			168	9			MWB11A	04									
15174		XA525	01		XA536	05			168	9			MWB11A	05									
16066		XA536	05		XA537	01			168	9			MWB11A	06									
16142		XA537	01		XA540	05			168	9			MWB11A	07									
16386		XA540	05		XA541	01			168	9			MWB11A	08									
16462		XA541	01						168	9			MWB11A	09									
23188		XA228	35		XA520	43			168	9			MWB12A	01	MWB12A	00	1	TD4	C1		178	WORD B DEC 12 ADR*	
14816		XA520	43		XA521	47			168	9			MWB12A	02									
14900		XA521	47		XA524	43			168	9			MWB12A	03									
15136		XA524	43		XA525	47			168	9			MWB12A	04									
15220		XA525	47		XA536	43			168	9			MWB12A	05									
16104		XA536	43		XA537	47			168	9			MWB12A	06									
16188		XA537	47		XA540	43			168	9			MWB12A	07									
16424		XA540	43		XA541	47			168	9			MWB12A	08									
16508		XA541	47						168	9			MWB12A	09									
23195		XA228	33		XA520	46			168	9			MWB13A	01	MWB13A	00	1	TD4	C2		168	WORD B DEC 13 ADR*	
14819		XA520	46		XA521	52			168	9			MWB13A	02									
14905		XA521	52		XA524	46			168	9			MWB13A	03									
15139		XA524	46		XA525	52			168	9			MWB13A	04									
15225		XA525	52		XA536	46			168	9			MWB13A	05									
16107		XA536	46		XA537	52			168	9			MWB13A	06									
16193		XA537	52		XA540	46			168	9			MWB13A	07									
16427		XA540	46		XA541	52			168	9			MWB13A	08									
16513		XA541	52						168	9			MWB13A	09									
23198		XA228	47		XA520	47			168	9			MWB14A	01	MWB14A	00	1	TD4	D1		258	WORD B DEC 14 ADR*	
14820		XA520	47		XA521	43			168	9			MWB14A	02									
14896		XA521	43		XA524	47			168	9			MWB14A	03									
15140		XA524	47		XA525	43			168	9			MWB14A	04									
									****		SIGNAL		MWB14A										IS ON THE NEXT PAGE ****

DRAWING NUMBER 149304-800 STRING  
 UNIT ASSEMBLY NAME CARD CAGE WIRED, MCU

UNIT ASSEMBLY NO. 149304  
 FILE IDENT T39AMCMU

REV G INDEX MWB14A  
 DATE 09-02-82 PAGE 201

RECORD NUMBER	FROM			TO			WIRE				SIGNAL	SEQ NO	EQUATION	TERM	FACTOR	CKT OR CHIP TYPE	LOAD OR POWER PLANE	TEST POINTS AND OR	SIGNAL DESCRIPTION	ECO NO
	PREFIX	CONNECTOR	PIN	PREFIX	CONNECTOR	PIN	MULTI GROUP	CODE	COLOR	IDENT										
15216		XA525	43		XA536	47			16B	9										
16108		XA536	47		XA537	43			16B	9										
16184		XA537	43		XA540	47			16B	9										
16428		XA540	47		XA541	43			16B	9										
16504		XA541	43																	
23204		XA228	45		XA520	52			16B	9										
14825		XA520	52		XA521	46			16B	9								24B	WORD B DEC 15 ADR*	
14899		XA521	46		XA524	52			16B	9										
15145		XA524	52		XA525	46			16B	9										
15219		XA525	46		XA536	52			16B	9										
16113		XA536	52		XA537	46			16B	9										
16187		XA537	46		XA540	52			16B	9										
16433		XA540	52		XA541	46			16B	9										
16507		XA541	46																	
23045		XA320	41		XA323	27			16B	9										
23210		XA323	27																	
23211		XA323	38		XA320	43			16B	9										
23046		XA320	43																	
23217		XA320	47		XA323	40			16B	9										
23212		XA323	40		XA235	45			16B	9										
23216		XA235	45																	
23209		XA323	25		XA320	51			16B	9										
23219		XA320	51																	
23223		XA234	29		XA235	22			16B	9										
23220		XA235	22																	
23476		XA516	64		XA516	70			16B	9										
23464		XA516	70		XA542	70			16B	9										
23440		XA542	70		XA542	64			16B	9										
23452		XA542	64		XA542	13			16B	9										
23314		XA542	13		XA542	10			16B	9										
23258		XA542	10		XA542	07			16B	9										
23302		XA542	07		XA542	05			16B	9										
23270		XA542	05		XA234	33			16B	9										
23225		XA234	33																	
23226		XA235	14		XA234	35			16B	9										
23229		XA234	35																	
23466		XA516	55		XA516	61			16B	9										
23478		XA516	61		XA542	61			16B	9										
23454		XA542	61		XA542	55			16B	9										
23442		XA542	55		XA542	26			16B	9										
23261		XA542	26		XA542	25			16B	9										
									****	SIGNAL	MWG020		IS ON THE	NEXT PAGE	****					

DRAWING NUMBER 149304-800 STRING UNIT ASSEMBLY NO. 149304 REV G INDEX MWG020  
 UNIT ASSEMBLY NAME CARD CAGE WIRED, MCU FILE IDENT T39AMCMU DATE 09-02-82 PAGE

RECORD NUMBER	FROM			SH	TO			WIRE			SPEC INST	SIGNAL	SEQ NO	EQUATION	TERM	FACTORY	CKT OR CHIP TYPE	GROUP	LOAD OR POWER PLANE	TEST POINTS AND/OR	SIGNAL DESCRIPTION	ECO NO
	PREFIX	CONNECTOR	PIN		PREFIX	CONNECTOR	PIN	SH FC	MULTI GROUP	CODE												
23317		XA542	25		XA542	19			16B	9		MWG020	055	MWSB2A	01	2	TQ2	B4		12B		
23305		XA542	19		XA542	20			16B	9		MWG020	06	MWSA2A	01	2	TQ2	B3		09B		
23273		XA542	20		XA234	39			16B	9		MWG020	07	MWRB2A	01	2	TQ2	B2		11A		
23231		XA234	39									MWG020	08	MWG020	00	1	TQ2	C4		19B	WORD_GRP 2 DEC	
23234		XA235	21		XA234	54			16B	9		MWG03A	01	MWG03A	00	1	TQ2	B3		10B	WORD_GRP 3 DEC *	
23236		XA234	54									MWG03A	02	MWG030	01	1	TQ2	D1		25A		
23235		XA234	52		XA542	31			16B	9		MWG030	01	MWG030	00	1	TQ2	D1		24A	WORD_GRP 3 DEC	
23308		XA542	31		XA542	36			16B	9		MWG030	02	MWSA3A	01	2	TQ2	C3		15B		
23276		XA542	36		XA542	37			16B	9		MWG030	03	MWRB3A	01	2	TQ2	C2		17A		
23320		XA542	37		XA542	42			16B	9		MWG030	035	MWSB3A	01	2	TQ2	C4		18B		
23264		XA542	42		XA542	73			16B	9		MWG030	04	MWRB3A	01	2	TQ2	C1		20A		
23458		XA542	73		XA542	79			16B	9		MWG030	05	MWRB3A	01	2	TQ2	F2		36B		
23446		XA542	79		XA516	79			16B	9		MWG030	06	MWA3A	01	2	TQ2	F1		39B		
23470		XA516	79		XA516	73			16B	9		MWG030	07	MWMC3A	01	2	TQ2	F1		39B		
23482		XA516	73						16B	9		MWG030	08	MWWD3A	01	2	TQ2	F2		36B		
23240		XA235	27		XA234	48			16B	9		MWG04A	01	MWG04A	00	1	TQ2	B4		13B	WORD_GRP 4 DEC *	
23242		XA234	48									MWG04A	02	MWG040	01	1	TQ2	D2		22A		
23473		XA516	74		XA516	78			16B	9		MWG040	01	MWMC4A	01	2	TQ2	F3		35B		
23484		XA516	78		XA542	78			16B	9		MWG040	02	MWWD4A	01	2	TQ2	F4		38A		
23460		XA542	78		XA542	74			16B	9		MWG040	03	MWMB4A	01	2	TQ2	F4		38A		
23449		XA542	74		XA542	56			16B	9		MWG040	04	MWA4A	01	2	TQ2	F3		35B		
23267		XA542	56		XA542	50			16B	9		MWG040	05	MWRA4A	01	2	TQ2	D1		26A		
23279		XA542	50		XA542	49			16B	9		MWG040	06	MWRB4A	01	2	TQ2	D2		23A		
23323		XA542	49		XA542	43			16B	9		MWG040	065	MWSB4A	01	2	TQ2	D4		26B		
23311		XA542	43		XA234	46			16B	9		MWG040	07	MWSA4A	01	2	TQ2	D3		23B		
23241		XA234	46									MWG040	08	MWG040	00	1	TQ2	D2		21A	WORD_GRP 4 DEC	
15682		XA531	23		XA236	04			16B	9		MWPBDA	01									
23244		XA236	04									MWPBDA	02	MWPBDA	00	1	TT3	A1		04A	PRE-BIAS TMG DEC *	
14652		XA518	39		XA522	39			16B	9		MWPB10	01									
14972		XA522	39		XA531	26			16B	9		MWPB10	02									
15685		XA531	26		XA534	39			16B	9		MWPB10	022									
15940		XA534	39		XA538	39			16B	9		MWPB10	03									
16260		XA538	39									MWPB10	04									
14654		XA518	41		XA522	41			16B	9		MWPB20	01									
14974		XA522	41		XA531	30			16B	9		MWPB20	02									
15689		XA531	30		XA534	41			16B	9		MWPB20	022									
15942		XA534	41		XA538	41			16B	9		MWPB20	03									
16262		XA538	41									MWPB20	04									
14732		XA519	39		XA523	39			16B	9		MWPB30	01									
15052		XA523	39		XA531	42			16B	9		MWPB30	02									
15701		XA531	42		XA535	39			16B	9		MWPB30	022									
16020		XA535	39		XA539	39			16B	9		MWPB30	03									
												****	SIGNAL	(MWPB30)							IS ON THE NEXT PAGE	****

DRAWING NUMBER 149304-800 STRING UNIT ASSEMBLY NO. 149304 REV G INDEX MWPB30  
 UNIT ASSEMBLY NAME CARD CAGE WIRED, MCU FILE IDENT T39AMCMU DATE 09-02-82 PAGE 203

RECORD NUMBER	FROM			TO			WIRE				SIGNAL	SEC NO	EQUATION	TERM	CKT OR CHIP TYPE	GROUP	LOAD OR POWER PLANE	TEST POINTS AND/OR	SIGNAL DESCRIPTION	ECO NO
	PREFIX	CONNECTOR	PIN	PREFIX	CONNECTOR	PIN	DRG	MULTI GROUP	CODE	COLOR										
16340		XA539	39									MWPB30	04							
14734		XA519	41		XA523	41			16B	9		MWPB40	01							
15054		XA523	41		XA531	46			16B	9		MWPB40	02							
15705		XA531	46		XA535	41			16B	9		MWPB40	022							
16022		XA535	41		XA539	41			16B	9		MWPB40	03							
16342		XA539	41									MWPB40	04							
14812		XA520	39		XA524	39			16B	9		MWPB50	01							
15132		XA524	39		XA531	60			16B	9		MWPB50	02							
15719		XA531	60		XA536	39			16B	9		MWPB50	022							
16100		XA536	39		XA540	39			16B	9		MWPB50	03							
16420		XA540	39									MWPB50	04							
14814		XA520	41		XA524	41			16B	9		MWPB60	01							
15134		XA524	41		XA531	62			16B	9		MWPB60	02							
15721		XA531	62		XA536	41			16B	9		MWPB60	022							
16102		XA536	41		XA540	41			16B	9		MWPB60	03							
16422		XA540	41									MWPB60	04							
14892		XA521	39		XA525	39			16B	9		MWPB70	01							
15212		XA525	39		XA531	74			16B	9		MWPB70	02							
15733		XA531	74		XA537	39			16B	9		MWPB70	022							
16180		XA537	39		XA541	39			16B	9		MWPB70	03							
16500		XA541	39									MWPB70	04							
14894		XA521	41		XA525	41			16B	9		MWPB80	01							
15214		XA525	41		XA531	76			16B	9		MWPB80	02							
15735		XA531	76		XA537	41			16B	9		MWPB80	022							
16182		XA537	41		XA541	41			16B	9		MWPB80	03							
16502		XA541	41									MWPB80	04							
23250		XA238	09								J	MWPDAA	02	MWPDAA	00	1	TQ2	A3	04B	MWPDCA BUSS
23253		XA238	15								J	MWPD8A	01	MWPD8A	00	1	TQ2	A4	07B	MWPDCA BUSS
21797		XA132	29		XA132	34			16B	9		MWPDCA	01	MRW180	01	1	TQ2	C3	14B	
21789		XA132	34		XA132	35			16B	9		MWPDCA	02	MRW17A	01	1	TQ2	C2	16A	
21794		XA132	35		XA132	40			16B	9		MWPDCA	03	MRW18A	01	1	TQ2	C4	17B	
21792		XA132	40		XA132	41			16B	9		MWPDCA	04	MRW170	01	1	TQ2	C1	19A	
21809		XA132	41		XA132	47			16B	9		MWPDCA	05	MRW200	01	1	TQ2	D3	22B	
21806		XA132	47		XA132	48			16B	9		MWPDCA	06	MRW20A	01	1	TQ2	D6	25B	
21801		XA132	48		XA132	53			16B	9		MWPDCA	07	MRW19A	01	1	TQ2	D2	22A	
21821		XA132	53		XA132	54			16B	9		MWPDCA	08	MRW220	01	1	TQ2	E3	28B	
21804		XA132	54		XA132	59			16B	9		MWPDCA	09	MRW190	01	1	TQ2	D1	25A	
21818		XA132	59		XA132	62			16B	9		MWPDCA	10	MRW22A	01	1	TQ2	E4	31B	
21813		XA132	62		XA132	65			16B	9		MWPDCA	11	MRW21A	01	1	TQ2	E2	29A	
21833		XA132	65		XA132	68			16B	9		MWPDCA	12	MRW240	01	1	TQ2	E3	34B	
21816		XA132	68		XA132	71			16B	9		MWPDCA	13	MRW210	01	1	TQ2	E1	32A	
21824		XA132	71		XA132	76			16B	9		MWPDCA	14	MRW23A	01	1	TQ2	F2	36A	
									***	SIGNAL		(MWPDCA)		IS ON THE						****

DRAWING NUMBER 149304-800 STRING UNIT ASSEMBLY NO. 149304 REV G INDEX MWPDCB  
 UNIT ASSEMBLY NAME CARD CAGE WIRED, MCU FILE IDENT T39ACMCU DATE 09-02-82 PAGE 204

RECORD NUMBER	FROM				TO				WIRE			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	WIRE	PREFIX	CONNECTOR	PIN	WIRE	MULTI GROUP	CODE	COLOR											
21830		XA132	76		XA132	77				16B	9		MWPDCB	15	MRW24A	01	1	TQ2	F4	37A		
21828		XA132	77		XA234	49				16B	9		MWPDCB	16	MRW230	01	1	TQ2	F1	38B		
23487		XA234	49		XA234	70				16B	9		MWPDCB	17	MWWITO	01	2	TQ2	D4	26B		
23282		XA234	70		XA238	15				16B	9		MWPDCB	18	MWREA0	01	2	TQ2	E1	33A		
23255		XA238	15		XA238	09				16B	9	P	MWPDBA	19	MWPDCB	01	1	TQ2	A4	07B	WORD POST DISCHRG	
23254		XA238	09									P	MWPDAA	20	MWPDCB	02	1	TQ2	A3	04B		
23256		XA542	06									J	MWRA1A	01	MWRA1A	00	1	TQ2	A1	05A	MWRE1B BUSS	
23259		XA542	22									J	MWRA2A	01	MWRA2A	00	1	TQ2	B1	12A	MWRE2B BUSS	
23262		XA542	38									J	MWRA3A	01	MWRA3A	00	1	TQ2	C1	18A	MWRE3B BUSS	
23265		XA542	52									J	MWRA4A	01	MWRA4A	00	1	TQ2	D1	24A	MWRE4B BUSS	
23268		XA542	01									J	MWRB1A	01	MWRB1A	00	1	TQ2	A2	02B	MWRE1B BUSS	
23271		XA542	14									J	MWRB2A	01	MWRB2A	00	1	TQ2	B2	09A	MWRE2B BUSS	
23274		XA542	30									J	MWRB3A	01	MWRB3A	00	1	TQ2	C2	15A	MWRE3B BUSS	
23277		XA542	46									J	MWRB4A	01	MWRB4A	00	1	TQ2	D2	21A	MWRE4B BUSS	
15354		XA527	19		XA525	76				18B	9		MWRCS0	00				CSE			READ_CUR SOURCE	
15249		XA525	76		XA524	76				18B	9		MWRCS0	01				SWW				
15169		XA524	76	2	XA523	76		2		16B	9		MWRCS0	02				SWW				
15089		XA523	76		XA522	76				16B	9		MWRCS0	03				SWW	Z4			
15009		XA522	76		XA521	76				16B	9		MWRCS0	04				SWW	Z4			
14929		XA521	76		XA520	76				16B	9		MWRCS0	05				SWW	Z4			
14849		XA520	76		XA519	76				16B	9		MWRCS0	06				SWW	Z4			
14769		XA519	76		XA518	76				16B	9		MWRCS0	07				SWW	Z4			
14689		XA518	76		XA518	36				16B	9		MWRCS0	08				SWW	Z4			
14649		XA518	36		XA519	36				16B	9		MWRCS0	09				SWW	Z2			
14729		XA519	36		XA520	36				16B	9		MWRCS0	10				SWW	Z2			
14809		XA520	36		XA521	36				16B	9		MWRCS0	11				SWW	Z2			
14889		XA521	36		XA522	36				16B	9		MWRCS0	12				SWW	Z2			
14969		XA522	36		XA523	36				16B	9		MWRCS0	13				SWW	Z2			
15049		XA523	36		XA524	36				16B	9		MWRCS0	14				SWW	Z2			
15129		XA524	36		XA525	36				16B	9		MWRCS0	15				SWW	Z2			
15209		XA525	36		XA527	19				16B	9		MWRCS0	16				SWW	Z2			
15353		XA527	19		XA534	36				16B	9		MWRCS0	17				CSE				
15937		XA534	36		XA535	36				16B	9		MWRCS0	18				SWW	Z2			
16017		XA535	36		XA536	36				16B	9		MWRCS0	19				SWW	Z2			
16097		XA536	36		XA537	36				16B	9		MWRCS0	20				SWW	Z2			
16177		XA537	36		XA538	36				16B	9		MWRCS0	21				SWW	Z2			
16257		XA538	36		XA539	36				16B	9		MWRCS0	22				SWW	Z2			
16337		XA539	36		XA540	36				16B	9		MWRCS0	23				SWW	Z2			
16417		XA540	36		XA541	36				16B	9		MWRCS0	24				SWW	Z2			
16497		XA541	36		XA541	76				16B	9		MWRCS0	25				SWW	Z2			
16537		XA541	76		XA540	76				16B	9		MWRCS0	26				SWW	Z4			
										***		SIGNAL	MWRCS0								IS ON THE NEXT PAGE	****



DRAWING NUMBER 149304-800 STRING UNIT ASSEMBLY NO. 149304 REV G INDEX MWRCSO  
 UNIT ASSEMBLY NAME CARD CAGE WIRED, MCU FILE IDENT T39AMCMU DATE 09-02-82 PAGE 205

RECORD NUMBER	FROM				TO				WIRE			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	EN TO	PREFIX	CONNECTOR	PIN	EN TO	MULTI GROUP	CODE	COLOR											
16457		XA540	76			XA539	76			168	9		MWRCSO	27			SWW	Z4				
16377		XA539	76			XA538	76			168	9		MWRCSO	28			SWW	Z4				
16297		XA538	76			XA537	76			168	9		MWRCSO	29			SWW	Z4				
16217		XA537	76			XA536	76			168	9		MWRCSO	30			SWW	Z4				
16137		XA536	76			XA535	76			168	9		MWRCSO	31			SWW	Z4				
16057		XA535	76			XA534	76			168	9		MWRCSO	32			SWW	Z4				
15977		XA534	76	1		XA525	76	1		168	9		MWRCSO	33			SWW	Z4				
15250		XA525	76										MWRCSO	34			SWW	Z4				
23266		XA542	54			XA542	48			168	9		MWREA0	01	MWRA4A	01	1	TQ2	D1		25A	
23278		XA542	48			XA542	40			168	9		MWREA0	02	MWRB4A	01	1	TQ2	D2		22A	
23263		XA542	40			XA542	34			168	9		MWREA0	04	MWRA3A	01	1	TQ2	C1		19A	
23275		XA542	34			XA542	24			168	9		MWREA0	05	MWRB3A	01	1	TQ2	C2		16A	
23260		XA542	24			XA542	18			168	9		MWREA0	07	MWRA2A	01	1	TQ2	B1		13A	
23272		XA542	18			XA542	08			168	9		MWREA0	08	MWRB2A	01	1	TQ2	B2		10A	
23257		XA542	08			XA542	04			168	9		MWREA0	10	MWRA1A	01	1	TQ2	A1		06A	
23269		XA542	04			XA234	66			168	9		MWREA0	11	MWRB1A	01	1	TQ2	A2		04A	
23280		XA234	66										MWREA0	13	MWREA0	00	1	TQ2	F1		31A	WRD RD SINK TMG
23281		XA234	68			XA235	33			168	9		MWRETA	01	MWREA0	01	1	TQ2	E1		32A	
23285		XA235	33							168	9		MWRETA	03	MWRETA	00	1	TQ2	C3		16B	WORD RD SINK TMG *
14901		XA521	48			XA520	48			168	9		MWRE1B	07			SWW	Z3				
14821		XA520	48			XA519	48			168	9		MWRE1B	08			SWW	Z3				
14741		XA519	48			XA518	48			168	9		MWRE1B	09			SWW	Z3				
14661		XA518	48			XA518	08			168	9		MWRE1B	10			SWW	Z3				
14621		XA518	08			XA519	08			168	9		MWRE1B	11			SWW	Z1				
14701		XA519	08			XA520	08			168	9		MWRE1B	12			SWW	Z1				
14781		XA520	08			XA521	08			168	9		MWRE1B	13			SWW	Z1				
14861		XA521	08			XA542	06			168	9		MWRE1B	14			SWW	Z1				
23287		XA542	06			XA542	01			168	9	P	MWRA1A	15	MWRE1B	01	1	TQ2	A1		05A	WRD GRP 1 RD SNK*
23286		XA542	01									P	MWRB1A	16	MWRE1B	02	1	TQ2	A2		02B	
15221		XA525	48			XA524	48			168	9		MWRE2B	07			SWW					
15141		XA524	48			XA523	48			168	9		MWRE2B	08			SWW					
15061		XA523	48			XA522	48			168	9		MWRE2B	09			SWW	Z3				
14981		XA522	48			XA522	08			168	9		MWRE2B	10			SWW	Z3				
14941		XA522	08			XA523	08			168	9		MWRE2B	11			SWW	Z1				
15021		XA523	08			XA524	08			168	9		MWRE2B	12			SWW	Z1				
15101		XA524	08			XA525	08			168	9		MWRE2B	13			SWW					
15181		XA525	08			XA542	22			168	9		MWRE2B	14			SWW					
23289		XA542	22			XA542	14			168	9	P	MWRA2A	15	MWRE2B	01	1	TQ2	B1		12A	WRD GRP 2 RD SNK*
23288		XA542	14							168	9	P	MWRB2A	16	MWRE2B	02	1	TQ2	B2		09A	
16189		XA537	48			XA536	48			168	9		MWRE3B	05			SWW					
16109		XA536	48			XA535	48			168	9		MWRE3B	06			SWW	Z3				
16029		XA535	48			XA534	48			168	9		MWRE3B	07			SWW	Z3				
15949		XA534	48			XA534	08			168	9		MWRE3B	08			SWW	Z3				
15908		XA534	08			XA535	08			168	9		MWRE3B	09			SWW	Z1				
15989		XA535	08			XA536	08			168	9		MWRE3B	10			SWW	Z1				
										****		SIGNAL	(MWRE3B)		IS ON THE	NEXT PAGE	****					

DRAWING NUMBER 149304-800 STRING UNIT ASSEMBLY NO. 149304 REV G INDEX MWRE3B  
 UNIT ASSEMBLY NAME CARD CAGE WIRED, MCU FILE IDENT T39AMCMU DATE 09-02-82 PAGE 206

RECORD NUMBER	FROM			TO			WIRE				SPEC INST WIRE	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	SNFG	PREFIX	CONNECTOR	PIN	SNFG	MULTI GROUP	CODE												
16069		XA536	08		XA537	08			16B	9		MWRE3B	11				SWW	Z1				
16149		XA537	08		XA542	38			16B	9		MWRE3B	12				SWW					
23291		XA542	38		XA542	30			16B	9		MWRA3A	13	MWRE3B	01	1	TQ2	C1		18A	WRD GRP 3 RD SNK*	
23290		XA542	30								P	MWRB3A	14	MWRE3B	02	1	TQ2	C2		15A		
23293		XA542	52		XA542	46			16B	9		MWRA4A	03	MWRE4B	01	1	TQ2	D1		24A	WRD GRP 4 RD SNK*	
23292		XA542	46		XA541	48			16B	9	P	MWRB4A	04	MWRE4B	02	1	TQ2	D2		21A		
16509		XA541	48		XA540	48			16B	9		MWRE4B	05				SWW	Z3				
16429		XA540	48		XA539	48			16B	9		MWRE4B	06				SWW	Z3				
16349		XA539	48		XA538	48			16B	9		MWRE4B	07				SWW	Z3				
16269		XA538	48		XA538	08			16B	9		MWRE4B	08				SWW	Z3				
16229		XA538	08		XA539	08			16B	9		MWRE4B	09				SWW	Z1				
16309		XA539	08		XA540	08			16B	9		MWRE4B	10				SWW	Z1				
16389		XA540	08		XA541	08			16B	9		MWRE4B	11				SWW	Z1				
16469		XA541	08									MWRE4B	12				SWW	Z1				
20940		XA240	24		XA237	34			16B	9		MWRSTA	01	MMCCEA	01	2	TT3	B1		13A		
23299		XA237	34		XA236	07			16B	9		MWRSTA	02	MWRSTO	01	1	TQ2	C2		16A		
23297		XA236	07		XA529	19			16B	9		MWRSTA	03	MWRSTA	00	1	TT3	A2		03A	READ CUR SRCE TMG*	
15517		XA529	19									MWRSTA	04				CSE					
23298		XA237	30		XA240	11			16B	9		MWRSTO	01	MWRSTO	00	1	TQ2	C2		15A	READ CUR SRCE TMG	
20959		XA240	11									MWRSTO	02	MMNCEA	01	2	TT3	A3		05B		
23303		XA542	09								J	MWSA1A	01	MWSA1A	00	1	TQ2	A3		04B	MWSE1B BUSS	
23306		XA542	21								J	MWSA2A	01	MWSA2A	00	1	TQ2	B3		10B	MWSE2B BUSS	
23309		XA542	33								J	MWSA3A	01	MWSA3A	00	1	TQ2	C3		16B	MWSE3B BUSS	
23312		XA542	45								J	MWSA4A	01	MWSA4A	00	1	TQ2	D3		24B	MWSE4B BUSS	
23315		XA542	15								J	MWSB1A	01	MWSB1A	00	1	TQ2	A4		07B	MWSE1B BUSS	
23318		XA542	27								J	MWSB2A	01	MWSB2A	00	1	TQ2	B4		13B	MWSE2B BUSS	
23321		XA542	39								J	MWSB3A	01	MWSB3A	00	1	TQ2	C4		19B	MWSE3B BUSS	
23324		XA542	51								J	MWSB4A	01	MWSB4A	00	1	TQ2	D4		27B	MWSE4B BUSS	
23325		XA235	01		XA338	62			16B	9		MWSETA	01	MWSETA	00	1	TQ2	A2		02B	WORD RD SRCE TMG*	
23329		XA338	62									MWSETA	02	MWSETO	01	1	TQ2	E2		29A		
23328		XA338	60		XA542	47			16B	9		MWSETO	01	MWSETO	00	1	TQ2	E2		28A	WORD RD SRCE TMG	
23322		XA542	47		XA542	41			16B	9		MWSETO	02	MWSB4A	01	1	TQ2	D4		25B		
23310		XA542	41		XA542	35			16B	9		MWSETO	03	MWSA4A	01	1	TQ2	D3		22B		
23319		XA542	35		XA542	29			16B	9		MWSETO	04	MWSB3A	01	1	TQ2	C4		17B		
23307		XA542	29		XA542	23			16B	9		MWSETO	05	MWSA3A	01	1	TQ2	C3		14B		
23316		XA542	23		XA542	17			16B	9		MWSETO	06	MWSB2A	01	1	TQ2	B4		11B		
23304		XA542	17		XA542	11			16B	9		MWSETO	07	MWSA2A	01	1	TQ2	B3		08B		
**** SIGNAL MWSETO IS ON THE NEXT PAGE ****																						

DRAWING NUMBER 149304-800 STRING UNIT ASSEMBLY NO. 149304 REV G INDEX MWSET0  
 UNIT ASSEMBLY NAME CARD CAGE WIRED, MCU FILE IDENT T39AMCMU DATE 09-02-82 PAGE 207

RECORD NUMBER	FROM			TO			WIRE				SFC 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
	PREFIX	CONNECTOR	PIN	PREFIX	CONNECTOR	PIN	MULTI GROUP	CODE	COLOR	IDENT												
23313		XA542	11		XA542	03		16B	9			MWSET0	08	MWSB1A	01	1	TQ2	A4		05B		
23301		XA542	03									MWSET0	09	MWSA1A	01	1	TQ2	A3		02A		
14919		XA521	66		XA520	66		16B	9			MWSE1B	07				SWW	Z4				
14839		XA520	66		XA519	66		16B	9			MWSE1B	08				SWW	Z4				
14759		XA519	66		XA518	66		16B	9			MWSE1B	09				SWW	Z4				
14679		XA518	66		XA518	20		16B	9			MWSE1B	10				SWW	Z4				
14633		XA518	20		XA519	20		16B	9			MWSE1B	11				SWW	Z2				
14713		XA519	20		XA520	20		16B	9			MWSE1B	12				SWW	Z2				
14793		XA520	20		XA521	20		16B	9			MWSE1B	13				SWW	Z2				
14873		XA521	20		XA542	15		16B	9			MWSE1B	14				SWW	Z2				
23332		XA542	15		XA542	09		16B	9		P	MWSE1B	15	MWSB1A	01	1	TQ2	A4		07B	WRD GRP 1 RD SRCE*	
23331		XA542	09								P	MWSA1A	16	MWSE1B	02	1	TQ2	A3		04B		
15239		XA525	66		XA524	66		16B	9			MWSE2B	07				SWW					
15159		XA524	66		XA523	66		16B	9			MWSE2B	08				SWW					
15079		XA523	66		XA522	66		16B	9			MWSE2B	09				SWW	Z4				
14999		XA522	66		XA522	20		16B	9			MWSE2B	10				SWW	Z4				
14953		XA522	20		XA523	20		16B	9			MWSE2B	11				SWW	Z2				
15033		XA523	20		XA524	20		16B	9			MWSE2B	12				SWW	Z2				
15113		XA524	20		XA525	20		16B	9			MWSE2B	13				SWW					
15193		XA525	20		XA542	21		16B	9			MWSE2B	14				SWW					
23333		XA542	21		XA542	27		16B	9		P	MWSA2A	15	MWSE2B	02	1	TQ2	B3		10B		
23334		XA542	27								P	MWSB2A	16	MWSE2B	01	1	TQ2	B4		13B	WRD GRP 2 RD SRCE*	
16207		XA537	66		XA536	66		16B	9			MWSE3B	07				SWW					
16127		XA536	66		XA535	66		16B	9			MWSE3B	08				SWW	Z4				
16047		XA535	66		XA534	66		16B	9			MWSE3B	09				SWW	Z4				
15967		XA534	66		XA534	20		16B	9			MWSE3B	10				SWW	Z4				
15921		XA534	20		XA535	20		16B	9			MWSE3B	11				SWW	Z2				
16001		XA535	20		XA536	20		16B	9			MWSE3B	12				SWW	Z2				
16081		XA536	20		XA537	20		16B	9			MWSE3B	13				SWW	Z2				
16161		XA537	20		XA542	33		16B	9			MWSE3B	14				SWW					
23335		XA542	33		XA542	39		16B	9		P	MWSA3A	15	MWSE3B	02	1	TQ2	C3		16B		
23336		XA542	39								P	MWSB3A	16	MWSE3B	01	1	TQ2	C4		19B	WRD GRP 3 RD SRCE*	
23337		XA542	45		XA542	51		16B	9		P	MWSA4A	03	MWSE4B	02	1	TQ2	D3		24B		
23338		XA542	51		XA541	66		16B	9		P	MWSB4A	04	MWSE4B	01	1	TQ2	D4		27B	WRD GRP 4 RD SRCE*	
16527		XA541	66		XA540	66		16B	9			MWSE4B	05				SWW	Z4				
16447		XA540	66		XA539	66		16B	9			MWSE4B	06				SWW	Z4				
16367		XA539	66		XA538	66		16B	9			MWSE4B	07				SWW	Z4				
16287		XA538	66		XA538	20		16B	9			MWSE4B	08				SWW	Z4				
16241		XA538	20		XA539	20		16B	9			MWSE4B	09				SWW	Z2				
16321		XA539	20		XA540	20		16B	9			MWSE4B	10				SWW	Z2				
16401		XA540	20		XA541	20		16B	9			MWSE4B	11				SWW	Z2				
16481		XA541	20									MWSE4B	12				SWW	Z2				
23339		XA319	46		XA219	10		16B	9			MWTOPA	01	MWTOPA	00	1	TQ2	D2		21A	BIT OP WRT 1*	
22838		XA219	10									MWTOPA	02	MWTOPO	01	2	TQ2	A1		07A		
								***	SIGNAL			MWTOOA		IS ON THE			NEXT PAGE		***			

DRAWING NUMBER 149304-800 STRING UNIT ASSEMBLY NO. 149304 REV G INDEX MWT00A  
 UNIT ASSEMBLY NAME CARD CAGE WIRED, MCU FILE IDENT T39AMCMU DATE 09-02-82 PAGE 208

RECORD NUMBER	FROM				TO				WIRE				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	DR FG	PREFIX	CONNECTOR	PIN	DR FG	MULTI GROUP	CODE	COLOR	IDENT											
22841 23344		XA219 XA319	05 45			XA319	45			16B	9		MWT00A MWT00A	01 02	MUT000 MWT00A	01 00	2 1	TQ2 TQ2	A2 D3		03B 24B	BIT 00 WRT 1*	
23347 22843		XA319 XA219	51 07			XA219	07			16B	9		MWT01A MWT01A	01 02	MWT01A MUT010	00 01	1 2	TQ2 TQ2	D4 A3		27B 03A	BIT 01 WRT 1*	
22846 23348		XA219 XA318	13 30			XA318	30			16B	9		MWT02A MWT02A	01 02	MUT020 MWT02A	01 00	2 1	TQ2 TQ2	A4 C2		06B 15A	BIT 02 WRT 1*	
23353 22850		XA318 XA219	33 26			XA219	26			16B	9		MWT03A MWT03A	01 02	MWT03A MUT030	00 01	1 2	TQ2 TQ2	C3 B1		16B 14A	BIT 03 WRT 1*	
22853 23356		XA219 XA318	20 39			XA318	39			16B	9		MWT04A MWT04A	01 02	MUT040 MWT04A	01 00	2 1	TQ2 TQ2	B2 C4		11A 19B	BIT 04 WRT 1*	
23357 22855		XA318 XA219	52 19			XA219	19			16B	9		MWT05A MWT05A	01 02	MWT05A MUT050	00 01	1 2	TQ2 TQ2	D1 B3		24A 09B	BIT 05 WRT 1*	
22858 23360		XA219 XA318	25 46			XA318	46			16B	9		MWT06A MWT06A	01 02	MUT060 MWT06A	01 00	2 1	TQ2 TQ2	B4 D2		12B 21A	BIT 06 WRT 1*	
23365 22862		XA318 XA219	45 42			XA219	42			16B	9		MWT07A MWT07A	01 02	MWT07A MUT070	00 01	1 2	TQ2 TQ2	D3 C1		24B 20A	BIT 07 WRT 1*	
22865 23368		XA219 XA318	36 51			XA318	51			16B	9		MWT08A MWT08A	01 02	MUT080 MWT08A	01 00	2 1	TQ2 TQ2	C2 D4		17A 27B	BIT 08 WRT 1*	
23369 22867		XA318 XA219	66 31			XA219	31			16B	9		MWT09A MWT09A	01 02	MWT09A MUT090	00 01	1 2	TQ2 TQ2	E1 C3		31A 15B	BIT 09 WRT 1*	
22870 23372		XA219 XA318	37 60			XA318	60			16B	9		MWT10A MWT10A	01 02	MUT100 MWT10A	01 00	2 1	TQ2 TQ2	C4 E2		18B 28A	BIT 10 WRT 1*	
23377 22874		XA318 XA219	57 56			XA219	56			16B	9		MWT11A MWT11A	01 02	MWT11A MUT110	00 01	1 2	TQ2 TQ2	E3 D1		30B 26A	BIT 11 WRT 1*	
22877 23380		XA219 XA318	50 63			XA318	63			16B	9		MWT12A MWT12A	01 02	MUT120 MWT12A	01 00	2 1	TQ2 TQ2	D2 E4		23A 33B	BIT 12 WRT 1*	
23381 22879		XA318 XA219	75 43			XA219	43			16B	9		MWT13A MWT13A	01 02	MWT13A MUT130	00 01	1 2	TQ2 TQ2	F1 D3		37B 23B	BIT 13 WRT 1*	
22882 23385		XA219 XA318	49 72			XA318	72			16B	9		MWT14A MWT14A	01 02	MUT140 MWT14A	01 00	2 1	TQ2 TQ2	D4 E2		26B 34A	BIT 14 WRT 1*	
23388 22886		XA318 XA219	69 70			XA219	70			16B	9		MWT15A MWT15A	01 02	MWT15A MUT150	00 01	1 2	TQ2 TQ2	F3 E1		35A 33A	BIT 15 WRT 1*	
22889 23392		XA219 XA318	64 80			XA318	80			16B	9		MWT16A MWT16A	01 02	MUT160 MWT16A	01 00	2 1	TQ2 TQ2	E2 F4		30A 39A	BIT 16 WRT 1*	

DRAWING NUMBER 149304-800 STRING UNIT ASSEMBLY NO. 149304 REV G INDEX MWT16A  
 UNIT ASSEMBLY NAME CARD CAGE WIRED, MCU FILE IDENT T39AMCMU DATE 09-02-82 PAGE 209

RECORD NUMBER	FROM				TO				WIRE				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 PG	PREFIX	CONNECTOR	PIN	SH PG	MULTI GROUP	CODE	COLOR	IDENT											
23393 22891	XA317 XA219	30 55			XA219	55				16B	9			MWT17A MWT17A	01 02	MWT17A MUT170	00 01	1 2	TQ2 TQ2	C2 E3	15A 29B	BIT 17 WRT 1 *	
22894 23398	XA219 XA317	61 33			XA317	33				16B	9			MWT18A MWT18A	01 02	MUT180 MWT18A	01 00	2 1	TQ2 TQ2	F4 C3	32B 16B	BIT 18 WRT 1 *	
23401 22898	XA317 XA219	39 79			XA219	79				16B	9			MWT19A MWT19A	01 02	MWT19A MUT190	00 01	1 2	TQ2 TQ2	C4 F1	19B 39B	BIT 19 WRT 1*	
22901 23402	XA219 XA317	73 52			XA317	52				16B	9			MWT20A MWT20A	01 02	MUT200 MWT20A	01 00	2 1	TQ2 TQ2	F2 D1	36B 24A	BIT 20 WRT 1*	
23405 22904	XA317 XA219	46 74			XA219	74				16B	9			MWT21A MWT21A	01 02	MWT21A MUT210	00 01	1 2	TQ2 TQ2	D2 E3	21A 35B	BIT 21 WRT 1*	
22906 23410	XA219 XA317	78 45			XA317	45				16B	9			MWT22A MWT22A	01 02	MUT220 MWT22A	01 00	2 1	TQ2 TQ2	F4 D3	38A 24B	BIT 22 WRT 1*	
22910 23413	XA319 XA317	26 51			XA317	51				16B	9			MWT23A MWT23A	01 02	MUT230 MWT23A	01 00	2 1	TQ2 TQ2	B1 D4	14A 27B	BIT 23 WRT 1*	
23414 22913	XA317 XA319	66 20			XA319	20				16B	9			MWT24A MWT24A	01 02	MWT24A MUT240	00 01	1 2	TQ2 TQ2	F1 B2	31A 11A	BIT 24 WRT 1*	
22915 23417	XA319 XA317	19 60			XA317	60				16B	9			MWT25A MWT25A	01 02	MUT250 MWT25A	01 00	2 1	TQ2 TQ2	B3 F2	09B 28A	BIT 25 WRT 1*	
23422 22918	XA317 XA319	57 25			XA319	25				16B	9			MWT26A MWT26A	01 02	MWT26A MUT260	00 01	1 2	TQ2 TQ2	E3 B4	30B 12B	BIT 26 WRT 1*	
22922 23425	XA319 XA317	42 63			XA317	63				16B	9			MWT27A MWT27A	01 02	MUT270 MWT27A	01 00	2 1	TQ2 TQ2	C1 E4	20A 33B	BIT 27 WRT 1*	
23426 22925	XA317 XA319	75 36			XA319	36				16B	9			MWT28A MWT28A	01 02	MWT28A MUT280	00 01	1 2	TQ2 TQ2	F1 C2	37B 17A	BIT 28 WRT 1*	
22927 23430	XA319 XA317	31 72			XA317	72				16B	9			MWT29A MWT29A	01 02	MUT290 MWT29A	01 00	2 1	TQ2 TQ2	C3 F2	15B 34A	BIT 29 WRT 1*	
23433 22930	XA317 XA319	69 37			XA319	37				16B	9			MWT30A MWT30A	01 02	MWT30A MUT300	00 01	1 2	TQ2 TQ2	E3 C4	35A 18B	BIT 30 WRT 1*	
22934 23437	XA319 XA317	56 80			XA317	80				16B	9			MWT31A MWT31A	01 02	MUT310 MWT31A	01 00	2 1	TQ2 TQ2	D1 F4	26A 39A	BIT 31 WRT 1*	
23438	XA542	66											J	MWVA1A	01	MWVA1A	00	1	TQ2	F1	31A	MWV01B BUSS	
23443	XA542	57											J	MWVA2A	01	MWVA2A	00	1	TQ2	E3	30B	MWV02B BUSS	

DRAWING NUMBER 149304-800 STRING UNIT ASSEMBLY NO. 149304 REV G INDEX MWWA2A  
 UNIT ASSEMBLY NAME CARD CAGE WIRED, MCU FILE IDENT T39AMCMU DATE 09-02-82 PAGE 210

RECORD NUMBER	FROM			TO			WIRE					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	SN PFC	PREFIX	CONNECTOR	PIN	SN PFC	MULTI GROUP	CODE	COLOR												IDENT
23444		XA542	75									J	MWWA3A	01	MWWA3A	00	1	TQ2	F1	37B	MW03B	BUSS	
23448		XA542	69									J	MWWA4A	01	MWWA4A	00	1	TQ2	F3	35A	MW04B	BUSS	
23450		XA542	60									J	MWWB1A	01	MWWB1A	00	1	TQ2	E2	28A	MW01B	BUSS	
23455		XA542	63									J	MWWB2A	01	MWWB2A	00	1	TQ2	E4	33B	MW02B	BUSS	
23457		XA542	72									J	MWWB3A	01	MWWB3A	00	1	TQ2	F2	34A	MW03B	BUSS	
23461		XA542	80									J	MWWB4A	01	MWWB4A	00	1	TQ2	F4	39A	MW04B	BUSS	
15900		XA533	80		XA534	13			1B8	9		MWNC50	AA									WRITE CUR SOURCE	
15914		XA534	13		XA525	13			1B8	9		MWNC50	00										
15186		XA525	13	2	XA524	13	2		16B	9		MWNC50	01										
15106		XA524	13	1	XA523	13	1		16B	9		MWNC50	02										
15026		XA523	13	2	XA522	13	2		16B	9		MWNC50	03							SWW	Z1		
14946		XA522	13	1	XA521	13	1		16B	9		MWNC50	04							SWW	Z1		
14866		XA521	13	2	XA520	13	2		16B	9		MWNC50	05							SWW	Z1		
14786		XA520	13	1	XA519	13	1		16B	9		MWNC50	06							SWW	Z1		
14706		XA519	13	2	XA518	13	2		16B	9		MWNC50	07							SWW	Z1		
14626		XA518	13	1	XA518	54	1		16B	9		MWNC50	08							SWW	Z1		
14667		XA518	54	2	XA519	54	2		16B	9		MWNC50	09							SWW	Z3		
14747		XA519	54	1	XA520	54	1		16B	9		MWNC50	10							SWW	Z3		
14827		XA520	54	2	XA521	54	2		16B	9		MWNC50	11							SWW	Z3		
14907		XA521	54	1	XA522	54	1		16B	9		MWNC50	12							SWW	Z3		
14987		XA522	54	2	XA523	54	2		16B	9		MWNC50	13							SWW	Z3		
15067		XA523	54	1	XA524	54	1		16B	9		MWNC50	14							SWW	Z3		
15147		XA524	54	2	XA525	54	2		16B	9		MWNC50	15							SWW			
15227		XA525	54	1	XA533	80	1		16B	9		MWNC50	16							SWW			
15899		XA533	80	2	XA534	54	2		16B	9		MWNC50	17							REG			
15955		XA534	54	1	XA535	54	1		16B	9		MWNC50	18							SWW	Z3		
16035		XA535	54	2	XA536	54	2		16B	9		MWNC50	19							SWW	Z3		
16115		XA536	54	1	XA537	54	1		16B	9		MWNC50	20							SWW	Z3		
16195		XA537	54	2	XA538	54	2		16B	9		MWNC50	21							SWW			
16275		XA538	54	1	XA539	54	1		16B	9		MWNC50	22							SWW	Z3		
16355		XA539	54	2	XA540	54	2		16B	9		MWNC50	23							SWW	Z3		
16435		XA540	54	1	XA541	54	1		16B	9		MWNC50	24							SWW	Z3		
16515		XA541	54	2	XA541	13	2		16B	9		MWNC50	25							SWW	Z3		
16474		XA541	13	1	XA540	13	1		16B	9		MWNC50	26							SWW	Z1		
16394		XA540	13	2	XA539	13	2		16B	9		MWNC50	27							SWW	Z1		
16314		XA539	13	1	XA538	13	1		16B	9		MWNC50	28							SWW	Z1		
16234		XA538	13	2	XA537	13	2		16B	9		MWNC50	29							SWW	Z1		
16154		XA537	13	1	XA536	13	1		16B	9		MWNC50	30							SWW			
16074		XA536	13	2	XA535	13	2		16B	9		MWNC50	31							SWW	Z1		
15994		XA535	13	1	XA534	13	1		16B	9		MWNC50	32							SWW	Z1		
15913		XA534	13									MWNC50	33							SWW	Z1		
									****		SIGNAL	MWNC1A			IS ON THE		NEXT PAGE		****				

DRAWING NUMBER 149304-800 STRING UNIT ASSEMBLY NO. 149304 REV G INDEX MWWC1A  
 UNIT ASSEMBLY NAME CARD CAGE WIRED, MCU FILE IDENT T39AMCMU DATE 09-02-82 PAGE 211

RECORD NUMBER	FROM				TO				WIRE				SIGNAL	SEC NO	EQUATION	TERM	FACTOR	CKT OR CHIP TYPE	GROUP	LOAD CR POWER PLANE	TEST POINTS AND/OR	SIGNAL DESCRIPTION	ECO NO	
	PREFIX	CONNECTOR	PIN	CH	PREFIX	CONNECTOR	PIN	CH	WIRE	GROUP	CODE	COLOR												IDENT
23462		XA516	66										J	MWWC1A	01	MWWC1A	00	1	TQ2	E1		31A	MWWI1B BUSS	
23467		XA516	57										J	MWWC2A	01	MWWC2A	00	1	TQ2	E3		30B	MWWI2B BUSS	
23468		XA516	75										J	MWWC3A	01	MWWC3A	00	1	TQ2	F1		37B	MWWI3B BUSS	
23472		XA516	69										J	MWWC4A	01	MWWC4A	00	1	TQ2	F3		35A	MWWI4B BUSS	
23474		XA516	60										J	MWWD1A	01	MWWD1A	00	1	TQ2	E2		28A	MWWI1B BUSS	
23479		XA516	63										J	MWWD2A	01	MWWD2A	00	1	TQ2	E4		33B	MWWI2B BUSS	
23481		XA516	72										J	MWWD3A	01	MWWD3A	00	1	TQ2	F2		34A	MWWI3B BUSS	
23485		XA516	80										J	MWWD4A	01	MWWD4A	00	1	TQ2	F4		39A	MWWI4B BUSS	
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		
23480		XA516	71		XA516	65				16B	9		MWWITO	03	MWWD3A	01	1	TQ2	F2			36A		
23471		XA516	65		XA516	68				16B	9		MWWITO	04	MWWC4A	01	1	TQ2	F3			34B		
23463		XA516	68		XA516	62				16B	9		MWWITO	05	MWWC1A	01	1	TQ2	E1			32A		
23475		XA516	62		XA516	59				16B	9		MWWITO	06	MWWD1A	01	1	TQ2	E2			29A		
23477		XA516	59		XA516	53				16B	9		MWWITO	07	MWWD2A	01	1	TQ2	E4			31B		
23465		XA516	53		XA234	51				16B	9		MWWITO	08	MWWC2A	01	1	TQ2	F3			28B		
23488		XA234	51										MWWITO	09	MWWITO	00	1	TQ2	D4			27B	WRD WRT SINK TMG *	
14637		XA518	24		XA519	24				16B	9		MWWI1B	01				SWW	Z2					
14717		XA519	24		XA520	24				16B	9		MWWI1B	02				SWW	Z2					
14797		XA520	24		XA521	24				16B	9		MWWI1B	03				SWW	Z2					
14877		XA521	24		XA521	68				16B	9		MWWI1B	04				SWW	Z2					
14921		XA521	68		XA520	68				16B	9		MWWI1B	05				SWW	Z4					
14841		XA520	68		XA519	68				16B	9		MWWI1B	06				SWW	Z4					
14761		XA519	68		XA518	68				16B	9		MWWI1B	07				SWW	Z4					
14681		XA518	68		XA516	60				16B	9		MWWI1B	08				SWW	Z4					
23489		XA516	60		XA516	66				16B	9		P	MWWD1A	09	MWWI1B	02	1	TQ2	E2		28A		
23490		XA516	66										P	MWWC1A	10	MWWI1B	01	1	TQ2	E1		31A	WRD GRP 1 WRT SNK*	
14957		XA522	24		XA523	24				16B	9		MWWI2B	01				SWW	Z2					
15037		XA523	24		XA524	24				16B	9		MWWI2B	02				SWW	Z2					
15117		XA524	24		XA525	24				16B	9		MWWI2B	03				SWW						
15197		XA525	24		XA525	68				16B	9		MWWI2B	04				SWW						
15241		XA525	68		XA524	68				16B	9		MWWI2B	05				SWW						
15161		XA524	68		XA523	68				16B	9		MWWI2B	06				SWW						
15081		XA523	68		XA522	68				16B	9		MWWI2B	07				SWW	Z4					
15001		XA522	68		XA516	57				16B	9		MWWI2B	08				SWW	Z4					
23491		XA516	57		XA516	63				16B	9		P	MWWC2A	09	MWWI2B	01	1	TQ2	E3		30B	WRD GRP 2 WRT SNK*	
23492		XA516	63										P	MWWD2A	10	MWWI2B	02	1	TQ2	E4		33B		
15925		XA534	24		XA535	24				16B	9		MWWI3B	01				SWW	Z2					
16005		XA535	24		XA536	24				16B	9		MWWI3B	02				SWW	Z2					
										****		SIGNAL	MWWI3B											IS ON THE NEXT PAGE ****

DRAWING NUMBER 149304-800 STRING UNIT ASSEMBLY NO. 149304 REV G INDEX MWW13B  
 UNIT ASSEMBLY NAME CARD CAGE WIRED, MCU FILE IDENT T39AMCMU DATE 09-02-82 PAGE 212

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	SH FTG	PREFIX	CONNECTOR	PIN	SH FTG	MULTI GROUP	COLOR											
16085		XA536	24			XA537	24			168	9					SWW	Z2				
16165		XA537	24			XA537	68			168	9					SWW					
16209		XA537	68			XA536	68			168	9					SWW					
16129		XA536	68			XA535	68			168	9					SWW	Z4				
16049		XA535	68			XA534	68			168	9					SWW	Z4				
15969		XA534	68			XA516	72			168	9					SWW	Z4				
23493		XA516	72			XA516	75			168	9	P	MWWD3A	09	MWWI3B	02	1	TQ2	F2	34A	
23494		XA516	75									P	MWWC3A	10	MWWI3B	01	1	TQ2	F1	37B WRD GRP 3 WRT SNK*	
16245		XA538	24			XA539	24			168	9					SWW	Z2				
16325		XA539	24			XA540	24			168	9					SWW	Z2				
16405		XA540	24			XA541	24			168	9					SWW	Z2				
16485		XA541	24			XA541	68			168	9					SWW	Z2				
16529		XA541	68			XA540	68			168	9					SWW	Z4				
16449		XA540	68			XA539	68			168	9					SWW	Z4				
16369		XA539	68			XA538	68			168	9					SWW	Z4				
16289		XA538	68			XA516	69			168	9					SWW	Z4				
23495		XA516	69			XA516	80			168	9	P	MWWC4A	09	MWWI4B	01	1	TQ2	F3	35A WRD GRP 4 WRT SNK*	
23496		XA516	80									P	MWWD4A	10	MWWI4B	02	1	TQ2	F4	39A	
23500		XA236	63			XA234	47			168	9		MWOTA	01	MWOTA	00	1	TT3	E3	33B	
23486		XA234	47			XA234	41			168	9		MWOTA	02	MWOTO	01	1	TQ2	D4	25B	
23501		XA234	41										MWOTA	03	MWOTO	01	1	TQ2	D3	22B	
23503		XA234	45			XA542	53			168	9		MWOTO	01	MWOTO	00	1	TQ2	D3	24B WRD WRT SRCE TMG *	
23441		XA542	53			XA542	59			168	9		MWOTO	02	MWBA2A	01	1	TQ2	E3	28B	
23453		XA542	59			XA542	65			168	9		MWOTO	03	MWBA2A	01	1	TQ2	E4	31B	
23447		XA542	65			XA542	71			168	9		MWOTO	04	MWBA4A	01	1	TQ2	F3	34B	
23456		XA542	71			XA542	77			168	9		MWOTO	05	MWBA3A	01	1	TQ2	F2	36A	
23445		XA542	77			XA542	76			168	9		MWOTO	06	MWBA3A	01	1	TQ2	F1	38B	
23459		XA542	76			XA542	68			168	9		MWOTO	07	MWBA4A	01	1	TQ2	F4	37A	
23439		XA542	68			XA542	62			168	9		MWOTO	08	MWBA1A	01	1	TQ2	E1	32A	
23451		XA542	62										MWOTO	09	MWBA1A	01	1	TQ2	E2	29A	
23505		XA542	66			XA542	60			168	9	P	MWBA1A	03	MWOB1B	01	1	TQ2	E1	31A WRD GRP1 WRT SRCE*	
23504		XA542	60			XA521	45			168	9	P	MWBA1A	04	MWOB1B	02	1	TQ2	E2	28A	
14898		XA521	45			XA520	45			168	9		MWOB1B	05				SWW	Z3		
14818		XA520	45			XA519	45			168	9		MWOB1B	06				SWW	Z3		
14738		XA519	45			XA518	45			168	9		MWOB1B	07				SWW	Z3		
14658		XA518	45			XA518	06			168	9		MWOB1B	08				SWW	Z3		
14619		XA518	06			XA519	06			168	9		MWOB1B	09				SWW	Z1		
14699		XA519	06			XA520	06			168	9		MWOB1B	10				SWW	Z1		
14779		XA520	06			XA521	06			168	9		MWOB1B	11				SWW	Z1		
14859		XA521	06										MWOB1B	12				SWW	Z1		
23507		XA542	63			XA542	57			168	9	P	MWBA2A	03	MWOB2B	02	1	TQ2	E4	33B	
23506		XA542	57			XA525	45			168	9	P	MWBA2A	04	MWOB2B	01	1	TQ2	E3	30B WRD GRP2 WRT SRCE*	
15218		XA525	45			XA524	45			168	9		MWOB2B	05				SWW			
15138		XA524	45			XA523	45			168	9		MWOB2B	06				SWW			
15058		XA523	45			XA522	45			168	9		MWOB2B	07				SWW	Z3		
										****			SIGNAL	MWOB2B					IS ON THE NEXT PAGE	****	



DRAWING NUMBER 149304-800 STRING UNIT ASSEMBLY NO. 149304 REV G INDEX MWW02B  
 UNIT ASSEMBLY NAME CARD CAGE WIRED, MCU FILE IDENT T39AMCMU DATE 09-02-82 PAGE 213

RECORD NUMBER	FROM			TO			WIRE				SFC 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
	PREFIX	CONNECTOR	PIN	PIN	PREFIX	CONNECTOR	PIN	REF	MULTI-GROUP	COLOR												
14978		XA522	45		XA522	06						MWW02B	08									
14939		XA522	06		XA523	06						MWW02B	09				SWW	Z3				
15019		XA523	06		XA524	06						MWW02B	10				SWW	Z1				
15099		XA524	06		XA525	06						MWW02B	11				SWW					
15179		XA525	06									MWW02B	12				SWW					
23509		XA542	75		XA542	72					P	MWNA3A	03	MWW03B	01	1	TQ2	F1			37B	WRD GRP3 WRT SRCE*
23508		XA542	72		XA537	45					P	MWNB3A	04	MWW03B	02	1	TQ2	F2			34A	
16186		XA537	45		XA536	45						MWW03B	05				SWW					
16106		XA536	45		XA535	45						MWW03B	06				SWW	Z3				
16026		XA535	45		XA534	45						MWW03B	07				SWW	Z3				
15946		XA534	45		XA534	06						MWW03B	08				SWW	Z3				
15906		XA534	06		XA535	06						MWW03B	09				SWW	Z1				
15987		XA535	06		XA536	06						MWW03B	10				SWW	Z1				
16067		XA536	06		XA537	06						MWW03B	11				SWW	Z1				
16147		XA537	06									MWW03B	12				SWW					
23511		XA542	80		XA542	69					P	MWNB4A	03	MWW04B	02	1	TQ2	F4			35A	
23510		XA542	69		XA541	45					P	MWNA4A	04	MWW04B	01	1	TQ2	F3			35A	WRD GRP4 WRT SRCE*
16506		XA541	45		XA540	45						MWW04B	05				SWW	Z3				
16426		XA540	45		XA539	45						MWW04B	06				SWW	Z3				
16346		XA539	45		XA538	45						MWW04B	07				SWW	Z3				
16266		XA538	45		XA538	06						MWW04B	08				SWW	Z3				
16227		XA538	06		XA539	06						MWW04B	09				SWW	Z1				
16307		XA539	06		XA540	06						MWW04B	10				SWW	Z1				
16387		XA540	06		XA541	06						MWW04B	11				SWW	Z1				
16467		XA541	06									MWW04B	12				SWW	Z1				
21151		XA225	71		XA236	76						MWOFFR	005	MPMRAO	01	2	TT3	F2			36A	
20987		XA236	76		XA236	42						MWOFFR	01	MMYPEA	01	2	TT3	F3			37A	
23518		XA236	42		XA237	01						MWOFFR	02	MWOFFS	01	3	TT3	C1			20A	
23512		XA237	01		XA238	04						MWOFER	03	MWOFFR	00	1	TQ2	A2			02B	OFF-LINE *
21424		XA238	04									MWOFFR	04	MPOBCO	01	1	TQ2	A2			04A	
23515		XA236	36		XA237	04						MWOFFS	01	MWOFFS	00	1	TT3	C1			17A	OFF-LINE
23513		XA237	04									MWOFFS	02	MWOFFR	01	1	TQ2	A2			06A	
23520		XA315	72		XA327	41						PWLMPA	01	PWLMPA	00	1	TQ2	F2			34A	MULTAR BUSS
23522		XA327	41									PWLMPA	21	PWLMPD	01	1	TLD	D3			22B	
07344		XA301	29		XA106	09						PWLMPB4	00				FP					
01234		XA106	09									PWLMPB4	02				MTS					
23524		XA327	45								J	PWLMPD	01	PWLMPD	00	1	TLD	D3			24B	
01235		XA106	10		XA315	71						PWLPTB4	005				MTS					
23519		XA315	71		XA342	66						PWLPTB4	01	PWLMPA	01	1	TQ2	F2			36A	
09177		XA342	66									PWLPTB4	02				RR4	G2				
22640		XA216	10		XA215	07						SPT001	01	MUB4AA	01	2	TQ2	A1			07A	
											****	SIGNAL	ISPT001									IS ON THE NEXT PAGE ****

DRAWING NUMBER 149304-800 STRING UNIT ASSEMBLY NO. 149304 REV G INDEX SPI001  
 UNIT ASSEMBLY NAME CARD CAGE WIRED, MCU FILE IDENT T39AMCMU DATE 09-02-82 PAGE 214

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		PREFIX	CONNECTOR	PIN	MULTI GROUP	CODE												COLOR
22377		XA215	07		XA215	05			16B	9		SPI001	02	MUA1AA	01	2	TQ2	A3		03A	
22307		XA215	05		XA216	05			16B	9		SPI001	03	MUA0BA	01	2	TQ2	A2		03B	
22643		XA216	05		XA216	07			16B	9		SPI001	04	MUB4BA	01	2	TQ2	A2		03B	
22657		XA216	07		XA215	10			16B	9		SPI001	05	MUB5AA	01	2	TQ2	A3		03A	
22304		XA215	10		XA216	13			16B	9		SPI001	06	MUA0AA	01	2	TQ2	A1		07A	
22660		XA216	13		XA215	13			16B	9		SPI001	07	MUB5BA	01	2	TQ2	A4		06B	
22380		XA215	13		XA215	19			16B	9		SPI001	08	MUA1BA	01	2	TQ2	A4		06B	
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	
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	
22676		XA216	26		XA216	25			16B	9		SPI001	13	MUB6AA	01	2	TQ2	B1		14A	
22696		XA216	25		XA215	26			16B	9		SPI001	14	MUB7BA	01	2	TQ2	B4		12B	
22396		XA215	26		XA215	25			16B	9		SPI001	15	MUA2AA	01	2	TQ2	B1		14A	
22416		XA215	25		XA215	31			16B	9		SPI001	16	MUA3BA	01	2	TQ2	B4		12B	
22449		XA215	31		XA215	37			16B	9		SPI001	17	MUA5AA	01	2	TQ2	C3		15B	
22452		XA215	37		XA215	36			16B	9		SPI001	18	MUA5BA	01	2	TQ2	C4		18B	
22435		XA215	36		XA215	42			16B	9		SPI001	19	MUA4BA	01	2	TQ2	C2		17A	
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	
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	
22468		XA215	56		XA215	55			16B	9		SPI001	24	MUA6AA	01	2	TQ2	D1		26A	
22585		XA215	55		XA215	61			16B	9		SPI001	25	MUB1AA	01	2	TQ2	E3		29B	
22588		XA215	61		XA215	64			16B	9		SPI001	26	MUB1BA	01	2	TQ2	E4		32B	
22515		XA215	64		XA215	70			16B	9		SPI001	27	MUB0BA	01	2	TQ2	E2		30A	
22512		XA215	70		XA215	74			16B	9		SPI001	28	MUB0AA	01	2	TQ2	E1		33A	
22622		XA215	74		XA215	73			16B	9		SPI001	29	MUB3AA	01	2	TQ2	F3		35B	
22607		XA215	73		XA215	79			16B	9		SPI001	30	MUB2BA	01	2	TQ2	F2		36B	
22604		XA215	79		XA215	78			16B	9		SPI001	31	MUB2AA	01	2	TQ2	F1		39B	
22624		XA215	78		XA330	63			16B	9		SPI001	32	MUB3BA	01	2	TQ2	F4		38A	
08863		XA330	63									SPI001	33				RR4	G4			
09004		XA337	77		XA330	61			16B	9		SPI002	005		01	6	TS8	E1		38B	
08861		XA330	61		XA228	79			16B	9		SPI002	01		01	4	RR4	G5			
06324		XA228	79		XA228	73			16B	9		SPI002	04		01	4	TQ4	F1		39B	
06318		XA228	73		XA229	66			16B	9		SPI002	05		01	3	TD4	F2		36B	
21486		XA229	66		XA229	52			16B	9		SPI002	06	MRA22P	01	1	TDD	JP		31A	
21474		XA229	52		XA229	38			16B	9		SPI002	08	MRA20P	01	1	TDD	GP		24A	
21462		XA229	38		XA229	22			16B	9		SPI002	09	MRA18P	01	1	TDD	EP		18A	
21449		XA229	22		XA229	06			16B	9		SPI002	10	MRA16P	01	1	TDD	CP		12A	
21437		XA229	06		XA237	48			16B	9		SPI002	11	MRA14P	01	1	TDD	AP		05A	
06418		XA237	48		XA237	41			16B	9		SPI002	11C		01	1	TQ2	D2		22A	
06413		XA237	41		XA241	20			16B	9		SPI002	11P		01	1	TQ2	D3		22B	
06480		XA241	20		XA241	50			16B	9		SPI002	113		01	4	TS8	B1		11A	
06501		XA241	50		XA222	08			16B	9		SPI002	115		01	5	TS8	D1		23A	
06144		XA222	08		XA216	42			16B	9		SPI002	12		01	1	DCF	A6		06A	
06037		XA216	42		XA216	36			16B	9		SPI002	28		01	2	TQ2	C1		20A	
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	
									***			SIGNAL (SPI002)							IS ON THE		***

DRAWING NUMBER 149304-800 STRING UNIT ASSEMBLY NO. 149304 REV G INDEX SPI002  
 UNIT ASSEMBLY NAME CARD CAGE WIRED, MCU FILE IDENT T39AMCMU DATE 09-02-82 PAGE 215

RECORD NUMBER	FROM				TO				WIRE				SFC 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
	PREFIX	CONNECTOR	PIN	DR #	PREFIX	CONNECTOR	PIN	DR #	MULTI-GROUP	CODE	COLOR	IDENT												
06028		XA216	29										SPI002	31		01	1	TQ2	C3		14B			
08878		XA330	78		XA229	80				168	9		SPI003	01				RR4	H1					
21500		XA229	80		XA237	11				168	9		SPI003	02	MRA24Q	01	1	TDD	LQ		39A			
06403		XA237	11		XA241	24				168	9		SPI003	03		01	1	TQ2	A4		05B			
06484		XA241	24		XA241	52				168	9		SPI003	035		01	6	TS8	B1		13A			
06503		XA241	52		XA231	03				168	9		SPI003	04		01	6	TS8	D1		24A			
22106		XA231	03		XA232	03				168	9		SPI003	05	MTC03Q	01	1	TDD	BQ		02A			
22100		XA232	03		XA232	17				168	9		SPI003	06	MTC02Q	01	1	TDD	BQ		02A			
22124		XA232	17		XA231	17				168	9		SPI003	07	MTC06Q	01	1	TDD	DQ		08B			
22130		XA231	17		XA230	15				168	9		SPI003	08	MTC07Q	01	1	TDD	DQ		08B			
21518		XA230	15		XA229	15				168	9		SPI003	09	MRA26Q	01	1	TDD	AQ		07B			
21440		XA229	15		XA229	27				168	9		SPI003	10	MRA14Q	01	1	TDD	AQ		07B			
21452		XA229	27		XA230	27				168	9		SPI003	11	MRA16Q	01	1	TDD	CQ		13B			
21530		XA230	27		XA231	29				168	9		SPI003	12	MRA28Q	01	1	TDD	CQ		13B			
22154		XA231	29		XA232	29				168	9		SPI003	13	MTC11Q	01	1	TDD	EQ		14B			
22148		XA232	29		XA231	48				168	9		SPI003	14	MTC10Q	01	1	TDD	FQ		14B			
18827		XA231	48		XA232	41				168	9		SPI003	15	MAENAI	01	1	TDD	HI		22A			
22172		XA232	41		XA230	41				168	9		SPI003	16	MTC14Q	01	1	TDD	HQ		22B			
22178		XA230	41		XA230	39				168	9		SPI003	17	MTC15Q	01	1	TDD	HQ		22B			
21542		XA230	39		XA229	39				168	9		SPI003	18	MRA30Q	01	1	TDD	EQ		19B			
21464		XA229	39		XA229	51				168	9		SPI003	19	MRA18Q	01	1	TDD	EQ		19B			
21476		XA229	51		XA230	53				168	9		SPI003	20	MRA20Q	01	1	TDD	GQ		27B			
22202		XA230	53		XA231	53				168	9		SPI003	21	MTC19Q	01	1	TDD	KQ		28B			
22196		XA231	53		XA231	65				168	9		SPI003	22	MTC18Q	01	1	TDD	KQ		28B			
22220		XA231	65		XA230	65				168	9		SPI003	23	MTC22Q	01	1	TDD	MQ		34B			
20247		XA230	65		XA229	63				168	9		SPI003	24	MDENAQ	01	1	TDD	MQ		34B			
21488		XA229	63		XA228	72				168	9		SPI003	25	MRA22Q	01	1	TDD	JQ		33B			
06317		XA228	72		XA228	78				168	9		SPI003	27		01	2	TD4	F2		34A			
06323		XA228	78		XA220	50				168	9		SPI003	28		01	3	TD4	F1		38A			
06089		XA220	50		XA222	04				168	9		SPI003	32		01	1	DCF	C8		28A			
06142		XA222	04		XA216	34				168	9		SPI003	34		01	1	DCF	A8		04A			
06033		XA216	34		XA216	31				168	9		SPI003	35		01	1	TQ2	C2		16A			
06030		XA216	31		XA216	40				168	9		SPI003	37		01	2	TQ2	C3		15B			
06036		XA216	40										SPI003	38		01	1	TQ2	C1		19A			
11929		XA430	71		XA330	76				168	9		SPI004	02		01	1	TS8	F1		36A			
08876		XA330	76		XA334	48				168	9		SPI004	08				RR4	H2					
08930		XA334	48		XA334	54				168	9		SPI004	09		01	3	TD4	D2		22A			
08936		XA334	54		XA334	64				168	9		SPI004	10		01	3	TD4	D1		25A			
08946		XA334	64		XA334	66				168	9		SPI004	11		01	4	TD4	E2		30A			
08948		XA334	66		XA337	66				168	9		SPI004	12		01	2	TD4	E1		37A			
22281		XA337	66		XA239	71				168	9		SPI004	14	MTSRTA	01	6	TS8	E1		31A			
21017		XA239	71		XA239	31				168	9		SPI004	15	MPANTA	01	1	TD4	E2		36A			
06443		XA239	31		XA240	41				168	9		SPI004	16		01	2	TD4	C2		15B			
06463		XA240	41		XA230	03				168	9		SPI004	17		01	1	TT3	D2		22B			
21523		XA230	03		XA229	03				168	9		SPI004	18	MRA27Q	01	1	TDD	BQ		02A			
21445		XA229	03		XA229	17				168	9		SPI004	19	MRA15Q	01	1	TDD	BQ		02A			
21457		XA229	17		XA230	17				168	9		SPI004	20	MRA17Q	01	1	TDD	DQ		08B			
21535		XA230	17		XA229	29				168	9		SPI004	21	MRA29Q	01	1	TDD	DQ		08B			
												****	SIGNAL	(SPI004)	IS ON THE	NEXT PAGE	****							

DRAWING NUMBER 149304-800 STRING UNIT ASSEMBLY NO. 149304 REV G INDEX SPI004  
 UNIT ASSEMBLY NAME CARD CAGE WIRED, MCU FILE IDENT T39AMCMU DATE 09-02-82 PAGE 216

RECORD NUMBER	FROM			DIR	TO			MULTI GROUP	WIRE			SPEC INST	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		CODE	COLOR	IDENT												
21469		XA229	29		XA229	41		168	9			SPI004	23	MRA19Q	01	1	TDD	FQ		14B			
21481		XA229	41		XA229	53		168	9			SPI004	24	MRA21Q	01	1	TDD	HQ		22B			
21493		XA229	53		XA229	65		168	9			SPI004	26	MRA23Q	01	1	TDD	KQ		28B			
21508		XA229	65		XA228	71		168	9			SPI004	27	MRA25Q	01	1	TDD	MQ		34B			
06316		XA228	71		XA228	75		168	9			SPI004	28		01	1	TD4	F2		36A			
06320		XA228	75		XA326	15		168	9			SPI004	29		01	1	TD4	F1		37B			
19710		XA326	15		XA324	03		168	9			SPI004	30	MCENAQ	01	1	TDD	AQ		07B			
21779		XA324	03									SPI004	31	MRM01Q	01	1	TDD	BQ		02A			
21116		XA241	72		XA241	43		168	9			SPI005	00A	MPENTS	01	2	TS8	F1		34A			
06494		XA241	43		XA241	22		168	9			SPI005	00C		01	1	TS8	D1		23B			
06482		XA241	22		XA237	17		168	9			SPI005	005		01	5	TS8	B1		12A			
06408		XA237	17		XA230	29		168	9			SPI005	007		01	1	TQ2	B3		08B			
19271		XA230	29		XA321	19		168	9			SPI005	01	MBENAQ	01	1	TDD	FQ		14B			
08622		XA321	19		XA321	08		168	9			SPI005	02		01	1	ACF	A2		08B			
08613		XA321	08		XA321	07		168	9			SPI005	03		01	1	ACF	A3		05B			
08612		XA321	07		XA322	07		168	9			SPI005	04		01	1	ACF	A1		03A			
08669		XA322	07		XA322	08		168	9			SPI005	05		01	1	ACF	A1		03A			
08670		XA322	08		XA322	19		168	9			SPI005	06		01	1	ACF	A3		05B			
08679		XA322	19		XA330	75		168	9			SPI005	065		01	1	ACF	A2		08B			
08875		XA330	75		XA338	40		168	9			SPI005	07				RR4	H3					
09021		XA338	40		XA338	23		168	9			SPI005	07C		01	1	TQ2	C1		19A			
09011		XA338	23		XA433	03		168	9			SPI005	07L		01	1	TQ2	B4		11B			
11979		XA433	03		XA433	11		168	9			SPI005	08		01	1	TQ2	A3		02A			
11982		XA433	11		XA432	34		168	9			SPI005	08C		01	1	TQ2	A4		05B			
11965		XA432	34		XA432	40		168	9			SPI005	08L		01	1	TQ2	C2		16A			
11968		XA432	40		XA430	30		168	9			SPI005	085		01	1	TQ2	C1		19A			
11906		XA430	30		XA430	72		168	9			SPI005	09		01	1	TS8	C1		15A			
11930		XA430	72									SPI005	10		01	2	TS8	F1		34A			
08873		XA330	73		XA430	31		168	9			SPI006	03				RR4	H4					
11907		XA430	31		XA430	22		168	9			SPI006	05		01	2	TS8	C1		15B			
21229		XA430	22		XA429	64		168	9			SPI006	06	HPPDSA1	01	5	TS8	B1		12A			
19727		XA429	64		XA429	70		168	9			SPI006	07	MCENE01	01	2	TQ2	E2		30A			
20265		XA429	70		XA422	70		168	9			SPI006	08	MDENE01	01	2	TQ2	E1		33A			
11610		XA422	70		XA424	34		168	9			SPI006	10		01	1	DCF	D8		35A			
11671		XA424	34		XA321	15		168	9			SPI006	11		01	1	DCF	B8		12A			
08619		XA321	15		XA321	09		168	9			SPI006	11C		01	2	ACF	A2		07B			
08614		XA321	09		XA321	05		168	9			SPI006	11D		01	2	ACF	A1		04A			
08610		XA321	05		XA322	05		168	9			SPI006	11E		01	2	ACF	A3		04B			
08667		XA322	05		XA322	09		168	9			SPI006	11J		01	2	ACF	A3		04B			
08671		XA322	09		XA322	15		168	9			SPI006	11K		01	2	ACF	A1		04A			
08676		XA322	15		XA220	70		168	9			SPI006	11L		01	2	ACF	A2		07B			
06101		XA220	70		XA222	34		168	9			SPI006	13		01	1	DCF	D8		35A			
06162		XA222	34		XA241	46		168	9			SPI006	14		01	1	DCF	B8		12A			
06497		XA241	46		XA241	14		168	9			SPI006	15		01	2	TS8	D1		21A			
06474		XA241	14									SPI006	16		01	1	TS8	B1		09A			
08871		XA330	71		XA321	71		168	9			SPI007	01				RR4	H5					
19960		XA321	71		XA321	68		168	9			SPI007	02	MCYS1TX	01	1	ACF	D3		36B			
								****	SIGNAL			(SPI007)								IS ON THE		****	

DRAWING NUMBER 149304-800 STRING UNIT ASSEMBLY NO. 149304 REV G INDEX SPI007  
 UNIT ASSEMBLY NAME CARD CAGE WIRED, MCU FILE IDENT T39AMCMU DATE 09-02-82 PAGE 217

RECORD NUMBER	FROM			TO			WIRE				SFC INST MISC	SIGNAL	SEQ NO	EQUATION	TERM	FACTOR	CKT OR CHIP TYPE	ORIG	LOAD OR POWER PLANE	TEST POINTS AND/OR	SIGNAL DESCRIPTION	ECO NO
	PREFIX	CONNECTOR	PIN	PREFIX	CONNECTOR	PIN	SN PO	MULTI GROUP	CODE	COLOR												
20756		XA321	68		XA321	66			168	9		SPI007	03	MDYS1TX	01	1	ACF	E3		36A		
19082		XA321	66		XA321	64			168	9		SPI007	04	MAYS1TX	01	1	ACF	B3		34B		
19522		XA321	64		XA322	64			168	9		SPI007	04C	MBYS1TX	01	1	ACF	C3		34A		
08711		XA322	64		XA322	66			168	9		SPI007	04D		01	1	ACF	C3		34A		
19090		XA322	66		XA322	68			168	9		SPI007	04E	MAYS2TX	01	1	ACF	B3		34B		
08714		XA322	68		XA322	71			168	9		SPI007	04K		01	1	ACF	E3		36A		
08716		XA322	71		XA228	77			168	9		SPI007	04L		01	1	ACF	D3		36B		
06322		XA228	77		XA229	73			168	9		SPI007	06		01	2	TD4	F1		38B		
21507		XA229	73		XA228	74			168	9		SPI007	07	MRA25P	01	1	TDD	MP		36B		
06319		XA228	74		XA229	64			168	9		SPI007	08		01	4	TD4	F2		38B		
21492		XA229	64		XA229	50			168	9		SPI007	10	MRA23P	01	1	TDD	KP		30A		
21480		XA229	50		XA230	71			168	9		SPI007	11	MRA21P	01	1	TDD	HP		23A		
20243		XA230	71		XA230	34			168	9		SPI007	12	MDENA I	01	1	TDD	MI		36A		
19267		XA230	34		XA229	36			168	9		SPI007	13	MBENAI	01	1	TDD	FI		16A		
21468		XA229	36		XA229	20			168	9		SPI007	14	MRA19P	01	1	TDD	FP		17A		
21455		XA229	20		XA230	20			168	9		SPI007	15	MRA17P	01	1	TDD	DP		11A		
21533		XA230	20		XA230	04			168	9		SPI007	16	MRA29P	01	1	TDD	DP		11A		
21521		XA230	04		XA229	04			168	9		SPI007	17	MRA27P	01	1	TDD	BP		04A		
21443		XA229	04		XA241	10			168	9		SPI007	18	MRA15P	01	1	TDD	BP		04A		
21140		XA241	10		XA239	36			168	9		SPI007	19	MPINRO	01	7	TS8	A1		07A		
06447		XA239	36		XA241	66			168	9		SPI007	20		01	4	TD4	C2		17A		
21402		XA241	66		XA241	48			168	9		SPI007	21	MPSBRS	01	6	TS8	E1		31A		
06499		XA241	48		XA241	18			168	9		SPI007	24		01	3	TS8	D1		22A		
06478		XA241	18		XA240	46			168	9		SPI007	26		01	2	TS8	B1		10A		
06466		XA240	46									SPI007	27		01	2	TT3	D2		21A		
09002		XA337	75		XA342	08			168	9		SPI008	005		01	5	TS8	F1		37B		
09119		XA342	08		XA231	80			168	9		SPI008	01				RR4	A1				
22209		XA231	80		XA230	80			168	9		SPI008	02	MTC20Q	01	1	TDD	LQ		39A		
22215		XA230	80		XA229	75			168	9		SPI008	03	MTC21Q	01	1	TDD	LQ		39A		
21497		XA229	75		XA230	63			168	9		SPI008	04	MRA24P	01	1	TDD	LP		37B		
22191		XA230	63		XA231	63			168	9		SPI008	05	MTC17Q	01	1	TDD	JQ		33B		
22185		XA231	63		XA231	51			168	9		SPI008	06	MTC16Q	01	1	TDD	JQ		33B		
22167		XA231	51		XA230	51			168	9		SPI008	07	MTC13Q	01	1	TDD	GQ		27B		
22249		XA230	51		XA232	51			168	9		SPI008	08	MTRSTQ	01	1	TDD	GQ		27B		
22161		XA232	51		XA232	39			168	9		SPI008	09	MTC12Q	01	1	TDD	GQ		27B		
22137		XA232	39		XA231	39			168	9		SPI008	10	MTC08Q	01	1	TDD	EQ		19B		
22143		XA231	39		XA230	38			168	9		SPI008	11	MTC09Q	01	1	TDD	EQ		19B		
21540		XA230	38		XA231	27			168	9		SPI008	12	MRA30P	01	1	TDD	EP		18A		
22119		XA231	27		XA232	27			168	9		SPI008	13	MTC05Q	01	1	TDD	CQ		13B		
22113		XA232	27		XA232	15			168	9		SPI008	14	MTC04Q	01	1	TDD	CQ		13B		
22089		XA232	15		XA231	15			168	9		SPI008	15	MTC00Q	01	1	TDD	AQ		07B		
22095		XA231	15		XA230	22			168	9		SPI008	16	MTC01Q	01	1	TDD	AQ		07B		
21527		XA230	22		XA230	06			168	9		SPI008	17	MRA28P	01	1	TDD	CP		12A		
21515		XA230	06		XA234	05			168	9		SPI008	18	MRA26P	01	1	TDD	AP		05A		
22231		XA234	05		XA234	07			168	9		SPI008	19	MTMR2A	01	2	TQ2	A2		03B		
22233		XA234	07		XA234	10			168	9		SPI008	20	MTMR3A	01	2	TQ2	A3		03A		
22228		XA234	10		XA234	13			168	9		SPI008	21	MTMR1A	01	2	TQ2	A1		07A		
22236		XA234	13		XA234	19			168	9		SPI008	22	MTMR4A	01	2	TQ2	A4		06B		
22066		XA234	19		XA234	25			168	9		SPI008	23	MTC11A	01	2	TQ2	B3		09B		
												****	SIGNAL	(SPI008)						IS ON THE	NEXT PAGE	****

DRAWING NUMBER 149304-800 STRING UNIT ASSEMBLY NO. 149304 REV G INDEX SPI008  
 UNIT ASSEMBLY NAME CARD CAGE WIRED, MCU FILE IDENT T39AMCMU DATE 09-02-82 PAGE 218

RECORD NUMBER	FROM				TO				WIRE				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	SRG	PREFIX	CONNECTOR	PIN	SRG	MULTI GROUP	CODE	COLCR	IDENT											
22069		XA234	25		XA234	26			168	9			SPI008	24	MTCP2A	01	2	TQ2	B4		12B		
22053		XA234	26		XA234	36			168	9			SPI008	25	MTAMRA	01	2	TQ2	B1		14A		
22076		XA234	36		XA234	42			168	9			SPI008	26	MTCP4A	01	2	TQ2	C2		17A		
22073		XA234	42		XA234	43			168	9			SPI008	27	MTCP3A	01	2	TQ2	C1		20A		
23502		XA234	43		XA234	50			168	9			SPI008	28	MWOT0	01	2	TQ2	D3		23B		
23243		XA234	50		XA234	56			168	9			SPI008	30	MWG040	01	2	TQ2	D2		23A		
23237		XA234	56		XA234	37			168	9			SPI008	31	MWG030	01	2	TQ2	D1		26A		
23230		XA234	37		XA234	31			168	9			SPI008	33	MWG020	01	2	TQ2	C4		18B		
23224		XA234	31										SPI008	34	MWG010	01	2	TQ2	C3		15B		
11932		XA430	74		XA430	24			168	9			SPI009	02		01	4	TS8	F1		35B		
21231		XA430	24		XA430	37			168	9			SPI009	04	MPPDSA1	01	6	TS8	B1		13A		
11913		XA430	37		XA342	10			168	9			SPI009	05		01	5	TS8	C1		18B		
09121		XA342	10		XA241	49			168	9			SPI009	10				RR4	A2				
06500		XA241	49		XA241	19			168	9			SPI009	10C		01	4	TS8	D1		26B		
06479		XA241	19		XA241	79			168	9			SPI009	11		01	3	TS8	B1		09B		
21123		XA241	79		XA239	78			168	9			SPI009	12	MPENTS	01	8	TS8	F1		39B		
21408		XA239	78		XA240	48			168	9			SPI009	13	MPS2AA	01	3	TD4	F1		38A		
06467		XA240	48		XA235	42			168	9			SPI009	14		01	3	TT3	D2		22A		
06390		XA235	42		XA231	41			168	9			SPI009	15		01	2	TQ2	C1		20A		
18831		XA231	41		XA225	78			168	9			SPI009	16	MAENAQ	01	1	TDD	HQ		22B		
22056		XA225	78										SPI009	17	MTAMRQ	01	3	TT3	F3		38A		
22262		XA236	14		XA235	13			168	9			SPI010	00	MTR06A	01	1	TT3	B2		09A		
21502		XA235	13		XA235	07			168	9			SPI010	01	MRA25A	01	2	TQ2	A4		06B		
21511		XA235	07		XA235	10			168	9			SPI010	03	MRA250	01	2	TQ2	A3		03A		
22060		XA235	10		XA237	07			168	9			SPI010	04	MTCLK0	01	2	TQ2	A1		07A		
21421		XA237	07		XA237	13			168	9			SPI010	05	MPOBCA	01	2	TQ2	A3		03A		
06405		XA237	13		XA238	10			168	9			SPI010	06		01	2	TQ2	A4		06B		
22243		XA238	10		XA238	20			168	9			SPI010	09	MTRINO	01	2	TQ2	A1		07A		
18808		XA238	20		XA238	26			168	9			SPI010	10	GD237A	01	2	TQ2	B2		11A		
06427		XA238	26		XA238	25			168	9			SPI010	11		01	2	TQ2	B1		14A		
20976		XA238	25		XA237	26			168	9			SPI010	12	MMTSTO	01	2	TQ2	B4		12B		
19052		XA237	26		XA237	19			168	9			SPI010	13	MAYACA	01	2	TQ2	B1		14A		
06409		XA237	19		XA237	20			168	9			SPI010	15		01	2	TQ2	B3		09B		
19492		XA237	20		XA237	36			168	9			SPI010	16	MBYACA	01	2	TQ2	B2		11A		
23300		XA237	36		XA237	37			168	9			SPI010	17	MWRSTO	01	2	TQ2	C2		17A		
20925		XA237	37		XA237	43			168	9			SPI010	18	MFEXCO	01	2	TQ2	C4		18B		
06414		XA237	43		XA237	42			168	9			SPI010	19		01	2	TQ2	D3		23B		
20954		XA237	42		XA237	50			168	9			SPI010	20	MMMTRA	01	2	TQ2	C1		20A		
06419		XA237	50		XA235	61			168	9			SPI010	21		01	2	TQ2	D2		23A		
22254		XA235	61		XA234	64			168	9			SPI010	23	MTR010	01	2	TQ2	F4		32B		
18824		XA234	64		XA234	74			168	9			SPI010	24	MAENAA	01	2	TQ2	E2		30A		
21160		XA234	74		XA235	36			168	9			SPI010	25	MPMRCO	01	2	TQ2	F3		35B		
06387		XA235	36		XA235	40			168	9			SPI010	25C		01	2	TQ2	C2		17A		
06389		XA235	40		XA235	79			168	9			SPI010	26		01	1	TQ2	C1		19A		
22261		XA235	79		XA235	78			168	9			SPI010	27	MTR050	01	2	TQ2	F1		39B		
21370		XA235	78		XA237	73			168	9			SPI010	28	MPREDO	01	2	TQ2	F4		38A		
19102		XA237	73		XA237	74			168	9			SPI010	29	MAY01A	01	2	TQ2	F2		36B		
19539		XA237	74		XA237	70			168	9			SPI010	30	MBY01A	01	2	TQ2	F3		35B		
									****				SIGNAL	(SPI010)							IS ON THE		
																					NEXT PAGE		****

DRAWING NUMBER 149304-800 STRING UNIT ASSEMBLY NO. 149304 REV G INDEX SPI010  
 UNIT ASSEMBLY NAME CARD CAGE WIRED, MCU FILE IDENT T39AMCMU DATE 09-02-82 PAGE 219

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	PREFIX	CONNECTOR	PIN	MULTI GROUP	CODE	COLOR	IDENT											
21377		XA237	70		XA237	78						SPI010	31	MPRMWO	01	2	TQ2	E1			
20994		XA237	78		XA342	05						SPI010	32	MPACTO	01	2	TQ2	F6			33A
09116		XA342	05									SPI010	33			RR4	A3				
18849		XA233	42		XA233	23						SPI011	00C	MAENEO	01	2	TQ2	C1			20A
19287		XA233	23		XA233	05						SPI011	005	MBENEO	01	1	TQ2	B4			11B
18818		XA233	05		XA233	07						SPI011	01	MAACTO	01	2	TQ2	A2			03B
19257		XA233	07		XA233	20						SPI011	02	MBACTO	01	2	TQ2	A3			03A
21391		XA233	20		XA233	56						SPI011	03	MPSBGO	01	2	TQ2	B2			11A
19590		XA233	56		XA233	50						SPI011	04	MBY10A	01	2	TQ2	D1			26A
19597		XA233	50		XA233	43						SPI011	05	MBY11A	01	2	TQ2	D2			23A
19603		XA233	43		XA233	37						SPI011	06	MBY12A	01	2	TQ2	D3			23B
19356		XA233	37		XA233	31						SPI011	07	MBMCO	01	2	TQ2	C4			18B
18916		XA233	31		XA239	34						SPI011	08	MAMMCO	01	2	TQ2	C3			15B
06446		XA239	34		XA238	18						SPI011	16		01	3	TD4	C2			16A
18807		XA238	18		XA238	24						SPI011	161	GD237A	01	1	TQ2	B2			10A
06426		XA238	24		XA238	31						SPI011	162		01	1	TQ2	B1			13A
21132		XA238	31		XA238	37						SPI011	17	MPINRA	01	2	TQ2	C3			15B
21162		XA238	37		XA238	43						SPI011	18	MPMRDA	01	2	TQ2	C4			18B
19069		XA238	43		XA238	49						SPI011	20	MAYMTA	01	2	TQ2	D3			23B
19509		XA238	49		XA236	69						SPI011	21	MBYMA	01	2	TQ2	D4			26B
20986		XA236	69		XA238	56						SPI011	22	MMYPEA	01	1	IT3	E3			35A
21166		XA238	56		XA238	70						SPI011	23	MPMREA	01	2	TQ2	D1			26A
21149		XA238	70		XA238	73						SPI011	24	MPMRAO	01	2	TQ2	E1			33A
21030		XA238	73		XA241	13						SPI011	25	MPBACO	01	2	TQ2	F2			36B
21142		XA241	13		XA241	26						SPI011	26	MPINRO	01	8	TS8	A1			06B
06486		XA241	26		XA241	54						SPI011	27		01	8	TS8	B1			14A
06505		XA241	54		XA241	40						SPI011	28		01	7	TS8	D1			25A
21006		XA241	40		XA241	70						SPI011	29	MPACTS	01	7	TS8	C1			19A
21404		XA241	70		XA342	07						SPI011	31	MPSBRS	01	8	TS8	E1			33A
09118		XA342	07									SPI011	33			RR4	A4				
09001		XA337	74		XA342	09						SPI012	0L		01	4	TS8	F1			35B
09120		XA342	09		XA241	68						SPI012	00			RR4	A5				
21403		XA241	68		XA241	56						SPI012	001	MPSBRS	01	7	TS8	E1			32A
06506		XA241	56		XA241	08						SPI012	002		01	8	TS8	D1			26A
21139		XA241	08		XA241	42						SPI012	01	MPINRO	01	6	TS8	A1			06A
21007		XA241	42		XA241	25						SPI012	02	MPACTS	01	8	TS8	C1			20A
06485		XA241	25		XA239	30						SPI012	03		01	7	TS8	B1			12B
06442		XA239	30		XA238	76						SPI012	04		01	1	TD4	C2			15A
21124		XA238	76		XA233	78						SPI012	06	MPHLDA	01	1	TQ2	F4			37A
06369		XA233	78		XA233	77						SPI012	18		01	2	TQ2	E4			38A
06368		XA233	77		XA233	65						SPI012	19		01	1	TQ2	F1			38B
21177		XA233	65		XA319	55						SPI012	20	MPPARA	01	1	TQ2	E3			34B
08549		XA319	55		XA319	61						SPI012	24		01	2	TQ2	E3			29B
08554		XA319	61		XA319	64						SPI012	25		01	2	TQ2	E4			32B
08557		XA319	64		XA319	68						SPI012	26		01	2	TQ2	E2			30A
08561		XA319	68		XA319	73						SPI012	27		01	1	TQ2	E1			32A
08566		XA319	73		XA319	77						SPI012	28		01	2	TQ2	F2			36B
08570		XA319	77		XA316	78						SPI012	29		01	1	TQ2	F1			38B
**** SIGNAL (SPI012) IS ON THE NEXT PAGE ****																					

DRAWING NUMBER 149304-800 STRING UNIT ASSEMBLY NO. 149304 REV G INDEX SPI012  
 UNIT ASSEMBLY NAME CARD CAGE WIRED, MCU FILE IDENT T39AMCMU DATE 09-02-82 PAGE 220

RECORD NUMBER	FROM			TO			WIRE				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											
08523		XA316	78		XA316	74		168	9		SPI012	30		01	2	TQ2	F4		38A		
08519		XA316	74		XA315	76		168	9		SPI012	31		01	2	TQ2	F3		35B		
08501		XA315	76		XA315	65		168	9		SPI012	32		01	1	TQ2	F4		37A		
08496		XA315	65								SPI012	33		01	1	TQ2	F3		34B		
08513		XA316	65		XA315	74		168	9		SPI013	01		01	1	TQ2	F3		34B		
08499		XA315	74		XA315	78		168	9		SPI013	02		01	2	TQ2	F3		35B		
08503		XA315	78		XA316	76		168	9		SPI013	03		01	2	TQ2	F4		38A		
08521		XA316	76		XA319	79		168	9		SPI013	04		01	1	TQ2	F4		37A		
08572		XA319	79		XA319	71		168	9		SPI013	05		01	2	TQ2	F1		39B		
08564		XA319	71		XA319	76		168	9		SPI013	06		01	1	TQ2	F2		36A		
08569		XA319	76		XA319	74		168	9		SPI013	07		01	1	TQ2	F4		37A		
08567		XA319	74		XA319	70		168	9		SPI013	08		01	2	TQ2	F3		35B		
08563		XA319	70		XA319	62		168	9		SPI013	09		01	2	TQ2	E1		32A		
08555		XA319	62		XA319	59		168	9		SPI013	10		01	1	TQ2	E2		29A		
08552		XA319	59		XA319	53		168	9		SPI013	11		01	1	TQ2	E4		31B		
08548		XA319	53		XA320	25		168	9		SPI013	12		01	1	TQ2	E3		28B		
23037		XA320	25		XA320	26		168	9		SPI013	13	MUMHTO	01	2	TQ2	B4		12B		
23017		XA320	26		XA320	20		168	9		SPI013	14	MUWETO	01	2	TQ2	B1		14A		
23032		XA320	20		XA320	19		168	9		SPI013	15	MUWETO	01	2	TQ2	B2		11A		
23034		XA320	19		XA320	13		168	9		SPI013	16	MUMGTO	01	2	TQ2	B3		09B		
22831		XA320	13		XA315	77		168	9		SPI013	17	MURHTA	01	2	TQ2	A4		06B		
08502		XA315	77		XA316	77		168	9		SPI013	19		01	1	TQ2	F1		38B		
08522		XA316	77		XA316	71		168	9		SPI013	20		01	1	TQ2	F1		38B		
08516		XA316	71		XA320	05		168	9		SPI013	201		01	1	TQ2	F2		36A		
22826		XA320	05		XA320	07		168	9		SPI013	21	MURFTA	01	2	TQ2	A2		03B		
22828		XA320	07		XA320	10		168	9		SPI013	22	MURGTA	01	2	TQ2	A3		03A		
22811		XA320	10		XA342	20		168	9		SPI013	24	MURETA	01	2	TQ2	A1		07A		
09131		XA342	20		XA235	34		168	9		SPI013	25				RR4	B1				
06386		XA235	34		XA233	79		168	9		SPI013	26		01	1	TQ2	C2		16A		
06370		XA233	79		XA233	76		168	9		SPI013	28		01	2	TQ2	F1		39B		
06367		XA233	76		XA241	73		168	9		SPI013	29		01	1	TQ2	F4		37A		
21117		XA241	73		XA233	49		168	9		SPI013	30	MPENTS	01	3	TS8	F1		36B		
19610		XA233	49								SPI013	32	MBY13A	01	2	TQ2	D4		26B		
09137		XA342	26		XA334	52		168	9		SPI014	01				RR4	B2				
08934		XA334	52		XA331	29		168	9		SPI014	02		01	2	TQ4	D1		24A		
20269		XA331	29		XA331	36		168	9		SPI014	03	MDGNBD	01	1	TLD	C3		14B		
20268		XA331	36		XA331	35		168	9		SPI014	04	MDGNAD	01	2	TLD	C2		17A		
20280		XA331	35		XA331	40		168	9		SPI014	05	MDGNDD	01	1	TLD	C4		17B		
20273		XA331	40		XA331	50		168	9		SPI014	06	MDGNCD	01	1	TLD	C1		19A		
08890		XA331	50		XA331	56		168	9		SPI014	07		01	2	TLD	D2		23A		
08893		XA331	56		XA327	56		168	9		SPI014	08		01	2	TLD	D1		26A		
08779		XA327	56		XA327	50		168	9		SPI014	09		01	2	TLD	D1		26A		
08776		XA327	50		XA327	43		168	9		SPI014	10		01	2	TLD	D2		23A		
23523		XA327	43		XA327	36		168	9		SPI014	11	PWLMPD	01	2	TLD	D3		23B		
20285		XA327	36		XA327	35		168	9		SPI014	12	MDGRD04	01	2	TLD	C2		17A		
23528		XA327	35		XA327	31		168	9		SPI014	121	SPLD3D4	01	1	TLD	C4		17B		
23526		XA327	31		XA324	15		168	9		SPI014	13	SPLD2D4	01	2	TLD	C3		15B		
21774		XA324	15		XA323	74		168	9		SPI014	15	MRM00Q	01	1	TDD	A0		07B		
								****	SIGNAL		SPI014		IS ON THE						NEXT PAGE	****	



DRAWING NUMBER 149304-800 STRING UNIT ASSEMBLY NO. 149304 REV G INDEX SPI014  
 UNIT ASSEMBLY NAME CARD CAGE WIRED, MCU FILE IDENT T39AMCMU DATE 09-02-82 PAGE 221

RECORD NUMBER	FROM				TO				WIRE				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	IN	PREFIX	CONNECTOR	PIN	INFO	MULTI GROUP	CODE	COLOR	IDENT											
08739		XA323	74			XA323	78				168	9		SPI014	19								
08741		XA323	78			XA320	76				168	9		SPI014	20		01 2	TQ2 F3			35B		
08601		XA320	76			XA320	77				168	9		SPI014	21		01 1	TQ2 F4			37A		
08602		XA320	77			XA319	78				168	9		SPI014	22		01 1	TQ2 F1			38B		
08571		XA319	78			XA320	73				168	9		SPI014	23		01 2	TQ2 F4			38A		
08598		XA320	73			XA320	70				168	9		SPI014	24		01 2	TQ2 F2			36B		
08595		XA320	70			XA320	64				168	9		SPI014	25		01 2	TQ2 E1			33A		
08589		XA320	64			XA320	65				168	9		SPI014	26		01 2	TQ2 E2			30A		
08590		XA320	65			XA319	65				168	9		SPI014	27		01 1	TQ2 F3			34B		
08558		XA319	65			XA320	59				168	9		SPI014	28		01 1	TQ2 F3			34B		
08584		XA320	59			XA320	53				168	9		SPI014	29		01 1	TQ2 E4			31B		
08580		XA320	53											SPI014	30		01 1	TQ2 F3			28B		
09135		XA342	24			XA321	13				168	9		SPI015	01			RR4 R3					
19077		XA321	13			XA323	19				168	9		SPI015	02	MAYS1GX	01 1	ACF B1			06A		
23043		XA323	19			XA315	73				168	9		SPI015	09	MUDENA	01 2	TQ2 R3			09B		
23521		XA315	73			XA315	79				168	9		SPI015	14	PMLHPA	01 2	TQ2 F2			36B		
08504		XA315	79			XA316	79				168	9		SPI015	15		01 2	TQ2 F1			39B		
08524		XA316	79			XA316	73				168	9		SPI015	16		01 2	TQ2 F1			39B		
08518		XA316	73			XA320	49				168	9		SPI015	17		01 2	TQ2 F2			36B		
23218		XA320	49			XA320	55				168	9		SPI015	18	MWENTO	01 2	TQ2 D4			26B		
08581		XA320	55			XA320	61				168	9		SPI015	21		01 2	TQ2 E3			29B		
08586		XA320	61			XA320	62				168	9		SPI015	22		01 2	TQ2 E4			32B		
08587		XA320	62			XA320	68				168	9		SPI015	23		01 1	TQ2 E2			29A		
08593		XA320	68			XA320	71				168	9		SPI015	24		01 1	TQ2 E1			32A		
08596		XA320	71			XA320	74				168	9		SPI015	25		01 1	TQ2 E2			36A		
08599		XA320	74			XA320	78				168	9		SPI015	26		01 2	TQ2 F3			35B		
08603		XA320	78			XA320	79				168	9		SPI015	27		01 2	TQ2 E4			38A		
08604		XA320	79			XA323	71				168	9		SPI015	28		01 2	TQ2 F1			39B		
08736		XA323	71			XA323	70				168	9		SPI015	305		01 1	TQ2 F2			36A		
21545		XA323	70			XA323	64				168	9		SPI015	31	MRDCA0	01 2	TQ2 E1			33A		
21548		XA323	64			XA323	65				168	9		SPI015	32	MRDCB0	01 2	TQ2 E2			30A		
08733		XA323	65			XA323	56				168	9		SPI015	322		01 1	TQ2 F3			34B		
21560		XA323	56			XA323	55				168	9		SPI015	33	MRDRAA	01 2	TQ2 D1			26A		
21550		XA323	55			XA323	50				168	9		SPI015	34	MRDCC0	01 2	TQ2 E3			29B		
21563		XA323	50			XA323	36				168	9		SPI015	35	MRDRBA	01 2	TQ2 D2			23A		
22790		XA323	36			XA323	43				168	9		SPI015	39	MURD00	01 2	TQ2 C2			17A		
21565		XA323	43								168	9		SPI015	40	MRDRCA	01 2	TQ2 D3			23B		
09128		XA342	17			XA336	20				168	9		SPI016	01			RR4 B4					
19132		XA336	20			XA336	19				168	9		SPI016	02	MAY07A	01 2	TQ2 B2			11A		
19138		XA336	19			XA336	25				168	9		SPI016	03	MAY08A	01 2	TQ2 B3			09B		
19145		XA336	25			XA336	26				168	9		SPI016	04	MAY09A	01 2	TQ2 B4			12B		
19125		XA336	26			XA336	42				168	9		SPI016	05	MAY06A	01 2	TQ2 B1			14A		
19562		XA336	42			XA335	72				168	9		SPI016	06	MBY06A	01 2	TQ2 C1			20A		
08963		XA335	72			XA334	61				168	9		SPI016	07		01 3	TT3 E2			34A		
08943		XA334	61			XA334	60				168	9		SPI016	09		01 1	TD4 E1			32B		
08942		XA334	60			XA334	56				168	9		SPI016	10		01 2	TD4 E2			28A		
08938		XA334	56			XA334	50				168	9		SPI016	11		01 4	TD4 D1			26A		
08932		XA334	50			XA331	34				168	9		SPI016	12		01 4	TD4 D2			23A		
											****		SIGNAL	(SPI016)				IS ON THE NEXT PAGE	****				

DRAWING NUMBER 149304-800 STRING UNIT ASSEMBLY NO. 149304 REV G INDEX SPI016  
 UNIT ASSEMBLY NAME CARD CAGE WIRED, MCU FILE IDENT T39AMCMU DATE 09-02-82 PAGE 222

RECORD NUMBER	FROM				TO				WIRE				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 FT	PREFIX	CONNECTOR	PIN	SH FT	MULTI GROUP	CODE	COLOR	IDENT											
20267		XA331	34			XA331	31			16B	9		SPI016	13	MDGNAD	01	1	TLD	C2		16A		
20270		XA331	31			XA331	37			16B	9		SPI016	14	MDGNBD	01	2	TLD	C3		15B		
20281		XA331	37			XA331	42			16B	9		SPI016	15	MDGNDD	01	2	TLD	C4		18B		
20274		XA331	42			XA331	48			16B	9		SPI016	16	MDGNCD	01	2	TLD	C1		20A		
08889		XA331	48			XA331	54			16B	9		SPI016	17		01	1	TLD	D2		22A		
08892		XA331	54			XA327	54			16B	9		SPI016	18		01	1	TLD	D1		25A		
08778		XA327	54			XA327	48			16B	9		SPI016	19		01	1	TLD	D1		25A		
08775		XA327	48			XA327	37			16B	9		SPI016	20		01	1	TLD	D2		22A		
23529		XA327	37			XA327	34			16B	9		SPI016	22	SPLD3D4	01	2	TLD	C4		18B		
20284		XA327	34			XA327	29			16B	9		SPI016	23	MDGRDD4	01	1	TLD	C2		16A		
23525		XA327	29			XA326	08			16B	9		SPI016	24	SPLD2D4	01	1	TLD	C3		14B		
19705		XA326	08			XA324	06			16B	9		SPI016	25	MCENAI	01	1	TDD	AT		06A		
21771		XA324	06			XA323	61			16B	9		SPI016	26	MRMOOP	01	1	TDD	AP		05A		
21553		XA323	61			XA323	76			16B	9		SPI016	27	MROCD0	01	2	TQ2	E4		32B		
08740		XA323	76			XA323	79			16B	9		SPI016	29		01	1	TQ2	F4		37A		
21557		XA323	79										SPI016	30	MROCF0	01	2	TQ2	F1		39B		
11990		XA433	37			XA431	57			16B	9		SPI017	00		01	2	TQ2	C4		18B		
11945		XA431	57			XA431	65			16B	9		SPI017	01		01	1	TT3	E3		30B		
11950		XA431	65			XA430	78			16B	9		SPI017	02		01	1	TT3	F2		34B		
11936		XA430	78			XA428	77			16B	9		SPI017	04		01	7	TS8	F1		38A		
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		
11864		XA428	70			XA428	65			16B	9		SPI017	08		01	3	TT3	E1		33A		
11859		XA428	65			XA428	57			16B	9		SPI017	10		01	1	TT3	F2		34B		
11851		XA428	57			XA428	53			16B	9		SPI017	11		01	1	TT3	E3		30B		
11847		XA428	53			XA428	52			16B	9		SPI017	12		01	1	TT3	E2		28B		
11846		XA428	52			XA428	41			16B	9		SPI017	15		01	1	TT3	D1		24A		
11840		XA428	41			XA430	34			16B	9		SPI017	16		01	1	TT3	D2		22B		
11910		XA430	34			XA430	08			16B	9		SPI017	19		01	3	TS8	C1		16A		
21221		XA430	08			XA335	71			16B	9		SPI017	21	MPPCSA1	01	6	TS8	A1		06A		
08962		XA335	71			XA334	68			16B	9		SPI017	22		01	2	TT3	F2		36A		
08950		XA334	68			XA334	62			16B	9		SPI017	23		01	3	TD4	E1		32A		
08944		XA334	62			XA334	49			16B	9		SPI017	24		01	3	TD4	E2		29A		
08931		XA334	49			XA334	43			16B	9		SPI017	25		01	1	TD4	D1		26B		
08925		XA334	43			XA337	68			16B	9		SPI017	26		01	1	TD4	D2		23B		
22282		XA337	68			XA337	48			16B	9		SPI017	29	MTSRTA	01	7	TS8	E1		32A		
21203		XA337	48			XA342	19			16B	9		SPI017	291	MPPBSA	01	3	TS8	D1		22A		
09130		XA342	19			XA337	71			16B	9		SPI017	30				RR4	B5				
08998		XA337	71			XA324	04			16B	9		SPI017	31		01	1	TS8	F1		36A		
21777		XA324	04			XA323	73			16B	9		SPI017	32	MRM01P	01	1	TDD	BP		04A		
08738		XA323	73										SPI017	33		01	2	TQ2	F2		36B		
09147		XA342	36			XA340	78			16B	9		SPI018	01				RR4	C1				
09101		XA340	78			XA340	74			16B	9		SPI018	02		01	2	TQ2	F4		38A		
09099		XA340	74			XA339	71			16B	9		SPI018	03		01	2	TQ2	F3		35B		
09076		XA339	71			XA339	59			16B	9		SPI018	04		01	1	TQ2	F2		36A		
09064		XA339	59			XA339	55			16B	9		SPI018	06		01	1	TQ2	F4		31B		
09060		XA339	55			XA338	35			16B	9		SPI018	07		01	2	TQ2	E3		29B		
09017		XA338	35			XA338	59			16B	9		SPI018	08		01	1	TQ2	C4		17B		
**** SIGNAL (SPI018) IS ON THE NEXT PAGE ****																							

DRAWING NUMBER 149304-800 STRING UNIT ASSEMBLY NO. 149304 REV G INDEX SPI018  
 UNIT ASSEMBLY NAME CARD CAGE WIRED, MCU FILE IDENT T39AMCMU DATE 09-02-82 PAGE 223

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	SH FTG	PREFIX	CONNECTOR	PIN	SH FTG	MULTI GROUP	CODE	COLOR	IDENT											
09026		XA338	59		XA338	65				168	9		SPI018	09		01	1	TQ2	E4		31B		
09029		XA338	65		XA337	70				168	9		SPI018	10		01	1	TQ2	E3		34B		
22283		XA337	70		XA338	71				168	9		SPI018	11	MTSRTA	01	8	TS8	E1		33A		
09032		XA338	71		XA338	77				168	9		SPI018	12		01	1	TQ2	E2		34A		
09038		XA338	77		XA337	78				168	9		SPI018	13		01	1	TQ2	F1		38B		
09005		XA337	78		XA338	78				168	9		SPI018	14		01	7	TS8	E1		38A		
09039		XA338	78		XA339	77				168	9		SPI018	15		01	2	TQ2	F4		38A		
09082		XA339	77		XA339	78				168	9		SPI018	16		01	1	TQ2	F1		38B		
09083		XA339	78		XA339	74				168	9		SPI018	17		01	2	TQ2	F4		38A		
09079		XA339	74		XA340	71				168	9		SPI018	18		01	2	TQ2	F3		34B		
09096		XA340	71		XA339	68				168	9		SPI018	19		01	1	TQ2	F2		36A		
09073		XA339	68		XA339	64				168	9		SPI018	20		01	1	TQ2	E1		32A		
09069		XA339	64		XA339	56				168	9		SPI018	21		01	2	TQ2	E2		30A		
09061		XA339	56		XA339	48				168	9		SPI018	22		01	2	TQ2	D1		26A		
09053		XA339	48		XA339	49				168	9		SPI018	23		01	1	TQ2	D2		22A		
09054		XA339	49		XA339	43				168	9		SPI018	24		01	2	TQ2	D4		26B		
09048		XA339	43		XA334	46				168	9		SPI018	25		01	2	TQ2	D3		23B		
08928		XA334	46		XA334	55				168	9		SPI018	26		01	2	TD4	D2		21A		
08937		XA334	55		XA335	65				168	9		SPI018	27		01	1	TD4	E2		29B		
08960		XA335	65		XA334	70				168	9		SPI018	28		01	1	TT3	F2		34B		
08951		XA334	70		XA424	04				168	9		SPI018	29		01	4	TD4	E1		33A		
11651		XA424	04		XA422	50				168	9		SPI018	31		01	1	DCE	AB		04A		
11595		XA422	50										SPI018	32		01	1	DCF	CB		28A		
21188		XA337	08		XA338	13				168	9		SPI019	01	MPPASA	01	6	TS8	A1		06A		
19062		XA338	13		XA338	20				168	9		SPI019	02	MAYHCA	01	2	TQ2	A4		06B		
19503		XA338	20		XA338	36				168	9		SPI019	03	MBYHCA	01	2	TQ2	B2		11A		
18835		XA338	36		XA338	37				168	9		SPI019	04	MAENAO	01	2	TQ2	C2		17A		
09018		XA338	37		XA338	43				168	9		SPI019	05		01	2	TQ2	C4		18B		
19279		XA338	43		XA338	49				168	9		SPI019	06	MBENBO	01	2	TQ2	D3		23B		
18842		XA338	49		XA338	50				168	9		SPI019	07	MAENCO	01	2	TQ2	D4		26B		
19275		XA338	50		XA339	47				168	9		SPI019	08	MBENAO	01	2	TQ2	D2		23A		
09052		XA339	47		XA339	50				168	9		SPI019	09		01	1	TQ2	D4		25B		
09055		XA339	50		XA339	54				168	9		SPI019	10		01	2	TQ2	D2		23A		
09059		XA339	54		XA338	56				168	9		SPI019	11		01	1	TQ2	D1		25A		
18846		XA338	56		XA338	53				168	9		SPI019	12	MAENDO	01	2	TQ2	D1		26A		
19281		XA338	53		XA338	61				168	9		SPI019	13	MBENCO	01	1	TQ2	E3		28B		
09027		XA338	61		XA338	64				168	9		SPI019	16		01	2	TQ2	F4		32B		
23330		XA338	64		XA338	70				168	9		SPI019	17	MWSEYO	01	2	TQ2	E2		30A		
19286		XA338	70		XA338	74				168	9		SPI019	18	MBENDO	01	2	TQ2	E1		33A		
09035		XA338	74		XA338	76				168	9		SPI019	19		01	2	TQ2	F3		35B		
09037		XA338	76		XA338	73				168	9		SPI019	20		01	1	TQ2	F4		37A		
09034		XA338	73		XA338	79				168	9		SPI019	21		01	2	TQ2	F2		36B		
09040		XA338	79		XA337	79				168	9		SPI019	22		01	2	TQ2	F1		39B		
09006		XA337	79		XA336	70				168	9		SPI019	23		01	8	TS8	F1		39B		
19153		XA336	70		XA336	64				168	9		SPI019	24	MAY10A	01	2	TQ2	E1		33A		
19160		XA336	64		XA336	61				168	9		SPI019	25	MAY11A	01	2	TQ2	E2		30A		
19173		XA336	61		XA336	55				168	9		SPI019	26	MAY13A	01	2	TQ2	F4		32B		
19166		XA336	55		XA336	37				168	9		SPI019	27	MAY12A	01	2	TQ2	E3		29B		
19582		XA336	37		XA336	31				168	9		SPI019	28	MBY09A	01	2	TQ2	C4		18B		
										****		SIGNAL	(SPI019)		IS ON THE			NEXT PAGE		****			

DRAWING NUMBER 149304-800 STRING UNIT ASSEMBLY NO. 149304 REV G INDEX SPI019  
 UNIT ASSEMBLY NAME CARD CAGE WIRED, MCU FILE IDENT T39AMCMU DATE 09-02-82 PAGE 224

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	U/E	PREFIX	CONNECTOR	PIN	U/E	MULTI GROUP	CODE	COLOR	IDENT											
19575		XA336	31		XA336	36				168	9		SPI019	29	MBY08A	01	2	TQ2	C3		15B		
19569		XA336	36		XA338	31				168	9		SPI019	30	MBY07A	01	2	TQ2	C2		17A		
18839		XA338	31		XA339	41				168	9		SPI019	31	MAEN80	01	2	TQ2	C3		15B		
09047		XA339	41		XA342	38				168	9		SPI019	32		01	1	TQ2	D3		22B		
09149		XA342	38										SPI019	33				RR4	C2				
11989		XA433	35		XA430	73				168	9		SPI020	00		01	1	TQ2	C4		17B		
11931		XA430	73		XA430	40				168	9		SPI020	001		01	3	TS8	F1		36B		
11916		XA430	40		XA432	42				168	9		SPI020	05		01	7	TS8	C1		19A		
11969		XA432	42		XA432	36				168	9		SPI020	06		01	2	TQ2	C1		20A		
11966		XA432	36		XA338	42				168	9		SPI020	061		01	2	TQ2	C2		17A		
09022		XA338	42		XA338	25				168	9		SPI020	081		01	2	TQ2	C1		20A		
09012		XA338	25		XA342	23				168	9		SPI020	083		01	2	TQ2	B4		12B		
09134		XA342	23										SPI020	09				RR4	C3				
09000		XA337	73		XA339	53				168	9		SPI021	005		01	3	TS8	F1		36B		
09058		XA339	53		XA339	62				168	9		SPI021	01		01	1	TQ2	E3		28B		
09067		XA339	62		XA339	61				168	9		SPI021	02		01	1	TQ2	E2		29A		
09066		XA339	61		XA339	65				168	9		SPI021	03		01	2	TQ2	E4		32B		
09070		XA339	65		XA340	65				168	9		SPI021	04		01	1	TQ2	F3		34B		
09093		XA340	65		XA340	76				168	9		SPI021	05		01	1	TQ2	F4		37A		
09100		XA340	76		XA340	79				168	9		SPI021	06		01	1	TQ2	F4		37A		
21930		XA340	79		XA339	79				168	9		SPI021	07	MSENTO	01	2	TQ2	F1		39B		
09084		XA339	79		XA339	73				168	9		SPI021	08		01	2	TQ2	F1		39B		
09078		XA339	73		XA340	73				168	9		SPI021	09		01	2	TQ2	F2		36B		
09098		XA340	73		XA339	76				168	9		SPI021	10		01	2	TQ2	F2		36B		
09081		XA339	76		XA339	70				168	9		SPI021	11		01	1	TQ2	F4		37A		
09075		XA339	70		XA341	70				168	9		SPI021	12		01	2	TQ2	E1		33A		
21851		XA341	70		XA341	64				168	9		SPI021	13	MSEA40	01	2	TQ2	E1		33A		
21880		XA341	64		XA341	56				168	9		SPI021	14	MSEB40	01	2	TQ2	E2		30A		
21848		XA341	56		XA341	55				168	9		SPI021	15	MSEA30	01	2	TQ2	O1		26A		
21909		XA341	55		XA341	50				168	9		SPI021	155	MSEC40	01	2	TQ2	E3		29B		
21876		XA341	50		XA341	43				168	9		SPI021	16	MSEB30	01	2	TQ2	D2		23A		
21905		XA341	43		XA341	42				168	9		SPI021	17	MSEC30	01	2	TQ2	D3		23B		
21845		XA341	42		XA341	36				168	9		SPI021	18	MSEA20	01	2	TQ2	C1		20A		
21872		XA341	36		XA341	31				168	9		SPI021	19	MSEB20	01	2	TQ2	C2		17A		
21901		XA341	31		XA340	26				168	9		SPI021	20	MSEC20	01	2	TQ2	C3		15B		
21860		XA340	26		XA342	25				168	9		SPI021	21	MSEA70	01	2	TQ2	B1		14A		
09136		XA342	25		XA341	26				168	9		SPI021	22				RR4	C4				
21842		XA341	26		XA341	20				168	9		SPI021	23	MSEA10	01	2	TQ2	B1		14A		
21868		XA341	20		XA341	19				168	9		SPI021	24	MSEB10	01	2	TQ2	B2		11A		
21898		XA341	19		XA340	20				168	9		SPI021	25	MSEC10	01	2	TQ2	B3		09B		
21892		XA340	20		XA340	19				168	9		SPI021	26	MSEB70	01	2	TQ2	B2		11A		
21921		XA340	19		XA340	07				168	9		SPI021	27	MSEC70	01	2	TQ2	B3		09B		
21917		XA340	07		XA340	05				168	9		SPI021	28	MSEC60	01	2	TQ2	A3		03A		
21888		XA340	05		XA341	05				168	9		SPI021	29	MSEB60	01	2	TQ2	A2		03B		
21864		XA341	05		XA341	07				168	9		SPI021	30	MSEB00	01	2	TQ2	A2		03B		
21894		XA341	07		XA340	10				168	9		SPI021	31	MSEC00	01	2	TQ2	A3		03A		
21857		XA340	10		XA341	10				168	9		SPI021	32	MSEA60	01	2	TQ2	A1		07A		
21838		XA341	10										SPI021	33	MSEA00	01	2	TQ2	A1		07A		

DRAWING NUMBER 149304-800 STRING UNIT ASSEMBLY NO. 149304 REV G INDEX SPI021  
 UNIT ASSEMBLY NAME CARD CAGE WIRED, MCU FILE IDENT T39AMCMU DATE 09-02-82 PAGE 225

RECORD NUMBER	FROM			TO			WIRE					SIGNAL	SEG 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	BR PG	MULTI GROUP	CODE	COLOR	IDENT											
11597		XA422	54		XA420	73			16B	9		SPI022	02									
22613		XA420	73		XA420	79			16B	9		SPI022	04	MUB2DA	01	1	DCF	C6			30A	
22610		XA420	79		XA420	78			16B	9		SPI022	05	MUB2CA	01	2	TQ2	F1			39B	
22630		XA420	78		XA420	74			16B	9		SPI022	06	MUB3DA	01	2	TQ2	F4			38A	
22628		XA420	74		XA420	70			16B	9		SPI022	07	MUB3CA	01	2	TQ2	F3			35B	
22518		XA420	70		XA420	64			16B	9		SPI022	08	MUB0CA	01	2	TQ2	E1			33A	
22521		XA420	64		XA420	61			16B	9		SPI022	09	MUB0DA	01	2	TQ2	E2			30A	
22594		XA420	61		XA420	55			16B	9		SPI022	10	MUR1DA	01	2	TQ2	F4			32B	
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	
22477		XA420	50		XA420	49			16B	9		SPI022	13	MUA6DA	01	2	TQ2	D2			23A	
22494		XA420	49		XA420	43			16B	9		SPI022	14	MUA7DA	01	2	TQ2	D4			26B	
22491		XA420	43		XA420	42			16B	9		SPI022	15	MUA7CA	01	2	TQ2	D3			23B	
22438		XA420	42		XA420	36			16B	9		SPI022	16	MUA4CA	01	2	TQ2	C1			20A	
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	
22455		XA420	31		XA420	25			16B	9		SPI022	19	MUA5CA	01	2	TQ2	C3			15B	
22422		XA420	25		XA420	26			16B	9		SPI022	20	MUA3DA	01	2	TQ2	R4			12B	
22402		XA420	26		XA420	20			16B	9		SPI022	21	MUA2CA	01	2	TQ2	B1			14A	
22405		XA420	20		XA420	19			16B	9		SPI022	22	MUA2DA	01	2	TQ2	B2			11A	
22419		XA420	19		XA420	13			16B	9		SPI022	23	MUA3CA	01	2	TQ2	B3			09B	
22386		XA420	13		XA420	07			16B	9		SPI022	24	MUA1DA	01	2	TQ2	A4			06B	
22383		XA420	07		XA420	05			16B	9		SPI022	25	MUA1CA	01	2	TQ2	A3			03A	
22313		XA420	05		XA420	10			16B	9		SPI022	26	MUA0DA	01	2	TQ2	A2			03B	
22310		XA420	10		XA424	08			16B	9		SPI022	27	MUA0CA	01	2	TQ2	A1			07A	
11653		XA424	08		XA341	79			16B	9		SPI022	28		01	1	DCF	A6			06A	
21854		XA341	79		XA341	73			16B	9		SPI022	30	MSEA50	01	2	TQ2	F1			39B	
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	
09140		XA342	29									SPI022	34				RR4	C5				
09153		XA342	42		XA428	46			16B	9		SPI023	01				RR4	D1				
11843		XA428	46		XA430	42			16B	9		SPI023	04			01	2	TT3	D2		21A	
11918		XA430	42		XA433	56			16B	9		SPI023	05			01	8	TS8	C1		20A	
11995		XA433	56		XA432	77			16B	9		SPI023	06			01	2	TQ2	D1		26A	
11976		XA432	77		XA431	59			16B	9		SPI023	07			01	1	TQ2	F1		38B	
11947		XA431	59		XA431	71			16B	9		SPI023	08			01	2	TT3	E3		31B	
11953		XA431	71		XA431	78			16B	9		SPI023	09			01	2	TT3	F2		36A	
11957		XA431	78		XA430	77			16B	9		SPI023	10			01	3	TT3	F3		38A	
11935		XA430	77		XA429	78			16B	9		SPI023	12			01	6	TS8	E1		38B	
11892		XA429	78		XA429	77			16B	9		SPI023	13			01	2	TQ2	F4		38A	
11891		XA429	77		XA429	73			16B	9		SPI023	14			01	1	TQ2	F1		38B	
11887		XA429	73		XA428	75			16B	9		SPI023	15			01	2	TQ2	F2		36B	
11869		XA428	75		XA428	76			16B	9		SPI023	18			01	1	TT3	E1		37B	
11870		XA428	76		XA428	72			16B	9		SPI023	19			01	2	TT3	F3		37A	
11866		XA428	72		XA429	65			16B	9		SPI023	20			01	3	TT3	E2		34A	
11882		XA429	65		XA428	66			16B	9		SPI023	21			01	1	TQ2	F3		34B	
11860		XA428	66		XA428	61			16B	9		SPI023	22			01	1	TT3	E1		31A	
									****		SIGNAL	(SPI023)									IS ON THE NEXT PAGE	****

DRAWING NUMBER 149304-800 STRING UNIT ASSEMBLY NO. 149304 REV G INDEX SPI023  
 UNIT ASSEMBLY NAME CARD CAGE WIRED, MCU FILE IDENT T39AMCMU DATE 09-02-82 PAGE 226

RECORD NUMBER	FROM				TO				WIRE				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	SM FC	PREFIX	CONNECTOR	PIN	SM FC	MULTI GROUP	CODE	COLOR	IDENT												
11855		XA428	61		XA428	60				16B	9		SPI023	23		01	3	TT3	E3			32B		
11854		XA428	60		XA428	54				16B	9		SPI023	24		01	2	TT3	E2			28A		
11848		XA428	54										SPI023	27		01	2	TT3	D1			25A		
11873		XA428	79		XA429	79				16B	9		SPI024	02		01	3	TT3	F1			39B		
11893		XA429	79		XA429	74				16B	9		SPI024	03		01	2	TQ2	F1			39B		
11888		XA429	74		XA429	71				16B	9		SPI024	04		01	2	TQ2	F3			35B		
11885		XA429	71		XA428	71				16B	9		SPI024	05		01	1	TQ2	F2			36A		
11865		XA428	71		XA428	69				16B	9		SPI024	06		01	2	TT3	F2			36A		
11863		XA428	69		XA428	68				16B	9		SPI024	07		01	1	TT3	F3			35A		
11862		XA428	68		XA428	62				16B	9		SPI024	08		01	2	TT3	E1			32A		
11856		XA428	62		XA429	61				16B	9		SPI024	09		01	3	TT3	E2			29A		
20725		XA429	61		XA429	53				16B	9		SPI024	10	MDYACA	01	2	TQ2	E4			32B		
19928		XA429	53		XA429	49				16B	9		SPI024	11	MCYACA	01	1	TQ2	E3			28B		
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		
20826		XA429	56		XA428	56				16B	9		SPI024	14	MDY10A	01	2	TQ2	D1			26A		
11850		XA428	56		XA428	59				16B	9		SPI024	15		01	3	TT3	D1			26A		
11853		XA428	59		XA428	48				16B	9		SPI024	16		01	2	TT3	E3			31B		
11844		XA428	48		XA429	43				16B	9		SPI024	20		01	3	TT3	D2			22A		
20839		XA429	43		XA429	25				16B	9		SPI024	21	MDY12A	01	2	TQ2	D3			23B		
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		
20804		XA429	20		XA429	19				16B	9		SPI024	27	MDY07A1	01	2	TQ2	B2			11A		
20810		XA429	19		XA429	13				16B	9		SPI024	28	MDY08A1	01	2	TQ2	B3			09B		
20020		XA429	13		XA429	07				16B	9		SPI024	29	MCY09A1	01	2	TQ2	A4			06B		
20013		XA429	07		XA429	05				16B	9		SPI024	30	MCY08A1	01	2	TQ2	A3			03A		
20007		XA429	05		XA429	10				16B	9		SPI024	31	MCY07A1	01	2	TQ2	A2			03B		
20000		XA429	10		XA342	46				16B	9		SPI024	32	MCY06A1	01	2	TQ2	A1			07A		
09157		XA342	46										SPI024	33				RR4	D2					
09146		XA342	35		XA430	38				16B	9		SPI025	01				RR4	D3					
11914		XA430	38		XA430	79				16B	9		SPI025	03		01	6	TS8	C1			18A		
11937		XA430	79		XA431	23				16B	9		SPI025	05		01	8	TS8	F1			39B		
21098		XA431	23										SPI025	07	MPCMRA	01	2	TT3	B3			11B		
09148		XA342	37		XA433	10				16B	9		SPI026	01				RR4	D4					
19948		XA433	10		XA432	05				16B	9		SPI026	02	MCYMIA1	01	2	TQ2	A1			07A		
20774		XA432	05		XA433	05				16B	9		SPI026	03	MDY01A	01	2	TQ2	A2			03B		
20744		XA433	05		XA433	07				16B	9		SPI026	04	MDYMIA1	01	2	TQ2	A2			03B		
11980		XA433	07		XA432	10				16B	9		SPI026	05		01	2	TQ2	A3			03A		
19977		XA432	10		XA433	13				16B	9		SPI026	06	MCY01A	01	2	TQ2	A1			07A		
11984		XA433	13		XA433	25				16B	9		SPI026	07		01	2	TQ2	A4			06B		
20736		XA433	25		XA433	26				16B	9		SPI026	08	MDYHCA	01	2	TQ2	B4			12B		
19695		XA433	26		XA433	20				16B	9		SPI026	09	MCACTO	01	2	TQ2	B1			14A		
20133		XA433	20		XA432	19				16B	9		SPI026	10	MCACTO	01	2	TQ2	B2			11A		
19940		XA432	19		XA430	36				16B	9		SPI026	11	MCYHCA	01	2	TQ2	B3			09B		
11912		XA430	36		XA432	43				16B	9		SPI026	14		01	4	TS8	C1			17A		
19717		XA432	43		XA432	50				16B	9		SPI026	15	MCENB0	01	2	TQ2	D3			23B		
19713		XA432	50		XA432	49				16B	9		SPI026	16	MCENA0	01	2	TQ2	D2			23A		
										****		SIGNAL	(SPI026)		IS ON THE							NEXT PAGE	****	

DRAWING NUMBER 149304-800 STRING UNIT ASSEMBLY NO. 149304 REV G INDEX SPI026  
 UNIT ASSEMBLY NAME CARD CAGE WIRED, MCU FILE IDENT T39AMCMU DATE 09-02-82 PAGE 227

RECORD NUMBER	FROM			TO			WIRE			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	
	PREFIX	CONNECTOR	PIN	PREFIX	CONNECTOR	PIN	MULTI GROUP	CODE	COLOR													IDENT
19720		XA432	49		XA432	55			168	9		SPI026	17	MCENCO	01	2	TQ2	D4	26B			
20255		XA432	55		XA432	56			168	9		SPI026	18	MDENRO	01	2	TQ2	E3	29B			
19724		XA432	56		XA433	54			168	9		SPI026	19	MCENCO	01	2	TQ2	D1	26A			
11994		XA433	54		XA432	64			168	9		SPI026	20		01	1	TQ2	D1	25A			
20251		XA432	64		XA432	70			168	9		SPI026	21	MDENAO	01	2	TQ2	E2	30A			
20262		XA432	70		XA432	74			168	9		SPI026	22	MDENRO	01	2	TQ2	E1	33A			
20035		XA432	74		XA432	73			168	9		SPI026	23	MCY11A	01	2	TQ2	F3	35B			
20028		XA432	73		XA431	72			168	9		SPI026	24	MCY10A	01	2	TQ2	E2	36B			
11954		XA431	72		XA431	69			168	9		SPI026	25		01	3	TT3	F2	34A			
11952		XA431	69		XA431	61			168	9		SPI026	26		01	1	TT3	E3	35A			
11948		XA431	61		XA432	61			168	9		SPI026	27		01	3	TT3	E3	32B			
20258		XA432	61		XA432	79			168	9		SPI026	28	MDENCO	01	2	TQ2	F4	32B			
11977		XA432	79		XA430	75			168	9		SPI026	29		01	2	TQ2	F1	39B			
11933		XA430	75		XA429	76			168	9		SPI026	31		01	5	TS8	E1	37B			
11890		XA429	76		XA432	78			168	9		SPI026	32		01	1	TQ2	F4	37A			
20041		XA432	78									SPI026	33	MCY12A	01	2	TQ2	F4	38A			
09150		XA342	39		XA431	76			168	9		SPI027	01				RR4	D5				
11956		XA431	76									SPI027	03		01	2	TT3	F3	37A			
09163		XA342	52		XA433	78			168	9		SPI028	01				RR4	E1				
20352		XA433	78		XA433	74			168	9		SPI028	03	MDMMCO	01	2	TQ2	F4	38A			
19795		XA433	74		XA433	73			168	9		SPI028	04	MCMCO	01	2	TQ2	F3	35B			
20049		XA433	73		XA516	10			168	9		SPI028	05	MCY13A	01	2	TQ2	E2	36B			
22524		XA516	10		XA515	10			168	9		SPI028	06	MUB0EA	01	2	TQ2	A1	07A			
22646		XA515	10		XA515	07			168	9		SPI028	07	MUB4CA	01	2	TQ2	A1	07A			
22663		XA515	07		XA515	05			168	9		SPI028	08	MUB5CA	01	2	TQ2	A3	03A			
22649		XA515	05		XA516	05			168	9		SPI028	09	MUB4DA	01	2	TQ2	A2	03B			
22527		XA516	05		XA516	07			168	9		SPI028	10	MUB0FA	01	2	TQ2	A2	03B			
22597		XA516	07		XA516	13			168	9		SPI028	11	MUB1EA	01	2	TQ2	A3	03A			
22600		XA516	13		XA515	13			168	9		SPI028	12	MUB1FA	01	2	TQ2	A4	06B			
22666		XA515	13		XA515	19			168	9		SPI028	13	MUB5DA	01	2	TQ2	A4	06B			
22699		XA515	19		XA515	20			168	9		SPI028	14	MUB7CA	01	2	TQ2	B3	09B			
22685		XA515	20		XA515	26			168	9		SPI028	15	MUB6DA	01	2	TQ2	B2	11A			
22682		XA515	26		XA515	25			168	9		SPI028	16	MUB6CA	01	2	TQ2	B1	14A			
22702		XA515	25		XA515	31			168	9		SPI028	17	MUB7DA	01	2	TQ2	B4	12B			
22389		XA515	31		XA515	42			168	9		SPI028	18	MUA1EA	01	2	TQ2	C3	15B			
22316		XA515	42		XA515	36			168	9		SPI028	19	MUA0EA	01	2	TQ2	C1	20A			
22319		XA515	36		XA515	37			168	9		SPI028	20	MUA0FA	01	2	TQ2	C2	17A			
22392		XA515	37		XA515	43			168	9		SPI028	21	MUA1EA	01	2	TQ2	C4	18B			
22425		XA515	43		XA515	49			168	9		SPI028	22	MUA3EA	01	2	TQ2	D3	23B			
22428		XA515	49		XA515	50			168	9		SPI028	23	MUA3FA	01	2	TQ2	D4	26B			
22411		XA515	50		XA515	56			168	9		SPI028	24	MUA2FA	01	2	TQ2	D2	23A			
22408		XA515	56		XA515	55			168	9		SPI028	25	MUA2EA	01	2	TQ2	D1	26A			
22461		XA515	55		XA515	61			168	9		SPI028	26	MUA5EA	01	2	TQ2	E3	29B			
22464		XA515	61		XA515	64			168	9		SPI028	27	MUA5FA	01	2	TQ2	E4	32B			
22447		XA515	64		XA515	70			168	9		SPI028	28	MUA4FA	01	2	TQ2	E2	30A			
22444		XA515	70		XA515	74			168	9		SPI028	29	MUA4EA	01	2	TQ2	E1	33A			
22498		XA515	74		XA515	78			168	9		SPI028	30	MUA7EA	01	2	TQ2	F3	35B			
22500		XA515	78		XA515	79			168	9		SPI028	31	MUA7FA	01	2	TQ2	F4	38A			
									***		SIGNAL	(SPI028)							IS ON THE			***

DRAWING NUMBER 149304-800 STRING UNIT ASSEMBLY NO. 149304 REV G INDEX SPI028  
 UNIT ASSEMBLY NAME CARD CAGE WIRED, MCU FILE IDENT T39AMCMU DATE 09-02-82 PAGE 228

RECORD NUMBER	FROM			TO			WIRE					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	WIRE NO	MULTI GROUP	CODE	COLOR	IDENT											
22480		XA515	79									SPI028	32	MUA6EA	01	2	TQ2	F1		39B		
22483		XA515	73		XA515	73			168	9		SPI028	33	MUA6FA	01	2	TQ2	F2		36B		
08999		XA337	72		XA342	48			168	9		SPI029	05		01	2	TS8	F1		34A		
09159		XA342	48									SPI029	06				RR4	E2				
09158		XA342	47		XA516	19			168	9		SPI030	01				RR4	E3				
22633		XA516	19		XA516	20			168	9		SPI030	03	MUB3EA	01	2	TQ2	B3		09B		
22619		XA516	20		XA516	26			168	9		SPI030	04	MUB2FA	01	2	TQ2	B2		11A		
22616		XA516	26		XA516	25			168	9		SPI030	06	MUB2EA	01	2	TQ2	B1		14A		
22636		XA516	25		XA516	31			168	9		SPI030	07	MUB3FA	01	2	TQ2	B4		12B		
22669		XA516	31		XA516	37			168	9		SPI030	08	MUB5EA	01	2	TQ2	C3		15B		
22672		XA516	37		XA516	36			168	9		SPI030	09	MUB5FA	01	2	TQ2	C4		18B		
22655		XA516	36		XA516	42			168	9		SPI030	10	MUB4FA	01	2	TQ2	C2		17A		
22652		XA516	42		XA516	43			168	9		SPI030	12	MUB4EA	01	2	TQ2	C1		20A		
22705		XA516	43		XA516	49			168	9		SPI030	13	MUB7EA	01	2	TQ2	D3		23B		
22708		XA516	49		XA516	50			168	9		SPI030	14	MUB7FA	01	2	TQ2	D4		26B		
22691		XA516	50		XA516	56			168	9		SPI030	15	MUB6FA	01	2	TQ2	D2		23A		
22688		XA516	56									SPI030	17	MUB6EA	01	2	TQ2	D1		26A		
09156		XA342	45		XA132	24			168	9		SPI031	01				RR4	E4				
03345		XA132	24		XA132	23			168	9		SPI031	02		01	1	TQ2	B1		13A		
03344		XA132	23		XA132	18			168	9		SPI031	03		01	1	TQ2	B4		11B		
03339		XA132	18		XA132	17			168	9		SPI031	04		01	1	TQ2	B2		10A		
03338		XA132	17		XA132	11			168	9		SPI031	05		01	1	TQ2	B3		08B		
03332		XA132	11		XA132	08			168	9		SPI031	06		01	1	TQ2	A4		05B		
03329		XA132	08		XA132	04			168	9		SPI031	07		01	1	TQ2	A1		06A		
03325		XA132	04		XA132	03			168	9		SPI031	08		01	1	TQ2	A2		04A		
03324		XA132	03									SPI031	09		01	1	TQ2	A3		02A		
09152		XA342	41		XA132	26			168	9		SPI032	01				RR4	E5				
03347		XA132	26		XA132	25			168	9		SPI032	02		01	2	TQ2	B1		14A		
03346		XA132	25		XA132	20			168	9		SPI032	03		01	2	TQ2	B4		12B		
03341		XA132	20		XA132	19			168	9		SPI032	04		01	2	TQ2	B2		11A		
03340		XA132	19		XA132	13			168	9		SPI032	05		01	2	TQ2	B3		09B		
03334		XA132	13		XA132	10			168	9		SPI032	06		01	2	TQ2	A4		06B		
03331		XA132	10		XA132	07			168	9		SPI032	07		01	2	TQ2	A1		07A		
03328		XA132	07		XA132	05			168	9		SPI032	08		01	2	TQ2	A3		03A		
03326		XA132	05									SPI032	09		01	2	TQ2	A2		03B		
23527		XA327	33		XA342	56			168	9		SPLD2D4	01	SPLD2D4	00	1	TLD	C3		16B	SPARE	
09167		XA342	56									SPLD2D4	02				RR4	E2				
23530		XA327	39		XA342	61			168	9		SPLD3D4	01	SPLD3D4	00	1	TLD	C4		19B	SPARE	
09172		XA342	61									SPLD3D4	02				RR4	G5				
18726		P14	001		XA351	05		AE	23D	9	H	SSA00A	01	#L08-001							BIT 0 SENSE LINE A	
09831		XA351	05									SSA00A	02				SAM	Z1				
18728		P14	002		XA351	13		AF	23D	9	H	SSA00B	01	#L08-002							BIT 0 SENSE LINE B	
								****	SIGNAL			SSA00B		IS ON THE							NEXT PAGE ****	



DRAWING NUMBER 149304-800 STRING UNIT ASSEMBLY NO. 149304 REV G INDEX SSA00B  
 UNIT ASSEMBLY NAME CARD CAGE WIRED, MCU FILE IDENT T39AMCMU DATE 09-02-82 PAGE 229

RECORD NUMBER	FROM				TO				WIRE				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	INFO	PREFIX	CONNECTOR	PIN	INFO	MULTI GROUP	CODE	COLOR	IDENT										
09840		XA351	13										SSA00B	02			SAM	Z1				
18731 09850	P14 XA351	059 23			XA351	23			AG	23D	9		H SSA00C SSA00C	01 02	#L08-003		SAM	Z2				BIT 0 SENSE LINE C
18732 09859	P14 XA351	005 33			XA351	33			AH	23D	9		H SSA00D SSA00D	01 02	#L08-004		SAM	Z2				BIT 0 SENSE LINE D
18734 09876	P14 XA351	006 49			XA351	49			AI	23D	9		H SSA00E SSA00E	01 02	#L08-005		SAM	Z3				BIT 0 SENSE LINE E
18737 09882	P14 XA351	063 55			XA351	55			AJ	23D	9		H SSA00F SSA00F	01 02	#L08-006		SAM	Z3				BIT 0 SENSE LINE F
18738 09898	P14 XA351	009 69			XA351	69			AK	23D	9		H SSA00H SSA00H	01 02	#L08-007		SAM	Z4				BIT 0 SENSE LINE H
18740 09901	P14 XA351	010 72			XA351	72			AL	23D	9		H SSA00J SSA00J	01 02	#L08-008		SAM	Z4				BIT 0 SENSE LINE J
18743 09752	P14 XA350	067 05			XA350	05			AM	23D	9		H SSA01A SSA01A	01 02	#L08-009		SAM	Z1				BIT 1 SENSE LINE A
18744 09760	P14 XA350	013 13			XA350	13			AN	23D	9		H SSA01B SSA01B	01 02	#L08-010		SAM	Z1				BIT 1 SENSE LINE B
18746 09770	P14 XA350	014 23			XA350	23			AP	23D	9		H SSA01C SSA01C	01 02	#L08-011		SAM	Z2				BIT 1 SENSE LINE C
18749 09779	P14 XA350	071 33			XA350	33			AQ	23D	9		H SSA01D SSA01D	01 02	#L08-012		SAM	Z2				BIT 1 SENSE LINE D
18750 09795	P14 XA350	017 49			XA350	49			AR	23D	9		H SSA01E SSA01E	01 02	#L08-013		SAM	Z3				BIT 1 SENSE LINE E
18752 09801	P14 XA350	018 55			XA350	55			AS	23D	9		H SSA01F SSA01F	01 02	#L08-014		SAM	Z3				BIT 1 SENSE LINE F
18755 09815	P14 XA350	075 69			XA350	69			AT	23D	9		H SSA01H SSA01H	01 02	#L08-015		SAM	Z4				BIT 1 SENSE LINE H
18756 09818	P14 XA350	021 72			XA350	72			AU	23D	9		H SSA01J SSA01J	01 02	#L08-016		SAM	Z4				BIT 1 SENSE LINE J
18758 09673	P14 XA349	022 05			XA349	05			AV	23D	9		H SSA02A SSA02A	01 02	#L08-017		SAM	Z1				BIT 2 SENSE LINE A
18761 09681	P14 XA349	079 13			XA349	13			AW	23D	9		H SSA02B SSA02B	01 02	#L08-018		SAM	Z1				BIT 2 SENSE LINE B
									***	SIGNAL			SSA02C		IS ON THE		NEXT PAGE					***

DRAWING NUMBER 149304-800 STRING UNIT ASSEMBLY NO. 149304 REV G INDEX SSA02C  
 UNIT ASSEMBLY NAME CARD CAGE WIRED, MCU FILE IDENT T39AMCMU DATE 09-02-82 PAGE 230

RECORD NUMBER	FROM			TO			WIRE					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	LT GROUP	CODE	COLOR	IDENT	SPE INST MISC											
18762 09691	P14 XA349	025 23		XA349	23		AX	23D	9		H	SSA02C SSA02C	01 02	#L08-019			SAM	Z2			BIT 2 SENSE LINE C	
18764 09700	P14 XA349	026 33		XA349	33		AY	23D	9		H	SSA02D SSA02D	01 02	#L08-020			SAM	Z2			BIT 2 SENSE LINE D	
18767 09716	P14 XA349	085 49		XA349	49		AZ	23D	9		H	SSA02E SSA02E	01 02	#L08-021			SAM	Z3			BIT 2 SENSE LINE E	
18768 09722	P14 XA349	031 55		XA349	55		BA	23D	9		H	SSA02F SSA02F	01 02	#L08-022			SAM	Z3			BIT 2 SENSE LINE F	
18770 09736	P14 XA349	032 69		XA349	69		BB	23D	9		H	SSA02H SSA02H	01 02	#L08-023			SAM	Z4			BIT 2 SENSE LINE H	
18773 09739	P14 XA349	089 72		XA349	72		BC	23D	9		H	SSA02J SSA02J	01 02	#L08-024			SAM	Z4			BIT 2 SENSE LINE J	
18774 09594	P14 XA348	035 05		XA348	05		BD	23D	9		H	SSA03A SSA03A	01 02	#L08-025			SAM	Z1			BIT 3 SENSE LINE A	
18776 09602	P14 XA348	036 13		XA348	13		BE	23D	9		H	SSA03B SSA03B	01 02	#L08-026			SAM	Z1			BIT 3 SENSE LINE B	
18779 09612	P14 XA348	093 23		XA348	23		BF	23D	9		H	SSA03C SSA03C	01 02	#L08-027			SAM	Z2			BIT 3 SENSE LINE C	
18780 09621	P14 XA348	039 33		XA348	33		BG	23D	9		H	SSA03D SSA03D	01 02	#L08-028			SAM	Z2			BIT 3 SENSE LINE D	
18782 09637	P14 XA348	040 49		XA348	49		BH	23D	9		H	SSA03E SSA03E	01 02	#L08-029			SAM	Z3			BIT 3 SENSE LINE E	
18785 09643	P14 XA348	097 55		XA348	55		BI	23D	9		H	SSA03F SSA03F	01 02	#L08-030			SAM	Z3			BIT 3 SENSE LINE F	
18786 09657	P14 XA348	043 69		XA348	69		BJ	23D	9		H	SSA03H SSA03H	01 02	#L08-031			SAM	Z4			BIT 3 SENSE LINE H	
18788 09660	P14 XA348	044 72		XA348	72		BK	23D	9		H	SSA03J SSA03J	01 02	#L08-032			SAM	Z4			BIT 3 SENSE LINE J	
18791 09515	P14 XA347	101 05		XA347	05		BL	23D	9		H	SSA04A SSA04A	01 02	#L08-033			SAM	Z1			BIT 4 SENSE LINE A	
18792 09523	P14 XA347	047 13		XA347	13		BM	23D	9		H	SSA04B SSA04B	01 02	#L08-034			SAM	Z1			BIT 4 SENSE LINE B	
18794 09533	P14 XA347	048 23		XA347	23		BN	23D	9		H	SSA04C SSA04C	01 02	#L08-035			SAM	Z2			BIT 4 SENSE LINE C	

DRAWING NUMBER 149304-800 STRING UNIT ASSEMBLY NO. 149304 REV G INDEX SSA04C  
 UNIT ASSEMBLY NAME CARD CAGE WIRED, MCU FILE IDENT T39AMCMU DATE 09-02-82 PAGE 231

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	PREFIX	CONNECTOR	PIN	SH PG	MULTI GROUP	CODE	COLOR	IDENT												SPEC INST WIRE	
18797 09542	P14 XA347	105 33		XA347	33			BP	23D	9		H	SSA04D SSA04D	01 02	#L08-036							BIT 4 SENSE LINE D		
18798 09558	P14 XA347	051 49		XA347	49			BQ	23D	9		H	SSA04E SSA04E	01 02	#L08-037								BIT 4 SENSE LINE E	
18800 09564	P14 XA347	052 55		XA347	55			BR	23D	9		H	SSA04F SSA04F	01 02	#L08-038								BIT 4 SENSE LINE F	
18803 09578	P14 XA347	109 69		XA347	69			BS	23D	9		H	SSA04H SSA04H	01 02	#L08-039								BIT 4 SENSE LINE H	
18804 09581	P14 XA347	055 72		XA347	72			BT	23D	9		H	SSA04J SSA04J	01 02	#L08-040								BIT 4 SENSE LINE J	
18678 04795	P15 XA151	001 05		XA151	05			BU	23D	9		H	SSA05A SSA05A	01 02	#L07-001								BIT 5 SENSE LINE A	
18680 04803	P15 XA151	002 13		XA151	13			BV	23D	9		H	SSA05B SSA05B	01 02	#L07-002								BIT 5 SENSE LINE B	
18683 04813	P15 XA151	059 23		XA151	23			BW	23D	9		H	SSA05C SSA05C	01 02	#L07-003								BIT 5 SENSE LINE C	
18684 04822	P15 XA151	005 33		XA151	33			BX	23D	9		H	SSA05D SSA05D	01 02	#L07-004								BIT 5 SENSE LINE D	
18686 04840	P15 XA151	006 49		XA151	49			BY	23D	9		H	SSA05E SSA05E	01 02	#L07-005								BIT 5 SENSE LINE E	
18689 04846	P15 XA151	063 55		XA151	55			BZ	23D	9		H	SSA05F SSA05F	01 02	#L07-006								BIT 5 SENSE LINE F	
18690 04861	P15 XA151	009 69		XA151	69			CA	23D	9		H	SSA05H SSA05H	01 02	#L07-007								BIT 5 SENSE LINE H	
18692 04864	P15 XA151	010 72		XA151	72			CB	23D	9		H	SSA05J SSA05J	01 02	#L07-008								BIT 5 SENSE LINE J	
18694 04717	P15 XA150	022 05		XA150	05			CC	23D	9		H	SSA06A SSA06A	01 02	#L07-009								BIT 6 SENSE LINE A	
18697 04725	P15 XA150	079 13		XA150	13			CD	23D	9		H	SSA06B SSA06B	01 02	#L07-010								BIT 6 SENSE LINE B	
18698 04735	P15 XA150	025 23		XA150	23			CE	23D	9		H	SSA06C SSA06C	01 02	#L07-011								BIT 6 SENSE LINE C	
								****	SIGNAL				SSA06D			IS ON THE							NEXT PAGE	****

DRAWING NUMBER 149304-800 STRING UNIT ASSEMBLY NO. 149304 REV G INDEX SSA06D  
 UNIT ASSEMBLY NAME CARD CAGE WIRED, MCU FILE IDENT T39AMCMU DATE 09-02-82 PAGE 232

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	PORT	PREFIX	CONNECTOR	PIN	PORT	MULTI GROUP	CODE	COLOR	IDENT												IPC INST
18700 04744	P15 XA150	026 33			XA150	33			CF	23D	9		H	SSA06D SSA06D	01 02	#L07-012			SAM	Z2			BIT 6 SENSE LINE D	
18703 04759	P15 XA150	085 49			XA150	49			CG	23D	9		H	SSA06E SSA06E	01 02	#L07-013			SAM	Z3			BIT 6 SENSE LINE E	
18704 04765	P15 XA150	031 55			XA150	55			CH	23D	9		H	SSA06F SSA06F	01 02	#L07-014			SAM	Z3			BIT 6 SENSE LINE F	
18706 04779	P15 XA150	032 69			XA150	69			CI	23D	9		H	SSA06H SSA06H	01 02	#L07-015			SAM	Z4			BIT 6 SENSE LINE H	
18709 04782	P15 XA150	089 72			XA150	72			CJ	23D	9		H	SSA06J SSA06J	01 02	#L07-016			SAM	Z4			BIT 6 SENSE LINE J	
18711 04638	P15 XA149	101 05			XA149	05			CK	23D	9		H	SSA07A SSA07A	01 02	#L07-017			SAM	Z1			BIT 7 SENSE LINE A	
18712 04646	P15 XA149	047 13			XA149	13			CL	23D	9		H	SSA07B SSA07B	01 02	#L07-018			SAM	Z1			BIT 7 SENSE LINE B	
18714 04656	P15 XA149	048 23			XA149	23			CM	23D	9		H	SSA07C SSA07C	01 02	#L07-019			SAM	Z2			BIT 7 SENSE LINE C	
18717 04665	P15 XA149	105 33			XA149	33			CN	23D	9		H	SSA07D SSA07D	01 02	#L07-020			SAM	Z2			BIT 7 SENSE LINE D	
18718 04681	P15 XA149	051 49			XA149	49			CP	23D	9		H	SSA07E SSA07E	01 02	#L07-021			SAM	Z3			BIT 7 SENSE LINE E	
18720 04687	P15 XA149	052 55			XA149	55			CQ	23D	9		H	SSA07F SSA07F	01 02	#L07-022			SAM	Z3			BIT 7 SENSE LINE F	
18723 04701	P15 XA149	109 69			XA149	69			CR	23D	9		H	SSA07H SSA07H	01 02	#L07-023			SAM	Z4			BIT 7 SENSE LINE H	
18724 04704	P15 XA149	055 72			XA149	72			CS	23D	9		H	SSA07J SSA07J	01 02	#L07-024			SAM	Z4			BIT 7 SENSE LINE J	
18532 07234	P16 XA251	001 05			XA251	05			CT	23D	9		H	SSA08A SSA08A	01 02	#L05-001			SAM	Z1			BIT 8 SENSE LINE A	
18534 07242	P16 XA251	002 13			XA251	13			CU	23D	9		H	SSA08B SSA08B	01 02	#L05-002			SAM	Z1			BIT 8 SENSE LINE B	
18537 07253	P16 XA251	059 23			XA251	23			CV	23D	9		H	SSA08C SSA08C	01 02	#L05-003			SAM	Z2			BIT 8 SENSE LINE C	
18538 07262	P16 XA251	005 33			XA251	33			CW	23D	9		H	SSA08D SSA08D	01 02	#L05-004			SAM	Z2			BIT 8 SENSE LINE D	

DRAWING NUMBER 149304-800 STRING UNIT ASSEMBLY NO. 149304 REV G INDEX SSA08D  
 UNIT ASSEMBLY NAME CARD CAGE WIRED, MCU FILE IDENT T39AMCMU DATE 09-02-82 PAGE 233

RECORD NUMBER	FROM				TO				WIRE				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	DRFG	PREFIX	CONNECTOR	PIN	DRFG	MULTI GROUP	CODE	COLOR	IDENT												DRFG	DRFG
18540 07279	P16 XA251	006 49			XA251	49			CX	23D	9		H	SSA08E SSA08E	01 02	#L05-005							BIT 8 SENSE LINE E		
18543 07285	P16 XA251	063 55			XA251	55			CY	23D	9		H	SSA08E SSA08F	01 02	#L05-006								BIT 8 SENSE LINE F	
18544 07301	P16 XA251	009 69			XA251	69			CZ	23D	9		H	SSA08H SSA08H	01 02	#L05-007								BIT 8 SENSE LINE H	
18546 07304	P16 XA251	010 72			XA251	72			DA	23D	9		H	SSA08J SSA08J	01 02	#L05-008								BIT 8 SENSE LINE J	
18549 07155	P16 XA250	067 05			XA250	05			DB	23D	9		H	SSA09A SSA09A	01 02	#L05-009								BIT 9 SENSE LINE A	
18550 07163	P16 XA250	013 13			XA250	13			DC	23D	9		H	SSA09B SSA09B	01 02	#L05-010								BIT 9 SENSE LINE B	
18552 07173	P16 XA250	014 23			XA250	23			DD	23D	9		H	SSA09C SSA09C	01 02	#L05-011								BIT 9 SENSE LINE C	
18555 07182	P16 XA250	071 33			XA250	33			DE	23D	9		H	SSA09D SSA09D	01 02	#L05-012								BIT 9 SENSE LINE D	
18556 07198	P16 XA250	017 49			XA250	49			DF	23D	9		H	SSA09E SSA09E	01 02	#L05-013								BIT 9 SENSE LINE E	
18558 07204	P16 XA250	018 55			XA250	55			DG	23D	9		H	SSA09F SSA09F	01 02	#L05-014								BIT 9 SENSE LINE F	
18561 07218	P16 XA250	075 69			XA250	69			DH	23D	9		H	SSA09H SSA09H	01 02	#L05-015								BIT 9 SENSE LINE H	
18562 07221	P16 XA250	021 72			XA250	72			DI	23D	9		H	SSA09J SSA09J	01 02	#L05-016								BIT 9 SENSE LINE J	
18564 07076	P16 XA249	022 05			XA249	05			DJ	23D	9		H	SSA10A SSA10A	01 02	#L05-017								BIT10 SENSE LINE A	
18567 07084	P16 XA249	079 13			XA249	13			DK	23D	9		H	SSA10B SSA10B	01 02	#L05-018								BIT10 SENSE LINE B	
18568 07094	P16 XA249	025 23			XA249	23			DL	23D	9		H	SSA10C SSA10C	01 02	#L05-019								BIT10 SENSE LINE C	
18570 07103	P16 XA249	026 33			XA249	33			DM	23D	9		H	SSA10D SSA10D	01 02	#L05-020								BIT10 SENSE LINE D	
									****	SIGNAL				SSA10E		IS ON THE								NEXT PAGE	****

DRAWING NUMBER 149304-800 STRING UNIT ASSEMBLY NO. 149304 REV G INDEX SSA10E  
 UNIT ASSEMBLY NAME CARD CAGE WIRED, MCU FILE IDENT T39AMCMU DATE 09-02-82 PAGE 234

RECORD NUMBER	FROM				TO				WIRE				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 FTG	PREFIX	CONNECTOR	PIN	SH FTG	MULTI GROUP	CODE	COLOR	IDENT											
18573 07119	P16 XA249	085 49			XA249	49			DN	23D	9		H SSA10E SSA10E	01 02	#L05-021			SAM	Z3			BIT10 SENSE LINE E	
18574 07125	P16 XA249	031 55			XA249	55			DP	23D	9		H SSA10F SSA10F	01 02	#L05-022			SAM	Z3			BIT10 SENSE LINE F	
18576 07139	P16 XA249	032 69			XA249	69			DQ	23D	9		H SSA10H SSA10H	01 02	#L05-023			SAM	Z4			BIT10 SENSE LINE H	
18579 07142	P16 XA249	089 72			XA249	72			DR	23D	9		H SSA10J SSA10J	01 02	#L05-024			SAM	Z4			BIT10 SENSE LINE J	
18580 06997	P16 XA248	035 05			XA248	05			DS	23D	9		H SSA11A SSA11A	01 02	#L05-025			SAM	Z1			BIT11 SENSE LINE A	
18582 07005	P16 XA248	036 13			XA248	13			DT	23D	9		H SSA11B SSA11B	01 02	#L05-026			SAM	Z1			BIT11 SENSE LINE B	
18585 07015	P16 XA248	093 23			XA248	23			DU	23D	9		H SSA11C SSA11C	01 02	#L05-027			SAM	Z2			BIT11 SENSE LINE C	
18586 07024	P16 XA248	039 33			XA248	33			DV	23D	9		H SSA11D SSA11D	01 02	#L05-028			SAM	Z2			BIT11 SENSE LINE D	
18588 07040	P16 XA248	040 49			XA248	49			DW	23D	9		H SSA11E SSA11E	01 02	#L05-029			SAM	Z3			BIT11 SENSE LINE E	
18591 07046	P16 XA248	097 55			XA248	55			DX	23D	9		H SSA11F SSA11F	01 02	#L05-030			SAM	Z3			BIT11 SENSE LINE F	
18592 07060	P16 XA248	043 69			XA248	69			DY	23D	9		H SSA11H SSA11H	01 02	#L05-031			SAM	Z4			BIT11 SENSE LINE H	
18594 07063	P16 XA248	044 72			XA248	72			DZ	23D	9		H SSA11J SSA11J	01 02	#L05-032			SAM	Z4			BIT11 SENSE LINE J	
18597 06918	P16 XA247	101 05			XA247	05			EA	23D	9		H SSA12A SSA12A	01 02	#L05-033			SAM	Z1			BIT12 SENSE LINE A	
18598 06926	P16 XA247	047 13			XA247	13			EB	23D	9		H SSA12B SSA12B	01 02	#L05-034			SAM	Z1			BIT12 SENSE LINE B	
18600 06936	P16 XA247	048 23			XA247	23			EC	23D	9		H SSA12C SSA12C	01 02	#L05-035			SAM	Z2			BIT12 SENSE LINE C	
18603 06945	P16 XA247	105 33			XA247	33			ED	23D	9		H SSA12D SSA12D	01 02	#L05-036			SAM	Z2			BIT12 SENSE LINE D	
18604 06961	P16 XA247	051 49			XA247	49			EE	23D	9		H SSA12E SSA12E	01 02	#L05-037			SAM	Z3			BIT12 SENSE LINE E	

DRAWING NUMBER 149304-800 STRING UNIT ASSEMBLY NO. 149304 REV G INDEX SSA12E  
 UNIT ASSEMBLY NAME CARD CAGE WIRED, MCU FILE IDENT T39AMCMU DATE 09-02-82 PAGE 235

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	IN FR	PREFIX	CONNECTOR	PIN	IN FR	MULTI GROUP	CODE	COLOR	IDENT											
18606 06967	P16 XA247	052 55			XA247	55			EF	23D	9		H SSA12F SSA12F	01 02	#L05-038			SAM	Z3			BIT12 SENSE LINE F	
18609 06981	P16 XA247	109 69			XA247	69			EG	23D	9		H SSA12H SSA12H	01 02	#L05-039			SAM	Z4			BIT12 SENSE LINE H	
18610 06984	P16 XA247	055 72			XA247	72			EH	23D	9		H SSA12J SSA12J	01 02	#L05-040			SAM	Z4			BIT12 SENSE LINE J	
18613 13296	P17 XA451	067 05			XA451	05			EI	23D	9		H SSA13A SSA13A	01 02	#L06-001			SAM	Z1			BIT13 SENSE LINE A	
18614 13304	P17 XA451	013 13			XA451	13			EJ	23D	9		H SSA13B SSA13B	01 02	#L06-002			SAM	Z1			BIT13 SENSE LINE B	
18616 13315	P17 XA451	014 23			XA451	23			EK	23D	9		H SSA13C SSA13C	01 02	#L06-003			SAM	Z2			BIT13 SENSE LINE C	
18619 13324	P17 XA451	071 33			XA451	33			EL	23D	9		H SSA13D SSA13D	01 02	#L06-004			SAM	Z2			BIT13 SENSE LINE D	
18620 13340	P17 XA451	017 49			XA451	49			EM	23D	9		H SSA13E SSA13E	01 02	#L06-005			SAM	Z3			BIT13 SENSE LINE E	
18622 13346	P17 XA451	018 55			XA451	55			EN	23D	9		H SSA13F SSA13F	01 02	#L06-006			SAM	Z3			BIT13 SENSE LINE F	
18625 13360	P17 XA451	075 69			XA451	69			EP	23D	9		H SSA13H SSA13H	01 02	#L06-007			SAM	Z4			BIT13 SENSE LINE H	
18626 13363	P17 XA451	021 72			XA451	72			EQ	23D	9		H SSA13J SSA13J	01 02	#L06-008			SAM	Z4			BIT13 SENSE LINE J	
18628 13217	P17 XA450	022 05			XA450	05			ER	23D	9		H SSA14A SSA14A	01 02	#L06-009			SAM	Z1			BIT14 SENSE LINE A	
18631 13225	P17 XA450	079 13			XA450	13			ES	23D	9		H SSA14B SSA14B	01 02	#L06-010			SAM	Z1			BIT14 SENSE LINE B	
18632 13235	P17 XA450	025 23			XA450	23			ET	23D	9		H SSA14C SSA14C	01 02	#L06-011			SAM	Z2			BIT14 SENSE LINE C	
18634 13244	P17 XA450	026 33			XA450	33			EU	23D	9		H SSA14D SSA14D	01 02	#L06-012			SAM	Z2			BIT14 SENSE LINE D	
18637 13260	P17 XA450	085 49			XA450	49			EV	23D	9		H SSA14E SSA14E	01 02	#L06-013			SAM	Z3			BIT14 SENSE LINE E	
									****	SIGNAL			SSA14F		IS ON THE	NEXT PAGE	****						

DRAWING NUMBER 149304-800 STRING UNIT ASSEMBLY NAME CARD CAGE WIRED, MCU UNIT ASSEMBLY NO. 149304 REV G INDEX SSA14F FILE IDENT T39AMCMU DATE 09-02-82 PAGE 236

RECORD NUMBER	FROM				TO				WIRE				SFC 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
	PREFIX	CONNECTOR	PIN	SH FC	PREFIX	CONNECTOR	PIN	SH FC	MULTI GROUP	CODE	COLOR	IDENT												
18638 13266	P17 XA450	031 55			XA450	55			EW	23D	9		H SSA14F SSA14F	01 02	#L06-014			SAM	Z3				BIT14 SENSE LINE F	
18640 13280	P17 XA450	032 69			XA450	69			EX	23D	9		H SSA14H SSA14H	01 02	#L06-015			SAM	Z4				BIT14 SENSE LINE H	
18643 13283	P17 XA450	089 72			XA450	72			EY	23D	9		H SSA14J SSA14J	01 02	#L06-016			SAM	Z4				BIT14 SENSE LINE J	
18644 13138	P17 XA449	035 05			XA449	05			EZ	23D	9		H SSA15A SSA15A	01 02	#L06-017			SAM	Z1				BIT15 SENSE LINE A	
18648 13146	P17 XA449	036 13			XA449	13			FA	23D	9		H SSA15B SSA15B	01 02	#L06-018			SAM	Z1				BIT15 SENSE LINE B	
18649 13156	P17 XA449	093 23			XA449	23			FB	23D	9		H SSA15C SSA15C	01 02	#L06-019			SAM	Z2				BIT15 SENSE LINE C	
18650 13165	P17 XA449	039 33			XA449	33			FC	23D	9		H SSA15D SSA15D	01 02	#L06-020			SAM	Z2				BIT15 SENSE LINE D	
18652 13181	P17 XA449	040 49			XA449	49			FD	23D	9		H SSA15E SSA15E	01 02	#L06-021			SAM	Z3				BIT15 SENSE LINE E	
18655 13187	P17 XA449	097 55			XA449	55			FE	23D	9		H SSA15F SSA15F	01 02	#L06-022			SAM	Z3				BIT15 SENSE LINE F	
18656 13201	P17 XA449	043 69			XA449	69			FF	23D	9		H SSA15H SSA15H	01 02	#L06-023			SAM	Z4				BIT15 SENSE LINE H	
18658 13204	P17 XA449	044 72			XA449	72			FG	23D	9		H SSA15J SSA15J	01 02	#L06-024			SAM	Z4				BIT15 SENSE LINE J	
18661 13059	P17 XA448	101 05			XA448	05			FH	23D	9		H SSA16A SSA16A	01 02	#L06-025			SAM	Z1				BIT16 SENSE LINE A	
18662 13067	P17 XA448	047 13			XA448	13			FI	23D	9		H SSA16B SSA16B	01 02	#L06-026			SAM	Z1				BIT16 SENSE LINE B	
18664 13077	P17 XA448	048 23			XA448	23			FJ	23D	9		H SSA16C SSA16C	01 02	#L06-027			SAM	Z2				BIT16 SENSE LINE C	
18667 13086	P17 XA448	105 33			XA448	33			FK	23D	9		H SSA16D SSA16D	01 02	#L06-028			SAM	Z2				BIT16 SENSE LINE D	
18668 13102	P17 XA448	051 49			XA448	49			FL	23D	9		H SSA16E SSA16E	01 02	#L06-029			SAM	Z3				BIT16 SENSE LINE E	
18670 13108	P17 XA448	052 55			XA448	55			FM	23D	9		H SSA16F SSA16F	01 02	#L06-030			SAM	Z3				BIT16 SENSE LINE F	



DRAWING NUMBER 149304-800 STRING UNIT ASSEMBLY NO. 149304 REV G INDEX SSA16F  
 UNIT ASSEMBLY NAME CARD CAGE WIRED, MCU FILE IDENT T39AMCMU DATE 09-02-82 PAGE 237

RECORD NUMBER	FROM				TO				WIRE				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	WIRE	PREFIX	CONNECTOR	PIN	WIRE	MULTI GROUP	CODE	COLOR	IDENT												SPEC INST MISC	
18673 13122		P17 XA448	109 69			XA448	69		FN	23D	9		H	SSA16H SSA16H	01 02	#L06-031			SAM	Z4			BIT16 SENSE LINE H		
18674 13125		P17 XA448	055 72			XA448	72		FP	23D	9		H	SSA16J SSA16J	01 02	#L06-032			SAM	Z4			BIT16 SENSE LINE J		
18452 12980		P18 XA447	001 05			XA447	05		FQ	23D	9		H	SSA17A SSA17A	01 02	#L04-001			SAM	Z1			BIT17 SENSE LINE A		
18454 12988		P18 XA447	002 13			XA447	13		FR	23D	9		H	SSA17B SSA17B	01 02	#L04-002			SAM	Z1			BIT17 SENSE LINE B		
18457 12998		P18 XA447	059 23			XA447	23		FS	23D	9		H	SSA17C SSA17C	01 02	#L04-003			SAM	Z2			BIT17 SENSE LINE C		
18458 13007		P18 XA447	005 33			XA447	33		FT	23D	9		H	SSA17D SSA17D	01 02	#L04-004			SAM	Z2			BIT17 SENSE LINE D		
18460 13023		P18 XA447	006 49			XA447	49		FU	23D	9		H	SSA17E SSA17E	01 02	#L04-005			SAM	Z3			BIT17 SENSE LINE E		
18463 13029		P18 XA447	063 55			XA447	55		FV	23D	9		H	SSA17F SSA17F	01 02	#L04-006			SAM	Z3			BIT17 SENSE LINE F		
18464 13043		P18 XA447	009 69			XA447	69		FW	23D	9		H	SSA17H SSA17H	01 02	#L04-007			SAM	Z4			BIT17 SENSE LINE H		
18466 13046		P18 XA447	010 72			XA447	72		FX	23D	9		H	SSA17J SSA17J	01 02	#L04-008			SAM	Z4			BIT17 SENSE LINE J		
18469 12901		P18 XA446	067 05			XA446	05		FY	23D	9		H	SSA18A SSA18A	01 02	#L04-009			SAM	Z1			BIT18 SENSE LINE A		
18470 12909		P18 XA446	013 13			XA446	13		FZ	23D	9		H	SSA18B SSA18B	01 02	#L04-010			SAM	Z1			BIT18 SENSE LINE B		
18472 12919		P18 XA446	014 23			XA446	23		GA	23D	9		H	SSA18C SSA18C	01 02	#L04-011			SAM	Z2			BIT18 SENSE LINE C		
18475 12928		P18 XA446	071 33			XA446	33		GB	23D	9		H	SSA18D SSA18D	01 02	#L04-012			SAM	Z2			BIT18 SENSE LINE D		
18476 12944		P18 XA446	017 49			XA446	49		GC	23D	9		H	SSA18E SSA18E	01 02	#L04-013			SAM	Z3			BIT18 SENSE LINE E		
18478 12950		P18 XA446	018 55			XA446	55		GD	23D	9		H	SSA18F SSA18F	01 02	#L04-014			SAM	Z3			BIT18 SENSE LINE F		
									***					SIGNAL		SSA18H								IS ON THE NEXT PAGE	***

DRAWING NUMBER 149304-800 STRING UNIT ASSEMBLY NO. 149304 REV G INDEX SSA18H  
 UNIT ASSEMBLY NAME CARD CAGE WIRED, MCU FILE IDENT T39AMCMU DATE 09-02-82 PAGE 238

RECORD NUMBER	FROM				TO				WIRE				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	SIZE	PREFIX	CONNECTOR	PIN	SIZE	MULTI GROUP	CODE	COLCR	IDENT										
18481 12964	P18 XA446	075 69			XA446	69			GE	23D	9		H	SSA18H SSA18H	01 02	#L04-015		SAM	Z4		BIT18 SENSE LINE H	
18482 12967	P18 XA446	021 72			XA446	72			GF	23D	9		H	SSA18J SSA18J	01 02	#L04-016		SAM	Z4		BIT18 SENSE LINE J	
18484 12822	P18 XA445	022 05			XA445	05			GG	23D	9		H	SSA19A SSA19A	01 02	#L04-017		SAM	Z1		BIT19 SENSE LINE A	
18487 12830	P18 XA445	079 13			XA445	13			GH	23D	9		H	SSA19B SSA19B	01 02	#L04-018		SAM	Z1		BIT19 SENSE LINE B	
18488 12840	P18 XA445	025 23			XA445	23			GI	23D	9		H	SSA19C SSA19C	01 02	#L04-019		SAM	Z2		BIT19 SENSE LINE C	
18490 12849	P18 XA445	026 33			XA445	33			GJ	23D	9		H	SSA19D SSA19D	01 02	#L04-020		SAM	Z2		BIT19 SENSE LINE D	
18493 12865	P18 XA445	085 49			XA445	49			GK	23D	9		H	SSA19E SSA19E	01 02	#L04-021		SAM	Z3		BIT19 SENSE LINE E	
18494 12871	P18 XA445	031 55			XA445	55			GL	23D	9		H	SSA19F SSA19F	01 02	#L04-022		SAM	Z3		BIT19 SENSE LINE F	
18496 12885	P18 XA445	032 69			XA445	69			GM	23D	9		H	SSA19H SSA19H	01 02	#L04-023		SAM	Z4		BIT19 SENSE LINE H	
18499 12888	P18 XA445	089 72			XA445	72			GN	23D	9		H	SSA19J SSA19J	01 02	#L04-024		SAM	Z4		BIT19 SENSE LINE J	
18500 12743	P18 XA444	035 05			XA444	05			GP	23D	9		H	SSA20A SSA20A	01 02	#L04-025		SAM	Z1		BIT20 SENSE LINE A	
18502 12751	P18 XA444	036 13			XA444	13			GQ	23D	9		H	SSA20B SSA20B	01 02	#L04-026		SAM	Z1		BIT20 SENSE LINE B	
18505 12761	P18 XA444	093 23			XA444	23			GR	23D	9		H	SSA20C SSA20C	01 02	#L04-027		SAM	Z2		BIT20 SENSE LINE C	
18506 12770	P18 XA444	039 33			XA444	33			GS	23D	9		H	SSA20D SSA20D	01 02	#L04-028		SAM	Z2		BIT20 SENSE LINE D	
18508 12786	P18 XA444	040 49			XA444	49			GT	23D	9		H	SSA20E SSA20E	01 02	#L04-029		SAM	Z3		BIT20 SENSE LINE E	
18511 12792	P18 XA444	097 55			XA444	55			GU	23D	9		H	SSA20F SSA20F	01 02	#L04-030		SAM	Z3		BIT20 SENSE LINE F	
18512 12806	P18 XA444	043 69			XA444	69			GV	23D	9		H	SSA20H SSA20H	01 02	#L04-031		SAM	Z4		BIT20 SENSE LINE H	

DRAWING NUMBER 149304-800 STRING UNIT ASSEMBLY NO. 149304 REV G INDEX SSA20H  
 UNIT ASSEMBLY NAME CARD CAGE WIRED, MCU FILE IDENT T39AMCMU DATE 09-02-82 PAGE 239

RECORD NUMBER	FROM				TO				WIRE				SIGNAL	SEC NO	EQUATION	TERM	FACTOR	CKT ON CHIP TYPE	GROUP	LOAD OR POWER PLANE	TEST POINTS AND OR	SIGNAL DESCRIPTION	ECO NO		
	PREFIX	CONNECTOR	PIN	WIRE	PREFIX	CONNECTOR	PIN	WIRE	MULTI GROUP	CODE	COLOR	IDENT													
18514 12809	P18 XA444	044 72			XA444	72			GW	23D	9		H	SSA20J SSA20J	01 02	#L04-032			SAM	Z4			BIT20 SENSE LINE J		
18517 12662	P18 XA443	101 05			XA443	05			GX	23D	9		H	SSA21A SSA21A	01 02	#L04-033			SAM	Z1			BIT21 SENSE LINE A		
18518 12670	P18 XA443	047 13			XA443	13			GY	23D	9		H	SSA21B SSA21B	01 02	#L04-034			SAM	Z1			BIT21 SENSE LINE B		
18520 12680	P18 XA443	048 23			XA443	23			GZ	23D	9		H	SSA21C SSA21C	01 02	#L04-035			SAM	Z2			BIT21 SENSE LINE C		
18523 12689	P18 XA443	105 33			XA443	33			HA	23D	9		H	SSA21D SSA21D	01 02	#L04-036			SAM	Z2			BIT21 SENSE LINE D		
18524 12706	P18 XA443	051 49			XA443	49			HB	23D	9		H	SSA21E SSA21E	01 02	#L04-037			SAM	Z3			BIT21 SENSE LINE E		
18526 12712	P18 XA443	052 55			XA443	55			HC	23D	9		H	SSA21F SSA21F	01 02	#L04-038			SAM	Z3			BIT21 SENSE LINE F		
18529 12727	P18 XA443	109 69			XA443	69			HD	23D	9		H	SSA21H SSA21H	01 02	#L04-039			SAM	Z4			BIT21 SENSE LINE H		
18530 12730	P18 XA443	055 72			XA443	72			HE	23D	9		H	SSA21J SSA21J	01 02	#L04-040			SAM	Z4			BIT21 SENSE LINE J		
18389 06836	P19 XA246	067 05			XA246	05			HF	23D	9		H	SSA22A SSA22A	01 02	#L03-001			SAM	Z1			BIT22 SENSE LINE A		
18390 06844	P19 XA246	013 13			XA246	13			HG	23D	9		H	SSA22B SSA22B	01 02	#L03-002			SAM	Z1			BIT22 SENSE LINE B		
18392 06854	P19 XA246	014 23			XA246	23			HH	23D	9		H	SSA22C SSA22C	01 02	#L03-003			SAM	Z2			BIT22 SENSE LINE C		
18395 06863	P19 XA246	071 33			XA246	33			HI	23D	9		H	SSA22D SSA22D	01 02	#L03-004			SAM	Z2			BIT22 SENSE LINE D		
18396 06880	P19 XA246	017 49			XA246	49			HJ	23D	9		H	SSA22E SSA22E	01 02	#L03-005			SAM	Z3			BIT22 SENSE LINE E		
18398 06886	P19 XA246	018 55			XA246	55			HK	23D	9		H	SSA22F SSA22F	01 02	#L03-006			SAM	Z3			BIT22 SENSE LINE F		
18401 06902	P19 XA246	075 69			XA246	69			HL	23D	9		H	SSA22H SSA22H	01 02	#L03-007			SAM	Z4			BIT22 SENSE LINE H		
									****	SIGNAL				SSA22J		IS ON THE							NEXT PAGE	****	

DRAWING NUMBER 149304-800 STRING UNIT ASSEMBLY NO. 149304 REV G INDEX SSA22J  
 UNIT ASSEMBLY NAME CARD CAGE WIRED, MCU FILE IDENT T39AMCMU DATE 09-02-82 PAGE 240

RECORD NUMBER	FROM			TO			WIRE			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											
18402 06905	P19 XA246	021 72		XA246	72		HM	23D	9		SSA22J SSA22J	01 02	#L03-008		SAM	Z4			BIT22 SENSE LINE J	
18404 06757	P19 XA245	022 05		XA245	05		HN	23D	9		SSA23A SSA23A	01 02	#L03-009		SAM	Z1			BIT23 SENSE LINE A	
18407 06765	P19 XA245	079 13		XA245	13		HP	23D	9		SSA23B SSA23B	01 02	#L03-010		SAM	Z1			BIT23 SENSE LINE B	
18408 06775	P19 XA245	025 23		XA245	23		HQ	23D	9		SSA23C SSA23C	01 02	#L03-011		SAM	Z2			BIT23 SENSE LINE C	
18410 06784	P19 XA245	026 33		XA245	33		HR	23D	9		SSA23D SSA23D	01 02	#L03-012		SAM	Z2			BIT23 SENSE LINE D	
18413 06800	P19 XA245	085 49		XA245	49		HS	23D	9		SSA23E SSA23E	01 02	#L03-013		SAM	Z3			BIT23 SENSE LINE E	
18414 06806	P19 XA245	031 55		XA245	55		HT	23D	9		SSA23F SSA23F	01 02	#L03-014		SAM	Z3			BIT23 SENSE LINE F	
18416 06820	P19 XA245	032 69		XA245	69		HU	23D	9		SSA23H SSA23H	01 02	#L03-015		SAM	Z4			BIT23 SENSE LINE H	
18419 06823	P19 XA245	089 72		XA245	72		HV	23D	9		SSA23J SSA23J	01 02	#L03-016		SAM	Z4			BIT23 SENSE LINE J	
18420 06878	P19 XA244	035 05		XA244	05		HW	23D	9		SSA24A SSA24A	01 02	#L03-017		SAM	Z1			BIT24 SENSE LINE A	
18422 06686	P19 XA244	036 13		XA244	13		HX	23D	9		SSA24B SSA24B	01 02	#L03-018		SAM	Z1			BIT24 SENSE LINE B	
18425 06696	P19 XA244	093 23		XA244	23		HY	23D	9		SSA24C SSA24C	01 02	#L03-019		SAM	Z2			BIT24 SENSE LINE C	
18426 06705	P19 XA244	039 33		XA244	33		HZ	23D	9		SSA24D SSA24D	01 02	#L03-020		SAM	Z2			BIT24 SENSE LINE D	
18428 06721	P19 XA244	040 49		XA244	49		IA	23D	9		SSA24E SSA24E	01 02	#L03-021		SAM	Z3			BIT24 SENSE LINE E	
18431 06727	P19 XA244	097 55		XA244	55		IB	23D	9		SSA24F SSA24F	01 02	#L03-022		SAM	Z3			BIT24 SENSE LINE F	
18432 06741	P19 XA244	043 69		XA244	69		IC	23D	9		SSA24H SSA24H	01 02	#L03-023		SAM	Z4			BIT24 SENSE LINE H	
18434 06744	P19 XA244	044 72		XA244	72		ID	23D	9		SSA24J SSA24J	01 02	#L03-024		SAM	Z4			BIT24 SENSE LINE J	

DRAWING NUMBER 149304-800 STRING UNIT ASSEMBLY NAME CARD CAGE WIRED, MCU UNIT ASSEMBLY NO. 149304 REV G INDEX SSA24J FILE IDENT T39AMCMU DATE 09-02-82 PAGE 241

RECORD NUMBER	FROM			INFO	TO			WIRE				SFC 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	
	PREFIX	CONNECTOR	PIN		PREFIX	CONNECTOR	PIN	MULTI-GROUP	CODE	COLOR	IDENT													
18437 06598		P19 XA243	101 05			XA243	05		IE	23D	9		H	SSA25A SSA25A	01 02	#L03-025							BIT25 SENSE LINE A	
18438 06607		P19 XA243	047 13			XA243	13		IF	23D	9		H	SSA25B SSA25B	01 02	#L03-026							BIT25 SENSE LINE B	
18440 06617		P19 XA243	048 23			XA243	23		IG	23D	9		H	SSA25C SSA25C	01 02	#L03-027							BIT25 SENSE LINE C	
18443 06626		P19 XA243	105 33			XA243	33		IH	23D	9		H	SSA25D SSA25D	01 02	#L03-028							BIT25 SENSE LINE D	
18444 06642		P19 XA243	051 49			XA243	49		II	23D	9		H	SSA25E SSA25E	01 02	#L03-029							BIT25 SENSE LINE E	
18446 06648		P19 XA243	052 55			XA243	55		IJ	23D	9		H	SSA25F SSA25F	01 02	#L03-030							BIT25 SENSE LINE F	
18449 06662		P19 XA243	109 69			XA243	69		IK	23D	9		H	SSA25H SSA25H	01 02	#L03-031							BIT25 SENSE LINE H	
18450 06665		P19 XA243	055 72			XA243	72		IL	23D	9		H	SSA25J SSA25J	01 02	#L03-032							BIT25 SENSE LINE I	
18276 04559		P20 XA148	001 05			XA148	05		IM	23D	9		H	SSA26A SSA26A	01 02	#L01-001							BIT26 SENSE LINE A	
18278 04567		P20 XA148	002 13			XA148	13		IN	23D	9		H	SSA26B SSA26B	01 02	#L01-002							BIT26 SENSE LINE B	
18281 04577		P20 XA148	059 23			XA148	23		IP	23D	9		H	SSA26C SSA26C	01 02	#L01-003							BIT26 SENSE LINE C	
18282 04586		P20 XA148	005 33			XA148	33		IQ	23D	9		H	SSA26D SSA26D	01 02	#L01-004							BIT26 SENSE LINE D	
18284 04602		P20 XA148	006 49			XA148	49		IR	23D	9		H	SSA26E SSA26E	01 02	#L01-005							BIT26 SENSE LINE E	
18287 04608		P20 XA148	063 55			XA148	55		IS	23D	9		H	SSA26F SSA26F	01 02	#L01-006							BIT26 SENSE LINE F	
18288 04622		P20 XA148	009 69			XA148	69		IT	23D	9		H	SSA26H SSA26H	01 02	#L01-007							BIT26 SENSE LINE H	
18290 04625		P20 XA148	010 72			XA148	72		IU	23D	9		H	SSA26J SSA26J	01 02	#L01-008							BIT26 SENSE LINE I	
									****	SIGNAL				SSA27A		IS ON THE	NEXT PAGE	****						

DRAWING NUMBER 149304-800 STRING UNIT ASSEMBLY NO. 149304 REV G INDEX SSA27A  
 UNIT ASSEMBLY NAME CARD CAGE WIRED, MCU FILE IDENT T39AMCMU DATE 09-02-82 PAGE 242

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	PREFIX	CONNECTOR	PIN	MULTI GROUP	CODE	COLOR	IDENT												
18292 04480	P20 XA147	022 05		XA147	05		IV	23D	9		H	SSA27A SSA27A	01 02	#L01-009			SAM	Z1			BIT27 SENSE LINE A	
18295 04488	P20 XA147	079 13		XA147	13		IW	23D	9		H	SSA27B SSA27B	01 02	#L01-010			SAM	Z1			BIT27 SENSE LINE B	
18296 04498	P20 XA147	025 23		XA147	23		IX	23D	9		H	SSA27C SSA27C	01 02	#L01-011			SAM	Z2			BIT27 SENSE LINE C	
18298 04507	P20 XA147	026 33		XA147	33		IY	23D	9		H	SSA27D SSA27D	01 02	#L01-012			SAM	Z2			BIT27 SENSE LINE D	
18301 04523	P20 XA147	085 49		XA147	49		IZ	23D	9		H	SSA27E SSA27E	01 02	#L01-013			SAM	Z3			BIT27 SENSE LINE E	
18302 04529	P20 XA147	031 55		XA147	55		JA	23D	9		H	SSA27F SSA27F	01 02	#L01-014			SAM	Z3			BIT27 SENSE LINE F	
18304 04543	P20 XA147	032 69		XA147	69		JB	23D	9		H	SSA27H SSA27H	01 02	#L01-015			SAM	Z4			BIT27 SENSE LINE H	
18307 04546	P20 XA147	089 72		XA147	72		JC	23D	9		H	SSA27J SSA27J	01 02	#L01-016			SAM	Z4			BIT27 SENSE LINE J	
18309 04398	P20 XA146	101 05		XA146	05		JD	23D	9		H	SSA28A SSA28A	01 02	#L01-017			SAM	Z1			BIT28 SENSE LINE A	
18310 04406	P20 XA146	047 13		XA146	13		JE	23D	9		H	SSA28B SSA28B	01 02	#L01-018			SAM	Z1			BIT28 SENSE LINE B	
18312 04416	P20 XA146	048 23		XA146	23		JF	23D	9		H	SSA28C SSA28C	01 02	#L01-019			SAM	Z2			BIT28 SENSE LINE C	
18315 04425	P20 XA146	105 33		XA146	33		JG	23D	9		H	SSA28D SSA28D	01 02	#L01-020			SAM	Z2			BIT28 SENSE LINE D	
18316 04442	P20 XA146	051 49		XA146	49		JH	23D	9		H	SSA28E SSA28E	01 02	#L01-021			SAM	Z3			BIT28 SENSE LINE E	
18318 04448	P20 XA146	052 55		XA146	55		JI	23D	9		H	SSA28F SSA28F	01 02	#L01-022			SAM	Z3			BIT28 SENSE LINE F	
18321 04464	P20 XA146	109 69		XA146	69		JJ	23D	9		H	SSA28H SSA28H	01 02	#L01-023			SAM	Z4			BIT28 SENSE LINE H	
18322 04467	P20 XA146	055 72		XA146	72		JK	23D	9		H	SSA28J SSA28J	01 02	#L01-024			SAM	Z4			BIT28 SENSE LINE J	
18324 09436	P21 XA346	001 05		XA346	05		JL	23D	9		H	SSA29A SSA29A	01 02	#L02-001			SAM	Z1			BIT29 SENSE LINE A	

DRAWING NUMBER 149304-800 STRING UNIT ASSEMBLY NO. 149304 REV G INDEX SSA29A  
 UNIT ASSEMBLY NAME CARD CAGE WIRED, MCU FILE IDENT T39AMCMU DATE 09-02-82 PAGE 243

RECORD NUMBER	FROM				TO				WIRE				SFC INST INUSE	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	SAFE	PREFIX	CONNECTOR	PIN	SAFE	MULTI GROUP	CODE	COLOR	IDENT													
18326 09444		P21 XA346	002 13			XA346	13			JM	23D	9		H	SSA29B SSA29B	01 02	#L02-002			SAM	Z1			BIT29 SENSE LINE B	
18329 09454		P21 XA346	059 23			XA346	23			JN	23D	9		H	SSA29C SSA29C	01 02	#L02-003			SAM	Z2			BIT29 SENSE LINE C	
18330 09463		P21 XA346	005 33			XA346	33			JP	23D	9		H	SSA29D SSA29D	01 02	#L02-004			SAM	Z2			BIT29 SENSE LINE D	
18332 09479		P21 XA346	006 49			XA346	49			JQ	23D	9		H	SSA29E SSA29E	01 02	#L02-005			SAM	Z3			BIT29 SENSE LINE E	
18335 09485		P21 XA346	063 55			XA346	55			JR	23D	9		H	SSA29F SSA29F	01 02	#L02-006			SAM	Z3			BIT29 SENSE LINE F	
18336 09499		P21 XA346	009 69			XA346	69			JS	23D	9		H	SSA29H SSA29H	01 02	#L02-007			SAM	Z4			BIT29 SENSE LINE H	
18338 09502		P21 XA346	010 72			XA346	72			JT	23D	9		H	SSA29J SSA29J	01 02	#L02-008			SAM	Z4			BIT29 SENSE LINE J	
18340 09357		P21 XA345	022 05			XA345	05			JU	23D	9		H	SSA30A SSA30A	01 02	#L02-009			SAM	Z1			BIT30 SENSE LINE A	
18343 09365		P21 XA345	079 13			XA345	13			JV	23D	9		H	SSA30B SSA30B	01 02	#L02-010			SAM	Z1			BIT30 SENSE LINE B	
18344 09375		P21 XA345	025 23			XA345	23			JW	23D	9		H	SSA30C SSA30C	01 02	#L02-011			SAM	Z2			BIT30 SENSE LINE C	
18346 09384		P21 XA345	026 33			XA345	33			JX	23D	9		H	SSA30D SSA30D	01 02	#L02-012			SAM	Z2			BIT30 SENSE LINE D	
18349 09400		P21 XA345	085 49			XA345	49			JY	23D	9		H	SSA30E SSA30E	01 02	#L02-013			SAM	Z3			BIT30 SENSE LINE E	
18350 09406		P21 XA345	031 55			XA345	55			JZ	23D	9		H	SSA30F SSA30F	01 02	#L02-014			SAM	Z3			BIT30 SENSE LINE F	
18352 09420		P21 XA345	032 69			XA345	69			KA	23D	9		H	SSA30H SSA30H	01 02	#L02-015			SAM	Z4			BIT30 SENSE LINE H	
18355 09423		P21 XA345	089 72			XA345	72			KB	23D	9		H	SSA30J SSA30J	01 02	#L02-016			SAM	Z4			BIT30 SENSE LINE J	
18356 09278		P21 XA344	035 05			XA344	05			KC	23D	9		H	SSA31A SSA31A	01 02	#L02-017			SAM	Z1			BIT31 SENSE LINE A	
										****	SIGNAL				SSA31B			IS ON THE	NEXT PAGE	****					

DRAWING NUMBER 149304-800 STRING UNIT ASSEMBLY NO. 149304 REV G INDEX SSA31B  
 UNIT ASSEMBLY NAME CARD CAGE WIRED, MCU FILE IDENT T39AMCMU DATE 09-02-82 PAGE 244

RECORD NUMBER	FROM				TO				WIRE				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	DRILL	PREFIX	CONNECTOR	PIN	DRILL	MULTI GROUP	CODE	COLOR	IDENT												SPEC INST
18358 09286	P21 XA344	036 13			XA344	13			KD	23D	9		H	SSA31B SSA31B	01 02	#L02-018			SAM	Z1			BIT31 SENSE LINE B	
18361 09296	P21 XA344	093 23			XA344	23			KE	23D	9		H	SSA31C SSA31C	01 02	#L02-019			SAM	Z2			BIT31 SENSE LINE C	
18362 09305	P21 XA344	039 33			XA344	33			KF	23D	9		H	SSA31D SSA31D	01 02	#L02-020			SAM	Z2			BIT31 SENSE LINE D	
18364 09321	P21 XA344	040 49			XA344	49			KG	23D	9		H	SSA31E SSA31E	01 02	#L02-021			SAM	Z3			BIT31 SENSE LINE E	
18367 09327	P21 XA344	097 55			XA344	55			KH	23D	9		H	SSA31F SSA31F	01 02	#L02-022			SAM	Z3			BIT31 SENSE LINE F	
18368 09341	P21 XA344	043 69			XA344	69			KI	23D	9		H	SSA31H SSA31H	01 02	#L02-023			SAM	Z4			BIT31 SENSE LINE H	
18370 09344	P21 XA344	044 72			XA344	72			KJ	23D	9		H	SSA31J SSA31J	01 02	#L02-024			SAM	Z4			BIT31 SENSE LINE J	
18373 09197	P21 XA343	101 05			XA343	05			KK	23D	9		H	SSA32A SSA32A	01 02	#L02-025			SAM	Z1			BIT32 SENSE LINE A	
18374 09205	P21 XA343	047 13			XA343	13			KL	23D	9		H	SSA32B SSA32B	01 02	#L02-026			SAM	Z1			BIT32 SENSE LINE B	
18376 09215	P21 XA343	048 23			XA343	23			KM	23D	9		H	SSA32C SSA32C	01 02	#L02-027			SAM	Z2			BIT32 SENSE LINE C	
18379 09224	P21 XA343	105 33			XA343	33			KN	23D	9		H	SSA32D SSA32D	01 02	#L02-028			SAM	Z2			BIT32 SENSE LINE D	
18380 09241	P21 XA343	051 49			XA343	49			KP	23D	9		H	SSA32E SSA32E	01 02	#L02-029			SAM	Z3			BIT32 SENSE LINE E	
18382 09247	P21 XA343	052 55			XA343	55			KQ	23D	9		H	SSA32F SSA32F	01 02	#L02-030			SAM	Z3			BIT32 SENSE LINE F	
18385 09262	P21 XA343	109 69			XA343	69			KR	23D	9		H	SSA32H SSA32H	01 02	#L02-031			SAM	Z4			BIT32 SENSE LINE H	
18386 09265	P21 XA343	055 72			XA343	72			KS	23D	9		H	SSA32J SSA32J	01 02	#L02-032			SAM	Z4			BIT32 SENSE LINE J	
18727 09833	P14 XA351	057 07			XA351	07			AE	23D	0		H	SSB00A SSB00A	01 02	#L08-001			SAM	Z1			BIT0 SNSE LINE A*	
18729 09841	P14 XA351	003 14			XA351	14			AF	23D	0		H	SSB00B SSB00B	01 02	#L08-002			SAM	Z1			BIT0 SNSE LINE B*	



DRAWING NUMBER 149304-800 STRING UNIT ASSEMBLY NO. 149304 REV G INDEX SSB00B  
 UNIT ASSEMBLY NAME CARD CAGE WIRED, MCU FILE IDENT T39AMCMU DATE 09-02-82 PAGE 245

RECORD NUMBER	FROM				TO				WIRE				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	WIRE	PREFIX	CONNECTOR	PIN	WIRE	MULTI GROUP	CODE	COLOR	IDENT													
18730 09852	P14 XA351	004 25			XA351	25			AG	23D	O		H	SSB00C SSB00C	01 02	#L08-003							BIT0 SNSE LINE C*		
18733 09861	P14 XA351	061 35			XA351	35			AH	23D	O		H	SSB00D SSB00D	01 02	#L08-004								BIT0 SNSE LINE D*	
18735 09878	P14 XA351	007 51			XA351	51			AI	23D	O		H	SSB00E SSB00E	01 02	#L08-005								BIT0 SNSE LINE E*	
18736 09884	P14 XA351	008 57			XA351	57			AJ	23D	O		H	SSB00F SSB00F	01 02	#L08-006								BIT0 SNSE LINE F*	
18739 09900	P14 XA351	065 71			XA351	71			AK	23D	O		H	SSB00H SSB00H	01 02	#L08-007								BIT0 SNSE LINE H*	
18741 09903	P14 XA351	011 74			XA351	74			AL	23D	O		H	SSB00J SSB00J	01 02	#L08-008								BIT0 SNSE LINE J*	
18742 09754	P14 XA350	012 07			XA350	07			AM	23D	O		H	SSB01A SSB01A	01 02	#L08-009								BIT1 SNSE LINE A*	
18745 09761	P14 XA350	069 14			XA350	14			AN	23D	O		H	SSB01B SSB01B	01 02	#L08-010								BIT1 SNSE LINE B*	
18747 09772	P14 XA350	015 25			XA350	25			AP	23D	O		H	SSB01C SSB01C	01 02	#L08-011								BIT1 SNSE LINE C*	
18748 09781	P14 XA350	016 35			XA350	35			AQ	23D	O		H	SSB01D SSB01D	01 02	#L08-012								BIT1 SNSE LINE D*	
18751 09797	P14 XA350	073 51			XA350	51			AR	23D	O		H	SSB01E SSB01E	01 02	#L08-013								BIT1 SNSE LINE E*	
18753 09803	P14 XA350	019 57			XA350	57			AS	23D	O		H	SSB01F SSB01F	01 02	#L08-014								BIT1 SNSE LINE F*	
18754 09817	P14 XA350	020 71			XA350	71			AT	23D	O		H	SSB01H SSB01H	01 02	#L08-015								BIT1 SNSE LINE H*	
18757 09820	P14 XA350	077 74			XA350	74			AU	23D	O		H	SSB01I SSB01J	01 02	#L08-016								BIT1 SNSE LINE J*	
18759 09675	P14 XA349	023 07			XA349	07			AV	23D	O		H	SSB02A SSB02A	01 02	#L08-017								BIT2 SNSE LINE A*	
18760 09682	P14 XA349	024 14			XA349	14			AW	23D	O		H	SSB02B SSB02B	01 02	#L08-018								BIT2 SNSE LINE B*	
									****	SIGNAL		(SSB02C)	IS ON THE NEXT PAGE				****								

DRAWING NUMBER 149304-800 STRING UNIT ASSEMBLY NO. 149304 REV G INDEX SSB02C  
 UNIT ASSEMBLY NAME CARD CAGE WIRED, MCU FILE IDENT T39AMCMU DATE 09-02-82 PAGE 246

RECORD NUMBER	FROM				TO				WIRE				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 FTG	PREFIX	CONNECTOR	PIN	SH FTG	MULTI GROUP	CODE	COLOR	IDENT											
18763 09693	P14 XA349	081 25			XA349	25			AX	23D	0		H	SSB02C SSB02C	01 02	#L08-019		SAM	Z2			BIT2 SNSE LINE C*	
18765 09702	P14 XA349	027 35			XA349	35			AY	23D	0		H	SSB02D SSB02D	01 02	#L08-020		SAM	Z2			BIT2 SNSE LINE D*	
18766 09718	P14 XA349	030 51			XA349	51			AZ	23D	0		H	SSB02E SSB02E	01 02	#L08-021		SAM	Z3			BIT2 SNSE LINE E*	
18769 09724	P14 XA349	087 57			XA349	57			BA	23D	0		H	SSB02F SSB02F	01 02	#L08-022		SAM	Z3			BIT2 SNSE LINE F*	
18771 09738	P14 XA349	033 71			XA349	71			BB	23D	0		H	SSB02H SSB02H	01 02	#L08-023		SAM	Z4			BIT2 SNSE LINE H*	
18772 09741	P14 XA349	034 74			XA349	74			BC	23D	0		H	SSB02J SSB02J	01 02	#L08-024		SAM	Z4			BIT2 SNSE LINE J*	
18775 09596	P14 XA348	091 07			XA348	07			BD	23D	0		H	SSB03A SSB03A	01 02	#L08-025		SAM	Z1			BIT3 SNSE LINE A*	
18777 09603	P14 XA348	037 14			XA348	14			BE	23D	0		H	SSB03B SSB03B	01 02	#L08-026		SAM	Z1			BIT3 SNSE LINE B*	
18778 09614	P14 XA348	038 25			XA348	25			BF	23D	0		H	SSB03C SSB03C	01 02	#L08-027		SAM	Z2			BIT3 SNSE LINE C*	
18781 09623	P14 XA348	095 35			XA348	35			BG	23D	0		H	SSB03D SSB03D	01 02	#L08-028		SAM	Z2			BIT3 SNSE LINE D*	
18783 09639	P14 XA348	041 51			XA348	51			BH	23D	0		H	SSB03E SSB03E	01 02	#L08-029		SAM	Z3			BIT3 SNSE LINE E*	
18784 09645	P14 XA348	042 57			XA348	57			BI	23D	0		H	SSB03F SSB03F	01 02	#L08-030		SAM	Z3			BIT3 SNSE LINE F*	
18787 09659	P14 XA348	099 71			XA348	71			BJ	23D	0		H	SSB03H SSB03H	01 02	#L08-031		SAM	Z4			BIT3 SNSE LINE H*	
18789 09662	P14 XA348	045 74			XA348	74			BK	23D	0		H	SSB03J SSB03J	01 02	#L08-032		SAM	Z4			BIT3 SNSE LINE J*	
18790 09517	P14 XA347	046 07			XA347	07			BL	23D	0		H	SSB04A SSB04A	01 02	#L08-033		SAM	Z1			BIT4 SNSE LINE A*	
18793 09524	P14 XA347	103 14			XA347	14			BM	23D	0		H	SSB04B SSB04B	01 02	#L08-034		SAM	Z1			BIT4 SNSE LINE B*	
18795 09535	P14 XA347	049 25			XA347	25			BN	23D	0		H	SSB04C SSB04C	01 02	#L08-035		SAM	Z2			BIT4 SNSE LINE C*	

DRAWING NUMBER 149304-800 STRING UNIT ASSEMBLY NAME CARD CAGE WIRED, MCU UNIT ASSEMBLY NO. 149304 REV G INDEX SSB04C FILE IDENT T39AMCMU DATE 09-02-82 PAGE 247

RECORD NUMBER	FROM				TO				WIRE				SFC 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	
	PREFIX	CONNECTOR	PIN	IN	PREFIX	CONNECTOR	PIN	IN	MULTI GROUP	CODE	COLOR	IDENT													
18796 09544	P14 XA347	050 35			XA347	35			BP	23D	0		H	SSB04D SSB04D	01 02	#L08-036			SAM	72			BIT4 SNSE LINE D*		
18799 09560	P14 XA347	107 51			XA347	51			BQ	23D	0		H	SSB04E SSB04E	01 02	#L08-037			SAM	73			BIT4 SNSE LINE E*		
18801 09566	P14 XA347	053 57			XA347	57			BR	23D	0		H	SSB04F SSB04F	01 02	#L08-038			SAM	73			BIT4 SNSE LINE F*		
18802 09580	P14 XA347	054 71			XA347	71			BS	23D	0		H	SSB04H SSB04H	01 02	#L08-039			SAM	74			BIT4 SNSE LINE H*		
18805 09583	P14 XA347	111 74			XA347	74			BT	23D	0		H	SSB04J SSB04J	01 02	#L08-040			SAM	74			BIT4 SNSE LINE J*		
18679 04797	P15 XA151	057 07			XA151	07			BU	23D	0		H	SSB05A SSB05A	01 02	#L07-001			SAM	71			BIT5 SNSE LINE A*		
18681 04804	P15 XA151	003 14			XA151	14			BV	23D	0		H	SSB05B SSB05B	01 02	#L07-002			SAM	71			BIT5 SNSE LINE B*		
18682 04815	P15 XA151	004 25			XA151	25			BW	23D	0		H	SSB05C SSB05C	01 02	#L07-003			SAM	72			BIT5 SNSE LINE C*		
18685 04824	P15 XA151	061 35			XA151	35			BX	23D	0		H	SSB05D SSB05D	01 02	#L07-004			SAM	72			BIT5 SNSE LINE D*		
18687 04842	P15 XA151	007 51			XA151	51			BY	23D	0		H	SSB05E SSB05E	01 02	#L07-005			SAM	73			BIT5 SNSE LINE E*		
18688 04848	P15 XA151	008 57			XA151	57			BZ	23D	0		H	SSB05F SSB05F	01 02	#L07-006			SAM	73			BIT5 SNSE LINE F*		
18691 04863	P15 XA151	065 71			XA151	71			CA	23D	0		H	SSB05H SSB05H	01 02	#L07-007			SAM	74			BIT5 SNSE LINE H*		
18693 04866	P15 XA151	011 74			XA151	74			CB	23D	0		H	SSB05J SSB05J	01 02	#L07-008			SAM	74			BIT5 SNSE LINE J*		
18695 04719	P15 XA150	023 07			XA150	07			CC	23D	0		H	SSB06A SSB06A	01 02	#L07-009			SAM	71			BIT6 SNSE LINE A*		
18696 04726	P15 XA150	024 14			XA150	14			CD	23D	0		H	SSB06B SSB06B	01 02	#L07-010			SAM	71			BIT6 SNSE LINE B*		
18699 04737	P15 XA150	081 25			XA150	25			CE	23D	0		H	SSB06C SSB06C	01 02	#L07-011			SAM	72			BIT6 SNSE LINE C*		
									****					SIGNAL		SSB06D							IS ON THE	NEXT PAGE	****

DRAWING NUMBER 149304-800 STRING UNIT ASSEMBLY NO. 149304 REV G INDEX SSB06D  
 UNIT ASSEMBLY NAME CARD CAGE WIRED, MCU FILE IDENT T39AMCMU DATE 09-02-82 PAGE 248

RECORD NUMBER	FROM				TO				WIRE				SIGNAL	SEC NO	EQUATION	TERM	FACTOR	CKT OR CHIP TYPE	GROUP	LOAD OR POWER PLANS	TEST POINTS AND OR	SIGNAL DESCRIPTION	ECO NO
	PREFIX	CONNECTOR	PIN	INFO	PREFIX	CONNECTOR	PIN	INFO	MULTI GROUP	CODE	COLOR	IDENT											
18701 04746	P15 XA150	027 35			XA150	35			CF	23D	0		H	SSB06D SSB06D	01 02	#L07-012		SAM	Z2			BIT6 SNSE LINE D*	
18702 04751	P15 XA150	030 51			XA150	51			CG	23D	0		H	SSB06E SSB06E	01 02	#L07-013		SAM	Z3			BIT6 SNSE LINE E*	
18705 04767	P15 XA150	087 57			XA150	57			CH	23D	0		H	SSB06F SSB06F	01 02	#L07-014		SAM	Z3			BIT6 SNSE LINE F*	
18707 04781	P15 XA150	033 71			XA150	71			CI	23D	0		H	SSB06H SSB06H	01 02	#L07-015		SAM	Z4			BIT6 SNSE LINE H*	
18708 04784	P15 XA150	034 74			XA150	74			CJ	23D	0		H	SSB06J SSB06J	01 02	#L07-016		SAM	Z4			BIT6 SNSE LINE J*	
18710 04640	P15 XA149	046 07			XA149	07			CK	23D	0		H	SSB07A SSB07A	01 02	#L07-017		SAM	Z1			BIT7 SNSE LINE A*	
18713 04647	P15 XA149	103 14			XA149	14			CL	23D	0		H	SSB07B SSB07B	01 02	#L07-018		SAM	Z1			BIT7 SNSE LINE B*	
18715 04658	P15 XA149	049 25			XA149	25			CM	23D	0		H	SSB07C SSB07C	01 02	#L07-019		SAM	Z2			BIT7 SNSE LINE C*	
18716 04667	P15 XA149	050 35			XA149	35			CN	23D	0		H	SSB07D SSB07D	01 02	#L07-020		SAM	Z2			BIT7 SNSE LINE D*	
18719 04683	P15 XA149	107 51			XA149	51			CP	23D	0		H	SSB07E SSB07E	01 02	#L07-021		SAM	Z3			BIT7 SNSE LINE E*	
18721 04689	P15 XA149	053 57			XA149	57			CQ	23D	0		H	SSB07F SSB07F	01 02	#L07-022		SAM	Z3			BIT7 SNSE LINE F*	
18722 04703	P15 XA149	054 71			XA149	71			CR	23D	0		H	SSB07H SSB07H	01 02	#L07-023		SAM	Z4			BIT7 SNSE LINE H*	
18725 04706	P15 XA149	111 74			XA149	74			CS	23D	0		H	SSB07J SSB07J	01 02	#L07-024		SAM	Z4			BIT7 SNSE LINE J*	
18533 07236	P16 XA251	057 07			XA251	07			CT	23D	0		H	SSB08A SSB08A	01 02	#L05-001		SAM	Z1			BIT8 SNSE LINE A*	
18535 07243	P16 XA251	003 14			XA251	14			CU	23D	0		H	SSB08B SSB08B	01 02	#L05-002		SAM	Z1			BIT8 SNSE LINE B*	
18536 07255	P16 XA251	004 25			XA251	25			CV	23D	0		H	SSB08C SSB08C	01 02	#L05-003		SAM	Z2			BIT8 SNSE LINE C*	
18539 07264	P16 XA251	061 35			XA251	35			CW	23D	0		H	SSB08D SSB08D	01 02	#L05-004		SAM	Z2			BIT8 SNSE LINE D*	

DRAWING NUMBER 149304-800 STRING UNIT ASSEMBLY NAME CARD CAGE WIRED, MCU UNIT ASSEMBLY NO. 149304 FILE IDENT T39AMCMU REV G INDEX SSB0BD DATE 09-02-82 PAGE 249

RECORD NUMBER	FROM				TO				WIRE				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	FIN	IN FC	PREFIX	CONNECTOR	FIN	IN FC	MULTI GROUP	CODE	COLOR	IDENT												PREC. LIST
18541 07281	P16 XA251	007 51			XA251	51			CX	23D	0		H	SSB08E SSB08E	01 02	#L05-005			SAM	Z3			BIT8 SNSE LINE E*	
18542 07287	P16 XA251	008 57			XA251	57			CY	23D	0		H	SSB08F SSB08F	01 02	#L05-006			SAM	Z3			BIT8 SNSE LINE E*	
18545 07303	P16 XA251	065 71			XA251	71			CZ	23D	0		H	SSB08H SSB08H	01 02	#L05-007			SAM	Z4			BIT8 SNSE LINE H*	
18547 07306	P16 XA251	011 74			XA251	74			DA	23D	0		H	SSB08J SSB08J	01 02	#L05-008			SAM	Z4			BIT8 SNSE LINE J*	
18548 07157	P16 XA250	012 07			XA250	07			DB	23D	0		H	SSB09A SSB09A	01 02	#L05-009			SAM	Z1			BIT9 SNSE LINE A*	
18551 07164	P16 XA250	069 14			XA250	14			DC	23D	0		H	SSB09B SSB09B	01 02	#L05-010			SAM	Z1			BIT9 SNSE LINE B*	
18553 07175	P16 XA250	015 25			XA250	25			DD	23D	0		H	SSB09C SSB09C	01 02	#L05-011			SAM	Z2			BIT9 SNSE LINE C*	
18554 07184	P16 XA250	016 35			XA250	35			DE	23D	0		H	SSB09D SSB09D	01 02	#L05-012			SAM	Z2			BIT9 SNSE LINE D*	
18557 07200	P16 XA250	073 51			XA250	51			DF	23D	0		H	SSB09E SSB09E	01 02	#L05-013			SAM	Z3			BIT9 SNSE LINE E*	
18559 07206	P16 XA250	019 57			XA250	57			DG	23D	0		H	SSB09F SSB09F	01 02	#L05-014			SAM	Z3			BIT9 SNSE LINE F*	
18560 07220	P16 XA250	020 71			XA250	71			DH	23D	0		H	SSB09H SSB09H	01 02	#L05-015			SAM	Z4			BIT9 SNSE LINE H*	
18563 07223	P16 XA250	077 74			XA250	74			DI	23D	0		H	SSB09J SSB09J	01 02	#L05-016			SAM	Z4			BIT9 SNSE LINE J*	
18565 07078	P16 XA249	023 07			XA249	07			DJ	23D	0		H	SSB10A SSB10A	01 02	#L05-017			SAM	Z1			BIT10 SNSE LINE A*	
18566 07085	P16 XA249	024 14			XA249	14			DK	23D	0		H	SSB10B SSB10B	01 02	#L05-018			SAM	Z1			BIT10 SNSE LINE B*	
18569 07096	P16 XA249	081 25			XA249	25			DL	23D	0		H	SSB10C SSB10C	01 02	#L05-019			SAM	Z2			BIT10 SNSE LINE C*	
18571 07105	P16 XA249	027 35			XA249	35			DM	23D	0		H	SSB10D SSB10D	01 02	#L05-020			SAM	Z2			BIT10 SNSE LINE D*	
									****	SIGNAL				SSB10E		IS ON THE			NEXT PAGE			****		

DRAWING NUMBER 149304-800 STRING UNIT ASSEMBLY NO. 149304 REV G INDEX SSB10E  
 UNIT ASSEMBLY NAME CARD CAGE WIRED, MCU FILE IDENT T39AMCMU DATE 09-02-82 PAGE 250

RECORD NUMBER	FROM			INFO	TO			WIRE				SPEC INST WIRE	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	COLGR	IDENT												
18572 07121	P16 XA249	030 51			XA249	51		DN	23D	0		H SSB10E SSB10E	01 02	#L05-021			SAM	Z3				BIT10 SNSE LINE E*	
18575 07127	P16 XA249	087 57			XA249	57		DP	23D	0		H SSB10F SSB10F	01 02	#L05-022			SAM	Z3				BIT10 SNSE LINE F*	
18577 07141	P16 XA249	033 71			XA249	71		DQ	23D	0		H SSB10H SSB10H	01 02	#L05-023			SAM	Z4				BIT10 SNSE LINE H*	
18578 07144	P16 XA249	034 74			XA249	74		DR	23D	0		H SSB10J SSB10J	01 02	#L05-024			SAM	Z4				BIT10 SNSE LINE J*	
18581 06999	P16 XA248	091 07			XA248	07		DS	23D	0		H SSB11A SSB11A	01 02	#L05-025			SAM	Z1				BIT11 SNSE LINE A*	
18583 07006	P16 XA248	037 14			XA248	14		DT	23D	0		H SSB11B SSB11B	01 02	#L05-026			SAM	Z1				BIT11 SNSE LINE B*	
18584 07017	P16 XA248	038 25			XA248	25		DU	23D	0		H SSB11C SSB11C	01 02	#L05-027			SAM	Z2				BIT11 SNSE LINE C*	
18587 07026	P16 XA248	095 35			XA248	35		DV	23D	0		H SSB11D SSB11D	01 02	#L05-028			SAM	Z2				BIT11 SNSE LINE D*	
18589 07042	P16 XA248	041 51			XA248	51		DW	23D	0		H SSB11E SSB11E	01 02	#L05-029			SAM	Z3				BIT11 SNSE LINE E*	
18590 07048	P16 XA248	042 57			XA248	57		DX	23D	0		H SSB11F SSB11F	01 02	#L05-030			SAM	Z3				BIT11 SNSE LINE F*	
18593 07062	P16 XA248	099 71			XA248	71		DY	23D	0		H SSB11H SSB11H	01 02	#L05-031			SAM	Z4				BIT11 SNSE LINE H*	
18595 07065	P16 XA248	045 74			XA248	74		DZ	23D	0		H SSB11J SSB11J	01 02	#L05-032			SAM	Z4				BIT11 SNSE LINE J*	
18596 06920	P16 XA247	046 07			XA247	07		EA	23D	0		H SSB12A SSB12A	01 02	#L05-033			SAM	Z1				BIT12 SNSE LINE A*	
18599 06927	P16 XA247	103 14			XA247	14		EB	23D	0		H SSB12B SSB12B	01 02	#L05-034			SAM	Z1				BIT12 SNSE LINE B*	
18601 06938	P16 XA247	049 25			XA247	25		EC	23D	0		H SSB12C SSB12C	01 02	#L05-035			SAM	Z2				BIT12 SNSE LINE C*	
18602 06947	P16 XA247	050 35			XA247	35		ED	23D	0		H SSB12D SSB12D	01 02	#L05-036			SAM	Z2				BIT12 SNSE LINE D*	
18605 06963	P16 XA247	107 51			XA247	51		EE	23D	0		H SSB12E SSB12E	01 02	#L05-037			SAM	Z3				BIT12 SNSE LINE E*	

DRAWING NUMBER 149304-800 STRING UNIT ASSEMBLY NO. 149304 REV G INDEX SSB12E  
 UNIT ASSEMBLY NAME CARD CAGE WIRED, MCU FILE IDENT T39AMCMU DATE 09-02-82 PAGE 251

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	REF	PREFIX	CONNECTOR	PIN	REF	MULTI GROUP	CODE	COLOR	IDENT												SPEC INST
18607 06969		P16 XA247	053 57			XA247	57		EF	23D	0		H	SSB12F SSB12F	01 02	#L05-038			SAM	73			BIT12 SNSE LINE F*	
18608 06983		P16 XA247	054 71			XA247	71		EG	23D	0		H	SSB12H SSB12H	01 02	#L05-039			SAM	74			BIT12 SNSE LINE H*	
18611 06986		P16 XA247	111 74			XA247	74		EH	23D	0		H	SSB12J SSB12J	01 02	#L05-040			SAM	74			BIT12 SNSE LINE J*	
18612 13298		P17 XA451	012 07			XA451	07		EI	23D	0		H	SSB13A SSB13A	01 02	#L06-001			SAM	21			BIT13 SNSE LINE A*	
18615 13305		P17 XA451	069 14			XA451	14		EJ	23D	0		H	SSB13B SSB13B	01 02	#L06-002			SAM	71			BIT13 SNSE LINE B*	
18617 13317		P17 XA451	015 25			XA451	25		EK	23D	0		H	SSB13C SSB13C	01 02	#L06-003			SAM	22			BIT13 SNSE LINE C*	
18618 13326		P17 XA451	016 35			XA451	35		EL	23D	0		H	SSB13D SSB13D	01 02	#L06-004			SAM	72			BIT13 SNSE LINE D*	
18621 13342		P17 XA451	073 51			XA451	51		EM	23D	0		H	SSB13E SSB13E	01 02	#L06-005			SAM	23			BIT13 SNSE LINE E*	
18623 13348		P17 XA451	019 57			XA451	57		EN	23D	0		H	SSB13F SSB13F	01 02	#L06-006			SAM	73			BIT13 SNSE LINE F*	
18624 13362		P17 XA451	020 71			XA451	71		EP	23D	0		H	SSB13H SSB13H	01 02	#L06-007			SAM	24			BIT13 SNSE LINE H*	
18627 13365		P17 XA451	077 74			XA451	74		EQ	23D	0		H	SSB13J SSB13J	01 02	#L06-008			SAM	74			BIT13 SNSE LINE J*	
18629 13219		P17 XA450	023 07			XA450	07		ER	23D	0		H	SSB14A SSB14A	01 02	#L06-009			SAM	21			BIT14 SNSE LINE A*	
18630 13226		P17 XA450	024 14			XA450	14		ES	23D	0		H	SSB14B SSB14B	01 02	#L06-010			SAM	71			BIT14 SNSE LINE B*	
18633 13237		P17 XA450	081 25			XA450	25		ET	23D	0		H	SSB14C SSB14C	01 02	#L06-011			SAM	22			BIT14 SNSE LINE C*	
18635 13246		P17 XA450	027 35			XA450	35		EU	23D	0		H	SSB14D SSB14D	01 02	#L06-012			SAM	22			BIT14 SNSE LINE D*	
18636 13262		P17 XA450	030 51			XA450	51		EV	23D	0		H	SSB14E SSB14E	01 02	#L06-013			SAM	23			BIT14 SNSE LINE E*	
									****	SIGNAL				SSB14F		IS ON THE							NEXT PAGE	****

DRAWING NUMBER 149304-800 STRING UNIT ASSEMBLY NO. 149304 REV G INDEX SSB14F  
 UNIT ASSEMBLY NAME CARD CAGE WIRED, MCU FILE IDENT T39AMCMU DATE 09-02-82 PAGE 252

RECORD NUMBER	FROM			SIZE	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		PREFIX	CONNECTOR	PIN	MULTI GROUP	CODE	COLOR	IDENT	SPEC INST												
18639 13268		P17 XA450	087 57			XA450	57		EW	23D	0		H	SSB14F SSB14F	01 02	#L06-014			SAM	Z3			BIT14 SNSE LINE F*	
18641 13282		P17 XA450	033 71			XA450	71		EX	23D	0		H	SSB14H SSB14H	01 02	#L06-015			SAM	Z4			BIT14 SNSE LINE H*	
18642 13285		P17 XA450	034 74			XA450	74		EY	23D	0		H	SSB14J SSB14J	01 02	#L06-016			SAM	Z4			BIT14 SNSE LINE J*	
18645 13140		P17 XA449	091 07			XA449	07		EZ	23D	0		H	SSB15A SSB15A	01 02	#L06-017			SAM	Z1			BIT15 SNSE LINE A*	
18647 13147		P17 XA449	037 14			XA449	14		FA	23D	0		H	SSB15B SSB15B	01 02	#L06-018			SAM	Z1			BIT15 SNSE LINE B*	
18648 13158		P17 XA449	038 25			XA449	25		FB	23D	0		H	SSB15C SSB15C	01 02	#L06-019			SAM	Z2			BIT15 SNSE LINE C*	
18651 13167		P17 XA449	095 35			XA449	35		FC	23D	0		H	SSB15D SSB15D	01 02	#L06-020			SAM	Z2			BIT15 SNSE LINE D*	
18653 13183		P17 XA449	041 51			XA449	51		FD	23D	0		H	SSB15E SSB15E	01 02	#L06-021			SAM	Z3			BIT15 SNSE LINE E*	
18654 13189		P17 XA449	042 57			XA449	57		FE	23D	0		H	SSB15F SSB15F	01 02	#L06-022			SAM	Z3			BIT15 SNSE LINE F*	
18657 13203		P17 XA449	099 71			XA449	71		FF	23D	0		H	SSB15H SSB15H	01 02	#L06-023			SAM	Z4			BIT15 SNSE LINE H*	
18659 13206		P17 XA449	045 74			XA449	74		FG	23D	0		H	SSB15J SSB15J	01 02	#L06-024			SAM	Z4			BIT15 SNSE LINE J*	
18660 13061		P17 XA448	046 07			XA448	07		FH	23D	0		H	SSB16A SSB16A	01 02	#L06-025			SAM	Z1			BIT16 SNSE LINE A*	
18663 13068		P17 XA448	103 14			XA448	14		FI	23D	0		H	SSB16B SSB16B	01 02	#L06-026			SAM	Z1			BIT16 SNSE LINE B*	
18665 13079		P17 XA448	049 25			XA448	25		FJ	23D	0		H	SSB16C SSB16C	01 02	#L06-027			SAM	Z2			BIT16 SNSE LINE C*	
18666 13088		P17 XA448	050 35			XA448	35		FK	23D	0		H	SSB16D SSB16D	01 02	#L06-028			SAM	Z2			BIT16 SNSE LINE D*	
18669 13104		P17 XA448	107 51			XA448	51		FL	23D	0		H	SSB16E SSB16E	01 02	#L06-029			SAM	Z3			BIT16 SNSE LINE E*	
18671 13110		P17 XA448	053 57			XA448	57		FM	23D	0		H	SSB16F SSB16F	01 02	#L06-030			SAM	Z3			BIT16 SNSE LINE F*	



DRAWING NUMBER 149304-800 STRING UNIT ASSEMBLY NAME CARD CAGE WIRED, MCU UNIT ASSEMBLY NO. 149304 REV G INDEX SSB16F FILE IDENT T39AMCMU DATE 09-02-82 PAGE 253

RECORD NUMBER	FROM			TO			WIRE				SPE. 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	
	PREFIX	CONNECTOR	PIN	PREFIX	CONNECTOR	PIN	RE	MULTI GROUP	CODE	COLOR												IDENT
18672 13124	P17 XA448	054 71		XA448	71			FN	23D	0		H SSB16H SSB16H	01 02	#L06-031							BIT16 SNSE LINE H*	
18675 13127	P17 XA448	111 74		XA448	74			FP	23D	0		H SSB16J SSB16J	01 02	#L06-032							BIT16 SNSE LINE J*	
18453 12982	P18 XA447	057 07		XA447	07			FQ	23D	0		H SSB17A SSB17A	01 02	#L04-001							BIT17 SNSE LINE A*	
18455 12989	P18 XA447	003 14		XA447	14			FR	23D	0		H SSB17B SSB17B	01 02	#L04-002							BIT17 SNSE LINE B*	
18456 13000	P18 XA447	004 25		XA447	25			FS	23D	0		H SSB17C SSB17C	01 02	#L04-003							BIT17 SNSE LINE C*	
18459 13009	P18 XA447	061 35		XA447	35			FT	23D	0		H SSB17D SSB17D	01 02	#L04-004							BIT17 SNSE LINE D*	
18461 13025	P18 XA447	007 51		XA447	51			FU	23D	0		H SSB17E SSB17E	01 02	#L04-005							BIT17 SNSE LINE E*	
18462 13031	P18 XA447	008 57		XA447	57			FV	23D	0		H SSB17F SSB17F	01 02	#L04-006							BIT17 SNSE LINE F*	
18465 13045	P18 XA447	065 71		XA447	71			FW	23D	0		H SSB17H SSB17H	01 02	#L04-007							BIT17 SNSE LINE H*	
18467 13048	P18 XA447	011 74		XA447	74			FX	23D	0		H SSB17J SSB17J	01 02	#L04-008							BIT17 SNSE LINE J*	
18468 12903	P18 XA446	012 07		XA446	07			FY	23D	0		H SSB18A SSB18A	01 02	#L04-009							BIT18 SNSE LINE A*	
18471 12910	P18 XA446	069 14		XA446	14			FZ	23D	0		H SSB18B SSB18B	01 02	#L04-010							BIT18 SNSE LINE B*	
18473 12921	P18 XA446	015 25		XA446	25			GA	23D	0		H SSB18C SSB18C	01 02	#L04-011							BIT18 SNSE LINE C*	
18474 12930	P18 XA446	016 35		XA446	35			GB	23D	0		H SSB18D SSB18D	01 02	#L04-012							BIT18 SNSE LINE D*	
18477 12946	P18 XA446	073 51		XA446	51			GC	23D	0		H SSB18E SSB18E	01 02	#L04-013							BIT18 SNSE LINE E*	
18479 12952	P18 XA446	019 57		XA446	57			GD	23D	0		H SSB18F SSB18F	01 02	#L04-014							BIT18 SNSE LINE F*	
								***	SIGNAL			ISSB18H		IS ON THE	NEXT PAGE	****						

DRAWING NUMBER 149304-800 STRING UNIT ASSEMBLY NO. 149304 REV G INDEX SSB18H  
 UNIT ASSEMBLY NAME CARD CAGE WIRED, MCU FILE IDENT T39AMCMU DATE 09-02-82 PAGE 254

RECORD NUMBER	FROM				TO				WIRE				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	NO	PREFIX	CONNECTOR	PIN	NO	MULTI GROUP	CODE	COLOR	IDENT											
18480 12966	P18 XA446	020 71			XA446	71			GE	23D	O		H	SSB18H SSB18H	01 02	#L04-015		SAM	Z4			BIT18 SNSE LINE H*	
18483 12969	P18 XA446	077 74			XA446	74			GF	23D	O		H	SSB18J SSB18J	01 02	#L04-016		SAM	Z4			BIT18 SNSE LINE J*	
18485 12824	P18 XA445	023 07			XA445	07			GG	23D	O		H	SSB19A SSB19A	01 02	#L04-017		SAM	Z1			BIT19 SNSE LINE A*	
18486 12831	P18 XA445	024 14			XA445	14			GH	23D	O		H	SSB19B SSB19B	01 02	#L04-018		SAM	Z1			BIT19 SNSE LINE B*	
18489 12842	P18 XA445	081 25			XA445	25			GI	23D	O		H	SSB19C SSB19C	01 02	#L04-019		SAM	Z2			BIT19 SNSE LINE C*	
18491 12851	P18 XA445	027 35			XA445	35			GJ	23D	O		H	SSB19D SSB19D	01 02	#L04-020		SAM	Z2			BIT19 SNSE LINE D*	
18492 12867	P18 XA445	030 51			XA445	51			GK	23D	O		H	SSB19E SSB19E	01 02	#L04-021		SAM	Z3			BIT19 SNSE LINE E*	
18495 12873	P18 XA445	087 57			XA445	57			GL	23D	O		H	SSB19F SSB19F	01 02	#L04-022		SAM	Z3			BIT19 SNSE LINE F*	
18497 12887	P18 XA445	033 71			XA445	71			GM	23D	O		H	SSB19H SSB19H	01 02	#L04-023		SAM	Z4			BIT19 SNSE LINE H*	
18498 12890	P18 XA445	034 74			XA445	74			GN	23D	O		H	SSB19J SSB19J	01 02	#L04-024		SAM	Z4			BIT19 SNSE LINE J*	
18501 12745	P18 XA444	091 07			XA444	07			GP	23D	O		H	SSB20A SSB20A	01 02	#L04-025		SAM	Z1			BIT20 SNSE LINE A*	
18503 12752	P18 XA444	037 14			XA444	14			GQ	23D	O		H	SSB20B SSB20B	01 02	#L04-026		SAM	Z1			BIT20 SNSE LINE B*	
18504 12763	P18 XA444	038 25			XA444	25			GR	23D	O		H	SSB20C SSB20C	01 02	#L04-027		SAM	Z2			BIT20 SNSE LINE C*	
18507 12772	P18 XA444	095 35			XA444	35			GS	23D	O		H	SSB20D SSB20D	01 02	#L04-028		SAM	Z2			BIT20 SNSE LINE D*	
18509 12788	P18 XA444	041 51			XA444	51			GT	23D	O		H	SSB20E SSB20E	01 02	#L04-029		SAM	Z3			BIT20 SNSE LINE E*	
18510 12794	P18 XA444	042 57			XA444	57			GU	23D	O		H	SSB20F SSB20F	01 02	#L04-030		SAM	Z3			BIT20 SNSE LINE F*	
18513 12808	P18 XA444	099 71			XA444	71			GV	23D	O		H	SSB20H SSB20H	01 02	#L04-031		SAM	Z4			BIT20 SNSE LINE H*	

DRAWING NUMBER 149304-800 STRING UNIT ASSEMBLY NO. 149304 REV G INDEX SSB20H  
 UNIT ASSEMBLY NAME CARD CAGE WIRED, MCU FILE IDENT T39AMCMU DATE 09-02-82 PAGE 255

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	SN FS	PREFIX	CONNECTOR	PIN	SN FS	MULTI GROUP	CODE	COLOR	IDENT											SPC INST MISC	
18515 12811	P18 XA444	045 74			XA444	74			GW	23D	0		H	SSB20J SSB20J	01 02	#L04-032						BIT20 SNSE LINE J*		
18516 12664	P18 XA443	046 07			XA443	07			GX	23D	0		H	SSB21A SSB21A	01 02	#L04-033							BIT21 SNSE LINE A*	
18519 12671	P18 XA443	103 14			XA443	14			GY	23D	0		H	SSB21B SSB21B	01 02	#L04-034							BIT21 SNSE LINE B*	
18521 12682	P18 XA443	049 25			XA443	25			GZ	23D	0		H	SSB21C SSB21C	01 02	#L04-035							BIT21 SNSE LINE C*	
18522 12691	P18 XA443	050 35			XA443	35			HA	23D	0		H	SSB21D SSB21D	01 02	#L04-036							BIT21 SNSE LINE D*	
18525 12708	P18 XA443	107 51			XA443	51			HB	23D	0		H	SSB21E SSB21E	01 02	#L04-037							BIT21 SNSE LINE E*	
18527 12714	P18 XA443	053 57			XA443	57			HC	23D	0		H	SSB21F SSB21F	01 02	#L04-038							BIT21 SNSE LINE F*	
18528 12729	P18 XA443	054 71			XA443	71			HD	23D	0		H	SSB21H SSB21H	01 02	#L04-039							BIT21 SNSE LINE H*	
18531 12732	P18 XA443	111 74			XA443	74			HE	23D	0		H	SSB21J SSB21J	01 02	#L04-040							BIT21 SNSE LINE J*	
18388 06838	P19 XA246	012 07			XA246	07			HF	23D	0		H	SSB22A SSB22A	01 02	#L03-001							BIT22 SNSE LINE A*	
18391 06845	P19 XA246	069 14			XA246	14			HG	23D	0		H	SSB22B SSB22B	01 02	#L03-002							BIT22 SNSE LINE B*	
18393 06856	P19 XA246	015 25			XA246	25			HH	23D	0		H	SSB22C SSB22C	01 02	#L03-003							BIT22 SNSE LINE C*	
18394 06865	P19 XA246	016 35			XA246	35			HI	23D	0		H	SSB22D SSB22D	01 02	#L03-004							BIT22 SNSE LINE D*	
18397 06882	P19 XA246	073 51			XA246	51			HJ	23D	0		H	SSB22E SSB22E	01 02	#L03-005							BIT22 SNSE LINE E*	
18399 06888	P19 XA246	019 57			XA246	57			HK	23D	0		H	SSB22F SSB22F	01 02	#L03-006							BIT22 SNSE LINE F*	
18400 06904	P19 XA246	020 71			XA246	71			HL	23D	0		H	SSB22H SSB22H	01 02	#L03-007							BIT22 SNSE LINE H*	
												****	SIGNAL	SSB22J	IS ON THE NEXT PAGE				****					

DRAWING NUMBER 149304-800 STRING UNIT ASSEMBLY NO. 149304 REV G INDEX SSB22J  
 UNIT ASSEMBLY NAME CARD CAGE WIRED, MCU FILE IDENT T39AMCMU DATE 09-02-82 PAGE 256

RECORD NUMBER	FROM				TO				WIRE				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	OR	PREFIX	CONNECTOR	PIN	OR	MULTI GROUP	CODE	COLOR	IDENT											
18403 06907	P19 XA246	077 74			XA246	74			HM	23D	O		H	SSB22J SSB22J	01 02	#L03-008			SAM	Z4		BIT22 SNSE LINE J*	
18405 06759	P19 XA245	023 07			XA245	07			HN	23D	O		H	SSB23A SSB23A	01 02	#L03-009			SAM	Z1		BIT23 SNSE LINE A*	
18406 06766	P19 XA245	024 14			XA245	14			HP	23D	O		H	SSB23B SSB23B	01 02	#L03-010			SAM	Z1		BIT23 SNSE LINE B*	
18409 06777	P19 XA245	081 25			XA245	25			HQ	23D	O		H	SSB23C SSB23C	01 02	#L03-011			SAM	Z2		BIT23 SNSE LINE C*	
18411 06786	P19 XA245	027 35			XA245	35			HR	23D	O		H	SSB23D SSB23D	01 02	#L03-012			SAM	Z2		BIT23 SNSE LINE D*	
18412 06802	P19 XA245	030 51			XA245	51			HS	23D	O		H	SSB23E SSB23E	01 02	#L03-013			SAM	Z3		BIT23 SNSE LINE E*	
18415 06808	P19 XA245	087 57			XA245	57			HT	23D	O		H	SSB23F SSB23F	01 02	#L03-014			SAM	Z3		BIT23 SNSE LINE F*	
18417 06822	P19 XA245	033 71			XA245	71			HU	23D	O		H	SSB23H SSB23H	01 02	#L03-015			SAM	Z4		BIT23 SNSE LINE H*	
18418 06825	P19 XA245	034 74			XA245	74			HV	23D	O		H	SSB23J SSB23J	01 02	#L03-016			SAM	Z4		BIT23 SNSE LINE J*	
18421 06680	P19 XA244	091 07			XA244	07			HW	23D	O		H	SSB24A SSB24A	01 02	#L03-017			SAM	Z1		BIT24 SNSE LINE A*	
18423 06687	P19 XA244	037 14			XA244	14			HX	23D	O		H	SSB24B SSB24B	01 02	#L03-018			SAM	Z1		BIT24 SNSE LINE B*	
18424 06698	P19 XA244	038 25			XA244	25			HY	23D	O		H	SSB24C SSB24C	01 02	#L03-019			SAM	Z2		BIT24 SNSE LINE C*	
18427 06707	P19 XA244	095 35			XA244	35			HZ	23D	O		H	SSB24D SSB24D	01 02	#L03-020			SAM	Z2		BIT24 SNSE LINE D*	
18429 06723	P19 XA244	041 51			XA244	51			IA	23D	O		H	SSB24E SSB24E	01 02	#L03-021			SAM	Z3		BIT24 SNSE LINE E*	
18430 06729	P19 XA244	042 57			XA244	57			IB	23D	O		H	SSB24F SSB24F	01 02	#L03-022			SAM	Z3		BIT24 SNSE LINE F*	
18433 06743	P19 XA244	099 71			XA244	71			IC	23D	O		H	SSB24H SSB24H	01 02	#L03-023			SAM	Z4		BIT24 SNSE LINE H*	
18435 06746	P19 XA244	045 74			XA244	74			ID	23D	O		H	SSB24J SSB24J	01 02	#L03-024			SAM	Z4		BIT24 SNSE LINE J*	

DRAWING NUMBER 149304-800 STRING UNIT ASSEMBLY NAME CARD CAGE WIRED, MCU UNIT ASSEMBLY NO. 149304 REV G INDEX SSB24J FILE IDENT T39AMCMU DATE 09-02-82 PAGE 257

RECORD NUMBER	FROM			INFO	TO			WIRE				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
	PREFIX	CONNECTOR	PIH		PREFIX	CONNECTOR	PIH	MULTI GROUP	CODE	COLOR	IDENT												
18436 06600		P19 XA243	046 07		XA243	07		IE	23D	0		H	SSB25A SSB25A	01 02	#L03-025			SAM	Z1			BIT25 SNSE LINE A*	
18439 06608		P19 XA243	103 14		XA243	14		IF	23D	0		H	SSB25B SSB25B	01 02	#L03-026			SAM	Z1			BIT25 SNSE LINE B*	
18441 06619		P19 XA243	049 25		XA243	25		IG	23D	0		H	SSB25C SSB25C	01 02	#L03-027			SAM	Z2			BIT25 SNSE LINE C*	
18442 06628		P19 XA243	050 35		XA243	35		IH	23D	0		H	SSB25D SSB25D	01 02	#L03-028			SAM	Z2			BIT25 SNSE LINE D*	
18445 06644		P19 XA243	107 51		XA243	51		II	23D	0		H	SSB25E SSB25E	01 02	#L03-029			SAM	Z3			BIT25 SNSE LINE E*	
18447 06650		P19 XA243	053 57		XA243	57		IJ	23D	0		H	SSB25F SSB25F	01 02	#L03-030			SAM	Z3			BIT25 SNSE LINE F*	
18448 06664		P19 XA243	054 71		XA243	71		IK	23D	0		H	SSB25H SSB25H	01 02	#L03-031			SAM	Z4			BIT25 SNSE LINE H*	
18451 06667		P19 XA243	111 74		XA243	74		IL	23D	0		H	SSB25J SSB25J	01 02	#L03-032			SAM	Z4			BIT25 SNSE LINE J*	
18277 04561		P20 XA148	057 07		XA148	07		IM	23D	0		H	SSB26A SSB26A	01 02	#L01-001			SAM	Z1			BIT26 SNSE LINE A*	
18279 04568		P20 XA148	003 14		XA148	14		IN	23D	0		H	SSB26B SSB26B	01 02	#L01-002			SAM	Z1			BIT26 SNSE LINE B*	
18280 04579		P20 XA148	004 25		XA148	25		IP	23D	0		H	SSB26C SSB26C	01 02	#L01-003			SAM	Z2			BIT26 SNSE LINE C*	
18283 04588		P20 XA148	061 35		XA148	35		IQ	23D	0		H	SSB26D SSB26D	01 02	#L01-004			SAM	Z2			BIT26 SNSE LINE D*	
18285 04604		P20 XA148	007 51		XA148	51		IR	23D	0		H	SSB26E SSB26E	01 02	#L01-005			SAM	Z3			BIT26 SNSE LINE E*	
18286 04610		P20 XA148	008 57		XA148	57		IS	23D	0		H	SSB26F SSB26F	01 02	#L01-006			SAM	Z3			BIT26 SNSE LINE F*	
18289 04624		P20 XA148	065 71		XA148	71		IT	23D	0		H	SSB26H SSB26H	01 02	#L01-007			SAM	Z4			BIT26 SNSE LINE H*	
18291 04627		P20 XA148	011 74		XA148	74		IU	23D	0		H	SSB26J SSB26J	01 02	#L01-008			SAM	Z4			BIT26 SNSE LINE J*	
								***	SIGNAL				SSB27A		IS ON THE	NEXT PAGE	****						

DRAWING NUMBER 149304-800 STRING UNIT ASSEMBLY NO. 149304 REV G INDEX SSB27A  
 UNIT ASSEMBLY NAME CARD CAGE WIRED, MCU FILE IDENT T39AMCMU DATE 09-02-82 PAGE 258

RECORD NUMBER	FROM				TO				WIRE				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	BRFC	PREFIX	CONNECTOR	PIN	BRFC	MULTI GROUP	CODE	COLOR	IDENT											
18293 04482	P20 XA147	023 07			XA147	07			IV	23D	0		H	SSB27A SSB27A	01 02	#L01-009		SAM	Z1			BIT27 SNSE LINE A*	
18294 04489	P20 XA147	024 14			XA147	14			IW	23D	0		H	SSB27B SSB27B	01 02	#L01-010		SAM	Z1			BIT27 SNSE LINE B*	
18297 04500	P20 XA147	081 25			XA147	25			IX	23D	0		H	SSB27C SSB27C	01 02	#L01-011		SAM	Z2			BIT27 SNSE LINE C*	
18299 04509	P20 XA147	027 35			XA147	35			IY	23D	0		H	SSB27D SSB27D	01 02	#L01-012		SAM	Z2			BIT27 SNSE LINE D*	
18300 04525	P20 XA147	030 51			XA147	51			IZ	23D	0		H	SSB27E SSB27E	01 02	#L01-013		SAM	Z3			BIT27 SNSE LINE E*	
18303 04531	P20 XA147	087 57			XA147	57			JA	23D	0		H	SSB27F SSB27F	01 02	#L01-014		SAM	Z3			BIT27 SNSE LINE F*	
18305 04545	P20 XA147	033 71			XA147	71			JB	23D	0		H	SSB27H SSB27H	01 02	#L01-015		SAM	Z4			BIT27 SNSE LINE H*	
18306 04548	P20 XA147	034 74			XA147	74			JC	23D	0		H	SSB27J SSB27J	01 02	#L01-016		SAM	Z4			BIT27 SNSE LINE J*	
18308 04400	P20 XA146	046 07			XA146	07			JD	23D	0		H	SSB28A SSB28A	01 02	#L01-017		SAM	Z1			BIT28 SNSE LINE A*	
18311 04407	P20 XA146	103 14			XA146	14			JE	23D	0		H	SSB28B SSB28B	01 02	#L01-018		SAM	Z1			BIT28 SNSE LINE B*	
18313 04418	P20 XA146	049 25			XA146	25			JF	23D	0		H	SSB28C SSB28C	01 02	#L01-019		SAM	Z2			BIT28 SNSE LINE C*	
18314 04427	P20 XA146	050 35			XA146	35			JG	23D	0		H	SSB28D SSB28D	01 02	#L01-020		SAM	Z2			BIT28 SNSE LINE D*	
18317 04444	P20 XA146	107 51			XA146	51			JH	23D	0		H	SSB28E SSB28E	01 02	#L01-021		SAM	Z3			BIT28 SNSE LINE E*	
18319 04450	P20 XA146	053 57			XA146	57			JI	23D	0		H	SSB28F SSB28F	01 02	#L01-022		SAM	Z3			BIT28 SNSE LINE F*	
18320 04466	P20 XA146	054 71			XA146	71			JJ	23D	0		H	SSB28H SSB28H	01 02	#L01-023		SAM	Z4			BIT28 SNSE LINE H*	
18323 04469	P20 XA146	111 74			XA146	74			JK	23D	0		H	SSB28J SSB28J	01 02	#L01-024		SAM	Z4			BIT28 SNSE LINE J*	
18325 09438	P21 XA346	057 07			XA346	07			JL	23D	0		H	SSB29A SSB29A	01 02	#L02-001		SAM	Z1			BIT29 SNSE LINE A*	

DRAWING NUMBER 149304-800 STRING UNIT ASSEMBLY NO. 149304 REV G INDEX SSB29A  
 UNIT ASSEMBLY NAME CARD CAGE WIRED, MCU FILE IDENT T39AMCMU DATE 09-02-82 PAGE 259

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	PIK	WIRE	PREFIX	CONNECTOR	PIK	WIRE	MULTI GROUP	CODE	COLOR	IDENT												
18327 09445	P21 XA346	003 14			XA346	14			JM	23D	0		H	SSB29B SSB29B	01 02	#L02-002			SAM	Z1			BIT29 SNSE LINE B*	
18328 09456	P21 XA346	004 25			XA346	25			JN	23D	0		H	SSB29C SSB29C	01 02	#L02-003			SAM	Z2			BIT29 SNSE LINE C*	
18331 09465	P21 XA346	061 35			XA346	35			JP	23D	0		H	SSB29D SSB29D	01 02	#L02-004			SAM	Z2			BIT29 SNSE LINE D*	
18333 09481	P21 XA346	007 51			XA346	51			JQ	23D	0		H	SSB29E SSB29E	01 02	#L02-005			SAM	Z3			BIT29 SNSE LINE E*	
18334 09487	P21 XA346	008 57			XA346	57			JR	23D	0		H	SSB29F SSB29F	01 02	#L02-006			SAM	Z3			BIT29 SNSE LINE F*	
18337 09501	P21 XA346	065 71			XA346	71			JS	23D	0		H	SSB29H SSB29H	01 02	#L02-007			SAM	Z4			BIT29 SNSE LINE H*	
18339 09504	P21 XA346	011 74			XA346	74			JT	23D	0		H	SSB29J SSB29J	01 02	#L02-008			SAM	Z4			BIT29 SNSE LINE J*	
18341 09359	P21 XA345	023 07			XA345	07			JU	23D	0		H	SSB30A SSB30A	01 02	#L02-009			SAM	Z1			BIT30 SNSE LINE A*	
18342 09366	P21 XA345	024 14			XA345	14			JV	23D	0		H	SSB30B SSB30B	01 02	#L02-010			SAM	Z1			BIT30 SNSE LINE B*	
18345 09377	P21 XA345	081 25			XA345	25			JW	23D	0		H	SSB30C SSB30C	01 02	#L02-011			SAM	Z2			BIT30 SNSE LINE C*	
18347 09386	P21 XA345	027 35			XA345	35			JX	23D	0		H	SSB30D SSB30D	01 02	#L02-012			SAM	Z2			BIT30 SNSE LINE D*	
18348 09402	P21 XA345	030 51			XA345	51			JY	23D	0		H	SSB30E SSB30E	01 02	#L02-013			SAM	Z3			BIT30 SNSE LINE E*	
18351 09408	P21 XA345	087 57			XA345	57			JZ	23D	0		H	SSB30F SSB30F	01 02	#L02-014			SAM	Z3			BIT30 SNSE LINE F*	
18353 09422	P21 XA345	033 71			XA345	71			KA	23D	0		H	SSB30H SSB30H	01 02	#L02-015			SAM	Z4			BIT30 SNSE LINE H*	
18354 09425	P21 XA345	034 74			XA345	74			KB	23D	0		H	SSB30J SSB30J	01 02	#L02-016			SAM	Z4			BIT30 SNSE LINE J*	
18357 09280	P21 XA344	091 07			XA344	07			KC	23D	0		H	SSB31A SSB31A	01 02	#L02-017			SAM	Z1			BIT31 SNSE LINE A*	
									****	SIGNAL				SSB31B		IS ON THE	NEXT PAGE	****						

DRAWING NUMBER 149304-800 STRING UNIT ASSEMBLY NAME CARD CAGE WIRED, MCU UNIT ASSEMBLY NO. 149304 FILE IDENT T39AMCMU REV G INDEX SSB31B DATE 09-02-82 PAGE 260

RECORD NUMBER	FROM				TO				WIRE				SFC 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	
	PREFIX	CONNECTOR	PIN	SH	PREFIX	CONNECTOR	PIN	SH	MULTI GROUP	CODE	COLOR	IDENT													
18359 09287	P21 XA344	037 14			XA344	14			KD	23D	O		H	SSB31B SSB31B	01 02	#L02-018			SAM	Z1			BIT31 SNSE LINE B*		
18360 09298	P21 XA344	038 25			XA344	25			KE	23D	O		H	SSB31C SSB31C	01 02	#L02-019			SAM	Z2			BIT31 SNSE LINE C*		
18363 09307	P21 XA344	095 35			XA344	35			KF	23D	O		H	SSB31D SSB31D	01 02	#L02-020			SAM	Z2			BIT31 SNSE LINE D*		
18365 09323	P21 XA344	041 51			XA344	51			KG	23D	O		H	SSB31E SSB31E	01 02	#L02-021			SAM	Z3			BIT31 SNSE LINE E*		
18366 09329	P21 XA344	042 57			XA344	57			KH	23D	O		H	SSB31F SSB31F	01 02	#L02-022			SAM	Z3			BIT31 SNSE LINE F*		
18369 09343	P21 XA344	099 71			XA344	71			KI	23D	O		H	SSB31H SSB31H	01 02	#L02-023			SAM	Z4			BIT31 SNSE LINE H*		
18371 09346	P21 XA344	045 74			XA344	74			KJ	23D	O		H	SSB31J SSB31J	01 02	#L02-024			SAM	Z4			BIT31 SNSE LINE J*		
18372 09199	P21 XA343	046 07			XA343	07			KK	23D	O		H	SSB32A SSB32A	01 02	#L02-025			SAM	Z1			BIT32 SNSE LINE A*		
18375 09206	P21 XA343	103 14			XA343	14			KL	23D	O		H	SSB32B SSB32B	01 02	#L02-026			SAM	Z1			BIT32 SNSE LINE B*		
18377 09217	P21 XA343	049 25			XA343	25			KM	23D	O		H	SSB32C SSB32C	01 02	#L02-027			SAM	Z2			BIT32 SNSE LINE C*		
18378 09226	P21 XA343	050 35			XA343	35			KN	23D	O		H	SSB32D SSB32D	01 02	#L02-028			SAM	Z2			BIT32 SNSE LINE D*		
18381 09243	P21 XA343	107 51			XA343	51			KP	23D	O		H	SSB32E SSB32E	01 02	#L02-029			SAM	Z3			BIT32 SNSE LINE E*		
18383 09249	P21 XA343	053 57			XA343	57			KQ	23D	O		H	SSB32F SSB32F	01 02	#L02-030			SAM	Z3			BIT32 SNSE LINE F*		
18384 09264	P21 XA343	054 71			XA343	71			KR	23D	O		H	SSB32H SSB32H	01 02	#L02-031			SAM	Z4			BIT32 SNSE LINE H*		
18387 09267	P21 XA343	111 74			XA343	74			KS	23D	O		H	SSB32J SSB32J	01 02	#L02-032			SAM	Z4			BIT32 SNSE LINE J*		
17997 00243	P03 P03	050 106			P03	106				28D	9		H	SSDET8 SSDET8	01 02	#829-019								BIT26 CURRENT LOOP	
18100 00157	P01 P01	038 093			P01	093				28D	9		H	SSDETC SSDETC	01 02	#834-003								BIT32 CURRENT LOOP	



DRAWING NUMBER 149304-800 STRING UNIT ASSEMBLY NAME CARD CAGE WIRED, MCU UNIT ASSEMBLY NO. 149304 REV G INDEX SSETC FILE IDENT T39AMCMU DATE 09-02-82 PAGE 261

RECORD NUMBER	FROM				TO				WIRE				SFC INST	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	IN FC	PREFIX	CONNECTOR	PIN	IN FC	MULTI GROUP	CODE	COLOR	IDENT												
17758 00280	P04 P04	040 096			P04	096				2BD	9		H	SSDETD SSDETD	01 02	#B19-025							BIT24 CURRENT LOOP	
17900 00352	P06 P06	044 099			P06	099				2BD	9		H	SSDETE SSDETE	01 02	#B25-019							BIT17 CURRENT LOOP	
17725 00403	P07 P07	055 111			P07	111				2BD	9		H	SSDETF SSDETF	01 02	#B18-017							BIT14 CURRENT LOOP	
17540 00467	P09 P09	038 093			P09	093				2BD	9		H	SSDETH SSDETH	01 02	#B11-003							BIT8 CURRENT LOOP	
17342 00562	P11 P11	110 111			P11	111				2BD	9		H	SSDETJ SSDETJ	01 02	#B04-001							BIT2 CURRENT LOOP	
18227 00575	P13 P13	004 005			P13	005				2BD	9		H	SSDETK SSDETK	01 02	#B37-004							WRD CURRENT LOOP 1	
18195 01036	P22 P22	055 056			P22	056				2BD	9		H	SSDETL SSDETL	01 02	#B36-021							WRD CURRENT LOOP 2	
18676 18249 18248	P17 XA533 P13	056 49 031			XA533 P13	49 031			KT TP	23D 23D	9		H H	SSREGA SSREGA SSREGA	01 02 03	#106-033 #B37-025			REG REG				+20V REG JUMPER A +20V REG JUMPER C	
18677 15878	P17 XA533	112 59			XA533	59			KT	23D	0		H	SSREGB SSREGB	01 02	#106-033			REG				+20V REG JUMPER B	
18247 15863	P13 XA533	030 44			XA533	44			TP	23D	0		H	SSREGCG SSREGCG	01 02	#B37-024			REG				+20V REG JUMP & RT	
17988 01067 00069 01068	P02 XA104 J01 XA104	112 03 M1 03			XA104	03			AA	23D	9		H K	SSRT1A SSRT1A SSRT1A	00 01 02 03	#B29-009					FX9		THERMISTOR JUMPER 1	
17987 01069	P02 XA104	056 04			XA104 XA104	04 06			AA	23D 16B	0 9		H	SSRT1B2A SSRT1B2A	00 01	#B29-009							THERMISTOR JUMPER 2	
17769 17768	XA104 P05	06 056			P05	056			AB	23D	0		H	SSRT1B2A SSRT1B2A	02 03	#B20-010								
17759 01070 17652 01064	P05 XA104 XA104 P08	112 05 07 112			XA104 XA104 P08	05 07 112			AB AC	23D 16B 23D	9 9 9		H H	SSRT2B3A SSRT2B3A SSRT2B3A	00 01 02 03	#B20-001 #B15-016							THERMISTOR JUMPER 3	
17651 01071	P08 XA104	056 08			XA104 XA104	08 10			AC	23D 16B	0 9		H	SSRT3B4A SSRT3B4A	00 01	#B15-017							THERMISTOR JUMPER 4	
									***	SIGNAL				SSRT3B4A		IS ON THE NEXT PAGE	****							

DRAWING NUMBER 149304-800 STRING UNIT ASSEMBLY NO. 149304 REV G INDEX SSRT3B4A  
 UNIT ASSEMBLY NAME CARD CAGE WIRED, MCU FILE IDENT T39AMCMU DATE 09-02-82 PAGE 262

RECORD NUMBER	FROM				TO				WIRE				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	INFO	PREFIX	CONNECTOR	PIN	INFO	MULTI GROUP	CODE	COLOR	IDENT												
17401 17400		XA104 P11	10 056			P11	056		AD	23D	0		H SSRT3B4A SSRT3B4A	02 03	#B06-010									
17391 01072 00074 01073		P11 XA104 J01 XA104	112 09 J1 09			XA104 XA104	09 09		AD	23D	9		H SSRT4B K SSRT4B SSRT4B SSRT4B	00 02 03 04	#B06-001			EX9					THERMISTOR JUMPER 5	
17456 14630		P12 XA518	045 17			XA518	17			2BD	9		H SXCA00 SXCA00	01 02	#B07-039			SWW	Z2				WORD CM ANODE L0	
17454 14635		P12 XA518	047 22			XA518	22			2BD	9		H SXCA01 SXCA01	01 02	#B07-037			SWW	Z2				WORD CM ANODE L1	
17452 14710		P12 XA519	049 17			XA519	17			2BD	9		H SXCA02 SXCA02	01 02	#B07-035			SWW	Z2				WORD CM ANODE L2	
17460 14715		P12 XA519	041 22			XA519	22			2BD	9		H SXCA03 SXCA03	01 02	#B07-043			SWW	Z2				WORD CM ANODE L3	
17458 14675		P12 XA518	043 62			XA518	62			2BD	9		H SXCA04 SXCA04	01 02	#B07-041			SWW	Z4				WORD CM ANODE L4	
17450 14673		P12 XA518	051 60			XA518	60			2BD	9		H SXCA05 SXCA05	01 02	#B07-033			SWW	Z4				WORD CM ANODE L5	
17448 14755		P12 XA519	053 62			XA519	62			2BD	9		H SXCA06 SXCA06	01 02	#B07-031			SWW	Z4				WORD CM ANODE L6	
17464 14753		P12 XA519	037 60			XA519	60			2BD	9		H SXCA07 SXCA07	01 02	#B07-047			SWW	Z4				WORD CM ANODE L7	
17462 14790		P12 XA520	039 17			XA520	17			2BD	9		H SXCA08 SXCA08	01 02	#B07-045			SWW	Z2				WORD CM ANODE L8	
17425 14795		P12 XA520	105 22			XA520	22			2BD	9		H SXCA09 SXCA09	01 02	#B07-008			SWW	Z2				WORD CM ANODE L9	
17419 14870		P12 XA521	111 17			XA521	17			2BD	9		H SXCA10 SXCA10	01 02	#B07-002			SWW	Z2				WORD CM ANODE L10	
17422 14875		P12 XA521	108 22			XA521	22			2BD	9		H SXCA11 SXCA11	01 02	#B07-005			SWW	Z2				WORD CM ANODE L11	
17424 14835		P12 XA520	106 62			XA520	62			2BD	9		H SXCA12 SXCA12	01 02	#B07-007			SWW	Z4				WORD CM ANODE L12	
17431 14833		P12 XA520	099 60			XA520	60			2BD	9		H SXCA13 SXCA13	01 02	#B07-014			SWW	Z4				WORD CM ANODE L13	
										****			SIGNAL (SXCA14)										IS ON THE NEXT PAGE ****	

DRAWING NUMBER 149304-800 STRING UNIT ASSEMBLY NO. 149304 REV G INDEX SXCA14  
 UNIT ASSEMBLY NAME CARD CAGE WIRED, MCU FILE IDENT T39AMCMU DATE 09-02-82 PAGE 263

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	PREFIX	CONNECTOR	PIN	INFO	MULTI GROUP	CODE	COLOR	IDENT											
17430 14915	P12 XA521	100 62		XA521	62			2BD	9		H	SXCA14 SXCA14	01 02	#B07-013			SWW	Z4			WORD CM ANODE L14	
17428 14913	P12 XA521	102 60		XA521	60			2BD	9		H	SXCA15 SXCA15	01 02	#B07-011			SWW	Z4			WORD CM ANODE L15	
18132 14950	P01 XA522	009 17		XA522	17			2BD	9		H	SXCA16 SXCA16	01 02	#B35-006			SWW	Z2			WORD CM ANODE L16	
18130 14955	P01 XA522	004 22		XA522	22			2BD	9		H	SXCA17 SXCA17	01 02	#B35-004			SWW	Z2			WORD CM ANODE L17	
18136 15030	P01 XA523	013 17		XA523	17			2BD	9		H	SXCA18 SXCA18	01 02	#B35-010			SWW	Z2			WORD CM ANODE L18	
18134 15035	P01 XA523	011 22		XA523	22			2BD	9		H	SXCA19 SXCA19	01 02	#B35-008			SWW	Z2			WORD CM ANODE L19	
18156 14995	P01 XA522	063 62		XA522	62			2BD	9		H	SXCA20 SXCA20	01 02	#B35-030			SWW	Z4			WORD CM ANODE L20	
18152 14993	P01 XA522	059 60		XA522	60			2BD	9		H	SXCA21 SXCA21	01 02	#B35-026			SWW	Z4			WORD CM ANODE L21	
18142 15075	P01 XA523	019 62		XA523	62			2BD	9		H	SXCA22 SXCA22	01 02	#B35-016			SWW	Z4			WORD CM ANODE L22	
18140 15073	P01 XA523	017 60		XA523	60			2BD	9		H	SXCA23 SXCA23	01 02	#B35-014			SWW	Z4			WORD CM ANODE L23	
18138 15110	P01 XA524	015 17		XA524	17			2BD	9		H	SXCA24 SXCA24	01 02	#B35-012			SWW				WORD CM ANODE L24	
18128 15115	P01 XA524	002 22		XA524	22			2BD	9		H	SXCA25 SXCA25	01 02	#B35-002			SWW				WORD CM ANODE L25	
18153 15190	P01 XA525	060 17		XA525	17			2BD	9		H	SXCA26 SXCA26	01 02	#B35-027			SWW				WORD CM ANODE L26	
18157 15195	P01 XA525	064 22		XA525	22			2BD	9		H	SXCA27 SXCA27	01 02	#B35-031			SWW				WORD CM ANODE L27	
18159 15155	P01 XA524	066 62		XA524	62			2BD	9		H	SXCA28 SXCA28	01 02	#B35-033			SWW				WORD CM ANODE L28	
18161 15153	P01 XA524	068 60		XA524	60			2BD	9		H	SXCA29 SXCA29	01 02	#B35-035			SWW				WORD CM ANODE L29	
18163 15235	P01 XA525	070 62		XA525	62			2BD	9		H	SXCA30 SXCA30	01 02	#B35-037			SWW				WORD CM ANODE L30	

DRAWING NUMBER 149304-800 STRING UNIT ASSEMBLY NAME CARD CAGE WIRED, MCU UNIT ASSEMBLY NO. 149304 FILE IDENT T39AMCMU REV G INDEX SXCA30 DATE 09-02-82 PAGE 264

RECORD NUMBER	FROM				TO				WIRE			SPEC. INST. ASSC.	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	21 22	PREFIX	CONNECTOR	PIN	21 22	MULTI GROUP	CODE	COLOR												IDENT
18165 15233		P01 XA525	072 60			XA525	60			2BD	9		H SXCA31 SXCA31	01 02	#B35-039							WORD CM ANODE L31	
18259 15918		P13 XA534	066 17			XA534	17			2BD	9		H SXCA32 SXCA32	01 02	#B37-035							WORD CM ANODE L32	
18251 15923		P13 XA534	058 22			XA534	22			2BD	9		H SXCA33 SXCA33	01 02	#B37-027							WORD CM ANODE L33	
18250 15998		P13 XA535	057 17			XA535	17			2BD	9		H SXCA34 SXCA34	01 02	#B37-026							WORD CM ANODE L34	
18263 16003		P13 XA535	070 22			XA535	22			2BD	9		H SXCA35 SXCA35	01 02	#B37-039							WORD CM ANODE L35	
18261 15963		P13 XA534	068 62			XA534	62			2BD	9		H SXCA36 SXCA36	01 02	#B37-037							WORD CM ANODE L36	
18253 15961		P13 XA534	060 60			XA534	60			2BD	9		H SXCA37 SXCA37	01 02	#B37-029							WORD CM ANODE L37	
18230 16043		P13 XA535	008 62			XA535	62			2BD	9		H SXCA38 SXCA38	01 02	#B37-007							WORD CM ANODE L38	
18228 16041		P13 XA535	006 60			XA535	60			2BD	9		H SXCA39 SXCA39	01 02	#B37-005							WORD CM ANODE L39	
18258 16078		P13 XA536	065 17			XA536	17			2BD	9		H SXCA40 SXCA40	01 02	#B37-032							WORD CM ANODE L40	
18266 16083		P13 XA536	073 22			XA536	22			2BD	9		H SXCA41 SXCA41	01 02	#B37-042							WORD CM ANODE L41	
18268 16158		P13 XA537	075 17			XA537	17			2BD	9		H SXCA42 SXCA42	01 02	#B37-044							WORD CM ANODE L42	
18256 16163		P13 XA537	063 22			XA537	22			2BD	9		H SXCA43 SXCA43	01 02	#B37-032							WORD CM ANODE L43	
18233 16123		P13 XA536	011 62			XA536	62			2BD	9		H SXCA44 SXCA44	01 02	#B37-010							WORD CM ANODE L44	
18235 16121		P13 XA536	016 60			XA536	60			2BD	9		H SXCA45 SXCA45	01 02	#B37-012							WORD CM ANODE L45	
18237 16203		P13 XA537	018 62			XA537	62			2BD	9		H SXCA46 SXCA46	01 02	#B37-014							WORD CM ANODE L46	
													****	SIGNAL	(SXCA47)	IS ON THE	NEXT PAGE	****					

DRAWING NUMBER 149304-800 STRING UNIT ASSEMBLY NO. 149304 REV G INDEX SXCA47  
 UNIT ASSEMBLY NAME CARD CAGE WIRED, MCU FILE IDENT T39AMCMU DATE 09-02-82 PAGE 265

RECORD NUMBER	FROM			TO			WIRE				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											
18225 16201	P13 XA537	002 60		XA537	60			2BD	9		H	SXCA47 SXCA47	01 02	#B37-002		SWM				WORD CM ANODE L47	
18206 16238	P22 XA538	075 17		XA538	17			2BD	9		H	SXCA48 SXCA48	01 02	#B36-032		SWM	Z2			WORD CM ANODE L48	
18210 16243	P22 XA538	088 22		XA538	22			2BD	9		H	SXCA49 SXCA49	01 02	#B36-036		SWM	Z2			WORD CM ANODE L49	
18214 16318	P22 XA539	092 17		XA539	17			2BD	9		H	SXCA50 SXCA50	01 02	#B36-040		SWM	Z2			WORD CM ANODE L50	
18218 16323	P22 XA539	103 22		XA539	22			2BD	9		H	SXCA51 SXCA51	01 02	#B36-044		SWM	Z2			WORD CM ANODE L51	
18222 16283	P22 XA538	107 62		XA538	62			2BD	9		H	SXCA52 SXCA52	01 02	#B36-048		SWM	Z4			WORD CM ANODE L52	
18205 16281	P22 XA538	074 60		XA538	60			2BD	9		H	SXCA53 SXCA53	01 02	#B36-038		SWM	Z4			WORD CM ANODE L53	
18209 16363	P22 XA539	087 62		XA539	62			2BD	9		H	SXCA54 SXCA54	01 02	#B36-035		SWM	Z4			WORD CM ANODE L54	
18213 16361	P22 XA539	091 60		XA539	60			2BD	9		H	SXCA55 SXCA55	01 02	#B36-039		SWM	Z4			WORD CM ANODE L55	
18217 16398	P22 XA540	100 17		XA540	17			2BD	9		H	SXCA56 SXCA56	01 02	#B36-043		SWM	Z2			WORD CM ANODE L56	
18221 16403	P22 XA540	106 22		XA540	22			2BD	9		H	SXCA57 SXCA57	01 02	#B36-047		SWM	Z2			WORD CM ANODE L57	
18194 16478	P22 XA541	054 17		XA541	17			2BD	9		H	SXCA58 SXCA58	01 02	#B36-020		SWM	Z2			WORD CM ANODE L58	
18192 16483	P22 XA541	052 22		XA541	22			2BD	9		H	SXCA59 SXCA59	01 02	#B36-018		SWM	Z2			WORD CM ANODE L59	
18190 16443	P22 XA540	033 62		XA540	62			2BD	9		H	SXCA60 SXCA60	01 02	#B36-016		SWM	Z4			WORD CM ANODE L60	
18188 16441	P22 XA540	025 60		XA540	60			2BD	9		H	SXCA61 SXCA61	01 02	#B36-014		SWM	Z4			WORD CM ANODE L61	
18186 16523	P22 XA541	023 62		XA541	62			2BD	9		H	SXCA62 SXCA62	01 02	#B36-012		SWM	Z4			WORD CM ANODE L62	
18184 16521	P22 XA541	020 60		XA541	60			2BD	9		H	SXCA63 SXCA63	01 02	#B36-010		SWM	Z4			WORD CM ANODE L63	

DRAWING NUMBER 149304-800 STRING UNIT ASSEMBLY NO. 149304 REV G INDEX SXCA63  
 UNIT ASSEMBLY NAME CARD CAGE WIRED, MCU FILE IDENT T39AMCMU DATE 09-02-82 PAGE 266

RECORD NUMBER	FROM				TO				WIRE				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	POS	PREFIX	CONNECTOR	PIN	POS	WIRE	CODE	COLOR	IDENT											
17457 14731	P12 XA519	044 38			XA519	38			2BD	9		H	SXCC00 SXCC00	01 02	#B07-040			SWW	Z2			WORD CM CATH L0	
17455 14730	P12 XA519	046 37			XA519	37			2BD	9		H	SXCC01 SXCC01	01 02	#B07-038			SWW	Z2			WORD CM CATH L1	
17453 14651	P12 XA518	048 38			XA518	38			2BD	9		H	SXCC02 SXCC02	01 02	#B07-036			SWW	Z2			WORD CM CATH L2	
17461 14650	P12 XA518	040 37			XA518	37			2BD	9		H	SXCC03 SXCC03	01 02	#B07-044			SWW	Z2			WORD CM CATH L3	
17459 14771	P12 XA519	042 78			XA519	78			2BD	9		H	SXCC04 SXCC04	01 02	#B07-042			SWW	Z4			WORD CM CATH L4	
17451 14773	P12 XA519	050 80			XA519	80			2BD	9		H	SXCC05 SXCC05	01 02	#B07-034			SWW	Z4			WORD CM CATH L5	
17449 14691	P12 XA518	052 78			XA518	78			2BD	9		H	SXCC06 SXCC06	01 02	#B07-032			SWW	Z4			WORD CM CATH L6	
17465 14693	P12 XA518	036 80			XA518	80			2BD	9		H	SXCC07 SXCC07	01 02	#B07-048			SWW	Z4			WORD CM CATH L7	
17463 14891	P12 XA521	038 38			XA521	38			2BD	9		H	SXCC08 SXCC08	01 02	#B07-046			SWW	Z2			WORD CM CATH L8	
17426 14890	P12 XA521	104 37			XA521	37			2BD	9		H	SXCC09 SXCC09	01 02	#B07-009			SWW	Z2			WORD CM CATH L9	
17420 14811	P12 XA520	110 38			XA520	38			2BD	9		H	SXCC10 SXCC10	01 02	#B07-003			SWW	Z2			WORD CM CATH L10	
17421 14810	P12 XA520	109 37			XA520	37			2BD	9		H	SXCC11 SXCC11	01 02	#B07-004			SWW	Z2			WORD CM CATH L11	
17423 14931	P12 XA521	107 78			XA521	78			2BD	9		H	SXCC12 SXCC12	01 02	#B07-006			SWW	Z4			WORD CM CATH L12	
17418 14933	P12 XA521	112 80			XA521	80			2BD	9		H	SXCC13 SXCC13	01 02	#B07-001			SWW	Z4			WORD CM CATH L13	
17429 14851	P12 XA520	101 78			XA520	78			2BD	9		H	SXCC14 SXCC14	01 02	#B07-012			SWW	Z4			WORD CM CATH L14	
17427 14853	P12 XA520	103 80			XA520	80			2BD	9		H	SXCC15 SXCC15	01 02	#B07-010			SWW	Z4			WORD CM CATH L15	
													****	SIGNAL	SXCC16		IS ON THE	NEXT PAGE	****				

DRAWING NUMBER 149304-800 STRING UNIT ASSEMBLY NO. 149304 REV G INDEX SXCC16  
 UNIT ASSEMBLY NAME CARD CAGE WIRED, MCU FILE IDENT T39AMCMU DATE 09-02-82 PAGE 267

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		PREFIX	CONNECTOR	PIN	INFO	MULTI GROUP	CODE	COLOR											
18131 15051	P01 XA523	008 38		XA523	38			2BD	9		H	SXCC16 SXCC16	01 02	#B35-005		SWW	Z2			WORD CM CATH L16		
18129 15050	P01 XA523	003 37		XA523	37			2BD	9		H	SXCC17 SXCC17	01 02	#B35-003		SWW	Z2			WORD CM CATH L17		
18135 14971	P01 XA522	012 38		XA522	38			2BD	9		H	SXCC18 SXCC18	01 02	#B35-009		SWW	Z2			WORD CM CATH L18		
18133 14970	P01 XA522	010 37		XA522	37			2BD	9		H	SXCC19 SXCC19	01 02	#B35-007		SWW	Z2			WORD CM CATH L19		
18155 15091	P01 XA523	062 78		XA523	78			2BD	9		H	SXCC20 SXCC20	01 02	#B35-029		SWW	Z4			WORD CM CATH L20		
18151 15093	P01 XA523	058 80		XA523	80			2BD	9		H	SXCC21 SXCC21	01 02	#B35-025		SWW	Z4			WORD CM CATH L21		
18141 15011	P01 XA522	018 78		XA522	78			2BD	9		H	SXCC22 SXCC22	01 02	#B35-015		SWW	Z4			WORD CM CATH L22		
18139 15013	P01 XA522	016 80		XA522	80			2BD	9		H	SXCC23 SXCC23	01 02	#B35-013		SWW	Z4			WORD CM CATH L23		
18137 15211	P01 XA525	014 38		XA525	38			2BD	9		H	SXCC24 SXCC24	01 02	#B35-011		SWW				WORD CM CATH L24		
18127 15210	P01 XA525	001 37		XA525	37			2BD	9			SXCC25 SXCC25	01 02	#B35-001		SWW				WORD CM CATH L25		
18154 15131	P01 XA524	061 38		XA524	38			2BD	9		H	SXCC26 SXCC26	01 02	#B35-028		SWW				WORD CM CATH L26		
18158 15130	P01 XA524	065 37		XA524	37			2BD	9		H	SXCC27 SXCC27	01 02	#B35-032		SWW				WORD CM CATH L27		
18160 15252	P01 XA525	067 78		XA525	78			2BD	9		H	SXCC28 SXCC28	01 02	#B35-034		SWW				WORD CM CATH L28		
18162 15254	P01 XA525	069 80		XA525	80			2BD	9		H	SXCC29 SXCC29	01 02	#B35-036		SWW				WORD CM CATH L29		
18164 15171	P01 XA524	071 78		XA524	78			2BD	9		H	SXCC30 SXCC30	01 02	#B35-038		SWW				WORD CM CATH L30		
18166 15173	P01 XA524	073 80		XA524	80			2BD	9		H	SXCC31 SXCC31	01 02	#B35-040		SWW				WORD CM CATH L31		
18260 16019	P13 XA535	067 38		XA535	38			2BD	9		H	SXCC32 SXCC32	01 02	#B37-036		SWW	Z2			WORD CM CATH L32		

DRAWING NUMBER 149304-800 STRING UNIT ASSEMBLY NAME CARD CAGE WIRED, MCU UNIT ASSEMBLY NO. 149304 FILE IDENT T39AMCMU REV G INDEX SXCC32 DATE 09-02-82 PAGE 268

RECORD NUMBER	FROM			SHEG	TO			SHEG	WIRE			SFC 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		CODE	COLOR	IDENT										AND	OR		
18252 16018	P13 XA535	059 37			XA535	37			2BD	9		H	SXCC33 SXCC33	01 02	#B37-028			SWW	Z2			WORD CM CATH L33		
18224 15939	P13 XA534	001 38			XA534	38			2BD	9		H	SXCC34 SXCC34	01 02	#B37-001			SWW	Z2			WORD CM CATH L34		
18264 15938	P13 XA534	071 37			XA534	37			2BD	9		H	SXCC35 SXCC35	01 02	#B37-040			SWW	Z2			WORD CM CATH L35		
18262 16059	P13 XA535	069 78			XA535	78			2BD	9		H	SXCC36 SXCC36	01 02	#B37-038			SWW	Z4			WORD CM CATH L36		
18254 16061	P13 XA535	061 80			XA535	80			2BD	9		H	SXCC37 SXCC37	01 02	#B37-030			SWW	Z4			WORD CM CATH L37		
18231 15979	P13 XA534	009 78			XA534	78			2BD	9		H	SXCC38 SXCC38	01 02	#B37-008			SWW	Z4			WORD CM CATH L38		
18229 15981	P13 XA534	007 80			XA534	80			2BD	9		H	SXCC39 SXCC39	01 02	#B37-006			SWW	Z4			WORD CM CATH L39		
18257 16179	P13 XA537	064 38			XA537	38			2BD	9		H	SXCC40 SXCC40	01 02	#B37-033			SWW				WORD CM CATH L40		
18265 16178	P13 XA537	072 37			XA537	37			2BD	9		H	SXCC41 SXCC41	01 02	#B37-041			SWW				WORD CM CATH L41		
18267 16099	P13 XA536	074 38			XA536	38			2BD	9		H	SXCC42 SXCC42	01 02	#B37-043			SWW	Z2			WORD CM CATH L42		
18255 16098	P13 XA536	062 37			XA536	37			2BD	9		H	SXCC43 SXCC43	01 02	#B37-031			SWW	Z2			WORD CM CATH L43		
18232 16219	P13 XA537	010 78			XA537	78			2BD	9		H	SXCC44 SXCC44	01 02	#B37-009			SWW				WORD CM CATH L44		
18234 16221	P13 XA537	015 80			XA537	80			2BD	9		H	SXCC45 SXCC45	01 02	#B37-011			SWW				WORD CM CATH L45		
18236 16139	P13 XA536	017 78			XA536	78			2BD	9		H	SXCC46 SXCC46	01 02	#B37-013			SWW	Z4			WORD CM CATH L46		
18226 16141	P13 XA536	003 80			XA536	80			2BD	9		H	SXCC47 SXCC47	01 02	#B37-003			SWW	Z4			WORD CM CATH L47		
18207 16339	P22 XA539	076 38			XA539	38			2BD	9		H	SXCC48 SXCC48	01 02	#B36-033			SWW	Z2			WORD CM CATH L48		
													****	SIGNAL	(SXCC49)	IS ON THE	NEXT PAGE	****						



DRAWING NUMBER 149304-800 STRING UNIT ASSEMBLY NAME CARD CAGE WIRED, MCU UNIT ASSEMBLY NO. 149304 REV G INDEX SXCC49 FILE IDENT T39AMCMU DATE 09-02-82 PAGE 269

RECORD NUMBER	FROM			INFO	TO			WIRE				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	PIH		PREFIX	CONNECTOR	PIH	MULTI GROUP	CODE	COLOR	IDENT												
18211 16338	P22 XA539	089 37			XA539	37		2BD	9		H	SXCC49 SXCC49	01 02	#B36-037			SWW	Z2			WORD CM CATH L49		
18215 16259	P22 XA538	093 38			XA538	38		2BD	9		H	SXCC50 SXCC50	01 02	#B36-041			SWW	Z2			WORD CM CATH L50		
18219 16258	P22 XA538	104 37			XA538	37		2BD	9		H	SXCC51 SXCC51	01 02	#B36-045			SWW	Z2			WORD CM CATH L51		
18223 16379	P22 XA539	108 78			XA539	78		2BD	9		H	SXCC52 SXCC52	01 02	#B36-049			SWW	Z4			WORD CM CATH L52		
18204 16381	P22 XA539	073 80			XA539	80		2BD	9		H	SXCC53 SXCC53	01 02	#B36-030			SWW	Z4			WORD CM CATH L53		
18208 16299	P22 XA538	086 78			XA538	78		2BD	9		H	SXCC54 SXCC54	01 02	#B36-034			SWW	Z4			WORD CM CATH L54		
18212 16301	P22 XA538	090 80			XA538	80		2BD	9		H	SXCC55 SXCC55	01 02	#B36-038			SWW	Z4			WORD CM CATH L55		
18216 16499	P22 XA541	099 38			XA541	38		2BD	9		H	SXCC56 SXCC56	01 02	#B36-042			SWW	Z2			WORD CM CATH L56		
18220 16498	P22 XA541	105 37			XA541	37		2BD	9		H	SXCC57 SXCC57	01 02	#B36-046			SWW	Z2			WORD CM CATH L57		
18193 16419	P22 XA540	053 38			XA540	38		2BD	9		H	SXCC58 SXCC58	01 02	#B36-019			SWW	Z2			WORD CM CATH L58		
18191 16418	P22 XA540	051 37			XA540	37		2BD	9		H	SXCC59 SXCC59	01 02	#B36-017			SWW	Z2			WORD CM CATH L59		
18189 16539	P22 XA541	032 78			XA541	78		2BD	9		H	SXCC60 SXCC60	01 02	#B36-015			SWW	Z4			WORD CM CATH L60		
18187 16541	P22 XA541	024 80			XA541	80		2BD	9		H	SXCC61 SXCC61	01 02	#B36-013			SWW	Z4			WORD CM CATH L61		
18185 16459	P22 XA540	021 78			XA540	78		2BD	9		H	SXCC62 SXCC62	01 02	#B36-011			SWW	Z4			WORD CM CATH L62		
18183 16461	P22 XA540	019 80			XA540	80		2BD	9		H	SXCC63 SXCC63	01 02	#B36-009			SWW	Z4			WORD CM CATH L63		
18150 14712 14627	P01 XA519 XA518	027 19 14			XA519 XA518	19 14		2BD 16B	9 9		H	SXSS00 SXSS00 SXSS00	00 01 02	#B35-024			SWW SWW	Z1 Z1			WORD BUS 0		
18174	P01	082			XA518	15		2BD	9		H	SXSS01	00	#B35-048							WORD BUS 1		
											****	SIGNAL	(SXSS01)	IS ON THE NEXT PAGE ****									

DRAWING NUMBER 149304-800 STRING UNIT ASSEMBLY NAME CARD CAGE WIRED, MCU UNIT ASSEMBLY NO. 149304 FILE IDENT T39AMCMU REV G INDEX SXSS01 DATE 09-02-82 PAGE 270

RECORD NUMBER	FROM				TO				WIRE			SIGNAL	SSO NO	EQUATION	TERM	FACTOR	CKT OR CHIP TYPE	GROUP	LOAD OR POWER PLANE	TEST POINTS (AND/OR)	SIGNAL DESCRIPTION	SCO NO
	PREFIX	CONNECTOR	PIN	INFO	PREFIX	CONNECTOR	PIN	INFO	MULTI GROUP	CODE	COLOR											
14628 14724		XA518 XA519	15 31			XA519 31				16B	9		SXSS01 SXSS01	01 02				SWW SWW	Z1 Z1			
18149 14707 14632		PO1 XA519 XA518	026 14 19			XA519 XA518 19				2BD 16B	9 9		H SXSS02 SXSS02	00 01 02	#B35-023			SWW SWW	Z1 Z1			WORD BUS 2
18173 14644 14708		PO1 XA518 XA519	081 31 15			XA518 XA519 15				2BD 16B	9 9		H SXSS03 SXSS03	00 01 02	#B35-047			SWW SWW	Z1 Z1			WORD BUS 3
18148 14768 14653		PO1 XA519 XA518	025 75 40			XA519 XA518 40				2BD 16B	9 9		H SXSS04 SXSS04	00 01 02	#B35-022			SWW SWW	Z3 Z3			WORD BUS 4
18172 14669 14766		PO1 XA518 XA519	080 56 73			XA518 XA519 73				2BD 16B	9 9		H SXSS05 SXSS05	00 01 02	#B35-046			SWW SWW	Z3 Z3			WORD BUS 5
18147 14733 14688		PO1 XA519 XA518	024 40 75			XA519 XA518 75				2BD 16B	9 9		H SXSS06 SXSS06	00 01 02	#B35-021			SWW SWW	Z3 Z3			WORD BUS 6
18171 14686 14749		PO1 XA518 XA519	079 73 56			XA518 XA519 56				2BD 16B	9 9		H SXSS07 SXSS07	00 01 02	#B35-045			SWW SWW	Z3 Z3			WORD BUS 7
18146 14872 14787		PO1 XA521 XA520	023 19 14			XA521 XA520 14				2BD 16B	9 9		H SXSS08 SXSS08	00 01 02	#B35-020			SWW SWW	Z1 Z1			WORD BUS 8
18170 14788 14884		PO1 XA520 XA521	078 15 31			XA520 XA521 31				2BD 16B	9 9		H SXSS09 SXSS09	00 01 02	#B35-044			SWW SWW	Z1 Z1			WORD BUS 9
18145 14867 14792		PO1 XA521 XA520	022 14 19			XA521 XA520 19				2BD 16B	9 9		H SXSS10 SXSS10	00 01 02	#B35-019			SWW SWW	Z1 Z1			WORD BUS 10
18169 14804 14868		PO1 XA520 XA521	077 31 15			XA520 XA521 15				2BD 16B	9 9		H SXSS11 SXSS11	00 01 02	#B35-043			SWW SWW	Z1 Z1			WORD BUS 11
18144 14928 14813		PO1 XA521 XA520	021 75 40			XA521 XA520 40				2BD 16B	9 9		H SXSS12 SXSS12	00 01 02	#B35-018			SWW SWW	Z3 Z3			WORD BUS 12
18168 14829 14926		PO1 XA520 XA521	076 56 73			XA520 XA521 73				2BD 16B	9 9		H SXSS13 SXSS13	00 01 02	#B35-042			SWW SWW	Z3 Z3			WORD BUS 13

DRAWING NUMBER 149304-800 STRING UNIT ASSEMBLY NO. 149304 REV G INDEX SXSS13  
 UNIT ASSEMBLY NAME CARD CAGE WIRED, MCU FILE IDENT T39AMCMU DATE 09-02-82 PAGE 271

RECORD NUMBER	FROM				TO				WIRE				SFC 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
	PREFIX	CONNECTOR	PIN	SH TS	PREFIX	CONNECTOR	PIN	SH TS	MULTI GROUP	CODE	COLOR	IDENT												
18143 14893 14848	P01 XA521 XA520	020 40 75			XA521 XA520	40 75				2BD 16B	9 9		H	SXSS14 SXSS14 SXSS14	00 01 02	#B35-017			SWW SWW	Z3 Z3			WORD BUS 14	
18167 14846 14909	P01 XA520 XA521	075 73 56			XA520 XA521	73 56				2BD 16B	9 9		H	SXSS15 SXSS15 SXSS15	00 01 02	#B35-041			SWW SWW	Z3 Z3			WORD BUS 15	
17447 15032 14947	P12 XA523 XA522	078 19 14			XA523 XA522	19 14				2BD 16B	9 9		H	SXSS16 SXSS16 SXSS16	00 01 02	#B07-030			SWW SWW	Z1 Z1			WORD BUS 16	
17446 14948 15044	P12 XA522 XA523	079 15 31			XA522 XA523	15 31				2BD 16B	9 9		H	SXSS17 SXSS17 SXSS17	00 01 02	#B07-029			SWW SWW SWW	Z1 Z1 Z1			WORD BUS 17	
17445 15027 14952	P12 XA523 XA522	080 14 19			XA523 XA522	14 19				2BD 16B	9 9		H	SXSS18 SXSS18 SXSS18	00 01 02	#B07-028			SWW SWW	Z1 Z1			WORD BUS 18	
17444 14964 15028	P12 XA522 XA523	081 31 15			XA522 XA523	31 15				2BD 16B	9 9		H	SXSS19 SXSS19 SXSS19	00 01 02	#B07-027			SWW SWW	Z1 Z1			WORD BUS 19	
17443 15088 14973	P12 XA523 XA522	086 75 40			XA523 XA522	75 40				2BD 16B	9 9		H	SXSS20 SXSS20 SXSS20	00 01 02	#B07-026			SWW SWW SWW	Z3 Z3 Z3			WORD BUS 20	
17442 14989 15086	P12 XA522 XA523	087 56 73			XA522 XA523	56 73				2BD 16B	9 9		H	SXSS21 SXSS21 SXSS21	00 01 02	#B07-025			SWW SWW	Z3 Z3			WORD BUS 21	
17441 15053 15008	P12 XA523 XA522	088 40 75			XA523 XA522	40 75				2BD 16B	9 9		H	SXSS22 SXSS22 SXSS22	00 01 02	#B07-024			SWW SWW	Z3 Z3			WORD BUS 22	
17440 15006 15069	P12 XA522 XA523	089 73 56			XA522 XA523	73 56				2BD 16B	9 9		H	SXSS23 SXSS23 SXSS23	00 01 02	#B07-023			SWW SWW	Z3 Z3			WORD BUS 23	
17439 15192 15107	P12 XA525 XA524	090 19 14			XA525 XA524	19 14				2BD 16B	9 9		H	SXSS24 SXSS24 SXSS24	00 01 02	#B07-022			SWW SWW				WORD BUS 24	
17438 15204 15108	P12 XA525 XA524	091 31 15			XA525 XA524	31 15				2BD 16B	9 9		H	SXSS25 SXSS25 SXSS25	00 01 02	#B07-021			SWW SWW				WORD BUS 25	
										****	SIGNAL	SXSS26	IS ON THE NEXT PAGE				****							

DRAWING NUMBER 149304-800 STRING UNIT ASSEMBLY NAME CARD CAGE WIRED, MCU UNIT ASSEMBLY NO. 149304 REV G INDEX SXSS26 FILE IDENT T39AMCMU DATE 09-02-82 PAGE 272

RECORD NUMBER	FROM				TO				WIRE				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 TC	PREFIX	CONNECTOR	PIN	SH TC	MULTI GROUP	CODE	COLOR	IDENT													
17437 15187 15112	P12 XA525 XA524	092 14 19			XA525 XA524	14 19			28D 168	9 9		H	SXSS26 SXSS26 SXSS26	00 01 02	#B07-020			SWH SWH				WORD BUS 26			
17436 15188 15124	P12 XA525 XA524	093 15 31			XA525 XA524	15 31			28D 168	9 9		H	SXSS27 SXSS27 SXSS27	00 01 02	#B07-019			SWH SWH				WORD BUS 27			
17435 15248 15133	P12 XA525 XA524	094 75 40			XA525 XA524	75 40			28D 168	9 9		H	SXSS28 SXSS28 SXSS28	00 01 02	#B07-018			SWH SWH				WORD BUS 28			
17434 15246 15149	P12 XA525 XA524	096 73 56			XA525 XA524	73 56			28D 168	9 9		H	SXSS29 SXSS29 SXSS29	00 01 02	#B07-017			SWH SWH				WORD BUS 29			
17433 15213 15168	P12 XA525 XA524	097 40 75			XA525 XA524	40 75			28D 168	9 9		H	SXSS30 SXSS30 SXSS30	00 01 02	#B07-016			SWH SWH				WORD BUS 30			
17432 15229 15166	P12 XA525 XA524	098 56 73			XA525 XA524	56 73			28D 168	9 9		H	SXSS31 SXSS31 SXSS31	00 01 02	#B07-015			SWH SWH				WORD BUS 31			
18203 15915 16000	P22 XA534 XA535	072 14 19			XA534 XA535	14 19			28D 168	9 9		H	SXSS32 SXSS32 SXSS32	00 01 02	#B36-029			SWH SWH	Z1 Z1			WORD BUS 32			
18182 15916 16012	P22 XA534 XA535	016 15 31			XA534 XA535	15 31			28D 168	9 9		H	SXSS33 SXSS33 SXSS33	00 01 02	#B36-008			SWH SWH	Z1 Z1			WORD BUS 33			
18202 15920 15995	P22 XA534 XA535	071 19 14			XA534 XA535	19 14			28D 168	9 9		H	SXSS34 SXSS34 SXSS34	00 01 02	#B36-028			SWH SWH	Z1 Z1			WORD BUS 34			
18181 15932 15996	P22 XA534 XA535	015 31 15			XA534 XA535	31 15			28D 168	9 9		H	SXSS35 SXSS35 SXSS35	00 01 02	#B36-007			SWH SWH	Z1 Z1			WORD BUS 35			
18201 15941 16056	P22 XA534 XA535	070 40 75			XA534 XA535	40 75			28D 168	9 9		H	SXSS36 SXSS36 SXSS36	00 01 02	#B36-027			SWH SWH	Z3 Z3			WORD BUS 36			
18180 16054 15957	P22 XA535 XA534	014 73 56			XA535 XA534	73 56			28D 168	9 9		H	SXSS37 SXSS37 SXSS37	00 01 02	#B36-006			SWH SWH	Z3 Z3			WORD BUS 37			
18200 16021	P22 XA535	069 40			XA535 XA534	40 75			28D 168	9 9		H	SXSS38 SXSS38	00 01	#B36-026			SWH	Z3			WORD BUS 38			
												****	SIGNAL	(SXSS38)	IS ON THE NEXT PAGE										****

DRAWING NUMBER 149304-800 STRING UNIT ASSEMBLY NO. 149304 REV G INDEX SXSS38  
 UNIT ASSEMBLY NAME CARD CAGE WIRED, MCU FILE IDENT T39AMCMU DATE 09-02-82 PAGE 273

RECORD NUMBER	FROM			TO			WIRE				SIGNAL	SEQ NO	EQUATION	TERM	FACTORS	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											
15976		XA534	75									SXSS38	02			SWW	Z3				
18179	P22	013		XA535	56			28D	9		H	SXSS39	00	#B36-005						WORD BUS 39	
16037		XA535	56	XA534	73			16B	9			SXSS39	01			SWW	Z3				
15974		XA534	73									SXSS39	02			SWW	Z3				
18199	P22	068		XA536	14			28D	9		H	SXSS40	00	#B36-025						WORD BUS 40	
16075		XA536	14	XA537	19			16B	9			SXSS40	01			SWW	Z1				
16160		XA537	19									SXSS40	02			SWW					
18178	P22	012		XA537	31			28D	9		H	SXSS41	00	#B36-004						WORD BUS 41	
16172		XA537	31	XA536	15			16B	9			SXSS41	01			SWW					
16076		XA536	15									SXSS41	02			SWW	Z1				
18198	P22	067		XA536	19			28D	9		H	SXSS42	00	#B36-024						WORD BUS 42	
16080		XA536	19	XA537	14			16B	9			SXSS42	01			SWW	Z1				
16155		XA537	14									SXSS42	02			SWW					
18177	P22	011		XA537	15			28D	9		H	SXSS43	00	#B36-003						WORD BUS 43	
16156		XA537	15	XA536	31			16B	9			SXSS43	01			SWW					
16092		XA536	31									SXSS43	02			SWW	Z1				
18197	P22	066		XA536	40			28D	9		H	SXSS44	00	#B36-023						WORD BUS 44	
16101		XA536	40	XA537	75			16B	9			SXSS44	01			SWW	Z3				
16216		XA537	75									SXSS44	02			SWW					
18176	P22	010		XA536	56			28D	9		H	SXSS45	00	#B36-002						WORD BUS 45	
16117		XA536	56	XA537	73			16B	9			SXSS45	01			SWW	Z3				
16214		XA537	73									SXSS45	02			SWW					
18196	P22	065		XA537	40			28D	9		H	SXSS46	00	#B36-022						WORD BUS 46	
16181		XA537	40	XA536	75			16B	9			SXSS46	01			SWW					
16136		XA536	75									SXSS46	02			SWW	Z3				
18175	P22	009		XA537	56			28D	9		H	SXSS47	00	#B36-001						WORD BUS 47	
16197		XA537	56	XA536	73			16B	9			SXSS47	01			SWW					
16134		XA536	73									SXSS47	02			SWW	Z3				
18269	P13	076		XA538	14			28D	9		H	SXSS48	00	#B37-045						WORD BUS 48	
16235		XA538	14	XA539	19			16B	9			SXSS48	01			SWW	Z1				
16320		XA539	19									SXSS48	02			SWW	Z1				
18270	P13	077		XA539	31			28D	9		H	SXSS49	00	#B37-046						WORD BUS 49	
16332		XA539	31	XA538	15			16B	9			SXSS49	01			SWW	Z1				
16236		XA538	15									SXSS49	02			SWW	Z1				
18271	P13	078		XA538	19			28D	9		H	SXSS50	00	#B37-047						WORD BUS 50	
16240		XA538	19	XA539	14			16B	9			SXSS50	01			SWW	Z1				
16315		XA539	14									SXSS50	02			SWW	Z1				
								****	SIGNAL			SXSS51		IS ON THE	NEXT PAGE	****					

DRAWING NUMBER 149304-800 STRING UNIT ASSEMBLY NO. 149304 REV G INDEX SXSS51  
 UNIT ASSEMBLY NAME CARD CAGE WIRED, MCU FILE IDENT T39AMCMU DATE 09-02-82 PAGE 274

RECORD NUMBER	FROM				TO				WIRE				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		
	PREFIX	CONNECTOR	PIN	DR TO	PREFIX	CONNECTOR	PIN	DR TO	MULTI GROUP	CODE	COLOR	IDENT														
18272 16316 16252	P13 XA539 XA538	079 15 31			XA539 XA538	15 31			2BD 16B	9 9		H	SXSS51 SXSS51 SXSS51	00 01 02	#B37-048			SWW SWW	Z1 Z1			WORD BUS 51				
18273 16261 16376	P13 XA538 XA539	080 40 75			XA538 XA539	40 75			2BD 16B	9 9		H	SXSS52 SXSS52 SXSS52	00 01 02	#B37-049			SWW SWW	Z3 Z3			WORD BUS 52				
18274 16374 16277	P13 XA539 XA538	081 73 56			XA539 XA538	73 56			2BD 16B	9 9		H	SXSS53 SXSS53 SXSS53	00 01 02	#B37-050			SWW SWW	Z3 Z3			WORD BUS 53				
18275 16296 16341	P13 XA538 XA539	082 75 40			XA538 XA539	75 40			2BD 16B	9 9		H	SXSS54 SXSS54 SXSS54	00 01 02	#B37-051			SWW SWW	Z3 Z3			WORD BUS 54				
18238 16357 16294	P13 XA539 XA538	019 56 73			XA539 XA538	56 73			2BD 16B	9 9		H	SXSS55 SXSS55 SXSS55	00 01 02	#B37-015			SWW SWW	Z3 Z3			WORD BUS 55				
18239 16480 16395	P13 XA541 XA540	020 19 14			XA541 XA540	19 14			2BD 16B	9 9		H	SXSS56 SXSS56 SXSS56	00 01 02	#B37-016			SWW SWW	Z1 Z1			WORD BUS 56				
18240 16396 16492	P13 XA540 XA541	021 15 31			XA540 XA541	15 31			2BD 16B	9 9		H	SXSS57 SXSS57 SXSS57	00 01 02	#B37-017			SWW SWW	Z1 Z1			WORD BUS 57				
18241 16475 16400	P13 XA541 XA540	022 14 19			XA541 XA540	14 19			2BD 16B	9 9		H	SXSS58 SXSS58 SXSS58	00 01 02	#B37-018			SWW SWW	Z1 Z1			WORD BUS 58				
18242 16412 16476	P13 XA540 XA541	023 31 15			XA540 XA541	31 15			2BD 16B	9 9		H	SXSS59 SXSS59 SXSS59	00 01 02	#B37-019			SWW SWW	Z1 Z1			WORD BUS 59				
18243 16536 16421	P13 XA541 XA540	024 75 40			XA541 XA540	75 40			2BD 16B	9 9		H	SXSS60 SXSS60 SXSS60	00 01 02	#B37-020			SWW SWW	Z3 Z3			WORD BUS 60				
18244 16437 16534	P13 XA540 XA541	025 56 73			XA540 XA541	56 73			2BD 16B	9 9		H	SXSS61 SXSS61 SXSS61	00 01 02	#B37-021			SWW SWW	Z3 Z3			WORD BUS 61				
18245 16501 16456	P13 XA541 XA540	026 40 75			XA541 XA540	40 75			2BD 16B	9 9		H	SXSS62 SXSS62 SXSS62	00 01 02	#B37-022			SWW SWW	Z3 Z3			WORD BUS 62				
18246 16454	P13 XA540	027 73			XA540 XA541	73 56			2BD 16B	9 9		H	SXSS63 SXSS63	00 01	#B37-023			SWW	Z3			WORD BUS 63				
												****	SIGNAL	(SXSS63)	IS ON THE NEXT PAGE ****											

DRAWING NUMBER 149304-800 STRING UNIT ASSEMBLY NO. 149304 REV G INDEX SXSS63  
 UNIT ASSEMBLY NAME CARD CAGE WIRED, MCU FILE IDENT T39AMCMU DATE 09-02-82 PAGE 275

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	PREFIX	CONNECTOR	PIN	MULTI GROUP	CODE	COLOR	IDENT	SPEC INST MISC											
16517		XA541	56									SXSS63	02				SWW	Z3				
00126		J01	S3		J01	M3		1BD	2			VARDCD1	005				EX9					+10V VAR 1
00090		J01	M3		XA108	10		1BD	2			VARDCD1	01				EX9					
01403		XA108	10									VARDCD1	02				VSE	VR				
00127		J01	S3		XA108	09		1BD	2			VARDCD1	03				EX9					
01401		XA108	09									VARDCD1	04				VSE	VR				
00128		J01	S3		XA108	09		1BD	2			VARDCD1	05				EX9					
01402		XA108	09									VARDCD1	06				VSE	VR				
00120		J01	R6		J01	M5		1BD	2			VARDCD2	005				EX9					+10V VAR 2
00093		J01	M5		XA204	10		1BD	2			VARDCD2	01				EX9					
05134		XA204	10									VARDCD2	02				VSE	VR				
00121		J01	R6		XA204	09		1BD	2			VARDCD2	03				EX9					
05132		XA204	09									VARDCD2	04				VSE	VR				
00122		J01	R6		XA204	09		1BD	2			VARDCD2	05				EX9					
05133		XA204	09									VARDCD2	06				VSE	VR				
00115		J01	R4		J01	N4		1BD	2			VARDCD3	005				EX9					10V VAR 3
00099		J01	N4		XA305	10		1BD	2			VARDCD3	01				EX9					
07690		XA305	10									VARDCD3	02				VSE	VR				
00116		J01	R4		XA305	09		1BD	2			VARDCD3	03				EX9					+10V VAR 3
07688		XA305	09									VARDCD3	04				VSE	VR				
00117		J01	R4		XA305	09		1BD	2			VARDCD3	05				EX9					
07689		XA305	09									VARDCD3	06				VSE	VR				
00108		J01	P5		J01	N6		1BD	2			VARDCD4	005				EX9					10V VAR 4
00101		J01	N6		XA406	10		1BD	2			VARDCD4	01				EX9					
10363		XA406	10									VARDCD4	02				VSE	VR				
00109		J01	P5		XA406	09		1BD	2			VARDCD4	03				EX9					
10361		XA406	09									VARDCD4	04				VSE	VR				
00110		J01	P5		XA406	09		1BD	2			VARDCD4	05				EX9					
10362		XA406	09									VARDCD4	06				VSE	VR				
00104		J01	P3		J01	S5		1BD	2			VARDCD5	005				EX9					+10V VAR 5
00130		J01	S5		XA501	10		1BD	2			VARDCD5	01				EX9					
13382		XA501	10		XA529	77		1BD	2			VARDCD5	02				VSE	VR				
15576		XA529	77									VARDCD5	03				CSE					
00105		J01	P3		XA501	09		1BD	2			VARDCD5	04				EX9					
13381		XA501	09									VARDCD5	06				VSE	VR				
07314		XA301	01		XA421	09		168	9			WMBA0A1	01				FP					
11498		XA421	09		XA237	77		168	9			WMBA0A1	02				RR1	A5				
21069		XA237	77									WMBA0A1	03	MPBC3A	01	1	TQ2	F1			38B	
07316		XA301	03		XA421	08		168	9			WMBA1A1	01				FP					
11497		XA421	08		XA237	59		168	9			WMBA1A1	02				RR1	A4				
21065		XA237	59									WMBA1A1	03	MPBC2A	01	1	TQ2	E6			31B	
07318		XA301	05		XA421	07		168	9			WMBA2A1	01				FP					
								****	SIGNAL			WMBA2A1		IS ON THE	NEXT PAGE	****						

DRAWING NUMBER 149304-800 STRING UNIT ASSEMBLY NO. 149304 REV G INDEX WMBA2A1  
 UNIT ASSEMBLY NAME CARD CAGE WIRED, MCU FILE IDENT T39AMCMU DATE 09-02-82 PAGE 276

RECORD NUMBER	FROM			TO			WIRE				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											
11496 21062		XA421 XA237	07 53		XA237	53		16B	9						RR1 TQ2	A3 E3		28B			
07336 11495 21060		XA301 XA421 XA237	21 06 62		XA421 XA237	06 62		16B 16B	9						FP RR1 TQ2	A2 E2		29A			
07322 11507 23517		XA301 XA421 XA236	09 18 40		XA421 XA236	18 40		16B 16B	9						FP RR1 TT3	B2 C1		19A			
17489 13553		P12 XA503	018 13		XA503	13		28D	9		H	00YCA0 00YCA0	01 02	#B08-024		SWT	Z2			BIT 0 CM ANODE L0	
17487 13559		P12 XA503	020 18		XA503	18		28D	9		H	00YCA1 00YCA1	01 02	#B08-022		SWT	Z2			BIT 0 CM ANODE L1	
17485 13678		P12 XA504	022 49		XA504	49		28D	9		H	00YCA2 00YCA2	01 02	#B08-020		SWT	Z4			BIT 0 CM ANODE L2	
17483 13681		P12 XA504	024 52		XA504	52		28D	9		H	00YCA3 00YCA3	01 02	#B08-018		SWT	Z4			BIT 0 CM ANODE L3	
17481 13638		P12 XA504	026 13		XA504	13		28D	9		H	00YCA4 00YCA4	01 02	#B08-016		SWT	Z2			BIT 0 CM ANODE L4	
17480 13644		P12 XA504	030 18		XA504	18		28D	9		H	00YCA5 00YCA5	01 02	#B08-015		SWT	Z2			BIT 0 CM ANODE L5	
17478 13592		P12 XA503	032 49		XA503	49		28D	9		H	00YCA6 00YCA6	01 02	#B08-013		SWT	Z4			BIT 0 CM ANODE L6	
17476 13595		P12 XA503	034 52		XA503	52		28D	9		H	00YCA7 00YCA7	01 02	#B08-011		SWT	Z4			BIT 0 CM ANODE L7	
17488 13691		P12 XA504	019 61		XA504	61		28D	9		H	00YCC0 00YCC0	01 02	#B08-023		SWT	Z4			BIT 0 CM CATH L0	
17486 13694		P12 XA504	021 64		XA504	64		28D	9		H	00YCC1 00YCC1	01 02	#B08-021		SWT	Z4			BIT 0 CM CATH L1	
17484 13573		P12 XA503	023 31		XA503	31		28D	9		H	00YCC2 00YCC2	01 02	#B08-019		SWT	Z2			BIT 0 CM CATH L2	
17482 13565		P12 XA503	025 24		XA503	24		28D	9		H	00YCC3 00YCC3	01 02	#B08-017		SWT	Z2			BIT 0 CM CATH L3	
17466 13604		P12 XA503	082 61		XA503	61		28D	9		H	00YCC4 00YCC4	01 02	#B08-001		SWT	Z4			BIT 0 CM CATH L4	
								****		SIGNAL		00YCC5		IS ON THE				****			



DRAWING NUMBER 149304-800 STRING UNIT ASSEMBLY NO. 149304 REV G INDEX O0YCC5  
 UNIT ASSEMBLY NAME CARD CAGE WIRED, MCU FILE IDENT T39AMCMU DATE 09-02-82 PAGE 277

RECORD NUMBER	FROM				TO				WIRE				SPEC. MISC.	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	NO	PREFIX	CONNECTOR	PIN	NO	MULTI GROUP	CODE	COLOR	IDENT												
17479 13607	P12 XA503	031 64			XA503	64				2BD	9		H	00YCC5 00YCC5	01 02	#B08-014			SWT	Z4			BIT 0 CM CATH L5	
17477 13658	P12 XA504	033 31			XA504	31				2BD	9		H	00YCC6 00YCC6	01 02	#B08-012			SWT	Z2			BIT 0 CM CATH L6	
17475 13650	P12 XA504	035 24			XA504	24				2BD	9		H	00YCC7 00YCC7	01 02	#B08-010			SWT	Z2			BIT 0 CM CATH L7	
17474 13548 13640	P12 XA503 XA504	070 09 15			XA503 XA504	09 15				2BD 16B	9 9		H	00YSS0 00YSS0 00YSS0	00 01 02	#B08-009			SWT SWT	Z1 Z1			BIT 0 BUS 0	
17473 13647 13550	P12 XA504 XA503	071 21 11			XA504 XA503	21 11				2BD 16B	9 9		H	00YSS1 00YSS1 00YSS1	00 01 02	#B08-008			SWT SWT	Z1 Z1			BIT 0 BUS 1	
17472 13556 13633	P12 XA503 XA504	072 15 09			XA503 XA504	15 09				2BD 16B	9 9		H	00YSS2 00YSS2 00YSS2	00 01 02	#B08-007			SWT SWT	Z1 Z1			BIT 0 BUS 2	
17471 13635 13562	P12 XA504 XA503	073 11 21			XA504 XA503	11 21				2BD 16B	9 9		H	00YSS3 00YSS3 00YSS3	00 01 02	#B08-006			SWT SWT	Z1 Z1			BIT 0 BUS 3	
17470 13680 13587	P12 XA504 XA503	074 51 45			XA504 XA503	51 45				2BD 16B	9 9		H	00YSS4 00YSS4 00YSS4	00 01 02	#B08-005			SWT SWT	Z3 Z3			BIT 0 BUS 4	
17469 13582 13682	P12 XA503 XA504	075 40 53			XA503 XA504	40 53				2BD 16B	9 9		H	00YSS5 00YSS5 00YSS5	00 01 02	#B08-004			SWT SWT	Z3 Z3			BIT 0 BUS 5	
17468 13674 13594	P12 XA504 XA503	076 45 51			XA504 XA503	45 51				2BD 16B	9 9		H	00YSS6 00YSS6 00YSS6	00 01 02	#B08-003			SWT SWT	Z3 Z3			BIT 0 BUS 6	
17467 13668 13596	P12 XA504 XA503	077 40 53			XA504 XA503	40 53				2BD 16B	9 9		H	00YSS7 00YSS7 00YSS7	00 01 02	#B08-002			SWT SWT	Z3 Z3			BIT 0 BUS 7	
17513 13724	P12 XA505	003 13			XA505	13				2BD	9		H	01YCA0 01YCA0	01 02	#B09-024			SWT	Z2			BIT 1 CM ANODE L0	
17498 13729	P12 XA505	061 18			XA505	18				2BD	9		H	01YCA1 01YCA1	01 02	#B09-009			SWT	Z2			BIT 1 CM ANODE L1	
17510 13840	P12 XA506	006 49			XA506	49				2BD	9		H	01YCA2 01YCA2	01 02	#B09-021			SWT	Z4			BIT 1 CM ANODE L2	
												****	SIGNAL	(01YCA3)	IS ON THE NEXT PAGE ****									

DRAWING NUMBER 149304-800 STRING UNIT ASSEMBLY NO. 149304 REV G INDEX 01YCA3  
 UNIT ASSEMBLY NAME CARD CAGE WIRED, MCU FILE IDENT T39AMCMU DATE 09-02-82 PAGE 278

RECORD NUMBER	FROM				TO				WIRE			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 72	PREFIX	CONNECTOR	PIN	SH 72	MULTI GROUP	CODE	COLCR											
17508 13843	P12 XA506	008 52			XA506	52			2BD	9		H 01YCA3 01YCA3	01 02	#B09-019			SWT	Z4			BIT 1 CM ANODE L3	
17506 13804	P12 XA506	010 13			XA506	13			2BD	9		H 01YCA4 01YCA4	01 02	#B09-017			SWT	Z2			BIT 1 CM ANODE L4	
17504 13809	P12 XA506	012 18			XA506	18			2BD	9		H 01YCA5 01YCA5	01 02	#B09-015			SWT	Z2			BIT 1 CM ANODE L5	
17502 13760	P12 XA505	014 49			XA505	49			2BD	9		H 01YCA6 01YCA6	01 02	#B09-013			SWT	Z4			BIT 1 CM ANODE L6	
17500 13763	P12 XA505	016 52			XA505	52			2BD	9		H 01YCA7 01YCA7	01 02	#B09-011			SWT	Z4			BIT 1 CM ANODE L7	
17512 13852	P12 XA506	004 61			XA506	61			2BD	9		H 01YCC0 01YCC0	01 02	#B09-023			SWT	Z4			BIT 1 CM CATH L0	
17511 13855	P12 XA506	005 64			XA506	64			2BD	9		H 01YCC1 01YCC1	01 02	#B09-022			SWT	Z4			BIT 1 CM CATH L1	
17509 13742	P12 XA505	007 31			XA505	31			2BD	9		H 01YCC2 01YCC2	01 02	#B09-020			SWT	Z2			BIT 1 CM CATH L2	
17507 13735	P12 XA505	009 24			XA505	24			2BD	9		H 01YCC3 01YCC3	01 02	#B09-018			SWT	Z2			BIT 1 CM CATH L3	
17505 13772	P12 XA505	011 61			XA505	61			2BD	9		H 01YCC4 01YCC4	01 02	#B09-016			SWT	Z4			BIT 1 CM CATH L4	
17503 13775	P12 XA505	013 64			XA505	64			2BD	9		H 01YCC5 01YCC5	01 02	#B09-014			SWT	Z4			BIT 1 CM CATH L5	
17501 13822	P12 XA506	015 31			XA506	31			2BD	9		H 01YCC6 01YCC6	01 02	#B09-012			SWT	Z2			BIT 1 CM CATH L6	
17499 13815	P12 XA506	017 24			XA506	24			2BD	9		H 01YCC7 01YCC7	01 02	#B09-010			SWT	Z2			BIT 1 CM CATH L7	
17497 13806 13720	P12 XA506 XA505	062 15 09			XA506 XA505	15 09			2BD 16B	9 9		H 01YSS0 01YSS0 01YSS0	00 01 02	#B09-008			SWT SWT	Z1 Z1			BIT 1 BUS 0	
17496 13722 13812	P12 XA505 XA506	063 11 21			XA505 XA506	11 21			2BD 16B	9 9		H 01YSS1 01YSS1 01YSS1	00 01 02	#B09-007			SWT SWT	Z1 Z1			BIT 1 BUS 1	
17495 13726 13800	P12 XA505 XA506	064 15 09			XA505 XA506	15 09			2BD 16B	9 9		H 01YSS2 01YSS2 01YSS2	00 01 02	#B09-006			SWT SWT	Z1 Z1			BIT 1 BUS 2	

DRAWING NUMBER 149304-800 STRING UNIT ASSEMBLY NO. 149304 REV G INDEX 01YSS2  
 UNIT ASSEMBLY NAME CARD CAGE WIRED, MCU FILE IDENT T39AMCMU DATE 09-02-82 PAGE 279

RECORD NUMBER	FROM			TO			WIRE				SPEC. PART NAME	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	PREFIX	CONNECTOR	PIN	SIZE	MULTI GROUP	CODE	COLOR													IDENT
17494 13802 13732	P12 XA506 XA505	065 11 21		XA506 XA505	11 21			28D 16B	9 9			H 01YSS3 01YSS3 01YSS3	00 01 02	#B09-005			SWT SWT	Z1 Z1			BIT 1 BUS 3		
17493 13756 13842	P12 XA505 XA506	066 45 51		XA505 XA506	45 51			28D 16B	9 9			H 01YSS4 01YSS4 01YSS4	00 01 02	#B09-004			SWT SWT	Z3 Z3			BIT 1 BUS 4		
17492 13844 13751	P12 XA506 XA505	067 53 40		XA506 XA505	53 40			28D 16B	9 9			H 01YSS5 01YSS5 01YSS5	00 01 02	#B09-003			SWT SWT	Z3 Z3			BIT 1 BUS 5		
17491 13836 13762	P12 XA506 XA505	068 45 51		XA506 XA505	45 51			28D 16B	9 9			H 01YSS6 01YSS6 01YSS6	00 01 02	#B09-002			SWT SWT	Z3 Z3			BIT 1 BUS 6		
17490 13831 13764	P12 XA506 XA505	069 40 53		XA506 XA505	40 53			28D 16B	9 9			H 01YSS7 01YSS7 01YSS7	00 01 02	#B09-001			SWT SWT	Z3 Z3			BIT 1 BUS 7		
17364 10526	P11 XA408	044 13		XA408	13			28D	9			H 02YCA0 02YCA0	01 02	#B04-023			SWT	Z2			BIT 2 CM ANODE L0		
17362 10532	P11 XA408	046 18		XA408	18			28D	9			H 02YCA1 02YCA1	01 02	#B04-021			SWT	Z2			BIT 2 CM ANODE L1		
17360 10644	P11 XA409	048 49		XA409	49			28D	9			H 02YCA2 02YCA2	01 02	#B04-019			SWT	Z4			BIT 2 CM ANODE L2		
17358 10647	P11 XA409	050 52		XA409	52			28D	9			H 02YCA3 02YCA3	01 02	#B04-017			SWT	Z4			BIT 2 CM ANODE L3		
17356 10608	P11 XA409	052 13		XA409	13			28D	9			H 02YCA4 02YCA4	01 02	#B04-015			SWT	Z2			BIT 2 CM ANODE L4		
17354 10613	P11 XA409	054 18		XA409	18			28D	9			H 02YCA5 02YCA5	01 02	#B04-013			SWT	Z2			BIT 2 CM ANODE L5		
17366 10564	P12 XA408	001 49		XA408	49			28D	9			H 02YCA6 02YCA6	01 02	#B04-025			SWT	Z4			BIT 2 CM ANODE L6		
17365 10567	P12 XA408	002 52		XA408	52			28D	9			H 02YCA7 02YCA7	01 02	#B04-024			SWT	Z4			BIT 2 CM ANODE L7		
17363 10656	P11 XA409	045 61		XA409	61			28D	9			H 02YCC0 02YCC0	01 02	#B04-022			SWT	Z4			BIT 2 CM CATH L0		
17361	P11	047		XA409	64			28D	9			H 02YCC1	01	#B04-020							BIT 2 CM CATH L1		
***												SIGNAL	02YCC1	IS ON THE NEXT PAGE ***									

DRAWING NUMBER 149304-800 STRING UNIT ASSEMBLY NO. 149304 REV G INDEX 02YCC1  
 UNIT ASSEMBLY NAME CARD CAGE WIRED, MCU FILE IDENT T39AMCMU DATE 09-02-82 PAGE 280

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	SPEC	PREFIX	CONNECTOR	PIN	SPEC	MULTI GROUP	CODE	COLOR	IDENT											
10659		XA409	64										02YCC1	02				SWT	Z4				
17359 10545	P11 XA408	049 31			XA408	31			28D	9		H	02YCC2 02YCC2	01 02	#B04-018			SWT	Z2			BIT 2 CM CATH L2	
17357 10538	P11 XA408	051 24			XA408	24			28D	9		H	02YCC3 02YCC3	01 02	#B04-016			SWT	Z2			BIT 2 CM CATH L3	
17355 10576	P11 XA408	053 61			XA408	61			28D	9		H	02YCC4 02YCC4	01 02	#B04-014			SWT	Z4			BIT 2 CM CATH L4	
17353 10579	P11 XA408	055 64			XA408	64			28D	9		H	02YCC5 02YCC5	01 02	#B04-012			SWT	Z4			BIT 2 CM CATH L5	
17352 10626	P12 XA409	057 31			XA409	31			28D	9		H	02YCC6 02YCC6	01 02	#B04-011			SWT	Z2			BIT 2 CM CATH L6	
17351 10619	P12 XA409	058 24			XA409	24			28D	9		H	02YCC7 02YCC7	01 02	#B04-010			SWT	Z2			BIT 2 CM CATH L7	
17350 10610 10522	P11 XA409 XA408	101 15 09			XA409 XA408	15 09			28D 168	9 9		H	02YSS0 02YSS0 02YSS0	00 01 02	#B04-009			SWT SWT	Z1 Z1			BIT 2 BUS 0	
17349 10616 10524	P11 XA409 XA408	102 21 11			XA409 XA408	21 11			28D 168	9 9		H	02YSS1 02YSS1 02YSS1	00 01 02	#B04-008			SWT SWT	Z1 Z1			BIT 2 BUS 1	
17348 10604 10529	P11 XA409 XA408	103 09 15			XA409 XA408	09 15			28D 168	9 9		H	02YSS2 02YSS2 02YSS2	00 01 02	#B04-007			SWT SWT	Z1 Z1			BIT 2 BUS 2	
17347 10606 10535	P11 XA409 XA408	104 11 21			XA409 XA408	11 21			28D 168	9 9		H	02YSS3 02YSS3 02YSS3	00 01 02	#B04-006			SWT SWT	Z1 Z1			BIT 2 BUS 3	
17346 10559 10646	P11 XA408 XA409	105 45 51			XA408 XA409	45 51			28D 168	9 9		H	02YSS4 02YSS4 02YSS4	00 01 02	#B04-005			SWT SWT	Z3 Z3			BIT 2 BUS 4	
17345 10648 10554	P11 XA409 XA408	106 53 40			XA409 XA408	53 40			28D 168	9 9		H	02YSS5 02YSS5 02YSS5	00 01 02	#B04-004			SWT SWT	Z3 Z3			BIT 2 BUS 5	
17344 10566 10640	P11 XA408 XA409	107 51 45			XA408 XA409	51 45			28D 168	9 9		H	02YSS6 02YSS6 02YSS6	00 01 02	#B04-003			SWT SWT	Z3 Z3			BIT 2 BUS 6	
17343 10635	P11 XA409	108 40			XA409 XA408	40 53			28D 168	9 9		H	02YSS7 02YSS7	00 01	#B04-002			SWT	Z3			BIT 2 BUS 7	
									****	SIGNAL		02YSS7	IS ON THE NEXT PAGE ****										

DRAWING NUMBER 149304-800 STRING UNIT ASSEMBLY NO. 149304 REV G INDEX 02YSS7  
 UNIT ASSEMBLY NAME CARD CAGE WIRED, MCU FILE IDENT T39AMCMU DATE 09-02-82 PAGE 281

RECORD NUMBER	FROM			TO			WIRE					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												
10568		XA408	53									02YSS7	02				SWT	Z3				
17390 10688	P11 XA410	026 13		XA410	13		28D	9		H	03YCA0 03YCA0	01 02	#B05-024				SWT	Z2				BIT 3 CM ANODE L0
17388 10693	P11 XA410	030 18		XA410	18		28D	9		H	03YCA1 03YCA1	01 02	#B05-022				SWT	Z2				BIT 3 CM ANODE L1
17386 10804	P11 XA411	032 49		XA411	49		28D	9		H	03YCA2 03YCA2	01 02	#B05-020				SWT	Z4				BIT 3 CM ANODE L2
17384 10807	P11 XA411	034 52		XA411	52		28D	9		H	03YCA3 03YCA3	01 02	#B05-018				SWT	Z4				BIT 3 CM ANODE L3
17382 10768	P11 XA411	036 13		XA411	13		28D	9		H	03YCA4 03YCA4	01 02	#B05-016				SWT	Z2				BIT 3 CM ANODE L4
17380 10773	P11 XA411	038 18		XA411	18		28D	9		H	03YCA5 03YCA5	01 02	#B05-014				SWT	Z2				BIT 3 CM ANODE L5
17378 10724	P11 XA410	040 49		XA410	49		28D	9		H	03YCA6 03YCA6	01 02	#B05-012				SWT	Z4				BIT 3 CM ANODE L6
17376 10727	P11 XA410	042 52		XA410	52		28D	9		H	03YCA7 03YCA7	01 02	#B05-010				SWT	Z4				BIT 3 CM ANODE L7
17389 10816	P11 XA411	027 61		XA411	61		28D	9		H	03YCC0 03YCC0	01 02	#B05-023				SWT	Z4				BIT 3 CM CATH L0
17387 10819	P11 XA411	031 64		XA411	64		28D	9		H	03YCC1 03YCC1	01 02	#B05-021				SWT	Z4				BIT 3 CM CATH L1
17385 10706	P11 XA410	033 31		XA410	31		28D	9		H	03YCC2 03YCC2	01 02	#B05-019				SWT	Z2				BIT 3 CM CATH L2
17383 10699	P11 XA410	035 24		XA410	24		28D	9		H	03YCC3 03YCC3	01 02	#B05-017				SWT	Z2				BIT 3 CM CATH L3
17381 10736	P11 XA410	037 61		XA410	61		28D	9		H	03YCC4 03YCC4	01 02	#B05-015				SWT	Z4				BIT 3 CM CATH L4
17379 10739	P11 XA410	039 64		XA410	64		28D	9		H	03YCC5 03YCC5	01 02	#B05-013				SWT	Z4				BIT 3 CM CATH L5
17377 10786	P11 XA411	041 31		XA411	31		28D	9		H	03YCC6 03YCC6	01 02	#B05-011				SWT	Z2				BIT 3 CM CATH L6
17375 10779	P11 XA411	043 24		XA411	24		28D	9		H	03YCC7 03YCC7	01 02	#B05-009				SWT	Z2				BIT 3 CM CATH L7
							****				SIGNAL	03YSS0		IS ON THE				NEXT PAGE		****		

DRAWING NUMBER 149304-800 STRING UNIT ASSEMBLY NO. 149304 REV G INDEX 03YSS0  
 UNIT ASSEMBLY NAME CARD CAGE WIRED, MCU FILE IDENT T39AMCMU DATE 09-02-82 PAGE 282

RECORD NUMBER	FROM			BIF	TO			BIF	WIRE				SFC 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
	PREFIX	CONNECTOR	PIN		PREFIX	CONNECTOR	PIN		MULTI GROUP	CODE	COLOR	IDENT												
17374 10770 10684	P11 XA411 XA410	081 15 09			XA411 XA410	15 09			2BD 16B	9 9			H 03YSS0 03YSS0 03YSS0	00 01 02	#B05-008			SWT SWT	Z1 Z1				BIT 3 BUS 0	
17373 10776 10686	P11 XA411 XA410	082 21 11			XA411 XA410	21 11			2BD 16B	9 9			H 03YSS1 03YSS1 03YSS1	00 01 02	#B05-007			SWT SWT	Z1 Z1				BIT 3 BUS 1	
17372 10764 10690	P11 XA411 XA410	088 09 15			XA411 XA410	09 15			2BD 16B	9 9			H 03YSS2 03YSS2 03YSS2	00 01 02	#B05-006			SWT SWT	Z1 Z1				BIT 3 BUS 2	
17371 10696 10766	P11 XA410 XA411	089 21 11			XA410 XA411	21 11			2BD 16B	9 9			H 03YSS3 03YSS3 03YSS3	00 01 02	#B05-005			SWT SWT	Z1 Z1				BIT 3 BUS 3	
17370 10720 10806	P11 XA410 XA411	090 45 51			XA410 XA411	45 51			2BD 16B	9 9			H 03YSS4 03YSS4 03YSS4	00 01 02	#B05-004			SWT SWT	Z3 Z3				BIT 3 BUS 4	
17369 10715 10808	P11 XA410 XA411	091 40 53			XA410 XA411	40 53			2BD 16B	9 9			H 03YSS5 03YSS5 03YSS5	00 01 02	#B05-003			SWT SWT	Z3 Z3				BIT 3 BUS 5	
17368 10726 10800	P11 XA410 XA411	092 51 45			XA410 XA411	51 45			2BD 16B	9 9			H 03YSS6 03YSS6 03YSS6	00 01 02	#B05-002			SWT SWT	Z3 Z3				BIT 3 BUS 6	
17367 10728 10795	P11 XA410 XA411	093 53 40			XA410 XA411	53 40			2BD 16B	9 9			H 03YSS7 03YSS7 03YSS7	00 01 02	#B05-001			SWT SWT	Z3 Z3				BIT 3 BUS 7	
17417 07853	P11 XA307	010 13			XA307	13			2BD	9			H 04YCA0 04YCA0	01 02	#B06-026			SWT	Z2				BIT 4 CM ANODE L0	
17415 07859	P11 XA307	012 18			XA307	18			2BD	9			H 04YCA1 04YCA1	01 02	#B06-024			SWT	Z2				BIT 4 CM ANODE L1	
17413 07971	P11 XA308	014 49			XA308	49			2BD	9			H 04YCA2 04YCA2	01 02	#B06-022			SWT	Z4				BIT 4 CM ANODE L2	
17411 07974	P11 XA308	016 52			XA308	52			2BD	9			H 04YCA3 04YCA3	01 02	#B06-020			SWT	Z4				BIT 4 CM ANODE L3	
17409 07935	P11 XA308	018 13			XA308	13			2BD	9			H 04YCA4 04YCA4	01 02	#B06-018			SWT	Z2				BIT 4 CM ANODE L4	
17407 07940	P11 XA308	020 18			XA308	18			2BD	9			H 04YCA5 04YCA5	01 02	#B06-016			SWT	Z2				BIT 4 CM ANODE L5	
									****				SIGNAL										IS ON THE NEXT PAGE	****

DRAWING NUMBER 149304-800 STRING UNIT ASSEMBLY NO. 149304 REV G INDEX 04YCA6  
 UNIT ASSEMBLY NAME CARD CAGE WIRED, MCU FILE IDENT T39AMCMU DATE 09-02-82 PAGE 283

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	FIN	PREFIX	CONNECTOR	FIN	MULTI GROUP	CODE	COLOR	IDENT												
17405 07891	P11 XA307	022 49		XA307	49		2BD	9		H	04YCA6 04YCA6	01 02	#B06-014			SWT	Z4			BIT 4 CM ANODE L6		
17403 07894	P11 XA307	024 52		XA307	52		2BD	9		H	04YCA7 04YCA7	01 02	#B06-012			SWT	Z4			BIT 4 CM ANODE L7		
17416 07983	P11 XA308	011 61		XA308	61		2BD	9		H	04YCC0 04YCC0	01 02	#B06-025			SWT	Z4			BIT 4 CM CATH L0		
17414 07986	P11 XA308	013 64		XA308	64		2BD	9		H	04YCC1 04YCC1	01 02	#B06-023			SWT	Z4			BIT 4 CM CATH L1		
17412 07872	P11 XA307	015 31		XA307	31		2BD	9		H	04YCC2 04YCC2	01 02	#B06-021			SWT	Z2			BIT 4 CM CATH L2		
17410 07865	P11 XA307	017 24		XA307	24		2BD	9		H	04YCC3 04YCC3	01 02	#B06-019			SWT	Z2			BIT 4 CM CATH L3		
17408 07903	P11 XA307	019 61		XA307	61		2BD	9		H	04YCC4 04YCC4	01 02	#B06-017			SWT	Z4			BIT 4 CM CATH L4		
17406 07906	P11 XA307	021 64		XA307	64		2BD	9		H	04YCC5 04YCC5	01 02	#B06-015			SWT	Z4			BIT 4 CM CATH L5		
17404 07953	P11 XA308	023 31		XA308	31		2BD	9		H	04YCC6 04YCC6	01 02	#B06-013			SWT	Z2			BIT 4 CM CATH L6		
17402 07946	P11 XA308	025 24		XA308	24		2BD	9		H	04YCC7 04YCC7	01 02	#B06-011			SWT	Z2			BIT 4 CM CATH L7		
17399 07849 07937	P11 XA307 XA308	058 09 15		XA307 XA308	09 15		2BD 16B	9 9		H	04YSS0 04YSS0 04YSS0	00 01 02	#B06-009			SWT SWT	Z1 Z1			BIT 4 BUS 0		
17398 07943 07851	P11 XA308 XA307	059 21 11		XA308 XA307	21 11		2BD 16B	9 9		H	04YSS1 04YSS1 04YSS1	00 01 02	#B06-008			SWT SWT	Z1 Z1			BIT 4 BUS 1		
17397 07856 07931	P11 XA307 XA308	060 15 09		XA307 XA308	15 09		2BD 16B	9 9		H	04YSS2 04YSS2 04YSS2	00 01 02	#B06-007			SWT SWT	Z1 Z1			BIT 4 BUS 2		
17396 07933 07862	P11 XA308 XA307	061 11 21		XA308 XA307	11 21		2BD 16B	9 9		H	04YSS3 04YSS3 04YSS3	00 01 02	#B06-006			SWT SWT	Z1 Z1			BIT 4 BUS 3		
17395 07886 07973	P11 XA307 XA308	062 45 51		XA307 XA308	45 51		2BD 16B	9 9		H	04YSS4 04YSS4 04YSS4	00 01 02	#B06-005			SWT SWT	Z3 Z3			BIT 4 BUS 4		
							****	SIGNAL			04YSS5		IS ON THE NEXT PAGE				****					

DRAWING NUMBER 149304-800 STRING  
 UNIT ASSEMBLY NAME CARD CAGE WIRED, MCU

UNIT ASSEMBLY NO. 149304  
 FILE IDENT T39AMCMU

REV G INDEX 04YSS5  
 DATE 09-02-82 PAGE 284

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	FIN	PREFIX	CONNECTOR	PIK	SIZE	MULTI GROUP	CODE	COLOR												IDENT
17394 07975 07881	P11 XA308 XA307	063 53 40		XA308 XA307	53 40			2BD 16B	9			H 04YSS5 04YSS5 04YSS5	00 01 02	#B06-004							BIT 4 BUS 5	
17393 07893 07967	P11 XA307 XA308	064 51 45		XA307 XA308	51 45			2BD 16B	9			H 04YSS6 04YSS6 04YSS6	00 01 02	#B06-003							BIT 4 BUS 6	
17392 07962 07895	P11 XA308 XA307	065 40 53		XA308 XA307	40 53			2BD 16B	9			H 04YSS7 04YSS7 04YSS7	00 01 02	#B06-002							BIT 4 BUS 7	
17285 05297	P10 XA206	048 13		XA206	13			2BD	9			H 05YCA0 05YCA0	01 02	#B01-016							BIT 5 CM ANODE L0	
17283 05303	P10 XA206	050 18		XA206	18			2BD	9			H 05YCA1 05YCA1	01 02	#B01-014							BIT 5 CM ANODE L1	
17281 05417	P10 XA207	052 49		XA207	49			2BD	9			H 05YCA2 05YCA2	01 02	#B01-012							BIT 5 CM ANODE L2	
17279 05420	P10 XA207	054 52		XA207	52			2BD	9			H 05YCA3 05YCA3	01 02	#B01-010							BIT 5 CM ANODE L3	
17293 05379	P11 XA207	002 13		XA207	13			2BD	9			H 05YCA4 05YCA4	01 02	#B01-024							BIT 5 CM ANODE L4	
17291 05385	P11 XA207	004 18		XA207	18			2BD	9			H 05YCA5 05YCA5	01 02	#B01-022							BIT 5 CM ANODE L5	
17289 05335	P11 XA206	006 49		XA206	49			2BD	9			H 05YCA6 05YCA6	01 02	#B01-020							BIT 5 CM ANODE L6	
17287 05338	P11 XA206	008 52		XA206	52			2BD	9			H 05YCA7 05YCA7	01 02	#B01-018							BIT 5 CM ANODE L7	
17284 05429	P10 XA207	049 61		XA207	61			2BD	9			H 05YCC0 05YCC0	01 02	#B01-015							BIT 5 CM CATH L0	
17282 05432	P10 XA207	051 64		XA207	64			2BD	9			H 05YCC1 05YCC1	01 02	#B01-013							BIT 5 CM CATH L1	
17280 05316	P10 XA206	053 31		XA206	31			2BD	9			H 05YCC2 05YCC2	01 02	#B01-011							BIT 5 CM CATH L2	
17278 05309	P10 XA206	055 24		XA206	24			2BD	9			H 05YCC3 05YCC3	01 02	#B01-009							BIT 5 CM CATH L3	
17292 05347	P11 XA206	003 61		XA206	61			2BD	9			H 05YCC4 05YCC4	01 02	#B01-023							BIT 5 CM CATH L4	



DRAWING NUMBER 149304-800 STRING UNIT ASSEMBLY NO. 149304 REV G INDEX 05YCC5  
 UNIT ASSEMBLY NAME CARD CAGE WIRED, MCU FILE IDENT T39AMCMU DATE 09-02-82 PAGE 285

RECORD NUMBER	FROM				TO				WIRE				SFC	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	
	PREFIX	CONNECTOR	PIN	SIZE	PREFIX	CONNECTOR	PIN	SIZE	MULTI GROUP	CODE	COLOR	IDENT															
17290 05350	P11 XA206	005 64			XA206	64				2BD	9		H	05YCC5 05YCC5	01 02	#B01-021					SWT	74			BIT 5 CM CATH L5		
17288 05398	P11 XA207	007 31			XA207	31				2BD	9		H	05YCC6 05YCC6	01 02	#B01-019					SWT	22			BIT 5 CM CATH L6		
17286 05391	P11 XA207	009 24			XA207	24				2BD	9		H	05YCC7 05YCC7	01 02	#B01-017					SWT	22			BIT 5 CM CATH L7		
17277 05293 05382	P10 XA206 XA207	104 09 15			XA206 XA207	09 15				2BD 16B	9 9		H	05YSS0 05YSS0 05YSS0	00 01 02	#B01-008					SWT SWT	21 21			BIT 5 BUS 0		
17276 05388 05295	P10 XA207 XA206	105 21 11			XA207 XA206	21 11				2BD 16B	9 9		H	05YSS1 05YSS1 05YSS1	00 01 02	#B01-007					SWT SWT	21 21			BIT 5 BUS 1		
17275 05300 05375	P10 XA206 XA207	106 15 09			XA206 XA207	15 09				2BD 16B	9 9		H	05YSS2 05YSS2 05YSS2	00 01 02	#B01-006					SWT SWT	21 21			BIT 5 BUS 2		
17274 05377 05306	P10 XA207 XA206	107 11 21			XA207 XA206	11 21				2BD 16B	9 9		H	05YSS3 05YSS3 05YSS3	00 01 02	#B01-005					SWT SWT	21 21			BIT 5 BUS 3		
17273 05419 05330	P10 XA207 XA206	108 51 45			XA207 XA206	51 45				2BD 16B	9 9		H	05YSS4 05YSS4 05YSS4	00 01 02	#B01-004					SWT SWT	23 23			BIT 5 BUS 4		
17272 05325 05421	P10 XA206 XA207	109 40 53			XA206 XA207	40 53				2BD 16B	9 9		H	05YSS5 05YSS5 05YSS5	00 01 02	#B01-003					SWT SWT	23 23			BIT 5 BUS 5		
17271 05337 05412	P10 XA206 XA207	110 51 45			XA206 XA207	51 45				2BD 16B	9 9		H	05YSS6 05YSS6 05YSS6	00 01 02	#B01-002					SWT SWT	23 23			BIT 5 BUS 6		
17270 05407 05339	P10 XA207 XA206	111 40 53			XA207 XA206	40 53				2BD 16B	9 9		H	05YSS7 05YSS7 05YSS7	00 01 02	#B01-001					SWT SWT	23 23			BIT 5 BUS 7		
17317 01566	P10 XA110	032 13			XA110	13				2BD	9		H	06YCA0 06YCA0	01 02	#B02-024					SWT	22			BIT 6 CM ANODE L0		
17315 01572	P10 XA110	034 18			XA110	18				2BD	9		H	06YCA1 06YCA1	01 02	#B02-022					SWT	22			BIT 6 CM ANODE L1		
17313	P10	036			XA111	49				2BD	9		H	06YCA2	01	#B02-020									BIT 6 CM ANODE L2		
										***			SIGNAL	06YCA2		IS ON THE									NEXT PAGE	***	

DRAWING NUMBER 149304-800 STRING UNIT ASSEMBLY NO. 149304 REV G INDEX 06YCA2  
 UNIT ASSEMBLY NAME CARD CAGE WIRED, MCU FILE IDENT T39AMCMU DATE 09-02-82 PAGE 286

RECORD NUMBER	FROM				TO				WIRE			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	SN TO	PREFIX	CONNECTOR	PIN	SN TO	MULTI GROUP	CODE	COLCR											
01684		XA111	49									06YCA2	02				SWT	Z4				
17311		P10	038		XA111	52			2BD	9		06YCA3	01	#B02-018			SWT	Z4				BIT 6 CM ANODE L3
01687		XA111	52									06YCA3	02									
17309		P10	040		XA111	13			2BD	9		06YCA4	01	#B02-016								BIT 6 CM ANODE L4
01648		XA111	13									06YCA4	02				SWT	Z2				
17307		P10	042		XA111	18			2BD	9		06YCA5	01	#B02-014								BIT 6 CM ANODE L5
01653		XA111	18									06YCA5	02				SWT	Z2				
17305		P10	044		XA110	49			2BD	9		06YCA6	01	#B02-012								BIT 6 CM ANODE L6
01604		XA110	49									06YCA6	02				SWT	Z4				
17303		P10	046		XA110	52			2BD	9		06YCA7	01	#B02-010								BIT 6 CM ANODE L7
01607		XA110	52									06YCA7	02				SWT	Z4				
17316		P10	033		XA111	61			2BD	9		06YCC0	01	#B02-023								BIT 6 CM CATH L0
01696		XA111	61									06YCC0	02				SWT	Z4				
17314		P10	035		XA111	64			2BD	9		06YCC1	01	#B02-021								BIT 6 CM CATH L1
01699		XA111	64									06YCC1	02				SWT	Z4				
17312		P10	037		XA110	31			2BD	9		06YCC2	01	#B02-019								BIT 6 CM CATH L2
01585		XA110	31									06YCC2	02				SWT	Z2				
17310		P10	039		XA110	24			2BD	9		06YCC3	01	#B02-017								BIT 6 CM CATH L3
01578		XA110	24									06YCC3	02				SWT	Z2				
17308		P10	041		XA110	61			2BD	9		06YCC4	01	#B02-015								BIT 6 CM CATH L4
01616		XA110	61									06YCC4	02				SWT	Z4				
17306		P10	043		XA110	64			2BD	9		06YCC5	01	#B02-013								BIT 6 CM CATH L5
01619		XA110	64									06YCC5	02				SWT	Z4				
17304		P10	045		XA111	31			2BD	9		06YCC6	01	#B02-011								BIT 6 CM CATH L6
01666		XA111	31									06YCC6	02				SWT	Z2				
17302		P10	047		XA111	24			2BD	9		06YCC7	01	#B02-009								BIT 6 CM CATH L7
01659		XA111	24									06YCC7	02				SWT	Z2				
17301		P10	086		XA110	09			2BD	9		06YSS0	00	#B02-008								BIT 6 BUS 0
01562		XA110	09		XA111	15			16B	9		06YSS0	01				SWT	Z1				
01650		XA111	15									06YSS0	02				SWT	Z1				
17300		P10	087		XA111	21			2BD	9		06YSS1	00	#B02-007								BIT 6 BUS 1
01656		XA111	21		XA110	11			16B	9		06YSS1	01				SWT	Z1				
01564		XA110	11									06YSS1	02				SWT	Z1				
17299		P10	088		XA110	15			2BD	9		06YSS2	00	#B02-006								BIT 6 BUS 2
									****		SIGNAL	06YSS2		IS ON THE		NEXT PAGE	****					

DRAWING NUMBER 149304-800 STRING UNIT ASSEMBLY NO. 149304 REV G INDEX 06YSS2  
 UNIT ASSEMBLY NAME CARD CAGE WIRED, MCU FILE IDENT T39AMCMU DATE 09-02-82 PAGE 287

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	PIH	INFE	PREFIX	CONNECTOR	PIH	INFE	MULTI GROUP	CODE	COLOR											
01569		XA110	15									06YSS2	01				SWT	Z1				
01644		XA111	09		XA111	09			16B	9		06YSS2	02				SWT	Z1				
17298		P10	089		XA111	11			28D	9		06YSS3	00	#B02-005								BIT 6 BUS 3
01646		XA111	11		XA110	21			16B	9		06YSS3	01				SWT	Z1				
01575		XA110	21									06YSS3	02				SWT	Z1				
17297		P10	090		XA110	45			28D	9		06YSS4	00	#B02-004								BIT 6 BUS 4
01599		XA110	45		XA111	51			16B	9		06YSS4	01				SWT	Z3				
01686		XA111	51									06YSS4	02				SWT	Z3				
17296		P10	091		XA111	53			28D	9		06YSS5	00	#B02-003								BIT 6 BUS 5
01688		XA111	53		XA110	40			16B	9		06YSS5	01				SWT	Z3				
01594		XA110	40									06YSS5	02				SWT	Z3				
17295		P10	092		XA110	51			28D	9		06YSS6	00	#B02-002								BIT 6 BUS 6
01606		XA110	51		XA111	45			16B	9		06YSS6	01				SWT	Z3				
01680		XA111	45									06YSS6	02				SWT	Z3				
17294		P10	093		XA111	40			28D	9		06YSS7	00	#B02-001								BIT 6 BUS 7
01675		XA111	40		XA110	53			16B	9		06YSS7	01				SWT	Z3				
01608		XA110	53									06YSS7	02				SWT	Z3				
17341		P10	014		XA112	13			28D	9		07YCA0	01	#B03-024								BIT 7 CM ANODE L0
01728		XA112	13									07YCA0	02				SWT	Z2				
17339		P10	016		XA112	18			28D	9		07YCA1	01	#B03-022								BIT 7 CM ANODE L1
01733		XA112	18									07YCA1	02				SWT	Z2				
17337		P10	018		XA113	49			28D	9		07YCA2	01	#B03-020								BIT 7 CM ANODE L2
01844		XA113	49									07YCA2	02				SWT	Z4				
17335		P10	020		XA113	52			28D	9		07YCA3	01	#B03-018								BIT 7 CM ANODE L3
01847		XA113	52									07YCA3	02				SWT	Z4				
17333		P10	022		XA113	13			28D	9		07YCA4	01	#B03-016								BIT 7 CM ANODE L4
01808		XA113	13									07YCA4	02				SWT	Z2				
17331		P10	024		XA113	18			28D	9		07YCA5	01	#B03-014								BIT 7 CM ANODE L5
01813		XA113	18									07YCA5	02				SWT	Z2				
17329		P10	026		XA112	49			28D	9		07YCA6	01	#B03-012								BIT 7 CM ANODE L6
01764		XA112	49									07YCA6	02				SWT	Z4				
17327		P10	030		XA112	52			28D	9		07YCA7	01	#B03-010								BIT 7 CM ANODE L7
01767		XA112	52									07YCA7	02				SWT	Z4				
17340		P10	015		XA113	61			28D	9		07YCC0	01	#B03-023								BIT 7 CM CATH L0
01856		XA113	61									07YCC0	02				SWT	Z4				
									****	SIGNAL	07YCC1	IS ON THE NEXT PAGE ****										

DRAWING NUMBER 149304-800 STRING UNIT ASSEMBLY NO. 149304 REV G INDEX 07YCC1  
 UNIT ASSEMBLY NAME CARD CAGE WIRED, MCU FILE IDENT T39AMCMU DATE 09-02-82 PAGE 288

RECORD NUMBER	FROM			TO			WIRE				SIGNAL	SEQ NO	EQUATION	TERM	FACTORS	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													
17338 01859		P10 XA113	017 64		XA113	64		2BD	9		H	07YCC1 07YCC1	01 02	#B03-021		SWT	Z4			BIT 7 CM CATH L1			
17336 01746		P10 XA112	019 31		XA112	31		2BD	9		H	07YCC2 07YCC2	01 02	#B03-019		SWT	Z2			BIT 7 CM CATH L2			
17334 01739		P10 XA112	021 24		XA112	24		2BD	9		H	07YCC3 07YCC3	01 02	#B03-017		SWT	Z2			BIT 7 CM CATH L3			
17332 01776		P10 XA112	023 61		XA112	61		2BD	9		H	07YCC4 07YCC4	01 02	#B03-015		SWT	Z4			BIT 7 CM CATH L4			
17330 01779		P10 XA112	025 64		XA112	64		2BD	9		H	07YCC5 07YCC5	01 02	#B03-013		SWT	Z4			BIT 7 CM CATH L5			
17328 01826		P10 XA113	027 31		XA113	31		2BD	9		H	07YCC6 07YCC6	01 02	#B03-011		SWT	Z2			BIT 7 CM CATH L6			
17326 01819		P10 XA113	031 24		XA113	24		2BD	9		H	07YCC7 07YCC7	01 02	#B03-009		SWT	Z2			BIT 7 CM CATH L7			
17325 01724 01810		P10 XA112 XA113	067 09 15		XA112 XA113	09 15		2BD 16B	9 9		H	07YSS0 07YSS0 07YSS0	00 01 02	#B03-008		SWT SWT	Z1 Z1			BIT 7 BUS 0			
17324 01816 01726		P10 XA113 XA112	068 21 11		XA113 XA112	21 11		2BD 16B	9 9		H	07YSS1 07YSS1 07YSS1	00 01 02	#B03-007		SWT SWT	Z1 Z1			BIT 7 BUS 1			
17323 01730 01804		P10 XA112 XA113	069 15 09		XA112 XA113	15 09		2BD 16B	9 9		H	07YSS2 07YSS2 07YSS2	00 01 02	#B03-006		SWT SWT	Z1 Z1			BIT 7 BUS 2			
17322 01806 01736		P10 XA113 XA112	070 11 21		XA113 XA112	11 21		2BD 16B	9 9		H	07YSS3 07YSS3 07YSS3	00 01 02	#B03-005		SWT SWT	Z1 Z1			BIT 7 BUS 3			
17321 01846 01760		P10 XA113 XA112	071 51 45		XA113 XA112	51 45		2BD 16B	9 9		H	07YSS4 07YSS4 07YSS4	00 01 02	#B03-004		SWT SWT	Z3 Z3			BIT 7 BUS 4			
17320 01848 01755		P10 XA113 XA112	072 53 40		XA113 XA112	53 40		2BD 16B	9 9		H	07YSS5 07YSS5 07YSS5	00 01 02	#B03-003		SWT SWT	Z3 Z3			BIT 7 BUS 5			
17319 01766 01840		P10 XA112 XA113	073 51 45		XA112 XA113	51 45		2BD 16B	9 9		H	07YSS6 07YSS6 07YSS6	00 01 02	#B03-002		SWT SWT	Z3 Z3			BIT 7 BUS 6			
17318		P10	074		XA113	40		2BD	9		H	07YSS7	00	#B03-001						BIT 7 BUS 7			
											****	SIGNAL	07YSS7	IS ON THE NEXT PAGE ****									

DRAWING NUMBER 149304-800 STRING UNIT ASSEMBLY NO. 149304 REV G INDEX 07YSS7  
 UNIT ASSEMBLY NAME CARD CAGE WIRED, MCU FILE IDENT T39AMCMU DATE 09-02-82 PAGE 289

RECORD NUMBER	FROM				TO				WIRE			SFC INST	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	DI	PREFIX	CONNECTOR	PIN	DI	MULTI GROUP	CODE	COLOR												
01835 01768		XA113 XA112	40 53			XA112	53			16B	9		07YSS7 07YSS7	01 02				SWT SWT	Z3 Z3				
17538 01888		P09 XA114	036 13			XA114	13			2BD	9	H	08YCA0 08YCA0	01 02	#B11-001			SWT	Z2			BIT 8 CM ANODE L0	
17541 01893		P09 XA114	039 18			XA114	18			2BD	9	H	08YCA1 08YCA1	01 02	#B11-004			SWT	Z2			BIT 8 CM ANODE L1	
17543 02007		P09 XA115	041 49			XA115	49			2BD	9	H	08YCA2 08YCA2	01 02	#B11-006			SWT	Z4			BIT 8 CM ANODE L2	
17545 02010		P09 XA115	043 52			XA115	52			2BD	9	H	08YCA3 08YCA3	01 02	#B11-008			SWT	Z4			BIT 8 CM ANODE L3	
17547 01969		P09 XA115	048 13			XA115	13			2BD	9	H	08YCA4 08YCA4	01 02	#B11-010			SWT	Z2			BIT 8 CM ANODE L4	
17549 01975		P09 XA115	050 18			XA115	18			2BD	9	H	08YCA5 08YCA5	01 02	#B11-012			SWT	Z2			BIT 8 CM ANODE L5	
17551 01925		P09 XA114	052 49			XA114	49			2BD	9	H	08YCA6 08YCA6	01 02	#B11-014			SWT	Z4			BIT 8 CM ANODE L6	
17553 01928		P09 XA114	054 52			XA114	52			2BD	9	H	08YCA7 08YCA7	01 02	#B11-016			SWT	Z4			BIT 8 CM ANODE L7	
17539 02019		P09 XA115	037 61			XA115	61			2BD	9	H	08YCC0 08YCC0	01 02	#B11-002			SWT	Z4			BIT 8 CM CATH L0	
17542 02022		P09 XA115	040 64			XA115	64			2BD	9	H	08YCC1 08YCC1	01 02	#B11-005			SWT	Z4			BIT 8 CM CATH L1	
17544 01906		P09 XA114	042 31			XA114	31			2BD	9	H	08YCC2 08YCC2	01 02	#B11-007			SWT	Z2			BIT 8 CM CATH L2	
17546 01899		P09 XA114	044 24			XA114	24			2BD	9	H	08YCC3 08YCC3	01 02	#B11-009			SWT	Z2			BIT 8 CM CATH L3	
17548 01937		P09 XA114	049 61			XA114	61			2BD	9	H	08YCC4 08YCC4	01 02	#B11-011			SWT	Z4			BIT 8 CM CATH L4	
17550 01940		P09 XA114	051 64			XA114	64			2BD	9	H	08YCC5 08YCC5	01 02	#B11-013			SWT	Z4			BIT 8 CM CATH L5	
17552 01988		P09 XA115	053 31			XA115	31			2BD	9	H	08YCC6 08YCC6	01 02	#B11-015			SWT	Z2			BIT 8 CM CATH L6	
17554 01981		P09 XA115	055 24			XA115	24			2BD	9	H	08YCC7 08YCC7	01 02	#B11-017			SWT	Z2			BIT 8 CM CATH L7	

DRAWING NUMBER 149304-800 STRING UNIT ASSEMBLY NO. 149304 REV G INDEX 08YCC7  
 UNIT ASSEMBLY NAME CARD CAGE WIRED, MCU FILE IDENT T39AMCMU DATE 09-02-82 PAGE 290

RECORD NUMBER	FROM				TO				WIRE				SIGNAL	SEQ NO	EQUATION	TERM	FACTORS	CKT OR CHIP TYPE	GROUP	LOAD OR POWER PLANE	TEST POINTS AND OR	SIGNAL DESCRIPTION	ECO NO
	PREFIX	CONNECTOR	PIK	INFO	PREFIX	CONNECTOR	PIK	INFO	MULTI GROUP	CODE	COLOR	IDENT											
01835		XA113	40											07YSS7	01			SWT	Z3				
01768		XA112	53			XA112	53			16B	9			07YSS7	02			SWT	Z3				
17538		P09	036			XA114	13			28D	9		H	08YCA0	01	#B11-001							BIT 8 CM ANODE L0
01888		XA114	13											08YCA0	02			SWT	Z2				
17541		P09	039			XA114	18			28D	9		H	08YCA1	01	#B11-004							BIT 8 CM ANODE L1
01893		XA114	18											08YCA1	02			SWT	Z2				
17543		P09	041			XA115	49			28D	9		H	08YCA2	01	#B11-006							BIT 8 CM ANODE L2
02007		XA115	49											08YCA2	02			SWT	Z4				
17545		P09	043			XA115	52			28D	9		H	08YCA3	01	#B11-008							BIT 8 CM ANODE L3
02010		XA115	52											08YCA3	02			SWT	Z4				
17547		P09	048			XA115	13			28D	9		H	08YCA4	01	#B11-010							BIT 8 CM ANODE L4
01969		XA115	13											08YCA4	02			SWT	Z2				
17549		P09	050			XA115	18			28D	9		H	08YCA5	01	#B11-012							BIT 8 CM ANODE L5
01975		XA115	18											08YCA5	02			SWT	Z2				
17551		P09	052			XA114	49			28D	9		H	08YCA6	01	#B11-014							BIT 8 CM ANODE L6
01925		XA114	49											08YCA6	02			SWT	Z4				
17553		P09	054			XA114	52			28D	9		H	08YCA7	01	#B11-016							BIT 8 CM ANODE L7
01928		XA114	52											08YCA7	02			SWT	Z4				
17539		P09	037			XA115	61			28D	9		H	08YCC0	01	#B11-002							BIT 8 CM CATH L0
02019		XA115	61											08YCC0	02			SWT	Z4				
17542		P09	040			XA115	64			28D	9		H	08YCC1	01	#B11-005							BIT 8 CM CATH L1
02022		XA115	64											08YCC1	02			SWT	Z4				
17544		P09	042			XA114	31			28D	9		H	08YCC2	01	#B11-007							BIT 8 CM CATH L2
01906		XA114	31											08YCC2	02			SWT	Z2				
17546		P09	044			XA114	24			28D	9		H	08YCC3	01	#B11-009							BIT 8 CM CATH L3
01899		XA114	24											08YCC3	02			SWT	Z2				
17548		P09	049			XA114	61			28D	9		H	08YCC4	01	#B11-011							BIT 8 CM CATH L4
01937		XA114	61											08YCC4	02			SWT	Z4				
17550		P09	051			XA114	64			28D	9		H	08YCC5	01	#B11-013							BIT 8 CM CATH L5
01940		XA114	64											08YCC5	02			SWT	Z4				
17552		P09	053			XA115	31			28D	9		H	08YCC6	01	#B11-015							BIT 8 CM CATH L6
01988		XA115	31											08YCC6	02			SWT	Z2				
17554		P09	055			XA115	24			28D	9		H	08YCC7	01	#B11-017							BIT 8 CM CATH L7
01981		XA115	24											08YCC7	02			SWT	Z2				

DRAWING NUMBER 149304-800 STRING  
 UNIT ASSEMBLY NAME CARD CAGE WIRED, MCU

UNIT ASSEMBLY NO. 149304  
 FILE IDENT T39AMCMU

REV G INDEX 09YCA5  
 DATE 09-02-82 PAGE 291

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	WIRE	PREFIX	CONNECTOR	PIN	WIRE	MULTI GROUP	CODE	COLOR	IDENT											
02137		XA117	18										09YCA5	02				SWT	Z2				
17575 02087	P09 XA116	032 49			XA116	49			28D	9		H	09YCA6 09YCA6	01 02	#B12-013			SWT	Z4				BIT 9 CM ANODE L6
17577 02090	P09 XA116	034 52			XA116	52			28D	9		H	09YCA7 09YCA7	01 02	#B12-015			SWT	Z4				BIT 9 CM ANODE L7
17564 02181	P09 XA117	018 61			XA117	61			28D	9		H	09YCC0 09YCC0	01 02	#B12-002			SWT	Z4				BIT 9 CM CATH L0
17566 02184	P09 XA117	020 64			XA117	64			28D	9		H	09YCC1 09YCC1	01 02	#B12-004			SWT	Z4				BIT 9 CM CATH L1
17568 02069	P09 XA116	022 31			XA116	31			28D	9		H	09YCC2 09YCC2	01 02	#B12-006			SWT	Z2				BIT 9 CM CATH L2
17570 02062	P09 XA116	024 24			XA116	24			28D	9		H	09YCC3 09YCC3	01 02	#B12-008			SWT	Z2				BIT 9 CM CATH L3
17572 02099	P09 XA116	026 61			XA116	61			28D	9		H	09YCC4 09YCC4	01 02	#B12-010			SWT	Z4				BIT 9 CM CATH L4
17574 02102	P09 XA116	031 64			XA116	64			28D	9		H	09YCC5 09YCC5	01 02	#B12-012			SWT	Z4				BIT 9 CM CATH L5
17576 02150	P09 XA117	033 31			XA117	31			28D	9		H	09YCC6 09YCC6	01 02	#B12-014			SWT	Z2				BIT 9 CM CATH L6
17578 02143	P09 XA117	035 24			XA117	24			28D	9		H	09YCC7 09YCC7	01 02	#B12-016			SWT	Z2				BIT 9 CM CATH L7
17579 02134 02047	P09 XA117 XA116	075 15 09			XA117 XA116	15 09			28D 16B	9 9		H	09YSS0 09YSS0 09YSS0	00 01 02	#B12-017			SWT SWT	Z1 Z1				BIT 9 BUS 0
17580 02140 02049	P09 XA117 XA116	076 21 11			XA117 XA116	21 11			28D 16B	9 9		H	09YSS1 09YSS1 09YSS1	00 01 02	#B12-018			SWT SWT	Z1 Z1				BIT 9 BUS 1
17581 02127 02053	P09 XA117 XA116	077 09 15			XA117 XA116	09 15			28D 16B	9 9		H	09YSS2 09YSS2 09YSS2	00 01 02	#B12-019			SWT SWT	Z1 Z1				BIT 9 BUS 2
17582 02059 02129	P09 XA116 XA117	078 21 11			XA116 XA117	21 11			28D 16B	9 9		H	09YSS3 09YSS3 09YSS3	00 01 02	#B12-020			SWT SWT	Z1 Z1				BIT 9 BUS 3
17583 02171	P09 XA117	079 51			XA117 XA116	51 45			28D 16B	9 9		H	09YSS4 09YSS4	00 01	#B12-021			SWT	Z3				BIT 9 BUS 4
									****	SIGNAL		IS ON THE NEXT PAGE										****	

DRAWING NUMBER 149304-800 STRING UNIT ASSEMBLY NO. 149304 REV G INDEX 09YSS4  
 UNIT ASSEMBLY NAME CARD CAGE WIRED, MCU FILE IDENT T39AMCMU DATE 09-02-82 PAGE 292

RECORD NUMBER	FROM			TO			WIRE					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	SIZE	MULTI GROUP	CODE	COLOR	IDENT													
02083		XA116	45									09YSS4	02				SWT	Z3						
17584	P09	XA116	080		XA116	40			28D	9		H 09YSS5	00	#B12-022								BIT 9 BUS 5		
02078		XA116	40		XA117	53			16B	9		09YSS5	01				SWT	Z3						
02173		XA117	53									09YSS5	02				SWT	Z3						
17585	P09	XA116	081		XA116	51			28D	9		H 09YSS6	00	#B12-023								BIT 9 BUS 6		
02089		XA116	51		XA117	45			16B	9		09YSS6	01				SWT	Z3						
02164		XA117	45									09YSS6	02				SWT	Z3						
17586	P09	XA117	082		XA117	40			28D	9		H 09YSS7	00	#B12-024								BIT 9 BUS 7		
02159		XA117	40		XA116	53			16B	9		09YSS7	01				SWT	Z3						
02091		XA116	53									09YSS7	02				SWT	Z3						
17514	P09	XA208	001		XA208	13			28D	9		H 10YCA0	01	#B10-001								BIT 10 CM ANODE L0		
05461		XA208	13									10YCA0	02				SWT	Z2						
17516	P09	XA208	003		XA208	18			28D	9		H 10YCA1	01	#B10-003								BIT 10 CM ANODE L1		
05467		XA208	18									10YCA1	02				SWT	Z2						
17518	P09	XA209	005		XA209	49			28D	9		H 10YCA2	01	#B10-005								BIT 10 CM ANODE L2		
05578		XA209	49									10YCA2	02				SWT	Z4						
17520	P09	XA209	007		XA209	52			28D	9		H 10YCA3	01	#B10-007								BIT 10 CM ANODE L3		
05581		XA209	52									10YCA3	02				SWT	Z4						
17522	P09	XA209	009		XA209	13			28D	9		H 10YCA4	01	#B10-009								BIT 10 CM ANODE L4		
05542		XA209	13									10YCA4	02				SWT	Z2						
17524	P09	XA209	011		XA209	18			28D	9		H 10YCA5	01	#B10-011								BIT 10 CM ANODE L5		
05547		XA209	18									10YCA5	02				SWT	Z2						
17526	P09	XA208	013		XA208	49			28D	9		H 10YCA6	01	#B10-013								BIT 10 CM ANODE L6		
05498		XA208	49									10YCA6	02				SWT	Z4						
17528	P09	XA208	015		XA208	52			28D	9		H 10YCA7	01	#B10-015								BIT 10 CM ANODE L7		
05501		XA208	52									10YCA7	02				SWT	Z4						
17515	P09	XA209	002		XA209	61			28D	9		H 10YCC0	01	#B10-002								BIT 10 CM CATH L0		
05590		XA209	61									10YCC0	02				SWT	Z4						
17517	P09	XA209	004		XA209	64			28D	9		H 10YCC1	01	#B10-004								BIT 10 CM CATH L1		
05593		XA209	64									10YCC1	02				SWT	Z4						
17519	P09	XA208	006		XA208	31			28D	9		H 10YCC2	01	#B10-006								BIT 10 CM CATH L2		
05480		XA208	31									10YCC2	02				SWT	Z2						
17521	P09	XA208	008		XA208	24			28D	9		H 10YCC3	01	#B10-008								BIT 10 CM CATH L3		
05473		XA208	24									10YCC3	02				SWT	Z2						
												****	SIGNAL	10YCC4	IS ON THE NEXT PAGE					****				



DRAWING NUMBER 149304-800 STRING UNIT ASSEMBLY NO. 149304 REV G INDEX 10YCC4  
 UNIT ASSEMBLY NAME CARD CAGE WIRED, MCU FILE IDENT T39AMCMU DATE 09-02-82 PAGE 293

RECORD NUMBER	FROM			TO			WIRE				SIGNAL	SEQ NO	EQUATION	TERM	FACTOR	CKT ON 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											
17523 05510	P09 XA208	010 61		XA208	61			28D 9			H	10YCC4 10YCC4	01 02	#B10-010		SWT Z4				BIT 10 CM CATH L4	
17525 05513	P09 XA208	012 64		XA208	64			28D 9			H	10YCC5 10YCC5	01 02	#B10-012		SWT Z4				BIT 10 CM CATH L5	
17527 05560	P09 XA209	014 31		XA209	31			28D 9			H	10YCC6 10YCC6	01 02	#B10-014		SWT Z2				BIT 10 CM CATH L6	
17529 05553	P09 XA209	016 24		XA209	24			28D 9			H	10YCC7 10YCC7	01 02	#B10-016		SWT Z2				BIT 10 CM CATH L7	
17530 05544 05457	P09 XA209 XA208	057 15 09		XA209 XA208	15 09			28D 16B 9 9			H	10YSS0 10YSS0 10YSS0	00 01 02	#B10-017		SWT SWT Z1 Z1				BIT 10 BUS 0	
17531 05550 05459	P09 XA209 XA208	058 21 11		XA209 XA208	21 11			28D 16B 9 9			H	10YSS1 10YSS1 10YSS1	00 01 02	#B10-018		SWT SWT Z1 Z1				BIT 10 BUS 1	
17532 05464 05538	P09 XA208 XA209	059 15 09		XA208 XA209	15 09			28D 16B 9 9			H	10YSS2 10YSS2 10YSS2	00 01 02	#B10-019		SWT SWT Z1 Z1				BIT 10 BUS 2	
17533 05470 05540	P09 XA208 XA209	060 21 11		XA208 XA209	21 11			28D 16B 9 9			H	10YSS3 10YSS3 10YSS3	00 01 02	#B10-020		SWT SWT Z1 Z1				BIT 10 BUS 3	
17534 05494 05580	P09 XA208 XA209	061 45 51		XA208 XA209	45 51			28D 16B 9 9			H	10YSS4 10YSS4 10YSS4	00 01 02	#B10-021		SWT SWT Z3 Z3				BIT 10 BUS 4	
17535 05582 05489	P09 XA209 XA208	062 53 40		XA209 XA208	53 40			28D 16B 9 9			H	10YSS5 10YSS5 10YSS5	00 01 02	#B10-022		SWT SWT Z3 Z3				BIT 10 BUS 5	
17536 05574 05500	P09 XA209 XA208	063 45 51		XA209 XA208	45 51			28D 16B 9 9			H	10YSS6 10YSS6 10YSS6	00 01 02	#B10-023		SWT SWT Z3 Z3				BIT 10 BUS 6	
17537 05569 05502	P09 XA209 XA208	064 40 53		XA209 XA208	40 53			28D 16B 9 9			H	10YSS7 10YSS7 10YSS7	00 01 02	#B10-024		SWT SWT Z3 Z3				BIT 10 BUS 7	
17635 08015	P08 XA309	036 13		XA309	13			28D 9			H	11YCA0 11YCA0	01 02	#B15-001		SWT Z2				BIT 11 CM ANODE L0	
17637 08020	P08 XA309	038 18		XA309	18			28D 9			H	11YCA1 11YCA1	01 02	#B15-003		SWT Z2				BIT 11 CM ANODE L1	
								****	SIGNAL			11YCA2		IS ON THE	NEXT PAGE	****					

DRAWING NUMBER 149304-800 STRING UNIT ASSEMBLY NAME CARD CAGE WIRED, MCU UNIT ASSEMBLY NO. 149304 FILE IDENT T39AMCMU REV G INDEX 11YCA2 DATE 09-02-82 PAGE 294

RECORD NUMBER	PREFIX	CONNECTOR	PIN	SWFG	PREFIX	CONNECTOR	PIN	SWFG	MULTI GROUP	CODE	COLCR	IDENT	SIG. IN SCHEM. MISC.	SIGNAL	SEQ NO.	EQUATION	TERM.	FACTO.	CA OR CHIP TYPE	GROUP	LYAL OR POWER PLANE	TEST POINTS AND OR	SIGNAL DESCRIPTION	ECO NO.	
17639 08133		P08 XA310	040 49			XA310	49			2BD	9		H	11YCA2 11YCA2	01 02	#B15-005			SWT	Z4			BIT 11 CM ANODE L2		
17641 08136		P08 XA310	042 52			XA310	52			2BD	9		H	11YCA3 11YCA3	01 02	#B15-007			SWT	Z4			BIT 11 CM ANODE L3		
17643 08095		P08 XA310	044 13			XA310	13			2BD	9		H	11YCA4 11YCA4	01 02	#B15-009			SWT	Z2			BIT 11 CM ANODE L4		
17645 08101		P08 XA310	046 18			XA310	18			2BD	9		H	11YCA5 11YCA5	01 02	#B15-011			SWT	Z2			BIT 11 CM ANODE L5		
17647 08051		P08 XA309	048 49			XA309	49			2BD	9		H	11YCA6 11YCA6	01 02	#B15-013			SWT	Z4			BIT 11 CM ANODE L6		
17649 08054		P08 XA309	050 52			XA309	52			2BD	9		H	11YCA7 11YCA7	01 02	#B15-015			SWT	Z4			BIT 11 CM ANODE L7		
17636 08145		P08 XA310	037 61			XA310	61			2BD	9		H	11YCC0 11YCC0	01 02	#B15-002			SWT	Z4			BIT 11 CM CATH L0		
17638 08148		P08 XA310	039 64			XA310	64			2BD	9		H	11YCC1 11YCC1	01 02	#B15-004			SWT	Z4			BIT 11 CM CATH L1		
17640 08033		P08 XA309	041 31			XA309	31			2BD	9		H	11YCC2 11YCC2	01 02	#B15-006			SWT	Z2			BIT 11 CM CATH L2		
17642 08026		P08 XA309	043 24			XA309	24			2BD	9		H	11YCC3 11YCC3	01 02	#B15-008			SWT	Z2			BIT 11 CM CATH L3		
17644 08063		P08 XA309	045 61			XA309	61			2BD	9		H	11YCC4 11YCC4	01 02	#B15-010			SWT	Z4			BIT 11 CM CATH L4		
17646 08066		P08 XA309	047 64			XA309	64			2BD	9		H	11YCC5 11YCC5	01 02	#B15-012			SWT	Z4			BIT 11 CM CATH L5		
17648 08114		P08 XA310	049 31			XA310	31			2BD	9		H	11YCC6 11YCC6	01 02	#B15-014			SWT	Z2			BIT 11 CM CATH L6		
17650 08107		P08 XA310	051 24			XA310	24			2BD	9		H	11YCC7 11YCC7	01 02	#B15-016			SWT	Z2			BIT 11 CM CATH L7		
17653 08011 08098		P08 XA309 XA310	103 09 15			XA309 XA310	09 15			2BD 16B	9		H	11YSS0 11YSS0 11YSS0	00 01 02	#B15-019			SWT SWT	Z1 Z1			BIT 11 BUS 0		
17654 08104 08013		P08 XA310 XA309	104 21 11			XA310 XA309	21 11			2BD 16B	9		H	11YSS1 11YSS1 11YSS1	00 01 02	#B15-020			SWT SWT	Z1 Z1			BIT 11 BUS 1		
										****			SIGNAL	11YSS2		IS ON THE							NEXT PAGE	****	

DRAWING NUMBER 149304-800 STRING UNIT ASSEMBLY NO. 149304 REV G INDEX 11YSS2  
 UNIT ASSEMBLY NAME CARD CAGE WIRED, MCU FILE IDENT T39AMCMU DATE 09-02-82 PAGE 295

RECORD NUMBER	FROM			TO			WIRE				SIGNAL	REC NO	EQUATION	TERM	FACTOR	CKT OR CHIP TYPE	GROUP	LOAD OR POWER PLANE	TEST POINTS AND/OR	SIGNAL DESCRIPTION	ECO NO
	PREFIX	CONNECTOR	FIN	PREFIX	CONNECTOR	FIN	MULTI GROUP	CODE	COLOR	IDENT											
17655 08017 08091	P08 XA309 XA310	105 15 09		XA309 XA310	15 09			2BD 16B	9 9		H	11YSS2 11YSS2 11YSS2	00 01 02	#B15-021						BIT 11 BUS 2	
17656 08093 08023	P08 XA310 XA309	106 11 21		XA310 XA309	11 21			2BD 16B	9 9		H	11YSS3 11YSS3 11YSS3	00 01 02	#B15-022						BIT 11 BUS 3	
17657 08135 08047	P08 XA310 XA309	107 51 45		XA310 XA309	51 45			2BD 16B	9 9		H	11YSS4 11YSS4 11YSS4	00 01 02	#B15-023						BIT 11 BUS 4	
17658 08137 08042	P08 XA310 XA309	108 53 40		XA310 XA309	53 40			2BD 16B	9 9		H	11YSS5 11YSS5 11YSS5	00 01 02	#B15-024						BIT 11 BUS 5	
17659 08053 08128	P08 XA309 XA310	109 51 45		XA309 XA310	51 45			2BD 16B	9 9		H	11YSS6 11YSS6 11YSS6	00 01 02	#B15-025						BIT 11 BUS 6	
17660 08055 08123	P08 XA309 XA310	110 53 40		XA309 XA310	53 40			2BD 16B	9 9		H	11YSS7 11YSS7 11YSS7	00 01 02	#B15-026						BIT 11 BUS 7	
17588 10848	P08 XA412	017 13		XA412	13			2BD	9		H	12YCA0 12YCA0	01 02	#B13-002						BIT 12 CM ANODE L0	
17590 10853	P08 XA412	019 18		XA412	18			2BD	9		H	12YCA1 12YCA1	01 02	#B13-004						BIT 12 CM ANODE L1	
17592 10966	P08 XA413	021 49		XA413	49			2BD	9		H	12YCA2 12YCA2	01 02	#B13-006						BIT 12 CM ANODE L2	
17594 10969	P08 XA413	023 52		XA413	52			2BD	9		H	12YCA3 12YCA3	01 02	#B13-008						BIT 12 CM ANODE L3	
17596 10928	P08 XA413	025 13		XA413	13			2BD	9		H	12YCA4 12YCA4	01 02	#B13-010						BIT 12 CM ANODE L4	
17598 10934	P08 XA413	030 18		XA413	18			2BD	9		H	12YCA5 12YCA5	01 02	#B13-012						BIT 12 CM ANODE L5	
17600 10884	P08 XA412	032 49		XA412	49			2BD	9		H	12YCA6 12YCA6	01 02	#B13-014						BIT 12 CM ANODE L6	
17602 10887	P08 XA412	034 52		XA412	52			2BD	9		H	12YCA7 12YCA7	01 02	#B13-016						BIT 12 CM ANODE L7	
17589 10978	P08 XA413	018 61		XA413	61			2BD	9		H	12YCC0 12YCC0	01 02	#B13-003						BIT 12 CM CATH L0	

DRAWING NUMBER 149304-800 STRING UNIT ASSEMBLY NO. 149304 REV G INDEX 12YCC0  
 UNIT ASSEMBLY NAME CARD CAGE WIRED, MCU FILE IDENT T39AMCMU DATE 09-02-82 PAGE 296

RECORD NUMBER	FROM				TO				WIRE				SIGNAL	SFC NO	EQUATION	TERM	FACTOR	CKT OR CHIP TYPE	GROUP	LOAD OR POWER PLANE	TEST POINTS AND/OR	SIGNAL DESCRIPTION	ECO NO	
	PREFIX	CONNECTOR	PIN	WIRE	PREFIX	CONNECTOR	PIN	WIRE	MULTI GROUP	CODE	COLOR	IDENT												
17591 10981	P08 XA413	020 64			XA413	64				28D	9		H 12YCC1 12YCC1	01 02	#B13-005			SWT Z4				BIT 12 CM CATH L1		
17593 10866	P08 XA412	022 31			XA412	31				28D	9		H 12YCC2 12YCC2	01 02	#B13-007			SWT Z2				BIT 12 CM CATH L2		
17595 10859	P08 XA412	024 24			XA412	24				28D	9		H 12YCC3 12YCC3	01 02	#B13-009			SWT Z2				BIT 12 CM CATH L3		
17597 10896	P08 XA412	026 61			XA412	61				28D	9		H 12YCC4 12YCC4	01 02	#B13-011			SWT Z4				BIT 12 CM CATH L4		
17599 10899	P08 XA412	031 64			XA412	64				28D	9		H 12YCC5 12YCC5	01 02	#B13-013			SWT Z4				BIT 12 CM CATH L5		
17601 10947	P08 XA413	033 31			XA413	31				28D	9		H 12YCC6 12YCC6	01 02	#B13-015			SWT Z2				BIT 12 CM CATH L6		
17603 10940	P08 XA413	035 24			XA413	24				28D	9		H 12YCC7 12YCC7	01 02	#B13-017			SWT Z2				BIT 12 CM CATH L7		
17604 10844 10931	P08 XA412 XA413	075 09 15			XA412 XA413	09 15				28D 168	9		H 12YSS0 12YSS0 12YSS0	00 01 02	#B13-018			SWT SWT SWT	Z1 Z1 Z1				BIT 12 BUS 0	
17605 10937 10846	P08 XA413 XA412	076 21 11			XA413 XA412	21 11				28D 168	9		H 12YSS1 12YSS1 12YSS1	00 01 02	#B13-019			SWT SWT SWT	Z1 Z1 Z1				BIT 12 BUS 1	
17606 10850 10924	P08 XA412 XA413	077 15 09			XA412 XA413	15 09				28D 168	9		H 12YSS2 12YSS2 12YSS2	00 01 02	#B13-020			SWT SWT SWT	Z1 Z1 Z1				BIT 12 BUS 2	
17607 10856 10926	P08 XA412 XA413	078 21 11			XA412 XA413	21 11				28D 168	9		H 12YSS3 12YSS3 12YSS3	00 01 02	#B13-021			SWT SWT SWT	Z1 Z1 Z1				BIT 12 BUS 3	
17608 10968 10880	P08 XA413 XA412	079 51 45			XA413 XA412	51 45				28D 168	9		H 12YSS4 12YSS4 12YSS4	00 01 02	#B13-022			SWT SWT SWT	Z3 Z3 Z3				BIT 12 BUS 4	
17609 10875 10970	P08 XA412 XA413	080 40 53			XA412 XA413	40 53				28D 168	9		H 12YSS5 12YSS5 12YSS5	00 01 02	#B13-023			SWT SWT SWT	Z3 Z3 Z3				BIT 12 BUS 5	
17610 10961 10886	P08 XA413 XA412	081 45 51			XA413 XA412	45 51				28D 168	9		H 12YSS6 12YSS6 12YSS6	00 01 02	#B13-024			SWT SWT SWT	Z3 Z3 Z3				BIT 12 BUS 6	

DRAWING NUMBER 149304-800 STRING UNIT ASSEMBLY NO. 149304 REV G INDEX 12YSS6  
 UNIT ASSEMBLY NAME CARD CAGE WIRED, MCU FILE IDENT T39AMCMU DATE 09-02-82 PAGE 297

RECORD NUMBER	FROM			TO			WIRE			SIGNAL	SEQ NO	EQUATION	TERM	FACT	CKT OR CHIP TYPE	LOAD OR POWER PLANE	TEST POINTS (AND) 3P	SIGNAL DESCRIPTION	ECO NO
	PREFIX	CONNECTOR	PIN	PREFIX	CONNECTOR	PIN	CODE	COLOR	IDENT										
17611 10888 10956	P08 XA412 XA413	082 53 40		XA412 XA413	53 40		2BD 16B	9 9		H 12YSS7 12YSS7 12YSS7	00 01 02	#B13-025						BIT 12 BUS 7	
17612 11010	P08 XA414	001 13		XA414	13		2BD	9		H 13YCA0 13YCA0	01 02	#B14-001						BIT 13 CM ANODE L0	
17614 11016	P08 XA414	003 18		XA414	18		2BD	9		H 13YCA1 13YCA1	01 02	#B14-003						BIT 13 CM ANODE L1	
17616 11129	P08 XA415	005 49		XA415	49		2BD	9		H 13YCA2 13YCA2	01 02	#B14-005						BIT 13 CM ANODE L2	
17618 11132	P08 XA415	007 52		XA415	52		2BD	9		H 13YCA3 13YCA3	01 02	#B14-007						BIT 13 CM ANODE L3	
17620 11092	P08 XA415	009 13		XA415	13		2BD	9		H 13YCA4 13YCA4	01 02	#B14-009						BIT 13 CM ANODE L4	
17622 11097	P08 XA415	011 18		XA415	18		2BD	9		H 13YCA5 13YCA5	01 02	#B14-011						BIT 13 CM ANODE L5	
17624 11048	P08 XA414	013 49		XA414	49		2BD	9		H 13YCA6 13YCA6	01 02	#B14-013						BIT 13 CM ANODE L6	
17626 11051	P08 XA414	015 52		XA414	52		2BD	9		H 13YCA7 13YCA7	01 02	#B14-015						BIT 13 CM ANODE L7	
17613 11141	P08 XA415	002 61		XA415	61		2BD	9		H 13YCC0 13YCC0	01 02	#B14-002						BIT 13 CM CATH L0	
17615 11144	P08 XA415	004 64		XA415	64		2BD	9		H 13YCC1 13YCC1	01 02	#B14-004						BIT 13 CM CATH L1	
17617 11029	P08 XA414	006 31		XA414	31		2BD	9		H 13YCC2 13YCC2	01 02	#B14-006						BIT 13 CM CATH L2	
17619 11022	P08 XA414	008 24		XA414	24		2BD	9		H 13YCC3 13YCC3	01 02	#B14-008						BIT 13 CM CATH L3	
17621 11060	P08 XA414	010 61		XA414	61		2BD	9		H 13YCC4 13YCC4	01 02	#B14-010						BIT 13 CM CATH L4	
17623 11063	P08 XA414	012 64		XA414	64		2BD	9		H 13YCC5 13YCC5	01 02	#B14-012						BIT 13 CM CATH L5	
17625 11110	P08 XA415	014 31		XA415	31		2BD	9		H 13YCC6 13YCC6	01 02	#B14-014						BIT 13 CM CATH L6	

DRAWING NUMBER 149304-800 STRING UNIT ASSEMBLY NO. 149304 REV G INDEX 13YCC6  
 UNIT ASSEMBLY NAME CARD CAGE WIRED, MCU FILE IDENT T39AMCMU DATE 09-02-82 PAGE 298

RECORD NUMBER	FROM				TO				WIRE				SIGNAL	SSO NO	EQUATION	TERM	FACTOR	CKT OR CHIP TYPE	GROUP	LOAD OR POWER PLANE	TEST POINTS AND/OR	SIGNAL DESCRIPTION	SSO NO	
	PREFIX	CONNECTOR	PIN	DR	PREFIX	CONNECTOR	PIN	DR	MULTI GROUP	CODE	COLOR	IDENT												SPEC INST
17627 11103		P08 XA415	016 24			XA415	24			2BD	9		H	13YCC7 13YCC7	01 02	#B14-016		SWT	Z2			BIT 13 CM CATH L7		
17628 11006 11094		P08 XA414 XA415	059 09 15			XA414 XA415	09 15			2BD 16B	9		H	13YSS0 13YSS0 13YSS0	00 01 02	#B14-017		SWT	Z1 Z1			BIT 13 BUS 0		
17629 11100 11008		P08 XA415 XA414	060 21 11			XA415 XA414	21 11			2BD 16B	9		H	13YSS1 13YSS1 13YSS1	00 01 02	#B14-018		SWT	Z1 Z1			BIT 13 BUS 1		
17630 11013 11088		P08 XA414 XA415	061 15 09			XA414 XA415	15 09			2BD 16B	9		H	13YSS2 13YSS2 13YSS2	00 01 02	#B14-019		SWT	Z1 Z1			BIT 13 BUS 2		
17631 11090 11019		P08 XA415 XA414	062 11 21			XA415 XA414	11 21			2BD 16B	9		H	13YSS3 13YSS3 13YSS3	00 01 02	#B14-020		SWT	Z1 Z1			BIT 13 BUS 3		
17632 11043 11131		P08 XA414 XA415	063 45 51			XA414 XA415	45 51			2BD 16B	9		H	13YSS4 13YSS4 13YSS4	00 01 02	#B14-021		SWT	Z3 Z3			BIT 13 BUS 4		
17633 11133 11038		P08 XA415 XA414	064 53 40			XA415 XA414	53 40			2BD 16B	9		H	13YSS5 13YSS5 13YSS5	00 01 02	#B14-022		SWT	Z3 Z3			BIT 13 BUS 5		
17634 11050 11124		P08 XA414 XA415	065 51 45			XA414 XA415	51 45			2BD 16B	9		H	13YSS6 13YSS6 13YSS6	00 01 02	#B14-023		SWT	Z3 Z3			BIT 13 BUS 6		
17587 11119 11052		P08 XA415 XA414	066 40 53			XA415 XA414	40 53			2BD 16B	9		H	13YSS7 13YSS7 13YSS7	00 01 02	#B13-001		SWT	Z3 Z3			BIT 13 BUS 7		
17661 13884		P07 XA507	039 13			XA507	13			2BD	9		H	14YCA0 14YCA0	01 02	#B16-001		SWT	Z2			BIT 14 CM ANODE L0		
17663 13889		P07 XA507	041 18			XA507	18			2BD	9		H	14YCA1 14YCA1	01 02	#B16-003		SWT	Z2			BIT 14 CM ANODE L1		
17665 14000		P07 XA508	043 49			XA508	49			2BD	9		H	14YCA2 14YCA2	01 02	#B16-005		SWT	Z4			BIT 14 CM ANODE L2		
17667 14003		P07 XA508	045 52			XA508	52			2BD	9		H	14YCA3 14YCA3	01 02	#B16-007		SWT	Z4			BIT 14 CM ANODE L3		
17669		P07	047			XA508	13			2BD	9		H	14YCA4	01	#B16-009						BIT 14 CM ANODE L4		
										****				SIGNAL	(14YCA4)		IS ON THE					NEXT PAGE	****	

DRAWING NUMBER 149304-800 STRING UNIT ASSEMBLY NO. 149304 REV G INDEX 14YCA4  
 UNIT ASSEMBLY NAME CARD CAGE WIRED, MCU FILE IDENT T39AMCMU DATE 09-02-82 PAGE 299

RECORD NUMBER	FROM				TO				WIRE				SIGNAL	SEC NO	EQUATION	TERM FACTOR	CKT OR CHIP TYPE	GROUP	LOAD CP POWER PLANE	TEST PD NTS LAND OR	SIGNAL DESCRIPTION	ECO NO
	PREFIX	CONNECTOR	PIN	DR TO	PREFIX	CONNECTOR	PIN	DR TO	MULTI GROUP	CODE	COLOR	IDENT										
13964		XA508	13										14YCA4	02			SWT	Z2				
17671		P07	049		XA508	18			2BD	9		H	14YCA5	01	#B16-011						BIT 14 CM ANODE L5	
13969		XA508	18										14YCA5	02			SWT	Z2				
17673		P07	051		XA507	49			2BD	9		H	14YCA6	01	#B16-013						BIT 14 CM ANODE L6	
13920		XA507	49										14YCA6	02			SWT	Z4				
17675		P07	053		XA507	52			2BD	9		H	14YCA7	01	#B16-015						BIT 14 CM ANODE L7	
13923		XA507	52										14YCA7	02			SWT	Z4				
17662		P07	040		XA508	61			2BD	9		H	14YCC0	01	#B16-002						BIT 14 CM CATH L0	
14012		XA508	61										14YCC0	02			SWT	Z4				
17664		P07	042		XA508	64			2BD	9		H	14YCC1	01	#B16-004						BIT 14 CM CATH L1	
14015		XA508	64										14YCC1	02			SWT	Z4				
17666		P07	044		XA507	31			2BD	9		H	14YCC2	01	#B16-006						BIT 14 CM CATH L2	
13902		XA507	31										14YCC2	02			SWT	Z2				
17668		P07	046		XA507	24			2BD	9		H	14YCC3	01	#B16-008						BIT 14 CM CATH L3	
13895		XA507	24										14YCC3	02			SWT	Z2				
17670		P07	048		XA507	61			2BD	9		H	14YCC4	01	#B16-010						BIT 14 CM CATH L4	
13932		XA507	61										14YCC4	02			SWT	Z4				
17672		P07	050		XA507	64			2BD	9		H	14YCC5	01	#B16-012						BIT 14 CM CATH L5	
13935		XA507	64										14YCC5	02			SWT	Z4				
17674		P07	052		XA508	31			2BD	9		H	14YCC6	01	#B16-014						BIT 14 CM CATH L6	
13982		XA508	31										14YCC6	02			SWT	Z2				
17676		P07	054		XA508	24			2BD	9		H	14YCC7	01	#B16-016						BIT 14 CM CATH L7	
13975		XA508	24										14YCC7	02			SWT	Z2				
17677		P07	103		XA507	09			2BD	9		H	14YSS0	00	#B16-017						BIT 14 BUS 0	
13880		XA507	09		XA508	15			16B	9			14YSS0	01			SWT	Z1				
13966		XA508	15										14YSS0	02			SWT	Z1				
17678		P07	104		XA507	11			2BD	9		H	14YSS1	00	#B16-018						BIT 14 BUS 1	
13882		XA507	11		XA508	21			16B	9			14YSS1	01			SWT	Z1				
13972		XA508	21										14YSS1	02			SWT	Z1				
17679		P07	105		XA508	09			2BD	9		H	14YSS2	00	#B16-019						BIT 14 BUS 2	
13960		XA508	09		XA507	15			16B	9			14YSS2	01			SWT	Z1				
13886		XA507	15										14YSS2	02			SWT	Z1				
17680		P07	106		XA507	21			2BD	9		H	14YSS3	00	#B16-020						BIT 14 BUS 3	
13892		XA507	21		XA508	11			16B	9			14YSS3	01			SWT	Z1				
13962		XA508	11										14YSS3	02			SWT	Z1				

DRAWING NUMBER 149304-800 STRING UNIT ASSEMBLY NO. 149304 REV G INDEX 14YSS3  
 UNIT ASSEMBLY NAME CARD CAGE WIRED, MCU FILE IDENT T39AMCMU DATE 09-02-82 PAGE 300

RECORD NUMBER	FROM			TO			WIRE				SPEC. INST. MISC.	SIGNAL	SEC. NO.	EQUATION	TERM. FACTOR	CKT. OR CHIP TYPE	GROUP	LOAD OR POWER PLANS	TEST POINTS AND/OR	SIGNAL DESCRIPTION	ECO NO.		
	PREFIX	CONNECTOR	PIN	PREFIX	CONNECTOR	PIN	MULTI GROUP	CODE	COLOR	IDENT													
17681 14002 13916	P07 XA508 XA507	107 51 45		XA508 XA507	51 45			28D 16B	9		H	14YSS4 14YSS4 14YSS4	00 01 02	#B16-021							BIT 14 BUS 4		
17682 14004 13911	P07 XA508 XA507	108 53 40		XA508 XA507	53 40			28D 16B	9		H	14YSS5 14YSS5 14YSS5	00 01 02	#B16-022								BIT 14 BUS 5	
17683 13922 13996	P07 XA507 XA508	109 51 45		XA507 XA508	51 45			28D 16B	9		H	14YSS6 14YSS6 14YSS6	00 01 02	#B16-023								BIT 14 BUS 6	
17684 13991 13924	P07 XA508 XA507	110 40 53		XA508 XA507	40 53			28D 16B	9		H	14YSS7 14YSS7 14YSS7	00 01 02	#B16-024								BIT 14 BUS 7	
17685 14044	P07 XA509	017 13		XA509	13			28D	9		H	15YCA0 15YCA0	01 02	#B17-001								BIT 15 CM ANODE L0	
17687 14050	P07 XA509	019 18		XA509	18			28D	9		H	15YCA1 15YCA1	01 02	#B17-002								BIT 15 CM ANODE L1	
17689 14163	P07 XA510	021 49		XA510	49			28D	9		H	15YCA2 15YCA2	01 02	#B17-005								BIT 15 CM ANODE L2	
17691 14166	P07 XA510	023 52		XA510	52			28D	9		H	15YCA3 15YCA3	01 02	#B17-007								BIT 15 CM ANODE L3	
17693 14126	P07 XA510	025 13		XA510	13			28D	9		H	15YCA4 15YCA4	01 02	#B17-009								BIT 15 CM ANODE L4	
17695 14132	P07 XA510	033 18		XA510	18			28D	9		H	15YCA5 15YCA5	01 02	#B17-011								BIT 15 CM ANODE L5	
17697 14082	P07 XA509	035 49		XA509	49			28D	9		H	15YCA6 15YCA6	01 02	#B17-013								BIT 15 CM ANODE L6	
17699 14085	P07 XA509	037 52		XA509	52			28D	9		H	15YCA7 15YCA7	01 02	#B17-015								BIT 15 CM ANODE L7	
17686 14175	P07 XA510	018 61		XA510	61			28D	9		H	15YCC0 15YCC0	01 02	#B17-002								BIT 15 CM CATH L0	
17688 14178	P07 XA510	020 64		XA510	64			28D	9		H	15YCC1 15YCC1	01 02	#B17-004								BIT 15 CM CATH L1	
17690 14063	P07 XA509	022 31		XA509	31			28D	9		H	15YCC2 15YCC2	01 02	#B17-006								BIT 15 CM CATH L2	



DRAWING NUMBER 149304-800 STRING UNIT ASSEMBLY NO. 149304 REV G INDEX 15YCC2  
 UNIT ASSEMBLY NAME CARD CAGE WIRED, MCU FILE IDENT T39AMCMU DATE 09-02-82 PAGE 301

RECORD NUMBER	FROM			INFO	TO			WIRE			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			
	PREFIX	CONNECTOR	PIN		PREFIX	CONNECTOR	PIN	INFO	MULTI GROUP	CODE													COLOR	IDENT	
17692 14056	P07 XA509	024 24			XA509	24			2BD	9		H	15YCC3 15YCC3	01 02	#B17-008		SWT	Z2			BIT 15 CM CATH L3				
17694 14094	P07 XA509	026 61			XA509	61			2BD	9		H	15YCC4 15YCC4	01 02	#B17-010		SWT	Z4			BIT 15 CM CATH L4				
17696 14097	P07 XA509	034 64			XA509	64			2BD	9		H	15YCC5 15YCC5	01 02	#B17-012		SWT	Z4			BIT 15 CM CATH L5				
17698 14145	P07 XA510	036 31			XA510	31			2BD	9		H	15YCC6 15YCC6	01 02	#B17-014		SWT	Z2			BIT 15 CM CATH L6				
17700 14138	P07 XA510	038 24			XA510	24			2BD	9		H	15YCC7 15YCC7	01 02	#B17-016		SWT	Z2			BIT 15 CM CATH L7				
17701 14040 14129	P07 XA509 XA510	087 09 15			XA509 XA510	09 15			2BD 16B	9		H	15YSS0 15YSS0 15YSS0	00 01 02	#B17-017		SWT SWT	Z1 Z1			BIT 15 BUS 0				
17702 14135 14042	P07 XA510 XA509	088 21 11			XA510 XA509	21 11			2BD 16B	9		H	15YSS1 15YSS1 15YSS1	00 01 02	#B17-018		SWT SWT	Z1 Z1			BIT 15 BUS 1				
17703 14122 14047	P07 XA510 XA509	089 09 15			XA510 XA509	09 15			2BD 16B	9		H	15YSS2 15YSS2 15YSS2	00 01 02	#B17-019		SWT SWT	Z1 Z1			BIT 15 BUS 2				
17704 14053 14124	P07 XA509 XA510	090 21 11			XA509 XA510	21 11			2BD 16B	9		H	15YSS3 15YSS3 15YSS3	00 01 02	#B17-020		SWT SWT	Z1 Z1			BIT 15 BUS 3				
17705 14165 14077	P07 XA510 XA509	091 51 45			XA510 XA509	51 45			2BD 16B	9		H	15YSS4 15YSS4 15YSS4	00 01 02	#B17-021		SWT SWT	Z3 Z3			BIT 15 BUS 4				
17706 14072 14167	P07 XA509 XA510	092 40 53			XA509 XA510	40 53			2BD 16B	9		H	15YSS5 15YSS5 15YSS5	00 01 02	#B17-022		SWT SWT	Z3 Z3			BIT 15 BUS 5				
17707 14159 14084	P07 XA510 XA509	093 45 51			XA510 XA509	45 51			2BD 16B	9		H	15YSS6 15YSS6 15YSS6	00 01 02	#B17-023		SWT SWT	Z3 Z3			BIT 15 BUS 6				
17708 14086 14154	P07 XA509 XA510	094 53 40			XA509 XA510	53 40			2BD 16B	9		H	15YSS7 15YSS7 15YSS7	00 01 02	#B17-024		SWT SWT	Z3 Z3			BIT 15 BUS 7				
17709	P07	001			XA503	69			2BD	9		H	16YCA0	01	#B18-001						BIT 16 CM ANODE L0				
****												SIGNAL	16YCA0	IS ON THE NEXT PAGE ****											

DRAWING NUMBER 149304-800 STRING UNIT ASSEMBLY NO. 149304 REV G INDEX 16YCA0  
 UNIT ASSEMBLY NAME CARD CAGE WIRED, MCU FILE IDENT T39AMCMU DATE 09-02-82 PAGE 302

RECORD NUMBER	FROM				TO				WIRE				SIGNAL	SEQ NO	EQUATION	TERM	FACTOR	CKT OR CHIP TYPE	GROUP	LOAD OR POWER PLANE	TEST POINTS AND OP	SIGNAL DESCRIPTION	ECO NO	
	PREFIX	CONNECTOR	PIN	WIRE	PREFIX	CONNECTOR	PIN	WIRE	MULTI GROUP	CODE	COLOR	IDENT												WIRE
17692 14056	P07 XA509	024 24			XA509	24			28D	9		H	15YCC3 15YCC3	01 02	#B17-008			SWT	Z2			BIT 15 CM CATH L3		
17694 14094	P07 XA509	026 61			XA509	61			28D	9		H	15YCC4 15YCC4	01 02	#B17-010			SWT	Z4			BIT 15 CM CATH L4		
17696 14097	P07 XA509	034 64			XA509	64			28D	9		H	15YCC5 15YCC5	01 02	#B17-012			SWT	Z4			BIT 15 CM CATH L5		
17698 14145	P07 XA510	036 31			XA510	31			28D	9		H	15YCC6 15YCC6	01 02	#B17-014			SWT	Z2			BIT 15 CM CATH L6		
17700 14138	P07 XA510	038 24			XA510	24			28D	9		H	15YCC7 15YCC7	01 02	#B17-016			SWT	Z2			BIT 15 CM CATH L7		
17701 14040 14129	P07 XA509 XA510	087 09 15			XA509 XA510	09 15			28D 168	9 9		H	15YSS0 15YSS0 15YSS0	00 01 02	#B17-017			SWT SWT	Z1 Z1				BIT 15 BUS 0	
17702 14135 14042	P07 XA510 XA509	088 21 11			XA510 XA509	21 11			28D 168	9 9		H	15YSS1 15YSS1 15YSS1	00 01 02	#B17-018			SWT SWT	Z1 Z1				BIT 15 BUS 1	
17703 14122 14047	P07 XA510 XA509	089 09 15			XA510 XA509	09 15			28D 168	9 9		H	15YSS2 15YSS2 15YSS2	00 01 02	#B17-019			SWT SWT	Z1 Z1				BIT 15 BUS 2	
17704 14053 14124	P07 XA509 XA510	090 21 11			XA509 XA510	21 11			28D 168	9 9		H	15YSS3 15YSS3 15YSS3	00 01 02	#B17-020			SWT SWT	Z1 Z1				BIT 15 BUS 3	
17705 14165 14077	P07 XA510 XA509	091 51 45			XA510 XA509	51 45			28D 168	9 9		H	15YSS4 15YSS4 15YSS4	00 01 02	#B17-021			SWT SWT	Z3 Z3				BIT 15 BUS 4	
17706 14072 14167	P07 XA509 XA510	092 40 53			XA509 XA510	40 53			28D 168	9 9		H	15YSS5 15YSS5 15YSS5	00 01 02	#B17-022			SWT SWT	Z3 Z3				BIT 15 BUS 5	
17707 14159 14084	P07 XA510 XA509	093 45 51			XA510 XA509	45 51			28D 168	9 9		H	15YSS6 15YSS6 15YSS6	00 01 02	#B17-023			SWT SWT	Z3 Z3				BIT 15 BUS 6	
17708 14086 14154	P07 XA509 XA510	094 53 40			XA509 XA510	53 40			28D 168	9 9		H	15YSS7 15YSS7 15YSS7	00 01 02	#B17-024			SWT SWT	Z3 Z3				BIT 15 BUS 7	
17709	P07	001			XA503	69			28D	9		H	16YCA0	01	#B18-001								BIT 16 CM ANODE L0	
**** SIGNAL 116YCA0 IS ON THE NEXT PAGE ****																								

DRAWING NUMBER 149304-800 STRING UNIT ASSEMBLY NO. 149304 REV G INDEX 16YCI1  
 UNIT ASSEMBLY NAME CARD CAGE WIRED, MCU FILE IDENT T39AMUMU DATE 09-02-82 PAGE 303

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	INFO	PREFIX	CONNECTOR	PIN	INFO	MULTI GROUP	CODE	COLOR	IDENT											
13790		XA505	79							16B	9		16YCI1	01				SWT				BIT 16 SI DIODE 1	
13871		XA506	80			XA506	80						16YCI1	02				SWT	Z5				
13708		XA504	77			XA504	79			16B	9		16YCI2	01				SWT	Z5			BIT 16 SI DIODE 2	
13710		XA504	79										16YCI2	02				SWT					
13622		XA503	79							16B	9		16YCI3	01				SWT				BIT 16 SI DIODE 3	
13711		XA504	80			XA504	80						16YCI3	02				SWT	Z5				
14191		XA510	77							16B	9		16YCI4	01				SWT	Z5			BIT 16 SI DIODE 4	
14193		XA510	79			XA510	79						16YCI4	02				SWT					
14112		XA509	79							16B	9		16YCI5	01				SWT				BIT 16 SI DIODE 5	
14194		XA510	80			XA510	80						16YCI5	02				SWT	Z5				
14030		XA508	79							16B	9		16YCI6	01				SWT				BIT 16 SI DIODE 6	
14028		XA508	77			XA508	77						16YCI6	02				SWT	Z5				
13950		XA507	79							16B	9		16YCI7	01				SWT				BIT 16 SI DIODE 7	
14031		XA508	80			XA508	80						16YCI7	02				SWT	Z5				
13704		XA504	73							16B	9		16YC00	01				SWT				BIT 16 SQ DIODE 0	
13700		XA504	69			XA504	69						16YC00	02				SWT	Z5				
13616		XA503	73							16B	9		16YC01	01				SWT				BIT 16 SQ DIODE 1	
13696		XA504	66			XA504	66						16YC01	02				SWT	Z5				
13864		XA506	73							16B	9		16YC02	01				SWT				BIT 16 SQ DIODE 2	
13860		XA506	69			XA506	69						16YC02	02				SWT	Z5				
13784		XA505	73							16B	9		16YC03	01				SWT				BIT 16 SQ DIODE 3	
13857		XA506	66			XA506	66						16YC03	02				SWT	Z5				
14020		XA508	69							16B	9		16YC04	01				SWT				BIT 16 SQ DIODE 4	
14024		XA508	73			XA508	73						16YC04	02				SWT	Z5				
13944		XA507	73							16B	9		16YC05	01				SWT				BIT 16 SQ DIODE 5	
14017		XA508	66			XA508	66						16YC05	02				SWT	Z5				
14183		XA510	69							16B	9		16YC06	01				SWT				BIT 16 SQ DIODE 6	
14187		XA510	73			XA510	73						16YC06	02				SWT	Z5				
14106		XA509	73							16B	9		16YC07	01				SWT				BIT 16 SQ DIODE 7	
14180		XA510	66			XA510	66						16YC07	02				SWT	Z5				
17726		P07	075			XA504	65			2B0	9	H	16YSS0	00	#B18-018							BIT 16 BUS 0	
13695		XA504	65			XA506	70			16B	9		16YSS0	01				SWT					
13861		XA506	70										16YSS0	02				SWT					
17727		P07	076			XA503	65			2B0	9	H	16YSS1	00	#B18-019							BIT 16 BUS 1	
										****			SIGNAL	16YSS1		IS ON THE						NEXT PAGE	****

DRAWING NUMBER 149304-800 STRING UNIT ASSEMBLY NO. 149304 REV G INDEX 16YSS1  
 UNIT ASSEMBLY NAME CARD CAGE WIRED, MCU FILE IDENT T39AMUMU DATE 09-02-82 PAGE 304

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	SK PG	PREFIX	CONNECTOR	PIN	DR FEG	MULTI GROUP	CODE	COLOR	IDENT											
13608		XA503	65			XA505	70			16B	9			16YSS1	01			SWT					
13781		XA505	70											16YSS1	02			SWT					
17728		P07	077			XA506	65			2BD	9	H		16YSS2	00	#B18-020		SWT				BIT 16 BUS 2	
13856		XA506	65			XA504	70			16B	9			16YSS2	01			SWT					
13701		XA504	70											16YSS2	02			SWT					
17729		P07	078			XA503	70			2BD	9	H		16YSS3	00	#B18-021		SWT				BIT 16 BUS 3	
13613		XA503	70			XA505	65			16B	9			16YSS3	01			SWT					
13776		XA505	65											16YSS3	02			SWT					
17730		P07	079			XA508	65			2BD	9	H		16YSS4	00	#B18-022		SWT				BIT 16 BUS 4	
14016		XA508	65			XA510	70			16B	9			16YSS4	01			SWT					
14184		XA510	70											16YSS4	02			SWT					
17731		P07	080			XA507	65			2BD	9	H		16YSS5	00	#B18-023		SWT				BIT 16 BUS 5	
13936		XA507	65			XA509	70			16B	9			16YSS5	01			SWT					
14103		XA509	70											16YSS5	02			SWT					
17732		P07	081			XA508	70			2BD	9	H		16YSS6	00	#B18-024		SWT				BIT 16 BUS 6	
14021		XA508	70			XA510	65			16B	9			16YSS6	01			SWT					
14179		XA510	65											16YSS6	02			SWT					
17733		P07	082			XA507	70			2BD	9	H		16YSS7	00	#B18-025		SWT				BIT 16 BUS 7	
13941		XA507	70			XA509	65			16B	9			16YSS7	01			SWT					
14098		XA509	65											16YSS7	02			SWT					
17906		P06	036			XA511	69			2BD	9	H		17YCA0	01	#B25-025		SWT	Z5			BIT 17 CM ANODE L0	
14263		XA511	69											17YCA0	02			SWT					
17904		P06	038			XA511	66			2BD	9	H		17YCA1	01	#B25-023		SWT	Z5			BIT 17 CM ANODE L1	
14260		XA511	66											17YCA1	02			SWT					
17902		P06	041			XA513	69			2BD	9	H		17YCA2	01	#B25-021		SWT	Z5			BIT 17 CM ANODE L2	
14424		XA513	69											17YCA2	02			SWT					
17899		P06	045			XA513	66			2BD	9	H		17YCA3	01	#B25-018		SWT	Z5			BIT 17 CM ANODE L3	
14421		XA513	66											17YCA3	02			SWT					
17897		P06	047			XA416	69			2BD	9	H		17YCA4	01	#B25-016		SWT	Z5			BIT 17 CM ANODE L4	
11229		XA416	69											17YCA4	02			SWT					
17895		P06	050			XA416	66			2BD	9	H		17YCA5	01	#B25-014		SWT	Z5			BIT 17 CM ANODE L5	
11226		XA416	66											17YCA5	02			SWT					
17893		P06	052			XA418	69			2BD	9	H		17YCA6	01	#B25-012		SWT	Z5			BIT 17 CM ANODE L6	
11389		XA418	69											17YCA6	02			SWT					
17891		P06	054			XA418	66			2BD	9	H		17YCA7	01	#B25-010		SWT	Z5			BIT 17 CM ANODE L7	
11386		XA418	66											17YCA7	02			SWT					

DRAWING NUMBER 149304-800 STRING UNIT ASSEMBLY NO. 149304 REV G INDEX 17YCA7  
 UNIT ASSEMBLY NAME CARD CAGE WIRED, MCU FILE IDENT T39AMUMU DATE 09-02-82 PAGE 305

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	IN FC	PREFIX	CONNECTOR	PIN	IN FC	MULTI-GROUP	CODE	COLOR	IDENT											
17905 14432	P06 XA513	037 77			XA513	77				28D	9		H	17YCC0 17YCC0	01 02	#B25-024		SWT	Z5			BIT 17 CM CATH L0	
17903 14435	P06 XA513	039 80			XA513	80				28D	9		H	17YCC1 17YCC1	01 02	#B25-022		SWT	Z5			BIT 17 CM CATH L1	
17901 14271	P06 XA511	042 77			XA511	77				28D	9		H	17YCC2 17YCC2	01 02	#B25-020		SWT	Z5			BIT 17 CM CATH L2	
17898 14274	P06 XA511	046 80			XA511	80				28D	9		H	17YCC3 17YCC3	01 02	#B25-017		SWT	Z5			BIT 17 CM CATH L3	
17896 11397	P06 XA418	048 77			XA418	77				28D	9		H	17YCC4 17YCC4	01 02	#B25-015		SWT	Z5			BIT 17 CM CATH L4	
17894 11400	P06 XA418	051 80			XA418	80				28D	9		H	17YCC5 17YCC5	01 02	#B25-013		SWT	Z5			BIT 17 CM CATH L5	
17892 11237	P06 XA416	053 77			XA416	77				28D	9		H	17YCC6 17YCC6	01 02	#B25-011		SWT	Z5			BIT 17 CM CATH L6	
17890 11240	P06 XA416	055 80			XA416	80				28D	9		H	17YCC7 17YCC7	01 02	#B25-009		SWT	Z5			BIT 17 CM CATH L7	
14516 14514	XA514 XA514	79 77			XA514	77				16B	9			17YCI0 17YCI0	01 02			SWT SWT	Z5			BIT 17 SI DIODE 0	
14434 14517	XA513 XA514	79 80			XA514	80				16B	9			17YCI1 17YCI1	01 02			SWT SWT	Z5			BIT 17 SI DIODE 1	
14351 14353	XA512 XA512	77 79			XA512	79				16B	9			17YCI2 17YCI2	01 02			SWT SWT	Z5			BIT 17 SI DIODE 2	
14273 14354	XA511 XA512	79 80			XA512	80				16B	9			17YCI3 17YCI3	01 02			SWT SWT	Z5			BIT 17 SI DIODE 3	
11478 11480	XA419 XA419	77 79			XA419	79				16B	9			17YCI4 17YCI4	01 02			SWT SWT	Z5			BIT 17 SI DIODE 4	
11399 11481	XA418 XA419	79 80			XA419	80				16B	9			17YCI5 17YCI5	01 02			SWT SWT	Z5			BIT 17 SI DIODE 5	
11317 11319	XA417 XA417	77 79			XA417	79				16B	9			17YCI6 17YCI6	01 02			SWT SWT	Z5			BIT 17 SI DIODE 6	
11239 11320	XA416 XA417	79 80			XA417	80				16B	9			17YCI7 17YCI7	01 02			SWT SWT	Z5			BIT 17 SI DIODE 7	
												****	SIGNAL	17YCO0		IS ON THE	NEXT PAGE	****					

DRAWING NUMBER 149304-800 STRING UNIT ASSEMBLY NO. 149304 REV G INDEX 17YC00  
 UNIT ASSEMBLY NAME CARD CAGE WIRED, MCU FILE IDENT T39AMUMU DATE 09-02-82 PAGE 306

RECORD NUMBER	FROM				TO				WIRE				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	SWT	PREFIX	CONNECTOR	PIN	SWT	MULTI GROUP	CODE	COLCR	IDENT											
14343 14347		XA512	69 73			XA512	73						17YC00 17YC00	01 02				SWT SWT	Z5			BIT 17 SQ DIODE 0	
14267 14340		XA511	73 66			XA512	66						17YC01 17YC01	01 02				SWT SWT	Z5			BIT 17 SQ DIODE 1	
14510 14506		XA514	73 69			XA514	69						17YC02 17YC02	01 02				SWT SWT	Z5			BIT 17 SQ DIODE 2	
14428 14503		XA513	73 66			XA514	66						17YC03 17YC03	01 02				SWT SWT	Z5			BIT 17 SQ DIODE 3	
11309 11313		XA417	69 73			XA417	73						17YC04 17YC04	01 02				SWT SWT	Z5			BIT 17 SQ DIODE 4	
11233 11306		XA416	73 66			XA417	66						17YC05 17YC05	01 02				SWT SWT	Z5			BIT 17 SQ DIODE 5	
11474 11470		XA419	73 69			XA419	69						17YC06 17YC06	01 02				SWT SWT	Z5			BIT 17 SQ DIODE 6	
11393 11467		XA418	73 66			XA419	66						17YC07 17YC07	01 02				SWT SWT	Z5			BIT 17 SQ DIODE 7	
17889 14339 14507		P06 XA512 XA514	086 65 70			XA512 XA514	65 70					H	17YSS0 17YSS0 17YSS0	00 01 02	#B25-006			SWT SWT				BIT 17 BUS 0	
17888 14425 14259		P06 XA513 XA511	087 70 65			XA513 XA511	70 65					H	17YSS1 17YSS1 17YSS1	00 01 02	#B25-007			SWT SWT				BIT 17 BUS 1	
17887 14502 14344		P06 XA514 XA512	088 65 70			XA514 XA512	65 70					H	17YSS2 17YSS2 17YSS2	00 01 02	#B25-006			SWT SWT				BIT 17 BUS 2	
17886 14420 14264		P06 XA513 XA511	089 65 70			XA513 XA511	65 70					H	17YSS3 17YSS3 17YSS3	00 01 02	#B25-005			SWT SWT				BIT 17 BUS 3	
17885 11471 11305		P06 XA419 XA417	095 70 65			XA419 XA417	70 65					H	17YSS4 17YSS4 17YSS4	00 01 02	#B25-004			SWT SWT				BIT 17 BUS 4	
17884 11225 11390		P06 XA416 XA418	096 65 70			XA416 XA418	65 70					H	17YSS5 17YSS5 17YSS5	00 01 02	#B25-003			SWT SWT				BIT 17 BUS 5	
17883 11466		P06 XA419	097 65			XA419 XA417	65 70					H	17YSS6 17YSS6	00 01	#B25-002			SWT				BIT 17 BUS 6	
**** SIGNAL (17YSS6) IS ON THE NEXT PAGE ****																							

DRAWING NUMBER 149304-800 STRING UNIT ASSEMBLY NO. 149304 REV G INDEX 17YSS6  
 UNIT ASSEMBLY NAME CARD CAGE WIRED, MCU FILE IDENT T39AMUMU DATE 09-02-82 PAGE 307

RECORD NUMBER	FROM			TO			WIRE				SIGNAL	REC NO	EQUATION	TERM	FACTOR	CKT OR CHIP TYPE	SNOW	LOAD OR POWER PLANE	TEST POINTS AND/OR	SIGNAL DESCRIPTION	ECO NO
	PREFIX	CONNECTOR	FIN	PREFIX	CONNECTOR	FIN	MULTI GROUP	CODE	COLOR	IDENT											
11310		XA417	70								H	17YSS6	02								
17882		P06	098		XA416	70		2BD	9		H	17YSS7	00	#B25-001							BIT 17 BUS 7
11230		XA416	70		XA418	65		16B	9			17YSS7	01								
11385		XA418	65									17YSS7	02								
17954		P06	018		XA416	13		2BD	9		H	18YCA0	01	#B27-024							BIT 18 CM ANODE L0
11173		XA416	13									18YCA0	02								
17952		P06	020		XA416	18		2BD	9		H	18YCA1	01	#B27-022							BIT 18 CM ANODE L1
11178		XA416	18									18YCA1	02								
17950		P06	022		XA417	49		2BD	9		H	18YCA2	01	#B27-020							BIT 18 CM ANODE L2
11289		XA417	49									18YCA2	02								
17948		P06	024		XA417	52		2BD	9		H	18YCA3	01	#B27-018							BIT 18 CM ANODE L3
11292		XA417	52									18YCA3	02								
17946		P06	026		XA417	13		2BD	9		H	18YCA4	01	#B27-016							BIT 18 CM ANODE L4
11253		XA417	13									18YCA4	02								
17944		P06	030		XA417	18		2BD	9		H	18YCA5	01	#B27-014							BIT 18 CM ANODE L5
11258		XA417	18									18YCA5	02								
17942		P06	032		XA416	49		2BD	9		H	18YCA6	01	#B27-012							BIT 18 CM ANODE L6
11209		XA416	49									18YCA6	02								
17940		P06	034		XA416	52		2BD	9		H	18YCA7	01	#B27-010							BIT 18 CM ANODE L7
11212		XA416	52									18YCA7	02								
17953		P06	019		XA417	61		2BD	9		H	18YCC0	01	#B27-023							BIT 18 CM CATH L0
11301		XA417	61									18YCC0	02								
17951		P06	021		XA417	64		2BD	9		H	18YCC1	01	#B27-021							BIT 18 CM CATH L1
11304		XA417	64									18YCC1	02								
17949		P06	023		XA416	31		2BD	9		H	18YCC2	01	#B27-019							BIT 18 CM CATH L2
11191		XA416	31									18YCC2	02								
17947		P06	025		XA416	24		2BD	9		H	18YCC3	01	#B27-017							BIT 18 CM CATH L3
11184		XA416	24									18YCC3	02								
17945		P06	027		XA416	61		2BD	9		H	18YCC4	01	#B27-015							BIT 18 CM CATH L4
11221		XA416	61									18YCC4	02								
17943		P06	031		XA416	64		2BD	9		H	18YCC5	01	#B27-013							BIT 18 CM CATH L5
11224		XA416	64									18YCC5	02								
17941		P06	033		XA417	31		2BD	9		H	18YCC6	01	#B27-011							BIT 18 CM CATH L6
11271		XA417	31									18YCC6	02								

DRAWING NUMBER 149304-800 STRING UNIT ASSEMBLY NO. 149304 REV G INDEX 18YCC6  
 UNIT ASSEMBLY NAME CARD CAGE WIRED, MCU FILE IDENT T39AMUMU DATE 09-02-82 PAGE 308

RECORD NUMBER	FROM				TO				WIRE				SIGNAL	SEQ NO	EQUATION	TERM	FACTOR	CKT OR CHIP TYPE	GROUP	LOAD OR POWER PLANS	TEST POINTS AND/OR	SIGNAL DESCRIPTION	ECO NO	
	PREFIX	CONNECTOR	PIN	SIZE	PREFIX	CONNECTOR	PIN	SIZE	MULTI GROUP	CODE	COLOR	IDENT												SPEC INST
17939 11264		P06 XA417	035 24			XA417	24			2BD	9		H	18YCC7 18YCC7	01 02	#B27-009		SWT	Z2			BIT 18 CM CATH L7		
17938 11169 11255		P06 XA416 XA417	071 09 15			XA416 XA417	09 15			2BD 16B	9		H	18YSS0 18YSS0 18YSS0	00 01 02	#B27-008		SWT	Z1 Z1			BIT 18 BUS 0		
17937 11261 11171		P06 XA417 XA416	072 21 11			XA417 XA416	21 11			2BD 16B	9		H	18YSS1 18YSS1 18YSS1	00 01 02	#B27-007		SWT	Z1 Z1			BIT 18 BUS 1		
17936 11175 11249		P06 XA416 XA417	073 15 09			XA416 XA417	15 09			2BD 16B	9		H	18YSS2 18YSS2 18YSS2	00 01 02	#B27-006		SWT	Z1 Z1			BIT 18 BUS 2		
17935 11251 11181		P06 XA417 XA416	074 11 21			XA417 XA416	11 21			2BD 16B	9		H	18YSS3 18YSS3 18YSS3	00 01 02	#B27-005		SWT	Z1 Z1			BIT 18 BUS 3		
17934 11205 11291		P06 XA416 XA417	075 45 51			XA416 XA417	45 51			2BD 16B	9		H	18YSS4 18YSS4 18YSS4	00 01 02	#B27-004		SWT	Z3 Z3			BIT 18 BUS 4		
17933 11293 11200		P06 XA417 XA416	076 53 40			XA417 XA416	53 40			2BD 16B	9		H	18YSS5 18YSS5 18YSS5	00 01 02	#B27-003		SWT	Z3 Z3			BIT 18 BUS 5		
17932 11211 11285		P06 XA416 XA417	077 51 45			XA416 XA417	51 45			2BD 16B	9		H	18YSS6 18YSS6 18YSS6	00 01 02	#B27-002		SWT	Z3 Z3			BIT 18 BUS 6		
17931 11280 11213		P06 XA417 XA416	078 40 53			XA417 XA416	40 53			2BD 16B	9		H	18YSS7 18YSS7 18YSS7	00 01 02	#B27-001		SWT	Z3 Z3			BIT 18 BUS 7		
17930 10584		P06 XA408	002 69			XA408	69			2BD	9		H	19YCA0 19YCA0	01 02	#B26-024		SWT	Z5			BIT 19 CM ANODE L0		
17928 10581		P06 XA408	004 66			XA408	66			2BD	9		H	19YCA1 19YCA1	01 02	#B26-022		SWT	Z5			BIT 19 CM ANODE L1		
17926 10744		P06 XA410	006 69			XA410	69			2BD	9		H	19YCA2 19YCA2	01 02	#B26-020		SWT	Z5			BIT 19 CM ANODE L2		
17924 10741		P06 XA410	008 66			XA410	66			2BD	9		H	19YCA3 19YCA3	01 02	#B26-018		SWT	Z5			BIT 19 CM ANODE L3		
17922		P06	010			XA412	69			2BD	9		H	19YCA4	01	#B26-016						BIT 19 CM ANODE L4		
												****	SIGNAL	(19YCA4)	IS ON THE NEXT PAGE ****									



DRAWING NUMBER 149304-800 STRING UNIT ASSEMBLY NO. 149304 REV G INDEX 19YCA4  
 UNIT ASSEMBLY NAME CARD CAGE WIRED, MCU FILE IDENT T39AMUMU DATE 09-02-82 PAGE 309

RECORD NUMBER	FROM				TO				WIRE				SIGNAL	SEQ NO	EQUATION	TERM	FACTOR	CMT OR CHIP TYPE	GND?	LOAD OR POWER PLANE	TEST POINTS AND OP	SIGNAL DESCRIPTION	ECO NO
	PREFIX	CONNECTOR	PIN	REF ID	PREFIX	CONNECTOR	PIN	REF ID	MULTI GROUP	CODE	COLOR	IDENT											
10904		XA412	69										19YCA4	02				SWT	Z5				
17920 10901		P06 XA412	012 66		XA412	66			28D	9		H	19YCA5 19YCA5	01 02	#B26-014			SWT	Z5			BIT 19 CM ANODE L5	
17918 11068		P06 XA414	014 69		XA414	69			28D	9		H	19YCA6 19YCA6	01 02	#B26-012			SWT	Z5			BIT 19 CM ANODE L6	
17916 11065		P06 XA414	016 66		XA414	66			28D	9		H	19YCA7 19YCA7	01 02	#B26-010			SWT	Z5			BIT 19 CM ANODE L7	
17929 10752		P06 XA410	003 77		XA410	77			28D	9		H	19YCC0 19YCC0	01 02	#B26-023			SWT	Z5			BIT 19 CM CATH L0	
17927 10755		P06 XA410	005 80		XA410	80			28D	9		H	19YCC1 19YCC1	01 02	#B26-021			SWT	Z5			BIT 19 CM CATH L1	
17925 10592		P06 XA408	007 77		XA408	77			28D	9		H	19YCC2 19YCC2	01 02	#B26-019			SWT	Z5			BIT 19 CM CATH L2	
17923 10595		P06 XA408	009 80		XA408	80			28D	9		H	19YCC3 19YCC3	01 02	#B26-017			SWT	Z5			BIT 19 CM CATH L3	
17921 11076		P06 XA414	011 77		XA414	77			28D	9		H	19YCC4 19YCC4	01 02	#B26-015			SWT	Z5			BIT 19 CM CATH L4	
17919 11079		P06 XA414	013 80		XA414	80			28D	9		H	19YCC5 19YCC5	01 02	#B26-013			SWT	Z5			BIT 19 CM CATH L5	
17917 10912		P06 XA412	015 77		XA412	77			28D	9		H	19YCC6 19YCC6	01 02	#B26-011			SWT	Z5			BIT 19 CM CATH L6	
17915 10915		P06 XA412	017 80		XA412	80			28D	9		H	19YCC7 19YCC7	01 02	#B26-009			SWT	Z5			BIT 19 CM CATH L7	
10834 10832		XA411 XA411	79 77		XA411	77			16B	9			19YCI0 19YCI0	01 02				SWT	Z5			BIT 19 SI DIODE 0	
10754 10835		XA410 XA411	79 80		XA411	80			16B	9			19YCI1 19YCI1	01 02				SWT	Z5			BIT 19 SI DIODE 1	
10674 10672		XA409 XA409	79 77		XA409	77			16B	9			19YCI2 19YCI2	01 02				SWT	Z5			BIT 19 SI DIODE 2	
10594 10675		XA408 XA409	79 80		XA409	80			16B	9			19YCI3 19YCI3	01 02				SWT	Z5			BIT 19 SI DIODE 3	
11157 11159		XA415 XA415	77 79		XA415	79			16B	9			19YCI4 19YCI4	01 02				SWT	Z5			BIT 19 SI DIODE 4	
									****		SIGNAL		19YCI5		IS ON THE		NEXT PAGE		****				

DRAWING NUMBER 149304-800 STRING UNIT ASSEMBLY NO. 149304 REV G INDEX 19YCI5  
 UNIT ASSEMBLY NAME CARD CAGE WIRED, MCU FILE IDENT T39AMUMU DATE 09-02-82 PAGE 310

RECORD NUMBER	FROM			DIFG	TO			MULTI GROUP	WIRE			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
	PREFIX	CONNECTOR	PIN		PREFIX	CONNECTOR	PIN		CODE	COLOR	IDENT												
11078		XA414	79						168	9			19YCI5	01				SWT				BIT 19 SI DIODE 5	
11160		XA415	80			XA415	80						19YCI5	02				SWT	Z5				
10996		XA413	79			XA413	77						19YCI6	01				SWT				BIT 19 SI DIODE 6	
10994		XA413	77										19YCI6	02				SWT	Z5				
10997		XA413	80			XA412	79						19YCI7	01				SWT	Z5			BIT 19 SI DIODE 7	
10914		XA412	79										19YCI7	02				SWT					
10664		XA409	69			XA409	73						19YC00	01				SWT	Z5			BIT 19 SQ DIODE 0	
10668		XA409	73										19YC00	02				SWT					
10588		XA408	73			XA409	66						19YC01	01				SWT				BIT 19 SQ DIODE 1	
10661		XA409	66										19YC01	02				SWT	Z5				
10828		XA411	73			XA411	69						19YC02	01				SWT				BIT 19 SQ DIODE 2	
10824		XA411	69										19YC02	02				SWT	Z5				
10748		XA410	73			XA411	66						19YC03	01				SWT				BIT 19 SQ DIODE 3	
10821		XA411	66										19YC03	02				SWT	Z5				
10990		XA413	73			XA413	69						19YC04	01				SWT				BIT 19 SQ DIODE 4	
10986		XA413	69										19YC04	02				SWT	Z5				
10983		XA413	66			XA412	73						19YC05	01				SWT	Z5			BIT 19 SQ DIODE 5	
10908		XA412	73										19YC05	02				SWT					
11149		XA415	69			XA415	73						19YC06	01				SWT	Z5			BIT 19 SQ DIODE 6	
11153		XA415	73										19YC06	02				SWT					
11072		XA414	73			XA415	66						19YC07	01				SWT				BIT 19 SQ DIODE 7	
11146		XA415	66										19YC07	02				SWT	Z5				
17914		P06	058			XA411	70			28D	9	H	19YSS0	00	#B26-008							BIT 19 BUS 0	
10825		XA411	70			XA409	65			168	9		19YSS0	01				SWT					
10660		XA409	65										19YSS0	02				SWT					
17913		P06	059			XA408	65			28D	9	H	19YSS1	00	#B26-007							BIT 19 BUS 1	
10580		XA408	65			XA410	70			168	9		19YSS1	01				SWT					
10745		XA410	70										19YSS1	02				SWT					
17912		P06	060			XA411	65			28D	9	H	19YSS2	00	#B26-006							BIT 19 BUS 2	
10820		XA411	65			XA409	70			168	9		19YSS2	01				SWT					
10665		XA409	70										19YSS2	02				SWT					
17911		P06	061			XA408	70			28D	9	H	19YSS3	00	#B26-005							BIT 19 BUS 3	
10585		XA408	70			XA410	65			168	9		19YSS3	01				SWT					
10740		XA410	65										19YSS3	02				SWT					
17910		P06	062			XA413	65			28D	9	H	19YSS4	00	#B26-004							BIT 19 BUS 4	
										****			SIGNAL	19YSS4		IS ON THE						NEXT PAGE	****

DRAWING NUMBER 149304-800 STRING UNIT ASSEMBLY NO. 149304 REV G INDEX 19YSS4  
 UNIT ASSEMBLY NAME CARD CAGE WIRED, MCU FILE IDENT T39AMUMU DATE 09-02-82 PAGE 311

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	SH FE	PREFIX	CONNECTOR	PIN	SH FE	MULTI GROUP	CODE	COLOR	IDENT											
10982 11150		XA413 XA415	65 70			XA415	70			16B	9		19YSS4 19YSS4	01 02				SWT SWT					
17909 11069 10900		P06 XA414 XA412	063 70 65			XA414 XA412	70 65			28D 16B	9 9		H 19YSS5 19YSS5	00 01 02	#B26-003			SWT SWT				BIT 19 BUS 5	
17908 10987 11145		P06 XA413 XA415	064 70 65			XA413 XA415	70 65			28D 16B	9 9		H 19YSS6 19YSS6	00 01 02	#B26-002			SWT SWT				BIT 19 BUS 6	
17907 11064 10905		P06 XA414 XA412	065 65 70			XA414 XA412	65 70			28D 16B	9 9		H 19YSS7 19YSS7	00 01 02	#B26-001			SWT SWT				BIT 19 BUS 7	
17833 08177		P05 XA311	040 13			XA311	13			28D	9		H 20YCA0 20YCA0	01 02	#B22-024			SWT	Z2			BIT 20 CM ANODE L0	
17831 08183		P05 XA311	042 18			XA311	18			28D	9		H 20YCA1 20YCA1	01 02	#B22-022			SWT	Z2			BIT 20 CM ANODE L1	
17829 08295		P05 XA312	044 49			XA312	49			28D	9		H 20YCA2 20YCA2	01 02	#B22-020			SWT	Z4			BIT 20 CM ANODE L2	
17827 08298		P05 XA312	046 52			XA312	52			28D	9		H 20YCA3 20YCA3	01 02	#B22-018			SWT	Z4			BIT 20 CM ANODE L3	
17825 08259		P05 XA312	048 13			XA312	13			28D	9		H 20YCA4 20YCA4	01 02	#B22-016			SWT	Z2			BIT 20 CM ANODE L4	
17823 08264		P05 XA312	050 18			XA312	18			28D	9		H 20YCA5 20YCA5	01 02	#B22-014			SWT	Z2			BIT 20 CM ANODE L5	
17821 08215		P05 XA311	052 49			XA311	49			28D	9		H 20YCA6 20YCA6	01 02	#B22-012			SWT	Z4			BIT 20 CM ANODE L6	
17819 08218		P05 XA311	054 52			XA311	52			28D	9		H 20YCA7 20YCA7	01 02	#B22-010			SWT	Z4			BIT 20 CM ANODE L7	
17832 08307		P05 XA312	041 61			XA312	61			28D	9		H 20YCC0 20YCC0	01 02	#B22-023			SWT	Z4			BIT 20 CM CATH L0	
17830 08310		P05 XA312	043 64			XA312	64			28D	9		H 20YCC1 20YCC1	01 02	#B22-021			SWT	Z4			BIT 20 CM CATH L1	
17828 08196		P05 XA311	045 31			XA311	31			28D	9		H 20YCC2 20YCC2	01 02	#B22-019			SWT	Z2			BIT 20 CM CATH L2	
17826 08189		P05 XA311	047 24			XA311	24			28D	9		H 20YCC3 20YCC3	01 02	#B22-017			SWT	Z2			BIT 20 CM CATH L3	

DRAWING NUMBER 149304-800 STRING UNIT ASSEMBLY NO. 149304 REV G INDEX 20YCC3  
 UNIT ASSEMBLY NAME CARD CAGE WIRED, MCU FILE IDENT T39AMUMU DATE 09-02-82 PAGE 312

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	WIRE	PREFIX	CONNECTOR	PIN	WIRE	CODE	COLOR	IDENT												
17824 08227		P05 XA311	049 61			XA311	61		28D	9		H 20YCC4 20YCC4	01 02	#B22-015			SWT	Z4			BIT 20 CM CATH L4		
17822 08230		P05 XA311	051 64			XA311	64		28D	9		H 20YCC5 20YCC5	01 02	#B22-013			SWT	Z4			BIT 20 CM CATH L5		
17820 08277		P05 XA312	053 31			XA312	31		28D	9		H 20YCC6 20YCC6	01 02	#B22-011			SWT	Z2			BIT 20 CM CATH L6		
17818 08270		P05 XA312	055 24			XA312	24		28D	9		H 20YCC7 20YCC7	01 02	#B22-009			SWT	Z2			BIT 20 CM CATH L7		
17817 08261 08173		P05 XA312 XA311	104 15 09			XA312 XA311	15 09		28D 16B	9 9		H 20YSS0 20YSS0 20YSS0	00 01 02	#B22-008			SWT SWT	Z1 Z1			BIT 20 BUS 0		
17816 08175 08267		P05 XA311 XA312	105 11 21			XA311 XA312	11 21		28D 16B	9 9		H 20YSS1 20YSS1 20YSS1	00 01 02	#B22-007			SWT SWT	Z1 Z1			BIT 20 BUS 1		
17815 08255 08180		P05 XA312 XA311	106 09 15			XA312 XA311	09 15		28D 16B	9 9		H 20YSS2 20YSS2 20YSS2	00 01 02	#B22-006			SWT SWT	Z1 Z1			BIT 20 BUS 2		
17814 08186 08257		P05 XA311 XA312	107 21 11			XA311 XA312	21 11		28D 16B	9 9		H 20YSS3 20YSS3 20YSS3	00 01 02	#B22-005			SWT SWT	Z1 Z1			BIT 20 BUS 3		
17813 08210 08297		P05 XA311 XA312	108 45 51			XA311 XA312	45 51		28D 16B	9 9		H 20YSS4 20YSS4 20YSS4	00 01 02	#B22-004			SWT SWT	Z3 Z3			BIT 20 BUS 4		
17812 08299 08205		P05 XA312 XA311	109 53 40			XA312 XA311	53 40		28D 16B	9 9		H 20YSS5 20YSS5 20YSS5	00 01 02	#B22-003			SWT SWT	Z3 Z3			BIT 20 BUS 5		
17811 08217 08291		P05 XA311 XA312	110 51 45			XA311 XA312	51 45		28D 16B	9 9		H 20YSS6 20YSS6 20YSS6	00 01 02	#B22-002			SWT SWT	Z3 Z3			BIT 20 BUS 6		
17810 08286 08219		P05 XA312 XA311	111 40 53			XA312 XA311	40 53		28D 16B	9 9		H 20YSS7 20YSS7 20YSS7	00 01 02	#B22-001			SWT SWT	Z3 Z3			BIT 20 BUS 7		
17978 05704		P05 XA211	022 13			XA211	13		28D	9		H 21YCA0 21YCA0	01 02	#B28-024			SWT	Z2			BIT 21 CM ANODE L0		
17976		P05	024			XA211	18		28D	9		H 21YCA1	01	#B28-022							BIT 21 CM ANODE L1		
											****	SIGNAL	(21YCA1)	IS ON THE NEXT PAGE ****									

DRAWING NUMBER 149304-800 STRING UNIT ASSEMBLY NO. 149304 REV G INDEX 21YCA1  
 UNIT ASSEMBLY NAME CARD CAGE WIRED, MCU FILE IDENT T39AMUMU DATE 09-02-82 PAGE 313

RECORD NUMBER	FROM			INFO	TO			MULTI GROUP	WIRE			SPEC INST MISC	SIGNAL	SEQ NO	EQUATION	TERM	FACTOR	CKT OR CHIP TYPE	GRV	LOAD OR POWER PLANE	TEST POINTS AND JP	SIGNAL DESCRIPTION	ECO NO	
	PREFIX	CONNECTOR	PIN		PREFIX	CONNECTOR	PIN		CODE	COLOR	IDENT													
05709		XA211	18									21YCA1	02					SWT	Z2					
17974		P05	026		XA212	49		28D	9		H	21YCA2	01	#B28-020				SWT	Z4			BIT 21 CM ANODE L2		
05822		XA212	49									21YCA2	02											
17972		P05	030		XA212	52		28D	9		H	21YCA3	01	#B28-018								BIT 21 CM ANODE L3		
05825		XA212	52									21YCA3	02					SWT	Z4					
17970		P05	032		XA212	13		28D	9		H	21YCA4	01	#B28-018								BIT 21 CM ANODE L4		
05785		XA212	13									21YCA4	02					SWT	Z2					
17968		P05	034		XA212	18		28D	9		H	21YCA5	01	#B28-014								BIT 21 CM ANODE L5		
05791		XA212	18									21YCA5	02					SWT	Z2					
17966		P05	036		XA211	49		28D	9		H	21YCA6	01	#B28-012								BIT 21 CM ANODE L6		
05741		XA211	49									21YCA6	02					SWT	Z4					
17964		P05	038		XA211	52		28D	9		H	21YCA7	01	#B28-010								BIT 21 CM ANODE L7		
05744		XA211	52									21YCA7	02					SWT	Z4					
17977		P05	023		XA212	61		28D	9		H	21YCC0	01	#B28-023								BIT 21 CM CATH L0		
05834		XA212	61									21YCC0	02					SWT	Z4					
17975		P05	025		XA212	64		28D	9		H	21YCC1	01	#B28-021								BIT 21 CM CATH L1		
05837		XA212	64									21YCC1	02					SWT	Z4					
17973		P05	027		XA211	31		28D	9		H	21YCC2	01	#B28-019								BIT 21 CM CATH L2		
05722		XA211	31									21YCC2	02					SWT	Z2					
17971		P05	031		XA211	24		28D	9		H	21YCC3	01	#B28-017								BIT 21 CM CATH L3		
05715		XA211	24									21YCC3	02					SWT	Z2					
17969		P05	033		XA211	61		28D	9		H	21YCC4	01	#B28-015								BIT 21 CM CATH L4		
05753		XA211	61									21YCC4	02					SWT	Z4					
17967		P05	035		XA211	64		28D	9		H	21YCC5	01	#B28-013								BIT 21 CM CATH L5		
05756		XA211	64									21YCC5	02					SWT	Z4					
17965		P05	037		XA212	31		28D	9		H	21YCC6	01	#B28-011								BIT 21 CM CATH L6		
05904		XA212	31									21YCC6	02					SWT	Z2					
17963		P05	039		XA212	24		28D	9		H	21YCC7	01	#B28-009								BIT 21 CM CATH L7		
05797		XA212	24									21YCC7	02					SWT	Z2					
17962		P05	086		XA211	09		28D	9		H	21YSS0	00	#B28-008								BIT 21 BUS 0		
05700		XA211	09		XA212	15		16B	9			21YSS0	01					SWT	Z1					
05788		XA212	15									21YSS0	02					SWT	Z1					
17961		P05	087		XA212	21		28D	9		H	21YSS1	00	#B28-007								BIT 21 BUS 1		
05794		XA212	21		XA211	11		16B	9			21YSS1	01					SWT	Z1					
								****				SIGNAL	(21YSS1)		IS ON THE							NEXT PAGE		****

DRAWING NUMBER 149304-800 STRING UNIT ASSEMBLY NO. 149304 REV G INDEX 21YSS1  
 UNIT ASSEMBLY NAME CARD CAGE WIRED, MCU FILE IDENT T39AMUMU DATE 09-02-82 PAGE 314

RECORD NUMBER	FROM			SMT	TO			MULTI GROUP	WIRE			SPECIAL	SIGNAL	SEQ NO	EQUATION	TERM FACTOR	CKT OR CHIP TYPE	LOAD OR POWER PLANE	TEST POINTS LAND OR	SIGNAL DESCRIPTION	ECO NO	
	PREFIX	CONNECTOR	PIN		PREFIX	CONNECTOR	PIN		CODE	COLCR	IDENT											
05702		XA211	11										21YSS1	02			SWT	Z1				
17960	P05	088			XA211	15		28D	9		H	21YSS2	00	#B28-006					BIT 21 BUS 2			
05706		XA211	15		XA212	09		16B	9			21YSS2	01				SWT	Z1				
05781		XA212	09									21YSS2	02				SWT	Z1				
17959	P05	089			XA212	11		28D	9		H	21YSS3	00	#B28-005					BIT 21 BUS 3			
05783		XA212	11		XA211	21		16B	9			21YSS3	01				SWT	Z1				
05712		XA211	21									21YSS3	02				SWT	Z1				
17958	P05	090			XA211	45		28D	9		H	21YSS4	00	#B28-004					BIT 21 BUS 4			
05736		XA211	45		XA212	51		16B	9			21YSS4	01				SWT	Z3				
05824		XA212	51									21YSS4	02				SWT	Z3				
17957	P05	091			XA212	53		28D	9		H	21YSS5	00	#B28-003					BIT 21 BUS 5			
05826		XA212	53		XA211	40		16B	9			21YSS5	01				SWT	Z3				
05731		XA211	40									21YSS5	02				SWT	Z3				
17956	P05	092			XA212	45		28D	9		H	21YSS6	00	#B28-002					BIT 21 BUS 6			
05818		XA212	45		XA211	51		16B	9			21YSS6	01				SWT	Z3				
05743		XA211	51									21YSS6	02				SWT	Z3				
17955	P05	093			XA211	53		28D	9		H	21YSS7	00	#B28-001					BIT 21 BUS 7			
05745		XA211	53		XA212	40		16B	9			21YSS7	01				SWT	Z3				
05813		XA212	40									21YSS7	02				SWT	Z3				
17785	P05	002			XA118	13		28D	9		H	22YCA0	01	#B20-026					BIT 22 CM ANODE L0			
02213		XA118	13									22YCA0	02				SWT	Z2				
17783	P05	004			XA118	18		28D	9		H	22YCA1	01	#B20-024					BIT 22 CM ANODE L1			
02218		XA118	18									22YCA1	02				SWT	Z2				
17781	P05	006			XA119	49		28D	9		H	22YCA2	01	#B20-022					BIT 22 CM ANODE L2			
02330		XA119	49									22YCA2	02				SWT	Z4				
17779	P05	008			XA119	52		28D	9		H	22YCA3	01	#B20-020					BIT 22 CM ANODE L3			
02333		XA119	52									22YCA3	02				SWT	Z4				
17777	P05	010			XA119	13		28D	9		H	22YCA4	01	#B20-018					BIT 22 CM ANODE L4			
02294		XA119	13									22YCA4	02				SWT	Z2				
17775	P05	012			XA119	18		28D	9		H	22YCA5	01	#B20-016					BIT 22 CM ANODE L5			
02299		XA119	18									22YCA5	02				SWT	Z2				
17773	P05	016			XA118	49		28D	9		H	22YCA6	01	#B20-014					BIT 22 CM ANODE L6			
02250		XA118	49									22YCA6	02				SWT	Z4				
17771	P05	020			XA118	52		28D	9		H	22YCA7	01	#B20-012					BIT 22 CM ANODE L7			
02253		XA118	52									22YCA7	02				SWT	Z4				
													****	SIGNAL	{22YCC0 }	IS ON THE	NEXT PAGE	****				

DRAWING NUMBER 149304-800 STRING UNIT ASSEMBLY NO. 149304 REV G INDEX 22YCC0  
 UNIT ASSEMBLY NAME CARD CAGE WIRED, MCU FILE IDENT T39AMUMU DATE 09-02-82 PAGE 315

RECORD NUMBER	FROM			TO			WIRE				SIGNAL	SEC NO	EQUATION	TERM	FACTOR	CKT OR CHIP TYPE	GROUP	LOAD CP POWER PLANE	TEST POINTS AND/OR	SIGNAL DESCRIPTION	ECO NO			
	PREFIX	CONNECTOR	PIN	PREFIX	CONNECTOR	PIN	MULTI GROUP	CODE	COLOR	IDENT														
17784 02342	P05 XA119	003 61			XA119	61		2BD	9		H	22YCC0 22YCC0	01 02	#B20-025		SWT	Z4			BIT 22 CM CATH L0				
17782 02345	P05 XA119	005 64			XA119	64		2BD	9		H	22YCC1 22YCC1	01 02	#B20-023		SWT	Z4			BIT 22 CM CATH L1				
17780 02231	P05 XA118	007 31			XA118	31		2BD	9		H	22YCC2 22YCC2	01 02	#B20-021		SWT	Z2			BIT 22 CM CATH L2				
17778 02224	P05 XA118	009 24			XA118	24		2BD	9		H	22YCC3 22YCC3	01 02	#B20-019		SWT	Z2			BIT 22 CM CATH L3				
17776 02262	P05 XA118	011 61			XA118	61		2BD	9		H	22YCC4 22YCC4	01 02	#B20-017		SWT	Z4			BIT 22 CM CATH L4				
17774 02265	P05 XA118	013 64			XA118	64		2BD	9		H	22YCC5 22YCC5	01 02	#B20-015		SWT	Z4			BIT 22 CM CATH L5				
17772 02312	P05 XA119	017 31			XA119	31		2BD	9		H	22YCC6 22YCC6	01 02	#B20-013		SWT	Z2			BIT 22 CM CATH L6				
17770 02305	P05 XA119	021 24			XA119	24		2BD	9		H	22YCC7 22YCC7	01 02	#B20-011		SWT	Z2			BIT 22 CM CATH L7				
17767 02209 02296	P05 XA118 XA119	064 09 15			XA118 XA119	09 15		2BD 16B	9 9		H	22YSS0 22YSS0 22YSS0	00 01 02	#B20-009		SWT SWT	Z1 Z1			BIT 22 BUS 0				
17766 02302 02211	P05 XA119 XA118	065 21 11			XA119 XA118	21 11		2BD 16B	9 9		H	22YSS1 22YSS1 22YSS1	00 01 02	#B20-008		SWT SWT	Z1 Z1			BIT 22 BUS 1				
17765 02215 02290	P05 XA118 XA119	066 15 09			XA118 XA119	15 09		2BD 16B	9 9		H	22YSS2 22YSS2 22YSS2	00 01 02	#B20-007		SWT SWT	Z1 Z1			BIT 22 BUS 2				
17764 02292 02221	P05 XA119 XA118	067 11 21			XA119 XA118	11 21		2BD 16B	9 9		H	22YSS3 22YSS3 22YSS3	00 01 02	#B20-006		SWT SWT	Z1 Z1			BIT 22 BUS 3				
17763 02332 02245	P05 XA119 XA118	068 51 45			XA119 XA118	51 45		2BD 16B	9 9		H	22YSS4 22YSS4 22YSS4	00 01 02	#B20-005		SWT SWT	Z3 Z3			BIT 22 BUS 4				
17762 02240 02334	P05 XA118 XA119	069 40 53			XA118 XA119	40 53		2BD 16B	9 9		H	22YSS5 22YSS5 22YSS5	00 01 02	#B20-004		SWT SWT	Z3 Z3			BIT 22 BUS 5				
17761 02326	P05 XA119	070 45			XA119 XA118	45 51		2BD 16B	9 9		H	22YSS6 22YSS6	00 01	#B20-003		SWT	Z3			BIT 22 BUS 6				
											***	SIGNAL	22YSS6	IS ON THE NEXT PAGE										***

DRAWING NUMBER 149304-800 STRING UNIT ASSEMBLY NO. 149304 REV G INDEX 22YSS6  
 UNIT ASSEMBLY NAME CARD CAGE WIRED, MCU FILE IDENT T39AMUMU DATE 09-02-82 PAGE 316

RECORD NUMBER	FROM			TO			WIRE					SFC INST. NO.	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	REF	MULTI GROUP	CODE	COLOR	IDENT												
02252		XA118	51										22YSS6	02				SWT	Z3				
17760	P05		071		XA118	53			2BD	9		H	22YSS7	00	#B20-002			SWT	Z3			BIT 22 BUS 7	
02254		XA118	53		XA119	40			16B	9			22YSS7	01				SWT	Z3				
02321		XA119	40										22YSS7	02				SWT	Z3				
17757	P04		041		XA110	69			2BD	9		H	23YCA0	01	#B19-024			SWT	Z5			BIT 23 CM ANODE L0	
01624		XA110	69										23YCA0	02				SWT	Z5				
17755	P04		043		XA110	66			2BD	9		H	23YCA1	01	#B19-022			SWT	Z5			BIT 23 CM ANODE L1	
01621		XA110	66										23YCA1	02				SWT	Z5				
17753	P04		045		XA112	69			2BD	9		H	23YCA2	01	#B19-020			SWT	Z5			BIT 23 CM ANODE L2	
01784		XA112	69										23YCA2	02				SWT	Z5				
17751	P04		047		XA112	66			2BD	9		H	23YCA3	01	#B19-018			SWT	Z5			BIT 23 CM ANODE L3	
01781		XA112	66										23YCA3	02				SWT	Z5				
17749	P04		049		XA114	69			2BD	9		H	23YCA4	01	#B19-016			SWT	Z5			BIT 23 CM ANODE L4	
01945		XA114	69										23YCA4	02				SWT	Z5				
17747	P04		051		XA114	66			2BD	9		H	23YCA5	01	#B19-014			SWT	Z5			BIT 23 CM ANODE L5	
01942		XA114	66										23YCA5	02				SWT	Z5				
17745	P04		053		XA116	69			2BD	9		H	23YCA6	01	#B19-012			SWT	Z5			BIT 23 CM ANODE L6	
02107		XA116	69										23YCA6	02				SWT	Z5				
17743	P04		055		XA116	66			2BD	9		H	23YCA7	01	#B19-010			SWT	Z5			BIT 23 CM ANODE L7	
02104		XA116	66										23YCA7	02				SWT	Z5				
17756	P04		042		XA112	77			2BD	9		H	23YCC0	01	#B19-023			SWT	Z5			BIT 23 CM CATH L0	
01792		XA112	77										23YCC0	02				SWT	Z5				
17754	P04		044		XA112	80			2BD	9		H	23YCC1	01	#B19-021			SWT	Z5			BIT 23 CM CATH L1	
01795		XA112	80										23YCC1	02				SWT	Z5				
17752	P04		046		XA110	77			2BD	9		H	23YCC2	01	#B19-019			SWT	Z5			BIT 23 CM CATH L2	
01632		XA110	77										23YCC2	02				SWT	Z5				
17750	P04		048		XA110	80			2BD	9		H	23YCC3	01	#B19-017			SWT	Z5			BIT 23 CM CATH L3	
01635		XA110	80										23YCC3	02				SWT	Z5				
17748	P04		050		XA116	77			2BD	9		H	23YCC4	01	#B19-015			SWT	Z5			BIT 23 CM CATH L4	
02115		XA116	77										23YCC4	02				SWT	Z5				
17746	P04		052		XA116	80			2BD	9		H	23YCC5	01	#B19-013			SWT	Z5			BIT 23 CM CATH L5	
02118		XA116	80										23YCC5	02				SWT	Z5				
17744	P04		054		XA114	77			2BD	9		H	23YCC6	01	#B19-011			SWT	Z5			BIT 23 CM CATH L6	
01953		XA114	77										23YCC6	02				SWT	Z5				





DRAWING NUMBER 149304-800 STRING UNIT ASSEMBLY NO. 149304 REV G INDEX 23YCO7  
 UNIT ASSEMBLY NAME CARD CAGE WIRED, MCU FILE IDENT T39AMUMU DATE 09-02-82 PAGE 318

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	SEC NO	
	PREFIX	CONNECTOR	PIN	SH PG	PREFIX	CONNECTOR	PIN	SH PG	MULTI GROUP	CODE	COLOR	IDENT												SPEC INST INFC
02111		XA116	73			XA117	66		16B	9			23YCO7	01								BIT 23 SQ DIODE 7		
02186		XA117	66										23YCO7	02					75					
17741		P04	105			XA111	65		28D	9	H		23YSS0	00	#B19-006								BIT 23 BUS 0	
01700		XA111	65			XA113	70		16B	9			23YSS0	01										
01865		XA113	70										23YSS0	02										
17740		P04	106			XA110	65		28D	9	H		23YSS1	00	#B19-007								BIT 23 BUS 1	
01620		XA110	65			XA112	70		16B	9			23YSS1	01										
01785		XA112	70										23YSS1	02										
17739		P04	107			XA113	65		28D	9	H		23YSS2	00	#B19-006								BIT 23 BUS 2	
01860		XA113	65			XA111	70		16B	9			23YSS2	01										
01705		XA111	70										23YSS2	02										
17738		P04	108			XA110	70		28D	9	H		23YSS3	00	#B19-005								BIT 23 BUS 3	
01625		XA110	70			XA112	65		16B	9			23YSS3	01										
01780		XA112	65										23YSS3	02										
17737		P04	109			XA117	70		28D	9	H		23YSS4	00	#B19-004								BIT 23 BUS 4	
02190		XA117	70			XA115	65		16B	9			23YSS4	01										
02023		XA115	65										23YSS4	02										
17736		P04	110			XA114	65		28D	9	H		23YSS5	00	#B19-003								BIT 23 BUS 5	
01941		XA114	65			XA116	70		16B	9			23YSS5	01										
02108		XA116	70										23YSS5	02										
17735		P04	111			XA117	65		28D	9	H		23YSS6	00	#B19-002								BIT 23 BUS 6	
02185		XA117	65			XA115	70		16B	9			23YSS6	01										
02028		XA115	70										23YSS6	02										
17734		P04	112			XA114	70		28D	9	H		23YSS7	00	#B19-001								BIT 23 BUS 7	
01946		XA114	70			XA116	65		16B	9			23YSS7	01										
02103		XA116	65										23YSS7	02										
17881		P04	022			XA120	13		28D	9	H		24YCA0	01	#B24-024								BIT 24 CM ANODE L0	
02374		XA120	13										24YCA0	02										
17879		P04	024			XA120	18		28D	9	H		24YCA1	01	#B24-022								BIT 24 CM ANODE L1	
02379		XA120	18										24YCA1	02										
17877		P04	026			XA121	49		28D	9	H		24YCA2	01	#B24-020								BIT 24 CM ANODE L2	
02490		XA121	49										24YCA2	02										
17875		P04	030			XA121	52		28D	9	H		24YCA3	01	#B24-018								BIT 24 CM ANODE L3	
02493		XA121	52										24YCA3	02										
17873		P04	032			XA121	13		28D	9	H		24YCA4	01	#B24-016								BIT 24 CM ANODE L4	
02454		XA121	13										24YCA4	02										
									****			SIGNAL	(24YCA5 )		IS ON THE		NEXT PAGE		****					

DRAWING NUMBER 149304-800 STRING  
 UNIT ASSEMBLY NAME CARD CAGE WIRED, MCU

UNIT ASSEMBLY NO. 149304  
 FILE IDENT T39AMCMU

REV G INDEX 24YCA5  
 DATE 09-02-82 PAGE 319

RECORD NUMBER	FROM				TO				WIRE				SIGNAL	REC NO	EQUATION	TERM	FACTOR	CKT OR CHIP TYPE	GROUP	LOAD OR POWER PLANE	TEST POINTS AND/OR	SIGNAL DESCRIPTION	ECO NO
	PREFIX	CONNECTOR	PIN	SWG	PREFIX	CONNECTOR	PIN	SWG	MULTI GROUP	CODE	COLOR	IDENT											
17872 02459	P04 XA121	034 18				XA121	18			28D	9		H	24YCA5 24YCA5	01 02	#B24-015			SWT Z2			BIT 24 CM ANODE L5	
17869 02410	P04 XA120	036 49				XA120	49			28D	9		H	24YCA6 24YCA6	01 02	#B24-012			SWT Z4			BIT 24 CM ANODE L6	
17867 02413	P04 XA120	038 52				XA120	52			28D	9		H	24YCA7 24YCA7	01 02	#B24-010			SWT Z4			BIT 24 CM ANODE L7	
17880 02502	P04 XA121	023 61				XA121	61			28D	9		H	24YCC0 24YCC0	01 02	#B24-023			SWT Z4			BIT 24 CM CATH L0	
17878 02505	P04 XA121	025 64				XA121	64			28D	9		H	24YCC1 24YCC1	01 02	#B24-021			SWT Z4			BIT 24 CM CATH L1	
17876 02392	P04 XA120	027 31				XA120	31			28D	9		H	24YCC2 24YCC2	01 02	#B24-019			SWT Z2			BIT 24 CM CATH L2	
17874 02385	P04 XA120	031 24				XA120	24			28D	9		H	24YCC3 24YCC3	01 02	#B24-017			SWT Z2			BIT 24 CM CATH L3	
17871 02422	P04 XA120	033 61				XA120	61			28D	9		H	24YCC4 24YCC4	01 02	#B24-015			SWT Z4			BIT 24 CM CATH L4	
17870 02425	P04 XA120	035 64				XA120	64			28D	9		H	24YCC5 24YCC5	01 02	#B24-013			SWT Z4			BIT 24 CM CATH L5	
17868 02472	P04 XA121	037 31				XA121	31			28D	9		H	24YCC6 24YCC6	01 02	#B24-011			SWT Z2			BIT 24 CM CATH L6	
17866 02465	P04 XA121	039 24				XA121	24			28D	9		H	24YCC7 24YCC7	01 02	#B24-009			SWT Z2			BIT 24 CM CATH L7	
17865 02370 02456	P04 XA120 XA121	088 09 15				XA120 XA121	09 15			28D 16B	9 9		H	24YSS0 24YSS0 24YSS0	00 01 02	#B24-008			SWT Z1 SWT Z1			BIT 24 BUS 0	
17864 02462 02372	P04 XA121 XA120	089 21 11				XA121 XA120	21 11			28D 16B	9 9		H	24YSS1 24YSS1 24YSS1	00 01 02	#B24-007			SWT Z1 SWT Z1			BIT 24 BUS 1	
17863 02376 02450	P04 XA120 XA121	090 15 09				XA120 XA121	15 09			28D 16B	9 9		H	24YSS2 24YSS2 24YSS2	00 01 02	#B24-006			SWT Z1 SWT Z1			BIT 24 BUS 2	
17862 02452 02382	P04 XA121 XA120	091 11 21				XA121 XA120	11 21			28D 16B	9 9		H	24YSS3 24YSS3 24YSS3	00 01 02	#B24-005			SWT Z1 SWT Z1			BIT 24 BUS 3	
17861	P04	092				XA120	45			28D	9		H	24YSS4	00	#B24-004						BIT 24 BUS 4	
										****				SIGNAL								IS ON THE NEXT PAGE	****

DRAWING NUMBER 149304-800 STRING UNIT ASSEMBLY NO. 149304 REV G INDEX 24YSS4  
 UNIT ASSEMBLY NAME CARD CAGE WIRED, MCU FILE IDENT T39AMCMU DATE 09-02-82 PAGE 320

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	SP PG	PREFIX	CONNECTOR	PIN	SP PG	MULTI GROUP	CODE	COLOR	IDENT											
02406 02492		XA120 XA121	45 51			XA121 51				16B	9		24YSS4 24YSS4	01 02				SWT SWT	Z3 Z3				
17860 02494 02401		P04 XA121 XA120	093 53 40			XA121 XA120	53 40			28D 16B	9 9	H	24YSS5 24YSS5 24YSS5	00 01 02	#B24-003			SWT SWT SWT	Z3 Z3 Z3			BIT 24 BUS 5	
17859 02412 02486		P04 XA120 XA121	094 51 45			XA120 XA121	51 45			28D 16B	9 9	H	24YSS6 24YSS6 24YSS6	00 01 02	#B24-002			SWT SWT SWT	Z3 Z3 Z3			BIT 24 BUS 6	
17858 02481 02414		P04 XA121 XA120	095 40 53			XA121 XA120	40 53			28D 16B	9 9	H	24YSS7 24YSS7 24YSS7	00 01 02	#B24-001			SWT SWT SWT	Z3 Z3 Z3			BIT 24 BUS 7	
17809 05761		P04 XA211	002 69			XA211	69			28D	9	H	25YCA0 25YCA0	01 02	#B21-024			SWT	Z5			BIT 25 CM ANODE L0	
17807 05758		P04 XA211	004 66			XA211	66			28D	9	H	25YCA1 25YCA1	01 02	#B21-022			SWT	Z5			BIT 25 CM ANODE L1	
17805 05922		P04 XA213	006 69			XA213	69			28D	9	H	25YCA2 25YCA2	01 02	#B21-020			SWT	Z5			BIT 25 CM ANODE L2	
17803 05919		P04 XA213	008 66			XA213	66			28D	9	H	25YCA3 25YCA3	01 02	#B21-018			SWT	Z5			BIT 25 CM ANODE L3	
17801 02270		P04 XA118	010 69			XA118	69			28D	9	H	25YCA4 25YCA4	01 02	#B21-016			SWT	Z5			BIT 25 CM ANODE L4	
17799 02267		P04 XA118	014 66			XA118	66			28D	9	H	25YCA5 25YCA5	01 02	#B21-014			SWT	Z5			BIT 25 CM ANODE L5	
17797 02430		P04 XA120	018 69			XA120	69			28D	9	H	25YCA6 25YCA6	01 02	#B21-012			SWT	Z5			BIT 25 CM ANODE L6	
17795 02427		P04 XA120	020 66			XA120	66			28D	9	H	25YCA7 25YCA7	01 02	#B21-010			SWT	Z5			BIT 25 CM ANODE L7	
17808 05930		P04 XA213	003 77			XA213	77			28D	9	H	25YCC0 25YCC0	01 02	#B21-023			SWT	Z5			BIT 25 CM CATH L0	
17806 05933		P04 XA213	005 80			XA213	80			28D	9	H	25YCC1 25YCC1	01 02	#B21-021			SWT	Z5			BIT 25 CM CATH L1	
17804 05769		P04 XA211	007 77			XA211	77			28D	9	H	25YCC2 25YCC2	01 02	#B21-019			SWT	Z5			BIT 25 CM CATH L2	
17802 05772		P04 XA211	009 80			XA211	80			28D	9	H	25YCC3 25YCC3	01 02	#B21-017			SWT	Z5			BIT 25 CM CATH L3	

DRAWING NUMBER 149304-800 STRING UNIT ASSEMBLY NO. 149304 REV G INDEX 25YCC3  
 UNIT ASSEMBLY NAME CARD CAGE WIRED, MCU FILE IDENT T39AMCMU DATE 09-02-82 PAGE 321

RECORD NUMBER	FROM			TO			WIRE					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	INFO	MULTI GROUP	CODE	COLOR	IDENT												SPC. INST. MISC.			
17800 02438		P04 XA120	011 77		XA120	77			28D	9		H 25YCC4 25YCC4	01 02	#B21-015			SWT Z5					BIT 25 CM CATH L4				
17798 02441		P04 XA120	015 80		XA120	80			28D	9		H 25YCC5 25YCC5	01 02	#B21-013			SWT Z5					BIT 25 CM CATH L5				
17796 02278		P04 XA118	019 77		XA118	77			28D	9		H 25YCC6 25YCC6	01 02	#B21-011			SWT Z5					BIT 25 CM CATH L6				
17794 02281		P04 XA118	021 80		XA118	80			28D	9		H 25YCC7 25YCC7	01 02	#B21-009			SWT Z5					BIT 25 CM CATH L7				
06012 06014		XA214 XA214	77 79		XA214	79			168	9		25YC10 25YC10	01 02				SWT SWT	Z5				BIT 25 SI DIODE 0				
05932 06015		XA213 XA214	79 80		XA214	80			168	9		25YC11 25YC11	01 02				SWT SWT	Z5				BIT 25 SI DIODE 1				
05850 05852		XA212 XA212	77 79		XA212	79			168	9		25YC12 25YC12	01 02				SWT SWT	Z5				BIT 25 SI DIODE 2				
05771 05853		XA211 XA212	79 80		XA212	80			168	9		25YC13 25YC13	01 02				SWT SWT	Z5				BIT 25 SI DIODE 3				
02520 02518		XA121 XA121	79 77		XA121	77			168	9		25YC14 25YC14	01 02				SWT SWT	Z5				BIT 25 SI DIODE 4				
02440 02521		XA120 XA121	79 80		XA121	80			168	9		25YC15 25YC15	01 02				SWT SWT	Z5				BIT 25 SI DIODE 5				
02360 02358		XA119 XA119	79 77		XA119	77			168	9		25YC16 25YC16	01 02				SWT SWT	Z5				BIT 25 SI DIODE 6				
02361 02280		XA119 XA118	80 79		XA118	79			168	9		25YC17 25YC17	01 02				SWT SWT	Z5				BIT 25 SI DIODE 7				
05846 05842		XA212 XA212	73 69		XA212	69			168	9		25YC00 25YC00	01 02				SWT SWT	Z5				BIT 25 SQ DIODE 0				
05765 05839		XA211 XA212	73 66		XA212	66			168	9		25YC01 25YC01	01 02				SWT SWT	Z5				BIT 25 SQ DIODE 1				
06008 06004		XA214 XA214	73 69		XA214	69			168	9		25YC02 25YC02	01 02				SWT SWT	Z5				BIT 25 SQ DIODE 2				
05926 06001		XA213 XA214	73 66		XA214	66			168	9		25YC03 25YC03	01 02				SWT SWT	Z5				BIT 25 SQ DIODE 3				
												****	SIGNAL	(25YC04)	IS ON THE NEXT PAGE										****	

DRAWING NUMBER 149304-800 STRING UNIT ASSEMBLY NO. 149304 REV G INDEX 25YC04  
 UNIT ASSEMBLY NAME CARD CAGE WIRED, MCU FILE IDENT T39AMCMU DATE 09-02-82 PAGE 322

RECORD NUMBER	FROM				TO				WIRE				SFC 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	WIRE	PREFIX	CONNECTOR	PIN	WIRE	MULTI GROUP	CODE	COLOR	IDENT										AND	OR				
02354		XA119	73		XA119	69								25YC04	01										BIT 25 SQ DIODE 4		
02350		XA119	69											25YC04	02				SWT	Z5							
02347		XA119	66		XA118	73								25YC05	01											BIT 25 SQ DIODE 5	
02274		XA118	73											25YC05	02				SWT	Z5							
02510		XA121	69		XA121	73								25YC06	01											BIT 25 SQ DIODE 6	
02514		XA121	73											25YC06	02				SWT	Z5							
02434		XA120	73		XA121	66								25YC07	01											BIT 25 SQ DIODE 7	
02507		XA121	66											25YC07	02				SWT	Z5							
17793	P04		070		XA214	70								25YSS0	00	#B21-008										BIT 25 BUS 0	
06005		XA214	70		XA212	65								25YSS0	01												
05838		XA212	65											25YSS0	02				SWT								
17792	P04		071		XA211	65								25YSS1	00	#B21-007										BIT 25 BUS 1	
05757		XA211	65		XA213	70								25YSS1	01												
05923		XA213	70											25YSS1	02				SWT								
17791	P04		074		XA214	65								25YSS2	00	#B21-006										BIT 25 BUS 2	
06000		XA214	65		XA212	70								25YSS2	01												
05843		XA212	70											25YSS2	02				SWT								
17790	P04		075		XA211	70								25YSS3	00	#B21-005										BIT 25 BUS 3	
05762		XA211	70		XA213	65								25YSS3	01												
05918		XA213	65											25YSS3	02				SWT								
17789	P04		076		XA119	65								25YSS4	00	#B21-004										BIT 25 BUS 4	
02346		XA119	65		XA121	70								25YSS4	01												
02511		XA121	70											25YSS4	02				SWT								
17788	P04		077		XA120	70								25YSS5	00	#B21-003										BIT 25 BUS 5	
02431		XA120	70		XA118	65								25YSS5	01												
02266		XA118	65											25YSS5	02				SWT								
17787	P04		080		XA119	70								25YSS6	00	#B21-002										BIT 25 BUS 6	
02351		XA119	70		XA121	65								25YSS6	01												
02506		XA121	65											25YSS6	02				SWT								
17786	P04		081		XA120	65								25YSS7	00	#B21-001										BIT 25 BUS 7	
02426		XA120	65		XA118	70								25YSS7	01												
02271		XA118	70											25YSS7	02				SWT								
18006	P03		030		XA213	13								26YCA0	01	#B30-001										BIT 26 CM ANODE L0	
05866		XA213	13											26YCA0	02												
18008	P03		032		XA213	18								26YCA1	01	#B30-003										BIT 26 CM ANODE L1	
05871		XA213	18											26YCA1	02												
														****	SIGNAL	26YCA2		IS ON THE	NEXT PAGE	****							

DRAWING NUMBER 149304-800 STRING UNIT ASSEMBLY NO. 149304 REV G INDEX 26YCA2  
 UNIT ASSEMBLY NAME CARD CAGE WIRED, MCU FILE IDENT T39AMCMU DATE 09-02-82 PAGE 323

RECORD NUMBER	FROM			DRFG	TO			WIRE				SIGNAL	SEC NO	EQUATION	TERM	FACTOR	CKT OR CHD 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											
18010 05984	P03 XA214	034 49			XA214	49		28D	9		H	26YCA2 26YCA2	01 02	#B30-005		SWT	Z4			BIT 26 CM ANODE L2		
18012 05987	P03 XA214	036 52			XA214	52		28D	9		H	26YCA3 26YCA3	01 02	#B30-007		SWT	Z4			BIT 26 CM ANODE L3		
18014 05946	P03 XA214	038 13			XA214	13		28D	9		H	26YCA4 26YCA4	01 02	#B30-009		SWT	Z2			BIT 26 CM ANODE L4		
18016 05952	P03 XA214	040 18			XA214	18		28D	9		H	26YCA5 26YCA5	01 02	#B30-011		SWT	Z2			BIT 26 CM ANODE L5		
18018 05902	P03 XA213	042 49			XA213	49		28D	9		H	26YCA6 26YCA6	01 02	#B30-013		SWT	Z4			BIT 26 CM ANODE L6		
18020 05905	P03 XA213	044 52			XA213	52		28D	9		H	26YCA7 26YCA7	01 02	#B30-015		SWT	Z4			BIT 26 CM ANODE L7		
18007 05996	P03 XA214	031 61			XA214	61		28D	9		H	26YCC0 26YCC0	01 02	#B30-002		SWT	Z4			BIT 26 CM CATH L0		
18009 05999	P03 XA214	033 64			XA214	64		28D	9		H	26YCC1 26YCC1	01 02	#B30-004		SWT	Z4			BIT 26 CM CATH L1		
18011 05884	P03 XA213	035 31			XA213	31		28D	9		H	26YCC2 26YCC2	01 02	#B30-006		SWT	Z2			BIT 26 CM CATH L2		
18013 05877	P03 XA213	037 24			XA213	24		28D	9		H	26YCC3 26YCC3	01 02	#B30-008		SWT	Z2			BIT 26 CM CATH L3		
18015 05914	P03 XA213	039 61			XA213	61		28D	9		H	26YCC4 26YCC4	01 02	#B30-010		SWT	Z4			BIT 26 CM CATH L4		
18017 05917	P03 XA213	041 64			XA213	64		28D	9		H	26YCC5 26YCC5	01 02	#B30-012		SWT	Z4			BIT 26 CM CATH L5		
18019 05965	P03 XA214	043 31			XA214	31		28D	9		H	26YCC6 26YCC6	01 02	#B30-014		SWT	Z2			BIT 26 CM CATH L6		
18021 05958	P03 XA214	045 24			XA214	24		28D	9		H	26YCC7 26YCC7	01 02	#B30-016		SWT	Z2			BIT 26 CM CATH L7		
18022 05862 05949	P03 XA213 XA214	086 09 15			XA213 XA214	09 15		28D 16B	9 9		H	26YSS0 26YSS0 26YSS0	00 01 02	#B30-017		SWT SWT	Z1 Z1			BIT 26 BUS 0		
18023 05955 05864	P03 XA214 XA213	087 21 11			XA214 XA213	21 11		28D 16B	9 9		H	26YSS1 26YSS1 26YSS1	00 01 02	#B30-018		SWT SWT	Z1 Z1			BIT 26 BUS 1		
											****	SIGNAL	(26YSS2)	IS ON THE NEXT PAGE				****				

DRAWING NUMBER 149304-800 STRING  
UNIT ASSEMBLY NAME CARD CAGE WIRED, MCU

UNIT ASSEMBLY NO. 149304  
FILE IDENT T39AMCMU

REV G INDEX 26YSS2  
DATE 09-02-82 PAGE 324

RECORD NUMBER	FROM			SH FE	TO			WIRE				SFC LIST DISC	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		PREFIX	CONNECTOR	PIN	MULTI GROUP	CODE	COLOR	IDENT												
18024 05868 05942	P03 XA213 XA214	088 15 09			XA213 XA214	15 09		28D 16B	9 9			H 26YSS2 26YSS2 26YSS2	00 01 02	#B30-019			SWT SWT	Z1 Z1				BIT 26 BUS 2	
18025 05944 05874	P03 XA214 XA213	089 11 21			XA214 XA213	11 21		28D 16B	9 9			H 26YSS3 26YSS3 26YSS3	00 01 02	#B30-020			SWT SWT	Z1 Z1				BIT 26 BUS 3	
18026 05986 05898	P03 XA214 XA213	090 51 45			XA214 XA213	51 45		28D 16B	9 9			H 26YSS4 26YSS4 26YSS4	00 01 02	#B30-021			SWT SWT	Z3 Z3				BIT 26 BUS 4	
18027 05893 05988	P03 XA213 XA214	091 40 53			XA213 XA214	40 53		28D 16B	9 9			H 26YSS5 26YSS5 26YSS5	00 01 02	#B30-022			SWT SWT	Z3 Z3				BIT 26 BUS 5	
18028 05904 05979	P03 XA213 XA214	092 51 45			XA213 XA214	51 45		28D 16B	9 9			H 26YSS6 26YSS6 26YSS6	00 01 02	#B30-023			SWT SWT	Z3 Z3				BIT 26 BUS 6	
18029 05974 05906	P03 XA214 XA213	093 40 53			XA214 XA213	40 53		28D 16B	9 9			H 26YSS7 26YSS7 26YSS7	00 01 02	#B30-024			SWT SWT	Z3 Z3				BIT 26 BUS 7	
17834 05622	P03 XA210	010 13			XA210	13		28D	9			H 27YCA0 27YCA0	01 02	#B23-001			SWT	Z2				BIT 27 CM ANODE L0	
17836 05628	P03 XA210	012 18			XA210	18		28D	9			H 27YCA1 27YCA1	01 02	#B23-003			SWT	Z2				BIT 27 CM ANODE L1	
17838 05437	P03 XA207	014 69			XA207	69		28D	9			H 27YCA2 27YCA2	01 02	#B23-005			SWT	Z5				BIT 27 CM ANODE L2	
17840 05434	P03 XA207	016 66			XA207	66		28D	9			H 27YCA3 27YCA3	01 02	#B23-007			SWT	Z5				BIT 27 CM ANODE L3	
17842 05660	P03 XA210	018 49			XA210	49		28D	9			H 27YCA4 27YCA4	01 02	#B23-009			SWT	Z4				BIT 27 CM ANODE L4	
17844 05663	P03 XA210	020 52			XA210	52		28D	9			H 27YCA5 27YCA5	01 02	#B23-011			SWT	Z4				BIT 27 CM ANODE L5	
17846 05598	P03 XA209	022 69			XA209	69		28D	9			H 27YCA6 27YCA6	01 02	#B23-013			SWT	Z5				BIT 27 CM ANODE L6	
17848 05595	P03 XA209	024 66			XA209	66		28D	9			H 27YCA7 27YCA7	01 02	#B23-015			SWT	Z5				BIT 27 CM ANODE L7	
17835 05445	P03 XA207	011 77			XA207	77		28D	9			H 27YCC0 27YCC0	01 02	#B23-002			SWT	Z5				BIT 27 CM CATH L0	



DRAWING NUMBER 149304-800 STRING UNIT ASSEMBLY NO. 149304 REV G INDEX 27YCC0  
 UNIT ASSEMBLY NAME CARD CAGE WIRED, MCU FILE IDENT T39AMCMU DATE 09-02-82 PAGE 325

RECORD NUMBER	FROM				TO				WIRE				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	SWT	PREFIX	CONNECTOR	PIN	SWT	MULTI GROUP	CODE	COLOR	IDENT												SPEC INST
17837 05448	P03 XA207	013 80			XA207	80				28D	9		H	27YCC1 27YCC1	01 02	#B23-004		SWT	Z5			BIT 27 CM CATH L1		
17839 05641	P03 XA210	015 31			XA210	31				28D	9		H	27YCC2 27YCC2	01 02	#B23-006		SWT	Z2			BIT 27 CM CATH L2		
17841 05634	P03 XA210	017 24			XA210	24				28D	9		H	27YCC3 27YCC3	01 02	#B23-008		SWT	Z2			BIT 27 CM CATH L3		
17843 05606	P03 XA209	019 77			XA209	77				28D	9		H	27YCC4 27YCC4	01 02	#B23-010		SWT	Z5			BIT 27 CM CATH L4		
17845 05609	P03 XA209	021 80			XA209	80				28D	9		H	27YCC5 27YCC5	01 02	#B23-012		SWT	Z5			BIT 27 CM CATH L5		
17847 05672	P03 XA210	023 61			XA210	61				28D	9		H	27YCC6 27YCC6	01 02	#B23-014		SWT	Z4			BIT 27 CM CATH L6		
17849 05675	P03 XA210	025 64			XA210	64				28D	9		H	27YCC7 27YCC7	01 02	#B23-016		SWT	Z4			BIT 27 CM CATH L7		
05528 05526	XA208 XA208	79 77			XA208	77				16B	9			27YCI0 27YCI0	01 02			SWT	Z5			BIT 27 SI DIODE 0		
05529 05447	XA208 XA207	80 79			XA207	79				16B	9			27YCI1 27YCI1	01 02			SWT	Z5			BIT 27 SI DIODE 1		
05688 05690	XA210 XA210	77 79			XA210	79				16B	9			27YCI4 27YCI4	01 02			SWT	Z5			BIT 27 SI DIODE 4		
05608 05691	XA209 XA210	79 80			XA210	80				16B	9			27YCI5 27YCI5	01 02			SWT	Z5			BIT 27 SI DIODE 5		
05522 05518	XA208 XA208	73 69			XA208	69				16B	9			27YCO2 27YCO2	01 02			SWT	Z5			BIT 27 SQ DIODE 2		
05515 05441	XA208 XA207	66 73			XA207	73				16B	9			27YCO3 27YCO3	01 02			SWT	Z5			BIT 27 SQ DIODE 3		
05684 05680	XA210 XA210	73 69			XA210	69				16B	9			27YCO6 27YCO6	01 02			SWT	Z5			BIT 27 SQ DIODE 6		
05602 05677	XA209 XA210	73 66			XA210	66				16B	9			27YCO7 27YCO7	01 02			SWT	Z5			BIT 27 SI DIODE 7		
17850 05519 05618	P03 XA208 XA210	070 70 09			XA208 XA210	70 09				28D 16B	9 9		H	27YSS0 27YSS0 27YSS0	00 01 02	#B23-017		SWT SWT SWT	 Z1				BIT 27 BUS 0	

DRAWING NUMBER 149304-800 STRING  
 UNIT ASSEMBLY NAME CARD CAGE WIRED, MCU

UNIT ASSEMBLY NO. 149304  
 FILE IDENT T39AMCMU

REV G INDEX 27YSS0  
 DATE 09-02-82 PAGE 326

RECORD NUMBER	FROM				TO				WIRE			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	BR P2	PREFIX	CONNECTOR	PIN	BR P2	MULTI GROUP	CODE	COLOR												IDENT					
17851 05620 05438		P03 XA210 XA207	071 11 70			XA210 XA207	11 70				2BD 16B	9 9		H								BIT 27 BUS 1						
																	SWT	Z1										
																	SWT											
17852 05514 05625		P03 XA208 XA210	072 65 15			XA208 XA210	65 15				2BD 16B	9 9		H									BIT 27 BUS 2					
																	SWT	Z1										
17853 05631 05433		P03 XA210 XA207	073 21 65			XA210 XA207	21 65				2BD 16B	9 9		H										BIT 27 BUS 3				
																	SWT	Z1										
17854 05681 05655		P03 XA210 XA210	074 70 45			XA210 XA210	70 45				2BD 16B	9 9		H											BIT 27 BUS 4			
																	SWT	Z3										
17855 05650 05599		P03 XA210 XA209	075 40 70			XA210 XA209	40 70				2BD 16B	9 9		H												BIT 27 BUS 5		
																	SWT	Z3										
17856 05676 05662		P03 XA210 XA210	076 65 51			XA210 XA210	65 51				2BD 16B	9 9		H												BIT 27 BUS 6		
																	SWT	Z3										
17857 05664 05594		P03 XA210 XA209	077 53 65			XA210 XA209	53 65				2BD 16B	9 9		H												BIT 27 BUS 7		
																	SWT	Z3										
17979 08339		P02 XA313	048 13			XA313	13				2BD	9		H												BIT 28 CM ANODE L0		
																	SWT	Z2										
17981 08344		P02 XA313	050 18			XA313	18				2BD	9		H													BIT 28 CM ANODE L1	
																	SWT	Z2										
17983 08457		P02 XA314	052 49			XA314	49				2BD	9		H													BIT 28 CM ANODE L2	
																	SWT	Z4										
17985 08460		P02 XA314	054 52			XA314	52				2BD	9		H													BIT 28 CM ANODE L3	
																	SWT	Z4										
17989 08419		P03 XA314	002 13			XA314	13				2BD	9		H													BIT 28 CM ANODE L4	
																	SWT	Z2										
17991 08425		P03 XA314	004 18			XA314	18				2BD	9		H													BIT 28 CM ANODE L5	
																	SWT	Z2										
17993 08375		P03 XA313	006 49			XA313	49				2BD	9		H													BIT 28 CM ANODE L6	
																	SWT	Z4										

DRAWING NUMBER 149304-800 STRING UNIT ASSEMBLY NO. 149304 REV G INDEX 28YCA6  
 UNIT ASSEMBLY NAME CARD CAGE WIRED, MCU FILE IDENT T39AMCMU DATE 09-02-82 PAGE 327

RECORD NUMBER	FROM			TO			MULTI GROUP	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	PREFIX	CONNECTOR	PIN		CODE	COLOR	IDENT													
17995 08378		P03 XA313	008 52		XA313	52		2BD	9		H	28YCA7 28YCA7	01 02	#B29-017							BIT 28 CM ANODE L7		
17980 08469		P02 XA314	049 61		XA314	61		2BD	9		H	28YCC0 28YCC0	01 02	#B29-002								BIT 28 CM CATH L0	
17982 08472		P02 XA314	051 64		XA314	64		2BD	9		H	28YCC1 28YCC1	01 02	#B29-004								BIT 28 CM CATH L1	
17984 08357		P02 XA313	053 31		XA313	31		2BD	9		H	28YCC2 28YCC2	01 02	#B29-006								BIT 28 CM CATH L2	
17986 08350		P02 XA313	055 24		XA313	24		2BD	9		H	28YCC3 28YCC3	01 02	#B29-008								BIT 28 CM CATH L3	
17990 08387		P03 XA313	003 61		XA313	61		2BD	9		H	28YCC4 28YCC4	01 02	#B29-012								BIT 28 CM CATH L4	
17992 08390		P03 XA313	005 64		XA313	64		2BD	9		H	28YCC5 28YCC5	01 02	#B29-014								BIT 28 CM CATH L5	
17994 08438		P03 XA314	007 31		XA314	31		2BD	9		H	28YCC6 28YCC6	01 02	#B29-016								BIT 28 CM CATH L6	
17996 08431		P03 XA314	009 24		XA314	24		2BD	9		H	28YCC7 28YCC7	01 02	#B29-018								BIT 28 CM CATH L7	
17998 08335 08422		P03 XA313 XA314	058 09 15		XA313 XA314	09 15		2BD 16B	9		H	28YSS0 28YSS0 28YSS0	00 01 02	#B29-020								BIT 28 BUS 0	
17999 08428 08337		P03 XA314 XA313	059 21 11		XA314 XA313	21 11		2BD 16B	9		H	28YSS1 28YSS1 28YSS1	00 01 02	#B29-021								BIT 28 BUS 1	
18000 08341 08415		P03 XA313 XA314	060 15 09		XA313 XA314	15 09		2BD 16B	9		H	28YSS2 28YSS2 28YSS2	00 01 02	#B29-022								BIT 28 BUS 2	
18001 08347 08417		P03 XA313 XA314	061 21 11		XA313 XA314	21 11		2BD 16B	9		H	28YSS3 28YSS3 28YSS3	00 01 02	#B29-023								BIT 28 BUS 3	
18002 08459 08371		P03 XA314 XA313	062 51 45		XA314 XA313	51 45		2BD 16B	9		H	28YSS4 28YSS4 28YSS4	00 01 02	#B29-024								BIT 28 BUS 4	
18003		P03	063		XA314	53		2BD	9		H	28YSS5	00	#B29-025								BIT 28 BUS 5	
								***			SIGNAL	28YSS5		IS ON THE								NEXT PAGE	***

DRAWING NUMBER 149304-800 STRING UNIT ASSEMBLY NO. 149304 REV G INDEX 28YSS5  
 UNIT ASSEMBLY NAME CARD CAGE WIRED, MCU FILE IDENT T39AMCMU DATE 09-02-82 PAGE 328

RECORD NUMBER	FROM			SHT	TO			WIRE				SFC INST MISC	SIGNAL	SEC 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	SHT	MULTI GROUP	CODE	COLOR										IDENT	AND		
08461		XA314	53			XA313	40						28YSS5	01				SWT	Z3					
08366		XA313	40						16B	9			28YSS5	02				SWT	Z3					
18004		P03	064			XA314	45		2BD	9		H	28YSS6	00	#B29-026			SWT	Z3			BIT 28 BUS 6		
08452		XA314	45			XA313	51		16B	9			28YSS6	01				SWT	Z3					
08377		XA313	51										28YSS6	02				SWT	Z3					
18005		P03	065			XA313	53		2BD	9		H	28YSS7	00	#B29-027			SWT	Z3			BIT 28 BUS 7		
08379		XA313	53			XA314	40		16B	9			28YSS7	01				SWT	Z3					
08447		XA314	40										28YSS7	02				SWT	Z3					
18074		P02	032			XA307	69		2BD	9		H	29YCA0	01	#B33-001							BIT 29 CM ANODE L0		
07911		XA307	69										29YCA0	02				SWT	Z5					
18076		P02	034			XA307	66		2BD	9		H	29YCA1	01	#B33-003							BIT 29 CM ANODE L1		
07908		XA307	66										29YCA1	02				SWT	Z5					
18078		P02	036			XA309	69		2BD	9		H	29YCA2	01	#B33-005							BIT 29 CM ANODE L2		
08071		XA309	69										29YCA2	02				SWT	Z5					
18080		P02	038			XA309	66		2BD	9		H	29YCA3	01	#B33-007							BIT 29 CM ANODE L3		
08068		XA309	66										29YCA3	02				SWT	Z5					
18082		P02	040			XA311	69		2BD	9		H	29YCA4	01	#B33-009							BIT 29 CM ANODE L4		
08235		XA311	69										29YCA4	02				SWT	Z5					
18084		P02	042			XA311	66		2BD	9		H	29YCA5	01	#B33-011							BIT 29 CM ANODE L5		
08232		XA311	66										29YCA5	02				SWT	Z5					
18086		P02	044			XA313	69		2BD	9		H	29YCA6	01	#B33-013							BIT 29 CM ANODE L6		
08395		XA313	69										29YCA6	02				SWT	Z5					
18088		P02	046			XA313	66		2BD	9		H	29YCA7	01	#B33-015							BIT 29 CM ANODE L7		
08392		XA313	66										29YCA7	02				SWT	Z5					
18075		P02	033			XA309	77		2BD	9		H	29YCC0	01	#B33-002							BIT 29 CM CATH L0		
08079		XA309	77										29YCC0	02				SWT	Z5					
18077		P02	035			XA309	80		2BD	9		H	29YCC1	01	#B33-004							BIT 29 CM CATH L1		
08082		XA309	80										29YCC1	02				SWT	Z5					
18079		P02	037			XA307	77		2BD	9		H	29YCC2	01	#B33-006							BIT 29 CM CATH L2		
07919		XA307	77										29YCC2	02				SWT	Z5					
18081		P02	039			XA307	80		2BD	9		H	29YCC3	01	#B33-008							BIT 29 CM CATH L3		
07922		XA307	80										29YCC3	02				SWT	Z5					
18083		P02	041			XA313	77		2BD	9		H	29YCC4	01	#B33-010							BIT 29 CM CATH L4		
08403		XA313	77										29YCC4	02				SWT	Z5					
												****	SIGNAL	(29YCC5)	IS ON THE NEXT PAGE				****					

DRAWING NUMBER 149304-800 STRING UNIT ASSEMBLY NO. 149304 REV G INDEX 29YCC5  
 UNIT ASSEMBLY NAME CARD CAGE WIRED, MCU FILE IDENT T39AMCMU DATE 09-02-82 PAGE 329

RECORD NUMBER	FROM				TO				WIRE				SPE. 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
	PREFIX	CONNECTOR	PIN	DR	PREFIX	CONNECTOR	PIN	DR	MULTI GROUP	CODE	COLOR	IDENT											
18085 08406	P02	XA313	043 80		XA313	80			2BD	9			H	29YCC5 29YCC5	01 02	#B33-012		SWT	Z5			BIT 29 CM CATH L5	
18087 08243	P02	XA311	045 77		XA311	77			2BD	9			H	29YCC6 29YCC6	01 02	#B33-014		SWT	Z5			BIT 29 CM CATH L6	
18089 08246	P02	XA311	047 80		XA311	80			2BD	9			H	29YCC7 29YCC7	01 02	#B33-016		SWT	Z5			BIT 29 CM CATH L7	
08161 08163	XA310	XA310	77 79		XA310	79			16B	9				29YCI0 29YCI0	01 02			SWT SWT	Z5			BIT 29 SI DIODE 0	
08164 08081	XA310	XA309	80 79		XA309	79			16B	9				29YCI1 29YCI1	01 02			SWT SWT	Z5			BIT 29 SI DIODE 1	
07999 08001	XA308	XA308	77 79		XA308	79			16B	9				29YCI2 29YCI2	01 02			SWT SWT	Z5			BIT 29 SI DIODE 2	
07921 08002	XA307	XA308	79 80		XA308	80			16B 16B	9 9				29YCI3 29YCI3	01 02			SWT SWT	Z5			BIT 29 SI DIODE 3	
08485 08487	XA314	XA314	77 79		XA314	79			16B	9				29YCI4 29YCI4	01 02			SWT SWT	Z5			BIT 29 SI DIODE 4	
08405 08488	XA313	XA314	79 80		XA314	80			16B	9				29YCI5 29YCI5	01 02			SWT SWT	Z5			BIT 29 SI DIODE 5	
08325 08323	XA312	XA312	79 77		XA312	77			16B	9				29YCI6 29YCI6	01 02			SWT SWT	Z5			BIT 29 SI DIODE 6	
08245 08326	XA311	XA312	79 80		XA312	80			16B	9				29YCI7 29YCI7	01 02			SWT SWT	Z5			BIT 29 SI DIODE 7	
07995 07991	XA308	XA308	73 69		XA308	69			16B	9				29YC00 29YC00	01 02			SWT SWT	Z5			BIT 29 SQ DIODE 0	
07915 07988	XA307	XA308	73 66		XA308	66			16B	9				29YC01 29YC01	01 02			SWT SWT	Z5			BIT 29 SQ DIODE 1	
08157 08153	XA310	XA310	73 69		XA310	69			16B	9				29YC02 29YC02	01 02			SWT SWT	Z5			BIT 29 SQ DIODE 2	
08075 08150	XA309	XA310	73 66		XA310	66			16B	9				29YC03 29YC03	01 02			SWT SWT	Z5			BIT 29 SQ DIODE 3	
08319 08315	XA312	XA312	73 69		XA312	69			16B	9				29YC04 29YC04	01 02			SWT SWT	Z5			BIT 29 SQ DIODE 4	
08239 08312	XA311	XA312	73 66		XA312	66			16B	9				29YC05 29YC05	01 02			SWT SWT	Z5			BIT 29 SQ DIODE 5	

DRAWING NUMBER 149304-800 STRING UNIT ASSEMBLY NO. 149304 REV G INDEX 29YC05  
 UNIT ASSEMBLY NAME CARD CAGE WIRED, MCU FILE IDENT T39AMCMU DATE 09-02-82 PAGE 330

RECORD NUMBER	FROM				TO				WIRE			SPT INST WIRE	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	SIZE	PREFIX	CONNECTOR	PIN	SIZE	MULTI GROUP	CODE	COLOR												
08477 08481		XA314 XA314	69 73			XA314	73			16B	9		29YC06 29YC06	01 02				SWT SWT	Z5			BIT 29 SQ DIODE 6	
08399 08474		XA313 XA314	73 66			XA314	66			16B	9		29YC07 29YC07	01 02				SWT SWT	Z5			BIT 29 SQ DIODE 7	
18090 07987 08154		P02 XA308 XA310	091 65 70			XA308 XA310	65 70			28D 16B	9		H 29YSS0 29YSS0	00 01 02	#B33-017			SWT SWT				BIT 29 BUS 0	
18091 07907 08072		P02 XA307 XA309	092 65 70			XA307 XA309	65 70			28D 16B	9		H 29YSS1 29YSS1	00 01 02	#B33-018			SWT SWT				BIT 29 BUS 1	
18092 08149 07992		P02 XA310 XA308	093 65 70			XA310 XA308	65 70			28D 16B	9		H 29YSS2 29YSS2	00 01 02	#B33-019			SWT SWT				BIT 29 BUS 2	
18093 07912 08067		P02 XA307 XA309	094 70 65			XA307 XA309	70 65			28D 16B	9		H 29YSS3 29YSS3	00 01 02	#B33-020			SWT SWT				BIT 29 BUS 3	
18094 08478 08311		P02 XA314 XA312	095 70 65			XA314 XA312	70 65			28D 16B	9		H 29YSS4 29YSS4	00 01 02	#B33-021			SWT SWT				BIT 29 BUS 4	
18095 08231 08396		P02 XA311 XA313	096 65 70			XA311 XA313	65 70			28D 16B	9		H 29YSS5 29YSS5	00 01 02	#B33-022			SWT SWT				BIT 29 BUS 5	
18096 08473 08316		P02 XA314 XA312	097 65 70			XA314 XA312	65 70			28D 16B	9		H 29YSS6 29YSS6	00 01 02	#B33-023			SWT SWT				BIT 29 BUS 6	
18097 08236 08391		P02 XA311 XA313	098 70 65			XA311 XA313	70 65			28D 16B	9		H 29YSS7 29YSS7	00 01 02	#B33-024			SWT SWT				BIT 29 BUS 7	
18050 11333		P02 XA418	014 13			XA418	13			28D	9		H 30YCA0 30YCA0	01 02	#B32-001			SWT	Z2			BIT 30 CM ANODE L0	
18052 11338		P02 XA418	016 18			XA418	18			28D	9		H 30YCA1 30YCA1	01 02	#B32-003			SWT	Z2			BIT 30 CM ANODE L1	
18054 11450		P02 XA419	018 49			XA419	49			28D	9		H 30YCA2 30YCA2	01 02	#B32-005			SWT	Z4			BIT 30 CM ANODE L2	
18056		P02	020			XA419	52			28D	9		H 30YCA3	01	#B32-007							BIT 30 CM ANODE L3	
										****	SIGNAL	30YCA3	IS ON THE NEXT PAGE										****

DRAWING NUMBER 149304-800 STRING UNIT ASSEMBLY NO. 149304 REV G INDEX 30YCA3  
 UNIT ASSEMBLY NAME CARD CAGE WIRED, MCU FILE IDENT T39AMCMU DATE 09-02-82 PAGE 331

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	PREFIX	CONNECTOR	PIN	MULTI GROUP	CODE	COLOR	IDENT											
11453		XA419	52									30YCA3	02			SWT	Z4				
18058 11413		P02 XA419	022 13		XA419	13		28D	9		H	30YCA4 30YCA4	01 02	#B32-009		SWT	Z2			BIT 30 CM ANODE L4	
18060 11418		P02 XA419	024 18		XA419	18		28D	9		H	30YCA5 30YCA5	01 02	#B32-011		SWT	Z2			BIT 30 CM ANODE L5	
18062 11369		P02 XA418	026 49		XA418	49		28D	9		H	30YCA6 30YCA6	01 02	#B32-013		SWT	Z4			BIT 30 CM ANODE L6	
18064 11372		P02 XA418	030 52		XA418	52		28D	9		H	30YCA7 30YCA7	01 02	#B32-015		SWT	Z4			BIT 30 CM ANODE L7	
18051 11462		P02 XA419	015 61		XA419	61		28D	9		H	30YCC0 30YCC0	01 02	#B32-002		SWT	Z4			BIT 30 CM CATH L0	
18053 11465		P02 XA419	017 64		XA419	64		28D	9		H	30YCC1 30YCC1	01 02	#B32-004		SWT	Z4			BIT 30 CM CATH L1	
18055 11351		P02 XA418	019 31		XA418	31		28D	9		H	30YCC2 30YCC2	01 02	#B32-006		SWT	Z2			BIT 30 CM CATH L2	
18057 11344		P02 XA418	021 24		XA418	24		28D	9		H	30YCC3 30YCC3	01 02	#B32-008		SWT	Z2			BIT 30 CM CATH L3	
18059 11381		P02 XA418	023 61		XA418	61		28D	9		H	30YCC4 30YCC4	01 02	#B32-010		SWT	Z4			BIT 30 CM CATH L4	
18061 11384		P02 XA418	025 64		XA418	64		28D	9		H	30YCC5 30YCC5	01 02	#B32-012		SWT	Z4			BIT 30 CM CATH L5	
18063 11431		P02 XA419	027 31		XA419	31		28D	9		H	30YCC6 30YCC6	01 02	#B32-014		SWT	Z2			BIT 30 CM CATH L6	
18065 11424		P02 XA419	031 24		XA419	24		28D	9		H	30YCC7 30YCC7	01 02	#B32-016		SWT	Z2			BIT 30 CM CATH L7	
18066 11329 11415		P02 XA418 XA419	076 09 15		XA418 XA419	09 15		28D 168	9		H	30YSS0 30YSS0 30YSS0	00 01 02	#B32-017		SWT SWT	Z1 Z1			BIT 30 BUS 0	
18067 11421 11331		P02 XA419 XA418	077 21 11		XA419 XA418	21 11		28D 168	9		H	30YSS1 30YSS1 30YSS1	00 01 02	#B32-018		SWT SWT	Z1 Z1			BIT 30 BUS 1	
18068 11335 11409		P02 XA418 XA419	078 15 09		XA418 XA419	15 09		28D 168	9		H	30YSS2 30YSS2 30YSS2	00 01 02	#B32-019		SWT SWT	Z1 Z1			BIT 30 BUS 2	
								****				SIGNAL (30YSS3)		IS ON THE NEXT PAGE		****					

DRAWING NUMBER 149304-800 STRING UNIT ASSEMBLY NO. 149304 REV G INDEX 30YSS3  
 UNIT ASSEMBLY NAME CARD CAGE WIRED, MCU FILE IDENT T39AMCMU DATE 09-02-82 PAGE 332

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	PREFIX	CONNECTOR	PIN	MULTI GROUP	CODE	COLOR	IDENT											
18069 11411 11341	P02 XA419 XA418	079 11 21		XA419 XA418	11 21		2BD 16B	9 9		H	30YSS3 30YSS3 30YSS3	00 01 02	#B32-020							BIT 30 BUS 3	
18070 11365 11452	P02 XA418 XA419	080 45 51		XA418 XA419	45 51		2BD 16B	9 9		H	30YSS4 30YSS4 30YSS4	00 01 02	#B32-021							BIT 30 BUS 4	
18071 11454 11360	P02 XA419 XA418	081 53 40		XA419 XA418	53 40		2BD 16B	9 9		H	30YSS5 30YSS5 30YSS5	00 01 02	#B32-022							BIT 30 BUS 5	
18072 11371 11445	P02 XA418 XA419	082 51 45		XA418 XA419	51 45		2BD 16B	9 9		H	30YSS6 30YSS6 30YSS6	00 01 02	#B32-023							BIT 30 BUS 6	
18073 11440 11373	P02 XA419 XA418	083 40 53		XA419 XA418	40 53		2BD 16B	9 9		H	30YSS7 30YSS7 30YSS7	00 01 02	#B32-024							BIT 30 BUS 7	
18115 14207	P01 XA511	053 13		XA511	13		2BD	9		H	31YCA0 31YCA0	01 02	#B34-018							BIT 31 CM ANODE L0	
18117 14212	P01 XA511	055 18		XA511	18		2BD	9		H	31YCA1 31YCA1	01 02	#B34-020							BIT 31 CM ANODE L1	
18030 14323	P02 XA512	002 49		XA512	49		2BD	9		H	31YCA2 31YCA2	01 02	#B31-001							BIT 31 CM ANODE L2	
18032 14326	P02 XA512	004 52		XA512	52		2BD	9		H	31YCA3 31YCA3	01 02	#B31-003							BIT 31 CM ANODE L3	
18034 14287	P02 XA512	006 13		XA512	13		2BD	9		H	31YCA4 31YCA4	01 02	#B31-005							BIT 31 CM ANODE L4	
18036 14292	P02 XA512	008 18		XA512	18		2BD	9		H	31YCA5 31YCA5	01 02	#B31-007							BIT 31 CM ANODE L5	
18038 14243	P02 XA511	010 49		XA511	49		2BD	9		H	31YCA6 31YCA6	01 02	#B31-009							BIT 31 CM ANODE L6	
18040 14246	P02 XA511	012 52		XA511	52		2BD	9		H	31YCA7 31YCA7	01 02	#B31-011							BIT 31 CM ANODE L7	
18116 14335	P01 XA512	054 61		XA512	61		2BD	9		H	31YCC0 31YCC0	01 02	#B34-019							BIT 31 CM CATH L0	
18118 14338	P01 XA512	056 64		XA512	64		2BD	9		H	31YCC1 31YCC1	01 02	#B34-021							BIT 31 CM CATH L1	
							****		SIGNAL		(31YCC2)		IS ON THE NEXT PAGE	****							



DRAWING NUMBER 149304-800 STRING UNIT ASSEMBLY NO. 149304 REV G INDEX 31YCC2  
 UNIT ASSEMBLY NAME CARD CAGE WIRED, MCU FILE IDENT T39AMCMU DATE 09-02-82 PAGE 333

RECORD NUMBER	FROM			TO			WIRE				SIGNAL	SEQ NO	EQUATION	TERM	FACTORS	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											
18031 14225	P02 XA511	003 31		XA511	31		2BD	9		H	31YCC2 31YCC2	01 02	#B31-002		SWT	Z2			BIT 31 CM CATH L2		
18033 14218	P02 XA511	005 24		XA511	24		2BD	9		H	31YCC3 31YCC3	01 02	#B31-004		SWT	Z2			BIT 31 CM CATH L3		
18035 14255	P02 XA511	007 61		XA511	61		2BD	9		H	31YCC4 31YCC4	01 02	#B31-006		SWT	Z4			BIT 31 CM CATH L4		
18037 14258	P02 XA511	009 64		XA511	64		2BD	9		H	31YCC5 31YCC5	01 02	#B31-008		SWT	Z4			BIT 31 CM CATH L5		
18039 14305	P02 XA512	011 31		XA512	31		2BD	9		H	31YCC6 31YCC6	01 02	#B31-010		SWT	Z2			BIT 31 CM CATH L6		
18041 14298	P02 XA512	013 24		XA512	24		2BD	9		H	31YCC7 31YCC7	01 02	#B31-012		SWT	Z2			BIT 31 CM CATH L7		
18042 14203 14289	P02 XA511 XA512	058 09 15		XA511 XA512	09 15		2BD 16B	9 9		H	31YSS0 31YSS0 31YSS0	00 01 02	#B31-013		SWT SWT	Z1 Z1			BIT 31 BUS 0		
18043 14295 14205	P02 XA512 XA511	059 21 11		XA512 XA511	21 11		2BD 16B	9 9		H	31YSS1 31YSS1 31YSS1	00 01 02	#B31-014		SWT SWT	Z1 Z1			BIT 31 BUS 1		
18044 14209 14283	P02 XA511 XA512	060 15 09		XA511 XA512	15 09		2BD 16B	9 9		H	31YSS2 31YSS2 31YSS2	00 01 02	#B31-015		SWT SWT	Z1 Z1			BIT 31 BUS 2		
18045 14215 14285	P02 XA511 XA512	061 21 11		XA511 XA512	21 11		2BD 16B	9 9		H	31YSS3 31YSS3 31YSS3	00 01 02	#B31-016		SWT SWT	Z1 Z1			BIT 31 BUS 3		
18046 14325 14239	P02 XA512 XA511	062 51 45		XA512 XA511	51 45		2BD 16B	9 9		H	31YSS4 31YSS4 31YSS4	00 01 02	#B31-017		SWT SWT	Z3 Z3			BIT 31 BUS 4		
18047 14234 14327	P02 XA511 XA512	063 40 53		XA511 XA512	40 53		2BD 16B	9 9		H	31YSS5 31YSS5 31YSS5	00 01 02	#B31-018		SWT SWT	Z3 Z3			BIT 31 BUS 5		
18048 14319 14245	P02 XA512 XA511	064 45 51		XA512 XA511	45 51		2BD 16B	9 9		H	31YSS6 31YSS6 31YSS6	00 01 02	#B31-019		SWT SWT	Z3 Z3			BIT 31 BUS 6		
18049 14247 14314	P02 XA511 XA512	065 53 40		XA511 XA512	53 40		2BD 16B	9 9		H	31YSS7 31YSS7 31YSS7	00 01 02	#B31-020		SWT SWT	Z3 Z3			BIT 31 BUS 7		
**** SIGNAL (32YCA0) IS ON THE NEXT PAGE ****																					

DRAWING NUMBER 149304-800 STRING UNIT ASSEMBLY NO. 149304 REV G INDEX 32YCA0  
 UNIT ASSEMBLY NAME CARD CAGE WIRED, MCU FILE IDENT T39AMCMU DATE 09-02-82 PAGE 334

RECORD NUMBER	FROM				TO				WIRE				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 PC	PREFIX	CONNECTOR	PIN	SH PC	MULTI GROUP	CODE	COLOR	IDENT												SPEC INST
18098 14367	P01 XA513	036 13			XA513	13			2BD	9			H	32YCA0 32YCA0	01 02	#B34-001		SWT	Z2			BIT 32 CM ANODE L0		
18101 14372	P01 XA513	039 18			XA513	18			2BD	9			H	32YCA1 32YCA1	01 02	#B34-004		SWT	Z2			BIT 32 CM ANODE L1		
18103 14486	P01 XA514	041 49			XA514	49			2BD	9			H	32YCA2 32YCA2	01 02	#B34-006		SWT	Z4			BIT 32 CM ANODE L2		
18105 14489	P01 XA514	043 52			XA514	52			2BD	9			H	32YCA3 32YCA3	01 02	#B34-008		SWT	Z4			BIT 32 CM ANODE L3		
18107 14448	P01 XA514	045 13			XA514	13			2BD	9			H	32YCA4 32YCA4	01 02	#B34-010		SWT	Z2			BIT 32 CM ANODE L4		
18109 14454	P01 XA514	047 18			XA514	18			2BD	9			H	32YCA5 32YCA5	01 02	#B34-012		SWT	Z2			BIT 32 CM ANODE L5		
18111 14404	P01 XA513	049 49			XA513	49			2BD	9			H	32YCA6 32YCA6	01 02	#B34-014		SWT	Z4			BIT 32 CM ANODE L6		
18113 14407	P01 XA513	051 52			XA513	52			2BD	9			H	32YCA7 32YCA7	01 02	#B34-016		SWT	Z4			BIT 32 CM ANODE L7		
18099 14498	P01 XA514	037 61			XA514	61			2BD	9			H	32YCC0 32YCC0	01 02	#B34-002		SWT	Z4			BIT 32 CM CATH L0		
18102 14501	P01 XA514	040 64			XA514	64			2BD	9			H	32YCC1 32YCC1	01 02	#B34-005		SWT	Z4			BIT 32 CM CATH L1		
18104 14385	P01 XA513	042 31			XA513	31			2BD	9			H	32YCC2 32YCC2	01 02	#B34-007		SWT	Z2			BIT 32 CM CATH L2		
18106 14378	P01 XA513	044 24			XA513	24			2BD	9			H	32YCC3 32YCC3	01 02	#B34-009		SWT	Z2			BIT 32 CM CATH L3		
18108 14416	P01 XA513	046 61			XA513	61			2BD	9			H	32YCC4 32YCC4	01 02	#B34-011		SWT	Z4			BIT 32 CM CATH L4		
18110 14419	P01 XA513	048 64			XA513	64			2BD	9			H	32YCC5 32YCC5	01 02	#B34-013		SWT	Z4			BIT 32 CM CATH L5		
18112 14467	P01 XA514	050 31			XA514	31			2BD	9			H	32YCC6 32YCC6	01 02	#B34-015		SWT	Z2			BIT 32 CM CATH L6		
18114 14460	P01 XA514	052 24			XA514	24			2BD	9			H	32YCC7 32YCC7	01 02	#B34-017		SWT	Z2			BIT 32 CM CATH L7		
18119 14363	P01 XA513	104 09			XA513 XA514	09 15			2BD 16B	9 9			H	32YSS0 32YSS0	00 01	#B34-022		SWT	Z1			BIT 32 BUS 0		
												****	SIGNAL	32YSS0	IS ON THE NEXT PAGE ****									

DRAWING NUMBER 149304-800 STRING UNIT ASSEMBLY NO. 149304 REV G INDEX 32YSS0  
 UNIT ASSEMBLY NAME CARD CAGE WIRED, MCU FILE IDENT T39AMCMU DATE 09-02-82 PAGE 335

RECORD NUMBER	FROM			TO			WIRE					SIGNAL	REC NO	EQUATION	TERM	FACTOR	CKT OR CHIP TYPE	GROUP	LOAD CP. POWER PLANE	TEST POINTS AND/OR	SIGNAL DESCRIPTION	ECO NO
	PREFIX	CONNECTOR	PIN	PREFIX	CONNECTOR	PIN	MULTI GROUP	CODE	COLOR	IDENT	SPEC TEST											
14451		XA514	15									32YSS0	02				SWT	Z1				
18120	P01	XA514	105	XA514	21		28D	9		H		32YSS1	00	#834-023							BIT 32 BUS 1	
14457		XA514	21	XA513	11		16B	9				32YSS1	01				SWT	Z1				
14365		XA513	11									32YSS1	02				SWT	Z1				
18121	P01	XA514	106	XA513	15		28D	9		H		32YSS2	00	#834-024							BIT 32 BUS 2	
14369		XA513	15	XA514	09		16B	9				32YSS2	01				SWT	Z1				
14444		XA514	09									32YSS2	02				SWT	Z1				
18122	P01	XA514	107	XA514	11		28D	9		H		32YSS3	00	#834-025							BIT 32 BUS 3	
14446		XA514	11	XA513	21		16B	9				32YSS3	01				SWT	Z1				
14375		XA513	21									32YSS3	02				SWT	Z1				
18123	P01	XA513	108	XA513	45		28D	9		H		32YSS4	00	#834-026							BIT 32 BUS 4	
14399		XA513	45	XA514	51		16B	9				32YSS4	01				SWT	Z3				
14488		XA514	51									32YSS4	02				SWT	Z3				
18124	P01	XA514	109	XA514	53		28D	9		H		32YSS5	00	#834-027							BIT 32 BUS 5	
14490		XA514	53	XA513	40		16B	9				32YSS5	01				SWT	Z3				
14394		XA513	40									32YSS5	02				SWT	Z3				
18125	P01	XA513	110	XA513	51		28D	9		H		32YSS6	00	#834-028							BIT 32 BUS 6	
14406		XA513	51	XA514	45		16B	9				32YSS6	01				SWT	Z3				
14481		XA514	45									32YSS6	02				SWT	Z3				
18126	P01	XA514	111	XA514	40		28D	9		H		32YSS7	00	#834-029							BIT 32 BUS 7	
14476		XA514	40	XA513	53		16B	9				32YSS7	01				SWT	Z3				
14408		XA513	53									32YSS7	02				SWT	Z3				



RECOMMENDED CHANGES TO EQUIPMENT TECHNICAL PUBLICATIONS



THEN...JOT DOWN THE DOPE ABOUT IT ON THIS FORM. CAREFULLY TEAR IT OUT, FOLD IT AND DROP IT IN THE MAIL.

SOMETHING WRONG WITH PUBLICATION

FROM: (PRINT YOUR UNIT'S COMPLETE ADDRESS)

DATE SENT

PUBLICATION NUMBER

PUBLICATION DATE

PUBLICATION TITLE

BE EXACT PIN-POINT WHERE IT IS

PAGE NO.	PARA-GRAPH	FIGURE NO.	TABLE NO.
----------	------------	------------	-----------

IN THIS SPACE, TELL WHAT IS WRONG AND WHAT SHOULD BE DONE ABOUT IT.

TEAR ALONG PERFORATED LINE

PRINTED NAME, GRADE OR TITLE AND TELEPHONE NUMBER

SIGN HERE

By Order of the Secretaries of the Army, the Navy and the Air Force:

JOHN A. WICKHAM JR.  
*General, United States Army*  
*Chief of Staff*

Official:

**ROBERT M. JOYCE**  
*Major General, United States Army*  
*The Adjutant General*

**G.B. SCHICK, J.R.**  
*Rear Admiral, United States Navy*  
*Commander, Naval Electronic*  
*Systems Command*

Official:

**JAMES P. MULLINS**  
*General, USAF, Commander, Air Force*  
*Logistics Command*

DISTRIBUTION:

To be distributed in accordance with DA Form 12-51A-1, Direct and General Support Maintenance requirements for AN/TTC/39 and AN/TYC-39.

\*U.S. GOVERNMENT PRINTING OFFICE: 1987 O-181-421 (61037)

**PIN: 054165-000**