

ARMY
NAVY
AIR FORCE

TM 11-5895-856-34-7
EE640-CA-MMI-070/E154 CPU
TO 31W2-2T-122-7

TECHNICAL MANUAL

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

**AUTOMATIC DATA PROCESSING
ASSEMBLIES**

DEPARTMENTS OF THE ARMY, NAVY, AND AIR FORCE

28 SEPTEMBER 1983



5

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

1

DO NOT TRY TO PULL OR GRAB THE INDIVIDUAL

2

IF POSSIBLE, TURN OFF THE ELECTRICAL POWER

3

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

4

SEND FOR HELP AS SOON AS POSSIBLE

5

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

TM 11-5895-856-34-7
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TO 31 W2-2T-122-7

TECHNICAL MANUAL
N10. 11-5895-856-34-7
TECHNICAL MANUAL
EE640-CA-MMI-070/E154 CPU
TECHNICAL ORDER
TO 31W2-2T-122-7

DEPARTMENTS OF THE ARMY
THE NAVY, AND
THE AIR FORCE

Washington, DC, 28 September 1983

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FOR
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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 7 TM 11-5895-856-34-7

Card Cage Assembly, Central Processor Unit- L.H., Wire List, Connector (149012-880)

This volume is part of a 24-volume set covering the direct support and general support maintenance of the automatic data processing assemblies. This volume contains the connector wire list for the left-hand card cage assembly of the central processor unit, drawing number 149012-880. 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.

WARNING

HIGH VOLTAGE

is used in the operation of this equipment.

DEATH ON CONTACT

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

WARNING

USE OF CLEANING SOLVENT

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

INSERT LATEST CHANGED PAGES. DESTROY SUPERSEDED PAGES.

LIST OF EFFECTIVE PAGES

Dates of issue for original and changed Pages are:

Original..0..

TOTAL NUMBER OF PAGES IN THIS PUBLICATION IS 452 CONSISTING OF THE FOLLOWING:

Page No.	# Change No.	Page No.	# Change No.	Page No.	# Change No.
Cover	0				
Safety Steps.....	0				
a.....	0				
b.....	0				
i - ii.....	0				
 (149012-880)					
1-438.....	0				
Report of Errors.....	0				

Zero in this column indicates an original page.

**CARD CAGE ASSEMBLY, CENTRAL PROCESSOR UNIT
-LEFT HAND
CONNECTOR WIRE LIST
149012-880**

NOTES: UNLESS OTHERWISE SPECIFIED

1. REFERENCE TO SHEET 3 FOR DEFINITION OF FIELDS.
2. REFERENCE TO SHEET 4 FOR CONFIGURATIONS OF SHIELD AND WIRE TERMINATIONS.
3. REFERENCE TO SHEET 5 OF STRING LIST FOR WIRE CODE DEFINITIONS.
4. REFERENCE TO SHEET 6 OF STRING LIST FOR WIRE PARTS 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
- T. 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.

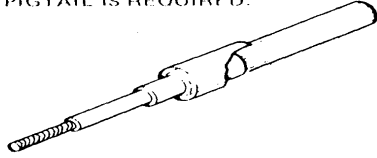
- SPP-Denotes an available termination.
- SPF-Denotes an unwired termination which has an assigned function.
- SPW-Denotes a non-function, wire which is terminated at one or both ends.
- SPO-Denotes a spare output of a circuit.
- DNW-Indicates that a termination may not be wired.
- SPA-Denotes an unassigned 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.
- SPD-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.
149012-880
Rev. E, sheet 3

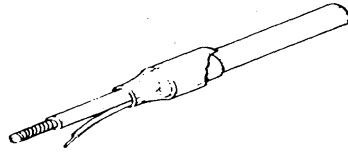
SHIELD FIGURE A

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



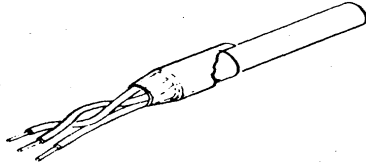
SHIELD FIGURE B

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



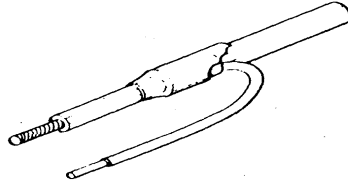
SHIELD FIGURE G

SHIELDED CABLE TERMINATION WITH DRAIN WIRE



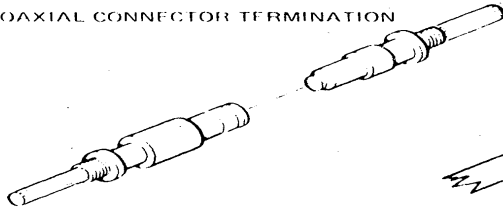
SHIELD FIGURE C

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



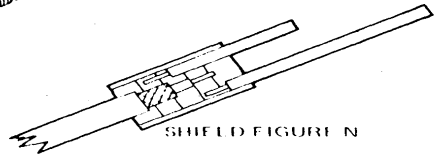
SHIELD FIGURE Z

COAXIAL CONNECTOR TERMINATION



SHIELD FIGURE N

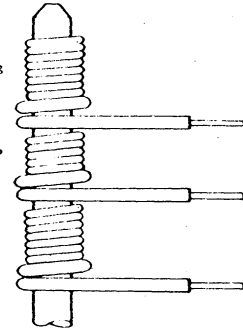
TRANSITION DEVICE WITH
SOLID WIRE PIGTAILS



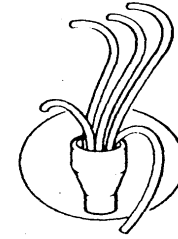
SHIELD FIGURE NO. 3

SHIELD FIGURE NO. 2

SHIELD FIGURE NO. 1



SHIELD FIGURE NUMBER
INDICATES LEVEL OF WIRE WRAP

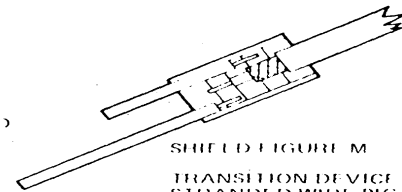


SHIELD FIGURE X

SHIELDED WIRE
PIGTAILS HYBRID

SHIELD FIGURE M

TRANSITION DEVICE WITH
STRANDED WIRE PIGTAILS



DRAWING NUMBER
UNIT ASSEMBLY NAME

149012-880 CONNECTOR
CARD CAGE ASSY, CPU L.H.

UNIT ASSEMBLY NO. 149012
FILE IDENT T39B2CP1

REV E INDEX
DATE 090382 PAGE 5

NUMBER	PREFIX	CONNECTOR	PIN	U S	PREFIX	CONNECTOR	PIN	M S	MULTI GROUP	CODE	COLOR	IDENT	S S	SIGNAL	SPW NO	INVA IMP	TE R	CHIP TYPE	SPSP	POWER PLANE	POINTS AND OR	INTERNAL DESCRIPTION	ECO NO
22771		E16												SPP									
22772		E17												SPP									
22773		E18												SPP									
22774		E19												SPP									
22775		E20												SPP									
22776		E21												SPP									
22777		E22												SPP									
22778		E23												SPP									
22779		E24												SPP									
22780		E25												SPP									
22781		E26												SPP									
22782		E27												SPP									
22783		E28												SPP									
22784		E29												SPP									
22785		E30												SPP									
22786		E31												SPP									
22787		E32												SPP									

DRAWING NUMBER 149012-880 CONNECTOR
 UNIT ASSEMBLY NAME CARD CAGE ASSY, CPU L.H.

UNIT ASSEMBLY NO. 149012
 FILE IDENT T39B2CP1

REV E INDEX E33
 DATE 090382 PAGE 6

RECORD NUMBER	FROM				TO				WIRE				SIGNAL	SFD NO	EQUATION	TERM	FACTOR	CKT OR CHIP TYPE	LOAD OR POWER PLANE	TEST POINTS (END OR)	SIGNAL DESCRIPTION	ECO NO	
	PREFIX	CONNECTOR	PIN	WIRE	PREFIX	CONNECTOR	PIN	WIRE	MULTI GROUP	CODE	COLOR	IDENT											
22788		E33											SPP										
22789		E34											SPP										
22790		E35											SPP										
22791		E36											SPP										
22792		E37											SPP										
22793		E38											SPP										
22794		E39											SPP										
22795		E40											SPP										
22796		E41											SPP										
22797		E42											SPP										
22798		E43											SPP										
22799		E44											SPP										
22800		E45											SPP										
22801		E46											SPP										
22802		E47											SPP										
22803		E48											SPP										
22804		E49											SPP										

DRAWING NUMBER 149012-880 CONNECTOR UNIT ASSEMBLY NO. 149012 REV E INDEX J01
 UNIT ASSEMBLY NAME CARD CAGE ASSY, CPU L.H. FILE IDENT T39B2CP1 DATE 090382 PAGE 8

RECORD NUMBER	PREFIX	CONNECTOR	PIN	DRUG	PREFIX	CONNECTOR	PIN	DRUG	MULTI GROUP	CODE	COLOR	IDENT	1 TO 25	SIGNAL	SEQ NO	EQUATION	T	U	V	W	X	Y	Z	GROUP	POWER PLANE	AND/OR	DESCRIPTION	NO								
22381	J01	A1												SPP	01																					
22382	J01	A2												SPP	01																					
22494	J01	A3												SPP	01																					
22495	J01	A4									1B0	9		WCPUON	03																					
22383	J01	A5												SPP																						
21362	J01	A6												SPP																						
21374	J01	B1			J01	D1					1B0	2		+5V																						
23326	J01	B1												+5V01	01																					
22823	J01	B2												GND																						
21375	J01	B3												+5V																						
23330	J01	B3			J01	F3					1B0	2		+5V05	01																					
22824	J01	B4												GND																						
21376	J01	B5												+5V																						
22825	J01	B6												GND																						
22826	J01	C1												GND																						
21377	J01	C2												+5V																						
23329	J01	C2			J01	F1					1B0	2		+5V04	01																					
22827	J01	C3												GND																						
21378	J01	C4												+5V																						
23327	J01	C4			J01	E4					1B0	2		+5V02	01																					
22828	J01	C5												GND																						
21379	J01	C6												+5V																						
23328	J01	C6			J01	E6					1B0	2		+5V03	01																					
21380	J01	D1												+5V01	02																					
22829	J01	D2												GND																						
21381	J01	D3												+5V																						
23332	J01	D3			J01	N2					1B0	2		+5V07	01																					
22830	J01	D4												GND																						
21382	J01	D5												+5V																						
23331	J01	D5			J01	F5					1B0	2		+5V06	01																					
22831	J01	D6												GND																						
22403	J01	E2			XA104	11					1B0	9		KC1FLT	01																					
22832	J01	E3												GND																						
21384	J01	E4												+5V02	02																					
22833	J01	E5												GND																						
21385	J01	E6												+5V03	02																					
22399	J01	F1												+5V04	02																					
22834	J01	F2												GND																						
22405	J01	F3												+5V05	02																					
22835	J01	F4												GND																						
22411	J01	F5												+5V06	02																					
22836	J01	F6												GND																						
22384	J01	H1												SPP																						
22385	J01	H2												SPP																						
21394	J01	H5												GND	01																					
21395	J01	H6												SPP	01																					
22386	J01	J1												SPP																						
22387	J01	K1												SPP																						
22388	J01	K2												GND																						
21386	J01	K5												SPP	01																					
CONNECTOR J01 CONTINUED ON THE NEXT PAGE ****																																				

DRAWING NUMBER 149012-880 CONNECTOR UNIT ASSEMBLY NO. 149012 REV E INDEX
 UNIT ASSEMBLY NAME CARD CAGE ASSY, CPU L.H. FILE IDENT T39B2CP1 DATE 090382 PAGE 9

RECORD NUMBER	PREFIX	CONNECTOR	PIN	DRIVE	PREFIX	CONNECTOR	PIN	PL	MULTI GROUP	CODE	COLOR	IDENT	SIGNAL	SFG NO	EQUATION	TERM	FACT	U/I OF CHIP TYPE	GROUP	LOAD OR POWER PLANE	TEST POINTS AND OR	SIGNAL DESCRIPTION	ECO NO
21387	J01	K6											SPP										
22391	J01	L1				XA203	58			ZB	1EB	0	JDDI1G	01				PWR					C07
22392	J01	L2				XA203	57			ZB	1EB	9	JDDI1A	01				PWR					C07
23303	J01	L3				XA104	04			Z1	1EB	0	YMMIDZ	01				PWR					C07
23422	J01	L3											GND					PWR					A01
22390	J01	L4				XA104	03			Z1	1EB	9	YMMIDB	00				PWR					C07
22393	J01	L5				XA104	28			Z2	1ED	0	+5AXUG	01				PWR					A01
23423	J01	L5											GND					PWR					A01
22394	J01	L6				XA104	27			Z2	1ED	2	+5AXUC	01				PWR					A01
22375	J01	M2				XA107	40				16B	9	LOGC1B	01				PWR					
22497	J01	M3											SPP					PWR					
22496	J01	M4											GND					PWR					A01
23298	J01	M5											SPP					PWR					
22397	J01	M6											SPP	01				PWR					
21393	J01	N1											SPP	01				PWR					
21392	J01	N2								1B0	2		+5V07	02				PWR					
22400	J01	N3											GND					PWR					
22401	J01	N4											SPP					PWR					
23225	J01	N5											SPP	01				PWR					
21383	J01	N6											SPP					PWR					
21390	J01	P1											SPP	01				PWR					
21388	J01	P2											SPP	01				PWR					
22406	J01	P3											SPP					PWR					
22407	J01	P4											GND					PWR					A01
23299	J01	P5											SPP					PWR					
22409	J01	P6											SPP	01				PWR					
21391	J01	R1											SPP	01				PWR					
21389	J01	R2											SPP	01				PWR					
22412	J01	R3											SPP	01				PWR					
22373	J01	R4											SPP	01				PWR					
22374	J01	R5											GND					PWR					A01
22395	J01	R6											SPP					PWR					
22376	J01	S1											SPP					PWR					
22377	J01	S2											GND					PWR					A01
22378	J01	S3											SPP					PWR					
22493	J01	S4											SPP	01				PWR					
22375	J01	S5											SPP					PWR					
22380	J01	S6											GND					PWR					A01
17929	XA104	01				XA203	59			ZS	1EB	9	JDDI2A	01				EXT					
10819	XA104	02				XA203	60			ZS	1EB	0	JDDI2G	01	GROUND			EXT					
17930	XA104	03				XA107	13				16B	9	YMMIDB	01				EXT					C02
17931	XA104	04				XA104	06				16B	9	GND001	02				EXT					
23459	XA104	04								Z1	1EB	0	YMMIDZ	02				EXT					C02
17932	XA104	05									16B	9	WDDIJA	02				EXT					
17933	XA104	06				XA104	08				16B	9	GND001	03				EXT					
17934	XA104	07											SPP	01				EXT					
17935	XA104	08				XA104	10				16B	9	GND001	04				EXT					
17936	XA104	09											SPP	01				EXT					
CONNECTOR (XA104) CONTINUED ON THE NEXT PAGE ****																							

DRAWING NUMBER 149012-880 CONNECTOR UNIT ASSEMBLY NO. 149012 REV E INDEX
 UNIT ASSEMBLY NAME CARD CAGE ASSY, CPU L.H. FILE IDENT T39B2CP1 DATE 090382 PAGE 10

RECORD NUMBER	PREFIX	CONNECTOR	PIN	INT	PREFIX	CONNECTOR	PIN	INT	MULTI GROUP	CODE	COLOR	IDENT	FRONT VIEW	SIGNAL	SEQ NO	EQUATION	TERM	FACT	CHIP OR TYPE	GROUP	LOAD OR POWER PLANE	TEST POINTS AND OR	SIGNAL DESCRIPTION	ECO NO
17937		XA104	10		XA105	14				16B	9			GND001	05				EXT					
17938		XA104	11							18D	9			KC1FLT	02				EXT					
00275		XA104	12		XA104	14				16B	9			GND002	00C				EXT					
23443		XA104	12						Q3	1ED	0			+5VDCC	02				EXT					
17939		XA104	13		XA107	41				16B	9			LOGC2B	01				EXT					B03
17940		XA104	14		XA104	16				16B	9			GND002	005				EXT					
17941		XA104	15		XA104	17				16B	9			+5VDOCT	AD				EXT					B03
10820		XA104	16		XA104	18				16B	9			GND002	01				EXT					
17942		XA104	17		XA104	19				16B	9			+5VDOCT	AG				EXT					B03
17943		XA104	18		XA104	20				16B	9			GND002	02				EXT					
17944		XA104	19		XA104	45				16B	9			+5VDOCT	AH				EXT					B03
17945		XA104	20		XA104	24				16B	9			GND002	03				EXT					
17946		XA104	21		XA107	27			ZC	1ED	2			+5RES1	02				EXT					A01
17947		XA104	22		XA107	32			ZC	1ED	0			+5RESR	01				EXT					D01
17948		XA104	23		XA104	21				16B	9			+5RES1	01				EXT					
17949		XA104	24		XA104	26				16B	9			GND002	05				EXT					
17950		XA104	25											SPP	01				EXT					
17951		XA104	26		XA105	26				16B	9			GND002	06				EXT				TO F/P	
17952		XA104	27		XA311	79			ZK	1ED	2			+5AXUC	02				EXT					B04
00276		XA104	28						22	1ED	0			+5AXUG	02				EXT				PORT B,C	
17953		XA104	29											SPP	01				EXT					
17954		XA104	30		XA104	32				16B	9			GND003	01	GRGUND			EXT					
17955		XA104	31		XA315	30				16B	9			KBAY1D	01				EXT					
10821		XA104	32		XA104	33				16B	9			GND003	02				EXT					
23441		XA104	32		XA311	77			ZK	1ED	0			+5AXUR	01				EXT					B04
17956		XA104	33		XA104	34				16B	9			GND003	025				EXT					
23090		XA104	34		XA104	36				16B	9			GND003	03				EXT					
17958		XA104	35		XA104	37				16B	9			+05VIC	00C				EXT					
17959		XA104	36		XA104	38				16B	9			GND003	04				EXT					
17960		XA104	37		XA311	03				16B	9			+05VIC	005				EXT					
17961		XA104	38		XA104	40				16B	9			GND003	05				EXT					
17962		XA104	39		J01	A4				18D	9			WCPUON	02				EXT					
17963		XA104	40		XA104	42				16B	9			GND003	055				EXT					
17964		XA104	41		XA107	11				16B	9			OSOGNO	01				EXT					
17965		XA104	42		XA105	40				16B	9			GND003	06				EXT					
17966		XA104	43		XA104	39				16B	9			WCPUON	01				EXT					
10822		XA104	44		XA104	46				16B	9			GND004	01				EXT					
17967		XA104	45		XA104	47				16B	9			+5VDOCT	AJ				EXT					B03
17968		XA104	46		XA104	48				16B	9			GND004	02				EXT					
17969		XA104	47		XA104	49				16B	9			+5VDOCT	AM				EXT					B03
17970		XA104	48		XA104	50				16B	9			GND004	03				EXT					
17971		XA104	49		XA104	57				16B	9			+5VDOCT	AP				EXT					B03
17972		XA104	50		XA105	54				16B	9			GND004	04				EXT					
17973		XA104	51		XA107	26			24	1ED	0			+5VRB2	01				EXT					A01
17974		XA104	52		XA107	16			24	1ED	0			+5VRB2	01				EXT					A01
17975		XA104	53						25	1ED	9			+5VRB2	03				EXT					A01
17976		XA104	54						25	1ED	0			+5VRBR	02				EXT					A01
17977		XA104	55											SPP	01				EXT					
17978		XA104	56		XA104	60				16B	9			GND005	01				EXT					
17979		XA104	57		XA104	59				16B	9			+5VDOCT	A2				EXT					B03
CONNECTOR (XA104) CONTINUED ON THE NEXT PAGE ****																								

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CONNECTOR

UNIT ASSEMBLY NO. 149012

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DATE 090382

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RECORD NUMBER	FROM				TO				WIRE				SIGNAL	SEG NO	EQUATION	TERM	FACTOR	CKT OR CHIP TYPE	GROUP	LOAD OR POWER PLANE	TEST POINT'S AND/OR	SIGNAL DESCRIPTION	ECO NO
	PREFIX	CONNECTOR	PIN	U.S.	PREFIX	CONNECTOR	PIN	U.S.	MULTI GROUP	CODE	COLOR	IDENT											
10823		XA104	58										SPP	02				EXT					B03
17980		XA104	59		XA104	61				168	9		+5VDC	A4				EXT					B03
17981		XA104	60		XA104	62				168	9		GND005	03				EXT					
17982		XA104	61		XA104	63				168	9		+5VDC	A6				EXT					B03
17983		XA104	62		XA104	64				168	9		GND005	04				EXT					
17984		XA104	63		XA104	65				168	9		+5VDC	A8				EXT					B03
17985		XA104	64		XA104	66				168	9		GND005	05				EXT					
17986		XA104	65		XA104	67				168	9		+5VDC	B2				EXT					B03
17987		XA104	66		XA104	68				168	9		GND005	06				EXT					
10824		XA104	67		XA104	69				168	9		+5VDC	B4				EXT					B03
17988		XA104	68		XA105	66				168	9		GND005	07				EXT					
17989		XA104	69		XA104	71				168	9		+5VDC	B6				EXT					B03
17990		XA104	70		XA104	72				168	9		GND006	01				EXT					
17991		XA104	71		XA104	73				168	9		+5VDC	B8				EXT					B03
17992		XA104	72		XA104	74				168	9		GND006	02				EXT					
17993		XA104	73		XA104	75				168	9		+5VDC	C2				EXT					B03
17994		XA104	74		XA104	76				168	9		GND006	03				EXT					
17995		XA104	75		XA104	77				168	9		+5VDC	C4				EXT					B03
17996		XA104	76		XA104	78				168	9		GND006	04				EXT					
17997		XA104	77		XA104	79				168	9		+5VDC	C6				EXT					B03
17998		XA104	78		XA104	80				168	9		GND006	05				EXT					
17999		XA104	79		XA107	61			Q4	1ED	2		+5VDC	01				EXT					B03
18000		XA104	80		XA105	80				168	9		GND006	06				EXT					
23444		XA104	80		XA108	58			Q4	1ED	0		+5VDCR	01				EXT					B03
21444		XA105	01		XA115	30				168	9		AMSNDA	01				EXT					(TO BAY 2)
23082		XA105	02		XA106	02				168	9		GND001	12				EXT					
21436		XA105	03		XA130	53				168	9		AMRFTA	01				EXT					
23081		XA105	04		XA105	02				168	9		GND001	11				EXT					
21439		XA105	05		XA113	20				168	9		AMRFT0	01				EXT					
23080		XA105	06		XA105	04				168	9		GND001	10				EXT					
21432		XA105	07		XA130	64				168	9		AMNMZA	01				EXT					
23079		XA105	08		XA105	06				168	9		GND001	09				EXT					
21435		XA105	09		XA130	60				168	9		AMNMZ0	01				EXT					
23078		XA105	10		XA105	08				168	9		GND001	08				EXT					
21431		XA105	11		XA130	66				168	9		AMNLZ0	01				EXT					
23077		XA105	12		XA105	10				168	9		GND001	07				EXT					
21424		XA105	13		XA113	36				168	9		AL32BQ	01				EXT					
23076		XA105	14		XA105	12				168	9		GND001	06				EXT					
21423		XA105	15		XA113	31				168	9		AL32BP	01				EXT					
23088		XA105	16		XA106	16				168	9		GND002	12				EXT					
21403		XA105	17		XA115	48				168	9		AC00BP	01				EXT					
23087		XA105	18		XA105	16				168	9		GND002	11				EXT					
21595		XA105	19		XA113	19				168	9		CQA0C0	01				EXT					
23086		XA105	20		XA105	18				168	9		GND002	10				EXT					
21592		XA105	21		XA115	41				168	9		CQA0CA	01				EXT					
23085		XA105	22		XA105	20				168	9		GND002	09				EXT					
21604		XA105	23		XA123	76				168	9		CQA3CA	01				EXT					
23084		XA105	24		XA105	22				168	9		GND002	08				EXT					
CONNECTOR		XA105	CONTINUED ON THE NEXT PAGE ****																				

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RECORD NUMBER	PREFIX	CONNECTOR	PIN	U.S. MIL SPEC	PREFIX	CONNECTOR	PIN	U.S. MIL SPEC	MULTI GROUP	CODE	COLOR	IDENT	SIGNAL	SEQ NO	EQUATION	TEST	FACT	OR CHIP TYPE	GROUP	CP POWER PLANE	POINTS AND/OR	SIGNAL DESCRIPTION	ECO NO
21613		XA105	25		XA111	22				168	9		CQA5C0	01				EXT					
23083		XA105	26		XA105	24				168	9		GND002	07				EXT					
21614		XA105	27		XA115	22				168	9		CQA6CA	01				EXT					
23096		XA105	28		XA106	32				168	9		GND003	13				EXT					
21590		XA105	29		XA148	10				168	9		CQALTA	01				EXT					
23095		XA105	30		XA105	28				168	9		GND003	12				EXT					
21629		XA105	31		XA111	14				168	9		CQB2C0	01				EXT					
23094		XA105	32		XA105	30				168	9		GND003	11				EXT					
21633		XA105	33		XA113	25				168	9		CQB4C0	01				EXT					
23093		XA105	34		XA105	32				168	9		GND003	10				EXT					
21637		XA105	35		XA111	71				168	9		CQB5C0	01				EXT					
23092		XA105	36		XA105	34				168	9		GND003	09				EXT					
21634		XA105	37		XA131	56				168	9		CQB5CA	01				EXT					
23091		XA105	38		XA105	36				168	9		GND003	08				EXT					
22049		XA105	39										SPP					EXT					
22050		XA105	40		XA105	38				168	9		GND003	07				EXT					
21475		XA105	41		XA140	06				168	9		AYHXCO	01				EXT					
23104		XA105	42		XA106	44				168	9		GND004	13				EXT					
21746		XA105	43		XA511	71				168	9		EYABLA	01				EXT					A01
23103		XA105	44		XA105	42				168	9		GND004	12				EXT					
21745		XA105	45		XA529	25				168	9		ES07BP	01				EXT					
23102		XA105	46		XA105	44				168	9		GND004	11				EXT					
21449		XA105	47		XA115	46				168	9		AMSNLO	01	GROUND			EXT					
23101		XA105	48		XA105	46				168	9		GND004	10				EXT					
21446		XA105	49		XA130	36				168	9		AMSNLA	01				EXT					
23100		XA105	50		XA105	48				168	9		GND004	09				EXT					
21453		XA105	51		XA130	33				168	9		AMSNR0	01				EXT				(TO BAY 2)	
23099		XA105	52		XA105	50				168	9		GND004	08				EXT					
21450		XA105	53		XA130	31				168	9		AMSNRA	01				EXT					
23098		XA105	54		XA105	52				168	9		GND004	07				EXT					
21463		XA105	55		XA111	30				168	9		AQ00BP	01				EXT					
23111		XA105	56		XA106	58				168	9		GND005	13				EXT					
21464		XA105	57		XA118	13				168	9		AQ00BQ	01				EXT					
23110		XA105	58		XA105	56				168	9		GND005	12				EXT					
21467		XA105	59		XA113	17				168	9		AQ16BP	01				EXT					
23109		XA105	60		XA105	58				168	9		GND005	11				EXT					
21468		XA105	61		XA113	13				168	9		AQ16BQ	01				EXT					
23108		XA105	62		XA105	60				168	9		GND005	10				EXT					
21471		XA105	63		XA117	45				168	9		AQ19BP	01				EXT					
23107		XA105	64		XA105	62				168	9		GND005	09				EXT					
21472		XA105	65		XA125	01				168	9		AQ19BQ	01				EXT					
23106		XA105	66		XA105	64				168	9		GND005	08				EXT					
21454		XA105	67		XA113	01				168	9		AQC63A	01				EXT					
23118		XA105	68		XA106	67				168	9		GND006	13				EXT					
21456		XA105	69		XA113	09				168	9		AQC64A	01				EXT					
23117		XA105	70		XA105	68				168	9		GND006	12				EXT					
21458		XA105	71		XA113	15				168	9		AQC66A	01				EXT					
23116		XA105	72		XA105	70				168	9		GND006	11				EXT					
21460		XA105	73		XA113	22				168	9		AQC67A	01				EXT					
23115		XA105	74		XA105	72				168	9		GND006	10				EXT					
CONNECTOR XA105 CONTINUED ON THE NEXT PAGE ****																							

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149012-880
CARD CAGE ASSY, CPU L.H.

CONNECTOR
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RELAY NUMBER	PREFIX	CONNECTOR	PIN	Q A	PREFIX	CONNECTOR	PIN	X E	MULTI GROUP	CODE	COLOR	IDENT	Q A	SIGNAL	Q NO	DESCRIPTION	NO
18106		XA106	39											SPP	01		
18107		XA106	40											SPP	01		
18108		XA106	41											SPP	01		
18109		XA106	42											SPP	01		
18110		XA106	43											SPP	01		
22585		XA106	44											GND	01		
23105		XA106	44							16B	9			GND004	14		
18111		XA106	45											SPP	01		
18112		XA106	46											SPP	01		
18113		XA106	47											SPP	01		
18114		XA106	48											SPP	01		
18115		XA106	49											SPP	01		
18116		XA106	50											SPP	01		
18117		XA106	51											SPP	01		
18118		XA106	52											SPP	01		
18119		XA106	53											SPP	01		
18120		XA106	54											SPP	01		
18121		XA106	55											SPP	01		
18122		XA106	56											SPP	01		
18123		XA106	57											SPP	01		
10835		XA106	58											GND	01		
23112		XA106	58							16B	9			GND005	14		
18124		XA106	59											SPP	01		
18125		XA106	60											SPP	01		
23446		XA106	61											SPP	01		801
18127		XA106	62											SPP	01		
18128		XA106	63											SPP	01		
18129		XA106	64											SPP	01		
18130		XA106	65											SPP	01		
18131		XA106	66											SPP	01		
10836		XA106	67											GND	01		
23119		XA106	67							16B	9			GND006	14		
18132		XA106	68											SPP	01		
18133		XA106	69											SPP	01		
18134		XA106	70											SPP	01		
18135		XA106	71											SPP	01		
18136		XA106	72											SPP	01		
18137		XA106	73											SPP	01		
18138		XA106	74											SPP	01		
18139		XA106	75											SPP	01		
18140		XA106	76											SPP	01		
18141		XA106	77											SPP	01		
18142		XA106	78											SPP	01		
18143		XA106	79											SPP	01		
18144		XA106	80											SPP	01		
18145		XA107	01			XA107	02			16B	9			GND03J	01		MTS
10837		XA107	02			XA107	03			16B	9			GND030	02		MTS
22851		XA107	02											GND			MTS
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RECORD NUMBER	FROM			TO			WIRE				SIGNAL	SIGNAL NO.	EQUATION	TERM FACTOR	CXT OR CHG TYPE	LOAD OR POWER PLANE	TEST POINTS AND/OR	SIGNAL DESCRIPTION	ECO NO.
	PREFIX	CONNECTOR	PIN	PREFIX	CONNECTOR	PIN	NO.	MULTI GROUP	CODE	COLOR									
18146		XA107	03		XA107	04			168	9		GND030	03						
18147		XA107	04						168	9		GND030	04						
18148		XA107	05		XA203	43			168	9		JMTSAB4	00C						
18149		XA107	06		XA401	23			168	9		JMTSCB	00C						
18150		XA107	07		XA104	15		Q3	1ED	2		+5VDCI	AB						
18151		XA107	08		XA107	12			168	9		+5VDCI	01					B03	
18152		XA107	09						168	9		WKLTS A	02					B03	
18153		XA107	10		XA302	77			168	9		WKLTSB	01						
18154		XA107	11						168	9		OSOGNO	02						
00281		XA107	12						168	9		+5V	01						
23450		XA107	12		XA107	37			168	9		+5VDCI	02						
18155		XA107	13		XA107	50			168	9		YMMIDR	02					B03	
18156		XA107	14		XA104	05			168	9		WDD0JA	01					C02	
18157		XA107	15						168	9		GND040	02					B03	
10858		XA107	16									GND	01	GROUND					
23324		XA107	16					24	1ED	0		+5VRBG	02					A01	
23325		XA107	16		XA104	54		25	1ED	0		+5VRBR	01					A01	
23336		XA107	16	1	XA107	15		1	168	9		GND040	01						
18158		XA107	17									SPP	01						
18159		XA107	18									SPP	01						
18160		XA107	19									SPP	01						
18161		XA107	20									SPP	01						
18162		XA107	21		XA107	22			168	9		+5VBAY	00C						
18164		XA107	22		XA107	23			168	9		+5VBAY	005						
18163		XA107	23		XA107	28			168	9		+5VBAY	01						
18165		XA107	24		XA108	28			168	9		+5V129	01						
18166		XA107	25									SPP	03					B03	
18167		XA107	26		XA104	53		25	1ED	9		+5VRB2	02					B03	
18168		XA107	27	1	XA121	03		1	168	9		+5RE1B	J01					A01	
23313		XA107	27					ZC	1ED	2		+5RES1	03						
23314		XA107	27		XA209	03		ZD	1ED	2		+5RE1B	035					A01	
00282		XA107	28		XA107	45			168	9		+5VBAY	02					A01	
22822		XA107	28									+5V							
18169		XA107	29									SPP	001						
18170		XA107	30		XA303	73		ZE	1ED	2		+05VCI	01						
18171		XA107	31									SPP	01					A01	
18172		XA107	32					ZC	1ED	0		+5RESR	02					B04	
22602		XA107	32									GND		GROUND				D01	
23307		XA107	32		XA303	74		ZE	1ED	0		+05VCG	01						
23315		XA107	32		XA209	02		ZD	1ED	0		+5RE1G	01					D01	
23454		XA107	33									SPP	01					A01	
18173		XA107	34									SPP	01					D01	
18174		XA107	35									SPP	01					B04	
18175		XA107	36		XA404	21		Q2	1ED	2		+5VDCF	05M						
18176		XA107	37		XA107	62			168	9		+5VDCI	03					B03	
18177		XA107	38									SPP	01					B03	
18178		XA107	39					ZA	1ED	2		+5RE1B	034					B04	
18179		XA107	40		XA303	67			168	9		LOGC1B	02					A01	
18180		XA107	41		XA303	69			168	9		LOGC2B	02					B06	
18182		XA107	42		XA303	71			168	9		LOG10B	01					B06	
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149012-880 CARD CAGE ASSY, CPU L.H.												149012 T39B2CP1		E 09-03-82		XA107 16						
RECORD NUMBER	FROM				TO				WIRE				SIGNAL	SEQ NO	EQUATION	TERM	FACT	CMT OR CHD TYPE	LOAD PLANE	TEST POINTS AND/OR	SIGNAL DESCRIPTION	ECO NO
	PREFIX	CONNECTOR	PIN	U.S. #	PREFIX	CONNECTOR	PIN	U.S. #	MULTI GROUP	CODE	COLOR	IDENT										
22583	XA107	43						15	1E0	2			+5RE1B	066			MTS				A01	
22603	XA107	44											GND		GROUND		MTS					
23318	XA107	44						ZA	1E0	0			+5RE1R	02			MTS				A01	
23320	XA107	44						15	1E0	0			+5RE1Z	02			MTS				A01	
18183	XA107	45			XA107	64			16B	9			+5VBAY	03			MTS					
18184	XA107	46											SPP	01			MTS					
18185	XA107	47											SPP	01			MTS					
18186	XA107	48			XA405	17		0A	1E8	9			WDDDIA	01			MTS					
18187	XA107	49			XA121	61			16B	9			WDDDI1	01			MTS					
18188	XA107	50			XA403	67		13	1E8	9			YMMIDB	03			MTS				C02	
18189	XA107	51											SPP	01			MTS					
23301	XA107	52			XA405	16		0A	1E8	0			WDDDIG	01			MTS					
23338	XA107	52	1		XA107	58	1		16B	9			GND042	01			MTS					
18191	XA107	53			XA107	48			16B	9			WDDDIA	00			MTS					
18192	XA107	54											SPP	01			MTS					
18193	XA107	55											SPP	01			MTS					
18194	XA107	56											SPP	01			MTS					
18195	XA107	57											SPP	01			MTS					
18190	XA107	58			XA403	68		13	1E8	0			YMMIDG	02			MTS					
22837	XA107	58											GND		GROUND		MTS					
23339	XA107	58							16B	9			GND042	02			MTS					
18196	XA107	59			XA315	31		ZH	1E8	9			WDDDIB	01			MTS				B03	
18197	XA107	60											SPP	01			MTS					
18198	XA107	61						Q4	1E0	2			+5VOC	02			MTS				B03	
18199	XA107	62							16B	9			+5VDCI	04			MTS				B03	
18200	XA107	63							16B	9			GND043	02			MTS					
18201	XA107	64			XA107	66			16B	9			+5VBAY	05			MTS				B03	
18202	XA107	65											SPP	01			MTS					
18203	XA107	66							16B	9			+5VBAY	06			MTS					
10842	XA107	67			XA107	63			16B	9			GND043	01			MTS					
22838	XA107	67											GND		GROUND		MTS					
23322	XA107	67			XA430	02		ZI	1E0	0			+5RE2R	01			MTS				A01	
18204	XA107	68			XA430	03		ZI	1E0	2			+5RE2B	015			MTS				A01	
18205	XA107	69											SPP	01			MTS					
18206	XA107	70											SPP	01			MTS					
18207	XA107	71											SPP	01			MTS					
18208	XA107	72											SPP	01			MTS					
18209	XA107	73											SPP	01			MTS					
18210	XA107	74											SPP	01			MTS					
18211	XA107	75											SPP	01			MTS					
18212	XA107	76											SPP	01			MTS					
18213	XA107	77											SPP	01			MTS					
18214	XA107	78											SPP	01			MTS					
18215	XA107	79											SPP	01			MTS					
18216	XA107	80											SPP	01			MTS					
18217	XA108	01											SPP	01								
10843	XA108	02											GND	01	GROUND							
23449	XA108	02			XA104	12		Q3	1E0	0			+5VDCG	01								
CONNECTOR XA108 CONTINUED ON THE NEXT PAGE ****																						

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UNIT ASSEMBLY NAME

149012-880
CARD CAGE ASSY, CPU L.H.

CONNECTOR
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RECORD NUMBER	FROM			TO			WIRE				SIGNAL	SEQ NO	EQUATION	TERM	CMT OR CHIP TYPE	GROUP	LOAD OR POWER PL INE	TEST POINTS AND OR	SIGNAL DESCRIPTION	ECO NO
	PREFIX	CONNECTOR	PIN	PREFIX	CONNECTOR	PIN	MULTI GROUP	CODE	COLOR	IDENT										
18218	XA108		03								SPP	01								
18219	XA108		04								SPP	01								
18220	XA108		05								SPP	01								
18221	XA108		06								SPP	01								
18222	XA108		07								SPP	01								
18223	XA108		08								SPP	01								
18224	XA108		09								SPP	01								
18225	XA108		10								SPP	01								
18226	XA108		11								SPP	01								
00283	XA108		12								+5V	01								
18227	XA108		13								SPP	01								
18228	XA108		14								SPP	01								
18229	XA108		15								SPP	01								
10844	XA108		16								GND	01	GROUND							
23458	XA108		16				AA	1ED	0		WDDDJG	02								C02
18230	XA108		17								SPP	01								
18231	XA108		18								SPP	01								
18232	XA108		19								SPP	01								
18233	XA108		20								SPP	01								
18234	XA108		21								SPP	01								
18235	XA108		22								SPP	01								
18236	XA108		23								SPP	01								
18237	XA108		24								SPP	01								
18238	XA108		25								SPP	01								
18239	XA108		26								SPP	01								
18240	XA108		27								SPP	01								
00284	XA108		28								SPP	01								
23453	XA108		28								+5V	01								
											+5V129	02								803
18241	XA108		29								SPP	01								
18242	XA108		30								SPP	01								
18243	XA108		31								SPP	01								
10845	XA108		32								GND	01	GROUND							
18244	XA108		33								SPP	01								
18245	XA108		34								SPP	01								
18246	XA108		35								SPP	01								
18247	XA108		36								SPP	01								
18248	XA108		37								SPP	01								
18249	XA108		38								SPP	01								
18250	XA108		39								SPP	01								
18251	XA108		40								SPP	01								
18252	XA108		41								SPP	01								
18253	XA108		42								SPP	01								
18254	XA108		43								SPP	01								
10846	XA108		44								GND	01	GROUND							
23452	XA108		44				XA404	30		Q2	1ED	0								
18255	XA108		45								+5VDCZ	01								803
18256	XA108		46								SPP	01								
18257	XA108		47								SPP	01								
18258	XA108		48								SPP	01								
18259	XA108		49								SPP	01								
	CONNECTOR	XA108	CONTINUED ON THE NEXT PAGE ****																	

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RECORD NUMBER	FROM			TO							WIRE	SIGNAL	SEQ NO	EQUATION	TERM	FACTOR	CKT OR CHIP TYPE	GROUP	LOAD OR POWER PLANE	TEST POINTS AND OR	SIGNAL DESCRIPTION	ECO NO
	PREFIX	CONNECTOR	PIK	PREFIX	CONNECTOR	PIK	WIRE	CODE	COLOR	IDENT												
18260	XA108	50									SPP	01										
18261	XA108	51									SPP	01										
18262	XA108	52									SPP	01										
18263	XA108	53									SPP	01										
18264	XA108	54									SPP	01										
18265	XA108	55									SPP	01										
18266	XA108	56									SPP	01										
18267	XA108	57									SPP	01										
10847	XA108	58									GND	01	GROUND									
23456	XA108	58		XA315	32		Q4	1E8	0		+5VDCR	02									803	
18268	XA108	59					ZH	1E8	0		WDDIIZ	01									803	
18269	XA108	60									SPP	01										
18270	XA108	61									SPP	01										
18271	XA108	62									SPP	01										
18272	XA108	63									SPP	01										
18273	XA108	64									SPP	01										
18274	XA108	65									SPP	01										
18275	XA108	66									SPP	01										
10848	XA108	67									GND	01	GROUND									
18276	XA108	68									SPP	01										
18277	XA108	69									SPP	01										
18278	XA108	70									SPP	01										
18279	XA108	71									SPP	01										
18280	XA108	72									SPP	01										
18281	XA108	73									SPP	01										
18282	XA108	74									SPP	01										
18283	XA108	75									SPP	01										
18284	XA108	76									SPP	01										
18285	XA108	77									SPP	01										
18286	XA108	78									SPP	01										
18287	XA108	79									SPP	01										
18288	XA108	80									SPP	01										
18289	XA109	01									SPP	01										
10849	XA109	02									GND	01	GROUND									
18290	XA109	03									SPP	01										
18291	XA109	04									SPP	01										
18292	XA109	05									SPP	01										
18293	XA109	06									SPP	01										
18294	XA109	07									SPP	01										
18295	XA109	08									SPP	01										
18296	XA109	09									SPP	01										
18297	XA109	10									SPP	01										
18298	XA109	11									SPP	01										
00285	XA109	12									+5V	01										
18299	XA109	13									SPP	01										
18300	XA109	14									SPP	01										
18301	XA109	15									SPP	01										
CONNECTOR		XA109	CONTINUED ON THE NEXT PAGE ****																			

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RECORD NUMBER	FROM			TO			WIRE				SIGNAL	SEQ NO	EQUATION	TERM	FACT	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										
18260		XA108	50								SPP	01								
18261		XA108	51								SPP	01								
18262		XA108	52								SPP	01								
18263		XA108	53								SPP	01								
18264		XA108	54								SPP	01								
18265		XA108	55								SPP	01								
18266		XA108	56								SPP	01								
18267		XA108	57								SPP	01								
10847		XA108	58								GND	01	GROUND							
23451		XA108	58								+5VDCR	02								B03
23456		XA108	58		XA315	32		Q4	1ED	0	WDDTIZ	01								B03
18268		XA108	59					ZH	1EB	0	SPP	01								
18269		XA108	60								SPP	01								
18270		XA108	61								SPP	01								
18271		XA108	62								SPP	01								
18272		XA108	63								SPP	01								
18273		XA108	64								SPP	01								
18274		XA108	65								SPP	01								
18275		XA108	66								SPP	01								
10848		XA108	67								GND	01	GROUND							
18276		XA108	68								SPP	01								
18277		XA108	69								SPP	01								
18278		XA108	70								SPP	01								
18279		XA108	71								SPP	01								
18280		XA108	72								SPP	01								
18281		XA108	73								SPP	01								
18282		XA108	74								SPP	01								
18283		XA108	75								SPP	01								
18284		XA108	76								SPP	01								
18285		XA108	77								SPP	01								
18286		XA108	78								SPP	01								
18287		XA108	79								SPP	01								
18288		XA108	80								SPP	01								
18289		XA109	01								SPP	01								
10849		XA109	02								GND	01	GROUND							
18290		XA109	03								SPP	01								
18291		XA109	04								SPP	01								
18292		XA109	05								SPP	01								
18293		XA109	06								SPP	01								
18294		XA109	07								SPP	01								
18295		XA109	08								SPP	01								
18296		XA109	09								SPP	01								
18297		XA109	10								SPP	01								
18298		XA109	11								SPP	01								
00285		XA109	12								+5V	01								
18299		XA109	13								SPP	01								
18300		XA109	14								SPP	01								
18301		XA109	15								SPP	01								
	CONNECTOR	XA109	CONTINUED ON THE NEXT PAGE ****																	

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RECORD NUMBER	FROM			DRY	TO			WIRE				SIGNAL	SEQ NO	EQUATION	TERM	FACT	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												
18300		XA109	16									GND	01	GROUND									
18302		XA109	17									SPP	01										
18303		XA109	18									SPP	01										
18304		XA109	19									SPP	01										
18305		XA109	20									SPP	01										
18306		XA109	21									SPP	01										
18307		XA109	22									SPP	01										
18308		XA109	23									SPP	01										
18309		XA109	24									SPP	01										
18310		XA109	25									SPP	01										
18311		XA109	26									SPP	01										
18312		XA109	27									SPP	01										
00286		XA109	28									+5V	01										
18313		XA109	29									SPP	01										
18314		XA109	30									SPP	01										
18315		XA109	31									SPP	01										
10851		XA109	32									GND	01	GROUND									
18316		XA109	33									SPP	01										
18317		XA109	34									SPP	01										
18318		XA109	35									SPP	01										
18319		XA109	36									SPP	01										
18320		XA109	37									SPP	01										
18321		XA109	38									SPP	01										
18322		XA109	39									SPP	01										
18323		XA109	40									SPP	01										
18324		XA109	41									SPP	01										
18325		XA109	42									SPP	01										
18326		XA109	43									SPP	01										
10852		XA109	44									GND	01	GROUND									
18327		XA109	45									SPP	01										
18328		XA109	46									SPP	01										
18329		XA109	47									SPP	01										
18330		XA109	48									SPP	01										
18331		XA109	49									SPP	01										
18332		XA109	50									SPP	01										
18333		XA109	51									SPP	01										
18334		XA109	52									SPP	01										
18335		XA109	53									SPP	01										
18336		XA109	54									SPP	01										
18337		XA109	55									SPP	01										
18338		XA109	56									SPP	01										
18339		XA109	57									SPP	01										
10853		XA109	58									GND	01	GROUND									
18340		XA109	59									SPP	01										
18341		XA109	60									SPP	01										
18342		XA109	61									SPP	01										
18343		XA109	62									SPP	01										
18344		XA109	63									SPP	01										
18345		XA109	64									SPP	01										
18346		XA109	65									SPP	01										
CONNECTOR	XA109	CONTINUED ON THE NEXT PAGE ****																					

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RECORD NUMBER	FROM			TO			WIRE				SIGNAL	SEQ NO	EQUATION	TERM FACTOR	CKT OR CHIP TYPE	GROUP	LOAD SP POWER PLANE	TEST POINTS ANCL OR	SIGNAL DESCRIPTION	PCG NO
	PREFIX	CONNECTOR	PIN	PREFIX	CONNECTOR	PIN	MULTI GROUP	CODE	COLOR	IDENT										
18347		XA109	66								SPP	01								
10854		XA109	67								GND	01	GROUND							
18348		XA109	68								SPP	01								
18349		XA109	69								SPP	01								
18350		XA109	70								SPP	01								
18351		XA109	71								SPP	01								
18352		XA109	72								SPP	01								
18353		XA109	73								SPP	01								
18354		XA109	74								SPP	01								
18355		XA109	75								SPP	01								
18356		XA109	76								SPP	01								
18357		XA109	77								SPP	01								
18358		XA109	78								SPP	01								
18359		XA109	79								SPP	01								
18360		XA109	80								SPP	01								
18361		XA110	01								SPP	01								
10855		XA110	02								GND	01	GROUND							
18362		XA110	03								SPP	01								
18363		XA110	04								SPP	01								
18364		XA110	05								SPP	01								
18365		XA110	06								SPP	01								
18366		XA110	07								SPP	01								
18367		XA110	08								SPP	01								
18368		XA110	09								SPP	01								
18369		XA110	10								SPP	01								
18370		XA110	11								SPP	01								
00287		XA110	12								+5V	01								
18371		XA110	13								SPP	01								
18372		XA110	14								SPP	01								
18373		XA110	15								SPP	01								
10856		XA110	16								GND	01	GROUND							
18374		XA110	17								SPP	01								
18375		XA110	18								SPP	01								
18376		XA110	19								SPP	01								
18377		XA110	20								SPP	01								
18378		XA110	21								SPP	01								
18379		XA110	22								SPP	01								
18380		XA110	23								SPP	01								
18381		XA110	24								SPP	01								
18382		XA110	25								SPP	01								
18383		XA110	26								SPP	01								
18384		XA110	27								SPP	01								
00288		XA110	28								+5V	01								
18385		XA110	29								SPP	01								
18386		XA110	30								SPP	01								
18387		XA110	31								SPP	01								
10857		XA110	32								GND	01	GROUND							
18388		XA110	33								SPP	01								
	CONNECTOR	XA110	CONTINUED ON THE NEXT PAGE ****																	

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RECORD NUMBER	FROM			TO			WIRE				SIGNAL	SEQ NO	EQUATION	TERM FACTOR	CKT OR CHIP TYPE	GROUP	LOAD OR POWER PLANE	TEST POINTS (AND OF)	SIGNAL DESCRIPTION	ECO NO
	PREFIX	CONNECTOR	PIN	PREFIX	CONNECTOR	PIN	MULTI GROUP	CODE	COLOR	IDENT										
03068		XA111	01					168	9			AKYC2A	03	AKYC90	01	3	T04	A2	02B	
10861		XA111	02									GND	01	GROUND			T04		01A	
08806		XA111	03									DNW	01				T04			
03065		XA111	04					168	9			AKYC1A	03	AKYC90	01	1	T04	A2	04A	
03071		XA111	05					168	9			AKYC3A	03	AKYC90	01	2	T04	A2	03B	
03151		XA111	06					168	9			AKYN2A	02	AKYN90	01	3	T04	A1	05A	
03073		XA111	07					168	9			AKYC4A	02	AKYC90	01	4	T04	A2	03A	
03155		XA111	08					168	9			AKYN4A	02	AKYN90	01	2	T04	A1	06A	
03081		XA111	09					168	9			AKYC90	08	AKYC90	00	1	T04	A2	04B	AKYC DATA INPUT G
03153		XA111	10					168	9			AKYN3A	02	AKYN90	01	1	T04	A1	07A	
03163		XA111	11					168	9			AKYN90	08	AKYN90	00	1	T04	A1	05B	AKYN DATA INPUT G
00289		XA111	12									+5V	01				T04			
03149		XA111	13					168	9			AKYN1A	02	AKYN90	01	4	T04	A1	06B	
06661		XA111	14					168	9			AKY31A	01	AKY31A	01	3	T04	B2	09A	
08807		XA111	15									DNW	01				T04			
22611		XA111	16									GND		GROUND			T04		20B	
08808		XA111	17									DNW	01				T04			
03184		XA111	18					168	9			AKY22A	03	AKY31A	01	2	T04	B2	10A	
03737		XA111	19					168	9			AM65CA	06	AKY31A	01	4	T04	B2	09B	
03181		XA111	20					168	9			AKY21A	03	AKY31A	01	1	T04	B2	11A	
03192		XA111	21			XA131	66	168	9			AKY31A	02	AKY31A	00	1	T04	B2	10B	CODE 6 SUB (MPY/D
06628		XA111	22					168	9			CQ45C0	02	AKY0CA	01	3	T04	B1	12A	
03165		XA111	23					168	9			AKY0CA	02	AKY0CA	00	1	T04	B1	11B	CODE 6 ADD (CGF/C
03736		XA111	24			XA111	19	168	9			AM65CA	05	AKY0CA	01	2	T04	B1	13A	
06025		XA111	25					168	9			CMB3BQ	06	AKY0CA	01	4	T04	B1	12B	
06042		XA111	26			XA115	06	168	9			CMB4B0	07	AKY0CA	01	1	T04	B1	14A	
08809		XA111	27									DNW	01				T04			
00290		XA111	28									+5V	01				T04			
08810		XA111	29									DNW	01				T04			
03931		XA111	30			XA114	20	168	9			AQ00BP	02	AKDM2A	01	3	T04	C2	15A	
06051		XA111	31					168	9			CMB5BQ	04	AKDM2A	01	4	T04	C2	15B	
22612		XA111	32									GND		GROUND			T04		21B	
02952		XA111	33					168	9			AKDM2A	02	AKDM2A	00	1	T04	C2	16B	RECIRC. AKDM (DIV
02987		XA111	34					168	9			AKK1CA	04	AKDM2A	01	2	T04	C2	16A	
02950		XA111	35					168	9			AKDM1A	02	AKDM1A	00	1	T04	C1	17B	SET AKDM (DIV E4
02946		XA111	36					168	9			AKDM3Q	04	AKDM2A	01	1	T04	C2	17A	
17302		XA111	37					168	9			SPA110	10	AKDM1A	01	4	T04	C1	18B	
02956		XA111	38					168	9			AKDM40	02	AKDM1A	01	3	T04	C1	18A	
08811		XA111	39									DNW	01				T04			
02994		XA111	40					168	9			AKK5C0	04	AKDM1A	01	2	T04	C1	19A	
08812		XA111	41									DNW	01				T04			
06057		XA111	42					168	9			CMB5BQ	06	AKDM1A	01	1	T04	C1	20A	
06056		XA111	43			XA111	42	168	9			CMB5BQ	05	AKDV2A	01	4	T04	D2	23B	
10864		XA111	44									GND	01	GROUND			T04		27A	
02979		XA111	45					168	9			AKDV2A	02	AKDV2A	00	1	T04	D2	24B	SET AKDV IF ABSE
00743		XA111	46					168	9			ABSECA	04	AKDV2A	01	3	T04	D2	21A	
02977		XA111	47					168	9			AKDV1A	02	AKDV1A	00	1	T04	D1	25B	SET AKDV IF ABSE
02112		XA111	48			XA115	40	168	9			AD001A	04	AKDV2A	01	2	T04	D2	22A	
03225		XA111	49			XA115	25	168	9			AL00C0	06	AKDV1A	01	4	T04	D1	26B	
02993		XA111	50			XA111	40	168	9			AKK5C0	03	AKDV2A	01	1	T04	D2	23A	
CONNECTOR	XA111	CONTINUED ON		THE NEXT PAGE		***														

DRAWING NUMBER
UNIT ASSEMBLY NAME

149012-880
CARD CAGE ASSY, CPU L.H.

CONNECTOR
UNIT ASSEMBLY NO. 149012
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RECORD NUMBER	FROM			TO			MULTI GROUP	WIRE			SIGNAL	SFO 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											
08813		XA111	51								DNW	01									
06055		XA111	52		XA111	43		16B	9		CMB5BQ	04	AKDV1A	01	3	T04	D1	24A			
08814		XA111	53								DNW	01									
00746		XA111	54		XA222	05		16B	9		ABSEDB	03	AKDV1A	01	2	T04	D1	25A	ADDER AB INPUT -		
17634		XA111	55		XA111	61		16B	9		SPI006	01						29B			
02992		XA111	56		XA111	50		16B	9		AKK5C0	02	AKDV1A	01	1	T04	D1	26A			
20630		XA111	57								SPO	01						30B			
22613		XA111	58								GND		GROUND	00	1	T04	E2	40A			
20628		XA111	59								SPO	01						31B			
17687		XA111	60		XA121	25		16B	9		SPI011	01						28A			
17635		XA111	61		XA111	77		16B	9		SPI006	02						32B			
17665		XA111	62		XA111	68		16B	9		SPI009	01						29A			
08815		XA111	63								DNW	01									
17677		XA111	64		XA111	70		16B	9		SPI010	01						30A			
08816		XA111	65								DNW	01									
17654		XA111	66		XA111	75		16B	9		SPI008	01						31A			
22614		XA111	67								GND		GROUND	01	3	T04	E1	40B			
17666		XA111	68		XA111	78		16B	9		SPI009	02						32A			
04235		XA111	69		XA131	48		16B	9		AQ166A	01	AQ166A	00	1	T04	F2	39A	SHIFT HALF ALGEB		
17678		XA111	70		XA111	79		16B	9		SPI010	02						33A			
06682		XA111	71		XA132	37		16B	9		CQB5C0	02	AQ166A	01	2	T04	F2	36A			
06591		XA111	72					16B	9		CQA2C0	07	AQ166A	01	3	T04	F2	34A			
05427		XA111	73					16B	9		AY23BP	05	AQ166A	01	1	T04	F2	36B			
05470		XA111	74					16B	9		AY25BP	06	AQ166A	01	4	T04	F2	35B			
17655		XA111	75		XA113	42		16B	9		SPI008	02						37B			
20632		XA111	76								SPO	01						37A			
17636		XA111	77		XA113	40		16B	9		SPI006	03						38B			
17667		XA111	78		XA121	26		16B	9		SPI009	03						38A			
17679		XA111	79		XA115	78		16B	9		SPI010	03						39B			
08817		XA111	80								DNW	01									
02929		XA112	01					16B	9		AKCPDA	08	AKYCBN	01	1	T00	BN	02B			
03006		XA112	02								GND		GROUND	01	1	T00		01B			
16127		XA112	03		XA112	15		16B	9		SPA001	01	AKYCBQ	01	1	T00	BQ	02A			
16138		XA112	04		XA112	06		16B	9		SPA002	01	AKYCBP	01	1	T00	BP	04A			
03080		XA112	05		XA111	09		16B	9		AKYC90	07	AKYCB1	01	1	T00	B1	03B			
16139		XA112	06		XA112	20		16B	9		SPA002	02	AKYNBP	01	1	T00	AP	05A			
03004		XA112	07					16B	9		AKYCBQ	02	AKYCBQ	00	1	T00	BQ	03A	AKYC - PRESET		
03162		XA112	08		XA111	11		16B	9		AKYN90	07	AKYNB1	01	1	T00	A1	06A			
03002		XA112	09					16B	9		AKYCBP	06	AKYCBP	00	1	T00	BP	04B	AKYC - CLEAR		
02921		XA112	10					16B	9		AKCPCA	08	AKYNBN	01	1	T00	AN	07A			
03089		XA112	11					16B	9		AKYNBP	06	AKYNBP	00	1	T00	AP	05B	AKYN - CLEAR		
00291		XA112	12								+5V	01									
03091		XA112	13					16B	9		AKYNBQ	02	AKYNBQ	00	1	T00	AQ	06B	AKYN - PRESET		
02928		XA112	14		XA112	01		16B	9		AKCPDA	07	AKYCCN	01	1	T00	DN	09A			
16128		XA112	15		XA112	17		16B	9		SPA001	02	AKYNBQ	01	1	T00	AQ	07B			
03017		XA112	16								GND		GROUND	01	1	T00		20B			
16129		XA112	17		XA112	27		16B	9		SPA001	03	AKYCCQ	01	1	T00	DQ	08B			
03079		XA112	18		XA112	05		16B	9		AKYC90	06	AKYCCI	01	1	T00	DI	10A			
CONNECTOR		XA112	CONTINUED ON THE NEXT PAGE ****																		

DRAWING NUMBER
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CONNECTOR
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RECORD NUMBER	FROM				TO				WIRE				SIGNAL	SLOT NO	EQUATION	FREQ	FAC	CKT OR CHIP TYPE	GROUP	LOAD CP POWER PLANE	TEST POINTS AND/OR ANCHORS	SIGNAL DESCRIPTION	ECO NO
	PREFIX	CONNECTOR	PIN	SP FL	PREFIX	CONNECTOR	PIN	SP FL	MULTI GROUP	CODE	COLOR	IDENT											
03015		XA112	19							16B	9		AKYCCQ	02	AKYCCQ	00	1	TDD	DQ	09B	AKYC UNLOAD - PRE		
16140		XA112	20		XA112	22				16B	9		SPA002	03	AKYCCP	01	1	TDD	DP	11A			
03013		XA112	21							16B	9		AKYCCP	05	AKYCCP	00	1	TDD	DP	10B	AKYC UNLOAD - CLE		
16141		XA112	22		XA112	36				16B	9		SPA002	04	AKYNCP	01	1	TDD	CP	12A			
03100		XA112	23							16B	9		AKYNCP	05	AKYNCP	00	1	TDD	CP	11B	AKYN UNLOAD - CLE		
03161		XA112	24		XA112	08				16B	9		AKYN90	06	AKYNCP	01	1	TDD	CI	13A			
03102		XA112	25							16B	9		AKYN90	06	AKYNCP	01	1	TDD	CI	12B	AKYN UNLOAD - PRE		
02920		XA112	26		XA112	10				16B	9		AKYN90	06	AKYNCP	01	1	TDD	CN	14A			
16130		XA112	27		XA112	29				16B	9		AKYN90	06	AKYNCP	01	1	TDD	CQ	13B			
00292		XA112	28										+5V	01				TDD					
16131		XA112	29		XA112	39				16B	9		SPA001	05	AKYCDQ	01	1	TDD	FQ	14B			
02927		XA112	30		XA112	14				16B	9		AKCPDA	06	AKYCDN	01	1	TDD	FN	15A			
03027		XA112	31							16B	9		AKYCDQ	02	AKYCDQ	00	1	TDD	FQ	19B	AKYC UNLOAD - PRE		
03019		XA112	32									GND		GROUND				TDD		21B			
03025		XA112	33							16B	9		AKYCDP	06	AKYCDP	00	1	TDD	FP	16B	AKYC UNLOAD - CLE		
03078		XA112	34		XA112	18				16B	9		AKYCDI	05	AKYCDI	01	1	TDD	FI	16A			
03112		XA112	35							16B	9		AKYNDP	06	AKYNDP	00	1	TDD	EP	17B	AKYN UNLOAD - CLE		
16142		XA112	36		XA112	38				16B	9		SPA002	05	AKYCDP	01	1	TDD	FP	17A			
03114		XA112	37							16B	9		AKYNDQ	02	AKYNDQ	00	1	TDD	EQ	18B	AKYN UNLOAD - CLE		
16143		XA112	38		XA112	50				16B	9		SPA002	06	AKYNDP	01	1	TDD	EP	18A			
16132		XA112	39		XA112	41				16B	9		SPA001	06	AKYNDQ	01	1	TDD	EQ	19B			
03160		XA112	40		XA112	24				16B	9		AKYN90	05	AKYNDI	01	1	TDD	EI	19A			
16133		XA112	41		XA112	51				16B	9		SPA001	07	AKYCEQ	01	1	TDD	HQ	22B			
02919		XA112	42		XA112	26				16B	9		AKCPDA	06	AKYNDN	01	1	TDD	EN	20A			
03037		XA112	43							16B	9		AKYCEQ	02	AKYCEQ	00	1	TDD	HQ	23B	AKYC UNLOAD - PRE		
03116		XA112	44									GND		GROUND				TDD		27A			
03035		XA112	45							16B	9		AKYCEP	06	AKYCEP	00	1	TDD	HP	24B	AKYC UNLOAD - CLE		
02926		XA112	46		XA112	30				16B	9		AKCPDA	05	AKYCEP	01	1	TDD	HN	21A			
03122		XA112	47							16B	9		AKYNCP	06	AKYNCP	00	1	TDD	GP	25B	AKYN UNLOAD - CLE		
03077		XA112	48		XA112	34				16B	9		AKYCEI	04	AKYCEI	01	1	TDD	HI	22A			
03124		XA112	49							16B	9		AKYNEQ	02	AKYNEQ	00	1	TDD	GQ	26B	AKYN UNLOAD - PRE		
16144		XA112	50		XA112	52				16B	9		SPA002	07	AKYCEP	01	1	TDD	HP	23A			
16134		XA112	51		XA112	53				16B	9		SPA001	08	AKYNEQ	01	1	TDD	GQ	27B			
16145		XA112	52		XA112	64				16B	9		SPA002	08	AKYNCP	01	1	TDD	GP	24A			
16135		XA112	53		XA112	63				16B	9		SPA001	09	AKYCFQ	01	1	TDD	KQ	28B			
03159		XA112	54		XA112	40				16B	9		AKYN90	04	AKYNEI	01	1	TDD	GI	25A			
03045		XA112	55							16B	9		AKYCFQ	02	AKYCFQ	00	1	TDD	KQ	29B	AKYC UNLOAD - PRE		
02918		XA112	56		XA112	42				16B	9		AKCPDA	05	AKYNDN	01	1	TDD	GN	26A			
03043		XA112	57							16B	9		AKYCFP	06	AKYCFP	00	1	TDD	KP	30B	AKYC UNLOAD - CLE		
10869		XA112	58									GND		GROUND				TDD		40A			
03130		XA112	59							16B	9		AKYNFP	06	AKYNFP	00	1	TDD	JP	31B	AKYN UNLOAD - CLE		
02925		XA112	60		XA112	46				16B	9		AKCPDA	04	AKYCFN	01	1	TDD	KN	28A			
03132		XA112	61							16B	9		AKYNFP	07	AKYNFP	00	1	TDD	JQ	32B	AKYN UNLOAD - PRE		
03076		XA112	62		XA112	48				16B	9		AKYCFI	03	AKYCFI	01	1	TDD	KI	29A			
16136		XA112	63		XA121	30				16B	9		SPA001	10	AKYNFP	01	1	TDD	JQ	33B			
16146		XA112	64		XA112	66				16B	9		SPA002	09	AKYCFP	01	1	TDD	KP	30A			
16149		XA112	65		XA112	80				16B	9		SPA003	01	AKYCGQ	01	1	TDD	MQ	34B			
16147		XA112	66		XA121	38				16B	9		SPA002	10	AKYNFP	01	1	TDD	JP	31A			
10870		XA112	67									GND		GROUND				TDD		40B			
03158		XA112	68		XA112	54				16B	9		AKYN90	03	AKYNFI	01	1	TDD	JI	32A			
CONNECTOR		XA112	CONTINUED ON THE NEXT PAGE				****																

DRAWING NUMBER 149012-880 CONNECTOR
 UNIT ASSEMBLY NAME CARD CAGE ASSY,CPU L.H.

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RECORD NUMBER	FROM				TO				WIRE				SIGNAL	SEQ NO	EQUATION	TERM	FACTOR	CKT OR CHIP TYPE	GPOF	LOAD OR POWER PL. LINE	TEST POINTS AND OR	SIGNAL DESCRIPTION	ECO NO
	PREFIX	CONNECTOR	PIN	SH TC	PREFIX	CONNECTOR	PIN	SH TC	MULTI GROUP	CODE	COLOR	IDENT											
03051		XA112	69							16B	9		AKYCGP	06	AKYCGP	00	1	TDD	MP		35A	AKYC UNLOAD - CLE	
02917		XA112	70		XA112	56				16B	9		AKCPCA	04	AKYNFN	01	1	TDD	JN		33A		
03075		XA112	71		XA112	62				16B	9		AKYC90	02	AKYCGI	01	1	TDD	MI		36A		
02924		XA112	72		XA112	60				16B	9		AKCPDA	03	AKYCGN	01	1	TDD	MN		34A		
16160		XA112	73		XA112	75				16B	9		SPA004	01	AKYCGP	01	1	TDD	MP		36B		
03053		XA112	74							16B	9		AKYCGQ	02	AKYCGQ	00	1	TDD	MQ		35B	AKYC UNLOAD - PRE	
16161		XA112	75		XA113	76				16B	9		SPA004	02	AKYNGP	01	1	TDD	LP		37B		
03138		XA112	76							16B	9		AKYNGP	06	AKYNGP	00	1	TDD	LP		37A	AKYN UNLOAD - CLE	
03157		XA112	77		XA112	68				16B	9		AKYN90	02	AKYNGI	01	1	TDD	LI		38B		
03140		XA112	78							16B	9		AKYNGQ	02	AKYNGQ	00	1	TDD	LQ		38A	AKYN UNLOAD - PRE	
02916		XA112	79		XA112	70				16B	9		AKCPCA	03	AKYNGN	01	1	TDD	LN		39B		
16150		XA112	80		XA113	41				16B	9		SPA003	02	AKYNGQ	01	1	TDD	LQ		39A		
03852		XA113	01		XA131	01				16B	9		AQC63A	02	AQC63A	00	1	TQ2	A2		02B	AC NOT NORMALIZED	
22615		XA113	02										GND		GROUND			TQ2			01A		
01313		XA113	03							16B	9		AC01BP	04	AQC64A	01	1	TQ2	A3		02A		
01297		XA113	04							16B	9		AC00C0	05	AQC63A	01	1	TQ2	A2		04A		
01319		XA113	05							16B	9		AC01BQ	06	AQC63A	01	2	TQ2	A2		03B		
03848		XA113	06							16B	9		AQC610	03	AQC610	00	1	TQ2	A1		05A	AQ CLOCK CODE 6 D	
01290		XA113	07							16B	9		AC00CA	02	AQC64A	01	2	TQ2	A3		03A		
03850		XA113	08							16B	9		AQC62A	02	AQC610	01	2	TQ2	A1		06A		
03857		XA113	09		XA131	07				16B	9		AQC64A	02	AQC64A	00	1	TQ2	A3		04B	AC NOT NORMALIZED	
03862		XA113	10							16B	9		AQC65A	02	AQC610	01	1	TQ2	A1		07A		
04250		XA113	11							16B	9		AQ17BQ	05	AQC66A	01	1	TQ2	A4		05B		
00293		XA113	12										+5V	01				TQ2					
04213		XA113	13		XA117	37				16B	9		AQ168Q	02	AQC66A	01	2	TQ2	A4		06B		
03919		XA113	14							16B	9		AQLS2A	02	AQLS2A	00	1	TQ2	B2		09A	AC 31 TO AQ 31	
03864		XA113	15		XA131	22				16B	9		AQC66A	02	AQC66A	00	1	TQ2	A4		07B	AQL NOT NORMALIZE	
22616		XA113	16										GND		GROUND			TQ2			01B		
04208		XA113	17		XA113	24				16B	9		AQ168P	02	AQLS4A	01	1	TQ2	B3		08B		
01956		XA113	18							16B	9		AC31BP	03	AQLS2A	01	2	TQ2	B2		10A		
06568		XA113	19		XA131	26				16B	9		CQA0C0	02	AQLS4A	01	2	TQ2	B3		09B		
03287		XA113	20		XA130	57				16B	9		AMRFT0	02	AQLS2A	01	1	TQ2	B2		11A		
03923		XA113	21							16B	9		AQLS4A	02	AQLS4A	00	1	TQ2	B3		10B	AQ 16 TO AQ 31	
03869		XA113	22		XA131	24				16B	9		AQC67A	02	AQC67A	00	1	TQ2	B1		12A	AQL NOT NORMALIZE	
05479		XA113	23							16B	9		AY25C0	04	AQLS5A	01	1	TQ2	B4		11B		
04209		XA113	24		XA117	35				16B	9		AQ168P	03	AQC67A	01	2	TQ2	B1		13A		
06672		XA113	25							16B	9		CQB4C0	02	AQLS5A	01	2	TQ2	B4		12B		
04245		XA113	26							16B	9		AQ17BP	02	AQC67A	01	1	TQ2	B1		14A		
03925		XA113	27							16B	9		AQLS5A	02	AQLS5A	00	1	TQ2	B4		13B	SHIFT AQ FULL CIR	
00294		XA113	28										+5V	01				TQ2					
02975		XA113	29							16B	9		AKDVBP	03	AQ316A	01	1	TQ2	C3		14B		
04491		XA113	30							16B	9		AQ315A	02	AQ315A	00	1	TQ2	C2		15A	DIVIDE QUOTIENT B	
03237		XA113	31		XA116	76				16B	9		AL32BP	02	AQ316A	01	2	TQ2	C3		15B		
22617		XA113	32										GND		GROUND			TQ2			20B		
04493		XA113	33							16B	9		AQ316A	02	AQ316A	00	1	TQ2	C3		16B	DIVIDE QUOTIENT B	
02972		XA113	34							16B	9		AKDVBP	03	AQ315A	01	2	TQ2	C2		16A		
02911		XA113	35							16B	9		AKCB2A	02	AKCB90	01	1	TQ2	C4		17B		
03241		XA113	36		XA116	78				16B	9		AL32BQ	02	AQ315A	01	1	TQ2	C2		17A		
CONNECTOR (XA113) CONTINUED ON THE NEXT PAGE ****																							

DRAWING NUMBER 149012-880 CONNECTOR UNIT ASSEMBLY NO. 149012 REV E INDEX XA113
 UNIT ASSEMBLY NAME CARD CAGE ASSY,CPU L.H. FILE IDENT T39B2CP1 DATE 09-03-82 PAGE 26

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 FC	PREFIX	CONNECTOR	PIN	SN FC	MULTI GROUP	CODE	COLOR											
02909		XA113	37						16B	9		AKCB1A SPO	02 01	AKCB90	01 2	TQ2 C4			18B			
20582		XA113	38						16B	9		AKCB90 SPI006	02 04	AKCB90	00 1	TQ2 C1			18A	SHIFT AQ HALF ALG		
02913		XA113	39						16B	9		AKCB90 SPI006	02 04	AKCB90	00 1	TQ2 C4			19B	AKCB DATA GATE		
17637		XA113	40		XA122	46			16B	9		SPA003 SPI008	03 03	AM30E0	01 1	TQ2 D3			19A			
16151		XA113	41		XA113	47			16B	9		SPA003 SPI008	03 03	AM30E0	01 1	TQ2 C1			22B			
17656		XA113	42		XA115	76			16B	9		CMB0CP GND	05 05	AM30E0 GROUND	01 2	TQ2 D3			20A			
05974		XA113	43		XA122	10			16B	9		AM30E0 AM30D0	10 09	AM30E0 AM30D0	00 1	TQ2 D3			23B			
22618		XA113	44						16B	9		AM30D0 AM30D0	09 09	AM30D0 AM30D0	00 1	TQ2 D2			21B	ARITH. CNTL 10 UN		
03569		XA113	45						16B	9		SPA003 CMB0CP	04 04	AM30F0 AM30D0	01 1	TQ2 D4			24B	ARITH. CNTL 10 UN		
03559		XA113	46						16B	9		CMB0CP SPA003	04 05	AM30D0 AM30F0	01 2	TQ2 D2			21A			
16152		XA113	47		XA113	50			16B	9		AM30F0 AM30C0	10 09	AM30F0 AM30C0	00 1	TQ2 D4			25B			
05973		XA113	48		XA113	43			16B	9		CMB0CP SPA003	04 05	AM30D0 AM30F0	01 2	TQ2 D2			22A			
05972		XA113	49		XA113	48			16B	9		CMB0CP SPA003	03 05	AM30F0 AM30D0	01 2	TQ2 D4			26B			
16153		XA113	50		XA113	53			16B	9		AM30F0 AM30C0	10 09	AM30F0 AM30C0	00 1	TQ2 D2			23A			
03579		XA113	51						16B	9		AM30F0 AM30C0	10 09	AM30F0 AM30C0	00 1	TQ2 D4			27B	ARITH. CNTL 10 UN		
03550		XA113	52						16B	9		AM30C0 SPA003	09 06	AM30C0 AM62EA	00 1	TQ2 D1			24A	ARITH. CNTL 10 UN		
16154		XA113	53		XA113	54			16B	9		SPA003 SPA003	06 07	AM62EA AM30C0	01 1	TQ2 E3			28B			
16155		XA113	54		XA113	59			16B	9		SPA003	07 02	AM30C0 GROUND	01 2	TQ2 D1			25A			
06007		XA113	55		XA115	52			16B	9		CMB2BQ CMB0CP	05 02	AM62EA AM30C0	01 1	TQ2 E3			29B			
05971		XA113	56		XA113	49			16B	9		AM62EA GND	09 02	AM62EA GROUND	00 1	TQ2 D1			26A	ARITH. CNTL 12 UN		
03721		XA113	57						16B	9		AM62EA	09 02	AM62EA GROUND	00 1	TQ2 E3			30B	ARITH. CNTL 12 UN		
01292		XA113	58						16B	9		SPA003 AM62DA	08 09	AM62FA AM62DA	01 1	TQ2 E2			27A			
16156		XA113	59		XA113	64			16B	9		AM62DA	09 03	AM62FA AM62FA	00 1	TQ2 E2			31B	ARITH. CNTL 12 UN		
03712		XA113	60						16B	9		CMB2BQ CMB2BQ	03 04	AM62FA AM62DA	01 2	TQ2 E4			28A			
06005		XA113	61		XA113	62			16B	9		AM62FA AM62DA	10 09	AM62FA AM62DA	00 1	TQ2 E4			32B			
06006		XA113	62		XA113	55			16B	9		AM62FA AM62DA	10 09	AM62FA AM62DA	00 1	TQ2 E2			29A			
03731		XA113	63						16B	9		AM62FA SPA003	10 09	AM62FA AM62DA	00 1	TQ2 E4			33B	ARITH. CNTL 12 UN		
16157		XA113	64		XA113	68			16B	9		SPA003 CMB3BQ	09 05	AM62DA AKYC4A	01 1	TQ2 E2			30A			
06024		XA113	65		XA111	25			16B	9		CMB3BQ AM62CA	05 09	AKYC4A AM62CA	01 1	TQ2 F3			34B			
03703		XA113	66						16B	9		AM62CA GND	09 01	AM62CA GROUND	01 1	TQ2 E1			31A	ARITH. CNTL 12 UN		
10875		XA113	67						16B	9		SPA003	10 01	AM62CA AM62CA	01 2	TQ2 E1			40A			
16158		XA113	68		XA121	36			16B	9		AKYC4A CMB2BQ	01 02	AKYC4A AM62CA	00 1	TQ2 F3			32A			
03072		XA113	69		XA111	07			16B	9		AKYC4A CMB2BQ	01 02	AKYC4A AM62CA	00 1	TQ2 F3			35A	CD 6/7 SUB (MPY/D		
06004		XA113	70		XA113	61			16B	9		CMB2BQ AKDTBQ	02 03	AM62CA AKDT1A	01 1	TQ2 E1			33A			
02965		XA113	71						16B	9		AKDTBQ AKDT1A	03 02	AKDT1A AKDT1A	01 2	TQ2 F2			36A			
02967		XA113	72						16B	9		AKDT1A CMB4BQ	02 06	AKDT1A AKDT1A	00 1	TQ2 F2			34A	RECIRCULATE AKDT		
06041		XA113	73		XA111	26			16B	9		CMB4BQ AKY3C0	06 02	AKDT1A AKYC4A	01 1	TQ2 F2			36B			
03190		XA113	74						16B	9		AKY3C0 AKK1CA	02 03	AKYC4A AKK1CA	01 2	TQ2 F3			35B			
02986		XA113	75		XA111	34			16B	9		AKK1CA SPA004	03 03	AKK1CA AM15C0	00 1	TQ2 F1			37B	CONTRGL CODE 0/1		
16162		XA113	76		XA114	03			16B	9		SPA004 CMB4BP	03 05	AM15C0 AKK1CA	01 1	TQ2 F4			37A			
06034		XA113	77		XA114	77			16B	9		CMB4BP CMB5BP	05 03	AKK1CA AM15C0	01 2	TQ2 F1			38B			
06050		XA113	78		XA111	31			16B	9		CMB5BP	03 05	AM15C0 AM15C0	01 2	TQ2 F4			38A			
06018		XA113	79		XA115	10			16B	9		CMB3BP	05 05	AKK1CA AM15C0	01 1	TQ2 F1			39B			
03501		XA113	80		XA114	71			16B	9		AM15C0	04 04	AM15C0 AM15C0	00 1	TQ2 F4			39A	ARITH. CNTL 15 UN		
03890		XA114	01						16B	9		AQDBD0 GND	09 09	AQDBD0 GROUND	00 1	TQ2 A2			02B	DATA BUS TO AQ 08		
22619		XA114	02						16B	9		SPA004	04 05	AQDBE0 AQDBD0	01 1	TQ2 A3			01A			
16163		XA114	03		XA114	04			16B	9		SPA004	04 05	AQDBE0 AQDBD0	01 1	TQ2 A3			02A			
16164		XA114	04		XA114	08			16B	9		SPA004	05 05	AQDBD0 AQDBD0	01 1	TQ2 A2			04A			
CONNECTOR		XA114	CONTINUED ON THE NEXT PAGE ****																			

DRAWING NUMBER 149012-880 CONNECTOR UNIT ASSEMBLY NO. 149012 REV E INDEX XA114
 UNIT ASSEMBLY NAME CARD CAGE ASSY,CPU L.H. FILE IDENT T39B2CP1 DATE 09-03-82 PAGE 27

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 INT. WIRE
03912		XA114	05			XA114	07			16B	9			AQDB0A	04	AQDBD0	01	2	TQ2	A2		03B		
03881		XA114	06							16B	9			AQDBCO	09	AQDBCO	00	1	TQ2	A1		05A	DATA BUS TO AQ 00	
03913		XA114	07							16B	9			AQDB0A	05	AQDBE0	01	2	TQ2	A3		03A		
16165		XA114	08			XA114	11			16B	9			SPA004	06	AQDBCO	01	2	TQ2	A1		06A		
03899		XA114	09							16B	9			AQDBE0	09	AQDBE0	00	1	TQ2	A3		04B	DATA BUS TO AQ 16	
03910		XA114	10			XA114	13			16B	9			AQDB0A	02	AQDBCO	01	1	TQ2	A1		07A		
16166		XA114	11			XA114	17			16B	9			SPA004	07	AQDBFO	01	1	TQ2	A4		05B		
00295		XA114	12											+5V	01				TQ2					
03911		XA114	13			XA114	05			16B	9			AQDB0A	03	AQDBFO	01	2	TQ2	A4		06B		
03954		XA114	14							16B	9			AQ00C0	05	AQ00C0	00	1	TQ2	B2		09A	AQ 00 UNLOAD GATE	
03908		XA114	15							16B	9			AQDBFO	09	AQDBFO	00	1	TQ2	A4		07B	DATA BUS TO AQ 24	
10876		XA114	16											GND	01	GROUND			TQ2			01B		
16167		XA114	17			XA114	18			16B	9			SPA004	08	AQ1660	01	1	TQ2	B3		08B		
16168		XA114	18			XA114	23			16B	9			SPA004	09	AQ00C0	01	2	TQ2	B2		10A		
04237		XA114	19							16B	9			AQ166A	03	AQ1660	01	2	TQ2	B3		09B		
03932		XA114	20			XA118	11			16B	9			AQ00BP	03	AQ00C0	01	1	TQ2	B2		11A		
04239		XA114	21							16B	9			AQ1660	02	AQ1660	00	1	TQ2	B3		10B	SHIFT AQ HALF ALG	
03927		XA114	22							16B	9			AQL550	02	AQL550	00	1	TQ2	B1		12A	SHIFT AQ FULL CIR	
16169		XA114	23			XA121	35			16B	9			SPA004	10	AQ31C0	01	1	TQ2	B4		11B		
03924		XA114	24			XA113	27			16B	9			AQL55A	01	AQL550	01	2	TQ2	B1		13A		
04475		XA114	25							16B	9			AQ31BP	04	AQ31C0	01	2	TQ2	B4		12B		
16171		XA114	26			XA114	29			16B	9			SPA005	01	AQL550	01	1	TQ2	B1		14A		
04483		XA114	27							16B	9			AQ31C0	03	AQ31C0	00	1	TQ2	B4		13B	AQ 31 TRUE OUTPUT	
00296		XA114	28											+5V	01				TQ2					
16172		XA114	29			XA114	35			16B	9			SPA005	02	AM10E0	01	1	TQ2	C3		14B		
03440		XA114	30							16B	9			AM1000	09	AM1000	00	1	TQ2	C2		15A	ARITH. CNTL 10 UN	
05959		XA114	31			XA114	34			16B	9			CMB0BP	02	AM10E0	01	2	TQ2	C3		15B		
10877		XA114	32											GND	01	GROUND			TQ2			20B		
03450		XA114	33							16B	9			AM10E0	10	AM10E0	00	1	TQ2	C3		16B	ARITH. CNTL 10 UN	
05960		XA114	34			XA114	37			16B	9			CMB0BP	03	AM1000	01	2	TQ2	C2		16A		
16173		XA114	35			XA114	36			16B	9			SPA005	03	AM10F0	01	1	TQ2	C4		17B		
16174		XA114	36			XA114	40			16B	9			SPA005	04	AM10D0	01	1	TQ2	C2		17A		
05961		XA114	37			XA114	42			16B	9			CMB0BP	04	AM10F0	01	2	TQ2	C4		18B		
03431		XA114	38							16B	9			AM10C0	10	AM10C0	00	1	TQ2	C1		18A	ARITH. CNTL 10 UN	
03455		XA114	39							16B	9			AM10F0	09	AM10F0	00	1	TQ2	C4		19B	ARITH. CNTL 10 UN	
16175		XA114	40			XA114	41			16B	9			SPA005	05	AM10C0	01	2	TQ2	C1		19A		
16176		XA114	41			XA114	47			16B	9			SPA005	06	AM12E0	01	1	TQ2	D3		22B		
05962		XA114	42			XA115	54			16B	9			CMB0BP	05	AM10C0	01	1	TQ2	C1		20A		
05999		XA114	43			XA115	37			16B	9			CMB2BP	05	AM12E0	01	2	TQ2	D3		23B		
10878		XA114	44											GND	01	GROUND			TQ2			21B		
03488		XA114	45							16B	9			AM12E0	10	AM12E0	00	1	TQ2	D3		24B	ARITH. CNTL 12 UN	
03478		XA114	46							16B	9			AM12D0	09	AM12D0	00	1	TQ2	D2		21A	ARITH. CNTL 12 UN	
16177		XA114	47			XA114	50			16B	9			SPA005	07	AM12F0	01	1	TQ2	D4		25B		
05998		XA114	48			XA114	43			16B	9			CMB2BP	04	AM12D0	01	2	TQ2	D2		22A		
05997		XA114	49			XA114	48			16B	9			CMB2BP	03	AM12F0	01	2	TQ2	D4		26B		
16178		XA114	50			XA114	53			16B	9			SPA005	08	AM12D0	01	1	TQ2	D2		23A		
03497		XA114	51							16B	9			AM12F0	09	AM12F0	00	1	TQ2	D4		27B	ARITH. CNTL 12 UN	
03469		XA114	52							16B	9			AM12C0	10	AM12C0	00	1	TQ2	D1		24A	ARITH. CNTL 12 UN	
16179		XA114	53			XA114	54			16B	9			SPA005	09	AM60EA	01	1	TQ2	E3		28B		
16180		XA114	54			XA121	37			16B	9			SPA005	10	AM12C0	01	2	TQ2	D1		25A		
CONNECTOR		XA114	CONTINUED ON THE NEXT PAGE ****																					

DRAWING NUMBER 149012-880 CONNECTOR UNIT ASSEMBLY NO. 149012 REV E INDEX XA114
 UNIT ASSEMBLY NAME CARD CAGE ASSY,CPU L.H. FILE IDENT T39B2CP1 DATE 09-03-82 PAGE 28

RECORD NUMBER	FROM				TO				WIRE				SIGNAL	SEQ NO	EQUATION	TERM	FACTOR	CKT OR CHIP TYPE	GROUP	LOAD CP 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											
05969		XA114	55							16B	9		CMB08Q	05	AM60EA	01	2	TQ2	E3		29B		
05996		XA114	56		XA114	49				16B	9		CMB28P	02	AM12C0	01	1	TQ2	D1		26A		
03685		XA114	57							16B	9		AM60EA	09	AM60EA	00	1	TQ2	E3		30B	ARITH. CNTL 10 UN	
10879		XA114	58										GND	01	GROUND			TQ2			27A		
16182		XA114	59		XA114	64				16B	9		SPA006	01	AM60FA	01	1	TQ2	E4		31B		
03676		XA114	60							16B	9		AM60DA	09	AM60DA	00	1	TQ2	E2		28A	ARITH. CNTL 10 UN	
05967		XA114	61		XA114	62				16B	9		CMB08Q	03	AM60FA	01	2	TQ2	E4		32B		
05968		XA114	62		XA114	55				16B	9		CMB08Q	04	AM60DA	01	2	TQ2	E2		29A		
03694		XA114	63							16B	9		AM60FA	09	AM60FA	00	1	TQ2	E4		33B	ARITH. CNTL 10 UN	
16183		XA114	64		XA114	65				16B	9		SPA006	02	AM60DA	01	1	TQ2	E2		30A		
16184		XA114	65		XA114	70				16B	9		SPA006	03	AM65CA	01	1	TQ2	F3		34B		
03667		XA114	66							16B	9		AM60CA	09	AM60CA	00	1	TQ2	E1		31A	ARITH. CNTL 10 UN	
10880		XA114	67										GND	01	GROUND			TQ2			40A		
05966		XA114	68		XA114	61				16B	9		CMB08Q	02	AM60CA	01	2	TQ2	E1		32A		
03735		XA114	69		XA111	24				16B	9		AM65CA	04	AM65CA	00	1	TQ2	F3		35A	ARITH. CNTL 15 UN	
16185		XA114	70		XA116	03				16B	9		SPA006	04	AM60CA	01	1	TQ2	E1		33A		
03502		XA114	71		XA115	08				16B	9		AM15C0	05	AKY32A	01	2	TQ2	F2		36A		
03195		XA114	72							16B	9		AKY32A	02	AKY32A	00	1	TQ2	F2		34A	CODE 7 SUB (XDO/X	
06637		XA114	73							16B	9		CQA6C0	03	AKY32A	01	1	TQ2	F2		36B		
06054		XA114	74		XA111	52				16B	9		CMB58Q	03	AM65CA	01	2	TQ2	F3		35B		
03251		XA114	75							16B	9		AL322A	02	AL322A	00	1	TQ2	F1		27B	AL 32 PECIRCULATE	
03174		XA114	76							16B	9		AKY11A	02	AKY1C0	01	1	TQ2	F4		37A		
06035		XA114	77							16B	9		CMB4BP	06	AL322A	01	2	TQ2	F1		38B		
03176		XA114	78							16B	9		AKY12A	02	AKY1C0	01	2	TQ2	F4		38A		
03243		XA114	79		XA216	57				16B	9		AL32BQ	04	AL322A	01	1	TQ2	F1		39B		
03172		XA114	80							16B	9		AKY1C0	02	AKY1C0	00	1	TQ2	F4		39A	MPY/DVD/XIO/XIT A	
03227		XA115	01							16B	9		AL00C0	08	AKYC2A	01	2	TT3	A2		02B		
10881		XA115	02										GND	01	GPOUND			TT3			01B		
03170		XA115	03							16B	9		AKY0C0	05	AKYC2A	01	3	TT3	A2		02A		
03064		XA115	04		XA111	04				16B	9		AKYC1A	02	AKYC1A	00	1	TT3	A1		04A	INITIALIZE SUB (C	
02037		XA115	05							16B	9		ADSETA	04	AKYC2A	01	1	TT3	A2		03B		
06043		XA115	06							16B	9		CME4BQ	08	AKYC1A	01	3	TT3	A1		05A		
03067		XA115	07		XA111	01				16B	9		AKYC2A	02	AKYC2A	00	1	TT3	A2		03A	CGF/CGH SUB (ADSE	
03503		XA115	08							16B	9		AM15C0	06	AKYC1A	01	2	TT3	A1		06A		
02114		XA115	09							16B	9		AD00LA	06	AKYC3A	01	1	TT3	A3		04B		
06019		XA115	10							16B	9		CMB3BP	06	AKYC1A	01	1	TT3	A1		07A		
02027		XA115	11							16B	9		ADSEB5	05	AKYC3A	01	2	TT3	A3		05B		
00297		XA115	12										+5V	01				TT3					
03169		XA115	13		XA115	03				16B	9		AKY0C0	04	AKYC3A	01	3	TT3	A3		06B		
03219		XA115	14							16B	9		AKY53A	02	AKY5C0	01	2	TT3	B2		09A		
03070		XA115	15		XA111	05				16B	9		AKYC3A	02	AKYC3A	00	1	TT3	A3		07B	CGF/CGH SUB (ADSE	
10882		XA115	16										GND	01	GROUND			TT3			21B		
03217		XA115	17							16B	9		AKY52A	02	AKY5C0	01	3	TT3	B2		08B		
03215		XA115	18							16B	9		AKY51A	02	AKY5C0	01	1	TT3	B2		10A		
03213		XA115	19							16B	9		AKY5C0	02	AKY5C0	00	1	TT3	B2		09B	DIVIDE QUOTIENT C	
03178		XA115	20							16B	9		AKY2C0	02	AKY2C0	00	1	TT3	B1		11A	MPY/DVD/XIO/XIT A	
02026		XA115	21		XA115	11				16B	9		ADSEB5	04	AKYN2A	01	1	TT3	B3		10B		
06630		XA115	22							16B	9		CQA6CA	02	AKY2C0	01	3	TT3	B1		12A		
CONNECTOR (XA115) CONTINUED ON THE NEXT PAGE ****																							

DRAWING NUMBER 149012-880 CONNECTOR UNIT ASSEMBLY NO. 149012 REV E INDEX XA115
 UNIT ASSEMBLY NAME CARD CAGE ASSY,CPU L.H. FILE IDENT T39B2CP1 DATE 09-03-82 PAGE 29

RECORD NUMBER	FROM			TO			WIRE				SFC INST. MISC.	SIGNAL	SEQ NO	EQUATION	TERM	FACTOR	CKT OR CHIP TYPE	GROUP	LOAD OR POWER PL. LINE	TEST POINTS AND/OR	SIGNAL DESCRIPTION	ECO NO
	PREFIX	CONNECTOR	PIN	SH. VC	PREFIX	CONNECTOR	PIN	SH. VC	MULTI GROUP	CODE												
03168		XA115	23		XA115	13			168	9		AKY0C0	03	AKYN2A	01	2	TT3	B3		11B		
03183		XA115	24		XA111	18			168	9		AKY22A	02	AKY2C0	01	2	TT3	B1		13A		
03226		XA115	25		XA115	01			168	9		AL00C0	07	AKYN2A	01	3	TT3	B3		12B		
03180		XA115	26		XA111	20			168	9		AKY21A	02	AKY2C0	01	1	TT3	B1		14A		
03150		XA115	27		XA111	06			168	9		AKYN2A	01	AKYN2A	00	1	TT3	B3		13B	CGF/CGH ADD (ADSE	
00298		XA115	28									+5V	01									
05407		XA115	29		XA124	47			168	9		AY22CA	03	AQC40A	01	3	TT3	C2		14B		
03309		XA115	30		XA132	08			168	9		AMSND A	02	AQC40A	01	2	TT3	C2		15A		
03841		XA115	31						168	9		AQC40A	03	AQC40A	00	1	TT3	C2		15B	(SHIFT SINGLE LIN	
22620		XA115	32									GND								27A		
03847		XA115	33		XA113	06			168	9		AQC610	02	AQC60A	01	1	TT3	C3		16B		
05469		XA115	34		XA111	74			168	9		AY25BP	05	AQC40A	01	1	TT3	C2		16A		
05978		XA115	35						168	9		CMB0CQ	02	AQC60A	01	2	TT3	C3		17B		
05152		XA115	36		XA111	10			168	9		AKYN3A	01	AKYN3A	00	1	TT3	C1		17A	CGF/CGH ADD (ADSE	
06000		XA115	37		XA124	41			168	9		CMB2BP	06	AQC60A	01	3	TT3	C3		18B		
03167		XA115	38		XA115	23			168	9		AKY0C0	02	AKYN3A	01	3	TT3	C1		18A		
03843		XA115	39						168	9		AQC60A	02	AQC60A	00	1	TT3	C3		19B	AQ CLOCK CODE 6 D	
02113		XA115	40		XA115	09			168	9		AD00LA	05	AKYN3A	01	2	TT3	C1		19A		
06558		XA115	41		XA131	04			168	9		CQA0CA	02	AQLS1A	01	3	TT3	D2		22B		
02036		XA115	42		XA115	05			168	9		ADSETA	03	AKYN3A	01	1	TT3	C1		20A		
03917		XA115	43						168	9		AQLS1A	02	AQLS1A	00	1	TT3	D2		23B	AC 00 TO AQ 31	
22621		XA115	44									GND								40A		
04465		XA115	45						168	9		AQ302A	02	AQ3090	01	1	TT3	D3		24B		
03324		XA115	46		XA130	30			168	9		AMSNL0	02	AQLS1A	01	2	TT3	D2		21A		
04467		XA115	47						168	9		AQ303A	02	AQ3090	01	2	TT3	D3		25B		
01275		XA115	48		XA238	09			168	9		AC00BP	02	AQLS1A	01	1	TT3	D2		22A		
04463		XA115	49						168	9		AQ301A	02	AQ3090	01	3	TT3	D3		26B		
03909		XA115	50		XA114	10			168	9		AQDB0A	01	AQDB0A	00	1	TT3	D1		23A	DATA BUS TO AQ CO	
04469		XA115	51						168	9		AQ3090	02	AQ3090	00	1	TT3	D3		27B	AQ 30 DATA INPUT	
06008		XA115	52		XA122	04			168	9		CMB2BQ	06	AQDB0A	01	3	TT3	D1		24A		
03832		XA115	53						168	9		AQCP2A	06	AQCPEA	01	3	TT3	E2		28B		
05963		XA115	54		XA124	46			168	9		CMB0BP	06	AQDB0A	01	2	TT3	D1		25A		
03784		XA115	55		XA116	56			168	9		AQCPEA	06	AQCPCB	02	1	TT3	E2		29B	AQ GATED CLOCK GA	
03802		XA115	55								J	AQCPEA	01	AQCPEA	00	1	TT3	E2		29B	AQCPCB BUSS	
03915		XA115	56						168	9		AQDB1A	02	AQDB0A	01	1	TT3	D1		26A		
03823		XA115	57		XA115	70			168	9		AQCPIA	03	AQCPEA	01	1	TT3	E3		30B		
10883		XA115	58									GND	01	GROUND						40B		
03831		XA115	59		XA115	53			168	9		AQCP2A	05	AQCPEA	01	2	TT3	E3		31B		
03822		XA115	60		XA115	57			168	9		AQCPIA	02	AQCPEA	01	2	TT3	E2		28A		
05778		XA115	61		XA115	66			168	9		CLOCKB	10	AQCPEA	01	3	TT3	E3		32B		
05780		XA115	62		XA136	46			168	9		CLOCKB	12	AQCPEA	01	1	TT3	E2		29A		
03782		XA115	63		XA115	64			168	9		AQCPEA	04	AQCPCB	03	1	TT3	E3		33B	AQ GATED CLOCK GA	
03803		XA115	63								J	AQCPEA	01	AQCPEA	00	1	TT3	E3		33B	AQCPCB BUSS	
03783		XA115	64		XA115	55			168	9		AQCPEA	05	AQCPCB	01	1	TT3	E1		30A	AQ GATED CLOCK GA	
03801		XA115	64								J	AQCPEA	01	AQCPEA	00	1	TT3	E1		30A	AQCPCB BUSS	
03829		XA115	65		XA115	68			168	9		AQCPEA	03	AQCPEA	01	3	TT3	F2		34B		
05779		XA115	66		XA115	62			168	9		CLOCKB	11	AQCPEA	01	3	TT3	E1		31A		
10884		XA115	67									GND	01	GROUND								
03830		XA115	68		XA115	59			168	9		AQCPEA	04	AQCPEA	01	2	TT3	E1		32A		
17584		XA115	69		XA209	30			168	9		SPT001	01		01	1	TT3	F3		35A		
CONNECTOR (XA115) CONTINUED ON THE NEXT PAGE ****																						

DRAWING NUMBER 149012-880 CONNECTOR UNIT ASSEMBLY NO. 149012 REV E INDEX XA115
 UNIT ASSEMBLY NAME CARD CAGE ASSY,CPU L.H. FILE IDENT T39B2CP1 DATE 09-03-82 PAGE 30

RECORD NUMBER	FROM				TO				WIRE				SIGNAL	SEQ NO	EQUATION	TURN	FACTOR	CKT OR CHIP TYPE	DIM	LOAD OR POWER PLANE	TEST POINTS AND/OR	SIGNAL DESCRIPTION	ECO NO
	PREFIX	CONNECTOR	PIN	SRG	PREFIX	CONNECTOR	PIN	SRG	MULTI GROUP	CODE	COLOR	IDENT											
03824		XA115	70		XA115	71			16B	9			AQCP1A	04	AQCPDA	01	1	TT3	E1		33A		
03825		XA115	71		XA115	79			16B	9			AQCP1A	05	AQCPJA	01	1	TT3	F2		36A		
05777		XA115	72		XA115	61			16B	9			CLOCKB	09	AQCPJA	01	2	TT3	F2		34A		
03804		XA115	73		XA115	74			16B	9		P	AQCPHA	01	AQCPGB	01	1	TT3	F1		36B	AQ GATED CLOCK GA	
03819		XA115	73									J	AQCPHA	01	AQCPHA	00	1	TT3	F1		36B	AQCPGB BUSS	
03805		XA115	74		XA117	01			16B	9		J	AQCPJA	02	AQCPGB	02	1	TT3	F2		35B	AQ GATED CLOCK GA	
03820		XA115	74									J	AQCPJA	01	AQCPJA	00	1	TT3	F2		35B	AQCPGB BUSS	
05776		XA115	75		XA115	72			16B	9			CLOCKB	08	AQCPHA	01	3	TT3	F1		37B		
17657		XA115	76		XA121	24			16B	9			SPI008	04		01	2	TT3	F3		37A		
03828		XA115	77		XA115	65			16B	9			AQCP2A	02	AQCPHA	01	2	TT3	F1		38B		
17680		XA115	78		XA121	23			16B	9			SPI010	04		01	3	TT3	F3		38A		
03826		XA115	79						16B	9			AQCP1A	06	AQCPHA	01	1	TT3	F1		39B		
20584		XA115	80										SPO	01		00	1	TT3	F3		39A		
03792		XA116	01		XA118	01			16B	9			AQCPCB	14	AQ25BN	01	1	TDD	BN		02B	AQ GATED CLOCK BU	
10885		XA116	02										GND	01	GROUND			TDD			01B		
16186		XA116	03		XA116	15			16B	9			SPA006	05	AQ25BQ	01	1	TDD	BQ		02A		
16193		XA116	04		XA116	06			16B	9			SPA007	01	AQ25BP	01	1	TDD	BP		04A		
04391		XA116	05						16B	9			AQ2590	02	AQ25BI	01	1	TDD	BI		03B		
16194		XA116	06		XA116	20			16B	9			SPA007	02	AQ24BP	01	1	TDD	AP		05A		
04383		XA116	07						16B	9			AQ25BQ	04	AQ25BQ	00	1	TDD	BQ		03A	AQ 25 - PRESET	
04375		XA116	08						16B	9			AQ2490	02	AQ24BI	01	1	TDD	AI		06A		
04379		XA116	09						16B	9			AQ25BP	02	AQ25BP	00	1	TDD	BP		04B	AQ 25 - CLEAR	
03795		XA116	10		XA116	14			16B	9			AQCPCB	17	AQ24BN	01	1	TDD	AN		07A	AQ GATED CLOCK BU	
04363		XA116	11						16B	9			AQ24BP	02	AQ24BP	00	1	TDD	AP		05B	AQ 24 - CLEAR	
00299		XA116	12										+5V	01				TDD					
04367		XA116	13						16B	9			AQ24BQ	04	AQ24BQ	00	1	TDD	AQ		06B	AQ 24 - PRESET	
03796		XA116	14		XA116	26			16B	9			AQCPCB	18	AQ27BN	01	1	TDD	DN		09A	AQ GATED CLOCK BU	
16187		XA116	15		XA116	17			16B	9			SPA006	06	AQ24BQ	01	1	TDD	AQ		07B		
10886		XA116	16										GND	01	GROUND			TDD			20B		
16188		XA116	17		XA116	27			16B	9			SPA006	07	AQ27BQ	01	1	TDD	DQ		08B		
04423		XA116	18						16B	9			AQ2790	02	AQ27BI	01	1	TDD	DI		10A		
04415		XA116	19						16B	9			AQ27BQ	04	AQ27BQ	00	1	TDD	DQ		09B	AQ 27 - PRESET	
16195		XA116	20		XA116	22			16B	9			SPA007	03	AQ27BI	01	1	TDD	DP		11A		
04411		XA116	21						16B	9			AQ27BP	02	AQ27BP	00	1	TDD	DP		10B	AQ 27 - CLEAR	
16196		XA116	22		XA116	36			16B	9			SPA007	04	AQ26BP	01	1	TDD	CP		12A		
04395		XA116	23						16B	9			AQ26BP	02	AQ26BP	00	1	TDD	CP		11B	AQ 26 - CLEAR	
04407		XA116	24						16B	9			AQ2690	02	AQ26BI	01	1	TDD	CI		13A		
04399		XA116	25						16B	9			AQ26BQ	04	AQ26BQ	00	1	TDD	CQ		12B	AQ 26 - PRESET	
03797		XA116	26		XA116	30			16B	9			AQCPCB	19	AQ26BN	01	1	TDD	CN		14A	AQ GATED CLOCK BU	
16189		XA116	27		XA116	29			16B	9			SPA006	08	AQ26BQ	01	1	TDD	CQ		13B		
00300		XA116	28										+5V	01				TDD					
16190		XA116	29		XA116	39			16B	9			SPA006	09	AQ29BQ	01	1	TDD	FQ		14B		
03798		XA116	30		XA117	30			16B	9			AQCPCB	20	AQ29BN	01	1	TDD	FN		15A	AQ GATED CLOCK BU	
04447		XA116	31						16B	9			AQ29BQ	04	AQ29BQ	00	1	TDD	FQ		15B	AQ 29 - PRESET	
10887		XA116	32										GND	01	GROUND			TDD			21B		
04443		XA116	33						16B	9			AQ29BP	02	AQ29BP	00	1	TDD	FP		16B	AQ 29 - CLEAR	
04455		XA116	34						16B	9			AQ2990	02	AQ29BI	01	1	TDD	FI		16A		
04427		XA116	35						16B	9			AQ28BP	02	AQ28BP	00	1	TDD	EP		17B	AQ 28 - CLEAR	
CONNECTOR	XA116	CONTINUED ON THE NEXT PAGE ****																					

DRAWING NUMBER 149012-880 CONNECTOR UNIT ASSEMBLY NO. 149012 REV E INDEX XA116
 UNIT ASSEMBLY NAME CARD CAGE ASSY,CPU L.H. FILE IDENT T39B2CP1 DATE 09-03-82 PAGE 31

RECORD NUMBER	FROM			TO			WIRE			SEC INTR. MISC	SIGNAL	SEC NO	EQUATION	TERM	FACTOR	CKT OR CHIP TYPE	GROUP	LOAD OR POWER PLANE	TEST POINT'S AND/OR	SIGNAL DESCRIPTION	ECO NO
	PREFIX	CONNECTOR	PIN	PREFIX	CONNECTOR	PIN	SH. TO	MULTI GROUP	CODE												
16197		XA116	36		XA116	38			16B	9		SPA007	05	AQ29BP	01	1	TDD	FP	17A		
04431		XA116	37						16B	9		AQ28BQ	04	AQ28BQ	00	1	TDD	EQ	18B	AQ 28 - PRESET	
16198		XA116	38		XA116	50			16B	9		SPA007	06	AQ28BP	01	1	TDD	EP	18A		
16191		XA116	39		XA121	39			16B	9		SPA006	10	AQ28BQ	01	1	TDD	EQ	19B		
04439		XA116	40						16B	9		AQ2890	02	AQ28BI	01	1	TDD	EI	19A		
16204		XA116	41		XA116	51			16B	9		SPA008	01	AQ31BQ	01	1	TDD	HQ	22B		
03790		XA116	42		XA116	46			16B	9		AQCPCB	12	AQ28BN	01	1	TDD	EN	20A	AQ GATED CLOCK BU	
04479		XA116	43		XA213	54			16B	9		AQ31BQ	04	AQ31BQ	00	1	TDD	HQ	23B	AQ 31 - PRESET	
04471		XA116	44									GND		GROUND			TDD		27A		
04474		XA116	45		XA114	25			16B	9		AQ31BP	03	AQ31BP	00	1	TDD	HP	24B	AQ 31 - CLEAR	
03791		XA116	46		XA116	01			16B	9		AQCPCB	13	AQ31BN	01	1	TDD	HN	21A	AQ GATED CLOCK BU	
04457		XA116	47						16B	9		AQ30BP	02	AQ30BP	00	1	TDD	GP	25B	AQ 30 - CLEAR	
04457		XA116	48						16B	9		AQ3190	02	AQ31BI	01	1	TDD	HI	22A		
04461		XA116	49						16B	9		AQ30BQ	04	AQ30BQ	00	1	TDD	GQ	26B	AQ 30 - PRESET	
16199		XA116	50		XA116	52			16B	9		SPA007	07	AQ31BP	01	1	TDD	HP	23A		
16205		XA116	51		XA116	53			16B	9		SPA008	02	AQ30BQ	01	1	TDD	GQ	27B		
16200		XA116	52		XA116	64			16B	9		SPA007	08	AQ30BP	01	1	TDD	GP	24A		
16206		XA116	53		XA116	63			16B	9		SPA008	03	AKYCHQ	01	1	TDD	KQ	28B		
04468		XA116	54		XA115	51			16B	9		AQ3090	01	AQ30BI	01	1	TDD	GI	25A		
03062		XA116	55						16B	9		AKYCHQ	02	AKYCHQ	00	1	TDD	KQ	29B	AKYC UNLOAD - PRE	
03785		XA116	56		XA117	60			16B	9		AQCPCB	07	AQ30BN	01	1	TDD	GN	26A	AQ GATED CLOCK BU	
03060		XA116	57						16B	9		AKYCHP	05	AKYCHP	00	1	TDD	KP	30B	AKYC UNLOAD - CLE	
10888		XA116	58									GND	01	GROUND			TDD		40A		
03145		XA116	59						16B	9		AKYNHP	05	AKYNHP	00	1	TDD	JP	31B	AKYN UNLOAD - CLE	
02922		XA116	60		XA213	01			16B	9		AKCPDA	01	AKYCHN	01	1	TDD	KN	28A		
03147		XA116	61						16B	9		AKYNHQ	02	AKYNHQ	00	1	TDD	JQ	32B	AKYN UNLOAD - PRE	
03074		XA116	62		XA112	71			16B	9		AKYCH9	01	AKYCHI	01	1	TDD	KI	29A		
16207		XA116	63		XA116	65			16B	9		SPA008	04	AKYNHQ	01	1	TDD	JQ	33B		
16201		XA116	64		XA116	66			16B	9		SPA007	09	AKYCHP	01	1	TDD	KP	30A		
16208		XA116	65		XA116	80			16B	9		SPA008	05	AKCBBQ	01	1	TDD	MQ	34B		
16202		XA116	66		XA121	40			16B	9		SPA007	10	AKYNHP	01	1	TDD	JP	31A		
10889		XA116	67									GND	01	GROUND			TDD		40B		
03156		XA116	68		XA112	77			16B	9		AKYN90	01	AKYNHI	01	1	TDD	JI	32A		
02904		XA116	69						16B	9		AKCBBP	02	AKCBBP	00	1	TDD	MP	35A	AKCB - CLEAR	
02914		XA116	70		XA213	06			16B	9		AKCPCA	01	AKYNHN	01	1	TDD	JN	33A		
02912		XA116	71		XA113	39			16B	9		AKCB90	01	AKCBBI	01	1	TDD	MI	36A		
02935		XA116	72						16B	9		AKCPEA	06	AKCBBN	01	1	TDD	MN	34A		
16215		XA116	73		XA116	75			16B	9		SPA009	01	AKCBBP	01	1	TDD	MP	36B		
02907		XA116	74						16B	9		AKCBBQ	03	AKCBBQ	00	1	TDD	MQ	35B	AKCB - PRESET	
16216		XA116	75		XA117	04			16B	9		SPA009	02	AL32BP	01	1	TDD	LP	37B		
03238		XA116	76		XA231	60			16B	9		AL32BP	03	AL32BP	00	1	TDD	LP	37A	AL 32 - CLEAR	
03253		XA116	77						16B	9		AL3290	02	AL32BI	01	1	TDD	LI	38B		
03242		XA116	78		XA114	79			16B	9		AL32BQ	03	AL32BQ	00	1	TDD	LQ	38A	AL 32 - PRESET	
02934		XA116	79		XA116	72			16B	9		AKCPEA	05	AL32BN	01	1	TDD	LN	39B		
16209		XA116	80		XA117	03			16B	9		SPA008	06	AL32BQ	01	1	TDD	LQ	39A		
03806		XA117	01		XA118	14			16B	9		AQCPCB	03	AQ13BN	01	1	TDD	BN	02B	AQ GATED CLOCK BU	
10890		XA117	02									GND	01	GROUND			TDD		01B		
16210		XA117	03		XA117	15			16B	9		SPA008	07	AQ13BQ	01	1	TDD	BQ	02A		
CONNECTOR (XA117) CONTINUED ON THE NEXT PAGE ****																					

DRAWING NUMBER 149012-880 CONNECTOR UNIT ASSEMBLY NO. 149012 REV E INDEX XA117
 UNIT ASSEMBLY NAME CARD CAGE ASSY,CPU L.H. FILE IDENT T39B2CP1 DATE 09-03-82 PAGE 32

RECORD NUMBER	FROM			TO			WIRE				SFC INST. MISC	SIGNAL	SEQ NO	EQUATION	TERM FACTOR	CKT OR CHIP TYPE	GROUP	LOAD CP POWER PLANE	TEST POINTS ANCHOR	SIGNAL DESCRIPTION	ECO NO
	PREFIX	CONNECTOR	PIN	PREFIX	CONNECTOR	PIN	MULTI GROUP	CODE	COLOR	IDENT											
16217		XA117	04		XA117	06		168	9			SPA009	03	AQ13BP	01	1	TDD	BP	04A		
04172		XA117	05					168	9			AQ1390	02	AQ13BI	01	1	TDD	BI	03B		
16218		XA117	06		XA117	20		168	9			SPA009	04	AQ12BP	00	1	TDD	AP	05A		
04164		XA117	07					168	9			AQ13BQ	04	AQ13BQ	00	1	TDD	BQ	03A		AQ 13 - PRESET
04156		XA117	08					168	9			AQ1290	02	AQ12BI	01	1	TDD	AI	06A		
04160		XA117	09					168	9			AQ13BP	02	AQ13BP	00	1	TDD	BP	04B		AQ 13 - CLEAR
03808		XA117	10		XA117	14		168	9			AQCPCB	05	AQ12BN	01	1	TDD	AN	07A		AQ GATED CLOCK BU
04144		XA117	11					168	9			AQ12BP	02	AQ12BP	00	1	TDD	AP	05B		AQ 12 - CLEAR
00301		XA117	12									+5V	01				TDD				
04148		XA117	13					168	9			AQ12BQ	04	AQ12BQ	00	1	TDD	AQ	06B		AQ 12 - PRESET
03809		XA117	14		XA117	26		168	9			AQCPCB	06	AQ15BN	01	1	TDD	DN	09A		AQ GATED CLOCK BU
16211		XA117	15		XA117	17		168	9			SPA008	08	AQ12BQ	01	1	TDD	AQ	07B		
22622		XA117	16									GND		GROUND			TDD		20B		
16212		XA117	17		XA117	27		168	9			SPA008	09	AQ15BQ	01	1	TDD	DQ	08B		
04204		XA117	18					168	9			AQ1590	02	AQ15BI	01	1	TDD	DI	10A		
04196		XA117	19					168	9			AQ15BQ	04	AQ15BQ	00	1	TDD	DQ	09B		AQ 15 - PRESET
16219		XA117	20		XA117	22		168	9			SPA009	05	AQ15BP	01	1	TDD	DP	11A		
04192		XA117	21					168	9			AQ15BP	02	AQ15BP	00	1	TDD	DP	10B		AQ 15 - CLEAR
16220		XA117	22		XA117	36		168	9			SPA009	06	AQ14BP	01	1	TDD	CP	12A		
04176		XA117	23					168	9			AQ14BP	02	AQ14BP	00	1	TDD	CP	11B		AQ 14 - CLEAR
04188		XA117	24					168	9			AQ1490	02	AQ14BI	01	1	TDD	CI	13A		
04180		XA117	25					168	9			AQ14BQ	04	AQ14BQ	00	1	TDD	CQ	12B		AQ 14 - PRESET
03810		XA117	26		XA118	30		168	9			AQCPCB	07	AQ14BN	01	1	TDD	CN	14A		AQ GATED CLOCK BU
16213		XA117	27		XA121	42		168	9			SPA008	10	AQ14BQ	01	1	TDD	CQ	13B		
00302		XA117	28									+5V	01				TDD				
16226		XA117	29		XA117	39		168	9			SPA010	01	AQ17BQ	01	1	TDD	FQ	14B		
03799		XA117	30		XA118	26		168	9			AQCPCB	21	AQ17BN	01	1	TDD	FN	15A		AQ GATED CLOCK BU
04249		XA117	31		XA113	11		168	9			AQ17BQ	04	AQ17BQ	00	1	TDD	FQ	15B		AQ 17 - PRESET
04219		XA117	32									GND		GROUND			TDD		21B		
04244		XA117	33		XA113	26		168	9			AQ17BP	01	AQ17BP	00	1	TDD	FP	16B		AQ 17 - CLEAR
04258		XA117	34					168	9			AQ1790	02	AQ17BI	01	1	TDD	FI	16A		
04210		XA117	35		XA231	47		168	9			AQ16BP	04	AQ16BP	00	1	TDD	EP	17B		AQ 16 - CLEAR
16221		XA117	36		XA117	38		168	9			SPA009	07	AQ17BP	01	1	TDD	FP	17A		
04214		XA117	37		XA126	46		168	9			AQ16BQ	03	AQ16BQ	00	1	TDD	EJ	18B		AQ 16 - PRESET
16222		XA117	38		XA117	50		168	9			SPA009	08	AQ16BP	01	1	TDD	EP	18A		
16227		XA117	39		XA117	41		168	9			SPA010	02	AQ16BQ	01	1	TDD	EQ	19B		
04241		XA117	40					168	9			AQ1690	02	AQ16BI	01	1	TDD	EI	19A		
16228		XA117	41		XA117	51		168	9			SPA010	03	AQ19BQ	01	1	TDD	HQ	22B		
03788		XA117	42		XA117	46		168	9			AQCPCB	10	AQ16BN	01	1	TDD	EN	20A		AQ GATED CLOCK BU
04282		XA117	43		XA331	56		168	9			AQ19BQ	04	AQ19BQ	00	1	TDD	HQ	23B		AQ 19 - PRESET
04284		XA117	44									GND		GROUND			TDD		27A		
04278		XA117	45					168	9			AQ19BP	02	AQ19BP	00	1	TDD	HP	24B		AQ 19 - CLEAR
03789		XA117	46		XA116	42		168	9			AQCPCB	11	AQ19BN	01	1	TDD	HN	21A		AQ GATED CLOCK BU
04262		XA117	47					168	9			AQ18BP	02	AQ18BP	00	1	TDD	GP	25B		AQ 18 - CLEAR
04295		XA117	48					168	9			AQ1990	02	AQ19BI	01	1	TDD	HI	22A		
04266		XA117	49					168	9			AQ18BQ	04	AQ18BQ	00	1	TDD	GQ	26B		AQ 18 - PRESET
16223		XA117	50		XA117	52		168	9			SPA009	09	AQ19BP	01	1	TDD	HP	23A		
16229		XA117	51		XA117	53		168	9			SPA010	04	AQ18BQ	01	1	TDD	GO	27B		
16224		XA117	52		XA121	46		168	9			SPA009	10	AQ18BP	01	1	TDD	GP	24A		
16230		XA117	53		XA117	63		168	9			SPA010	05	AQ21BQ	01	1	TDD	KQ	28B		
CONNECTOR (XA117) CONTINUED ON THE NEXT PAGE ****																					

DRAWING NUMBER 149012-880

CONNECTOR

UNIT ASSEMBLY NO. 149012

REV E INDEX XA117

UNIT ASSEMBLY NAME CARD CAGE ASSY,CPU L.H.

FILE IDENT T39B2CP1

DATE 09-03-82 PAGE 33

RECORD NUMBER	FROM			TO			WIRE				SIGNAL	SEQ NO	EQUATION	TERM	FACTOR	CKT OR CHIP TYPE	GROUP	LOAD OR POWER PLNS	TEST POINTS AND OR	SIGNAL DESCRIPTION	ECO NO
	PREFIX	CONNECTOR	PIN	PREFIX	CONNECTOR	PIN	SIZE	MULTI GROUP	CODE	COLOR											
04274		XA117	54					168	9			AQ1890	02	AQ188I	01	1	TDD	GI	25A		
04317		XA117	55		XA125	30		168	9			AQ21BQ	02	AQ21BQ	00	1	TDD	KQ	29B	AQ 21 - PRESET	
03787		XA117	56		XA117	42		168	9			AQCPCB	09	AQ188N	01	1	TDD	GN	26A	AQ GATED CLOCK BU	
04315		XA117	57					168	9			AQ21BP	02	AQ21BP	00	1	TDD	KP	30B	AQ 21 - CLEAR	
04313		XA117	58									GND		GROUND			TDD		40A		
04299		XA117	59					168	9			AQ20BP	02	AQ20BP	00	1	TDD	JP	31B	AQ 20 - CLEAR	
03786		XA117	60		XA117	56		168	9			AQCPCB	08	AQ21BN	01	1	TDD	KN	28A	AQ GATED CLOCK BU	
04301		XA117	61		XA126	78		168	9			AQ20BQ	02	AQ20BQ	00	1	TDD	JQ	32B	AQ 20 - PRESET	
04327		XA117	62					168	9			AQ2190	02	AQ218I	01	1	TDD	KJ	29A		
16231		XA117	63		XA117	65		168	9			SPA010	06	AQ20BQ	01	1	TDD	JQ	33B		
16237		XA117	64		XA117	66		168	9			SPA011	01	AQ21BP	01	1	TDD	KP	30A		
16232		XA117	65		XA117	80		168	9			SPA010	07	AQ23BQ	01	1	TDD	MQ	34B		
16238		XA117	66		XA117	73		168	9			SPA011	02	AQ20BP	01	1	TDD	JP	31A		
04345		XA117	67									GND		GROUND			TDD		40B		
04311		XA117	68					168	9			AQ2090	02	AQ208I	01	1	TDD	JI	32A		
04347		XA117	69					168	9			AQ23BP	02	AQ23BP	00	1	TDD	MP	35A	AQ 23 - CLEAR	
03780		XA117	70		XA117	72		168	9			AQCPCB	02	AQ20BN	01	1	TDD	JN	33A	AQ GATED CLOCK BU	
04359		XA117	71					168	9			AQ2390	02	AQ238I	01	1	TDD	MI	36A		
03781		XA117	72		XA115	63		168	9			AQCPCB	03	AQ238N	01	1	TDD	MN	34A	AQ GATED CLOCK BU	
16239		XA117	73		XA117	75		168	9			SPA011	03	AQ23BP	01	1	TDD	MP	36B		
04349		XA117	74		XA125	35		168	9			AQ23BQ	02	AQ23BQ	00	1	TDD	MQ	35B	AQ 23 - PRESET	
16240		XA117	75		XA118	04		168	9			SPA011	04	AQ22BP	01	1	TDD	LP	37B		
04331		XA117	76					168	9			AQ22BP	02	AQ22BP	00	1	TDD	LP	37A	AQ 22 - CLEAR	
04343		XA117	77					168	9			AQ2290	02	AQ228I	01	1	TDD	LI	38B		
04333		XA117	78		XA125	48		168	9			AQ22BQ	02	AQ22BQ	00	1	TDD	LQ	38A	AQ 22 - PRESET	
03779		XA117	79		XA117	70		168	9			AQCPCB	01	AQ22BN	01	1	TDD	LN	39B	AQ GATED CLOCK BU	
16233		XA117	80		XA118	03		168	9			SPA010	08	AQ22BQ	01	1	TDD	LQ	39A		
03793		XA118	01		XA118	10		168	9			AQCPCB	15	AQ01BN	01	1	TDD	BN	02B	AQ GATED CLOCK BU	
10891		XA118	02									GND	01	GROUND			TDD		01B		
16234		XA118	03		XA118	15		168	9			SPA010	09	AQ01BQ	01	1	TDD	BQ	02A		
16241		XA118	04		XA118	06		168	9			SPA011	05	AQ01BP	01	1	TDD	BP	04A		
03980		XA118	05					168	9			AQ0190	02	AQ018I	01	1	TDD	BI	03B		
16242		XA118	06		XA118	20		168	9			SPA011	06	AQ00BP	01	1	TDD	AP	05A		
03972		XA118	07					168	9			AQ01BQ	04	AQ01BQ	00	1	TDD	BQ	03A	AQ 01 - PRESET	
03964		XA118	08					168	9			AQ0090	02	AQ008I	01	1	TDD	AI	06A		
03968		XA118	09					168	9			AQ01BP	02	AQ01BP	00	1	TDD	BP	04B	AQ 01 - CLEAR	
03794		XA118	10		XA116	10		168	9			AQCPCB	16	AQ008N	01	1	TDD	AN	07A	AQ GATED CLOCK BU	
03933		XA118	11		XA131	20		168	9			AQ00BP	04	AQ00BP	00	1	TDD	AP	05B	AQ00 - CLEAR	
00303		XA118	12									+5V	01				TDD				
03938		XA118	13		XA129	14		168	9			AQ00BQ	02	AQ00BQ	00	1	TDD	AQ	06B	AQ 00 - PRESET	
03807		XA118	14		XA117	10		168	9			AQCPCB	04	AQ038N	01	1	TDD	DN	09A	AQ GATED CLOCK BU	
16235		XA118	15		XA121	41		168	9			SPA010	10	AQ00BQ	01	1	TDD	AQ	07B		
10892		XA118	16									GND	01	GROUND			TDD		20B		
16248		XA118	17		XA118	27		168	9			SPA012	01	AQ03BQ	01	1	TDD	DQ	08B		
04012		XA118	18					168	9			AQ0390	02	AQ038I	01	1	TDD	DI	10A		
04004		XA118	19					168	9			AQ03BQ	04	AQ03BQ	00	1	TDD	DQ	09B	AQ 03 - PRESET	
16243		XA118	20		XA118	22		168	9			SPA011	07	AQ03BP	01	1	TDD	DP	11A		
04000		XA118	21					168	9			AQ03BP	02	AQ03BP	00	1	TDD	DP	10B	AQ 03 - CLEAR	
CONNECTOR XA118 CONTINUED ON THE NEXT PAGE ****																					

DRAWING NUMBER 149012-880 CONNECTOR UNIT ASSEMBLY NO. 149012 REV E INDEX XA118
 UNIT ASSEMBLY NAME CARD CAGE ASSY,CPU L.H. FILE IDENT T39B2CP1 DATE 09-03-82 PAGE 34

RECORD NUMBER	FROM				TO				WIRE				SIGNAL	SEQ NO	EQUATION	TERM FACTOR	CKT OR CHIP TYPE	DIM	LOAD OR POWER PLANE	TEST POINTS AND/OR	SIGNAL DESCRIPTION	ECO NO
	PREFIX	CONNECTOR	PIN	WIRE	PREFIX	CONNECTOR	PIN	WIRE	NO	MULTI GROUP	CODE	COLOR										
16244		XA118	22			XA118	36			168	9			SPA011	08	AQ02BP	01	1	TDD	CP	12A	
03984		XA118	23							168	9			AQ02BP	02	AQ02BP	00	1	TDD	CP	11B	AQ 02 - CLEAR
03996		XA118	24							168	9			AQ0290	02	AQ02BI	01	1	TDD	CI	13A	
03988		XA118	25							168	9			AQ0280	04	AQ02BQ	00	1	TDD	CQ	12B	AQ 02 - PRESET
03800		XA118	26							168	9			AQCPCB	22	AQ02BN	01	1	TDD	CN	14A	AQ GATED CLOCK BU
16249		XA118	27			XA118	29			168	9			SPA012	02	AQ02BQ	01	1	TDD	CQ	13B	
00304		XA118	28											+5V	01				TDD			
16250		XA118	29			XA118	39			168	9			SPA012	03	AQ05BQ	01	1	TDD	FQ	14B	
03811		XA118	30			XA118	42			168	9			AQCPCB	08	AQ05BN	01	1	TDD	FN	15A	AQ GATED CLOCK BU
04036		XA118	31							168	9			AQ05BQ	04	AQ05BQ	00	1	TDD	FQ	15B	AQ 05 - PRESET
10893		XA118	32											GND	01	GROUND			TDD		21B	
04032		XA118	33							168	9			AQ05BP	02	AQ05BP	00	1	TDD	FP	16B	AQ 05 - CLEAR
04044		XA118	34							168	9			AQ0590	02	AQ05BI	01	1	TDD	FI	16A	
04016		XA118	35							168	9			AQ04BP	02	AQ04BP	00	1	TDD	EP	17B	AQ 04 - CLEAR
16245		XA118	36			XA118	38			168	9			SPA011	09	AQ05BP	01	1	TDD	FP	17A	
04020		XA118	37							168	9			AQ04BQ	04	AQ04BQ	00	1	TDD	EQ	18B	AQ 04 - PRESET
16246		XA118	38			XA121	45			168	9			SPA011	10	AQ04BP	01	1	TDD	EP	18A	
16251		XA118	39			XA118	41			168	9			SPA012	04	AQ04BQ	01	1	TDD	EQ	19B	
04028		XA118	40							168	9			AQ0490	02	AQ04BI	01	1	TDD	EI	19A	
16252		XA118	41			XA118	51			168	9			SPA012	05	AQ07BQ	01	1	TDD	HQ	22B	
03812		XA118	42			XA118	46			168	9			AQCPCB	09	AQ04BN	01	1	TDD	EN	20A	AQ GATED CLOCK BU
04066		XA118	43			XA128	30			168	9			AQ07BQ	02	AQ07BQ	00	1	TDD	HQ	23B	AQ 07 - PRESET
04062		XA118	44											GND		GROUND			TDD		27A	
04064		XA118	45							168	9			AQ07BP	02	AQ07BP	00	1	TDD	HP	24B	AQ 07 - CLEAR
03813		XA118	46			XA118	56			168	9			AQCPCB	10	AQ07BN	01	1	TDD	HN	21A	AQ GATED CLOCK BU
04048		XA118	47							168	9			AQ06BP	02	AQ06BP	00	1	TDD	GP	25B	AQ 06 - CLEAR
04076		XA118	48							168	9			AQ0790	02	AQ07BI	01	1	TDD	HI	22A	
04052		XA118	49							168	9			AQ06BQ	04	AQ06BQ	00	1	TDD	GQ	26B	AQ 06 - PRESET
16259		XA118	50			XA118	52			168	9			SPA013	01	AQ07BP	01	1	TDD	HP	23A	
16253		XA118	51			XA118	53			168	9			SPA012	06	AQ06BQ	01	1	TDD	GQ	27B	
16260		XA118	52			XA118	64			168	9			SPA013	02	AQ06BP	01	1	TDD	GP	24A	
16254		XA118	53			XA118	63			168	9			SPA012	07	AQ09BQ	01	1	TDD	KQ	28B	
04060		XA118	54							168	9			AQ0690	02	AQ06BI	01	1	TDD	GI	25A	
04098		XA118	55			XA128	33			168	9			AQ09BQ	02	AQ09BQ	00	1	TDD	KQ	29B	AQ 09 - PRESET
03814		XA118	56			XA118	60			168	9			AQCPCB	11	AQ06BN	01	1	TDD	GN	26A	AQ GATED CLOCK BU
04096		XA118	57							168	9			AQ09BP	02	AQ09BP	00	1	TDD	KP	30B	AQ 09 - CLEAR
04094		XA118	58											GND		GROUND			TDD		40A	
04080		XA118	59							168	9			AQ08BP	02	AQ08BP	00	1	TDD	JP	31B	AQ 08 - CLEAR
03815		XA118	60			XA118	79			168	9			AQCPCB	12	AQ09BN	01	1	TDD	KN	28A	AQ GATED CLOCK BU
04082		XA118	61			XA128	48			168	9			AQ08BQ	02	AQ08BQ	00	1	TDD	JQ	32B	AQ 08 - PRESET
04108		XA118	62							168	9			AQ0990	02	AQ09BI	01	1	TDD	KI	29A	
16255		XA118	63			XA118	65			168	9			SPA012	08	AQ08BQ	01	1	TDD	JQ	33B	
16261		XA118	64			XA118	66			168	9			SPA013	03	AQ09BP	01	1	TDD	KP	30A	
16256		XA118	65			XA118	80			168	9			SPA012	09	AQ11BQ	01	1	TDD	MQ	34B	
16262		XA118	66			XA118	73			168	9			SPA013	04	AQ08BP	01	1	TDD	JP	31A	
04126		XA118	67											GND		GROUND			TDD		40B	
04092		XA118	68							168	9			AQ0890	02	AQ08BI	01	1	TDD	JI	32A	
04128		XA118	69							168	9			AQ11BP	02	AQ11BP	00	1	TDD	MP	35A	AQ 11 - CLEAR
03817		XA118	70			XA118	72			168	9			AQCPCB	14	AQ08BN	01	1	TDD	JN	33A	AQ GATED CLOCK BU
04140		XA118	71							168	9			AQ1190	02	AQ11BI	01	1	TDD	MI	36A	
CONNECTOR XA118 CONTINUED ON THE NEXT PAGE ****																						

DRAWING NUMBER 149012-880 CONNECTOR UNIT ASSEMBLY NO. 149012 REV E INDEX XA118
 UNIT ASSEMBLY NAME CARD CAGE ASSY,CPU L.H. FILE IDENT T39B2CP1 DATE 09-03-82 PAGE 35

RECORD NUMBER	FROM			TO			WIRE				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	MULTI GROUP	CODE	COLOR	IDENT											
03818		XA118	72									AQCPGB	15	AQ118N	01	1	TDD	MN	34A	AQ GATED CLOCK BU	
16263		XA118	73		XA118	75						SPA013	05	AQ118P	01	1	TDD	MP	36B		
04130		XA118	74		XA127	34						AQ118Q	02	AQ118Q	00	1	TDD	MQ	35B	AQ 11 - PRESET	
16264		XA118	75		XA121	48						SPA013	06	AQ10BP	01	1	TDD	LP	37B		
04112		XA118	76									AQ10BP	02	AQ10BP	00	1	TDD	LP	37A	AQ 10 - CLEAR	
04124		XA118	77									AQ1090	02	AQ10BI	01	1	TDD	LI	38B		
04114		XA118	78		XA128	49						AQ10BQ	02	AQ10BQ	00	1	TDD	LQ	38A	AQ 10 - PRESET	
03816		XA118	79		XA118	70						AQCPGB	13	AQ10BN	01	1	TDD	LN	39B	AQ GATED CLOCK BU	
16257		XA118	80		XA121	47						SPA012	10	AQ10BQ	01	1	TDD	LQ	39A		
18433		XA119	01									SPP	01								
10894		XA119	02									GND	01	GROUND							
18434		XA119	03									SPP	01								
18435		XA119	04									SPP	01								
18436		XA119	05									SPP	01								
18437		XA119	06									SPP	01								
18438		XA119	07									SPP	01								
18435		XA119	08									SPP	01								
18440		XA119	09									SPP	01								
18441		XA119	10									SPP	01								
18442		XA119	11									SPP	01								
00305		XA119	12									+5V	01								
18443		XA119	13									SPP	01								
18444		XA119	14									SPP	01								
18445		XA119	15									DNW	01								D01
10895		XA119	16									GND	01	GROUND							D01
18446		XA119	17									SPP	01								
18447		XA119	18									SPP	01								
18448		XA119	19									SPP	01								
18449		XA119	20									SPP	01								
18450		XA119	21									SPP	01								
18451		XA119	22									SPP	01								
18452		XA119	23									SPP	01								
18453		XA119	24									SPP	01								
18454		XA119	25									SPP	01								
18455		XA119	26									SPP	01								
18456		XA119	27									SPP	01								
00306		XA119	28									SPP	01								
18457		XA119	29									+5V	01								
18458		XA119	30									SPP	01								
18459		XA119	31									SPP	01								
10896		XA119	32									GND	01	GROUND							
18460		XA119	33									SPP	01								
18461		XA119	34									SPP	01								
18462		XA119	35									SPP	01								
18463		XA119	36									SPP	01								
18464		XA119	37									SPP	01								
18465		XA119	38									SPP	01								
18466		XA119	39									SPP	01								
CONNECTOR XA119 CONTINUED ON THE NEXT PAGE ****																					

DRAWING NUMBER 149012-880 CONNECTOR UNIT ASSEMBLY NO. 149012 REV E INDEX XA119
 UNIT ASSEMBLY NAME CARD CAGE ASSY,CPU L.H. FILE IDENT T39B2CP1 DATE 09-03-82 PAGE 36

RECORD NUMBER	FROM				TO				WIRE				SIGNAL	SEQ NO	EQUATION	TERM	FACTOR	CKT OR CHIP TYPE	GROUP	LOAD CP POWER PLANE	TEST POINTS AND/OR	SIGNAL DESCRIPTION	ECO NO	
	PREFIX	CONNECTOR	PIN	WIRE	PREFIX	CONNECTOR	PIN	WIRE	MULTI GROUP	CODE	COLOR	IDENT												
18467		XA119	40										SPP	01										
18468		XA119	41										SPP	01										
18469		XA119	42										SPP	01										
18470		XA119	43										SPP	01										
10897		XA119	44										GND	01	GROUND									
18471		XA119	45										SPP	01										
18472		XA119	46										SPP	01										
18473		XA119	47										SPP	01										
18474		XA119	48										SPP	01										
18475		XA119	49										SPP	01										
18476		XA119	50										SPP	01										
18477		XA119	51										SPP	01										
18478		XA119	52										SPP	01										
18479		XA119	53										SPP	01										
18480		XA119	54										SPP	01										
18481		XA119	55										SPP	01										
18482		XA119	56										SPP	01										
18483		XA119	57										DNW	01										001
10898		XA119	58										GND	01	GROUND									001
18484		XA119	59										SPP	01										
18485		XA119	60										SPP	01										
18486		XA119	61										SPP	01										
18487		XA119	62										SPP	01										
18488		XA119	63										SPP	01										
18489		XA119	64										SPP	01										
18490		XA119	65										SPP	01										
18491		XA119	66										SPP	01										
10899		XA119	67										GND	01	GROUND									
18492		XA119	68										SPP	01										
18493		XA119	69										SPP	01										
18494		XA119	70										SPP	01										
18495		XA119	71										SPP	01										
18496		XA119	72										SPP	01										
18497		XA119	73										SPP	01										
18498		XA119	74										SPP	01										
18499		XA119	75										SPP	01										
18500		XA119	76										SPP	01										
18501		XA119	77										SPP	01										
18502		XA119	78										SPP	01										
18503		XA119	79										SPP	01										
18504		XA119	80										SPP	01										
18505		XA120	01										SPP	01										
10900		XA120	02										GND	01	GROUND									
18506		XA120	03										SPP	01										
18507		XA120	04										SPP	01										
18508		XA120	05										SPP	01										
18509		XA120	06										SPP	01										
18510		XA120	07										SPP	01										
CONNECTOR		XA120	CONTINUED ON THE NEXT PAGE ****																					

DRAWING NUMBER 149012-880 CONNECTOR UNIT ASSEMBLY NO. 149012 REV E INDEX XA120
 UNIT ASSEMBLY NAME CARD CAGE ASSY,CPU L.H. FILE IDENT T39B2CP1 DATE 09-03-82 PAGE 37

RECORD NUMBER	FROM			TO			WIRE				SIGNAL	SFQ NO	EQUATION	TERM	FACTOR	CKT OR CHIP TYPE	GROUP	LOAD OR POWER PLANS	TEST POINTS AND OR	SIGNAL DESCRIPTION	ECO NO
	PREFIX	CONNECTOR	PIN	SH TC	PREFIX	CONNECTOR	PIN	SH TC	MULTI GROUP	CODE											
18511		XA120	08									SPP	01								
18512		XA120	09									SPP	01								
18513		XA120	10									SPP	01								
18514		XA120	11									SPP	01								
00307		XA120	12									+5V	01								
18515		XA120	13									SPP	01								
18516		XA120	14									SPP	01								
18517		XA120	15									SPP	01								
10901		XA120	16									GND	01	GROUND							
18518		XA120	17									SPP	01								
18519		XA120	18									SPP	01								
18520		XA120	19									SPP	01								
18521		XA120	20									SPP	01								
18522		XA120	21									SPP	01								
18523		XA120	22									SPP	01								
18524		XA120	23									SPP	01								
18525		XA120	24									SPP	01								
18526		XA120	25									SPP	01								
18527		XA120	26									SPP	01								
18528		XA120	27									SPP	01								
00308		XA120	28									+5V	01								
18529		XA120	29									SPP	01								
18530		XA120	30									SPP	01								
18531		XA120	31									SPP	01								
10902		XA120	32									GND	01	GROUND							
18532		XA120	33									SPP	01								
18533		XA120	34									SPP	01								
18534		XA120	35									SPP	01								
18535		XA120	36									SPP	01								
18536		XA120	37									SPP	01								
18537		XA120	38									SPP	01								
18538		XA120	39									SPP	01								
18539		XA120	40									SPP	01								
18540		XA120	41									SPP	01								
18541		XA120	42									SPP	01								
18542		XA120	43									SPP	01								
10903		XA120	44									GND	01	GROUND							
18543		XA120	45									SPP	01								
18544		XA120	46									SPP	01								
18545		XA120	47									SPP	01								
18546		XA120	48									SPP	01								
18547		XA120	49									SPP	01								
18548		XA120	50									SPP	01								
18549		XA120	51									SPP	01								
18550		XA120	52									SPP	01								
18551		XA120	53									SPP	01								
18552		XA120	54									SPP	01								
18553		XA120	55									SPP	01								
18554		XA120	56									SPP	01								
18555		XA120	57									SPP	01								
CONNECTOR (XA120) CONTINUED ON THE NEXT PAGE ****																					

DRAWING NUMBER 149012-880 CONNECTOR UNIT ASSEMBLY NO. 149012 REV E INDEX XA120
 UNIT ASSEMBLY NAME CARD CAGE ASSY,CPU L.H. FILE IDENT T39B2CP1 DATE 09-03-82 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 DP	SIGNAL DESCRIPTION	ECO NO
	PREFIX	CONNECTOR	PIN	SH. NO	PREFIX	CONNECTOR	PIN	SH. NO	MULTI GROUP	CODE	COLOR	IDENT										
10904		XA120	58										GND	01	GROUND							
18556		XA120	59										SPP	01								
18557		XA120	60										SPP	01								
18558		XA120	61										SPP	01								
18559		XA120	62										SPP	01								
18560		XA120	63										SPP	01								
18561		XA120	64										SPP	01								
18562		XA120	65										SPP	01								
18563		XA120	66										SPP	01								
10905		XA120	67										GND	01	GROUND							
18564		XA120	68										SPP	01								
18565		XA120	69										SPP	01								
18566		XA120	70										SPP	01								
18567		XA120	71										SPP	01								
18568		XA120	72										SPP	01								
18569		XA120	73										SPP	01								
18570		XA120	74										SPP	01								
18571		XA120	75										SPP	01								
18572		XA120	76										SPP	01								
18573		XA120	77										SPP	01								
18574		XA120	78										SPP	01								
18575		XA120	79										SPP	01								
18576		XA120	80										SPP	01								
08818		XA121	01										DNW	01			RR1					
00246		XA121	02										GND	02	GROUND		RR1					
00010		XA121	03			XA121	13			168	9		+5RE1B	002			RR1	AP				
00011		XA121	04			XA135	04			168	9		+5RE11	01			RR1	AP				
20585		XA121	05										SPR	02			RR1	A1				
20586		XA121	06										SPR	01			RR1	A2				
20612		XA121	07										SPR	01			RR1	A3				
20616		XA121	08										SPR	01			RR1	A4				
20620		XA121	09										SPR	01			RR1	A5				
20629		XA121	10										SPR	02			RR1	A6				
08819		XA121	11										DNW	01			RR1					
08820		XA121	12										+5V	01			RR1					
00012		XA121	13			XA121	21			168	9		+5RE1B	003			RR1	BP				
00013		XA121	14										SPF				RR1	BP			+5RE1B	B02
12698		XA121	15										DNW	01			RR1				KEYWAY	C05
10906		XA121	16										DNW	01			RR1				KEYWAY	C05
20631		XA121	17										SPR	02			RR1	B1				
20633		XA121	18										SPR	02			RR1	B2				
20469		XA121	19										SPR	01			RR1	B3				
20470		XA121	20										SPR	01			RR1	B4				
00014		XA121	21										+5RE1B	004			RR1	CP				
00015		XA121	22										SPF				RR1	CP			+5RE1B	B02
17681		XA121	23			XA122	54			168	9		SP1010	05			RR1	C1				
17658		XA121	24			XA122	50			168	9		SP1008	05			RR1	B5				
17688		XA121	25			XA122	56			168	9		SP1011	02			RR1	C2				
CONNECTOR (XA121) CONTINUED ON THE NEXT PAGE ****																						

DRAWING NUMBER 149012-880 CONNECTOR UNIT ASSEMBLY NO. 149012 REV E INDEX XA121
 UNIT ASSEMBLY NAME CARD CAGE ASSY,CPU L.H. FILE IDENT T39B2CP1 DATE 09-03-82 PAGE 39

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	WIRE	CODE	COLOR	IDENT											
17668		XA121	26		XA122	52		16B	9		SPI009	04			RR1	B6					
12699		XA121	27								DNW	01			RR1					KEYWAY	C05
08821		XA121	28								DNW	01			RR1					KEYWAY	C07
17695		XA121	29		XA122	78		16B	9		SPI012	01			RR1	C3					
16137		XA121	30					16B	9		SPA001	11			RR1	C4					
08822		XA121	31								DNW	01			RR1						
10907		XA121	32								GND	01	GROUND		RR1						
00016		XA121	33		XA121	49		16B	9		+5RE1B	005			RR1	DP					
00017		XA121	34								SPF				RR1	DP				+5RE1B	B02
16170		XA121	35					16B	9		SPA004	11			RR1	D1					
16159		XA121	36					16B	9		SPA003	11			RR1	C6					
16181		XA121	37					16B	9		SPA005	11			RR1	D2					
16148		XA121	38					16B	9		SPA002	11			RR1	C5					
16192		XA121	39					16B	9		SPA006	11			RR1	D3					
16203		XA121	40					16B	9		SPA007	11			RR1	D4					
16236		XA121	41					16B	9		SPA010	11			RR1	E1					
16214		XA121	42					16B	9		SPA008	11			RR1	D5					
08823		XA121	43								DNW	01			RR1						
10908		XA121	44								GND	01	GROUND		RR1						
16247		XA121	45					16B	9		SPA011	11			RR1	E2					
16225		XA121	46					16B	9		SPA009	11			RR1	D6					
16258		XA121	47					16B	9		SPA012	11			RR1	E3					
16265		XA121	48		XA122	01		16B	9		SPA013	07			RR1	E4					
00018		XA121	49		XA121	59		16B	9		+5RE1B	006			RR1	EP					
00019		XA121	50								SPF				RR1	EP				+5RE1B	B02
20471		XA121	51								SPR	01			RR1	F1					
16270		XA121	52		XA122	05		16B	9		SPA014	01			RR1	E5					
20472		XA121	53								SPR	01			RR1	F2					
16281		XA121	54		XA122	07		16B	9		SPA015	01			RR1	E6					
20473		XA121	55								SPR	01			RR1	F3					
20474		XA121	56								SPR	01			RR1	F4					
08824		XA121	57								DNW	01			RR1						
10909		XA121	58								GND	01	GROUND		RR1						
00020		XA121	59		XA121	79		16B	9		+5RE1B	007			RR1	FP					
00021		XA121	60								SPF				RR1	FP				+5RE1B	B02
20475		XA121	61		XA121	63		16B	9		WDDDI1	02			RR1	G1					B03
20476		XA121	62								SPR	01			RR1	F5					
20477		XA121	63		XA121	65		16B	9		WDDDI1	03			RR1	G2					B03
20478		XA121	64								SPR	01			RR1	F6					
20479		XA121	65		XA121	66		16B	9		WDDDI1	04			RR1	G3					B03
20480		XA121	66					16B	9		WDDDI1	05			RR1	G4					B03
10910		XA121	67								GND	01	GROUND		RR1						
23340		XA121	67		XA121	69		16B	9		GND044	01			RR1						
08825		XA121	68								DNW	01			RR1						
00022		XA121	69					16B	9		GND044	02			RR1	GP					
00023		XA121	70								SPF				RR1	GP				GND044	B02
20481		XA121	71								SPR	01			RR1	H1					
20482		XA121	72								SPR	01			RR1	G5					
20483		XA121	73								SPR	01			RR1	H2					
20484		XA121	74								SPR	01			RR1	G6					
CONNECTOR XA121 CONTINUED ON THE NEXT PAGE ****																					

DRAWING NUMBER 149012-880 CONNECTOR UNIT ASSEMBLY NO. 149012 REV E INDEX XA121
 UNIT ASSEMBLY NAME CARD CAGE ASSY,CPU L.H. FILE IDENT T39B2CP1 DATE 09-03-82 PAGE 40

RECORD NUMBER	FROM				TO				WIRE				SIGNAL	SEQ NO	EQUATION	TERM	FACTOR	CKT OR CHIP TYPE	GROUP	LOAD CP POWER PLANE	TEST POINTS ANCHOR	SIGNAL DESCRIPTION	ECO NO
	PREFIX	CONNECTOR	PIN	REL	PREFIX	CONNECTOR	PIN	REL	MULTI GROUP	CODE	COLOR	IDENT											
20485		XA121	75										SPR	01				RR1	H3				
20486		XA121	76										SPR	01				RR1	H4				
20487		XA121	77										SPR	01				RR1	H5				
20488		XA121	78										SPR	01				RR1	H6				
00024		XA121	79		XA222	03			16B	9			+5RE1B	009				RR1	HP				
00025		XA121	80		XA135	80			16B	9			+5RE12	01				RR1	HP				
16266		XA122	01		XA130	29			16B	9			SPA013	08	AQC30A	01	6	TS8	A1		02B		
10911		XA122	02										GND	01	GROUND			TS8			01A		
08826		XA122	03										DNW	01				TS8					
06009		XA122	04						16B	9			CMB2BQ	07	AQC30A	01	4	TS8	A1		04A		
16271		XA122	05		XA130	43			16B	9			SPA014	02	AQC30A	01	5	TS8	A1		03B		
06590		XA122	06		XA111	72			16B	9			CQA2C0	06	AQC30A	01	3	TS8	A1		05A		
16282		XA122	07		XA130	41			16B	9			SPA015	02	AQC30A	01	7	TS8	A1		03A		
03840		XA122	08		XA115	31			16B	9			AQC40A	02	AQC30A	01	2	TS8	A1		06A		
08827		XA122	09										DNW	01				TS8					
05975		XA122	10		XA131	08			16B	9			CMB0CP	06	AQC30A	01	1	TS8	A1		07A		
03838		XA122	11						16B	9			AQC30A	02	AQC30A	01	1	TS8	A1		05B	AQ CLOCK CODE 3 D	
00309		XA122	12										+5V	01				TS8					
05406		XA122	13		XA115	29			16B	9			AY22CA	02	AQC30A	01	8	TS8	A1		06B		
16292		XA122	14		XA132	01			16B	9			SPA016	01	AQ1690	01	6	TS8	B1		09A		
08828		XA122	15										DNW	01				TS8					
05410		XA122	16										GND		GPOUND			TS8			21B		
08829		XA122	17										DNW	01				TS8					
16303		XA122	18		XA132	20			16B	9			SPA017	01	AQ1690	01	5	TS8	B1		10A		
16314		XA122	19		XA132	22			16B	9			SPA018	01	AQ1690	01	7	TS8	B1		09B		
04234		XA122	20						16B	9			AQ165A	02	AQ1690	01	4	TS8	B1		11A		
08830		XA122	21										DNW	01				TS8					
04230		XA122	22						16B	9			AQ163A	02	AQ1690	01	3	TS8	B1		12A		
04240		XA122	23		XA117	40			16B	9			AQ1690	01	AQ1690	00	1	TS8	B1		11B	AQ 16 DATA INPUT	
04226		XA122	24						16B	9			AQ161A	02	AQ1690	01	2	TS8	B1		13A		
04228		XA122	25						16B	9			AQ162A	02	AQ1690	01	8	TS8	B1		12B		
04232		XA122	26						16B	9			AQ164A	02	AQ1690	01	1	TS8	B1		14A		
08831		XA122	27										DNW	01				TS8					
00310		XA122	28										+5V	01				TS8					
08832		XA122	29										DNW	01				TS8					
16325		XA122	30		XA132	34			16B	9			SPA019	01	AL3290	01	6	TS8	C1		15A		
03066		XA122	31		XA115	07			16B	9			AKYC2A	01	AL3290	01	7	TS8	C1		15B		
10912		XA122	32										GND	01	GROUND			TS8			27A		
08833		XA122	33										DNW	01				TS8					
03063		XA122	34		XA115	04			16B	9			AKYC1A	01	AL3290	01	5	TS8	C1		16A		
03252		XA122	35		XA116	77			16B	9			AL3290	01	AL3290	01	1	TS8	C1		17B	AL 32 DATA INPUT	
16336		XA122	36		XA132	68			16B	9			SPA020	01	AL3290	01	4	TS8	C1		17A		
03069		XA122	37		XA115	15			16B	9			AKYC3A	01	AL3290	01	8	TS8	C1		18B		
16347		XA122	38		XA132	78			16B	9			SPA021	01	AL3290	01	3	TS8	C1		18A		
08834		XA122	39										DNW	01				TS8					
03249		XA122	40						16B	9			AL321A	02	AL3290	01	2	TS8	C1		19A		
08835		XA122	41										DNW	01				TS8					
03250		XA122	42		XA114	75			16B	9			AL322A	01	AL3290	01	1	TS8	C1		20A		
CONNECTOR (XA122) CONTINUED ON THE NEXT PAGE ****																							

DRAWING NUMBER 149012-880 CONNECTOR UNIT ASSEMBLY NO. 149012 REV E INDEX XA122
 UNIT ASSEMBLY NAME CARD CAGE ASSY,CPU L.H. FILE IDENT T39B2CP1 DATE 09-03-82 PAGE 41

RECORD NUMBER	FROM				TO				WIRE				SFC INST MISC	SIGNAL	SFC NO	EQUATION	TERM	FACTOR	CKT OR CHIP TYPE	GROUP	LOAD OR POWER PL. LINE	TEST POINTS AND OR	SIGNAL DESCRIPTION	ECO NO
	PREFIX	CONNECTOR	PIN	SH. FC	PREFIX	CONNECTOR	PIN	SH. FC	MULTI GROUP	CODE	COLOR	IDENT												
17623		XA122	43										SPI005	01					TS8	D1		23B		
10913		XA122	44		XA122	55			16B	9			GND	01	GROUND				TS8			40A		
08836		XA122	45										DNW	01					TS8					
17638		XA122	46		XA122	60			16B	9			SPI006	05					TS8	D1		21A		
20613		XA122	47										SPO	02		00	1		TS8	D1		25B		
17603		XA122	48		XA122	61			16B	9			SPI003	01					TS8	D1		22A		
17614		XA122	49		XA122	62			16B	9			SPI004	01					TS8	D1		26B		
17659		XA122	50		XA122	64			16B	9			SPI008	06					TS8	D1		23A		
08837		XA122	51										DNW	01					TS8					
17669		XA122	52		XA122	66			16B	9			SPI009	05					TS8	D1		24A		
08838		XA122	53										DNW	01					TS8					
17682		XA122	54		XA122	68			16B	9			SPI010	06					TS8	D1		25A		
17624		XA122	55		XA122	71			16B	9			SPI005	02					TS8	E1		29B		
17689		XA122	56		XA122	70			16B	9			SPI011	03					TS8	D1		26A		
08839		XA122	57										DNW	01					TS8					
10914		XA122	58										GND	01	GROUND				TS8					
20617		XA122	59										SPO	02		00	1		TS8	E1		31B		
17639		XA122	60		XA122	72			16B	9			SPI006	06					TS8	E1		28A		
17604		XA122	61		XA130	05			16B	9			SPI003	02					TS8	E1		32B		
17615		XA122	62		XA135	37			16B	9			SPI004	02					TS8	E1		29A		
08840		XA122	63										DNW	01					TS8					
17660		XA122	64		XA122	73			16B	9			SPI008	07					TS8	E1		30A		
08841		XA122	65										DNW	01					TS8					
17670		XA122	66		XA122	74			16B	9			SPI009	06					TS8	E1		31A		
10915		XA122	67										GND	01	GROUND				TS8					
17683		XA122	68		XA122	75			16B	9			SPI010	07					TS8	E1		32A		
08842		XA122	69										DNW	01					TS8					
17690		XA122	70		XA122	77			16B	9			SPI011	04					TS8	E1		33A		
17625		XA122	71		XA124	52			16B	9			SPI005	03					TS8	F1		36A		
17640		XA122	72		XA135	40			16B	9			SPI006	07					TS8	F1		34A		
17661		XA122	73		XA124	54			16B	9			SPI008	08					TS8	F1		36B		
17671		XA122	74		XA124	56			16B	9			SPI009	07					TS8	F1		35B		
17684		XA122	75		XA137	73			16B	9			SPI010	08					TS8	F1		37B		
20621		XA122	76										SPO	02		00	1		TS8	F1		37A		
17691		XA122	77		XA138	73			16B	9			SPI011	05					TS8	F1		38B		
17696		XA122	78		XA139	73			16B	9			SPI012	02					TS8	F1		38A		
17731		XA122	79		XA229	78			16B	9			SPI016	01					TS8	F1		39B		
08843		XA122	80										DNW	01					TS8					
03451		XA123	01		XA124	05			16B	9			AM10F0	01	AQ262A	01	2	TT3	A2			02B		
10916		XA123	02										GND	01	GROUND				TT3			01B		
03489		XA123	03		XA124	03			16B	9			AM12F0	01	AQ262A	01	3	TT3	A2			02A		
04401		XA123	04						16B	9			AQ261A	02	AQ261A	00	1	TT3	A1			04A		
04382		XA123	05		XA116	07			16B	9			AQ25BQ	03	AQ262A	01	1	TT3	A2			03B		
08282		XA123	06						16B	9			DB26A0	04	AQ261A	01	3	TT3	A1			05A		
04403		XA123	07						16B	9			AQ262A	02	AQ262A	00	1	TT3	A2			03A		
03686		XA123	08		XA124	10			16B	9			AM60FA	01	AQ261A	01	2	TT3	A1			06A		
04414		XA123	09		XA116	19			16B	9			AQ27BQ	03	AQ263A	01	1	TT3	A3			04B		
03906		XA123	10		XA124	06			16B	9			AQ0BF0	07	AQ261A	01	1	TT3	A1			07A		
CONNECTOR (XA123) CONTINUED ON THE NEXT PAGE ****																								

DRAWING NUMBER 149012-880 CONNECTOR UNIT ASSEMBLY NO. 149012 REV E INDEX XA123
 UNIT ASSEMBLY NAME CARD CAGE ASSY,CPU L.H. FILE IDENT T39B2CP1 DATE 09-03-82 PAGE 42

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										
03578		XA123	11		XA113	51				16B	9		AM30F0 +5V	09 01	AQ263A	01 2	TT3	A3		05B		
00311		XA123	12																			
03730		XA123	13		XA113	63				16B	9		AM62FA	09	AQ263A	01 3	TT3	A3		06B		
03492		XA123	14		XA123	29				16B	9		AM12F0	04	AQ272A	01 2	TT3	B2		09A		
04405		XA123	15							16B	9		AQ263A	02	AQ263A	00 1	TT3	A3		07B	AQ LEFT SHIFT 27	
04425		XA123	16										GND		GROUND		TT3			21B		
04398		XA123	17		XA116	25				16B	9		AQ26BQ	03	AQ272A	01 3	TT3	B2		08B		
03454		XA123	18		XA123	34				16B	9		AM10F0	04	AQ272A	01 1	TT3	B2		10A		
04419		XA123	19							16B	9		AQ272A	02	AQ272A	00 1	TT3	B2		09B	AQ RIGHT SHIFT 26	
04417		XA123	20							16B	9		AQ271A	02	AQ271A	00 1	TT3	B1		11A	BUS TO AQ REG. -	
04429		XA123	21		XA123	46				16B	9		AQ28BQ	02	AQ273A	01 1	TT3	B3		10B		
03905		XA123	22		XA123	10				16B	9		AQDBF0	06	AQ271A	01 3	TT3	B1		12A		
03727		XA123	23		XA124	23				16B	9		AM62FA	06	AQ273A	01 2	TT3	B3		11B		
08336		XA123	24							16B	9		DB27A0	04	AQ271A	01 2	TT3	B1		13A		
03575		XA123	25		XA124	21				16B	9		AM30F0	06	AQ273A	01 3	TT3	B3		12B		
03689		XA123	26		XA123	42				16B	9		AM60FA	04	AQ271A	01 1	TT3	B1		14A		
04421		XA123	27							16B	9		AQ273A	02	AQ273A	00 1	TT3	B3		13B	AQ LEFT SHIFT 28	
00312		XA123	28										+5V	01			TT3					
03493		XA123	29		XA123	41				16B	9		AM12F0	05	AQ282A	01 3	TT3	C2		14B		
04413		XA123	30		XA123	09				16B	9		AQ27BQ	02	AQ282A	01 2	TT3	C2		15A		
04435		XA123	31							16B	9		AQ282A	02	AQ282A	00 1	TT3	C2		15B	AQ RIGHT SHIFT 27	
04409		XA123	32										GND		GROUND		TT3			27A		
03574		XA123	33		XA123	25				16B	9		AM30F0	05	AQ283A	01 1	TT3	C3		16B		
03455		XA123	34		XA123	48				16B	9		AM10F0	05	AQ282A	01 1	TT3	C2		16A		
03726		XA123	35		XA123	23				16B	9		AM62FA	05	AQ283A	01 2	TT3	C3		17B		
04433		XA123	36							16B	9		AQ281A	02	AQ281A	00 1	TT3	C1		17A	BUS TO AQ REG. -	
04446		XA123	37		XA116	31				16B	9		AQ29BQ	03	AQ283A	01 3	TT3	C3		18B		
08399		XA123	38							16B	9		DB28A0	10	AQ281A	01 3	TT3	C1		18A		
04437		XA123	39							16B	9		AQ283A	02	AQ283A	00 1	TT3	C3		19B	AQ LEFT SHIFT 29	
03903		XA123	40		XA124	26				16B	9		AQDBF0	04	AQ281A	01 2	TT3	C1		19A		
03494		XA123	41		XA123	53				16B	9		AM12F0	06	AQ292A	01 3	TT3	D2		22B		
03690		XA123	42		XA123	56				16B	9		AM60FA	05	AQ281A	01 1	TT3	C1		20A		
04451		XA123	43							16B	9		AQ292A	02	AQ292A	00 1	TT3	D2		23B	AQ RIGHT SHIFT 28	
10917		XA123	44										GND	01	GROUND		TT3			40A		
03573		XA123	45		XA123	33				16B	9		AM30F0	04	AQ293A	01 1	TT3	D3		24B		
04430		XA123	46		XA116	37				16B	9		AQ28BQ	03	AQ292A	01 2	TT3	D2		21A		
03725		XA123	47		XA123	35				16B	9		AM62FA	04	AQ293A	01 2	TT3	D3		25B		
03456		XA123	48		XA123	62				16B	9		AM10F0	06	AQ292A	01 1	TT3	D2		22A		
04460		XA123	49		XA116	49				16B	9		AQ30BQ	03	AQ293A	01 3	TT3	D3		26B		
04449		XA123	50							16B	9		AQ291A	02	AQ291A	00 1	TT3	D1		23A	BUS TO AQ REG. -	
04453		XA123	51							16B	9		AQ293A	02	AQ293A	00 1	TT3	D3		27B	AQ LEFT SHIFT 30	
08459		XA123	52							16B	9		DB29A0	07	AQ291A	01 3	TT3	D1		24A		
03495		XA123	53		XA123	71				16B	9		AM12F0	07	AQ302A	01 3	TT3	E2		28B		
03902		XA123	54		XA123	40				16B	9		AQDBF0	03	AQ291A	01 2	TT3	D1		25A		
04464		XA123	55		XA115	45				16B	9		AQ302A	01	AQ302A	00 1	TT3	E2		29B	AQ RIGHT SHIFT 29	
03691		XA123	56		XA123	70				16B	9		AM60FA	06	AQ291A	01 1	TT3	D1		26A		
03572		XA123	57		XA123	45				16B	9		AM30F0	03	AQ303A	01 1	TT3	E3		30B		
04441		XA123	58										GND		GROUND		TT3			40B		
03724		XA123	59		XA123	47				16B	9		AM62FA	03	AQ303A	01 2	TT3	E3		31B		
04445		XA123	60		XA123	37				16B	9		AQ29BQ	02	AQ302A	01 2	TT3	E2		28A		
CONNECTOR		XA123	CONTINUED ON THE NEXT PAGE ****																			

DRAWING NUMBER 149012-880 CONNECTOR UNIT ASSEMBLY NO. 149012 REV E INDEX XA123
 UNIT ASSEMBLY NAME CARD CAGE ASSY,CPU L.H. FILE IDENT T39B2CP1 DATE 09-03-82 PAGE 43

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	TYPE	PREFIX	CONNECTOR	PIN	TYPE	MULTI GROUP	CODE	COLOR	IDENT											
04478		XA123	61			XA116	43			16B	9		AQ31BQ	03	AQ303A	01	3	TT3	E3		32B		
03457		XA123	62			XA123	65			16B	9		AM10F0	07	AQ302A	01	1	TT3	E2		29A		
04466		XA123	63			XA115	47			16B	9		AQ303A	01	AQ303A	00	1	TT3	E3		33B	AQ LEFT SHIFT 31	
04462		XA123	64			XA115	49			16B	9		AQ301A	01	AQ301A	00	1	TT3	E1		30A	BUS TO AQ REG. -	
03458		XA123	65			XA114	39			16B	9		AM10F0	08	AQ312A	01	3	TT3	F2		34B		
08519		XA123	66							16B	9		DB30A0	07	AQ301A	01	3	TT3	E1		31A		
10918		XA123	67										GND	01	GROUND			TT3					
03901		XA123	68			XA123	54			16B	9		AQDBF0	02	AQ301A	01	2	TT3	E1		32A		
05988		XA123	69			XA124	49			16B	9		CMB1BQ	02	AQCP2A	01	1	TT3	F3		35A		
03692		XA123	70			XA123	77			16B	9		AM60FA	07	AQ301A	01	1	TT3	E1		33A		
03496		XA123	71			XA114	51			16B	9		AM12F0	08	AQ312A	01	1	TT3	F2		36A		
04459		XA123	72			XA123	49			16B	9		AQ30BQ	02	AQ312A	01	2	TT3	F2		34A		
04485		XA123	73							16B	9		AQ311A	02	AQ311A	00	1	TT3	F1		36B	BUS TO AQ REG. -	
04487		XA123	74							16B	9		AQ312A	02	AQ312A	00	1	TT3	F2		35B	AQ RIGHT SHIFT 30	
03900		XA123	75			XA123	68			16B	9		AQDBF0	01	AQ311A	01	3	TT3	F1		37B		
06602		XA123	76			XA242	07			16B	9		CQA3CA	02	AQCP2A	01	2	TT3	F3		37A		
03693		XA123	77			XA114	63			16B	9		AM60FA	08	AQ311A	01	2	TT3	F1		38B		
03834		XA123	78							16B	9		AQCP40	02	AQCP2A	01	3	TT3	F3		38A		
08579		XA123	79							16B	9		DB31A0	07	AQ311A	01	1	TT3	F1		39B		
03827		XA123	80			XA115	77			16B	9		AQCP2A	01	AQCP2A	00	1	TT3	F3		39A	CNDTONLY DISABLE A	
04351		XA124	01							16B	9		AQ23BQ	04	AQ242A	01	2	TT3	A2		02B		
04377		XA124	02										GND		GROUND			TT3			01B		
03490		XA124	03			XA124	14			16B	9		AM12F0	02	AQ242A	01	3	TT3	A2		02A		
04369		XA124	04							16B	9		AQ241A	02	AQ241A	00	1	TT3	A1		04A	BUS TO AQ REG. -	
03452		XA124	05			XA124	17			16B	9		AM10F0	02	AQ242A	01	1	TT3	A2		03B		
03907		XA124	06			XA114	15			16B	9		AQDBF0	08	AQ241A	01	3	TT3	A1		05A		
04371		XA124	07							16B	9		AQ242A	02	AQ242A	00	1	TT3	A2		03A	AQ RIGHT SHIFT 23	
08172		XA124	08							16B	9		DB24A0	04	AQ241A	01	2	TT3	A1		06A		
04381		XA124	09			XA123	05			16B	9		AQ25BQ	02	AQ243A	01	1	TT3	A3		04B		
03687		XA124	10			XA124	22			16B	9		AM60FA	02	AQ241A	01	1	TT3	A1		07A		
03729		XA124	11			XA123	13			16B	9		AM62FA	08	AQ243A	01	2	TT3	A3		05B		
00313		XA124	12										+5V	01				TT3					
03577		XA124	13			XA123	11			16B	9		AM30F0	08	AQ243A	01	3	TT3	A3		06B		
03491		XA124	14			XA123	14			16B	9		AM12F0	03	AQ252A	01	2	TT3	B2		09A		
04373		XA124	15							16B	9		AQ243A	02	AQ243A	00	1	TT3	A3		07B	AQ LEFT SHIFT 25	
10919		XA124	16										GND	01	GROUND			TT3			21B		
03453		XA124	17			XA123	18			16B	9		AM10F0	03	AQ252A	01	3	TT3	B2		08B		
04366		XA124	18			XA116	13			16B	9		AQ24BQ	03	AQ252A	01	1	TT3	B2		10A		
04387		XA124	19							16B	9		AQ252A	02	AQ252A	00	1	TT3	B2		09B	AQ RIGHT SHIFT 24	
04385		XA124	20							16B	9		AQ251A	02	AQ251A	00	1	TT3	B1		11A	BUS TO AQ REG. -	
03576		XA124	21			XA124	13			16B	9		AM30F0	07	AQ253A	01	1	TT3	B3		10B		
03688		XA124	22			XA123	26			16B	9		AM60FA	03	AQ251A	01	3	TT3	B1		12A		
03728		XA124	23			XA124	11			16B	9		AM62FA	07	AQ253A	01	2	TT3	B3		11B		
08228		XA124	24							16B	9		DB25A0	04	AQ251A	01	2	TT3	B1		13A		
04397		XA124	25			XA123	17			16B	9		AQ26BQ	02	AQ253A	01	3	TT3	B3		12B		
03904		XA124	26			XA123	22			16B	9		AQDBF0	05	AQ251A	01	1	TT3	B1		14A		
04389		XA124	27							16B	9		AQ253A	02	AQ253A	00	1	TT3	B3		13B	AQ LEFT SHIFT 26	
00314		XA124	28										+5V	01				TT3					
CONNECTOR		XA124	CONTINUED ON THE NEXT PAGE ****																				

DRAWING NUMBER 149012-880 CONNECTOR UNIT ASSEMBLY NO. 149012 REV E INDEX XA124
 UNIT ASSEMBLY NAME CARD CAGE ASSY,CPU L.H. FILE IDENT T39B2CP1 DATE 09-03-82 PAGE 44

RECORD NUMBER	FROM				TO				WIRE				SIGNAL	SEQ NO	EQUATION	TERM	FACT	CKT OR CHIP TYPE	GROUP	LOAD CR POWER PLANE	TEST POINTS AND/OR	SIGNAL DESCRIPTION	ECO NO	
	PREFIX	CONNECTOR	PIN	WIRE	PREFIX	CONNECTOR	PIN	WIRE	DIAG	MULTI GROUP	CODE	COLOR												IDENT
04434		XA124	29			XA123	31				16B	9		AQ282A	01	AQ2890	01	3	TT3	C2		14B		
04432		XA124	30			XA123	36				16B	9		AQ281A	01	AQ2890	01	2	TT3	C2		15A		
04438		XA124	31			XA116	40				16B	9		AQ2890	01	AQ2890	00	1	TT3	C2		15B	AQ 28 DATA INPUT	
04393		XA124	32											GND		GROUND			TT3			27A		
04450		XA124	33			XA123	43				16B	9		AQ292A	01	AQ2990	01	1	TT3	C3		16B		
04436		XA124	34			XA123	39				16B	9		AQ283A	01	AQ2890	01	1	TT3	C2		16A		
04448		XA124	35			XA123	50				16B	9		AQ291A	01	AQ2990	01	2	TT3	C3		17B		
04422		XA124	36			XA116	18				16B	9		AQ2790	01	AQ2790	00	1	TT3	C1		17A	AQ 27 DATA INPUT	
04452		XA124	37			XA123	51				16B	9		AQ293A	01	AQ2990	01	3	TT3	C3		18B		
04418		XA124	38			XA123	19				16B	9		AQ272A	01	AQ2790	01	3	TT3	C1		18A		
04454		XA124	39			XA116	34				16B	9		AQ2990	01	AQ2990	00	1	TT3	C3		19B	AQ 29 DATA INPUT	
04416		XA124	40			XA123	20				16B	9		AQ271A	01	AQ2790	01	2	TT3	C1		19A		
06001		XA124	41			XA131	10				16B	9		CMB2BP	07	AQCP1A	01	3	TT3	D2		22B		
04420		XA124	42			XA123	27				16B	9		AQ273A	01	AQ2790	01	1	TT3	C1		20A		
03821		XA124	43			XA115	60				16B	9		AQCP1A	01	AQCP1A	00	1	TT3	D2		23B	DISABLE AQ CLOCK	
10920		XA124	44											GND	01	GROUND			TT3			40A		
06589		XA124	45			XA122	06				16B	9		CQA2C0	05	AQDB1A	01	1	TT3	D3		24B		
05964		XA124	46								16B	9		CMB0BP	07	AQCP1A	01	2	TT3	D2		21A		
05408		XA124	47								16B	9		AY22CA	04	AQDB1A	01	2	TT3	D3		25B		
05985		XA124	48			XA132	48				16B	9		CMB1BP	02	AQCP1A	01	1	TT3	D2		22A		
05989		XA124	49			XA132	64				16B	9		CMB1BQ	03	AQDB1A	01	3	TT3	D3		26B		
20587		XA124	50											SPO	02		00	1	TT3	D1		23A		
03914		XA124	51			XA115	56				16B	9		AQDB1A	01	AQDB1A	00	1	TT3	D3		27B	DATA BUS TO AQ CO	
17626		XA124	52			XA131	60				16B	9		SPI005	04		01	3	TT3	D1		24A		
04291		XA124	53								16B	9		AQ192A	02	AQ1990	01	3	TT3	E2		28B		
17662		XA124	54			XA131	62				16B	9		SPI008	09		01	2	TT3	D1		25A		
04294		XA124	55			XA117	48				16B	9		AQ1990	01	AQ1990	00	1	TT3	E2		29B	AQ 19 DATA INPUT	
17672		XA124	56			XA131	64				16B	9		SPI009	08		01	1	TT3	D1		26A		
04307		XA124	57								16B	9		AQ202A	02	AQ2090	01	1	TT3	E3		30B		
10921		XA124	58											GND	01	GROUND			TT3			40B		
04305		XA124	59								16B	9		AQ201A	02	AQ2090	01	2	TT3	E3		31B		
04289		XA124	60								16B	9		AQ191A	02	AQ1990	01	2	TT3	E2		28A		
04309		XA124	61								16B	9		AQ203A	02	AQ2090	01	3	TT3	E3		32B		
04293		XA124	62								16B	9		AQ193A	02	AQ1990	01	1	TT3	E2		29A		
04310		XA124	63			XA117	68				16B	9		AQ2090	01	AQ2090	00	1	TT3	E3		33B	AQ 20 DATA INPUT	
04273		XA124	64			XA117	54				16B	9		AQ1890	01	AQ1890	00	1	TT3	E1		30A	AQ 18 DATA INPUT	
04341		XA124	65								16B	9		AQ223A	02	AQ2290	01	3	TT3	F2		34B		
04270		XA124	66								16B	9		AQ182A	02	AQ1890	01	3	TT3	E1		31A		
10922		XA124	67											GND	01	GROUND			TT3					
04268		XA124	68								16B	9		AQ181A	02	AQ1890	01	2	TT3	E1		32A		
04355		XA124	69								16B	9		AQ232A	02	AQ2390	01	1	TT3	F3		35A		
04272		XA124	70								16B	9		AQ183A	02	AQ1890	01	1	TT3	E1		33A		
04337		XA124	71								16B	9		AQ221A	02	AQ2290	01	1	TT3	F2		36A		
04339		XA124	72								16B	9		AQ222A	02	AQ2290	01	2	TT3	F2		34A		
04326		XA124	73			XA117	62				16B	9		AQ2190	01	AQ2190	00	1	TT3	F1		36B	AQ 21 DATA INPUT	
04342		XA124	74			XA117	77				16B	9		AQ2290	01	AQ2290	00	1	TT3	F2		35B	AQ 22 DATA INPUT	
04323		XA124	75								16B	9		AQ212A	02	AQ2190	01	3	TT3	F1		37B		
04353		XA124	76								16B	9		AQ231A	02	AQ2390	01	2	TT3	F3		37A		
04321		XA124	77								16B	9		AQ211A	02	AQ2190	01	2	TT3	F1		38B		
04357		XA124	78								16B	9		AQ233A	02	AQ2390	01	3	TT3	F3		38A		
CONNECTOR (XA124) CONTINUED ON THE NEXT PAGE ****																								

DRAWING NUMBER 149012-880

CONNECTOR

UNIT ASSEMBLY NO. 149012

REV E INDEX XA124

UNIT ASSEMBLY NAME CARD CAGE ASSY,CPU L.H.

FILE IDENT T39B2CP1

DATE 09-03-82 PAGE 45

RECORD NUMBER	FROM			TO			WIRE				SIGNAL	SFQ NO	EQUATION	TERM	FACTOR	CKT OR CHIP TYPE	GROUP	LOAD OR POWER PL LINE	TEST POINTS AND/OR	SIGNAL DESCRIPTION	ECO NO
	PREFIX	CONNECTOR	PIN	PREFIX	CONNECTOR	PIN	SH TO	MULTI GROUP	CODE	COLOR											
04325		XA124	79						16B	9		AQ213A	01	AQ2190	01	1	TT3	F1		39B	
04358		XA124	80		XA117	71			16B	9		AQ2390	02	AQ2390	00	1	TT3	F3		39A	AQ 23 DATA INPUT
04280		XA125	01		XA126	61			16B	9		AQ198Q	02	AQ202A	01	2	TT3	A2		02B	
10923		XA125	02									GND	01	GROUND			TT3			01B	
03449		XA125	03		XA114	33			16B	9		AM10E0	09	AQ202A	01	3	TT3	A2		02A	
04304		XA125	04		XA124	59			16B	9		AQ201A	01	AQ201A	00	1	TT3	A1		04A	BUS TO AQ REG. -
03487		XA125	05		XA114	45			16B	9		AM12E0	09	AQ202A	01	1	TT3	A2		03B	
07970		XA125	06						16B	9		DB20A0	04	AQ201A	01	3	TT3	A1		05A	
04306		XA125	07		XA124	57			16B	9		AQ202A	01	AQ202A	00	1	TT3	A2		03A	AQ RIGHT SHIFT 19
03898		XA125	08		XA114	09			16B	9		AQDBE0	08	AQ201A	01	2	TT3	A1		06A	
04319		XA125	09						16B	9		AQ21BQ	04	AQ203A	01	1	TT3	A3		04B	
03677		XA125	10		XA125	26			16B	9		AM60EA	01	AQ201A	01	1	TT3	A1		07A	
03568		XA125	11		XA113	45			16B	9		AM30E0	09	AQ203A	01	2	TT3	A3		05B	
00315		XA125	12									+5V	01				TT3				
03719		XA125	13		XA125	47			16B	9		AM62EA	07	AQ203A	01	3	TT3	A3		06B	
04303		XA125	14						16B	9		AQ20BQ	04	AQ212A	01	2	TT3	B2		09A	
04308		XA125	15		XA124	61			16B	9		AQ203A	01	AQ203A	00	1	TT3	A3		07B	AQ LEFT SHIFT 21
10924		XA125	16									GND	01	GROUND			TT3			21B	
03486		XA125	17		XA125	05			16B	9		AM12E0	08	AQ212A	01	3	TT3	B2		08B	
03448		XA125	18		XA125	03			16B	9		AM10E0	08	AQ212A	01	1	TT3	B2		10A	
04322		XA125	19		XA124	75			16B	9		AQ212A	01	AQ212A	00	1	TT3	B2		09B	AQ RIGHT SHIFT 20
04320		XA125	20		XA124	77			16B	9		AQ211A	01	AQ211A	00	1	TT3	B1		11A	BUS TO AQ REG. -
03718		XA125	21		XA125	13			16B	9		AM62EA	06	AQ213A	01	1	TT3	B3		10B	
08022		XA125	22						16B	9		DB21A0	04	AQ211A	01	3	TT3	B1		12A	
03567		XA125	23		XA125	11			16B	9		AM30E0	08	AQ213A	01	2	TT3	B3		11B	
03897		XA125	24		XA125	08			16B	9		AQDBE0	07	AQ211A	01	2	TT3	B1		13A	
04335		XA125	25						16B	9		AQ22BQ	04	AQ213A	01	3	TT3	B3		12B	
03678		XA125	26		XA125	38			16B	9		AM60EA	02	AQ211A	01	1	TT3	B1		14A	
04324		XA125	27		XA124	79			16B	9		AQ213A	01	AQ213A	00	1	TT3	B3		13B	AQ LEFT SHIFT 22
00316		XA125	28									+5V	01				TT3				
03485		XA125	29		XA125	17			16B	9		AM12E0	07	AQ222A	01	3	TT3	C2		14B	
04318		XA125	30		XA125	09			16B	9		AQ21BQ	03	AQ222A	01	2	TT3	C2		15A	
04338		XA125	31		XA124	72			16B	9		AQ222A	01	AQ222A	00	1	TT3	C2		15B	AQ RIGHT SHIFT 21
10925		XA125	32									GND	01	GROUND			TT3			27A	
03717		XA125	33		XA125	21			16B	9		AM62EA	05	AQ223A	01	1	TT3	C3		16B	
03447		XA125	34		XA125	18			16B	9		AM10E0	07	AQ222A	01	1	TT3	C2		16A	
04350		XA125	35		XA124	01			16B	9		AQ23BQ	03	AQ223A	01	2	TT3	C3		17B	
04336		XA125	36		XA124	71			16B	9		AQ221A	01	AQ221A	00	1	TT3	C1		17A	BUS TO AQ REG. -
03564		XA125	37		XA126	29			16B	9		AM30E0	05	AQ223A	01	3	TT3	C3		18B	
03679		XA125	38		XA126	42			16B	9		AM60EA	03	AQ221A	01	3	TT3	C1		18A	
04340		XA125	39		XA124	65			16B	9		AQ223A	01	AQ223A	00	1	TT3	C3		19B	AQ LEFT SHIFT 23
03896		XA125	40		XA125	24			16B	9		AQDBE0	06	AQ221A	01	2	TT3	C1		19A	
03484		XA125	41		XA125	29			16B	9		AM12E0	06	AQ232A	01	3	TT3	D2		22B	
08072		XA125	42						16B	9		DB22A0	04	AQ221A	01	1	TT3	C1		20A	
04354		XA125	43		XA124	69			16B	9		AQ232A	01	AQ232A	00	1	TT3	D2		23B	AQ RIGHT SHIFT 22
04361		XA125	44									GND		GROUND			TT3			40A	
04365		XA125	45		XA124	18			16B	9		AQ24BQ	02	AQ233A	01	1	TT3	D3		24B	
03446		XA125	46		XA125	34			16B	9		AM10E0	06	AQ232A	01	2	TT3	D2		21A	
CONNECTOR (XA125) CONTINUED ON THE NEXT PAGE ****																					

DRAWING NUMBER 149012-880 CONNECTOR UNIT ASSEMBLY NO. 149012 REV E INDEX XA125
 UNIT ASSEMBLY NAME CARD CAGE ASSY,CPU L.H. FILE IDENT T39B2CP1 DATE 09-03-82 PAGE 46

RECORD NUMBER	FROM				TO				WIRE				SIGNAL	SEQ NO	EQUATION	TERM	PKT FACTOR	CKT OR CHIP TYPE	GROUP	LOAD OR POWER PLANE	TEST POINTS AND SP	SIGNAL DESCRIPTION	ECO NO
	PREFIX	CONNECTOR	PIN	PL	PREFIX	CONNECTOR	PIN	PL	MULTI GROUP	CODE	COLOR	IDENT											
03720		XA125	47		XA113	57				16B	9		AM62EA	08	AQ233A	01	2	TT3	D3		25B		
04334		XA125	48		XA125	25				16B	9		AQ22BQ	03	AQ232A	01	1	TT3	D2		22A		
03566		XA125	49		XA125	23				16B	9		AM30E0	07	AQ233A	01	3	TT3	D3		24B		
04352		XA125	50		XA124	76				16B	9		AQ231A	01	AQ231A	00	1	TT3	D1		23A		BUS TO AQ REG. -
04356		XA125	51		XA124	78				16B	9		AQ233A	01	AQ233A	00	1	TT3	D3		27B		AQ LEFT SHIFT 24
08122		XA125	52							16B	9		DB23A0	04	AQ231A	01	3	TT3	D1		24A		
04202		XA125	53							16B	9		AQ153A	02	AQ1590	01	3	TT3	E2		28B		
03893		XA125	54		XA126	54				16B	9		AQDBE0	03	AQ231A	01	2	TT3	D1		25A		
04203		XA125	55		XA117	18				16B	9		AQ1590	01	AQ1590	00	1	TT3	E2		29B		AQ 15 DATA INPUT
03682		XA125	56		XA126	70				16B	9		AM60EA	06	AQ231A	01	1	TT3	D1		26A		
04254		XA125	57							16B	9		AQ172A	02	AQ1790	01	1	TT3	E3		30B		
10926		XA125	58										GND	01	GROUND			TT3			40B		
04252		XA125	59							16B	9		AQ171A	02	AQ1790	01	2	TT3	E3		31B		
04200		XA125	60							16B	9		AQ152A	02	AQ1590	01	2	TT3	E2		28A		
04256		XA125	61							16B	9		AQ173A	02	AQ1790	01	3	TT3	E3		32B		
04198		XA125	62							16B	9		AQ151A	02	AQ1590	01	1	TT3	E2		29A		
04257		XA125	63		XA117	34				16B	9		AQ1790	01	AQ1790	00	1	TT3	E3		33B		AQ 17 DATA INPUT
04187		XA125	64		XA117	24				16B	9		AQ1490	01	AQ1490	00	1	TT3	E1		30A		AQ 14 DATA INPUT
04386		XA125	65		XA124	19				16B	9		AQ252A	01	AQ2590	01	3	TT3	F2		34B		
04184		XA125	66							16B	9		AQ142A	02	AQ1490	01	3	TT3	E1		31A		
10927		XA125	67										GND	01	GROUND			TT3					
04182		XA125	68							16B	9		AQ141A	02	AQ1490	01	2	TT3	E1		32A		
04402		XA125	69		XA123	07				16B	9		AQ262A	01	AQ2690	01	1	TT3	F3		35A		
04186		XA125	70							16B	9		AQ143A	02	AQ1490	01	1	TT3	E1		33A		
04388		XA125	71		XA124	27				16B	9		AQ253A	01	AQ2590	01	1	TT3	F2		36A		
04384		XA125	72		XA124	20				16B	9		AQ251A	01	AQ2590	01	2	TT3	F2		34A		
04374		XA125	73		XA116	08				16B	9		AQ2490	01	AQ2490	00	1	TT3	F1		36B		AQ 24 DATA INPUT
04390		XA125	74		XA116	05				16B	9		AQ2590	01	AQ2590	00	1	TT3	F2		35B		AQ 25 DATA INPUT
04370		XA125	75		XA124	07				16B	9		AQ242A	01	AQ2490	01	3	TT3	F1		37B		
04400		XA125	76		XA123	04				16B	9		AQ261A	01	AQ2690	01	2	TT3	F3		37A		
04368		XA125	77		XA124	04				16B	9		AQ241A	01	AQ2490	01	2	TT3	F1		38B		
04404		XA125	78		XA123	15				16B	9		AQ263A	01	AQ2690	01	3	TT3	F3		38A		
04372		XA125	79		XA124	15				16B	9		AQ243A	01	AQ2490	01	1	TT3	F1		39B		
04406		XA125	80		XA116	24				16B	9		AQ2690	01	AQ2690	00	1	TT3	F3		39A		AQ 26 DATA INPUT
03470		XA126	01		XA127	05				16B	9		AM1200	01	AQ142A	01	2	TT3	A2		02B		
07706		XA126	02										GND		GROUND			TT3			01B		
04163		XA126	03		XA117	07				16B	9		AQ138Q	03	AQ142A	01	3	TT3	A2		02A		
04181		XA126	04		XA125	68				16B	9		AQ141A	01	AQ141A	00	1	TT3	A1		04A		BUS TO AQ REG. -
03433		XA126	05		XA126	14				16B	9		AM1000	02	AQ142A	01	1	TT3	A2		03B		
07710		XA126	06							16B	9		DB14A0	04	AQ141A	01	3	TT3	A1		05A		
04183		XA126	07		XA125	66				16B	9		AQ142A	01	AQ142A	00	1	TT3	A2		03A		AQ RIGHT SHIFT 13
03889		XA126	08		XA114	01				16B	9		AQDBD0	08	AQ141A	01	2	TT3	A1		06A		
04195		XA126	09		XA117	19				16B	9		AQ15BQ	03	AQ143A	01	1	TT3	A3		04B		
03668		XA126	10		XA127	10				16B	9		AM600A	01	AQ141A	01	1	TT3	A1		07A		
03705		XA126	11		XA126	23				16B	9		AM620A	02	AQ143A	01	2	TT3	A3		05B		
00317		XA126	12										+5V	01				TT3					
03552		XA126	13		XA126	21				16B	9		AM3000	02	AQ143A	01	3	TT3	A3		06B		
03434		XA126	14		XA127	18				16B	9		AM1000	03	AQ152A	01	2	TT3	B2		09A		
CONNECTOR (XA126) CONTINUED ON THE NEXT PAGE:****																							

DRAWING NUMBER 149012-880 CONNECTOR UNIT ASSEMBLY NO. 149012 REV E INDEX XA126
 UNIT ASSEMBLY NAME CARD CAGE ASSY,CPU L.H. FILE IDENT T39B2CP1 DATE 09-03-82 PAGE 47

RECORD NUMBER	FROM			TO			WIRE				SIGNAL	SNO	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	GAUGE	MULTI GROUP	CODE	COLOR											
04185		XA126	15		XA125	70			16B	9		AQ143A	01	AQ143A	00	1	TT3	A3	07B	AQ LEFT SHIFT 15	
10928		XA126	16						16B	9		GND	01	GROUND					21B		
04179		XA126	17		XA117	25			16B	9		AQ148Q	03	AQ152A	01	3	TT3	B2	08B		
03473		XA126	18		XA127	30			16B	9		AM12D0	04	AQ152A	01	1	TT3	B2	10A		
04199		XA126	19		XA125	60			16B	9		AQ152A	01	AQ152A	00	1	TT3	B2	09B	AQ RIGHT SHIFT 14	
04197		XA126	20		XA125	62			16B	9		AQ151A	01	AQ151A	00	1	TT3	B1	11A	BUS TO AQ REG. -	
03553		XA126	21		XA127	23			16B	9		AM30D0	03	AQ153A	01	1	TT3	B3	10B		
07744		XA126	22						16B	9		DB15A0	04	AQ151A	01	3	TT3	B1	12A		
03706		XA126	23		XA127	25			16B	9		AM62DA	03	AQ153A	01	2	TT3	B3	11B		
03886		XA126	24		XA127	24			16B	9		AQDBD0	05	AQ151A	01	2	TT3	B1	13A		
04217		XA126	25		XA331	47			16B	9		AQ16BQ	06	AQ153A	01	3	TT3	B3	12B		
03671		XA126	26		XA127	38			16B	9		AM60DA	04	AQ151A	01	1	TT3	B1	14A		
04201		XA126	27		XA125	53			16B	9		AQ153A	01	AQ153A	00	1	TT3	B3	13B	AQ LEFT SHIFT 16	
00318		XA126	28									+5V	01								
03565		XA126	29		XA125	49			16B	9		AM30E0	06	AQ165A	01	3	TT3	C2	14B		
04238		XA126	30		XA114	21			16B	9		AQ1660	01	AQ165A	01	2	TT3	C2	15A		
04233		XA126	31		XA122	20			16B	9		AQ165A	01	AQ165A	00	1	TT3	C2	15B	AQ 16 TO AQ 16	
07774		XA126	32									GND		GROUND					27A		
03837		XA126	33		XA122	11			16B	9		AQC30A	01	AQCP40	01	1	TT3	C3	16B		
04216		XA126	34		XA126	25			16B	9		AQ16BQ	05	AQ165A	01	1	TT3	C2	16A		
03842		XA126	35		XA115	39			16B	9		AQC60A	01	AQCP40	01	2	TT3	C3	17B		
04225		XA126	36		XA122	24			16B	9		AQ161A	01	AQ161A	00	1	TT3	C1	17A	BUS TO AQ REG. -	
03836		XA126	37						16B	9		AQC20A	02	AQCP40	01	3	TT3	C3	18B		
07779		XA126	38		XA146	13			16B	9		DB16A0	05	AQ161A	01	3	TT3	C1	18A		
03833		XA126	39		XA123	78			16B	9		AQCP40	01	AQCP40	00	1	TT3	C3	19B	CNDTNLY DISABLE A	
03895		XA126	40		XA125	40			16B	9		AQDBE0	05	AQ161A	01	2	TT3	C1	19A		
03483		XA126	41		XA125	41			16B	9		AM12E0	05	AQ172A	01	3	TT3	D2	22B		
03680		XA126	42		XA126	52			16B	9		AM60EA	04	AQ161A	01	1	TT3	C1	20A		
04253		XA126	43		XA125	57			16B	9		AQ172A	01	AQ172A	00	1	TT3	D2	23B	AQ RIGHT SHIFT 16	
10929		XA126	44									GND	01	GROUND					40A		
04265		XA126	45		XA117	49			16B	9		AQ188Q	03	AQ173A	01	1	TT3	D3	24B		
04215		XA126	46		XA126	34			16B	9		AQ16BQ	04	AQ172A	01	2	TT3	D2	21A		
03716		XA126	47		XA125	33			16B	9		AM62EA	04	AQ173A	01	2	TT3	D3	25B		
03445		XA126	48		XA125	46			16B	9		AM10E0	05	AQ172A	01	1	TT3	D2	22A		
03563		XA126	49		XA125	37			16B	9		AM30E0	04	AQ173A	01	3	TT3	D3	26B		
04251		XA126	50		XA125	59			16B	9		AQ171A	01	AQ171A	00	1	TT3	D1	23A	BUS TO AQ REG. -	
04255		XA126	51		XA125	61			16B	9		AQ173A	01	AQ173A	00	1	TT3	D3	27B	AQ LEFT SHIFT 18	
03681		XA126	52		XA125	56			16B	9		AM60EA	05	AQ171A	01	3	TT3	D1	24A		
03482		XA126	53		XA126	41			16B	9		AM12E0	04	AQ182A	01	3	TT3	E2	28B		
03894		XA126	54		XA126	40			16B	9		AQDBE0	04	AQ171A	01	2	TT3	D1	25A		
04269		XA126	55		XA124	66			16B	9		AQ182A	01	AQ182A	00	1	TT3	E2	29B	AQ RIGHT SHIFT 17	
07828		XA126	56						16B	9		DB17A0	04	AQ171A	01	1	TT3	D1	26A		
03562		XA126	57		XA126	49			16B	9		AM30E0	03	AQ183A	01	1	TT3	E3	30B		
10930		XA126	58									GND	01	GROUND					40B		
03715		XA126	59		XA126	47			16B	9		AM62EA	03	AQ183A	01	2	TT3	E3	31B		
04248		XA126	60		XA117	31			16B	9		AQ17BQ	03	AQ182A	01	2	TT3	E2	28A		
04281		XA126	61		XA117	43			16B	9		AQ19BQ	03	AQ183A	01	3	TT3	E3	32B		
03444		XA126	62		XA126	48			16B	9		AM10E0	04	AQ182A	01	1	TT3	E2	29A		
04271		XA126	63		XA124	70			16B	9		AQ183A	01	AQ183A	00	1	TT3	E3	33B	AQ LEFT SHIFT 19	
04267		XA126	64		XA124	68			16B	9		AQ181A	01	AQ181A	00	1	TT3	E1	30A	BUS TO AQ REG. -	
CONNECTOR (XA126) CONTINUED ON THE NEXT PAGE ****																					

DRAWING NUMBER 149012-880 CONNECTOR UNIT ASSEMBLY NO. 149012 REV E INDEX XA126
 UNIT ASSEMBLY NAME CARD CAGE ASSY,CPU L.H. FILE IDENT T39B2CP1 DATE 09-03-82 PAGE 48

RECORD NUMBER	FROM				TO				WIRE				SIGNAL	SEQ NO	EQUATION	TERM	FACTOR	CKT OP CHIP TYPE	GROUP	LOAD CP POWER PLANE	TEST POINTS AND/OR	SIGNAL DESCRIPTION	ECO NO
	PREFIX	CONNECTOR	PIN	WIRE	PREFIX	CONNECTOR	PIN	WIRE	MULTI GROUP	CODE	COLOR	IDENT											
04264		XA126	65		XA126	45				16B	9		AQ18BQ	02	AQ192A	01	3	TT3	F2		34B		
07874		XA126	66							16B	9		DB18A0	04	AQ181A	01	3	TT3	E1		31A		
04260		XA126	67										GND		GRGUND			TT3					
03892		XA126	68		XA125	54				16B	9		AQDBE0	02	AQ181A	01	2	TT3	E1		32A		
03561		XA126	69		XA126	57				16B	9		AM30E0	02	AQ193A	01	1	TT3	F3		35A		
03683		XA126	70		XA126	77				16B	9		AM60EA	07	AQ181A	01	1	TT3	E1		33A		
03481		XA126	71		XA126	53				16B	9		AM12E0	03	AQ192A	01	1	TT3	F2		36A		
03443		XA126	72		XA126	62				16B	9		AM10E0	03	AQ192A	01	2	TT3	F2		34A		
04288		XA126	73		XA124	60				16B	9		AQ191A	01	AQ191A	00	1	TT3	F1		36B	BUS TO AQ REG. -	
04290		XA126	74		XA124	53				16B	9		AQ192A	01	AQ192A	00	1	TT3	F2		35B	AQ RIGHT SHIFT 18	
03891		XA126	75		XA126	68				16B	9		AQDBE0	01	AQ191A	01	3	TT3	F1		37B		
03714		XA126	76		XA126	59				16B	9		AM62EA	02	AQ193A	01	2	TT3	F3		37A		
03684		XA126	77		XA114	57				16B	9		AM60EA	08	AQ191A	01	2	TT3	F1		38B		
04302		XA126	78		XA125	14				16B	9		AQ20BQ	03	AQ193A	01	3	TT3	F3		38A		
07922		XA126	79							16B	9		DB19A0	04	AQ191A	01	1	TT3	F1		39B		
04292		XA126	80		XA124	62				16B	9		AQ193A	01	AQ193A	00	1	TT3	F3		39A	AQ LEFT SHIFT 20	
04100		XA127	01							16B	9		AQ09BQ	04	AQ102A	01	2	TT3	A2		02B		
10931		XA127	02										GND		GROUND			TT3			01B		
03432		XA127	03		XA126	05				16B	9		AM1000	01	AQ102A	01	3	TT3	A2		02A		
04118		XA127	04							16B	9		AQ101A	02	AQ101A	00	1	TT3	A1		04A	BUS TO AQ REG. -	
03471		XA127	05		XA127	17				16B	9		AM1200	02	AQ102A	01	1	TT3	A2		03B		
07576		XA127	06							16B	9		DB10A0	04	AQ101A	01	3	TT3	A1		05A		
04120		XA127	07							16B	9		AQ102A	02	AQ102A	00	1	TT3	A2		03A	AQ RIGHT SHIFT 09	
03888		XA127	08		XA126	08				16B	9		AQDBD0	07	AQ101A	01	2	TT3	A1		06A		
04132		XA127	09							16B	9		AQ11BQ	04	AQ103A	01	1	TT3	A3		04B		
03669		XA127	10		XA127	22				16B	9		AM60DA	02	AQ101A	01	1	TT3	A1		07A		
03551		XA127	11		XA126	13				16B	9		AM30D0	01	AQ103A	01	2	TT3	A3		05B		
00319		XA127	12										+5V					TT3					
03704		XA127	13		XA126	11				16B	9		AM62DA	01	AQ103A	01	3	TT3	A3		06B		
04116		XA127	14							16B	9		AQ10BQ	04	AQ112A	01	2	TT3	B2		09A		
04122		XA127	15							16B	9		AQ103A	02	AQ103A	00	1	TT3	A3		07B	AQ LEFT SHIFT 11	
10932		XA127	16										GND		GROUND			TT3			21B		
03472		XA127	17		XA126	18				16B	9		AM12D0	03	AQ112A	01	3	TT3	B2		08B		
03435		XA127	18		XA127	29				16B	9		AM10D0	04	AQ112A	00	1	TT3	B2		10A		
04136		XA127	19							16B	9		AQ112A	02	AQ112A	00	1	TT3	B2		09B	AQ RIGHT SHIFT 10	
04134		XA127	20							16B	9		AQ111A	02	AQ111A	00	1	TT3	B1		11A	BUS TO AQ REG. -	
04147		XA127	21		XA117	13				16B	9		AQ12BQ	03	AQ113A	01	1	TT3	B3		10B		
03670		XA127	22		XA126	26				16B	9		AM60DA	03	AQ111A	01	3	TT3	B1		12A		
03554		XA127	23		XA127	33				16B	9		AM30D0	04	AQ113A	01	2	TT3	B3		11B		
03887		XA127	24		XA127	08				16B	9		AQDBD0	06	AQ111A	01	2	TT3	B1		13A		
03707		XA127	25		XA127	35				16B	9		AM62DA	04	AQ113A	01	3	TT3	B3		12B		
07610		XA127	26							16B	9		DB11A0	04	AQ111A	01	1	TT3	B1		14A		
04138		XA127	27							16B	9		AQ113A	02	AQ113A	00	1	TT3	B3		13B	AQ LEFT SHIFT 12	
00320		XA127	28										+5V					TT3					
03436		XA127	29		XA128	34				16B	9		AM10D0	05	AQ122A	01	3	TT3	C2		14B		
03474		XA127	30		XA128	29				16B	9		AM12D0	05	AQ122A	01	2	TT3	C2		15A		
04152		XA127	31							16B	9		AQ122A	02	AQ122A	00	1	TT3	C2		15B	AQ RIGHT SHIFT 11	
04158		XA127	32										GND		GROUND			TT3			27A		
CONNECTOR (XA127) CONTINUED ON THE NEXT PAGE ****																							

DRAWING NUMBER 149012-880 CONNECTOR UNIT ASSEMBLY NO. 149012 REV E INDEX XA127
 UNIT ASSEMBLY NAME CARD CAGE ASSY,CPU L.H. FILE IDENT T39B2CP1 DATE 09-03-82 PAGE 49

RECORD NUMBER	FROM			TO			WIRE				SIGNAL	SQ NO	EQUATION	TERM	FACTOR	CKT OF 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											
03555		XA127	33		XA128	37			16B	9		AM3000	05	AQ123A	01	1	TT3	C3	16B		
04131		XA127	34		XA127	09			16B	9		AQ118Q	03	AQ122A	01	1	TT3	C2	16A		
03708		XA127	35		XA128	35			16B	9		AM620A	05	AQ123A	01	2	TT3	C3	17B		
04150		XA127	36						16B	9		AQ121A	02	AQ121A	00	1	TT3	C1	17A		BUS TO AQ REG. -
04162		XA127	37		XA126	03			16B	9		AQ138Q	02	AQ123A	01	3	TT3	C3	18B		
03672		XA127	38		XA128	42			16B	9		AM600A	05	AQ121A	01	3	TT3	C1	18A		
04154		XA127	39						16B	9		AQ123A	02	AQ123A	00	1	TT3	C3	19B		AQ LEFT SHIFT 13
03885		XA127	40		XA126	24			16B	9		AQ0800	04	AQ121A	01	2	TT3	C1	19A		
04146		XA127	41		XA127	21			16B	9		AQ128Q	02	AQ132A	01	3	TT3	D2	22B		
07644		XA127	42						16B	9		DB12A0	04	AQ121A	01	1	TT3	C1	20A		
04168		XA127	43						16B	9		AQ132A	02	AQ132A	00	1	TT3	D2	23B		AQ RIGHT SHIFT 12
04174		XA127	44									GND		GROUND			TT3		40A		
03558		XA127	45		XA113	46			16B	9		AM3000	08	AQ133A	01	1	TT3	D3	24B		
03477		XA127	46		XA114	46			16B	9		AM1200	08	AQ132A	01	2	TT3	D2	21A		
03711		XA127	47		XA113	60			16B	9		AM620A	08	AQ133A	01	2	TT3	D3	25B		
03439		XA127	48		XA114	30			16B	9		AM1000	08	AQ132A	01	1	TT3	D2	22A		
04178		XA127	49		XA126	17			16B	9		AQ148Q	02	AQ133A	01	3	TT3	D3	26B		
04166		XA127	50						16B	9		AQ131A	02	AQ131A	00	1	TT3	D1	23A		BUS TO AQ REG. -
04170		XA127	51						16B	9		AQ133A	02	AQ133A	00	1	TT3	D3	27B		AQ LEFT SHIFT 14
07676		XA127	52						16B	9		DB13A0	04	AQ131A	01	3	TT3	D1	24A		
04040		XA127	53						16B	9		AQ052A	02	AQ0590	01	3	TT3	E2	28B		
03675		XA127	54		XA114	60			16B	9		AM600A	08	AQ131A	01	2	TT3	D1	25A		
04043		XA127	55		XA118	34			16B	9		AQ0590	01	AQ0590	00	1	TT3	E2	29B		AQ 05 DATA INPUT
03882		XA127	56		XA128	54			16B	9		AQ0800	01	AQ131A	01	1	TT3	D1	26A		
04056		XA127	57						16B	9		AQ062A	02	AQ0690	01	1	TT3	E3	30B		
10933		XA127	58									GND	01	GROUND			TT3		40B		
04054		XA127	59						16B	9		AQ061A	02	AQ0690	01	2	TT3	E3	31B		
04038		XA127	60						16B	9		AQ051A	02	AQ0590	01	2	TT3	E2	28A		
04058		XA127	61						16B	9		AQ063A	02	AQ0690	01	3	TT3	E3	32B		
04042		XA127	62						16B	9		AQ053A	02	AQ0590	01	1	TT3	E2	29A		
04059		XA127	63		XA118	54			16B	9		AQ0690	01	AQ0690	00	1	TT3	E3	33B		AQ 06 DATA INPUT
04027		XA127	64		XA118	40			16B	9		AQ0490	01	AQ0490	00	1	TT3	E1	30A		AQ 04 DATA INPUT
04090		XA127	65						16B	9		AQ083A	02	AQ0890	01	3	TT3	F2	34B		
04024		XA127	66						16B	9		AQ042A	02	AQ0490	01	3	TT3	E1	31A		
10934		XA127	67									GND	01	GROUND			TT3				
04022		XA127	68						16B	9		AQ041A	02	AQ0490	01	2	TT3	E1	32A		
04104		XA127	69						16B	9		AQ092A	02	AQ0990	01	1	TT3	F3	35A		
04026		XA127	70						16B	9		AQ043A	02	AQ0490	01	1	TT3	E1	33A		
04086		XA127	71						16B	9		AQ081A	02	AQ0890	01	1	TT3	F2	36A		
04088		XA127	72						16B	9		AQ082A	02	AQ0890	01	2	TT3	F2	34A		
04075		XA127	73		XA118	48			16B	9		AQ0790	01	AQ0790	00	1	TT3	F1	36B		AQ 07 DATA INPUT
04091		XA127	74		XA118	68			16B	9		AQ0890	01	AQ0890	00	1	TT3	F2	35B		AQ 08 DATA INPUT
04072		XA127	75						16B	9		AQ072A	02	AQ0790	01	3	TT3	F1	37B		
04102		XA127	76						16B	9		AQ091A	02	AQ0990	01	2	TT3	F3	37A		
04070		XA127	77						16B	9		AQ071A	02	AQ0790	01	2	TT3	F1	38B		
04106		XA127	78						16B	9		AQ093A	02	AQ0990	01	3	TT3	F3	38A		
04074		XA127	79						16B	9		AQ073A	02	AQ0790	01	1	TT3	F1	39B		
04107		XA127	80		XA118	62			16B	9		AQ0990	01	AQ0990	00	1	TT3	F3	39A		AQ 09 DATA INPUT

DRAWING NUMBER 149012-880 CONNECTOR UNIT ASSEMBLY NO. 149012 REV E INDEX XA128
 UNIT ASSEMBLY NAME CARD CAGE ASSY,CPU L.H. FILE IDENT T39B2CP1 DATE 09-03-82 PAGE 50

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	PLT	PREFIX	CONNECTOR	PIN	PLT	MULTI GROUP	CODE	COLOR	IDENT										
03462		XA128	01		XA128	17				16B	9		AM12C0	03	AQ062A	01	2	TT3	A2	02B		
07442		XA128	02										GND	02	GROUND			TT3		01B		
04035		XA128	03		XA118	31				16B	9		AQ05BQ	03	AQ062A	01	3	TT3	A2	02A		
04053		XA128	04		XA127	59				16B	9		AQ061A	01	AQ061A	00	1	TT3	A1	04A	BUS TO AQ REG. -	
03424		XA128	05		XA128	14				16B	9		AM10C0	03	AQ062A	01	1	TT3	A2	03B		
07446		XA128	06							16B	9		DB06A0	04	AQ061A	01	3	TT3	A1	05A		
04055		XA128	07		XA127	57				16B	9		AQ062A	01	AQ062A	00	1	TT3	A2	03A	AQ RIGHT SHIFT 05	
03880		XA128	08		XA114	06				16B	9		AQ08C0	08	AQ061A	01	2	TT3	A1	06A		
04068		XA128	09							16B	9		AQ07BQ	04	AQ063A	01	1	TT3	A3	04B		
03659		XA128	10		XA129	10				16B	9		AM60CA	01	AQ061A	01	1	TT3	A1	07A		
03696		XA128	11		XA128	23				16B	9		AM62CA	02	AQ063A	01	2	TT3	A3	05B		
00321		XA128	12										+5V	01				TT3				
03543		XA128	13		XA128	25				16B	9		AM30C0	02	AQ063A	01	3	TT3	A3	06B		
03425		XA128	14		XA129	18				16B	9		AM10C0	04	AQ072A	01	2	TT3	B2	09A		
04057		XA128	15		XA127	61				16B	9		AQ063A	01	AQ063A	00	1	TT3	A3	07B	AQ LEFT SHIFT 07	
07476		XA128	16										GND	02	GROUND			TT3		21B		
03463		XA128	17		XA129	17				16B	9		AM12C0	04	AQ072A	01	3	TT3	B2	08B		
04051		XA128	18		XA118	49				16B	9		AQ06RQ	03	AQ072A	01	1	TT3	B2	10A		
04071		XA128	19		XA127	75				16B	9		AQ072A	01	AQ072A	00	1	TT3	B2	09B	AQ RIGHT SHIFT 06	
04069		XA128	20		XA127	77				16B	9		AQ071A	01	AQ071A	00	1	TT3	B1	11A	BUS TO AQ REG. -	
04084		XA128	21							16B	9		AQ08BQ	04	AQ073A	01	1	TT3	B3	10B		
07480		XA128	22							16B	9		DB07A0	04	AQ071A	01	3	TT3	B1	12A		
03697		XA128	23		XA129	23				16B	9		AM62CA	03	AQ073A	01	2	TT3	B3	11B		
03877		XA128	24		XA129	24				16B	9		AQ08C0	05	AQ071A	01	2	TT3	B1	13A		
03544		XA128	25		XA129	25				16B	9		AM30C0	03	AQ073A	01	3	TT3	B3	12B		
03662		XA128	26		XA129	42				16B	9		AM60CA	04	AQ071A	01	1	TT3	B1	14A		
04073		XA128	27		XA127	79				16B	9		AQ073A	01	AQ073A	00	1	TT3	B3	13B	AQ LEFT SHIFT 08	
00322		XA128	28										+5V	01				TT3				
03475		XA128	29		XA128	46				16B	9		AM1200	06	AQ082A	01	3	TT3	C2	14B		
04067		XA128	30		XA128	09				16B	9		AQ07BQ	03	AQ082A	01	2	TT3	C2	15A		
04087		XA128	31		XA127	72				16B	9		AQ082A	01	AQ082A	00	1	TT3	C2	15B	AQ RIGHT SHIFT 07	
07508		XA128	32										GND	02	GROUND			TT3		27A		
04099		XA128	33		XA127	01				16B	9		AQ09BQ	03	AQ083A	01	1	TT3	C3	16B		
03437		XA128	34		XA128	41				16B	9		AM10D0	06	AQ082A	01	1	TT3	C2	16A		
03709		XA128	35		XA128	47				16B	9		AM62DA	06	AQ083A	01	2	TT3	C3	17B		
04085		XA128	36		XA127	71				16B	9		AQ081A	01	AQ081A	00	1	TT3	C1	17A	BUS TO AQ REG. -	
03556		XA128	37		XA128	45				16B	9		AM30D0	06	AQ083A	01	3	TT3	C3	18B		
07511		XA128	38		XA150	11				16B	9		DB08A0	03	AQ081A	01	3	TT3	C1	18A		
04089		XA128	39		XA127	65				16B	9		AQ083A	01	AQ083A	00	1	TT3	C3	19B	AQ LEFT SHIFT 09	
03884		XA128	40		XA127	40				16B	9		AQ08B0	03	AQ081A	01	2	TT3	C1	19A		
03438		XA128	41		XA127	48				16B	9		AM10D0	07	AQ092A	01	3	TT3	D2	22B		
03673		XA128	42		XA128	52				16B	9		AM60DA	06	AQ081A	01	1	TT3	C1	20A		
04103		XA128	43		XA127	69				16B	9		AQ092A	01	AQ092A	00	1	TT3	D2	23B	AQ RIGHT SHIFT 08	
10935		XA128	44										GND	01	GROUND			TT3		40A		
03557		XA128	45		XA127	45				16B	9		AM30D0	07	AQ093A	01	1	TT3	D3	24B		
03476		XA128	46		XA127	46				16B	9		AM12D0	07	AQ092A	01	2	TT3	D2	21A		
03710		XA128	47		XA127	47				16B	9		AM62DA	07	AQ093A	01	2	TT3	D3	25B		
04083		XA128	48		XA128	21				16B	9		AQ08BQ	03	AQ092A	01	1	TT3	D2	22A		
04115		XA128	49		XA127	14				16B	9		AQ10BQ	03	AQ093A	01	3	TT3	D3	26B		
04101		XA128	50		XA127	76				16B	9		AQ091A	01	AQ091A	00	1	TT3	D1	23A	BUS TO AQ REG. -	
CONNECTOR XA128 CONTINUED ON THE NEXT PAGE ****																						

DRAWING NUMBER 149012-880 CONNECTOR UNIT ASSEMBLY NO. 149012 REV E INDEX XA128
 UNIT ASSEMBLY NAME CARD CAGE ASSY,CPU L.H. FILE IDENT T39B2CP1 DATE 09-03-82 PAGE 51

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											
04105		XA128	51		XA127	78		16B	9		AQ093A	01	AQ093A	00	1	TT3	D3	27B	27B	27B	27B
03674		XA128	52		XA127	54		16B	9		AM60DA	07	AQ091A	01	3	TT3	D1	24A	24A	24A	24A
03994		XA128	53					16B	9		AQ023A	02	AQ0290	01	3	TT3	E2	28B	28B	28B	28B
03883		XA128	54		XA128	40		16B	9		AQ0BDO	02	AQ091A	01	2	TT3	D1	25A	25A	25A	25A
03995		XA128	55		XA118	24		16B	9		AQ0290	01	AQ0290	00	1	TT3	E2	29B	29B	29B	29B
07544		XA128	56					16B	9		DB09A0	04	AQ091A	01	1	TT3	D1	26A	26A	26A	26A
0400B		XA128	57					16B	9		AQ032A	02	AQ0390	01	1	TT3	E3	30B	30B	30B	30B
10936		XA128	58					16B	9		GND	01	GROUND			TT3		40B	40B	40B	40B
04006		XA128	59					16B	9		AQ031A	02	AQ0390	01	2	TT3	E3	31B	31B	31B	31B
03992		XA128	60					16B	9		AQ022A	02	AQ0290	01	2	TT3	E2	28A	28A	28A	28A
04010		XA128	61					16B	9		AQ033A	02	AQ0390	01	3	TT3	E3	32B	32B	32B	32B
03990		XA128	62					16B	9		AQ021A	02	AQ0290	01	1	TT3	E2	29A	29A	29A	29A
04011		XA128	63		XA118	18		16B	9		AQ0390	01	AQ0390	00	1	TT3	E3	33B	33B	33B	33B
03979		XA128	64		XA118	05		16B	9		AQ0190	01	AQ0190	00	1	TT3	E1	30A	30A	30A	30A
04135		XA128	65		XA127	19		16B	9		AQ112A	01	AQ1190	01	3	TT3	F2	34B	34B	34B	34B
03976		XA128	66					16B	9		AQ012A	02	AQ0190	01	3	TT3	E1	31A	31A	31A	31A
10937		XA128	67					16B	9		GND	01	GROUND			TT3					
03974		XA128	68					16B	9		AQ011A	02	AQ0190	01	2	TT3	E1	32A	32A	32A	32A
04151		XA128	69		XA127	31		16B	9		AQ122A	01	AQ1290	01	1	TT3	F3	35A	35A	35A	35A
03978		XA128	70					16B	9		AQ013A	02	AQ0190	01	1	TT3	E1	33A	33A	33A	33A
04137		XA128	71		XA127	27		16B	9		AQ113A	01	AQ1190	01	1	TT3	F2	36A	36A	36A	36A
04133		XA128	72		XA127	20		16B	9		AQ111A	01	AQ1190	01	2	TT3	F2	34A	34A	34A	34A
04123		XA128	73		XA118	77		16B	9		AQ1090	01	AQ1090	00	1	TT3	F1	36B	36B	36B	36B
04139		XA128	74		XA118	71		16B	9		AQ1190	01	AQ1190	00	1	TT3	F2	35B	35B	35B	35B
04119		XA128	75		XA127	07		16B	9		AQ102A	01	AQ1090	01	3	TT3	F1	37B	37B	37B	37B
04145		XA128	76		XA127	36		16B	9		AQ121A	01	AQ1290	01	2	TT3	F3	37A	37A	37A	37A
04117		XA128	77		XA127	04		16B	9		AQ101A	01	AQ1090	01	2	TT3	F1	38B	38B	38B	38B
04153		XA128	78		XA127	39		16B	9		AQ123A	01	AQ1290	01	3	TT3	F3	38A	38A	38A	38A
04121		XA128	79		XA127	15		16B	9		AQ103A	01	AQ1090	01	1	TT3	F1	39B	39B	39B	39B
04155		XA128	80		XA117	08		16B	9		AQ1290	01	AQ1290	00	1	TT3	F3	39A	39A	39A	39A
03655		XA129	01		XA128	11		16B	9		AM62CA	01	AQ003A	01	2	TT3	A2	02B	02B	02B	02B
10938		XA129	02					16B	9		GND	01	GROUND			TT3		01B	01B	01B	01B
03542		XA129	03		XA128	13		16B	9		AM30C0	01	AQ003A	01	3	TT3	A2	02A	02A	02A	02A
03956		XA129	04					16B	9		AQ001A	02	AQ001A	00	1	TT3	A1	04A	04A	04A	04A
03971		XA129	05		XA118	07		16B	9		AQ01BQ	03	AQ003A	01	1	TT3	A2	03B	03B	03B	03B
07266		XA129	06					16B	9		DB0CA0	07	AQ001A	01	3	TT3	A1	05A	05A	05A	05A
03960		XA129	07					16B	9		AQ003A	02	AQ003A	00	1	TT3	A2	03A	03A	03A	03A
03879		XA129	08		XA128	08		16B	9		AQ0BDO	07	AQ001A	01	2	TT3	A1	06A	06A	06A	06A
04167		XA129	09		XA127	43		16B	9		AQ132A	01	AQ1390	01	1	TT3	A3	04B	04B	04B	04B
03660		XA129	10		XA129	22		16B	9		AM60CA	02	AQ001A	01	1	TT3	A1	07A	07A	07A	07A
04165		XA129	11		XA127	50		16B	9		AQ131A	01	AQ1390	01	2	TT3	A3	05B	05B	05B	05B
00323		XA129	12					16B	9		+5V	01				TT3					
04165		XA129	13		XA127	51		16B	9		AQ133A	01	AQ1390	01	3	TT3	A3	06B	06B	06B	06B
03939		XA129	14		XA245	56		16B	9		AQ00BQ	03	AQ012A	01	2	TT3	B2	09A	09A	09A	09A
04171		XA129	15		XA117	05		16B	9		AQ1390	01	AQ1390	00	1	TT3	A3	07B	07B	07B	07B
10935		XA129	16					16B	9		GND	01	GROUND			TT3		21B	21B	21B	21B
03464		XA129	17		XA129	29		16B	9		AM12C0	05	AQ012A	01	3	TT3	B2	08B	08B	08B	08B
03426		XA129	18		XA129	34		16B	9		AM10C0	05	AQ012A	01	1	TT3	B2	10A	10A	10A	10A
CONNECTOR (XA125) CONTINUED ON THE NEXT PAGE ****																					

DRAWING NUMBER 149012-880 CONNECTOR UNIT ASSEMBLY NO. 149012 REV E INDEX XA129
 UNIT ASSEMBLY NAME CARD CAGE ASSY,CPU L.H. FILE IDENT T39B2CP1 DATE 09-03-82 PAGE 52

RECORD NUMBER	FROM				TO				WIRE		SIGNAL	SEQ NO	EQUATION	TERM	FACTORY	CKT OR CHIP TYPE	GROUP	LOAD CP POWER PLANE	TEST POINTS ANCHOR	SIGNAL DESCRIPTION	ECO NO
	PREFIX	CONNECTOR	PIN	REF ID	PREFIX	CONNECTOR	PIN	REF ID	CODE	COLOR											
03975		XA129	19		XA128	66			16B	9		AQ012A	01	AQ012A	00	1	TT3	B2	09B	AQ RIGHT SHIFT 00	
03973		XA129	20		XA128	68			16B	9		AQ011A	01	AQ011A	00	1	TT3	B1	11A	BUS TO AQ REG. -	
03987		XA129	21		XA118	25			16B	9		AQ02BQ	03	AQ013A	01	1	TT3	B3	10B		
03661		XA129	22		XA128	26			16B	9		AM60CA	03	AQ011A	01	3	TT3	B1	12A		
03698		XA129	23		XA129	35			16B	9		AM62CA	04	AQ013A	01	2	TT3	B3	11B		
03878		XA129	24		XA129	08			16B	9		AQ0BC0	06	AQ011A	01	2	TT3	B1	13A		
03545		XA129	25		XA129	33			16B	9		AM30C0	04	AQ013A	01	3	TT3	B3	12B		
07296		XA129	26						16B	9		DB01A0	04	AQ011A	01	1	TT3	B1	14A		
03977		XA129	27		XA128	70			16B	9		AQ013A	01	AQ013A	00	1	TT3	B3	13B	AQ LEFT SHIFT 0?	
00324		XA129	28									+5V	01				TT3				
03465		XA129	29		XA129	41			16B	9		AM12C0	06	AQ022A	01	3	TT3	C2	14B		
03970		XA129	30		XA129	05			16B	9		AQ01BQ	02	AQ022A	01	2	TT3	C2	15A		
03991		XA129	31		XA128	60			16B	9		AQ022A	01	AQ022A	00	1	TT3	C2	15B	AQ RIGHT SHIFT 01	
10940		XA129	32									GND	01	GROUND			TT3		27A		
03546		XA129	33		XA129	45			16B	9		AM30C0	05	AQ023A	01	1	TT3	C3	16B		
03427		XA129	34		XA129	48			16B	9		AM10C0	06	AQ022A	01	1	TT3	C2	16A		
03699		XA129	35		XA129	47			16B	9		AM62CA	05	AQ023A	01	2	TT3	C3	17B		
03989		XA129	36		XA128	62			16B	9		AQ021A	01	AQ021A	00	1	TT3	C1	17A	BUS TO AQ REG. -	
04003		XA129	37		XA118	19			16B	9		AQ03BQ	03	AQ023A	01	3	TT3	C3	18B		
07326		XA129	38						16B	9		DB02A0	04	AQ021A	01	3	TT3	C1	18A		
03993		XA129	39		XA128	53			16B	9		AQ023A	01	AQ023A	00	1	TT3	C3	19B	AQ LEFT SHIFT 03	
03876		XA129	40		XA128	24			16B	9		AQ0BC0	04	AQ021A	01	2	TT3	C1	19A		
03466		XA129	41		XA129	53			16B	9		AM12C0	07	AQ032A	01	3	TT3	D2	22B		
03663		XA129	42		XA129	56			16B	9		AM60CA	05	AQ021A	01	1	TT3	C1	20A		
04007		XA129	43		XA128	57			16B	9		AQ032A	01	AQ032A	00	1	TT3	D2	23B	AQ RIGHT SHIFT 02	
10941		XA129	44									GND	01	GROUND			TT3		40A		
03547		XA129	45		XA129	57			16B	9		AM30C0	06	AQ033A	01	1	TT3	D3	24B		
03986		XA129	46		XA129	21			16B	9		AQ02BQ	02	AQ032A	01	2	TT3	D2	21A		
03700		XA129	47		XA129	59			16B	9		AM62CA	06	AQ033A	01	2	TT3	D3	25B		
03428		XA129	48		XA129	62			16B	9		AM10C0	07	AQ032A	01	1	TT3	D2	22A		
04019		XA129	49		XA118	37			16B	9		AQ04BQ	03	AQ033A	01	3	TT3	D3	26B		
04005		XA129	50		XA128	59			16B	9		AQ031A	01	AQ031A	00	1	TT3	D1	23A	BUS TO AQ REG. -	
04009		XA129	51		XA128	61			16B	9		AQ033A	01	AQ033A	00	1	TT3	D3	27B	AQ LEFT SHIFT 04	
07355		XA129	52		XA151	37			16B	9		DB03A0	03	AQ031A	01	3	TT3	D1	24A		
03467		XA129	53		XA129	71			16B	9		AM12C0	08	AQ042A	01	3	TT3	E2	28B		
03875		XA129	54		XA129	40			16B	9		AQ0BC0	03	AQ031A	01	2	TT3	D1	25A		
04023		XA129	55		XA127	66			16B	9		AQ042A	01	AQ042A	00	1	TT3	E2	29B	AQ RIGHT SHIFT 03	
03664		XA129	56		XA129	70			16B	9		AM60CA	06	AQ031A	01	1	TT3	D1	26A		
03548		XA129	57		XA129	69			16B	9		AM30C0	07	AQ043A	01	1	TT3	E3	30B		
07352		XA129	58									GND	02	GROUND			TT3		40B		
03701		XA129	59		XA129	76			16B	9		AM62CA	07	AQ043A	01	2	TT3	E3	31B		
04002		XA129	60		XA129	37			16B	9		AQ03BQ	02	AQ042A	01	2	TT3	E2	28A		
04034		XA129	61		XA128	03			16B	9		AQ05BQ	02	AQ043A	01	3	TT3	E3	32B		
03429		XA129	62		XA129	65			16B	9		AM10C0	08	AQ042A	01	1	TT3	E2	29A		
04025		XA129	63		XA127	70			16B	9		AQ043A	01	AQ043A	00	1	TT3	E3	33B	AQ LEFT SHIFT 05	
04021		XA129	64		XA127	68			16B	9		AQ041A	01	AQ041A	00	1	TT3	E1	30A	BUS TO AQ REG. -	
03430		XA129	65		XA114	38			16B	9		AM10C0	09	AQ052A	01	3	TT3	F2	34B		
07384		XA129	66						16B	9		DB04A0	04	AQ041A	01	3	TT3	E1	31A		
04046		XA129	67									GND		GROUND			TT3				
03874		XA129	68		XA129	54			16B	9		AQ0BC0	02	AQ041A	01	2	TT3	E1	32A		
CONNECTOR XA129 CONTINUED ON THE NEXT PAGE ****																					

DRAWING NUMBER 149012-880 CONNECTOR UNIT ASSEMBLY NO. 149012 REV E INDEX XA129
 UNIT ASSEMBLY NAME CARD CAGE ASSY,CPU L.H. FILE IDENT T39B2CP1 DATE 09-03-82 PAGE 53

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											
03549		XA129	69			XA113	52			168	9		AM30C0	08	AQ053A	01	1	TT3	F3		35A		
03665		XA129	70			XA129	77			168	9		AM60CA	07	AQ041A	01	1	TT3	E1		33A		
03468		XA129	71			XA114	52			168	9		AM12C0	09	AQ052A	01	1	TT3	F2		36A		
04018		XA129	72			XA129	49			168	9		AQ04BQ	02	AQ052A	01	2	TT3	F2		34A		
04037		XA129	73			XA127	60			168	9		AQ051A	01	AQ051A	00	1	TT3	F1		36B	BUS TO AQ REG. -	
04039		XA129	74			XA127	53			168	9		AQ052A	01	AQ052A	00	1	TT3	F2		35B	AQ RIGHT SHIFT 04	
03873		XA129	75			XA129	68			168	9		AQ051A	01	AQ051A	01	3	TT3	F1		37B		
03702		XA129	76			XA113	66			168	9		AM62CA	08	AQ053A	01	2	TT3	F3		37A		
03666		XA129	77			XA114	66			168	9		AM60CA	08	AQ051A	01	2	TT3	F1		38B		
04050		XA129	78			XA128	18			168	9		AQ06BQ	02	AQ053A	01	3	TT3	F3		38A		
07414		XA129	79							168	9		DB05A0	04	AQ051A	01	1	TT3	F1		39B		
04041		XA129	80			XA127	62			168	9		AQ053A	01	AQ053A	00	1	TT3	F3		39A	AQ LEFT SHIFT 06	
20608		XA130	01										SPO	01				TQ2	A2		02B		
10942		XA130	02										GND	01	GROUND			TQ2			01A		
17592		XA130	03			XA130	04			168	9		SPI002	01				TQ2	A3		02A		
17593		XA130	04			XA130	08			168	9		SPI002	02				TQ2	A2		04A		
17605		XA130	05			XA130	07			168	9		SPI003	03				TQ2	A2		03B		
20604		XA130	06										SPO	01		00	1	TQ2	A1		05A		
17606		XA130	07			XA130	10			168	9		SPI003	04				TQ2	A3		03A		
17594		XA130	08			XA130	11			168	9		SPI002	03				TQ2	A1		06A		
17732		XA130	09							9			SPO					TQ2	A3		04B		
17607		XA130	10			XA130	13			168	9		SPI003	05				TQ2	A1		07A		
17595		XA130	11			XA130	17			168	9		SPI002	04				TQ2	A4		05B		
00325		XA130	12										+5V	01				TQ2					
17608		XA130	13			XA130	19			168	9		SPI003	06				TQ2	A4		06B		
20622		XA130	14										SPO	01		00	1	TQ2	B2		09A		
20614		XA130	15										SPO	01		00	1	TQ2	A4		07B		
10943		XA130	16										GND	01	GROUND			TQ2			01B		
17596		XA130	17			XA130	18			168	9		SPI002	05				TQ2	B3		08B		
17597		XA130	18			XA130	23			168	9		SPI002	06				TQ2	B2		10A		
17609		XA130	19			XA130	20			168	9		SPI003	07				TQ2	B3		09B		
17610		XA130	20			XA130	25			168	9		SPI003	08				TQ2	B2		11A		
20624		XA130	21										SPO	01		00	1	TQ2	B3		10B		
20618		XA130	22										SPO	01		00	1	TQ2	B1		12A		
17598		XA130	23			XA130	24			168	9		SPI002	07				TQ2	B4		11B		
17599		XA130	24			XA131	55			168	9		SPI002	08				TQ2	B1		13A		
17611		XA130	25			XA130	26			168	9		SPI003	09				TQ2	B4		12B		
17612		XA130	26			XA135	35			168	9		SPI003	10				TQ2	B1		14A		
20626		XA130	27										SPO	01		00	1	TQ2	B4		13B		
00326		XA130	28										+5V	01				TQ2					
16267		XA130	29			XA130	34			168	9		SPA013	09	AMSNRO	01	1	TQ2	C3		14B		
03325		XA130	30							168	9		AMSNLO	03	AMSNLO	00	1	TQ2	C2		15A	SHIFT NORMAL LEFT	
03327		XA130	31			XA231	20			168	9		AMSNRA	02	AMSNRO	01	2	TQ2	C3		15B		
22623		XA130	32										GND		GROUND			TQ2			20B		
03334		XA130	33			XA235	71			168	9		AMSNRO	02	AMSNRO	00	1	TQ2	C3		16B	SHIFT NORMAL RIGH	
16268		XA130	34			XA130	40			168	9		SPA013	10	AMSNLO	01	2	TQ2	C2		16A		
17925		XA130	35			XA135	63			168	9		SPI050	01		01	1	TQ2	C4		17B		
03316		XA130	36			XA231	15			168	9		AMSNLA	02	AMSNLO	01	1	TQ2	C2		17A		
		CONNECTOR	XA130			CONTINUED ON	THE NEXT PAGE			****													

DRAWING NUMBER 149012-880 CONNECTOR UNIT ASSEMBLY NO. 149012 REV E INDEX XA130
 UNIT ASSEMBLY NAME CARD CAGE ASSY,CPU L.H. FILE IDENT T39B2CP1 DATE 09-03-82 PAGE 54

RECORD NUMBER	FROM			SH	TO			SH	WIRE			SPEC INST	SIGNAL	SEQ NO	EQUATION	TERM	FACTOR	CKT OR CHIP TYPE	GND	LOAD OR POWER PLANE	TEST POINTS AND/OR	SIGNAL DESCRIPTION	ECO NO
	PREFIX	CONNECTOR	PIN		PREFIX	CONNECTOR	PIN		SH	GROUP	CODE												
17927		XA130	37			XA135	66			16B	9		SPT051	01		01	2	TQ2	C4		18B		
03307		XA130	38							16B	9		AMSNC0	05	AMSNC0	00	1	TQ2	C1		18A	SHIFT AND COJNT D	
20583		XA130	39										SPO	01		00	1	TQ2	C4		19B		
16269		XA130	40							16B	9		SPA013	11	AMSNC0	01	2	TQ2	C1		19A		
16283		XA130	41			XA130	49			16B	9		SPA015	03	ADGR3A	01	1	TQ2	D3		22B		
03297		XA130	42			XA136	33			16B	9		AMSNC0	03	AMSNC0	01	1	TQ2	C1		20A		
16272		XA130	43			XA130	47			16B	9		SPA014	03	ADGR3A	01	2	TQ2	D3		23B		
10944		XA130	44										GND	01	GROUND			TQ2			21B		
02006		XA130	45							16B	9		ADGR3A	07	ADGR3A	00	1	TQ2	D3		24B	ADDER LOGICAL GRO	
01999		XA130	46							16B	9		ADGR2A	06	ADGR2A	00	1	TQ2	D2		21A	ADDER LOGICAL GRO	
16273		XA130	47			XA130	48			16B	9		SPA014	04	ADGR4A	01	1	TQ2	D4		25B		
16274		XA130	48			XA130	54			16B	9		SPA014	05	ADGR2A	01	2	TQ2	D2		22A		
16284		XA130	49			XA130	50			16B	9		SPA015	04	ADGR4A	01	2	TQ2	D4		26B		
16285		XA130	50			XA130	56			16B	9		SPA015	05	ADGR2A	01	1	TQ2	D2		23A		
02012		XA130	51							16B	9		ADGR4A	06	ADGR4A	00	1	TQ2	D4		27B	ADDER LOGICAL GRO	
01993		XA130	52							16B	9		ADGR1A	06	ADGR1A	00	1	TQ2	D1		24A	ADDER LOGICAL GRO	
03279		XA130	53			XA131	19			16B	9		AMRFTA	02	AMRFTA	01	1	TQ2	E3		28B		
16275		XA130	54			XA130	55			16B	9		SPA014	06	ADGR1A	01	2	TQ2	D1		25A		
16276		XA130	55			XA130	59			16B	9		SPA014	07	AMRFTA	01	2	TQ2	E3		29B		
16286		XA130	56			XA131	71			16B	9		SPA015	06	ADGR1A	01	1	TQ2	D1		26A		
03288		XA130	57			XA244	48			16B	9		AMRFTA	03	AMRFTA	00	1	TQ2	E3		30B	REFLECT DECODE -	
22624		XA130	58										GND		GROUND			TQ2			27A		
16277		XA130	59			XA130	62			16B	9		SPA014	08	AMSF0	01	1	TQ2	E4		31B		
03275		XA130	60			XA131	25			16B	9		AMNMZ0	02	AMNMZ0	00	1	TQ2	E2		28A	NORMALIZE DECODE	
03292		XA130	61							16B	9		AMSF0	03	AMSF0	01	2	TQ2	E4		32B		
16278		XA130	62			XA130	68			16B	9		SPA014	09	AMNMZ0	01	2	TQ2	E2		29A		
03294		XA130	63							16B	9		AMSF0	02	AMSF0	00	1	TQ2	E4		33B	SHIFT FULL ALGBC	
03267		XA130	64			XA130	70			16B	9		AMNMZA	02	AMNMZ0	01	1	TQ2	E2		30A		
04594		XA130	65			XA130	73			16B	9		AYCP20	02	AYCP4A	01	1	TQ2	F3		34B		
03265		XA130	66							16B	9		AMNLZ0	02	AMNLZ0	00	1	TQ2	E1		31A	NORMALIZE DECODE	
22625		XA130	67										GND		GROUND			TQ2			40A		
16279		XA130	68			XA130	79			16B	9		SPA014	10	AMNLZ0	01	2	TQ2	E1		32A		
04601		XA130	69							16B	9		AYCP4A	02	AYCP4A	00	1	TQ2	F3		35A	AY 30 - 31 CLOCK	
03268		XA130	70			XA231	04			16B	9		AMNMZA	03	AMNLZ0	01	1	TQ2	E1		33A		
04617		XA130	71							16B	9		AYCP8A	03	AYCP3A	01	2	TQ2	F2		36A		
04599		XA130	72							16B	9		AYCP3A	03	AYCP3A	00	1	TQ2	F2		34A	AY 02 - 15 CLOCK	
04595		XA130	73			XA130	77			16B	9		AYCP20	03	AYCP3A	01	1	TQ2	F2		36B		
04612		XA130	74							16B	9		AYCP6A	04	AYCP4A	01	2	TQ2	F3		35B		
04592		XA130	75							16B	9		AYCP2A	03	AYCP2A	00	1	TQ2	F1		37B	AY 16 - 29 CLOCK	
04748		XA130	76							16B	9		AYK7C0	08	AYCP7A	01	1	TQ2	F4		37A		
04596		XA130	77							16B	9		AYCP20	04	AYCP2A	01	2	TQ2	F1		38B		
04708		XA130	78							16B	9		AYK2C0	06	AYCP7A	01	2	TQ2	F4		38A		
16280		XA130	79							16B	9		SPA014	11	AYCP2A	01	1	TQ2	F1		39B		
04614		XA130	80							16B	9		AYCP7A	02	AYCP7A	00	1	TQ2	F4		39A	AY 02 - 31 CLOCK	
03853		XA131	01							16B	9		AQC63A	03	AQC62A	01	3	T04	A2		02B		
10947		XA131	02										GND	01	GRCUND			T04			01A		
08844		XA131	03										DNW	01				T04					
06555		XA131	04			XA131	18			16B	9		CQA0CA	03	AQC62A	01	1	T04	A2		04A		
CONNECTOR	XA131	CONTINUED ON THE NEXT PAGE ****																					

DRAWING NUMBER 149012 880 CONNECTOR
UNIT ASSEMBLY NAME CARD CAGE ASSY, CPU L.H.

UNIT ASSEMBLY NO. 149012
FILE IDENT T39B2CP1

REV E INDEX XA131
DATE 09-03-82 PAGE 55

DRAWING NUMBER 149012 880 CONNECTOR
UNIT ASSEMBLY NAME CARD CAGE ASSY, CPU L.H.

UNIT ASSEMBLY NO. 149012
FILE IDENT T39B2CP1

REV E INDEX XA131
DATE 09-03-82 PAGE 56

DRAWING NUMBER 149012 880 CONNECTOR UNIT ASSEMBLY NO. 149012 REV E INDEX XA132
 UNIT ASSEMBLY NAME CARD CAGE ASSY, CPU L.H. FILE IDENT T39B2CP1 DATE 09-03-82 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	SH FTG	PREFIX	CONNECTOR	PIN	SH FTG	MULTI GROUP	CODE	COLOR	IDENT											
03961		XA132	23			XA131	42			16B	9		AQ004A	01	AQ004A	00	1	TS8	B1		11B		
04482		XA132	24			XA114	27			16B	9		AQ31C0	02	AQ004A	01	2	TS8	B1		13A	AQ 31 TO AQ 00	
06576		XA132	25							16B	9		CQA1C0	04	AQ004A	01	8	TS8	B1		12B		
05478		XA132	26			XA113	23			16B	9		AY25C0	03	AQ004A	01	1	TS8	B1		14A		
08861		XA132	27										DNW	01				TS8					
00330		XA132	28										+5V	01				TS8					
08862		XA132	29										DNW	01				TS8					
05477		XA132	30			XA132	26			16B	9		AY25C0	02	AQ164A	01	6	TS8	C1		15A		
04481		XA132	31			XA132	24			16B	9		AQ31C0	01	AQ164A	01	7	TS8	C1		15B		
10951		XA132	32										GND	01	GROUND			TS8			27A		
08863		XA132	33										DNW	01				TS8					
16326		XA132	34			XA135	45			16B	9		SPA019	02	AQ164A	01	5	TS8	C1		16A		
04231		XA132	35			XA122	26			16B	9		AQ164A	01	AQ164A	00	1	TS8	C1		17B	AQ 31 TO AQ 16	
16305		XA132	36			XA135	46			16B	9		SPA017	03	AQ164A	01	4	TS8	C1		17A		
06683		XA132	37							16B	9		CQB5C0	03	AQ164A	01	8	TS8	C1		18B		
16316		XA132	38			XA132	66			16B	9		SPA018	03	AQ164A	01	3	TS8	C1		18A		
08864		XA132	39										DNW	01				TS8					
03479		XA132	40			XA131	54			16B	9		AML2E0	01	AQ164A	01	2	TS8	C1		19A		
08865		XA132	41										DNW	01				TS8					
03441		XA132	42			XA131	52			16B	9		AML0E0	01	AQ164A	01	1	TS8	C1		20A		
03922		XA132	43			XA113	21			16B	9		AQLS4A	01	AQ314A	01	7	TS8	D1		23B		
10952		XA132	44										GND	01	GROUND			TS8			40A		
08866		XA132	45										DNW	01				TS8					
03918		XA132	46			XA113	14			16B	9		AQLS2A	01	AQ314A	01	6	TS8	D1		21A		
04488		XA132	47			XA131	30			16B	9		AQ314A	01	AQ314A	00	1	TS8	D1		25B	AQ 31 LEFT SHIFT	
05986		XA132	48							16B	9		CMB1BP	03	AQ314A	01	5	TS8	D1		22A		
03926		XA132	49			XA114	22			16B	9		AQLS50	01	AQ314A	01	8	TS8	D1		26B		
03920		XA132	50			XA131	21			16B	9		AQLS3A	01	AQ314A	01	4	TS8	D1		23A		
08867		XA132	51										DNW	01				TS8					
03722		XA132	52			XA132	62			16B	9		AM62FA	01	AQ314A	01	3	TS8	D1		24A		
08868		XA132	53										DNW	01				TS8					
03916		XA132	54			XA115	43			16B	9		AQLS1A	01	AQ314A	01	2	TS8	D1		25A		
03571		XA132	55			XA123	57			16B	9		AM30F0	02	AQ317A	01	7	TS8	E1		29B		
03570		XA132	56			XA132	55			16B	9		AM30F0	01	AQ314A	01	1	TS8	D1		26A		
08869		XA132	57										DNW	01				TS8					
10953		XA132	58										GND	01	GROUND			TS8					
04494		XA132	59			XA131	34			16B	9		AQ317A	01	AQ317A	00	1	TS8	E1		31B	DVD QTNT BIT TO A	
04490		XA132	60			XA113	30			16B	9		AQ315A	01	AQ317A	01	6	TS8	E1		28A		
04492		XA132	61			XA113	33			16B	9		AQ316A	01	AQ317A	01	8	TS8	E1		32B		
03723		XA132	62			XA123	59			16B	9		AM62FA	02	AQ317A	01	5	TS8	E1		29A		
18577		XA132	63										SPP	01				TS8					
05990		XA132	64							16B	9		CMB1BQ	04	AQ317A	01	4	TS8	E1		30A		
18578		XA132	65										SPP	01				TS8					
16317		XA132	66			XA135	41			16B	9		SPA018	04	AQ317A	01	3	TS8	E1		31A		
10954		XA132	67										GND	01	GROUND			TS8					
16337		XA132	68			XA135	47			16B	9		SPA020	02	AQ317A	01	2	TS8	E1		32A		
08870		XA132	69										DNW	01				TS8					
06618		XA132	70							16B	9		CQA3D0	05	AQ317A	01	1	TS8	E1		33A		
05600		XA132	71							16B	9		AY312A	02	AY3190	01	5	TS8	F1		36A		
05602		XA132	72							16B	9		AY314A	02	AY3190	01	6	TS8	F1		34A		
CONNECTOR		XA132	CONTINUED ON THE NEXT PAGE ****																				

DRAWING NUMBER 149012 880 CONNECTOR UNIT ASSEMBLY NO. 149012 REV E INDEX XA132
 UNIT ASSEMBLY NAME CARD CAGE ASSY, CPU L.H. FILE IDENT T39B2CP1 DATE 09-03-82 PAGE 58

RECORD NUMBER	FROM				TO				WIRE				SIGNAL	SEQ NO	EQUATION	TERM	FACTOR	CKT OR CHIP TYPE	GRAM	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											
05598		XA132	73							16B	9		AY311A	02	AY3190	01	4	TS8	F1		36B		
16289		XA132	74		XA136	19				16B	9		SPA015	09	AY3190	01	7	TS8	F1		35B		
05604		XA132	75							16B	9		AY317A	02	AY3190	01	3	TS8	F1		37B		
05608		XA132	76							16B	9		AY3190	02	AY3190	00	1	TS8	F1		37A	AY 31 DATA INPUT	
05606		XA132	77							16B	9		AY318A	02	AY3190	01	2	TS8	F1		38B		
16348		XA132	78		XA135	48				16B	9		SPA021	02	AY3190	01	8	TS8	F1		38A		
16358		XA132	79		XA135	52				16B	9		SPA022	01	AY3190	01	1	TS8	F1		39B		
08871		XA132	80										DNW	01				TS8					
18579		XA133	01										SPP	01									
10955		XA133	02										GND	01	GROUND								
18580		XA133	03										SPP	01									
18581		XA133	04										SPP	01									
18582		XA133	05										SPP	01									
18583		XA133	06										SPP	01									
18584		XA133	07										SPP	01									
18585		XA133	08										SPP	01									
18586		XA133	09										SPP	01									
18587		XA133	10										SPP	01									
18588		XA133	11										SPP	01									
00331		XA133	12										+5V	01									
18589		XA133	13										SPP	01									
18590		XA133	14										SPP	01									
18591		XA133	15										SPP	01									
10956		XA133	16										GND	01	GROUND								
18592		XA133	17										SPP	01									
18593		XA133	18										SPP	01									
18594		XA133	19										SPP	01									
18595		XA133	20										SPP	01									
18596		XA133	21										SPP	01									
18597		XA133	22										SPP	01									
18598		XA133	23										SPP	01									
18599		XA133	24										SPP	01									
18600		XA133	25										SPP	01									
18601		XA133	26										SPP	01									
18602		XA133	27										SPP	01									
00332		XA133	28										+5V	01									
18603		XA133	29										SPP	01									
18604		XA133	30										SPP	01									
18605		XA133	31										SPP	01									
10957		XA133	32										GND	01	GROUND								
18606		XA133	33										SPP	01									
18607		XA133	34										SPP	01									
18608		XA133	35										SPP	01									
18609		XA133	36										SPP	01									
18610		XA133	37										SPP	01									
18611		XA133	38										SPP	01									
18612		XA133	39										SPP	01									
18613		XA133	40										SPP	01									
CONNECTOR (XA133) CONTINUED ON THE NEXT PAGE ****																							

DRAWING NUMBER 149012 880 CONNECTOR UNIT ASSEMBLY NO. 149012 REV E INDEX XA133
 UNIT ASSEMBLY NAME CARD CAGE ASSY, CPU L.H. FILE IDENT T39B2CP1 DATE 09-03-82 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	DR 12	PREFIX	CONNECTOR	PIN	DR 12	MULTI GROUP	CODE	COLOR	IDENT												SPEC INSC
18614		XA133	41										SPP	01										
18615		XA133	42										SPP	01										
18616		XA133	43										SPP	01										
10956		XA133	44										GND	01	GROUND									
18617		XA133	45										SPP	01										
18618		XA133	46										SPP	01										
18619		XA133	47										SPP	01										
18620		XA133	48										SPP	01										
18621		XA133	49										SPP	01										
18622		XA133	50										SPP	01										
18623		XA133	51										SPP	01										
18624		XA133	52										SPP	01										
18625		XA133	53										SPP	01										
18626		XA133	54										SPP	01										
18627		XA133	55										SPP	01										
18628		XA133	56										SPP	01										
18629		XA133	57										SPP	01										
10959		XA133	58										GND	01	GROUND									
18630		XA133	59										SPP	01										
18631		XA133	60										SPP	01										
18632		XA133	61										SPP	01										
18633		XA133	62										SPP	01										
18634		XA133	63										SPP	01										
18635		XA133	64										SPP	01										
18636		XA133	65										SPP	01										
18637		XA133	66										SPP	01										
10960		XA133	67										GND	01	GROUND									
18638		XA133	68										SPP	01										
18639		XA133	69										SPP	01										
18640		XA133	70										SPP	01										
18641		XA133	71										SPP	01										
18642		XA133	72										SPP	01										
18643		XA133	73										SPP	01										
18644		XA133	74										SPP	01										
18645		XA133	75										SPP	01										
18646		XA133	76										SPP	01										
18647		XA133	77										SPP	01										
18648		XA133	78										SPP	01										
18649		XA133	79										SPP	01										
18650		XA133	80										SPP	01										
18651		XA134	01										SPP	01										
10961		XA134	02										GND	01	GROUND									
18652		XA134	03										SPP	01										
18653		XA134	04										SPP	01										
18654		XA134	05										SPP	01										
18655		XA134	06										SPP	01										
18656		XA134	07										SPP	01										
18657		XA134	08										SPP	01										
CONNECTOR		XA134	CONTINUED ON THE NEXT PAGE ****																					

DRAWING NUMBER 149012 880 CONNECTOR UNIT ASSEMBLY NO. 149012 REV E INDEX XA134
 UNIT ASSEMBLY NAME CARD CAGE ASSY, CPU L.H. FILE IDENT T39B2CP1 DATE 09-03-82 PAGE 60

RECORD NUMBER	FROM				TO				WIRE				SFC INST MISC	SIGNAL	SEQ NO	EQUATION	TERM	FACTOR	CKT OR CHIP TYPE	GROUP	LOAD CP 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												
18658		XA134	09										SPP	01										
18659		XA134	10										SPP	01										
18660		XA134	11										SPP	01										
00333		XA134	12										+5V	01										
18661		XA134	13										SPP	01										
18662		XA134	14										SPP	01										
18663		XA134	15										SPP	01										
10962		XA134	16										GND	01	GROUND									
18664		XA134	17										SPP	01										
18665		XA134	18										SPP	01										
18666		XA134	19										SPP	01										
18667		XA134	20										SPP	01										
18668		XA134	21										SPP	01										
18669		XA134	22										SPP	01										
18670		XA134	23										SPP	01										
18671		XA134	24										SPP	01										
18672		XA134	25										SPP	01										
18673		XA134	26										SPP	01										
18674		XA134	27										SPP	01										
00334		XA134	28										+5V	01										
18675		XA134	29										SPP	01										
18676		XA134	30										SPP	01										
18677		XA134	31										SPP	01										
10963		XA134	32										GND	01	GROUND									
18678		XA134	33										SPP	01										
18679		XA134	34										SPP	01										
18680		XA134	35										SPP	01										
18681		XA134	36										SPP	01										
18682		XA134	37										SPP	01										
18683		XA134	38										SPP	01										
18684		XA134	39										SPP	01										
18685		XA134	40										SPP	01										
18686		XA134	41										SPP	01										
18687		XA134	42										SPP	01										
18688		XA134	43										SPP	01										
10964		XA134	44										GND	01	GROUND									
18689		XA134	45										SPP	01										
18690		XA134	46										SPP	01										
18691		XA134	47										SPP	01										
18692		XA134	48										SPP	01										
18693		XA134	49										SPP	01										
18694		XA134	50										SPP	01										
18695		XA134	51										SPP	01										
18696		XA134	52										SPP	01										
18697		XA134	53										SPP	01										
18698		XA134	54										SPP	01										
18699		XA134	55										SPP	01										
18700		XA134	56										SPP	01										
18701		XA134	57										SPP	01										
10965		XA134	58										GND	01	GROUND									
CONNECTOR		XA134	CONTINUED ON THE NEXT PAGE ****																					

DRAWING NUMBER 149012 880 CONNECTOR
 UNIT ASSEMBLY NAME CARD CAGE ASSY, CPU L.H.

UNIT ASSEMBLY NO. 149012
 FILE IDENT T39B2CP1

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RECORD NUMBER	FROM			SH FG	TO			SH FG	WIRE				SPP TEST MESS	SIGNAL	SEQ NO	EQUATION	TERM	FACTOR	CKT OR CHIP TYPE	GROUP	LOAD OR POWER PL INE	TEST POINTS		SIGNAL DESCRIPTION	ECO NO
	PREFIX	CONNECTOR	PIN		PREFIX	CONNECTOR	PIN		MULTI GROUP	CODE	COLOR	IDENT										AND	OR		
18702		XA134	55										SPP	01											
18703		XA134	60										SPP	01											
18704		XA134	61										SPP	01											
18705		XA134	62										SPP	01											
18706		XA134	63										SPP	01											
18707		XA134	64										SPP	01											
18708		XA134	65										SPP	01											
18709		XA134	66										SPP	01											
10966		XA134	67										SPP	01											
18710		XA134	68										GND	01	GROUND										
18711		XA134	69										SPP	01											
18712		XA134	70										SPP	01											
18713		XA134	71										SPP	01											
18714		XA134	72										SPP	01											
18715		XA134	73										SPP	01											
18716		XA134	74										SPP	01											
18717		XA134	75										SPP	01											
18718		XA134	76										SPP	01											
18719		XA134	77										SPP	01											
18720		XA134	78										SPP	01											
18721		XA134	79										SPP	01											
18722		XA134	80										SPP	01											
08872		XA135	01										DNW	01											
10967		XA135	02										GND	01	GROUND				RR1						
23317		XA135	02			XA107	44			ZA	1ED	0							RR1						
00026		XA135	03			XA107	39			ZA	1ED	2							RR1					A01	
00027		XA135	04									16B	9						RR1	AP				A01	
20589		XA135	05																RR1	A1					
20590		XA135	06																RR1	A2					
20592		XA135	07																RR1	A3					
20594		XA135	08																RR1	A4					
20596		XA135	09																RR1	A5					
20598		XA135	10																RR1	A6					
08873		XA135	11																RR1						
08874		XA135	12																RR1						
00028		XA135	13			XA135	03					16B	9						RR1	BP					
00029		XA135	14																RR1	BP					
12700		XA135	15																RR1					B02	
10968		XA135	16																RR1					C05	
20600		XA135	17																RR1					C05	
20602		XA135	18																RR1	B1					
20605		XA135	19																RR1	B2					
20606		XA135	20																RR1	B3					
00030		XA135	21			XA135	13					16B	9						RR1	B4					
00031		XA135	22																RR1	CP					
20615		XA135	23																RR1	C1				B02	
20609		XA135	24																RR1	B5					
20619		XA135	25																RR1	C2					
CONNECTOR (XA135) CONTINUED ON THE NEXT PAGE ****																									

DRAWING NUMBER 149012 880 CONNECTOR
 UNIT ASSEMBLY NAME CARD CAGE ASSY, CPU L.H.

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UNIT ASSEMBLY NAME CARD CAGE ASSY, CPU L.H.

RECORD NUMBER	FROM			SH PG	TO			SH PG	WIRE				SPEC INST MISC	SIGNAL	SEQ NO	EQUATION	TERM	FACTOR	CKT OR CHIP TYPE	GHOM	LOAD OR POWER PLANE	TEST POINTS AND OR	SIGNAL DESCRIPTION	ECO NO
	PREFIX	CONNECTOR	PIN		PREFIX	CONNECTOR	PIN		MULTI GROUP	CODE	COLOR	IDENT												
20610		XA135	26										SPR	01										
12701		XA135	27										DNW	01										
08875		XA135	28										DNW	01									KEYWAY	C05
20623		XA135	29										SPR	02									KEYWAY	C05
20625		XA135	30										SPR	02										
08876		XA135	31										DNW	01										
10969		XA135	32										GND	01	GROUND									
00032		XA135	33		XA135	21				16B	9		+5RE1B	030										
00033		XA135	34							16B	9		SPF										+5RE1B	B02
17613		XA135	35							16B	9		SPI003	11										
17601		XA135	36		XA136	13				16B	9		SPI002	10										
17616		XA135	37		XA136	01				16B	9		SPI004	03										
20627		XA135	38										SPR	02										
17628		XA135	39		XA136	04				16B	9		SPI005	06										
17641		XA135	40		XA136	05				16B	9		SPI006	08										
16318		XA135	41		XA137	53				16B	9		SPA018	05										
16294		XA135	42		XA137	03				16B	9		SPA016	03										
08877		XA135	43										DNW	01										
10970		XA135	44										GND	01	GROUND									
16327		XA135	45		XA137	66				16B	9		SPA019	03										
16306		XA135	46		XA137	04				16B	9		SPA017	04										
16338		XA135	47		XA138	39				16B	9		SPA020	03										
16349		XA135	48		XA138	52				16B	9		SPA021	03										
00034		XA135	49		XA135	33				16B	9		+5RE1B	029										
00035		XA135	50										SPF										+5RE1B	B02
16380		XA135	51		XA140	29				16B	9		SPA024	01										
16359		XA135	52		XA139	17				16B	9		SPA022	02										
16391		XA135	53		XA141	17				16B	9		SPA025	01										
16369		XA135	54		XA139	36				16B	9		SPA023	01										
16402		XA135	55		XA142	29				16B	9		SPA026	01										
16413		XA135	56		XA142	64				16B	9		SPA027	01										
08878		XA135	57										DNW	01										
10971		XA135	58										GND	01	GROUND									
00036		XA135	59		XA135	49				16B	9		+5RE1B	028										
00037		XA135	60										SPF										+5RE1B	B02
20485		XA135	61										SPR	01										
16549		XA135	62		XA142	59				16B	9		SPA041	01										
17926		XA135	63							16B	9		SPI050	02										
16554		XA135	64		XA143	24				16B	9		SPA042	01										
17530		XA135	65		XA137	52				16B	9		SPA132	01										
17928		XA135	66							16B	9		SPI051	02										
10972		XA135	67										GND	01	GROUND									
08879		XA135	68										DNW	01										
00038		XA135	69		XA135	59				16B	9		+5RE1B	027										
00039		XA135	70										SPF										+5RE1B	B02
20490		XA135	71										SPR	01										
20491		XA135	72										SPR	01										
20492		XA135	73										SPR	01										
20493		XA135	74										SPR	01										
20494		XA135	75										SPR	01										
CONNECTOR XA135 CONTINUED ON THE NEXT PAGE ****																								

DRAWING NUMBER 149012 880 CONNECTOR UNIT ASSEMBLY NO. 149012 REV E INDEX XA135
 UNIT ASSEMBLY NAME CARD CAGE ASSY, CPU L.H. FILE IDENT T39B2CP1 DATE 09-03-82 PAGE 63

RECORD NUMBER	FROM			SHFTS	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	SHFTS	MULTI GROUP	CODE												
20495		XA135	76									SPR	01				RR1	H4				
20496		XA135	77									SPR	01				RR1	H5				
20497		XA135	78									SPR	01				RR1	H6				
00040		XA135	79		XA135	69			16B	9		+5RE1B	026				RR1	HP				
00041		XA135	80						16B	9		+5REI2	02				RR1	HP				
17617		XA136	01		XA136	06			16B	9		SPI004	04				TD4	A2		02B		
10973		XA136	02									GND	01	GROUND			TD4			01A		
08880		XA136	03									DNW	01				TD4					
17629		XA136	04		XA136	08			16B	9		SPI005	07				TD4	A2		04A		
17642		XA136	05		XA136	10			16B	9		SPI006	09				TD4	A2		03B		
17618		XA136	06		XA137	65			16B	9		SPI004	05				TD4	A1		05A		
17664		XA136	07						16B	9		SPI008	11				TD4	A2		03A		
17630		XA136	08		XA137	71			16B	9		SPI005	08				TD4	A1		06A		
20611		XA136	09									SPO	02		00 1		TD4	A2		04B		
17643		XA136	10						16B	9		SPI006	10				TD4	A1		07A		
20607		XA136	11									SPO	02		00 1		TD4	A1		05B		
00335		XA136	12									+5V	01				TD4					
17602		XA136	13						16B	9		SPI002	11				TD4	A1		06B		
04791		XA136	14						16B	9		AYMKCA	04	AYDBCA	01 3		TD4	B2		09A		
08881		XA136	15									DNW	01				TD4					
10974		XA136	16									GND	01	GROUND			TD4			20B		
08882		XA136	17									DNW	01				TD4					
05951		XA136	18						16B	9		CMAB8Q	04	AYDBCA	01 2	TD4	B2			10A		
16290		XA136	19		XA136	22			16B	9		SPA015	10	AYDBCA	01 4	TD4	B2			09B		
05902		XA136	20		XA140	26			16B	9		CMA58P	03	AYDBCA	01 1	TD4	B2			11A		
04622		XA136	21						16B	9		AYDBCA	05	AYDBCA	00 1	TD4	B2			10B		DB TO AY 00 - 31
16291		XA136	22						16B	9		SPA015	11	AYCP20	01 3	TD4	B1			12A		
04593		XA136	23						16B	9		AYCP20	01	AYCP20	00 1	TD4	B1			11B		AY PARTIAL CLOCK
04609		XA136	24		XA140	69			16B	9		AYCP6A	01	AYCP20	01 2	TD4	B1			13A		
04613		XA136	25		XA130	80			16B	9		AYCP7A	01	AYCP20	01 4	TD4	B1			12B		
04615		XA136	26		XA140	80			16B	9		AYCP8A	01	AYCP20	01 1	TD4	B1			14A		
08883		XA136	27									DNW	01				TD4					
00336		XA136	28									+5V	01				TD4					
08884		XA136	29									DNW	01				TD4					
05393		XA136	30		XA137	09			16B	9		AY22BP	05	AMSNCA	01 3	TD4	C2			15A		
06600		XA136	31						16B	9		CQA2D0	07	AMSNCA	01 4	TD4	C2			15B		
10975		XA136	32									GND	01	GROUND			TD4			21B		
03298		XA136	33						16B	9		AMSNCA	04	AMSNCA	00 1	TD4	C2			16B		SHIFT AND COUNT D
05433		XA136	34		XA137	25			16B	9		AY23BQ	06	AMSNCA	01 2	TD4	C2			16A		
03281		XA136	35						16B	9		AMRFTA	04	AMRFTA	00 1	TD4	C1			17B		REFLECT DECODE -
05374		XA136	36		XA136	40			16B	9		AY21BQ	05	AMSNCA	01 1	TD4	C2			17A		
06599		XA136	37		XA136	31			16B	9		CQA2D0	06	AMRFTA	01 4	TD4	C1			18B		
05432		XA136	38		XA136	34			16B	9		AY23BQ	05	AMRFTA	01 3	TD4	C1			18A		
08885		XA136	39									DNW	01				TD4					
05375		XA136	40		XA146	62			16B	9		AY21BQ	06	AMRFTA	01 2	TD4	C1			19A		
08886		XA136	41									DNW	01				TD4					
05399		XA136	42		XA137	07			16B	9		AY22BQ	05	AMRFTA	01 1	TD4	C1			20A		
04602		XA136	43		XA136	52			16B	9		AYCP5A	01	AYCPJA	01 4	TD4	D2			23B		
CONNECTOR (XA136) CONTINUED ON THE NEXT PAGE ****																						

DRAWING NUMBER 149012 880 CONNECTOR UNIT ASSEMBLY NO. 149012 REV E INDEX XA136
 UNIT ASSEMBLY NAME CARD CAGE ASSY, CPU L.H. FILE IDENT T39B2CP1 DATE 09-03-82 PAGE 64

RECORD NUMBER	FROM			SHEETS	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												
10976		XA136	44									GND	01	GROUND									
04570		XA136	45		XA136	47			16B	9		P	AYCPJA	09	AYCPGB	02	1	TD4	D2		27A		
04579		XA136	45		XA136	54			16B	9		J	AYCPJA	01	AYCPJA	00	1	TD4	D2		24B	AY 16 - 29 CLOCK	
05759		XA136	46		XA136	54			16B	9			CLOCKB	13	AYCPJA	01	3	TD4	D2		21A	AYCPGB BUSS	
04571		XA136	47		XA138	60			16B	9		P	AYCPHA	10	AYCPGB	00	1	TD4	D1		25B	AY 16 - 29 CLOCK	
04578		XA136	47		XA136	47						J	AYCPHA	01	AYCPHA	00	1	TD4	D1		25B	AYCPGB BUSS	
04590		XA136	48		XA136	56			16B	9			AYCP2A	01	AYCPJA	01	2	TD4	D2		22A		
04584		XA136	49		XA136	64			16B	9			AYCP1A	02	AYCPHA	01	4	TD4	D1		26B		
04583		XA136	50		XA136	49			16B	9			AYCP1A	01	AYCPJA	01	1	TD4	D2		23A		
08887		XA136	51										DNW	01									
04603		XA136	52		XA136	62			16B	9			AYCP5A	02	AYCPHA	01	3	TD4	D1		24A		
08888		XA136	53										DNW	01									
05760		XA136	54		XA136	60			16B	9			CLOCKB	14	AYCPHA	01	2	TD4	D1		25A		
04597		XA136	55		XA136	66			16B	9			AYCP3A	01	AYCPFA	01	4	TD4	E2		29B		
04591		XA136	56		XA130	75			16B	9			AYCP2A	02	AYCPHA	01	1	TD4	D1		28A		
04545		XA136	57		XA138	01			16B	9		P	AYCPFA	02	AYCPDB	02	1	TD4	E2		30B	AY 02 - 15 CLOCK	
04561		XA136	57									J	AYCPFA	01	AYCPFA	00	1	TD4	E2		30B	AYCPDB BUSS	
10977		XA136	58										GND	01	GROUND						40A		
04544		XA136	59		XA136	57			16B	9		P	AYCPEA	01	AYCPDB	01	1	TD4	E1		31B	AY 02 - 15 CLOCK	
04560		XA136	59		XA136	59						J	AYCPEA	01	AYCPEA	00	1	TD4	E1		31B	AYCPDB BUSS	
05761		XA136	60		XA136	68			16B	9			CLOCKB	15	AYCPFA	01	3	TD4	E2		28A		
04605		XA136	61		XA136	74			16B	9			AYCP5A	04	AYCPEA	01	4	TD4	E1		32R		
04604		XA136	62		XA136	61			16B	9			AYCP5A	03	AYCPFA	01	2	TD4	E2		29A		
08889		XA136	63										DNW	01									
04585		XA136	64		XA136	70			16B	9			AYCP1A	03	AYCPFA	01	1	TD4	E2		30A		
08890		XA136	65										DNW	01									
04598		XA136	66		XA130	72			16B	9			AYCP3A	02	AYCPEA	01	3	TD4	E1		31A		
10978		XA136	67										GND	01	GROUND						40B		
05762		XA136	68		XA136	71			16B	9			CLOCKB	16	AYCPEA	01	2	TD4	E1		32A		
04581		XA136	69		XA137	60			16B	9			AYCPKA	02	AYCPKA	00	1	TD4	F2		35A	AY 30 - 31 CLOCK	
04586		XA136	70		XA136	73			16B	9			AYCP1A	04	AYCPEA	01	1	TD4	E1		33A		
05763		XA136	71		XA136	79			16B	9			CLOCKB	17	AYCPKA	01	2	TD4	F2		36A		
04600		XA136	72		XA130	69			16B	9			AYCP4A	01	AYCPKA	01	3	TD4	F2		34A		
04587		XA136	73		XA136	77			16B	9			AYCP1A	05	AYCPKA	01	1	TD4	F2		36B		
04606		XA136	74		XA136	78			16B	9			AYCP5A	05	AYCPKA	01	4	TD4	F2		35B		
04611		XA136	75		XA130	74			16B	9			AYCP6A	03	AYCPKA	01	3	TD4	F1		37B		
04543		XA136	76						16B	9			AYCPCA	04	AYCPKA	00	1	TD4	F1		37A	AY SE - 01 CLOCK	
04588		XA136	77		XA131	76			16B	9			AYCP1A	06	AYCPKA	01	2	TD4	F1		38B		
04607		XA136	78		XA131	69			16B	9			AYCP5A	06	AYCPKA	01	4	TD4	F1		38A		
05764		XA136	79		XA235	37			16B	9			CLOCKB	18	AYCPKA	01	1	TD4	F1		39B		
08891		XA136	80										DNW	01									
04562		XA137	01		XA137	10			16B	9			AYCPGB	01	AY22BN	01	1	TDD	BN		02B	AY 16 - 29 CLOCK	
10979		XA137	02										GND	01	GROUND						01B		
16295		XA137	03		XA137	15			16B	9			SPA016	04	AY22BQ	01	1	TDD	BQ		02A		
16307		XA137	04		XA137	06			16B	9			SPA017	05	AY22BP	01	1	TDD	BP		04A		
05422		XA137	05						16B	9			AY2290	02	AY22BI	01	1	TDD	BI		03B		
16308		XA137	06		XA137	20			16B	9			SPA017	06	AY21BP	01	1	TDD	AP		05A		
05400		XA137	07						16B	9			AY22BQ	06	AY22BQ	00	1	TDD	BQ		03A	AY 22 - PRESET	
CONNECTOR		XA137	CONTINUED ON THE NEXT PAGE ****																				

DRAWING NUMBER 149012 880 CONNECTOR
 UNIT ASSEMBLY NAME CARD CAGE ASSY, CPU L.H.

UNIT ASSEMBLY NO. 149012
 FILE IDENT T39B2CP1

REV E INDEX XA137
 DATE 09-03-82 PAGE 65

RECORD NUMBER	FROM				TO				WIRE				SIGNAL	SEQ NO	EQUATION	TERM	FACTOR	CKT OR CHIP TYPE	GROUP	LOAD OR POWER PL. LINE	TEST POINTS AND OR	SIGNAL DESCRIPTION	ECO NO
	PREFIX	CONNECTOR	PIN	SR FC	PREFIX	CONNECTOR	PIN	SR FC	MULTI GROUP	CODE	COLOR	IDENT											
05386		XA137	08							16B	9		AY2190	02	AY21B1	01	1	TDD	AI		06A		
05394		XA137	09							16B	9		AY228P	06	AY22BP	00	1	TDD	BP		04B	AY 22 - CLEAR	
04563		XA137	10		XA137	14				16B	9		AYCPGB	02	AY21BN	01	1	TDD	AN		07A	AY 16 - 29 CLOCK	
05369		XA137	11							16B	9		AY21BP	05	AY21BP	00	1	TDD	AP		05B	AY 21 - CLEAR	
00337		XA137	12										+5V	01				TDD					
05373		XA137	13		XA136	36				16B	9		AY21BQ	04	AY21BQ	00	1	TDD	AQ		06B	AY 21 - PRESET	
04564		XA137	14		XA137	26				16B	9		AYCPGB	03	AY24BN	01	1	TDD	DN		09A	AY 16 - 29 CLOCK	
16296		XA137	15		XA137	17				16B	9		SPA016	05	AY21BQ	01	1	TDD	AQ		07B		
05499		XA137	16										GND		GROUND			TDD			20B		
16297		XA137	17		XA137	27				16B	9		SPA016	06	AY24BQ	01	1	TDD	DQ		08B		
05464		XA137	18							16B	9		AY2490	02	AY24BI	01	1	TDD	DI		10A		
05453		XA137	19		XA145	07				16B	9		AY24BQ	05	AY24BQ	00	1	TDD	DQ		09B	AY 24 - PRESET	
16309		XA137	20		XA137	22				16B	9		SPA017	07	AY24BP	01	1	TDD	DP		11A		
05448		XA137	21							16B	9		AY24BP	04	AY24BP	00	1	TDD	DP		10B	AY 24 - CLEAR	
16310		XA137	22		XA137	36				16B	9		SPA017	08	AY23BP	01	1	TDD	CP		12A		
05426		XA137	23		XA111	73				16B	9		AY23BP	04	AY23BP	00	1	TDD	CP		11B	AY 23 - CLEAR	
05444		XA137	24							16B	9		AY2390	02	AY23BI	01	1	TDD	CI		13A		
05434		XA137	25							16B	9		AY23BQ	07	AY23BQ	00	1	TDD	CQ		12B	AY 23 - PRESET	
04565		XA137	26		XA137	30				16B	9		AYCPGB	04	AY23BN	01	1	TDD	CN		14A	AY 16 - 29 CLOCK	
16298		XA137	27		XA137	29				16B	9		SPA016	07	AY23BQ	01	1	TDD	CQ		13B		
00338		XA137	28										+5V	01				TDD					
16299		XA137	29		XA137	39				16B	9		SPA016	08	AY26BQ	01	1	TDD	FQ		14B		
04566		XA137	30		XA137	42				16B	9		AYCPGB	05	AY26BN	01	1	TDD	FN		15A	AY 16 - 29 CLOCK	
05496		XA137	31		XA145	40				16B	9		AY26BQ	03	AY26BQ	00	1	TDD	FQ		15B	AY 26 - PRESET	
05579		XA137	32										GND		GROUND			TDD			21B		
05493		XA137	33							16B	9		AY26BP	02	AY26BP	00	1	TDD	FP		16B	AY 26 - CLEAR	
05509		XA137	34							16B	9		AY2690	02	AY26BI	01	1	TDD	FI		16A		
05468		XA137	35		XA115	34				16B	9		AY25BP	04	AY25BP	00	1	TDD	EP		17B	AY 25 - CLEAR	
16311		XA137	36		XA137	38				16B	9		SPA017	09	AY26BP	01	1	TDD	FP		17A		
05474		XA137	37		XA145	20				16B	9		AY25BQ	04	AY25BQ	00	1	TDD	EQ		18B	AY 25 - PRESET	
16312		XA137	38		XA137	50				16B	9		SPA017	10	AY25BP	01	1	TDD	EP		18A		
16300		XA137	39		XA137	41				16B	9		SPA016	09	AY25BQ	01	1	TDD	EQ		19B		
05489		XA137	40							16B	9		AY2590	02	AY25BI	01	1	TDD	EI		19A		
16301		XA137	41		XA137	51				16B	9		SPA016	10	AY28BQ	01	1	TDD	HQ		22B		
04567		XA137	42		XA137	46				16B	9		AYCPGB	06	AY25BN	01	1	TDD	EN		20A	AY 16 - 29 CLOCK	
05536		XA137	43		XA145	41				16B	9		AY28BQ	03	AY28BQ	00	1	TDD	HQ		23B	AY 28 - PRESET	
05531		XA137	44										GND		GROUND			TDD			27A		
05533		XA137	45							16B	9		AY28BP	02	AY28BP	00	1	TDD	HP		24B	AY 28 - CLEAR	
04568		XA137	46		XA138	46				16B	9		AYCPGB	07	AY28BN	01	1	TDD	HN		21A	AY 16 - 29 CLOCK	
05513		XA137	47							16B	9		AY27BP	02	AY27BP	00	1	TDD	GP		25B	AY 27 - CLEAR	
05549		XA137	48							16B	9		AY2890	02	AY28BI	01	1	TDD	HI		22A		
05516		XA137	49		XA145	37				16B	9		AY27BQ	03	AY27BQ	00	1	TDD	GQ		26B	AY 27 - PRESET	
16313		XA137	50							16B	9		SPA017	11	AY28BP	01	1	TDD	HP		23A		
16302		XA137	51							16B	9		SPA016	11	AY27BQ	01	1	TDD	GQ		27B		
17531		XA137	52		XA137	63				16B	9		SPA132	02	AY27BP	01	1	TDD	GP		24A		
16319		XA137	53		XA137	80				16B	9		SPA018	06	AY30BQ	01	1	TDD	KQ		28B		
05529		XA137	54							16B	9		AY2790	02	AY27BI	01	1	TDD	GI		25A		
05576		XA137	55		XA145	79				16B	9		AY30BQ	03	AY30BQ	00	1	TDD	KQ		29B	AY 30 - PRESET	
04574		XA137	56		XA137	70				16B	9		AYCPGB	13	AY27BN	01	1	TDD	GN		26A	AY 16 - 29 CLOCK	
05573		XA137	57							16B	9		AY30BP	02	AY30BP	00	1	TDD	KP		30B	AY 30 - CLEAR	
CONNECTOR (XA137) CONTINUED ON THE NEXT PAGE ****																							

DRAWING NUMBER 149012 880 CONNECTOR UNIT ASSEMBLY NO. 149012 REV E INDEX XA137
 UNIT ASSEMBLY NAME CARD CAGE ASSY, CPU L.H. FILE IDENT T39B2CP1 DATE 09-03-82 PAGE 66

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											
05571		XA137	58										GND		GROUND			TDD			40A		
05553		XA137	59						16B	9			AY29BP	02	AY29BP	00	1	TDD	JP		31B	AY 29 - CLEAR	
04582		XA137	60						16B	9			AYCPKA	03	AY30BN	01	1	TDD	KN		28A		
05556		XA137	61		XA145	62			16B	9			AY29BQ	03	AY29BQ	00	1	TDD	JQ		32B	AY 29 - PRESET	
05589		XA137	62						16B	9			AY3090	02	AY30BI	01	1	TDD	KI		29A		
17532		XA137	63		XA137	64			16B	9			SPA132	03	AY29BQ	01	1	TDD	JQ		33B		
17533		XA137	64		XA138	29			16B	9			SPA132	04	AY30BP	01	1	TDD	KP		30A		
17619		XA137	65		XA138	65			16B	9			SPI004	06		01	1	TDD	MQ		34B		
16328		XA137	66		XA137	75			16B	9			SPA019	04	AY29BP	01	1	TDD	JP		31A		
05591		XA137	67										GND		GROUND			TDD			40B		
05569		XA137	68						16B	9			AY2990	02	AY29BI	01	1	TDD	JI		32A		
20591		XA137	69										SPO	02		00	1	TDD	MP		35A		
04575		XA137	70		XA138	70			16B	9			AYCPGB	14	AY29BN	01	1	TDD	JN		33A	AY 16 - 29 CLOCK	
17631		XA137	71		XA138	71			16B	9			SPI005	09		01	1	TDD	MI		36A		
17674		XA137	72						16B	9			SPI009	10		01	1	TDD	MN		34A		
17685		XA137	73		XA138	72			16B	9			SPI010	09		01	1	TDD	MP		36B		
20593		XA137	74										SPO	02		00	1	TDD	MQ		35B		
16329		XA137	75		XA138	04			16B	9			SPA019	05	AY31BP	01	1	TDD	LP		37B		
05593		XA137	76						16B	9			AY31BP	02	AY31BP	00	1	TDD	LP		37A	AY 31 - CLEAR	
05607		XA137	77		XA132	76			16B	9			AY3190	01	AY31BI	01	1	TDD	LI		38B		
05596		XA137	78						16B	9			AY31BQ	03	AY31BQ	00	1	TDD	LQ		38A	AY 31 - PRESET	
04580		XA137	79		XA136	69			16B	9			AYCPKA	01	AY31BN	01	1	TDD	LN		39B		
16320		XA137	80		XA138	03			16B	9			SPA018	07	AY31BQ	01	1	TDD	LQ		39A		
04546		XA138	01		XA138	10			16B	9			AYCPDB	03	AY11BN	01	1	TDD	BN		02B	AY 02 - 15 CLOCK	
05130		XA138	02										GND		GROUND			TDD			01B		
16321		XA138	03		XA138	15			16B	9			SPA018	08	AY11BQ	01	1	TDD	BQ		02A		
16330		XA138	04		XA138	06			16B	9			SPA019	06	AY11BP	01	1	TDD	BP		04A		
05168		XA138	05						16B	9			AY1190	02	AY11BI	01	1	TDD	BI		03B		
16331		XA138	06		XA138	20			16B	9			SPA019	07	AY10BP	01	1	TDD	AP		05A		
05158		XA138	07						16B	9			AY11BQ	05	AY11BQ	00	1	TDD	BQ		03A	AY 11 - PRESET	
05148		XA138	08						16B	9			AY1090	02	AY10BI	01	1	TDD	AI		06A		
05153		XA138	09						16B	9			AY11BP	03	AY11BP	00	1	TDD	BP		04B	AY 11 - CLEAR	
04547		XA138	10		XA138	14			16B	9			AYCPDB	04	AY10BN	01	1	TDD	AN		07A	AY 02 - 15 CLOCK	
05132		XA138	11		XA147	43			16B	9			AY10BP	02	AY10BP	00	1	TDD	AP		05B	AY 10 - CLEAR	
00339		XA138	12										+5V	01				TDD					
05138		XA138	13						16B	9			AY10BQ	05	AY10BQ	00	1	TDD	AQ		06B	AY 10 - PRESET	
04548		XA138	14		XA139	14			16B	9			AYCPDB	05	AY13BN	01	1	TDD	DN		09A	AY 02 - 15 CLOCK	
16322		XA138	15		XA138	17			16B	9			SPA018	09	AY10BQ	01	1	TDD	AQ		07B		
05289		XA138	16										GND		GROUND			TDD			20B		
16323		XA138	17		XA138	27			16B	9			SPA018	10	AY13BQ	01	1	TDD	DQ		08B		
05208		XA138	18						16B	9			AY1390	02	AY13BI	01	1	TDD	DI		10A		
05198		XA138	19						16B	9			AY13BQ	05	AY13BQ	00	1	TDD	DQ		09B	AY 13 - PRESET	
16332		XA138	20		XA138	22			16B	9			SPA019	08	AY13BP	01	1	TDD	DP		11A		
05192		XA138	21		XA147	48			16B	9			AY13BP	02	AY13BP	00	1	TDD	DP		10B	AY 13 - CLEAR	
16333		XA138	22		XA138	36			16B	9			SPA019	09	AY12BP	01	1	TDD	CP		12A		
05172		XA138	23		XA147	50			16B	9			AY12BP	02	AY12BP	00	1	TDD	CP		11B	AY 12 - CLEAR	
05188		XA138	24						16B	9			AY1290	02	AY12BI	01	1	TDD	CI		13A		
05178		XA138	25						16B	9			AY12BQ	05	AY12BQ	00	1	TDD	CQ		12B	AY 12 - PRESET	
CONNECTOR		XA138	CONTINUED ON THE NEXT PAGE ****																				

DRAWING NUMBER 149012 880 CONNECTOR
 UNIT ASSEMBLY NAME CARD CAGE ASSY, CPU L.H.

UNIT ASSEMBLY NO. 149012
 FILE IDENT T39B2CP1

REV E INDEX XA138
 DATE 09-03-82 PAGE 67

RECORD NUMBER	FROM			SH FT2	TO			WIRE				SIGNAL	SNO 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 FT2	MULTI GROUP	CODE	COLCR											
04551		XA138	26			XA138	30					AYCPDB	08	AY12BN	01	1	TDD	CN		14A	AY 02 - 15 CLOCK	
16324		XA138	27						16B	9		SPA018	11	AY12BQ	01	1	TDD	CQ		13B		
00340		XA138	28									+5V	01									
17534		XA138	29			XA138	50		16B	9		SPA132	05	AY15BQ	01	1	TDD	FQ		14B		
04552		XA138	30			XA138	42		16B	9		AYCPDB	09	AY15BN	01	1	TDD	FN		15A	AY 02 - 15 CLOCK	
05238		XA138	31						16B	9		AY15BQ	05	AY15BQ	00	1	TDD	FQ		15B		
05230		XA138	32									GND		GROUND						21B	AY 15 - PRESET	
05232		XA138	33			XA147	52		16B	9		AY15BP	02	AY15BP	00	1	TDD	FP		16B		
05248		XA138	34						16B	9		AY1590	02	AY158I	01	1	TDD	FI		16A	AY 15 - CLEAR	
05212		XA138	35			XA147	54		16B	9		AY148P	02	AY148P	00	1	TDD	EP		17B		
16334		XA138	36			XA138	38		16B	9		SPA019	10	AY15BP	01	1	TDD	FP		17A	AY 14 - CLEAR	
05218		XA138	37						16B	9		AY148Q	05	AY148Q	00	1	TDD	EQ		18B		
16335		XA138	38						16B	9		SPA019	11	AY148P	01	1	TDD	EP		18A	AY 14 - PRESET	
16339		XA138	39			XA138	41		16B	9		SPA020	04	AY148Q	01	1	TDD	EQ		19B		
05228		XA138	40						16B	9		AY1490	02	AY148I	01	1	TDD	EI		19A	AY 14 - CLEAR	
16340		XA138	41			XA138	51		16B	9		SPA020	05	AY17BQ	01	1	TDD	HQ		22B		
04553		XA138	42			XA139	42		16B	9		AYCPDB	10	AY14BN	01	1	TDD	EN		20A	AY 02 - 15 CLOCK	
05284		XA138	43			XA146	20		16B	9		AY178Q	04	AY178Q	00	1	TDD	HQ		23B		
05287		XA138	44									GND		GROUND						27A	AY 17 - CLEAR	
05280		XA138	45						16B	9		AY178P	02	AY178P	00	1	TDD	HP		24B		
04569		XA138	46			XA136	45		16B	9		AYCPGB	08	AY178N	01	1	TDD	HN		21A	AY 16 - 29 CLOCK	
05253		XA138	47			XA143	10		16B	9		AY168P	03	AY168P	00	1	TDD	GP		25B		
05299		XA138	48						16B	9		AY1790	02	AY178I	01	1	TDD	HI		22A	AY 16 - PRESET	
05258		XA138	49			XA143	05		16B	9		AY168Q	04	AY168Q	00	1	TDD	GQ		26B		
17535		XA138	50						16B	9		SPA132	06	AY178P	01	1	TDD	HP		23A	AY 16 - PRESET	
16341		XA138	51			XA138	53		16B	9		SPA020	06	AY168Q	01	1	TDD	GQ		27B		
16350		XA138	52			XA138	64		16B	9		SPA021	04	AY168P	01	1	TDD	GP		24A	AY 16 - PRESET	
16342		XA138	53			XA138	63		16B	9		SPA020	07	AY198Q	01	1	TDD	KQ		28B		
05276		XA138	54						16B	9		AY1690	02	AY168I	01	1	TDD	GI		25A	AY 19 - PRESET	
05329		XA138	55			XA146	37		16B	9		AY198Q	03	AY198Q	00	1	TDD	KQ		29B		
04573		XA138	56			XA137	56		16B	9		AYCPGB	12	AY168N	01	1	TDD	GN		26A	AY 16 - 29 CLOCK	
05326		XA138	57						16B	9		AY198P	02	AY198P	00	1	TDD	KP		30B		
05310		XA138	58									GND		GROUND						40A	AY 18 - CLEAR	
05304		XA138	59						16B	9		AY188P	03	AY188P	00	1	TDD	JP		31B		
04572		XA138	60			XA138	56		16B	9		AYCPGB	11	AY198N	01	1	TDD	KN		28A	AY 16 - 29 CLOCK	
05307		XA138	61			XA146	42		16B	9		AY188Q	03	AY188Q	00	1	TDD	JQ		32B		
05342		XA138	62						16B	9		AY1990	02	AY198I	01	1	TDD	KI		29A	AY 18 - PRESET	
16343		XA138	63			XA138	80		16B	9		SPA020	08	AY188Q	01	1	TDD	JQ		33B		
16351		XA138	64			XA138	66		16B	9		SPA021	05	AY198P	01	1	TDD	KP		30A	AY 18 - PRESET	
17620		XA138	65			XA139	65		16B	9		SPI004	07		01	1	TDD	MQ		34B		
16352		XA138	66			XA138	75		16B	9		SPA021	06	AY188P	01	1	TDD	JP		31A	AY 16 - 29 CLOCK	
05332		XA138	67									GND		GROUND						40B		
05322		XA138	68						16B	9		AY1890	02	AY188I	01	1	TDD	JI		32A	AY 16 - 29 CLOCK	
20595		XA138	69									SPO	02		00	1	TDD	MP		35A		
04576		XA138	70			XA138	79		16B	9		AYCPGB	15	AY188N	01	1	TDD	JN		33A	AY 16 - 29 CLOCK	
17632		XA138	71			XA139	71		16B	9		SPI005	10		01	1	TDD	MI		36A		
17686		XA138	72						16B	9		SPI010	10		01	1	TDD	MN		34A	AY 16 - 29 CLOCK	
17692		XA138	73			XA139	72		16B	9		SPI011	06		01	1	TDD	MP		36B		
20597		XA138	74									SPO	02		00	1	TDD	MQ		35B	AY 16 - 29 CLOCK	
16353		XA138	75			XA139	04		16B	9		SPA021	07	AY20BP	01	1	TDD	LP		37B		
CONNECTOR (XA138) CONTINUED ON THE NEXT PAGE ****																						

DRAWING NUMBER 149012 880 CONNECTOR UNIT ASSEMBLY NO. 149012 REV E INDEX XA138
 UNIT ASSEMBLY NAME CARD CAGE ASSY, CPU L.H. FILE IDENT T39B2CP1 DATE 09-03-82 PAGE 68

RECORD NUMBER	FROM			TO			WIRE				SFC INST MISC	SIGNAL	SEQ 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												
05346		XA138	76					16B	9			AY20BP	02	AY20BP	00	1	TDD	LP		37A		
05362		XA138	77					16B	9			AY2090	02	AY20BI	01	1	TDD	LI		38B		AY 20 - CLEAR
05349		XA138	78		XA146	43		16B	9			AY20BQ	03	AY20BQ	00	1	TDD	LQ		38A		AY 20 - PRESET
04577		XA138	79					16B	9			AYCPGB	16	AY20BN	01	1	TDD	LN		39B		AY 16 - 29 CLOCK
16344		XA138	80		XA139	03		16B	9			SPA020	09	AY20BQ	01	1	TDD	LQ		39A		
04540		XA139	01		XA139	10		16B	9			AYCPCA	01	AY00BN	01	1	TDD	BN		02B		
04922		XA139	02									GND		GROUND			TDD			01B		
16345		XA139	03		XA139	15		16B	9			SPA020	10	AY00BQ	01	1	TDD	BQ		02A		
16354		XA139	04		XA139	06		16B	9			SPA021	08	AY00BP	01	1	TDD	BP		04A		
04936		XA139	05					16B	9			AY0090	02	AY00BI	01	1	TDD	SI		03B		
16355		XA139	06		XA139	20		16B	9			SPA021	09	AYSEBP	01	1	TDD	AP		05A		
04920		XA139	07					16B	9			AY00BQ	06	AY00BQ	00	1	TDD	BQ		03A		AY 00 - PRESET
04908		XA139	08					16B	9			AYSE90	02	AYSEBI	01	1	TDD	AI		06A		
04913		XA139	09		XA147	31		16B	9			AY00BP	03	AY00BP	00	1	TDD	BP		04B		AY 00 - CLEAR
04541		XA139	10		XA139	26		16B	9			AYCPCA	02	AYSEBN	01	1	TDD	AN		07A		
04879		XA139	11					16B	9			AYSEBP	06	AYSEBP	00	1	TDD	AP		05B		AY SE - CLEAR
00341		XA139	12									+5V	01				TDD					
04885		XA139	13		XA150	10		16B	9			AYSEBQ	06	AYSEBQ	00	1	TDD	AQ		06B		AY SE - PRESET
04549		XA139	14		XA139	30		16B	9			AYCPDB	06	AY02BN	01	1	TDD	DN		09A		AY 02 - 15 CLOCK
16346		XA139	15					16B	9			SPA020	11	AYSEBQ	01	1	TDD	AQ		07B		
04971		XA139	16									GND		GROUND			TDD			20B		
16360		XA139	17		XA139	27		16B	9			SPA022	03	AY02BQ	01	1	TDD	DQ		08B		
04979		XA139	18					16B	9			AY0290	02	AY02BI	01	1	TDD	DI		10A		
04967		XA139	19		XA147	60		16B	9			AY02BQ	03	AY02BQ	00	1	TDD	DQ		09B		AY 02 - PRESET
16356		XA139	20		XA139	22		16B	9			SPA021	10	AY02BP	01	1	TDD	DP		11A		
04963		XA139	21		XA147	37		16B	9			AY02BP	02	AY02BP	00	1	TDD	DP		10B		AY 02 - CLEAR
16357		XA139	22					16B	9			SPA021	11	AY01BP	01	1	TDD	CP		12A		
04940		XA139	23		XA147	40		16B	9			AY01BP	02	AY01BP	00	1	TDD	CP		11B		AY 01 - CLEAR
04959		XA139	24					16B	9			AY0190	02	AY01BI	01	1	TDD	CI		13A		
04944		XA139	25		XA144	01		16B	9			AY01BQ	03	AY01BQ	00	1	TDD	CQ		12B		AY 01 - PRESET
04542		XA139	26		XA136	76		16B	9			AYCPCA	03	AY01BN	01	1	TDD	CN		14A		
16361		XA139	27		XA139	29		16B	9			SPA022	04	AY01BQ	01	1	TDD	CQ		13B		
00342		XA139	28									+5V	01				TDD					
16362		XA139	29		XA139	39		16B	9			SPA022	05	AY04BQ	01	1	TDD	FQ		14B		
04550		XA139	30		XA138	26		16B	9			AYCPDB	07	AY04BN	01	1	TDD	FN		15A		AY 02 - 15 CLOCK
05007		XA139	31		XA147	55		16B	9			AY04BQ	03	AY04BQ	00	1	TDD	FQ		15B		AY 04 - PRESET
04981		XA139	32									GND		GROUND			TDD			21B		
05003		XA139	33		XA147	42		16B	9			AY04BP	02	AY04BP	00	1	TDD	FP		16B		AY 04 - CLEAR
05019		XA139	34					16B	9			AY0490	02	AY04BI	01	1	TDD	FI		16A		
04983		XA139	35		XA147	38		16B	9			AY03BP	02	AY03BP	00	1	TDD	EP		17B		AY 03 - CLEAR
16370		XA139	36		XA139	38		16B	9			SPA023	02	AY04BP	01	1	TDD	FP		17A		
04987		XA139	37		XA147	62		16B	9			AY03BQ	03	AY03BQ	00	1	TDD	EQ		18B		AY 03 - PRESET
16371		XA139	38		XA139	50		16B	9			SPA023	03	AY03BP	01	1	TDD	EP		18A		
16363		XA139	39		XA139	41		16B	9			SPA022	06	AY03BQ	01	1	TDD	EQ		19B		
04999		XA139	40					16B	9			AY0390	02	AY03BI	01	1	TDD	EI		19A		
16364		XA139	41		XA139	51		16B	9			SPA022	07	AY06BQ	01	1	TDD	HQ		22B		
04554		XA139	42		XA139	46		16B	9			AYCPDB	11	AY03BN	01	1	TDD	EN		20A		AY 02 - 15 CLOCK
05047		XA139	43		XA147	64		16B	9			AY06BQ	03	AY06BQ	00	1	TDD	HQ		23B		AY 06 - PRESET
CONNECTOR		XA139	CONTINUED ON THE NEXT PAGE ****																			

DRAWING NUMBER 149012 880 CONNECTOR UNIT ASSEMBLY NO. 149012 REV E INDEX XA139
 UNIT ASSEMBLY NAME CARD CAGE ASSY, CPU L.H. FILE IDENT T39B2CP1 DATE 09-03-82 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	SN FC	PREFIX	CONNECTOR	PIN	SN FC	MULTI GROUP	CODE	COLOR												IDENT
05011		XA139	44									GND		GROUND							27A		
05043		XA139	45			XA147	30			16B	9	AY06BP	02	AY06BP	00	1	TDD	HP			24B	AY 06 - CLEAR	
04555		XA139	46			XA139	56			16B	9	AYCPDB	12	AY06BN	01	1	TDD	HN			21A	AY 02 - 15 CLOCK	
05023		XA139	47			XA147	34			16B	9	AY05BP	02	AY05BP	00	1	TDD	GP			25B	AY 05 - CLEAR	
05059		XA139	48							16B	9	AY0690	02	AY06BI	01	1	TDD	HI			22A		
05027		XA139	49			XA147	66			16B	9	AY05BQ	03	AY05BQ	00	1	TDD	GQ			26B	AY 05 - PRESET	
16372		XA139	50			XA139	52			16B	9	SPA023	04	AY06BP	01	1	TDD	HP			23A		
16365		XA139	51			XA139	53			16B	9	SPA022	08	AY05BQ	01	1	TDD	GQ			27B		
16373		XA139	52			XA139	64			16B	9	SPA023	05	AY05BP	01	1	TDD	GP			24A		
16366		XA139	53			XA139	63			16B	9	SPA022	09	AY08BQ	01	1	TDD	KQ			28B		
05039		XA139	54							16B	9	AY0590	02	AY05BI	01	1	TDD	GI			25A		
05087		XA139	55			XA147	74			16B	9	AY08BQ	03	AY08BQ	00	1	TDD	KQ			29B	AY 08 - PRESET	
04556		XA139	56			XA139	60			16B	9	AYCPDB	13	AY05BN	01	1	TDD	GN			26A	AY 02 - 15 CLOCK	
05083		XA139	57			XA147	46			16B	9	AY08BP	02	AY08BP	00	1	TDD	KP			30B	AY 08 - CLEAR	
05041		XA139	58									GND		GROUND								40A	
05063		XA139	59			XA147	36			16B	9	AY07BP	02	AY07BP	00	1	TDD	JP			31B	AY 07 - CLEAR	
04557		XA139	60			XA139	70			16B	9	AYCPDB	14	AY08BN	01	1	TDD	KN			28A	AY 02 - 15 CLOCK	
05067		XA139	61			XA147	70			16B	9	AY07BQ	03	AY07BQ	00	1	TDD	JQ			32B	AY 07 - PRESET	
05108		XA139	62							16B	9	AY0890	02	AY08BI	01	1	TDD	KI			29A		
16367		XA139	63			XA139	80			16B	9	SPA022	10	AY07BQ	01	1	TDD	JQ			33B		
16374		XA139	64			XA139	66			16B	9	SPA023	06	AY08BP	01	1	TDD	KP			30A		
17621		XA139	65			XA140	23			16B	9	SPI004	08		01	1	TDD	MQ			34B		
16375		XA139	66			XA139	75			16B	9	SPA023	07	AY07BP	01	1	TDD	JP			31A		
05120		XA139	67									GND		GROUND								40B	
05079		XA139	68							16B	9	AY0790	02	AY07BI	01	1	TDD	JI			32A		
20599		XA139	69									SPO	02		00	1	TDD	MP			35A		
04558		XA139	70			XA139	79			16B	9	AYCPDB	15	AY07BN	01	1	TDD	JN			33A	AY 02 - 15 CLOCK	
17633		XA139	71							16B	9	SPI005	11		01	1	TDD	MI			36A		
17693		XA139	72			XA140	25			16B	9	SPI011	07		01	1	TDD	MN			34A		
17697		XA139	73			XA223	65			16B	9	SPI012	03		01	1	TDD	MP			36B		
20601		XA139	74									SPO	02		00	1	TDD	MQ			35B		
16376		XA139	75			XA140	03			16B	9	SPA023	08	AY09BP	01	1	TDD	LP			37B		
05112		XA139	76			XA147	56			16B	9	AY09BP	02	AY09BP	00	1	TDD	LP			37A	AY 09 - CLEAR	
05128		XA139	77							16B	9	AY0990	02	AY09BI	01	1	TDD	LI			38B		
05116		XA139	78			XA147	72			16B	9	AY09BQ	03	AY09BQ	00	1	TDD	LQ			38A	AY 09 - PRESET	
04559		XA139	79							16B	9	AYCPDB	16	AY09BN	01	1	TDD	LN			39B	AY 02 - 15 CLOCK	
16368		XA139	80							16B	9	SPA022	11	AY09BQ	01	1	TDD	LQ			39A		
04800		XA140	01							16B	9	AYMKCO	09	AYMKCO	00	1	TQ2	A2			02B	MASK TO AY 16 - 2	
10980		XA140	02									GND	01	GROUND			TQ2				01A		
16377		XA140	03			XA140	04			16B	9	SPA023	09	AYMKDO	01	1	TQ2	A3			02A		
16378		XA140	04			XA140	10			16B	9	SPA023	10	AYMKCO	01	1	TQ2	A2			04A		
04789		XA140	05			XA140	07			16B	9	AYMKCA	02	AYMKCO	01	2	TQ2	A2			03B		
04669		XA140	06							16B	9	AYHXCO	02	AYHXCO	00	1	TQ2	A1			05A	AY HALF-WORD EXCE	
04790		XA140	07			XA136	14			16B	9	AYMKCA	03	AYMKDO	01	2	TQ2	A3			03A		
04665		XA140	08							16B	9	AYHXCA	02	AYHXCO	01	2	TQ2	A1			06A		
04809		XA140	09							16B	9	AYMKDO	09	AYMKDO	00	1	TQ2	A3			04B	MASK TO AY 24 - 3	
16379		XA140	10							16B	9	SPA023	11	AYHXCO	01	1	TQ2	A1			07A		
05922		XA140	11							16B	9	CMA68Q	04	AYADCA	01	1	TQ2	A4			05B		
CONNECTOR (XA140) CONTINUED ON THE NEXT PAGE ****																							

DRAWING NUMBER 149012 880 CONNECTOR UNIT ASSEMBLY NO. 149012 REV E INDEX XA140
 UNIT ASSEMBLY NAME CARD CAGE ASSY, CPU L.H. FILE IDENT T39B2CP1 DATE 09-03-82 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	SH 12	PREFIX	CONNECTOR	PIN	SH 12	MULTI GROUP	CODE	COLOR	IDENT											
00343		XA140	12										+5V	01									
04722		XA140	13		XA142	52				16B	9		AYK4C0	01	AYADCA	01	2	TQ2	A4		06B		
04660		XA140	14							16B	9		AYDBG0	02	AYDBG0	00	1	TQ2	B2		09A	DB 00 TO AY SE CN	
04502		XA140	15							16B	9		AYADCA	05	AYADCA	00	1	TQ2	A4		07B	ADDER TO AY CONTR	
10981		XA140	16										GND	01	GROUND			TQ2			01B		
04713		XA140	17		XA142	39				16B	9		AYK3C0	02	AYLSCA	01	1	TQ2	B3		08B		
04692		XA140	18							16B	9		AYK0CA	03	AYDBG0	01	2	TQ2	B2		10A		
04735		XA140	19		XA140	24				16B	9		AYK6C0	04	AYLSCA	01	2	TQ2	B3		09B		
04711		XA140	20							16B	9		AYK3CA	03	AYDBG0	01	1	TQ2	B2		11A	AY LEFT SHIFT CNT	
04753		XA140	21							16B	9		AYLSCA	05	AYLSCA	00	1	TQ2	B3		10B		
04663		XA140	22							16B	9		AYDB1A	03	AYDB1A	00	1	TQ2	B1		12A	DB TO AY 16 - 31	
17622		XA140	23							16B	9		SPI004	09		01	1	TQ2	B4		11B		
04736		XA140	24		XA142	45				16B	9		AYK6C0	05	AYDB1A	01	2	TQ2	B1		13A		
17694		XA140	25							16B	9		SPI011	08		01	2	TQ2	B4		12B		
05903		XA140	26		XA141	36				16B	9		CMA5BP	04	AYDB1A	01	1	TQ2	B1		14A		
20603		XA140	27										SPO	02		00	1	TQ2	B4		13B		
00344		XA140	28										+5V	01				TQ2					
16381		XA140	29		XA140	34				16B	9		SPA024	02	AYH110	01	1	TQ2	C3		14B		
04679		XA140	30							16B	9		AYH020	02	AYH020	00	1	TQ2	C2		15A	AY ZERO DECODE -	
04683		XA140	31							16B	9		AYH11A	02	AYH110	01	2	TQ2	C3		15B		
10982		XA140	32										GND	01	GROUND			TQ2			20B		
04685		XA140	33							16B	9		AYH110	02	AYH110	00	1	TQ2	C3		16B	AY ONES DECODE -	
16382		XA140	34		XA140	35				16B	9		SPA024	03	AYH020	01	2	TQ2	C2		16A		
16383		XA140	35		XA140	41				16B	9		SPA024	04	AYH120	01	1	TQ2	C4		17B		
04677		XA140	36							16B	9		AYH02A	02	AYH020	01	1	TQ2	C2		17A		
04687		XA140	37							16B	9		AYH12A	02	AYH120	01	2	TQ2	C4		18B		
04675		XA140	38							16B	9		AYH010	02	AYH010	00	1	TQ2	C1		18A	AY ZERO DECODE -	
04689		XA140	39							16B	9		AYH120	02	AYH120	00	1	TQ2	C4		19B	AY ONES DECODE -	
04673		XA140	40							16B	9		AYH01A	02	AYH010	01	2	TQ2	C1		19A		
16384		XA140	41		XA140	42				16B	9		SPA024	05	DB30AA	01	1	TQ2	D3		22B		
16385		XA140	42		XA140	47				16B	9		SPA024	06	AYH010	01	1	TQ2	C1		20A		
08518		XA140	43		XA123	66				16B	9		DB30A0	06	DB30AA	01	2	TQ2	D3		23B		
10983		XA140	44										GND	01	GROUND			TQ2			21B		
08512		XA140	45							16B	9		DB30AA	03	DB30AA	00	1	TQ2	D3		24B	DATA BUS RCVR - 3	
08452		XA140	46							16B	9		DB29AA	03	DB29AA	00	1	TQ2	D2		21A	DATA BUS RCVR - 2	
16386		XA140	47		XA140	48				16B	9		SPA024	07	DB31AA	01	1	TQ2	D4		25B		
16387		XA140	48		XA140	54				16B	9		SPA024	08	DB29AA	01	2	TQ2	D2		22A		
08578		XA140	49		XA123	79				16B	9		DB31A0	06	DB31AA	01	2	TQ2	D4		26B		
08458		XA140	50		XA123	52				16B	9		DB29A0	06	DB29AA	01	1	TQ2	O2		23A		
08572		XA140	51							16B	9		DB31AA	03	DB31AA	00	1	TQ2	D4		27B	DATA BUS RCVR - 3	
08389		XA140	52							16B	9		DB28AA	03	DB28AA	00	1	TQ2	D1		24A	DATA BUS RCVR - 2	
04729		XA140	53							16B	9		AYK5C0	03	AY317A	01	1	TQ2	E3		28B		
16388		XA140	54		XA140	71				16B	9		SPA024	09	DB28AA	01	2	TQ2	D1		25A		
04706		XA140	55		XA140	76				16B	9		AYK2C0	04	AY317A	01	2	TQ2	E3		29B		
08398		XA140	56		XA123	38				16B	9		DB28A0	09	DB28AA	01	1	TQ2	D1		26A		
05603		XA140	57		XA132	75				16B	9		AY317A	01	AY317A	00	1	TQ2	E3		30B	PLUS ONE TO AY -X	
10984		XA140	58										GND	01	GROUND			TQ2			27A		
04721		XA140	59							16B	9		AYK4CA	03	AY318A	01	1	TQ2	E4		31B		
05599		XA140	60		XA132	71				16B	9		AY312A	01	AY312A	00	1	TQ2	E2		28A	ADDER TO AY REG.	
04715		XA140	61		XA140	65				16B	9		AYK3C0	04	AY318A	01	2	TQ2	E4		32B		
CONNECTOR (XA140) CONTINUED ON THE NEXT PAGE ****																							

DRAWING NUMBER 149012 880 CONNECTOR UNIT ASSEMBLY NO. 149012 REV E INDEX XA140
 UNIT ASSEMBLY NAME CARD CAGE ASSY, CPU L.H. FILE IDENT T39B2CP1 DATE 09-03-82 PAGE 71

RECORD NUMBER	FROM			S/P 2	TO			WIRE			S/P 1	MULTI GROUP	CODE	COLOR	IDENT	S/P 1	S/P 2	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	DR 1	DR 2	DR 3																		
04539		XA140	62					16B	9								AYADFO	09	AY312A	01	2	TQ2	E2		29A			
05605		XA140	63		XA132	77		16B	9								AY318A	01	AY318A	00	1	TQ2	E4		33B	PLUS ONE TO AY-AY		
02884		XA140	64					16B	9								AD31B1	05	AY312A	01	1	TQ2	E2		30A			
04716		XA140	65		XA144	76		16B	9								AYK3C0	05	AYCP6A	01	1	TQ2	F3		34B			
05597		XA140	66		XA132	73		16B	9								AY311A	01	AY311A	00	1	TQ2	E1		31A	BUS TO AY REG. -		
10985		XA140	67														GND	01	GROUND						40A			
08577		XA140	68		XA140	49		16B	9								DB31A0	05	AY311A	01	2	TQ2	E1		32A			
04610		XA140	69		XA136	75		16B	9								AYCP6A	02	AYCP6A	00	1	TQ2	F3		35A	AY SE - 29 CLOCK		
04658		XA140	70					16B	9								AYDBFO	09	AY311A	01	1	TQ2	E1		33A			
16389		XA140	71		XA140	79		16B	9								SPA024	10	AY25C0	01	2	TQ2	F2		36A			
05476		XA140	72		XA132	30		16B	9								AY25C0	01	AY25C0	00	1	TQ2	F2		34A	AY 25 TRUE OUTPUT		
05467		XA140	73		XA137	35		16B	9								AY25BP	03	AY25C0	01	1	TQ2	F2		36B			
04746		XA140	74		XA144	69		16B	9								AYK7C0	06	AYCP6A	01	2	TQ2	F3		35B			
05412		XA140	75					16B	9								AY22C0	02	AY22C0	00	1	TQ2	F1		37B	AY 22 UNLOAD		
04707		XA140	76		XA130	78		16B	9								AYK2C0	05	AYCP8A	01	1	TQ2	F4		37A			
05392		XA140	77		XA136	30		16B	9								AY22BP	04	AY22C0	01	2	TQ2	F1		38B			
04738		XA140	78					16B	9								AYK6C0	07	AYCP8A	01	2	TQ2	F4		38A			
16390		XA140	79					16B	9								SPA024	11	AY22C0	01	1	TQ2	F1		39B			
04616		XA140	80		XA130	71		16B	9								AYCP8A	02	AYCP8A	00	1	TQ2	F4		39A	AY 16 - 31 CLOCK		
04788		XA141	01		XA140	05		16B	9								AYMKCA	01	AYMKCA	00	1	TQ2	A2		02B	MASK TO AY 16 - 3		
10986		XA141	02														GND	01	GROUND						01A			
04712		XA141	03		XA140	17		16B	9								AYK3C0	01	AYRC1A	01	1	TQ2	A3		02A			
04700		XA141	04					16B	9								AYK1C0	02	AYMKCA	01	1	TQ2	A2		04A			
04742		XA141	05		XA144	05		16B	9								AYK7C0	02	AYMKCA	01	2	TQ2	A2		03B			
04664		XA141	06		XA140	08		16B	9								AYHXCA	01	AYHXCA	00	1	TQ2	A1		05A	AY HALF-WORD EXCE		
04734		XA141	07		XA140	19		16B	9								AYK6C0	03	AYRC1A	01	2	TQ2	A3		03A			
04681		XA141	08					16B	9								AYH1CA	02	AYHXCA	01	2	TQ2	A1		06A			
04869		XA141	09					16B	9								AYRC1A	02	AYRC1A	00	1	TQ2	A3		04B	RECIRCULATE AYSE-		
04671		XA141	10					16B	9								AYH0CA	02	AYHXCA	01	1	TQ2	A1		07A			
04741		XA141	11		XA141	05		16B	9								AYK7C0	01	AYRC2A	01	1	TQ2	A4		05B			
00345		XA141	12														+5V	01										
04696		XA141	13					16B	9								AYK0C0	04	AYRC2A	01	2	TQ2	A4		06B			
04771		XA141	14					16B	9								AYLSD0	09	AYLSD0	00	1	TQ2	B2		09A	AY 09 - 16 LEFT S		
04871		XA141	15					16B	9								AYRC2A	02	AYRC2A	00	1	TQ2	A4		07B	RECIRCULATE AYSE		
10987		XA141	16														GND	01	GROUND						01B			
16392		XA141	17		XA141	20		16B	9								SPA025	02	AYLSE0	01	1	TQ2	B3		08B			
04751		XA141	18		XA141	19		16B	9								AYLSCA	03	AYLSD0	01	2	TQ2	B2		10A			
04752		XA141	19		XA140	21		16B	9								AYLSCA	04	AYLSE0	01	2	TQ2	B3		09B			
16393		XA141	20		XA141	23		16B	9								SPA025	03	AYLSD0	01	1	TQ2	B2		11A			
04780		XA141	21					16B	9								AYLSE0	09	AYLSE0	00	1	TQ2	B3		10B	AY 17 - 24 LEFT S		
04762		XA141	22					16B	9								AYLSC0	09	AYLSC0	00	1	TQ2	B1		12A	AY 01 - 08 LEFT S		
16394		XA141	23		XA141	26		16B	9								SPA025	04	AYLSF0	01	1	TQ2	B4		11B			
04749		XA141	24		XA141	25		16B	9								AYLSCA	01	AYLSC0	01	2	TQ2	B1		13A			
04750		XA141	25		XA141	18		16B	9								AYLSCA	02	AYLSF0	01	2	TQ2	B4		12B			
16395		XA141	26		XA142	03		16B	9								SPA025	05	AYLSC0	01	1	TQ2	B1		14A			
04787		XA141	27					16B	9								AYLSF0	07	AYLSF0	00	1	TQ2	B4		13B	AY 25 - 31 LEFT S		
03346		XA141	28														+5V	01										
05918		XA141	29					16B	9								CMA6BP	04	AYK2CA	01	1	TQ2	C3		14B			
CONNECTOR		XA141	CONTINUED ON THE NEXT PAGE ****																									

DRAWING NUMBER 149012 880 CONNECTOR UNIT ASSEMBLY NO. 149012 REV E INDEX XA141
 UNIT ASSEMBLY NAME CARD CAGE ASSY, CPU L.H. FILE IDENT T39B2CP1 DATE 09-03-82 PAGE 72

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	SR	PREFIX	CONNECTOR	PIN	SR	MULTI GROUP	CODE	COLOR	IDENT											
04698		XA141	30							16B	9		AYK1CA	02	AYK1CA	00	1	TQ2	C2		15A	AY CONTROL 2 DCD	
05908		XA141	31							16B	9		CMA5BQ	03	AYK2CA	01	2	TQ2	C3		15B		
05924		XA141	32										GND		GROUND			TQ2			20B		
04702		XA141	33							16B	9		AYK2CA	02	AYK2CA	00	1	TQ2	C3		16B	AY CONTROL 2 DCD	
05921		XA141	34		XA140	11				16B	9		CMA6BQ	03	AYK1CA	01	2	TQ2	C2		16A		
05907		XA141	35		XA141	31				16B	9		CMA5BQ	02	AYK3CA	01	1	TQ2	C4		17B		
05904		XA141	36		XA141	40				16B	9		CMA5BP	05	AYK1CA	01	1	TQ2	C2		17A		
05920		XA141	37		XA141	34				16B	9		CMA6BQ	02	AYK3CA	01	2	TQ2	C4		18B		
04691		XA141	38		XA140	18				16B	9		AYK0CA	02	AYK0CA	00	1	TQ2	C1		18A	AY CONTROL 2 DCD	
04709		XA141	39		XA142	35				16B	9		AYK3CA	01	AYK3CA	00	1	TQ2	C4		19B	AY CONTROL 2 DCD	
05905		XA141	40							16B	9		CMA5BP	06	AYK0CA	01	2	TQ2	C1		19A		
05947		XA141	41							16B	9		CMA8BP	04	AYK6CA	01	1	TQ2	D3		22B		
05917		XA141	42		XA141	29				16B	9		CMA6BP	03	AYK0CA	01	1	TQ2	C1		20A		
05937		XA141	43							16B	9		CMA7BQ	03	AYK6CA	01	2	TQ2	D3		23B		
05953		XA141	44										GND		GROUND			TQ2			21B		
04731		XA141	45							16B	9		AYK6CA	02	AYK6CA	00	1	TQ2	D3		24B	AY CONTROL 1 DCD	
04726		XA141	46							16B	9		AYK5CA	02	AYK5CA	00	1	TQ2	D2		21A	AY CONTROL 1 DCD	
05936		XA141	47		XA141	43				16B	9		CMA7BQ	02	AYK7CA	01	1	TQ2	D4		25B		
05949		XA141	48		XA141	49				16B	9		CMA8BQ	02	AYK5CA	01	2	TQ2	D2		22A		
05950		XA141	49		XA136	18				16B	9		CMA6BQ	03	AYK7CA	01	2	TQ2	D4		26B		
05934		XA141	50							16B	9		CMA7BP	04	AYK5CA	01	1	TQ2	D2		23A		
04740		XA141	51							16B	9		AYK7CA	02	AYK7CA	00	1	TQ2	D4		27B	AY CONTROL 1 DCD	
04720		XA141	52		XA140	59				16B	9		AYK4CA	02	AYK4CA	00	1	TQ2	D1		24A	AY CONTROL 1 DCD	
08451		XA141	53		XA140	46				16B	9		DB29AA	02	AYM2CA	01	1	TQ2	E3		28B		
05933		XA141	54		XA141	50				16B	9		CMA7BP	03	AYK4CA	01	2	TQ2	D1		25A		
08397		XA141	55		XA140	56				16B	9		DB28AA	08	AYM2CA	01	2	TQ2	E3		29B		
05946		XA141	56		XA141	41				16B	9		CMA8BP	03	AYK4CA	01	1	TQ2	D1		26A		
04825		XA141	57							16B	9		AYM2CA	02	AYM2CA	00	1	TQ2	E3		30B	MASK GROUP 1 DCD	
10988		XA141	58										GND	01	GROUND			TQ2			27A		
08396		XA141	59		XA141	55				16B	9		DB28AA	07	AYM3CA	01	1	TQ2	E4		31B		
04818		XA141	60							16B	9		AYM1CA	02	AYM1CA	00	1	TQ2	E2		28A	MASK GROUP 1 DCD	
08456		XA141	61		XA141	62				16B	9		DB29AA	04	AYM3CA	01	2	TQ2	E4		32B		
08457		XA141	62		XA140	50				16B	9		DB29AA	05	AYM1CA	01	2	TQ2	E2		29A		
04832		XA141	63							16B	9		AYM3CA	02	AYM3CA	00	1	TQ2	E4		33B	MASK GROUP 1 DCD	
08388		XA141	64		XA140	52				16B	9		DB28AA	02	AYM1CA	01	1	TQ2	E2		30A		
08517		XA141	65		XA140	43				16B	9		DB30AA	05	AYM6CA	01	1	TQ2	F3		34B		
04811		XA141	66							16B	9		AYM0CA	02	AYM0CA	00	1	TQ2	E1		31A	MASK GROUP 1 DCD	
10989		XA141	67										GND	01	GROUND			TQ2			40A		
08387		XA141	68		XA141	64				16B	9		DB28AA	01	AYM0CA	01	2	TQ2	E1		32A		
04853		XA141	69							16B	9		AYM6CA	02	AYM6CA	00	1	TQ2	F3		35A	MASK GROUP 2 DCD	
08450		XA141	70		XA141	53				16B	9		DB29AA	01	AYM0CA	01	1	TQ2	E1		33A		
08576		XA141	71		XA140	68				16B	9		DB31AA	04	AYM5CA	01	2	TQ2	F2		36A		
04846		XA141	72							16B	9		AYM5CA	02	AYM5CA	00	1	TQ2	F2		34A	MASK GROUP 2 DCD	
08511		XA141	73		XA140	45				16B	9		DB30AA	02	AYM5CA	01	1	TQ2	F2		36B		
08571		XA141	74		XA140	51				16B	9		DB31AA	02	AYM6CA	01	2	TQ2	F3		35B		
04839		XA141	75							16B	9		AYM4CA	02	AYM4CA	00	1	TQ2	F1		37B	MASK GROUP 2 DCD	
08516		XA141	76		XA141	65				16B	9		DB30AA	04	AYM7CA	01	1	TQ2	F4		37A		
08510		XA141	77		XA141	73				16B	9		DB30AA	01	AYM4CA	01	2	TQ2	F1		38B		
08575		XA141	78		XA141	71				16B	9		DB31AA	03	AYM7CA	01	2	TQ2	F4		38A		
08570		XA141	79		XA141	74				16B	9		DB31AA	01	AYM4CA	01	1	TQ2	F1		39B		
CONNECTOR (XA141) CONTINUED ON THE NEXT PAGE ****																							

DRAWING NUMBER 149012 880 CONNECTOR UNIT ASSEMBLY NO. 149012 REV E INDEX XA141
 UNIT ASSEMBLY NAME CARD CAGE ASSY, CPU L.H. FILE IDENT T39B2CP1 DATE 09-03-82 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 PG	PREFIX	CONNECTOR	PIN	SH PG	MULTI GROUP	CODE	COLOR												IDENT
04860		XA141	80							16B	9		AYM7CA	02	AYM7CA	00	1	TQ2	F4		39A	MASK GROUP 2 DCD	
04521		XA142	01							16B	9		AYADDO	09	AYADDO	00	1	TQ2	A2		02B	ADDER TO AY 08 -	
10990		XA142	02									GND	01	GROUND			TQ2				01A		
16396		XA142	03		XA142	04				16B	9		SPA025	06	AYADE0	01	1	TQ2	A3		02A		
16397		XA142	04		XA142	10				16B	9		SPA025	07	AYADDO	01	1	TQ2	A2		04A		
04495		XA142	05		XA142	13				16B	9		AYADCA	02	AYADDO	01	2	TQ2	A2		03B		
04512		XA142	06							16B	9		AYADCO	10	AYADCO	00	1	TQ2	A1		05A	ADDER TO AY SE -	
04498		XA142	07		XA142	05				16B	9		AYADCA	01	AYADE0	01	2	TQ2	A3		03A		
04501		XA142	08		XA140	15				16B	9		AYADCA	04	AYADCO	01	2	TQ2	A1		06A		
04530		XA142	09							16B	9		AYADE0	09	AYADE0	00	1	TQ2	A3		04B	ADDER TO AY 16 -	
16398		XA142	10		XA142	11				16B	9		SPA025	08	AYADCO	01	1	TQ2	A1		07A		
16399		XA142	11		XA142	20				16B	9		SPA025	09	AYADFO	01	1	TQ2	A4		05B		
00347		XA142	12										+5V	01			TQ2						
04500		XA142	13		XA142	08				16B	9		AYADCA	03	AYADFO	01	2	TQ2	A4		06B		
04640		XA142	14							16B	9		AYDBDO	09	AYDBDO	00	1	TQ2	B2		09A	DB TO AY 08 - 15	
04531		XA142	15		XA145	23				16B	9		AYADFO	01	AYADFO	00	1	TQ2	A4		07B	ADDER TO AY 24 -	
10991		XA142	16										GND	04	GROUND			TQ2			01B		
04621		XA142	17		XA136	21				16B	9		AYDBCA	01	AYDBE0	01	1	TQ2	B3		08B		
04620		XA142	18		XA142	17				16B	9		AYDBCA	03	AYDBDO	01	2	TQ2	B2		10A		
04661		XA142	19		XA142	23				16B	9		AYDB1A	01	AYDBE0	01	2	TQ2	B3		09B		
16400		XA142	20		XA142	26				16B	9		SPA025	10	AYDBDO	01	1	TQ2	B2		11A		
04645		XA142	21							16B	9		AYDBE0	09	AYDBE0	00	1	TQ2	B3		10B	DB TO AY 16 - 23	
04631		XA142	22							16B	9		AYDBCO	09	AYDBCO	00	1	TQ2	B1		12A	DB TO AY 00 - 07	
04662		XA142	23		XA140	22				16B	9		AYDB1A	02	AYDBFO	01	1	TQ2	B4		11B		
04618		XA142	24		XA142	25				16B	9		AYDBCA	01	AYDBCO	01	2	TQ2	B1		13A		
04619		XA142	25		XA142	18				16B	9		AYDBCA	02	AYDBFO	01	2	TQ2	B4		12B		
16401		XA142	26							16B	9		SPA025	11	AYDBCO	01	1	TQ2	B1		14A		
04650		XA142	27		XA145	13				16B	9		AYDBFO	01	AYDBFO	00	1	TQ2	B4		13B	DB TO AY 24 - 31	
00348		XA142	28										+5V	01			TQ2						
16403		XA142	29		XA142	36				16B	9		SPA026	02	AYK2CO	01	1	TQ2	C3		14B		
04699		XA142	30		XA141	04				16B	9		AYK1CO	01	AYK1CO	00	1	TQ2	C2		15A	AY CONTROL 2 DCD	
04701		XA142	31		XA141	33				16B	9		AYK2CA	01	AYK2CO	01	2	TQ2	C3		15B		
10992		XA142	32										GND	01	GROUND			TQ2			20B		
04705		XA142	33		XA140	55				16B	9		AYK2CO	03	AYK2CO	00	1	TQ2	C3		16B	AY CONTROL 2 DCD	
04697		XA142	34		XA141	30				16B	9		AYK1CA	01	AYK1CO	01	2	TQ2	C2		16A		
04710		XA142	35		XA140	20				16B	9		AYK3CA	02	AYK3CO	01	1	TQ2	C4		17B		
16404		XA142	36		XA142	37				16B	9		SPA026	03	AYK1CO	01	1	TQ2	C2		17A		
16405		XA142	37		XA142	41				16B	9		SPA026	04	AYK3CO	01	2	TQ2	C4		18B		
04695		XA142	38		XA141	13				16B	9		AYK0CO	03	AYK0CO	00	1	TQ2	C1		18A	AY CONTROL 2 DCD	
04714		XA142	39		XA140	61				16B	9		AYK3CO	03	AYK3CO	00	1	TQ2	C4		19B	AY CONTROL 2 DCD	
04690		XA142	40		XA141	38				16B	9		AYK0CA	01	AYK0CO	01	2	TQ2	C1		19A		
16406		XA142	41		XA142	42				16B	9		SPA026	05	AYK6CO	01	1	TQ2	D3		22B		
16407		XA142	42		XA142	47				16B	9		SPA026	06	AYK0CO	01	1	TQ2	C1		20A		
04730		XA142	43		XA141	45				16B	9		AYK6CA	01	AYK6CO	01	2	TQ2	D3		23B		
10993		XA142	44										GND	01	GROUND			TQ2			21B		
04737		XA142	45		XA140	78				16B	9		AYK6CO	06	AYK6CO	00	1	TQ2	D3		24B	AY CONTROL 1 DCD	
04728		XA142	46		XA140	53				16B	9		AYK5CO	02	AYK5CO	00	1	TQ2	D2		21A	AY CONTROL 1 DCD	
16408		XA142	47		XA142	50				16B	9		SPA026	07	AYK7CO	01	1	TQ2	D4		25B		
CONNECTOR (XA142) CONTINUED ON THE NEXT PAGE ****																							

DRAWING NUMBER 149012 880 CONNECTOR UNIT ASSEMBLY NO. 149012 REV E INDEX XA142
 UNIT ASSEMBLY NAME CARD CAGE ASSY, CPU L.H. FILE IDENT T39B2CP1 DATE 09-03-82 PAGE 74

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	SK PG	PREFIX	CONNECTOR	PIN	SK PG	MULTI GROUP	CODE	COLOR	IDENT											
04725		XA142	48		XA141	46			16B	9			AYK5CA	01	AYK5C0	01	2	TQ2	D2		22A		
04739		XA142	49		XA141	51			16B	9			AYK7CA	01	AYK7C0	01	2	TQ2	D4		26B		
16409		XA142	50		XA142	53			16B	9			SPA026	08	AYK5C0	01	1	TQ2	D2		23A		
04745		XA142	51		XA140	74			16B	9			AYK7C0	05	AYK7C0	00	1	TQ2	D4		27B	AY CONTROL 1 DCD	
04723		XA142	52		XA131	72			16B	9			AYK4C0	02	AYK4C0	00	1	TQ2	D1		24A	AY CONTROL 1 DCD	
16410		XA142	53		XA142	56			16B	9			SPA026	09	AYM2C0	01	1	TQ2	E3		28B		
04719		XA142	54		XA141	52			16B	9			AYK4CA	01	AYK4C0	01	2	TQ2	D1		25A		
04824		XA142	55		XA141	57			16B	9			AYM2CA	01	AYM2C0	01	2	TQ2	E3		29B		
16411		XA142	56		XA147	22			16B	9			SPA026	10	AYK4C0	01	1	TQ2	D1		26A		
04830		XA142	57						16B	9			AYM2C0	05	AYM2C0	00	1	TQ2	E3		30B	MASK GROUP 1 DCD	
10994		XA142	58										GND	01	GROUND						27A		
16550		XA142	59		XA143	19			16B	9			SPA041	02	AYM3C0	01	1	TQ2	E4		31B		
04823		XA142	60						16B	9			AYM1C0	05	AYM1C0	00	1	TQ2	E2		28A	MASK GROUP 1 DCD	
04831		XA142	61		XA141	63			16B	9			AYM3CA	01	AYM3C0	01	2	TQ2	E4		32B		
04817		XA142	62		XA141	60			16B	9			AYM1CA	01	AYM1C0	01	2	TQ2	E2		29A		
04836		XA142	63		XA143	18			16B	9			AYM3C0	04	AYM3C0	00	1	TQ2	E4		33B	MASK GROUP 1 DCD	
16414		XA142	64		XA142	65			16B	9			SPA027	02	AYM1C0	01	1	TQ2	E2		30A		
16415		XA142	65		XA142	70			16B	9			SPA027	03	AYM6C0	01	1	TQ2	F3		34B		
04816		XA142	66						16B	9			AYM0C0	05	AYM0C0	00	1	TQ2	E1		31A	MASK GROUP 1 DCD	
10995		XA142	67										GND	01	GROUND						40A		
04810		XA142	68		XA141	66			16B	9			AYM0CA	01	AYM0C0	01	2	TQ2	E1		32A		
04858		XA142	69						16B	9			AYM6C0	05	AYM6C0	00	1	TQ2	F3		35A	MASK GROUP 2 DCD	
16416		XA142	70		XA142	73			16B	9			SPA027	04	AYM0C0	01	1	TQ2	E1		33A		
04845		XA142	71		XA141	72			16B	9			AYM5CA	01	AYM5C0	01	2	TQ2	F2		36A		
04848		XA142	72		XA144	45			16B	9			AYM5C0	02	AYM5C0	00	1	TQ2	F2		34A	MASK GROUP 2 DCD	
16417		XA142	73		XA142	76			16B	9			SPA027	05	AYM5C0	01	1	TQ2	F2		36B		
04852		XA142	74		XA141	69			16B	9			AYM6CA	01	AYM6C0	01	2	TQ2	F3		35B		
04844		XA142	75						16B	9			AYM4C0	05	AYM4C0	00	1	TQ2	F1		37B	MASK GROUP 2 DCD	
16418		XA142	76		XA142	79			16B	9			SPA027	06	AYM7C0	01	1	TQ2	F4		37A		
04838		XA142	77		XA141	75			16B	9			AYM4CA	01	AYM4C0	01	2	TQ2	F1		38B		
04859		XA142	78		XA141	80			16B	9			AYM7CA	01	AYM7C0	01	2	TQ2	F4		38A		
16419		XA142	79		XA143	01			16B	9			SPA027	07	AYM4C0	01	1	TQ2	F1		39B		
04865		XA142	80						16B	9			AYM7C0	05	AYM7C0	00	1	TQ2	F4		39A	MASK GROUP 2 DCD	
16420		XA143	01		XA143	06			16B	9			SPA027	08	AYH1CA	01	3	TD4	A2		02B		
10996		XA143	02										GND	01	GROUND						01A		
08892		XA143	03										DNW	01									
04688		XA143	04		XA140	39			16B	9			AYH120	01	AYH1CA	01	1	TD4	A2		04A		
05259		XA143	05		XA146	03			16B	9			AY16BQ	05	AYH1CA	01	2	TD4	A2		03B		
16421		XA143	06		XA145	78			16B	9			SPA027	09	AYH0CA	01	3	TD4	A1		05A		
04684		XA143	07		XA140	33			16B	9			AYH110	01	AYH1CA	01	4	TD4	A2		03A		
04674		XA143	08		XA140	38			16B	9			AYH010	01	AYH0CA	01	2	TD4	A1		06A		
04680		XA143	09		XA141	08			16B	9			AYH1CA	01	AYH1CA	00	1	TD4	A2		04B	AY ONES DECODE -	
05254		XA143	10						16B	9			AY16BP	04	AYH0CA	01	1	TD4	A1		07A		
04670		XA143	11		XA141	10			16B	9			AYH0CA	01	AYH0CA	00	1	TD4	A1		05B	AY ZERO DECODE -	
00349		XA143	12										+5V	01									
04678		XA143	13		XA140	30			16B	9			AYH020	01	AYH0CA	01	4	TD4	A1		06B		
04861		XA143	14		XA144	25			16B	9			AYM7C0	01	AY314A	01	3	TD4	B2		09A		
08893		XA143	15										DNW	01									
CONNECTOR		XA143	CONTINUED ON THE NEXT PAGE ****																				

DRAWING NUMBER 149012 880 CONNECTOR UNIT ASSEMBLY NO. 149012 REV E INDEX XA143
 UNIT ASSEMBLY NAME CARD CAGE ASSY, CPU L.H. FILE IDENT T39B2CP1 DATE 09-03-82 PAGE 75

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											
10997		XA143	16								GND	01	GRDUND								
08894		XA143	17								DNW	01							20B		
04837		XA143	18					16B	9		AYM3C0	05	AY314A	01	2	TD4	B2		10A		
16551		XA143	19		XA147	06		16B	9		SPA041	03	AY314A	01	4	TD4	B2		09B		
04808		XA143	20		XA140	09		16B	9		AYMKD0	08	AY314A	01	1	TD4	B2		11A		
05601		XA143	21		XA132	72		16B	9		AY314A	01	AY314A	00	1	TD4	B2		10B	MASK DCD 15 TO AY	
04659		XA143	22		XA140	14		16B	9		AYDBG0	01	AYSE1A	01	3	TD4	B1		12A		
04892		XA143	23					16B	9		AYSE1A	02	AYSE1A	00	1	TD4	B1		11B	BUS 00 TO AY SE	
16555		XA143	24		XA147	08		16B	9		SPA042	02	AYSE1A	01	2	TD4	B1		13A		
07265		XA143	25		XA129	06		16B	9		DB00A0	06	AYSE1A	01	4	TD4	B1		12B		
04727		XA143	26		XA142	46		16B	9		AYK5C0	01	AYSE1A	01	1	TD4	B1		14A		
08895		XA143	27								DNW	01									
00350		XA143	28								+5V	01									
08896		XA143	29								DNW	01									
05456		XA143	30					16B	9		AY241A	02	AY2490	01	3	TD4	C2		15A		
05462		XA143	31					16B	9		AY244A	02	AY2490	01	4	TD4	C2		15B		
10998		XA143	32								GND	01	GROUND						21B		
05463		XA143	33		XA137	18		16B	9		AY2490	01	AY2490	00	1	TD4	C2		16B	AY 24 INPUT DATA	
05460		XA143	34					16B	9		AY243A	02	AY2490	01	2	TD4	C2		16A		
05443		XA143	35		XA137	24		16B	9		AY2390	01	AY2390	00	1	TD4	C1		17B	AY 23 INPUT DATA	
05458		XA143	36					16B	9		AY242A	02	AY2490	01	1	TD4	C2		17A		
05440		XA143	37					16B	9		AY233A	02	AY2390	01	4	TD4	C1		18B		
05438		XA143	38					16B	9		AY232A	02	AY2390	01	3	TD4	C1		18A		
08897		XA143	39								DNW	01									
05436		XA143	40					16B	9		AY231A	02	AY2390	01	2	TD4	C1		19A		
08898		XA143	41								DNW	01									
05442		XA143	42					16B	9		AY234A	02	AY2390	01	1	TD4	C1		20A		
05507		XA143	43					16B	9		AY264A	02	AY2690	01	4	TD4	D2		23B		
10999		XA143	44								GND	01	GROUND						27A		
05508		XA143	45		XA137	34		16B	9		AY2690	01	AY2690	00	1	TD4	D2		24B	AY 26 INPUT DATA	
05501		XA143	46					16B	9		AY261A	02	AY2690	01	3	TD4	D2		21A		
05488		XA143	47		XA137	40		16B	9		AY2590	01	AY2590	00	1	TD4	D1		25B	AY 25 INPUT DATA	
05503		XA143	48					16B	9		AY262A	02	AY2690	01	2	TD4	D2		22A		
05487		XA143	49					16B	9		AY254A	02	AY2590	01	4	TD4	D1		26B		
05505		XA143	50					16B	9		AY263A	02	AY2690	01	1	TD4	D2		23A		
08899		XA143	51								DNW	01									
05481		XA143	52					16B	9		AY251A	02	AY2590	01	3	TD4	D1		24A		
08900		XA143	53								DNW	01									
05483		XA143	54					16B	9		AY252A	02	AY2590	01	2	TD4	D1		25A		
05547		XA143	55					16B	9		AY284A	02	AY2890	01	4	TD4	E2		29B		
05485		XA143	56					16B	9		AY253A	02	AY2590	01	1	TD4	D1		26A		
05548		XA143	57		XA137	48		16B	9		AY2890	01	AY2890	00	1	TD4	E2		30B	AY 28 INPUT DATA	
11000		XA143	58								GND	01	GROUND						40A		
05528		XA143	59		XA137	54		16B	9		AY2790	01	AY2790	00	1	TD4	E1		31B	AY 27 INPUT DATA	
05545		XA143	60					16B	9		AY283A	02	AY2890	01	3	TD4	E2		28A		
05523		XA143	61					16B	9		AY272A	02	AY2790	01	4	TD4	E1		32B		
05541		XA143	62					16B	9		AY281A	02	AY2890	01	2	TD4	E2		29A		
08901		XA143	63								DNW	01									
05543		XA143	64					16B	9		AY282A	02	AY2890	01	1	TD4	E2		30A		
08902		XA143	65								DNW	01									
CONNECTOR (XA143) CONTINUED ON THE NEXT PAGE ****																					

DRAWING NUMBER 149012 880 CONNECTOR UNIT ASSEMBLY NO. 149012 REV E INDEX XA143
 UNIT ASSEMBLY NAME CARD CAGE ASSY, CPU L.H. FILE IDENT T39B2CP1 DATE 09-03-82 PAGE 76

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	DR FEG	MULTI GROUP	CODE	COLOR												
05521		XA143	66					16B	9			AY271A	02	AY2790	01	3	TD4	E1		31A		
11001		XA143	67									GND	01	GROUND			TD4			40B		
05525		XA143	68					16B	9			AY273A	02	AY2790	01	2	TD4	E1		32A		
05588		XA143	69		XA137	62						AY3090	01	AY3090	00	1	TD4	F2		35A	AY 30 DATA INPUT	
05527		XA143	70					16B	9			AY274A	02	AY2790	01	1	TD4	E1		33A		
05583		XA143	71					16B	9			AY302A	02	AY3090	01	2	TD4	F2		36A		
05581		XA143	72					16B	9			AY301A	02	AY3090	01	3	TD4	F2		34A		
05587		XA143	73					16B	9			AY307A	02	AY3090	01	1	TD4	F2		36B		
05585		XA143	74					16B	9			AY304A	02	AY3090	01	4	TD4	F2		35B		
05565		XA143	75					16B	9			AY293A	02	AY2990	01	3	TD4	F1		37B		
05568		XA143	76		XA137	68						AY2990	01	AY2990	00	1	TD4	F1		37A	AY 29 INPUT DATA	
05563		XA143	77					16B	9			AY292A	02	AY2990	01	2	TD4	F1		38B		
05561		XA143	78					16B	9			AY291A	02	AY2990	01	4	TD4	F1		38A		
05567		XA143	79					16B	9			AY294A	02	AY2990	01	1	TD4	F1		39B		
08903		XA143	80									DNW	01				TD4					
04945		XA144	01		XA151	26		16B	9			AY01BQ	04	AY016A	01	2	TT3	A2		02B		
11002		XA144	02									GND	01	GROUND			TT3			01B		
04703		XA144	03		XA144	08		16B	9			AYK2C0	01	AY016A	01	3	TT3	A2		02A		
04934		XA144	04					16B	9			AY006A	02	AY006A	00	1	TT3	A1		04A	RECIRCULATE AY 00	
04743		XA144	05		XA144	06		16B	9			AYK7C0	03	AY016A	01	1	TT3	A2		03B		
04744		XA144	06		XA142	51		16B	9			AYK7C0	04	AY006A	01	3	TT3	A1		05A		
04957		XA144	07					16B	9			AY016A	02	AY016A	00	1	TT3	A2		03A	RECIRCULATE AY 01	
04704		XA144	08		XA142	33		16B	9			AYK2C0	02	AY006A	01	2	TT3	A1		06A		
04840		XA144	09		XA144	38		16B	9			AYM4C0	01	AY164A	01	1	TT3	A3		04B		
04919		XA144	10		XA139	07		16B	9			AY00BQ	05	AY006A	01	1	TT3	A1		07A		
04812		XA144	11		XA144	17		16B	9			AYM0C0	01	AY164A	01	2	TT3	A3		05B		
00351		XA144	12									+5V	01				TT3					
04799		XA144	13		XA140	01		16B	9			AYMKC0	08	AY164A	01	3	TT3	A3		06B		
04798		XA144	14		XA144	13		16B	9			AYMKC0	07	AY184A	01	2	TT3	B2		09A		
05274		XA144	15					16B	9			AY164A	02	AY164A	00	1	TT3	A3		07B	MASK DCD 00 TO AY	
11003		XA144	16									GND	01	GROUND			TT3			21B		
04813		XA144	17		XA144	21		16B	9			AYM0C0	02	AY184A	01	3	TT3	B2		08B		
04854		XA144	18		XA144	37		16B	9			AYM6C0	01	AY184A	01	1	TT3	B2		10A		
05320		XA144	19					16B	9			AY184A	02	AY184A	00	1	TT3	B2		09B	MASK DCD 02 TO AY	
05297		XA144	20					16B	9			AY174A	02	AY174A	00	1	TT3	B1		11A	MASK DCD 01 OT AY	
04814		XA144	21		XA144	24		16B	9			AYM0C0	03	AY194A	01	1	TT3	B3		10B		
04851		XA144	22					16B	9			AYM5C0	05	AY174A	01	3	TT3	B1		12A		
04797		XA144	23		XA144	14		16B	9			AYMKC0	06	AY194A	01	2	TT3	B3		11B		
04815		XA144	24		XA142	66		16B	9			AYM0C0	04	AY174A	01	2	TT3	B1		13A		
04862		XA144	25		XA144	56		16B	9			AYM7C0	02	AY194A	01	3	TT3	B3		12B		
04796		XA144	26		XA144	23		16B	9			AYMKC0	05	AY174A	01	1	TT3	B1		14A		
05340		XA144	27					16B	9			AY194A	02	AY194A	00	1	TT3	B3		13B	MASK DCD 03 TO AY	
00352		XA144	28									+5V	01				TT3					
04819		XA144	29		XA144	33		16B	9			AYM1C0	01	AY214A	01	3	TT3	C2		14B		
04795		XA144	30		XA144	26		16B	9			AYMKC0	04	AY214A	01	2	TT3	C2		15A		
05384		XA144	31					16B	9			AY214A	02	AY214A	00	1	TT3	C2		15B	MASK DCD 05 TO AY	
11004		XA144	32									GND	01	GROUND			TT3			27A		
04820		XA144	33		XA144	42		16B	9			AYM1C0	02	AY224A	01	1	TT3	C3		16B		
CONNECTOR	XA144	CONTINUED ON THE NEXT PAGE ****																				

DRAWING NUMBER 149012 880 CONNECTOR UNIT ASSEMBLY NO. 149012 REV E INDEX XA144
 UNIT ASSEMBLY NAME CARD CAGE ASSY, CPU L.H. FILE IDENT T39B2CP1 DATE 09-03-82 PAGE 77

RECORD NUMBER	FROM				TO				WIRE			SFC INST MISC	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	SFC	PREFIX	CONNECTOR	PIN	SFC	MULTI GROUP	CODE	COLOR												
04850		XA144	34										AYM5C0	04	AY214A	01	1	TT3	C2		16A		
04794		XA144	35			XA144	30						AYMKC0	03	AY224A	01	2	TT3	C3		17B		
05360		XA144	36										AY204A	02	AY204A	00	1	TT3	C1		17A	MASK DCD 04 TO AY	
04855		XA144	37			XA144	68						AYM6C0	02	AY224A	01	3	TT3	C3		18B		
04841		XA144	38			XA144	48						AYM4C0	02	AY204A	01	3	TT3	C1		18A		
05420		XA144	39										AY224A	02	AY224A	00	1	TT3	C3		19B	MASK DCD 06 TO AY	
04793		XA144	40			XA144	35						AYMKC0	02	AY204A	01	2	TT3	C1		19A		
04807		XA144	41			XA143	20						AYMKD0	07	AY244A	01	3	TT3	D2		22B		
04821		XA144	42			XA144	52						AYMIC0	03	AY204A	01	1	TT3	C1		20A		
05461		XA144	43			XA143	31						AY244A	01	AY244A	00	1	TT3	D2		23B	MASK DCD 08 TO AY	
11005		XA144	44										GND	01	GROUND			TT3			40A		
04849		XA144	45			XA144	34						AYM5C0	03	AY254A	01	1	TT3	D3		24B		
04826		XA144	46			XA144	49						AYM2C0	01	AY244A	01	2	TT3	D2		21A		
04806		XA144	47			XA144	41						AYMKD0	06	AY254A	01	2	TT3	D3		25B		
04842		XA144	48			XA144	57						AYM4C0	03	AY244A	01	1	TT3	D2		22A		
04827		XA144	49			XA144	62						AYM2C0	02	AY254A	01	3	TT3	D3		26B		
05441		XA144	50			XA143	42						AY234A	01	AY234A	00	1	TT3	D1		23A	MASK DCD 07 TO AY	
05486		XA144	51			XA143	49						AY254A	01	AY254A	00	1	TT3	D3		27B	MASK DCD 09 TO AY	
04822		XA144	52			XA142	60						AYMIC0	04	AY234A	01	3	TT3	D1		24A		
04805		XA144	53			XA144	47						AYMKD0	05	AY274A	01	3	TT3	E2		28B		
04792		XA144	54			XA144	40						AYMKC0	01	AY234A	01	2	TT3	D1		25A		
05526		XA144	55			XA143	70						AY274A	01	AY274A	00	1	TT3	E2		29B	MASK DCD 11 TO AY	
04863		XA144	56			XA144	60						AYM7C0	03	AY234A	01	1	TT3	D1		26A		
04843		XA144	57			XA142	75						AYM4C0	04	AY284A	01	1	TT3	E3		30B		
11006		XA144	58										GND	01	GROUND			TT3			40B		
04804		XA144	59			XA144	53						AYMKD0	04	AY284A	01	2	TT3	E3		31B		
04864		XA144	60			XA142	80						AYM7C0	04	AY274A	01	2	TT3	E2		28A		
04835		XA144	61			XA142	63						AYM3C0	03	AY284A	01	3	TT3	E3		32B		
04828		XA144	62			XA144	66						AYM2C0	03	AY274A	01	1	TT3	E2		29A		
05546		XA144	63			XA143	55						AY284A	01	AY284A	00	1	TT3	E3		33B	MASK DCD 12 TO AY	
05506		XA144	64			XA143	43						AY264A	01	AY264A	00	1	TT3	E1		30A	MASK DCD 10 TO AY	
04857		XA144	65			XA142	69						AYM6C0	04	AY304A	01	3	TT3	F2		34B		
04829		XA144	66			XA142	57						AYM2C0	04	AY264A	01	3	TT3	E1		31A		
11007		XA144	67										GND	01	GROUND			TT3					
04856		XA144	68			XA144	65						AYM6C0	03	AY264A	01	2	TT3	E1		32A		
04747		XA144	69			XA130	76						AYK7C0	07	AY307A	01	1	TT3	F3		35A		
04803		XA144	70			XA144	59						AYMKD0	03	AY264A	01	1	TT3	E1		33A		
04802		XA144	71			XA144	70						AYMKD0	02	AY304A	01	1	TT3	F2		36A		
04834		XA144	72			XA144	61						AYM3C0	02	AY304A	01	2	TT3	F2		34A		
05566		XA144	73			XA143	79						AY294A	01	AY294A	00	1	TT3	F1		36B	MASK DCD 13 TO AY	
05584		XA144	74			XA143	74						AY304A	01	AY304A	00	1	TT3	F2		35B	MASK DCD 14 TO AY	
04833		XA144	75			XA144	72						AYM3C0	01	AY294A	01	3	TT3	F1		37B		
04717		XA144	76			XA131	73						AYK3C0	06	AY307A	01	2	TT3	F3		37A		
04801		XA144	77			XA144	71						AYMKD0	01	AY294A	01	2	TT3	F1		38B		
03220		XA144	78			XA245	48						AL00C0	01	AY307A	01	3	TT3	F3		38A		
04847		XA144	79			XA142	72						AYM5C0	01	AY294A	01	1	TT3	F1		39B		
05586		XA144	80			XA143	73						AY307A	01	AY307A	00	1	TT3	F3		39A	AL 00 TO AY 30	

DRAWING NUMBER 149012 880 CONNECTOR
 UNIT ASSEMBLY NAME CARD CAGE ASSY, CPU L.H.

UNIT ASSEMBLY NO. 149012
 FILE IDENT T39B2CP1

REV E INDEX XA143
 DATE 09-03-82 PAGE 76

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	OR	PREFIX	CONNECTOR	PIN	OR	MULTI GROUP	CODE	COLOR												
05521		XA143	66							16B	9		AY271A	02	AY2790	01	3	TD4	E1		31A		
11001		XA143	67									GND	01	GROUND				TD4			40B		
05525		XA143	68							16B	9		AY273A	02	AY2790	01	2	TD4	E1		32A		
05588		XA143	69		XA137	62				16B	9		AY3090	01	AY3090	00	1	TD4	F2		35A	AY 30 DATA INPUT	
05527		XA143	70							16B	9		AY274A	02	AY2790	01	1	TD4	E1		33A		
05583		XA143	71							16B	9		AY302A	02	AY3090	01	2	TD4	F2		36A		
05581		XA143	72							16B	9		AY301A	02	AY3090	01	3	TD4	F2		34A		
05587		XA143	73							16B	9		AY307A	02	AY3090	01	1	TD4	F2		36B		
05585		XA143	74							16B	9		AY304A	02	AY3090	01	4	TD4	F2		35B		
05565		XA143	75							16B	9		AY293A	02	AY2990	01	3	TD4	F1		37B		
05568		XA143	76		XA137	68				16B	9		AY2990	01	AY2990	00	1	TD4	F1		37A	AY 29 INPUT DATA	
05563		XA143	77							16B	9		AY292A	02	AY2990	01	2	TD4	F1		38B		
05561		XA143	78							16B	9		AY291A	02	AY2990	01	4	TD4	F1		38A		
05567		XA143	79							16B	9		AY294A	02	AY2990	01	1	TD4	F1		39B		
08903		XA143	80										DNW	01				TD4					
04945		XA144	01		XA151	26				16B	9		AY01BQ	04	AY016A	01	2	TT3	A2		02B		
11002		XA144	02										GND	01	GROUND			TT3			01B		
04703		XA144	03		XA144	08				16B	9		AYK2C0	01	AY016A	01	3	TT3	A2		02A		
04934		XA144	04							16B	9		AY006A	02	AY006A	00	1	TT3	A1		04A	RECIRCULATE AY 00	
04743		XA144	05		XA144	06				16B	9		AYK7C0	03	AY016A	01	1	TT3	A2		03B		
04744		XA144	06		XA142	51				16B	9		AYK7C0	04	AY006A	01	3	TT3	A1		05A		
04957		XA144	07							16B	9		AY016A	02	AY016A	00	1	TT3	A2		03A	RECIRCULATE AY 01	
04704		XA144	08		XA142	33				16B	9		AYK2C0	02	AY006A	01	2	TT3	A1		06A		
04840		XA144	09		XA144	38				16B	9		AYM4C0	01	AY164A	01	1	TT3	A3		04B		
04919		XA144	10		XA139	07				16B	9		AY00BQ	05	AY006A	01	1	TT3	A1		07A		
04812		XA144	11		XA144	17				16B	9		AYM0C0	01	AY164A	01	2	TT3	A3		05B		
00351		XA144	12										+5V	01				TT3					
04799		XA144	13		XA140	01				16B	9		AYMKC0	08	AY164A	01	3	TT3	A3		06B		
04798		XA144	14		XA144	13				16B	9		AYMKC0	07	AY184A	01	2	TT3	B2		09A		
05274		XA144	15							16B	9		AY164A	02	AY164A	00	1	TT3	A3		07B	MASK DCD 00 TO AY	
11003		XA144	16										GND	01	GROUND			TT3			21B		
04813		XA144	17		XA144	21				16B	9		AYM0C0	02	AY184A	01	3	TT3	B2		08B		
04854		XA144	18		XA144	37				16B	9		AYM6C0	01	AY184A	01	1	TT3	B2		10A		
05320		XA144	19							16B	9		AY184A	02	AY184A	00	1	TT3	B2		09B	MASK DCD 02 TO AY	
05297		XA144	20							16B	9		AY174A	02	AY174A	00	1	TT3	B1		11A	MASK DCD 01 TO AY	
04814		XA144	21		XA144	24				16B	9		AYM0C0	03	AY194A	01	1	TT3	B3		10B		
04851		XA144	22							16B	9		AYM5C0	05	AY174A	01	3	TT3	B1		12A		
04797		XA144	23		XA144	14				16B	9		AYMKC0	06	AY194A	01	2	TT3	B3		11B		
04815		XA144	24		XA142	66				16B	9		AYM0C0	04	AY174A	01	2	TT3	B1		13A		
04862		XA144	25		XA144	56				16B	9		AYM7C0	02	AY194A	01	3	TT3	B3		12B		
04796		XA144	26		XA144	23				16B	9		AYMKC0	05	AY174A	01	1	TT3	B1		14A		
05340		XA144	27							16B	9		AY194A	02	AY194A	00	1	TT3	B3		13B	MASK DCD 03 TO AY	
00352		XA144	28										+5V	01				TT3					
04819		XA144	29		XA144	33				16B	9		AYM1C0	01	AY214A	01	3	TT3	C2		14B		
04795		XA144	30		XA144	26				16B	9		AYMKC0	04	AY214A	01	2	TT3	C2		15A		
05384		XA144	31							16B	9		AY214A	02	AY214A	00	1	TT3	C2		15B	MASK DCD 05 TO AY	
11004		XA144	32										GND	01	GROUND			TT3			27A		
04820		XA144	33		XA144	42				16B	9		AYM1C0	02	AY224A	01	1	TT3	C3		16B		
CONNECTOR		XA144	CONTINUED ON THE NEXT PAGE ****																				

DRAWING NUMBER 149012 880 CONNECTOR UNIT ASSEMBLY NO. 149012 REV E INDEX XA144
 UNIT ASSEMBLY NAME CARD CAGE ASSY, CPU L.H. FILE IDENT T39B2CP1 DATE 09-03-82 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	DR ID	PREFIX	CONNECTOR	PIN	DR ID	MULTI GROUP	CODE	COLOR	IDENT											
04850		XA144	34			XA144	22			16B	9		AYM5C0	04	AY214A	01	1	TT3	C2		16A		
04794		XA144	35			XA144	30			16B	9		AYMKC0	03	AY224A	01	2	TT3	C3		17B		
05360		XA144	36							16B	9		AY204A	02	AY204A	00	1	TT3	C1		17A	MASK DCD 04 TO AY	
04855		XA144	37			XA144	68			16B	9		AYM6C0	02	AY224A	01	3	TT3	C3		18B		
04841		XA144	38			XA144	48			16B	9		AYM4C0	02	AY204A	01	3	TT3	C1		18A		
05420		XA144	39							16B	9		AY224A	02	AY224A	00	1	TT3	C3		19B	MASK DCD 06 TO AY	
04793		XA144	40			XA144	35			16B	9		AYMKC0	02	AY204A	01	2	TT3	C1		19A		
04807		XA144	41			XA143	20			16B	9		AYMKD0	07	AY244A	01	3	TT3	D2		22B		
04821		XA144	42			XA144	52			16B	9		AYM1C0	03	AY204A	01	1	TT3	C1		20A		
05461		XA144	43			XA143	31			16B	9		AY244A	01	AY244A	00	1	TT3	D2		23B	MASK DCD 08 TO AY	
11005		XA144	44										GND	01	GROUND						40A		
04849		XA144	45			XA144	34			16B	9		AYM5C0	03	AY254A	01	1	TT3	D3		24B		
04826		XA144	46			XA144	49			16B	9		AYM2C0	01	AY244A	01	2	TT3	D2		21A		
04806		XA144	47			XA144	41			16B	9		AYMKD0	06	AY254A	01	2	TT3	D3		25B		
04842		XA144	48			XA144	57			16B	9		AYM4C0	03	AY244A	01	1	TT3	D2		22A		
04827		XA144	49			XA144	62			16B	9		AYM2C0	02	AY254A	01	3	TT3	D3		26B		
05441		XA144	50			XA143	42			16B	9		AY234A	01	AY234A	00	1	TT3	D1		23A	MASK DCD 07 TO AY	
05486		XA144	51			XA143	49			16B	9		AY254A	01	AY254A	00	1	TT3	D3		27B	MASK DCD 09 TO AY	
04822		XA144	52			XA142	60			16B	9		AYM1C0	04	AY234A	01	3	TT3	D1		24A		
04805		XA144	53			XA144	47			16B	9		AYMKD0	05	AY274A	01	3	TT3	E2		28B		
04792		XA144	54			XA144	40			16B	9		AYMKC0	01	AY234A	01	2	TT3	D1		25A		
05526		XA144	55			XA143	70			16B	9		AY274A	01	AY274A	00	1	TT3	E2		29B	MASK DCD 11 TO AY	
04863		XA144	56			XA144	60			16B	9		AYM7C0	03	AY234A	01	1	TT3	D1		26A		
04843		XA144	57			XA142	75			16B	9		AYM4C0	04	AY284A	01	1	TT3	E3		30B		
11006		XA144	58										GND	01	GROUND						40B		
04804		XA144	59			XA144	53			16B	9		AYMKD0	04	AY284A	01	2	TT3	E3		31B		
04864		XA144	60			XA142	80			16B	9		AYM7C0	04	AY274A	01	2	TT3	E2		28A		
04835		XA144	61			XA142	63			16B	9		AYM3C0	03	AY284A	01	3	TT3	E3		32B		
04828		XA144	62			XA144	66			16B	9		AYM2C0	03	AY274A	01	1	TT3	E2		29A		
05546		XA144	63			XA143	55			16B	9		AY284A	01	AY284A	00	1	TT3	E3		33B	MASK DCD 12 TO AY	
05506		XA144	64			XA143	43			16B	9		AY264A	01	AY264A	00	1	TT3	F1		30A	MASK DCD 10 TO AY	
04857		XA144	65			XA142	69			16B	9		AYM6C0	04	AY304A	01	3	TT3	F2		34B		
04829		XA144	66			XA142	57			16B	9		AYM2C0	04	AY264A	01	3	TT3	E1		31A		
11007		XA144	67										GND	01	GROUND								
04856		XA144	68			XA144	65			16B	9		AYM6C0	03	AY264A	01	2	TT3	E1		32A		
04747		XA144	69			XA130	76			16B	9		AYK7C0	07	AY307A	01	1	TT3	F3		35A		
04803		XA144	70			XA144	59			16B	9		AYMKD0	03	AY264A	01	1	TT3	E1		33A		
04802		XA144	71			XA144	70			16B	9		AYMKD0	02	AY304A	01	1	TT3	F2		36A		
04834		XA144	72			XA144	61			16B	9		AYM3C0	02	AY304A	01	2	TT3	F2		34A		
05566		XA144	73			XA143	79			16B	9		AY294A	01	AY294A	00	1	TT3	F1		36B	MASK DCD 13 TO AY	
05584		XA144	74			XA143	74			16B	9		AY304A	01	AY304A	00	1	TT3	F2		35B	MASK DCD 14 TO AY	
04833		XA144	75			XA144	72			16B	9		AYM3C0	01	AY294A	01	3	TT3	F1		37B		
04717		XA144	76			XA131	73			16B	9		AYK3C0	06	AY307A	01	2	TT3	F3		37A		
04801		XA144	77			XA144	71			16B	9		AYMKD0	01	AY294A	01	2	TT3	F1		38B		
03220		XA144	78			XA245	48			16B	9		AL00C0	01	AY307A	01	3	TT3	F3		38A		
04847		XA144	79			XA142	72			16B	9		AYM5C0	01	AY294A	01	1	TT3	F1		39B		
05586		XA144	80			XA143	73			16B	9		AY307A	01	AY307A	00	1	TT3	F3		39A	AL 00 TO AY 30	

DRAWING NUMBER 149012 880 CONNECTOR UNIT ASSEMBLY NO. 149012 REV E INDEX XA145
 UNIT ASSEMBLY NAME CARD CAGE ASSY, CPU L.H. FILE IDENT T39B2CP1 DATE 09-03-82 PAGE 78

RECORD NUMBER	FROM				TO				WIRE				SFC INST INUSE	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												
05437		XA145	01		XA143	38				16B	9		AY232A	01	AY232A	00	1	TQ2	A2		02B	ADDER TO AY REG.		
11008		XA145	02									GND	01	GROUND				TQ2			01A			
04779		XA145	03		XA141	21				16B	9		AYLSE0	08	AY233A	01	1	TQ2	A3		02A			
02714		XA145	04							16B	9		AD23B1	05	AY232A	01	1	TQ2	A2		04A			
04529		XA145	05		XA142	09				16B	9		AYADE0	08	AY232A	01	2	TQ2	A2		03B			
05435		XA145	06		XA143	40				16B	9		AY231A	01	AY231A	00	1	TQ2	A1		05A	BUS TO AY REG. -		
05454		XA145	07							16B	9		AY24BQ	06	AY233A	01	2	TQ2	A3		03A			
04647		XA145	08		XA146	11				16B	9		AYDBE0	07	AY231A	01	2	TQ2	A1		06A			
05439		XA145	09		XA143	37				16B	9		AY233A	01	AY233A	00	1	TQ2	A3		04B	AY LEFT SHIFT 24		
08121		XA145	10		XA125	52				16B	9		DB23A0	03	AY231A	01	1	TQ2	A1		07A			
08171		XA145	11		XA124	08				16B	9		DB24A0	03	AY241A	01	1	TQ2	A4		05B			
00353		XA145	12										+5V	01				TQ2						
04651		XA145	13		XA145	17				16B	9		AYDBF0	02	AY241A	01	2	TQ2	A4		06B			
05459		XA145	14		XA143	34				16B	9		AY243A	01	AY243A	00	1	TQ2	B2		09A	AY LEFT SHIFT 25		
05455		XA145	15		XA143	30				16B	9		AY241A	01	AY241A	00	1	TQ2	A4		07B			
11009		XA145	16										GND	01	GROUND			TQ2			01B	BUS TO AY REG. -		
04652		XA145	17		XA145	34				16B	9		AYDBF0	03	AY251A	01	1	TQ2	B3		08B			
04786		XA145	18		XA141	27				16B	9		AYLSFO	06	AY243A	01	2	TQ2	B2		10A			
08227		XA145	19		XA124	24				16B	9		DB25A0	03	AY251A	01	2	TQ2	B3		09B			
05475		XA145	20							16B	9		AY25BQ	05	AY243A	01	1	TQ2	B2		11A			
05480		XA145	21		XA143	52				16B	9		AY251A	01	AY251A	00	1	TQ2	B3		10B	BUS TO AY REG. -		
05457		XA145	22		XA143	36				16B	9		AY242A	01	AY242A	00	1	TQ2	B1		12A			
04532		XA145	23		XA145	24				16B	9		AYADFO	02	AY252A	01	1	TQ2	B4		11B	ADDER TO AY REG.		
04533		XA145	24		XA145	29				16B	9		AYADFO	03	AY242A	01	2	TQ2	B1		13A			
02770		XA145	25							16B	9		AD25B4	05	AY252A	01	2	TQ2	B4		12B			
02737		XA145	26							16B	9		AD24B4	05	AY242A	01	1	TQ2	B1		14A			
05482		XA145	27		XA143	54				16B	9		AY252A	01	AY252A	00	1	TQ2	B4		13B	ADDER TO AY REG.		
00354		XA145	28										+5V	01				TQ2						
04534		XA145	29		XA145	48				16B	9		AYADFO	04	AY262A	01	1	TQ2	C3		14B			
05500		XA145	30		XA143	46				16B	9		AY261A	01	AY261A	00	1	TQ2	C2		15A	BUS TO AY REG. -26		
02790		XA145	31							16B	9		AD26B4	05	AY262A	01	2	TQ2	C3		15B			
11010		XA145	32										GND	01	GROUND			TQ2			20B			
05502		XA145	33		XA143	48				16B	9		AY262A	01	AY262A	00	1	TQ2	C3		16B	ADDER TO AY REG. -		
04653		XA145	34		XA145	47				16B	9		AYDBFO	04	AY261A	01	2	TQ2	C2		16A			
04785		XA145	35		XA145	18				16B	9		AYLSFO	05	AY263A	01	1	TQ2	C4		17B			
08281		XA145	36		XA123	06				16B	9		DB26A0	03	AY261A	01	1	TQ2	C2		17A			
05517		XA145	37							16B	9		AY27BQ	04	AY263A	01	2	TQ2	C4		18B			
05484		XA145	38		XA143	56				16B	9		AY253A	01	AY253A	00	1	TQ2	C1		18A	AY LEFT SHIFT 26 T		
05504		XA145	39		XA143	50				16B	9		AY263A	01	AY263A	00	1	TQ2	C4		19B			
05497		XA145	40							16B	9		AY26BQ	04	AY253A	01	2	TQ2	C1		19A	AY LEFT SHIFT 27 T		
05537		XA145	41							16B	9		AY28BQ	04	AY273A	01	1	TQ2	D3		22B			
04784		XA145	42		XA145	35				16B	9		AYLSFO	04	AY253A	01	1	TQ2	C1		20A			
04783		XA145	43		XA145	42				16B	9		AYLSFO	03	AY273A	01	2	TQ2	D3		23B			
11011		XA145	44										GND	01	GROUND			TQ2			21B			
05524		XA145	45		XA143	68				16B	9		AY273A	01	AY273A	00	1	TQ2	D3		24B	AY LEFT SHIFT 28		
05522		XA145	46		XA143	61				16B	9		AY272A	01	AY272A	00	1	TQ2	D2		21A			
04654		XA145	47		XA145	54				16B	9		AYDBFO	05	AY281A	01	1	TQ2	D4		25B			
04535		XA145	48		XA145	59				16B	9		AYADFO	05	AY272A	01	2	TQ2	D2		22A			
08395		XA145	49		XA141	59				16B	9		DB28A0	06	AY281A	01	2	TQ2	D4		26B			
02812		XA145	50							16B	9		AD27B1	05	AY272A	01	1	TQ2	D2		23A			
CONNECTOR		XA145	CONTINUED ON		THE NEXT PAGE		****																	

DRAWING NUMBER 149012 880 CONNECTOR UNIT ASSEMBLY NO. 149012 REV E INDEX XA145
 UNIT ASSEMBLY NAME CARD CAGE ASSY, CPU L.H. FILE IDENT T39B2CP1 DATE 09-03-82 PAGE 79

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 FC	PREFIX	CONNECTOR	PIN	DR FC	MULTI GROUP	CODE	COLOR												IDENT
05540		XA145	51			XA143	62			16B	9		AY281A	01	AY281A	00	1	TQ2	D4		27B	BUS TO AY REG. -	
05520		XA145	52			XA143	66			16B	9		AY271A	01	AY271A	00	1	TQ2	D1		24A	BUS TO AY REG. -	
04656		XA145	53			XA145	71			16B	9		AYDBF0	07	AY291A	01	1	TQ2	E3		28B		
04655		XA145	54			XA145	53			16B	9		AYDBF0	06	AY271A	01	2	TQ2	D1		25A		
08455		XA145	55			XA141	61			16B	9		DB29AJ	03	AY291A	01	2	TQ2	F3		29B		
08335		XA145	56			XA123	24			16B	9		DB27AJ	03	AY271A	01	1	TQ2	D1		26A		
05560		XA145	57			XA143	78			16B	9		AY291A	01	AY291A	00	1	TQ2	E3		30B	BUS TO AY REG. -	
11012		XA145	58										GND	J1	GROUND	00		TQ2			27A		
04536		XA145	59			XA145	68			16B	9		AYADF0	06	AY292A	01	1	TQ2	E4		31B		
05544		XA145	60			XA143	60			16B	9		AY283A	01	AY283A	00	1	TQ2	E2		28A	AY LEFT SHIFT 29	
02856		XA145	61							16B	9		AD29B4	05	AY292A	01	2	TQ2	E4		32B		
05557		XA145	62							16B	9		AY29BQ	04	AY283A	01	2	TQ2	E2		29A		
05562		XA145	63			XA143	77			16B	9		AY292A	01	AY292A	00	1	TQ2	E4		33B	ADDER TO AY REG.	
04782		XA145	64			XA145	43			16B	9		AYLSF0	02	AY283A	01	1	TQ2	E2		30A		
04538		XA145	65			XA140	62			16B	9		AYADF0	08	AY302A	01	1	TQ2	F3		34B		
05542		XA145	66			XA143	64			16B	9		AY282A	01	AY282A	00	1	TQ2	E1		31A	ADDER TO AY REG.	
05409		XA145	67										GND		GROUND	00		TQ2			40A		
04537		XA145	68			XA145	65			16B	9		AYADF0	07	AY282A	01	2	TQ2	E1		32A		
05582		XA145	69			XA143	71			16B	9		AY302A	01	AY302A	00	1	TQ2	F3		35A	ADDER TO AY REG.	
02855		XA145	70							16B	9		AD28B1	05	AY282A	01	1	TQ2	E1		33A		
04657		XA145	71			XA140	70			16B	9		AYDBF0	08	AY301A	01	2	TQ2	F2		36A		
05580		XA145	72			XA143	72			16B	9		AY301A	01	AY301A	00	1	TQ2	F2		34A	BUS TO AY REG. -	
08515		XA145	73			XA141	76			16B	9		DB30A0	03	AY301A	01	1	TQ2	F2		36B		
02869		XA145	74							16B	9		AD30B4	05	AY302A	01	2	TQ2	F3		35B		
05564		XA145	75			XA143	75			16B	9		AY293A	01	AY293A	00	1	TQ2	F1		37B	AY LEFT SHIFT 30	
05411		XA145	76			XA140	75			16B	9		AY22C0	01	AY22CA	01	1	TQ2	F4		37A		
04781		XA145	77			XA145	64			16B	9		AYLSF0	01	AY293A	01	2	TQ2	F1		38B		
16422		XA145	78			XA147	04			16B	9		SPA027	10	AY22CA	01	2	TQ2	F4		38A		
05577		XA145	79							16B	9		AY30BQ	04	AY293A	01	1	TQ2	F1		39B		
05405		XA145	80			XA122	13			16B	9		AY22CA	01	AY22CA	00	1	TQ2	F4		39A	AY 22* UNLOAD	
05244		XA146	01							16B	9		AY152A	02	AY152A	00	1	TQ2	A2		02B	ADDER TO AY REG.	
07740		XA146	02										GND	02	GROUND	00		TQ2			01A		
05260		XA146	03							16B	9		AY16BQ	06	AY153A	01	1	TQ2	A3		02A		
02496		XA146	04							16B	9		AD15B1	05	AY152A	01	1	TQ2	A2		04A		
04520		XA146	05			XA142	01			16B	9		AYADD0	08	AY152A	01	2	TQ2	A2		03B		
05242		XA146	06							16B	9		AY151A	J2	AY151A	00	1	TQ2	A1		05A	BUS TO AY REG. -	
04770		XA146	07			XA141	14			16B	9		AYLSD0	08	AY153A	01	2	TQ2	A3		03A		
04639		XA146	08			XA142	14			16B	9		AYDBD0	08	AY151A	01	2	TQ2	A1		06A		
05246		XA146	09							16B	9		AY153A	02	AY153A	00	1	TQ2	A3		04B	AY LEFT SHIFT 16	
07743		XA146	10			XA126	22			16B	9		DB15A0	03	AY151A	01	1	TQ2	A1		07A		
04648		XA146	11			XA142	21			16B	9		AYDBE0	08	AY161A	01	1	TQ2	A4		05B		
00355		XA146	12										+5V	01		00		TQ2					
07780		XA146	13			XA148	06			16B	9		DB16A0	06	AY161A	01	2	TQ2	A4		06B		
05272		XA146	14							16B	9		AY163A	02	AY163A	00	1	TQ2	B2		09A	AY LEFT SHIFT 17	
05268		XA146	15							16B	9		AY161A	02	AY161A	00	1	TQ2	A4		07B	BUS TO AY REG. -	
11013		XA146	16										GND	01	GROUND	00		TQ2			01B		
04646		XA146	17			XA145	08			16B	9		AYDBE0	06	AY171A	01	1	TQ2	B3		08B		
04778		XA146	18			XA145	03			16B	9		AYLSE0	07	AY163A	01	2	TQ2	B2		10A		
CONNECTOR (XA146) CONTINUED ON THE NEXT PAGE ****																							

DRAWING NUMBER 149012 880 CONNECTOR UNIT ASSEMBLY NO. 149012 REV E INDEX XA146
 UNIT ASSEMBLY NAME CARD CAGE ASSY, CPU L.H. FILE IDENT T39B2CP1 DATE 09-03-82 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 PG	PREFIX	CONNECTOR	PIN	SH PG	MULTI GROUP	CODE	COLOR	IDENT											
07827		XA146	19			XA126	56			16B	9		DB17A0	03	AY171A	01	2	TQ2	B3		09B		
05285		XA146	20							16B	9		AY17BQ	05	AY163A	01	1	TQ2	B2		11A		
05291		XA146	21							16B	9		AY171A	02	AY171A	00	1	TQ2	B3		10B	BUS TO AY REG. -	
05270		XA146	22							16B	9		AY162A	02	AY162A	00	1	TQ2	B1		12A	ADDER TO AY REG.	
04528		XA146	23			XA145	05			16B	9		AYADE0	07	AY172A	01	1	TQ2	B4		11B		
04527		XA146	24			XA146	23			16B	9		AYADE0	06	AY162A	01	2	TQ2	B1		13A		
02559		XA146	25							16B	9		AD17B4	05	AY172A	01	2	TQ2	B4		12B		
02525		XA146	26							16B	9		AD16B4	05	AY162A	01	1	TQ2	B1		14A		
05293		XA146	27							16B	9		AY172A	02	AY172A	00	1	TQ2	B4		13B	ADDER TO AY REG.	
00356		XA146	28										+5V	01				TQ2					
04526		XA146	29			XA146	24			16B	9		AYADE0	05	AY182A	01	1	TQ2	C3		14B		
05314		XA146	30							16B	9		AY181A	02	AY181A	00	1	TQ2	C2		15A	BUS TO AY REG. -	
02583		XA146	31							16B	9		AD18B4	05	AY182A	01	2	TQ2	C3		15E		
11014		XA146	32										GND	01	GROUND			TQ2			20B		
05316		XA146	33							16B	9		AY182A	02	AY182A	00	1	TQ2	C3		16B	ADDER TO AY REG.	
04645		XA146	34			XA146	17			16B	9		AYDBE0	05	AY181A	01	2	TQ2	C2		16A		
04777		XA146	35			XA146	18			16B	9		AYLSE0	06	AY183A	01	1	TQ2	C4		17B		
07873		XA146	36			XA126	66			16B	9		DB18A0	03	AY181A	01	1	TQ2	C2		17A		
05330		XA146	37							16B	9		AY19BQ	04	AY183A	01	2	TQ2	C4		18B		
05295		XA146	38							16B	9		AY173A	02	AY173A	00	1	TQ2	C1		18A	AY LEFT SHIFT 18	
05318		XA146	39							16B	9		AY183A	02	AY183A	00	1	TQ2	C4		19B	AY LEFT SHIFT 19	
04776		XA146	40			XA146	35			16B	9		AYLSE0	05	AY173A	01	2	TQ2	C1		19A		
04775		XA146	41			XA146	40			16B	9		AYLSE0	04	AY193A	01	1	TQ2	D3		22B		
05308		XA146	42							16B	9		AY18BQ	04	AY173A	01	1	TQ2	C1		20A		
05350		XA146	43							16B	9		AY20BQ	04	AY193A	01	2	TQ2	D3		23B		
11015		XA146	44										GND	01	GROUND			TQ2			21B		
05338		XA146	45							16B	9		AY193A	02	AY193A	00	1	TQ2	D3		24B	AY LEFT SHIFT 20	
05336		XA146	46							16B	9		AY192A	02	AY192A	00	1	TQ2	D2		21A	ADDER TO AY REG.	
04644		XA146	47			XA146	34			16B	9		AYDBE0	04	AY201A	01	1	TQ2	D4		25B		
04525		XA146	48			XA146	29			16B	9		AYADE0	04	AY192A	01	2	TQ2	D2		22A		
07969		XA146	49			XA125	06			16B	9		DB20A0	03	AY201A	01	2	TQ2	D4		26B		
02605		XA146	50							16B	9		AD19B1	05	AY192A	01	1	TQ2	D2		23A		
05354		XA146	51							16B	9		AY201A	02	AY201A	00	1	TQ2	D4		27B	BUS TO AY REG. -	
05334		XA146	52							16B	9		AY191A	02	AY191A	00	1	TQ2	D1		24A	BUS TO AY REG. -	
04642		XA146	53			XA146	54			16B	9		AYDBE0	02	AY211A	01	1	TQ2	E3		28B		
04643		XA146	54			XA146	47			16B	9		AYDBE0	03	AY191A	01	2	TQ2	D1		25A		
08021		XA146	55			XA125	22			16B	9		DB21A0	03	AY211A	01	2	TQ2	E3		29B		
07921		XA146	56			XA126	79			16B	9		DB19A0	03	AY191A	01	1	TQ2	D1		26A		
05378		XA146	57							16B	9		AY211A	02	AY211A	00	1	TQ2	E3		30B	BUS TO AY REG. -	
11016		XA146	58										GND	01	GROUND			TQ2			27A		
04524		XA146	59			XA146	48			16B	9		AYADE0	03	AY212A	01	1	TQ2	E4		31B		
05358		XA146	60							16B	9		AY203A	02	AY203A	00	1	TQ2	E2		28A	AY LEFT SHIFT 21	
02668		XA146	61							16B	9		AD21B4	05	AY212A	01	2	TQ2	E4		32B		
05376		XA146	62							16B	9		AY21BQ	07	AY203A	01	2	TQ2	E2		29A		
05380		XA146	63							16B	9		AY212A	02	AY212A	00	1	TQ2	E4		33B	ADDER TO AY REG.	
04774		XA146	64			XA146	41			16B	9		AYLSE0	03	AY203A	01	1	TQ2	E2		30A		
04522		XA146	65			XA146	68			16B	9		AYADE0	01	AY222A	01	1	TQ2	F3		34B		
05356		XA146	66							16B	9		AY202A	02	AY202A	00	1	TQ2	E1		31A	ADDER TO AY REG.	
05402		XA146	67										GND		GROUND			TQ2			40A		
04523		XA146	68			XA146	59			16B	9		AYADE0	02	AY202A	01	2	TQ2	E1		32A		
CONNECTOR		XA146	CONTINUED ON THE NEXT PAGE ****																				

DRAWING NUMBER 149012 880 CONNECTOR UNIT ASSEMBLY NO. 149012 REV E INDEX XA146
 UNIT ASSEMBLY NAME CARD CAGE ASSY, CPU L.H. FILE IDENT T39B2CP1 DATE 09-03-82 PAGE 81

RECORD NUMBER	FROM				TO				WIRE				SFC INST MISC	SIGNAL	SFC 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										ANG	OR		
05416		XA146	69							16B	9		AY222A	02	AY222A	00	1	TQ2	F3		35A		ADDER TO AY REG.		
02634		XA146	70							16B	9		AD20B4	05	AY202A	01	1	TQ2	E1		33A				
04641		XA146	71			XA146	53			16B	9		AYDBE0	01	AY221A	01	2	TQ2	F2		36A				
05414		XA146	72							16B	9		AY221A	02	AY221A	00	1	TQ2	F2		34A		BUS TO AY REG. -		
08071		XA146	73			XA125	42			16B	9		DB22A0	03	AY221A	01	1	TQ2	F2		38B				
02692		XA146	74							16B	9		AD22B4	05	AY222A	01	2	TQ2	F3		35B				
05382		XA146	75							16B	9		AY213A	02	AY213A	00	1	TQ2	F1		37B		AY LEFT SHIFT 22		
04773		XA146	76			XA146	64			16B	9		AYLSE0	02	AY223A	01	1	TQ2	F4		37A				
04772		XA146	77			XA146	76			16B	9		AYLSE0	01	AY213A	01	2	TQ2	F1		38B				
05431		XA146	78			XA136	38			16B	9		AY23BQ	04	AY223A	01	2	TQ2	F4		38A				
05398		XA146	79			XA136	42			16B	9		AY22BQ	04	AY213A	01	1	TQ2	F1		39B				
05418		XA146	80							16B	9		AY223A	02	AY223A	00	1	TQ2	F4		39A		AY LEFT SHIFT 23		
04952		XA147	01							16B	9		AY003A	02	AY0090	01	6	TS8	A1		02B				
11017		XA147	02										GND	01	GROUND			TS8			01A				
08904		XA147	03										DNW	01				TS8							
16423		XA147	04							16B	9		SPA027	11	AY0090	01	4	TS8	A1		04A				
04930		XA147	05							16B	9		AY002A	02	AY0090	01	5	TS8	A1		03B				
16552		XA147	06			XA147	25			16B	9		SPA041	04	AY0090	01	3	TS8	A1		05A				
04928		XA147	07							16B	9		AY001A	02	AY0090	01	7	TS8	A1		03A				
16556		XA147	08			XA147	24			16B	9		SPA042	03	AY0090	01	2	TS8	A1		06A				
08905		XA147	09										DNW	01				TS8							
04905		XA147	10			XA147	19			16B	9		AYSE7A	09	AY0090	01	1	TS8	A1		07A				
04935		XA147	11			XA139	05			16B	9		AY0090	01	AY0090	03	1	TS8	A1		05B		AY 00 INPUT DATA		
00357		XA147	12										+5V	01				TS8							
04933		XA147	13			XA144	04			16B	9		AY006A	01	AY0090	01	8	TS8	A1		06B				
04951		XA147	14							16B	9		AY011A	02	AY0190	01	6	TS8	B1		09A				
08906		XA147	15										DNW	01				TS8							
11018		XA147	16										GND	01	GROUND			TS8			21B				
08907		XA147	17										DNW	01				TS8							
04956		XA147	18			XA144	07			16B	9		AY016A	01	AY0190	01	5	TS8	B1		10A				
04906		XA147	19							16B	9		AYSE7A	10	AY0190	01	7	TS8	B1		09B				
04953		XA147	20							16B	9		AY012A	02	AY0190	01	4	TS8	B1		11A				
08908		XA147	21										DNW	01				TS8							
16412		XA147	22							16B	9		SPA026	11	AY0190	01	3	TS8	B1		12A				
04958		XA147	23			XA139	24			16B	9		AY0190	01	AY0190	00	1	TS8	B1		11B		AY 01 INPUT DATA		
16557		XA147	24							16B	9		SPA042	04	AY0190	01	2	TS8	B1		13A				
16553		XA147	25							16B	9		SPA041	05	AY0190	01	8	TS8	B1		12B				
04955		XA147	26							16B	9		AY013A	02	AY0190	01	1	TS8	B1		14A				
08909		XA147	27										DNW	01				TS8							
00358		XA147	28										+5V	01				TS8							
08910		XA147	29										DNW	01				TS8							
05044		XA147	30							16B	9		AY06BP	03	AYH01A	01	6	TS8	C1		15A				
04914		XA147	31							16B	9		AY00BP	04	AYH01A	01	7	TS8	C1		15B				
11019		XA147	32										GND	01	GROUND			TS8			27A				
08911		XA147	33										DNW	01				TS8							
05024		XA147	34							16B	9		AY05BP	03	AYH01A	01	5	TS8	C1		16A				
04672		XA147	35			XA140	40			16B	9		AYH01A	01	AYH01A	00	1	TS8	C1		17B		AY ZERO DECODE -		
05064		XA147	36							16B	9		AY07BP	03	AYH01A	01	4	TS8	C1		17A				
CONNECTOR (XA147) CONTINUED ON THE NEXT PAGE ****																									

DRAWING NUMBER 149012 880 CONNECTOR
 UNIT ASSEMBLY NAME CARD CAGE ASSY, CPU L.H.

UNIT ASSEMBLY NO. 149012
 FILE IDENT T39B2CP1

REV E INDEX XA147
 DATE 09-03-82 PAGE 82

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											
04964		XA147	37							16B	9		AY02BP	03	AYH01A	01	8	TS8	C1		18B		
04984		XA147	38							16B	9		AY03BP	03	AYH01A	01	3	TS8	C1		18A		
08912		XA147	39										DNW	01				TS8					
04941		XA147	40							16B	9		AY01BP	03	AYH01A	01	2	TS8	C1		19A		
08913		XA147	41										DNW	01				TS8					
05004		XA147	42							16B	9		AY04BP	03	AYH01A	01	1	TS8	C1		20A		
05133		XA147	43							16B	9		AY10BP	03	AYH02A	01	7	TS8	D1		23B		
05150		XA147	44										GND		GROUND			TS8			40A		
08914		XA147	45										DNW	01				TS8					
05084		XA147	46							16B	9		AY08BP	03	AYH02A	01	6	TS8	D1		21A		
04676		XA147	47		XA140	36				16B	9		AYH02A	01	AYH02A	00	1	TS8	D1		25B	AY ZERO DECODE -	
05193		XA147	48							16B	9		AY13BP	03	AYH02A	01	5	TS8	D1		22A		
05152		XA147	49		XA138	09				16B	9		AY11BP	02	AYH02A	01	8	TS8	D1		26B		
05173		XA147	50							16B	9		AY12BP	03	AYH02A	01	4	TS8	D1		23A		
08915		XA147	51										DNW	01				TS8					
05233		XA147	52							16B	9		AY15BP	03	AYH02A	01	3	TS8	D1		24A		
08916		XA147	53										DNW	01				TS8					
05213		XA147	54							16B	9		AY14BP	03	AYH02A	01	2	TS8	D1		25A		
05008		XA147	55		XA151	48				16B	9		AY04BQ	04	AYH11A	01	7	TS8	E1		29B		
05113		XA147	56							16B	9		AY09BP	03	AYH02A	01	1	TS8	D1		26A		
08917		XA147	57										DNW	01				TS8					
04924		XA147	58										GND		GROUND			TS8					
04682		XA147	59		XA140	31				16B	9		AYH11A	01	AYH11A	00	1	TS8	E1		31B	AY ONES DECODE -	
04968		XA147	60		XA151	25				16B	9		AY02BQ	04	AYH11A	01	6	TS8	E1		28A		
04918		XA147	61		XA144	10				16B	9		AY00BQ	04	AYH11A	01	8	TS8	E1		32B		
04988		XA147	62		XA151	31				16B	9		AY03BQ	04	AYH11A	01	5	TS8	E1		29A		
08918		XA147	63										DNW	01				TS8					
05048		XA147	64		XA151	59				16B	9		AY06BQ	04	AYH11A	01	4	TS8	E1		30A		
08919		XA147	65										DNW	01				TS8					
05028		XA147	66		XA151	68				16B	9		AY05BQ	04	AYH11A	01	3	TS8	E1		31A		
05180		XA147	67										GND		GROUND			TS8					
04947		XA147	68							16B	9		AY01BQ	06	AYH11A	01	2	TS8	E1		32A		
08920		XA147	69										DNW	01				TS8					
05068		XA147	70		XA151	65				16B	9		AY07BQ	04	AYH11A	01	1	TS8	E1		33A		
05197		XA147	71		XA138	19				16B	9		AY13BQ	04	AYH12A	01	5	TS8	F1		36A		
05117		XA147	72		XA150	20				16B	9		AY09BQ	04	AYH12A	01	6	TS8	F1		34A		
05237		XA147	73		XA138	31				16B	9		AY15BQ	04	AYH12A	01	4	TS8	F1		36B		
05088		XA147	74		XA150	03				16B	9		AY08BQ	04	AYH12A	01	7	TS8	F1		35B		
05136		XA147	75		XA150	42				16B	9		AY10BQ	03	AYH12A	01	3	TS8	F1		37B		
04686		XA147	76		XA140	37				16B	9		AYH12A	01	AYH12A	00	1	TS8	F1		37A	AY ONES DECODE -	
05176		XA147	77		XA150	43				16B	9		AY12BQ	03	AYH12A	01	2	TS8	F1		38B		
05156		XA147	78		XA150	37				16B	9		AY11BQ	03	AYH12A	01	8	TS8	F1		38A		
05217		XA147	79		XA138	37				16B	9		AY14BQ	04	AYH12A	01	1	TS8	F1		39B		
08921		XA147	80										DNW	01				TS8					
05093		XA148	01							16B	9		AY081A	02	AY0890	01	3	TD4	A2		02B		
11320		XA148	02										GND	01	GROUND			TD4			01A		
08922		XA148	03										DNW	01				TD4					
05095		XA148	04							16B	9		AY082A	02	AY0890	01	1	TD4	A2		04A		
CONNECTOR (XA148) CONTINUED ON THE NEXT PAGE ****																							

DRAWING NUMBER 149012 880 CONNECTOR UNIT ASSEMBLY NO. 149012 REV E INDEX XA148
 UNIT ASSEMBLY NAME CARD CAGE ASSY, CPU L.H. FILE IDENT T39B2CP1 DATE 09-03-82 PAGE 83

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 PG	PREFIX	CONNECTOR	PIN	DR PG	MULTI GROUP	CODE	COLOR											
05097		XA148	05						16B	9		AY083A	02	AY0890	01	2	TD4	A2		03B		
07781		XA148	06			XA149	50		16B	9		DB16AO	07	AYSE7A	01	3	TD4	A1		05A		
05106		XA148	07						16B	9		AY087A	09	AY0890	01	4	TD4	A2		03A		
04733		XA148	08			XA141	07		16B	9		AYK6C0	02	AYSE7A	01	2	TD4	A1		06A		
05107		XA148	09			XA139	62		16B	9		AY0890	01	AY0890	00	1	TD4	A2		04B	AY 08 INPUT DATA	
06553		XA148	10			XA149	48		16B	9		CQUALTA	02	AYSE7A	01	1	TD4	A1		07A		
04904		XA148	11			XA147	10		16B	9		AYSE7A	08	AYSE7A	00	1	TD4	A1		05B	DB 16 TO AY SE-07	
00359		XA148	12									+5V	01				TD4					
04693		XA148	13			XA149	43		16B	9		AYK0C0	01	AYSE7A	01	4	TD4	A1		06B		
05142		XA148	14						16B	9		AY101A	02	AY1090	01	3	TD4	B2		09A		
08923		XA148	15									DNW	01				TD4					
11021		XA148	16									GND	01	GROUND			TD4			20B		
08924		XA148	17									DNW	01				TD4					
05144		XA148	18						16B	9		AY102A	02	AY1090	01	2	TD4	B2		10A		
05105		XA148	19			XA148	07		16B	9		AY087A	08	AY1090	01	4	TD4	B2		09B		
05146		XA148	20						16B	9		AY103A	02	AY1090	01	1	TD4	B2		11A		
05147		XA148	21			XA138	08		16B	9		AY1090	01	AY1090	00	1	TD4	B2		10B	AY 10 INPUT DATA	
05122		XA148	22						16B	9		AY091A	02	AY0990	01	3	TD4	B1		12A		
05127		XA148	23			XA139	77		16B	9		AY0990	01	AY0990	00	1	TD4	B1		11B	AY 09 INPUT DATA	
05124		XA148	24						16B	9		AY092A	02	AY0990	01	2	TD4	B1		13A		
05104		XA148	25			XA148	19		16B	9		AY087A	07	AY0990	01	4	TD4	B1		12B		
05126		XA148	26						16B	9		AY093A	02	AY0990	01	1	TD4	B1		14A		
08925		XA148	27									DNW	01				TD4					
00360		XA148	28									+5V	01				TD4					
08926		XA148	29									DNW	01				TD4					
05182		XA148	30						16B	9		AY121A	02	AY1290	01	3	TD4	C2		15A		
05103		XA148	31			XA148	25		16B	9		AY087A	06	AY1290	01	4	TD4	C2		15B		
11022		XA148	32									GND	01	GROUND			TD4			21B		
05187		XA148	33			XA138	24		16B	9		AY1290	01	AY1290	00	1	TD4	C2		16B	AY 12 INPUT DATA	
05186		XA148	34						16B	9		AY123A	02	AY1290	01	2	TD4	C2		16A		
05167		XA148	35			XA138	05		16B	9		AY1190	01	AY1190	00	1	TD4	C1		17B	AY 11 INPUT DATA	
05184		XA148	36						16B	9		AY122A	02	AY1290	01	1	TD4	C2		17A		
05102		XA148	37			XA148	31		16B	9		AY087A	05	AY1190	01	4	TD4	C1		18B		
05166		XA148	38						16B	9		AY113A	02	AY1190	01	3	TD4	C1		18A		
08927		XA148	39									DNW	01				TD4					
05164		XA148	40						16B	9		AY112A	02	AY1190	01	2	TD4	C1		19A		
08928		XA148	41									DNW	01				TD4					
05162		XA148	42						16B	9		AY111A	02	AY1190	01	1	TD4	C1		20A		
05226		XA148	43						16B	9		AY143A	02	AY1490	01	4	TD4	D2		23B		
11023		XA148	44									GND	01	GROUND			TD4			27A		
05227		XA148	45			XA138	40		16B	9		AY1490	01	AY1490	00	1	TD4	D2		24B	AY 14 INPUT DATA	
05101		XA148	46			XA148	37		16B	9		AY087A	04	AY1490	01	3	TD4	D2		21A		
05207		XA148	47			XA138	18		16B	9		AY1390	01	AY1390	00	1	TD4	D1		25B	AY 13 INPUT DATA	
05224		XA148	48						16B	9		AY142A	02	AY1490	01	2	TD4	D2		22A		
05202		XA148	49						16B	9		AY131A	02	AY1390	01	4	TD4	D1		26B		
05222		XA148	50						16B	9		AY141A	02	AY1490	01	1	TD4	D2		23A		
08929		XA148	51									DNW	01				TD4					
05204		XA148	52						16B	9		AY132A	02	AY1390	01	3	TD4	D1		24A		
08930		XA148	53									DNW	01				TD4					
05206		XA148	54						16B	9		AY133A	02	AY1390	01	2	TD4	D1		25A		
CONNECTOR (XA148) CONTINUED ON THE NEXT PAGE ****																						

DRAWING NUMBER 149012 880 CONNECTOR UNIT ASSEMBLY NO. 149012 REV E INDEX XA148
 UNIT ASSEMBLY NAME CARD CAGE ASSY, CPU L.H. FILE IDENT T39B2CP1 DATE 09-03-82 PAGE 84

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 FT	PREFIX	CONNECTOR	PIN	SH FT	MULTI GROUP	CODE	COLOR												
05353		XA148	55		XA146	51				16B	9		AY201A	01	AY2090	01	4	TD4	E2		29B		
05099		XA148	56		XA149	45				16B	9		AY087A	02	AY1390	01	1	TD4	D1		28A		
05361		XA148	57		XA138	77				16B	9		AY2090	01	AY2090	00	1	TD4	E2		30B	AY 20 INPUT DATA	
11024		XA148	58										GND	01	GROUND			TD4			40A		
05247		XA148	59		XA138	34				16B	9		AY1590	01	AY1590	00	1	TD4	E1		31B	AY 15 INPUT DATA	
05359		XA148	60		XA144	36				16B	9		AY204A	01	AY2090	01	3	TD4	E2		28A		
05243		XA148	61		XA146	01				16B	9		AY152A	01	AY1590	01	4	TD4	E1		32B		
05357		XA148	62		XA146	60				16B	9		AY203A	01	AY2090	01	2	TD4	E2		29A		
08931		XA148	63										DNW	01				TD4					
05355		XA148	64		XA146	66				16B	9		AY202A	01	AY2090	01	1	TD4	E2		30A		
08932		XA148	65										DNW	01				TD4					
05245		XA148	66		XA146	09				16B	9		AY153A	01	AY1590	01	3	TD4	E1		31A		
11025		XA148	67										GND	01	GROUND			TD4			40B		
05241		XA148	68		XA146	06				16B	9		AY151A	01	AY1590	01	2	TD4	E1		32A		
05421		XA148	69		XA137	05				16B	9		AY2290	01	AY2290	00	1	TD4	F2		35A	AY 22 INPUT DATA	
05098		XA148	70		XA148	56				16B	9		AY087A	01	AY1590	01	1	TD4	E1		33A		
05413		XA148	71		XA146	72				16B	9		AY221A	01	AY2290	01	2	TD4	F2		36A		
05415		XA148	72		XA146	69				16B	9		AY222A	01	AY2290	01	3	TD4	F2		34A		
05419		XA148	73		XA144	39				16B	9		AY224A	01	AY2290	01	1	TD4	F2		36B		
05417		XA148	74		XA146	80				16B	9		AY223A	01	AY2290	01	4	TD4	F2		35B		
05383		XA148	75		XA144	31				16B	9		AY214A	01	AY2190	01	3	TD4	F1		37B		
05385		XA148	76		XA137	08				16B	9		AY2190	01	AY2190	00	1	TD4	F1		37A	AY 21 INPUT DATA	
05377		XA148	77		XA146	57				16B	9		AY211A	01	AY2190	01	2	TD4	F1		38B		
05381		XA148	78		XA146	75				16B	9		AY213A	01	AY2190	01	4	TD4	F1		38A		
05379		XA148	79		XA146	63				16B	9		AY212A	01	AY2190	01	1	TD4	F1		39B		
08933		XA148	80										DNW	01				TD4					
04903		XA149	01		XA148	11				16B	9		AYSE7A	07	AY0290	01	3	TD4	A2		02B		
11026		XA149	02										GND	01	GRGUND			TD4			01A		
08934		XA149	03										DNW	01				TD4					
04973		XA149	04							16B	9		AY021A	02	AY0290	01	1	TD4	A2		04A		
04975		XA149	05							16B	9		AY022A	02	AY0290	01	2	TD4	A2		03B		
04896		XA149	06							16B	9		AYSE6A	02	AYSE90	01	3	TD4	A1		05A		
04977		XA149	07							16B	9		AY023A	02	AY0290	01	4	TD4	A2		03A		
04894		XA149	08							16B	9		AYSE2A	02	AYSE90	01	2	TD4	A1		06A		
04978		XA149	09		XA139	18				16B	9		AY0290	01	AY0290	00	1	TD4	A2		04B	AY 02 INPUT DATA	
04902		XA149	10		XA149	01				16B	9		AYSE7A	06	AYSE90	01	1	TD4	A1		07A		
04907		XA149	11		XA139	08				16B	9		AYSE90	01	AYSE90	00	1	TD4	A1		05B	AY SE INPUT DATA	
00361		XA149	12										+5V	01				TD4					
04891		XA149	13		XA143	23				16B	9		AYSE1A	01	AYSE90	01	4	TD4	A1		06B		
05013		XA149	14							16B	9		AY041A	02	AY0490	01	3	TD4	B2		09A		
08935		XA149	15										DNW	01				TD4					
11027		XA149	16										GND	01	GROUND			TD4			20B		
08936		XA149	17										DNW	01				TD4					
05015		XA149	18							16B	9		AY042A	02	AY0490	01	2	TD4	B2		10A		
04901		XA149	19		XA149	10				16B	9		AYSE7A	05	AY0490	01	4	TD4	B2		09B		
05017		XA149	20							16B	9		AY043A	02	AY0490	01	1	TD4	B2		11A		
05018		XA149	21		XA139	34				16B	9		AY0490	01	AY0490	00	1	TD4	B2		10B	AY 04 INPUT DATA	
04900		XA149	22		XA149	19				16B	9		AYSE7A	04	AY0390	01	3	TD4	B1		12A		
CONNECTOR		XA149	CONTINUED ON THE NEXT PAGE ****																				

DRAWING NUMBER 149012-880 CONNECTOR
 UNIT ASSEMBLY NAME CARD CAGE ASSY, CPU L.H.

UNIT ASSEMBLY NO. 149012
 FILE IDENT T39B2CP1

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DRAWING NUMBER		149012-880		CONNECTOR		UNIT ASSEMBLY NO.		149012		REV		E		INDEX		XA149						
UNIT ASSEMBLY NAME		CARD CAGE ASSY, CPU L.H.		CONNECTOR		FILE IDENT		T39B2CP1		DATE		09-03-82		PAGE		85						
RECORD NUMBER	PREFIX	CONNECTOR	PIN	TO	PREFIX	CONNECTOR	PIN	MULTI GROUP	WIRE CODE	COLOR	IDENT	SIGNAL	SFG NO	EQUATION	TERM	FACTOR	CKT OR CHIP TYPE	GROUP	LOAD OR POWER PL. INTC	TEST POINTS AND/OR	SIGNAL DESCRIPTION	ECO NO
04998		XA149	23		XA139	40			16B	9		AY0390	01	AY0390	00	1	TD4	B1		11B	AY 03 INPUT DATA	
04997		XA149	24						16B	9		AY033A	02	AY0390	01	2	TD4	B1		13A		
04993		XA149	25						16B	9		AY031A	02	AY0390	01	4	TD4	B1		12B		
04995		XA149	26						16B	9		AY032A	02	AY0390	01	1	TD4	B1		14A		
08937		XA149	27									DNW	01				TD4					
00362		XA149	28									+5V	01				TD4					
08938		XA149	29									DNW	01				TD4					
04899		XA149	30		XA149	22			16B	9		AYSE7A	03	AY0690	01	3	TD4	C2		15A		
05057		XA149	31						16B	9		AY063A	02	AY0690	01	4	TD4	C2		15B		
11028		XA149	32									GND	01	GROUND			TD4			21B		
05058		XA149	33		XA139	48			16B	9		AY0690	01	AY0690	00	1	TD4	C2		16B	AY 06 INPUT DATA	
05055		XA149	34						16B	9		AY062A	02	AY0690	01	2	TD4	C2		16A		
05038		XA149	35		XA139	54			16B	9		AY0590	01	AY0590	00	1	TD4	C1		17B	AY 05 INPUT DATA	
05053		XA149	36						16B	9		AY061A	02	AY0690	01	1	TD4	C2		17A		
05037		XA149	37						16B	9		AY053A	02	AY0590	01	4	TD4	C1		18B		
04898		XA149	38		XA149	30			16B	9		AYSE7A	02	AY0590	01	3	TD4	C1		18A		
08939		XA149	39									DNW	01				TD4					
05033		XA149	40						16B	9		AY051A	02	AY0590	01	2	TD4	C1		19A		
08940		XA149	41									DNW	01				TD4					
05035		XA149	42						16B	9		AY052A	02	AY0590	01	1	TD4	C1		20A		
04894		XA149	43		XA142	38			16B	9		AYK0C0	02	AY087A	01	4	TD4	D2		23B		
11029		XA149	44									GND	01	GROUND			TD4			27A		
05100		XA149	45		XA148	46			16B	9		AY087A	03	AY087A	00	1	TD4	D2		24B	DB 16 TO AY 08-15	
04732		XA149	46		XA148	08			16B	9		AYK6C0	01	AY087A	01	3	TD4	D2		21A		
05078		XA149	47		XA139	68			16B	9		AY0790	01	AY0790	00	1	TD4	D1		25B	AY 07 INPUT DATA	
06554		XA149	48						16B	9		CQALTA	03	AY087A	01	2	TD4	D2		22A		
05077		XA149	49						16B	9		AY073A	02	AY0790	01	4	TD4	D1		26B		
07782		XA149	50						16B	9		DB16A0	08	AY087A	01	1	TD4	D2		23A		
08941		XA149	51									DNW	01				TD4					
05075		XA149	52						16B	9		AYC72A	02	AY0790	01	3	TD4	D1		24A		
08942		XA149	53									DNW	01				TD4					
04897		XA149	54		XA149	38			16B	9		AYSE7A	01	AY0790	01	2	TD4	D1		25A		
05290		XA149	55		XA146	21			16B	9		AY171A	01	AY1790	01	4	TD4	E2		29B		
05073		XA149	56						16B	9		AY071A	02	AY0790	01	1	TD4	D1		26A		
05298		XA149	57		XA138	48			16B	9		AY1790	01	AY1790	00	1	TD4	E2		30B	AY 17 INPUT DATA	
11030		XA149	58									GND	01	GROUND			TD4			40A		
05275		XA149	59		XA138	54			16B	9		AY1690	01	AY1690	00	1	TD4	E1		31B	AY 16 INPUT DATA	
05292		XA149	60		XA146	27			16B	9		AY172A	01	AY1790	01	3	TD4	E2		28A		
05267		XA149	61		XA146	15			16B	9		AY161A	01	AY1690	01	4	TD4	E1		32B		
05294		XA149	62		XA146	38			16B	9		AY173A	01	AY1790	01	2	TD4	E2		29A		
08943		XA149	63									DNW	01				TD4					
05296		XA149	64		XA144	20			16B	9		AY174A	01	AY1790	01	1	TD4	E2		30A		
08944		XA149	65									DNW	01				TD4					
05271		XA149	66		XA146	14			16B	9		AY163A	01	AY1690	01	3	TD4	E1		31A		
07705		XA149	67									GND	01	GROUND			TD4			40B		
05269		XA149	68		XA146	22			16B	9		AY162A	01	AY1690	01	2	TD4	E1		32A		
05341		XA149	69		XA138	62			16B	9		AY1990	01	AY1990	00	1	TD4	F2		35A	AY 19 INPUT DATA	
05273		XA149	70		XA144	15			16B	9		AY164A	01	AY1690	01	1	TD4	E1		33A		
05333		XA149	71		XA146	52			16B	9		AY191A	01	AY1990	01	2	TD4	F2		36A		
05339		XA149	72		XA144	27			16B	9		AY194A	01	AY1990	01	3	TD4	F2		34A		
CONNECTOR		XA149	CONTINUED ON THE NEXT PAGE ****																			

DRAWING NUMBER 149012-880 CONNECTOR UNIT ASSEMBLY NO. 149012 REV E INDEX XA149
 UNIT ASSEMBLY NAME CARD CAGE ASSY, CPU L.H. FILE IDENT T39B2CP1 DATE 09-03-82 PAGE 86

RECORD NUMBER	FROM			TO	WIRE			MULTI GROUP	CODE	COLOR	IDENT	SIGNAL	SEC NO	EQUATION	TERM	FACTOR	CHK CHG TYPE	GROUP	LOAD POWER PLANE	TEST POINTS AND/OR	SIGNAL DESCRIPTION	ECO NO
	PREFIX	CONNECTOR	PIN		PREFIX	CONNECTOR	PIN															
05337		XA149	73		XA146	45			16B	9		AY193A	01	AY1990	01	1	TD4	F2		36B		
05335		XA149	74		XA146	46			16B	9		AY192A	01	AY1990	01	4	TD4	F2		35B		
05315		XA149	75		XA146	33			16B	9		AY182A	01	AY1890	01	3	TD4	F1		37B		
05321		XA149	76		XA138	68			16B	9		AY1890	01	AY1890	00	1	TD4	F1		37A	AY 18 INPUT DATA	
05319		XA149	77		XA144	19			16B	9		AY184A	01	AY1890	01	2	TD4	F1		38B		
05313		XA149	78		XA146	30			16B	9		AY181A	01	AY1890	01	4	TD4	F1		38A		
05317		XA149	79		XA146	39			16B	9		AY183A	01	AY1890	01	1	TD4	F1		39B		
08945		XA149	80									DNW	01				TD4					
05074		XA150	01		XA149	52			16B	9		AY072A	01	AY072A	00	1	TQ2	A2		02B	ADDER TO AY REG.	
11031		XA150	02																	01A		
05089		XA150	03						16B	9		AY088B	05	AY073A	01	1	TQ2	A3		04A		
02284		XA150	04						16B	9		AD07B1	05	AY072A	01	1	TQ2	A2		04A		
04511		XA150	05		XA142	06			16B	9		AYADCO	09	AY072A	01	2	TQ2	A2		03B		
04895		XA150	06		XA149	06			16B	9		AYSE6A	01	AYSE6A	00	1	TQ2	A1		05A	RECIRCULATE AY SE	
04761		XA150	07		XA141	22			16B	9		AYLSDO	08	AY073A	01	2	TQ2	A3		03A		
04867		XA150	08						16B	9		AYRCCO	02	AYSE6A	01	2	TQ2	A1		06A		
05076		XA150	09		XA149	49			16B	9		AY073A	01	AY073A	00	1	TQ2	A3		04B	AY LEFT SHIFT 08	
04886		XA150	10						16B	9		AYSEBQ	07	AYSE6A	01	1	TQ2	A1		07A		
07512		XA150	11						16B	9		DB08A0	04	AY081A	01	1	TQ2	A4		05B		
00363		XA150	12									+5V	01				TQ2					
04638		XA150	13		XA146	08			16B	9		AYDBDO	07	AY081A	01	2	TQ2	A4		06B		
05096		XA150	14		XA148	05			16B	9		AY083A	01	AY083A	00	1	TQ2	B2		09A	AY LEFT SHIFT 09	
05092		XA150	15		XA148	01			16B	9		AY081A	01	AY081A	00	1	TQ2	A4		07B	BUS TO AY REG. -	
07540		XA150	16									GND	02				TQ2			01B		
04637		XA150	17		XA150	13			16B	9		AYDRDO	06	AY091A	01	1	TQ2	B3		08B		
04769		XA150	18		XA146	07			16B	9		AYLSDO	07	AY083A	01	2	TQ2	B2		10A		
07543		XA150	19		XA128	56			16B	9		DB09A0	03	AY091A	01	2	TQ2	B3		09B		
05118		XA150	20						16B	9		AY098Q	05	AY083A	01	1	TQ2	B2		11A		
05121		XA150	21		XA148	22			16B	9		AY091A	01	AY091A	00	1	TQ2	B3		10B	BUS TO AY REG. -	
05094		XA150	22		XA148	04			16B	9		AY082A	01	AY082A	00	1	TQ2	B1		12A	ADDER TO AY REG.	
04519		XA150	23		XA146	05			16B	9		AYADDO	07	AY092A	01	1	TQ2	B4		11B		
04518		XA150	24		XA150	23			16B	9		AYADDO	06	AY082A	01	2	TQ2	B1		13A		
02342		XA150	25						16B	9		AD09B4	05	AY092A	01	2	TQ2	B4		12B		
02313		XA150	26						16B	9		AD08B4	05	AY082A	01	1	TQ2	B1		14A		
05123		XA150	27		XA148	24			16B	9		AY092A	01	AY092A	00	1	TQ2	B4		13B	ADDER TO AY REG.	
00364		XA150	28									+5V	01				TQ2					
04517		XA150	29		XA150	24			16B	9		AYADDO	05	AY102A	01	1	TQ2	C3		14B		
05141		XA150	30		XA148	14			16B	9		AY101A	01	AY101A	00	1	TQ2	C2		15A	BUS TO AY REG. -	
02364		XA150	31						16B	9		AD10B4	05	AY102A	01	2	TQ2	C3		15B		
07572		XA150	32									GND	02	GRGUND			TQ2			20B		
05143		XA150	33		XA148	18			16B	9		AY102A	01	AY102A	00	1	TQ2	C3		16B	ADDER TO AY REG.	
04636		XA150	34		XA150	17			16B	9		AY08DO	05	AY101A	01	2	TQ2	C2		16A		
04768		XA150	35		XA150	18			16B	9		AYLSDO	06	AY103A	01	1	TQ2	C4		17B		
07575		XA150	36		XA127	06			16B	9		DB10A0	03	AY101A	01	1	TQ2	C2		17A		
05157		XA150	37		XA138	07			16B	9		AY11BQ	04	AY103A	01	2	TQ2	C4		18B		
05125		XA150	38		XA148	26			16B	9		AY093A	01	AY093A	00	1	TQ2	C1		18A	AY LEFT SHIFT 10	
05145		XA150	39		XA148	20			16B	9		AY103A	01	AY103A	00	1	TQ2	C4		19B	AY LEFT SHIFT 11	
04767		XA150	40		XA150	35			16B	9		AYLSDO	05	AY093A	01	2	TQ2	C1		19A		
CONNECTOR (XA150) CONTINUED ON THE NEXT PAGE ****																						

DRAWING NUMBER 149012-880

CONNECTOR

UNIT ASSEMBLY NO. 149012

REV E

INDEX XA150

UNIT ASSEMBLY NAME CARD CAGE ASSY, CPU L.H

FILE IDENT

T39B2CP1

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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	SIGNAL NO
	PREFIX	CONNECTOR	PIN	PREFIX	CONNECTOR	PIN	GAUGE	CODE	COLOR	IDENT											
04766		XA150	41		XA150	40		168	9		AYLS00	04	AY113A	01	1	TQ2	D3		22B		
05137		XA150	42		XA138	13		168	9		AY10BQ	04	AY093A	01	1	TQ2	C1		20A		
05177		XA150	43		XA138	25		168	9		AY12BQ	04	AY113A	01	2	TQ2	D3		23B		
07640		XA150	44								GND	02	GROUND			TQ2			21B		
05165		XA150	45		XA148	38		168	9		AY113A	01	AY113A	00	1	TQ2	D3		24B		AY LEFT SHIFT 12
05163		XA150	46		XA148	40		168	9		AY112A	01	AY112A	00	1	TQ2	D2		21A		ADDER TO AY REG.
04835		XA150	47		XA150	34		168	9		AY0800	04	AY121A	01	1	TQ2	D4		25B		
04516		XA150	48		XA150	29		168	9		AYAD00	04	AY112A	01	2	TQ2	D2		22A		
07643		XA150	49		XA127	42		168	9		DB12A0	03	AY121A	01	2	TQ2	D4		26R		
02392		XA150	50					168	9		AD11B1	05	AY112A	01	1	TQ2	D2		23A		
05181		XA150	51		XA148	30		168	9		AY121A	01	AY121A	00	1	TQ2	D4		27B		BUS TO AY REG. -
05161		XA150	52		XA148	42		168	9		AY111A	01	AY111A	00	1	TQ2	D1		24A		BUS TO AY REG. -
04633		XA150	53		XA150	54		168	9		AY0800	02	AY131A	01	1	TQ2	E3		28B		
04634		XA150	54		XA150	47		168	9		AY0800	03	AY111A	01	2	TQ2	D1		25A		
07675		XA150	55		XA127	52		168	9		DB13A0	03	AY131A	01	2	TQ2	E3		29B		
07609		XA150	56		XA127	26		168	9		DB11A0	03	AY111A	01	1	TQ2	D1		26A		
05201		XA150	57		XA148	49		168	9		AY131A	01	AY131A	00	1	TQ2	E3		30B		BUS TO AY REG. -
05240		XA150	58								GND		GROUND			TQ2			27A		
04515		XA150	59		XA150	48		168	9		AYAD00	03	AY132A	01	1	TQ2	E4		31B		
05185		XA150	60		XA148	34		168	9		AY123A	01	AY123A	00	1	TQ2	E2		28A		AY LEFT SHIFT 13
02448		XA150	61					168	9		AD13B4	05	AY132A	01	2	TQ2	E4		32B		
04765		XA150	62		XA150	41		168	9		AYLS00	03	AY123A	01	2	TQ2	E2		29A		
05203		XA150	63		XA148	52		168	9		AY132A	01	AY132A	00	1	TQ2	E4		33B		ADDER TO AY REG.
05196		XA150	64		XA147	71		168	9		AY13BQ	03	AY123A	01	1	TQ2	E2		30A		
04513		XA150	65		XA150	68		168	9		AYAD00	01	AY142A	01	1	TQ2	F3		34B		
05183		XA150	66		XA148	36		168	9		AY122A	01	AY122A	00	1	TQ2	E1		31A		ADDER TO AY REG.
05200		XA150	67								GND		GROUND			TQ2			40A		
04514		XA150	68		XA150	59		168	9		AYAD00	02	AY122A	01	2	TQ2	E1		32A		
05223		XA150	69		XA148	48		168	9		AY142A	01	AY142A	00	1	TQ2	F3		35A		ADDER TO AY REG.
02419		XA150	70					168	9		AD12B4	05	AY122A	01	1	TQ2	E1		33A		
04632		XA150	71		XA150	53		168	9		AY0800	01	AY141A	01	2	TQ2	F2		36A		
05221		XA150	72		XA148	50		168	9		AY141A	01	AY141A	00	1	TQ2	F2		34A		BUS TO AY REG. -
07709		XA150	73		XA126	06		168	9		DB14A0	03	AY141A	01	1	TQ2	F2		36B		
02472		XA150	74					168	9		AD14B4	05	AY142A	01	2	TQ2	F3		35B		
05205		XA150	75		XA148	54		168	9		AY133A	01	AY133A	00	1	TQ2	F1		37B		AY LEFT SHIFT 14
04764		XA150	76		XA150	62		168	9		AYLS00	02	AY143A	01	1	TQ2	F4		37A		
04763		XA150	77		XA150	76		168	9		AYLS00	01	AY133A	01	2	TQ2	F1		38B		
05236		XA150	78		XA147	73		168	9		AY15BQ	03	AY143A	01	2	TQ2	F4		38A		
05216		XA150	79		XA147	79		168	9		AY14BQ	03	AY133A	01	1	TQ2	F1		39B		
05225		XA150	80		XA148	43		168	9		AY143A	01	AY143A	00	1	TQ2	F4		39A		AY LEFT SHIFT 15
04893		XA151	01		XA149	08		168	9		AYSE2A	01	AYSE2A	00	1	TQ2	A2		02B		ADDER TO AY REG.
07259		XA151	02								GND		GROUND			TQ2			01A		
04630		XA151	03		XA142	22		168	9		AY0800	08	AY001A	01	1	TQ2	A3		02A		
02022		XA151	04					168	9		AD0E84	05	AYSE2A	01	1	TQ2	A2		04A		
04509		XA151	05		XA151	11		168	9		AYAD00	07	AYSE2A	01	2	TQ2	A2		03B		
04866		XA151	06		XA150	08		168	9		AYRCC0	01	AYRCC0	00	1	TQ2	A1		05A		RECIRCULATE AYSE
07264		XA151	07		XA143	25		168	9		DB00A0	05	AY001A	01	2	TQ2	A3		03A		
04868		XA151	08		XA141	09		168	9		AYRCC0	01	AYRCC0	01	2	TQ2	A1		06A		
CONNECTOR	XA151	CONTINUED ON THE NEXT PAGE ****																			

DRAWING NUMBER 149012-880 CONNECTOR UNIT ASSEMBLY NO. 149012 REV E INDEX XA151
 UNIT ASSEMBLY NAME CARD CAGE ASSY, CPU L.H. FILE IDENT T39B2CP1 DATE 09-03-82 PAGE 88

RECORD NUMBER	FROM			TO			WIRE				SIGNAL	SEG NO	EQUATION	TERM	FACTOR	CKT OF CHIP TYPE	GROUP	LOAD OR POWER PLANE	TEST POINTS AND/OR	SIGNAL DESCRIPTION	ECO NO	
	PREFIX	CONNECTOR	PIN	PREFIX	CONNECTOR	PIN	RENO	MULTI GROUP	CODE	COLOR												IDENT
04927		XA151	09		XA147	07			16B	9		AY001A	01	AY001A	00	1	TQ2	A3		04B	BUS TO AY REG. -	
04870		XA151	10		XA141	15			16B	9		AYKCC2A	01	AYRCC0	01	1	TQ2	A1		07A		
04510		XA151	11		XA150	05			16B	9		AYADCO	08	AY002A	01	1	TQ2	A4		C9B		
00365		XA151	12									+5V	01				TQ2					
02093		XA151	13						16B	9		AD00B1	05	AY002A	01	2	TQ2	A4		06B		
04950		XA151	14		XA147	14			16B	9		AY011A	01	AY011A	00	1	TQ2	B2		09A	BUS TO AY REG. -	
04929		XA151	15		XA147	05			16B	9		AY002A	01	AY002A	00	1	TQ2	A4		07B	ADDER TO AY REG.	
07292		XA151	16									GND	02	GROUND			TQ2			01B		
04508		XA151	17		XA151	05			16B	9		AYADCO	06	AY012A	01	1	TQ2	B3		08B		
04629		XA151	18		XA151	03			16B	9		AYDBCO	07	AY011A	01	2	TQ2	B2		10A		
02133		XA151	19						16B	9		AD01B4	05	AY012A	01	2	TQ2	B3		09B		
07295		XA151	20		XA129	26			16B	9		DB01A0	03	AY011A	01	1	TQ2	B2		11A		
04952		XA151	21		XA147	20			16B	9		AY012A	01	AY012A	00	1	TQ2	B3		10B	ADDER TO AY REG.	
04931		XA151	22		XA147	01			16B	9		AY003A	01	AY003A	00	1	TQ2	B1		12A	AY LEFT SHIFT 01	
04760		XA151	23		XA150	07			16B	9		AYLSCO	07	AY013A	01	1	TQ2	B4		11B		
04759		XA151	24		XA151	23			16B	9		AYLSCO	06	AY003A	01	2	TQ2	B1		13A		
04969		XA151	25						16B	9		AY02BQ	05	AY013A	01	2	TQ2	B4		12B		
04946		XA151	26		XA147	68			16B	9		AY01BQ	05	AY003A	01	1	TQ2	B1		14A		
04954		XA151	27		XA147	26			16B	9		AY013A	01	AY013A	00	1	TQ2	B4		13B	AY LEFT SHIFT 02	
00366		XA151	28									+5V	01				TQ2					
04758		XA151	29		XA151	24			16B	9		AYLSCO	05	AY023A	01	1	TQ2	C3		14B		
04974		XA151	30		XA149	05			16B	9		AY022A	01	AY022A	00	1	TQ2	C2		15A	ADDER TO AY REG.	
04989		XA151	31						16B	9		AY03BQ	05	AY023A	01	2	TQ2	C3		15B		
11032		XA151	32									GND	01	GROUND			TQ2			20B		
04976		XA151	33		XA149	07			16B	9		AY023A	01	AY023A	00	1	TQ2	C3		16B	AY LEFT SHIFT 03	
04507		XA151	34		XA151	17			16B	9		AYADCO	05	AY022A	01	2	TQ2	C2		16A		
04628		XA151	35		XA151	18			16B	9		AYDBCO	06	AY031A	01	1	TQ2	C4		17B		
02170		XA151	36						16B	9		AD02B4	05	AY022A	01	1	TQ2	C2		17A		
07356		XA151	37						16B	9		DB03A0	04	AY031A	01	2	TQ2	C4		18B		
04972		XA151	38		XA149	04			16B	9		AY021A	01	AY021A	00	1	TQ2	C1		18A	BUS TO AY REG. -	
04992		XA151	39		XA149	25			16B	9		AY031A	01	AY031A	00	1	TQ2	C4		19B	BUS TO AY REG. -	
04627		XA151	40		XA151	35			16B	9		AYDBCO	05	AY021A	01	2	TQ2	C1		19A		
04626		XA151	41		XA151	40			16B	9		AYDBCO	04	AY041A	01	1	TQ2	D3		22B		
07325		XA151	42		XA129	38			16B	9		DB02A0	03	AY021A	01	1	TQ2	C1		20A		
07383		XA151	43		XA129	66			16B	9		DB04A0	03	AY041A	01	2	TQ2	D3		23B		
07322		XA151	44									GND	02	GROUND			TQ2			21B		
05012		XA151	45		XA149	14			16B	9		AY041A	01	AY041A	00	1	TQ2	D3		24B	BUS TO AY REG. -	
04996		XA151	46		XA149	24			16B	9		AY033A	01	AY033A	00	1	TQ2	D2		21A	AY LEFT SHIFT 04	
04506		XA151	47		XA151	34			16B	9		AYADCO	04	AY042A	01	1	TQ2	D4		25B		
05009		XA151	48						16B	9		AY04BQ	05	AY033A	01	2	TQ2	D2		22A		
02215		XA151	49		XA228	04			16B	9		AD04B4	02	AY042A	01	2	TQ2	D4		26B		
04757		XA151	50		XA151	29			16B	9		AYLSCO	04	AY033A	01	1	TQ2	D2		23A		
05014		XA151	51		XA149	18			16B	9		AY042A	01	AY042A	00	1	TQ2	D4		27B	ADDER TO AY REG.	
04994		XA151	52		XA149	26			16B	9		AY032A	01	AY032A	00	1	TQ2	D1		24A	ADDER TO AY REG.	
04504		XA151	53		XA151	54			16B	9		AYADCO	02	AY052A	01	1	TQ2	E3		28B		
04505		XA151	54		XA151	47			16B	9		AYADCO	03	AY032A	01	2	TQ2	D1		25A		
02237		XA151	55		XA228	03			16B	9		AD05B4	02	AY052A	01	2	TQ2	E3		29B		
02194		XA151	56						16B	9		AD03B1	05	AY032A	01	1	TQ2	D1		26A		
05034		XA151	57		XA149	42			16B	9		AY052A	01	AY052A	00	1	TQ2	E3		30B	ADDER TO AY REG.	
11033		XA151	58									GND	01	GROUND			TQ2			27A		
CONNECTOR XA151 CONTINUED ON THE NEXT PAGE ****																						

DRAWING NUMBER 149012-880 CONNECTOR
 UNIT ASSEMBLY NAME CARD CAGE ASSY, CPU L.H

UNIT ASSEMBLY NO. 149012
 FILE IDENT T39B2CP1

REV E INDEX XA201
 DATE 09-03-82 PAGE 90

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 PO	PREFIX	CONNECTOR	PIN	SH PO	MULTI GROUP	CODE	COLOR	IDENT											
22893		XA201	26										GND	01				EXT					
21515		XA201	27		XA211	48				16B	9		CMA790	01				EXT					
22894		XA201	28										GND	01				EXT					
21533		XA201	29		XA210	68				16B	9		CMB790	01				EXT					
22895		XA201	30										GND	01				EXT					
21517		XA201	31		XA211	68				16B	9		CMA890	01				EXT					
22896		XA201	32										GND	01				EXT					
21535		XA201	33		XA210	62				16B	9		CMB890	01				EXT					
22897		XA201	34										GND	01				EXT					
22055		XA201	35		XA224	65				16B	9		C454G0	01				EXT				C05	
22056		XA201	36										GND	01				EXT					
22057		XA201	37										SPP					EXT					
22058		XA201	38										GND	01				EXT					
22059		XA201	39										SPP					EXT					
22060		XA201	40										GND	01				EXT					
22061		XA201	41										SPP					EXT					
22062		XA201	42										GND	01				EXT					
22063		XA201	43										SPP					EXT					
22064		XA201	44										GND	01				EXT					
22065		XA201	45										SPP					EXT					
22066		XA201	46										GND	01				EXT					
22067		XA201	47										SPP					EXT					
22068		XA201	48										GND	01				EXT					
22069		XA201	49										SPP					EXT					
22070		XA201	50										GND	01				EXT					
22071		XA201	51										SPP					EXT				TC BAY 2	
22072		XA201	52										GND	01				EXT					
22073		XA201	53										SPP					EXT					
22074		XA201	54										GND	01				EXT					
22075		XA201	55										SPP					EXT					
22076		XA201	56										GND	01				EXT					
22077		XA201	57										SPP					EXT					
22078		XA201	58										GND	01				EXT					
22079		XA201	59		XA203	03				16B	9		JBSTAD4	01				EXT					
22080		XA201	60										GND	01				EXT					
22081		XA201	61		XA203	61				16B	9		UIC TAB	01				EXT					
22082		XA201	62										GND	01				EXT					
22083		XA201	63		XA203	63				16B	9		UIC TDB	01				EXT					
22084		XA201	64										GND	01				EXT					
22085		XA201	65		XA203	65				16B	9		UIC RTB	01				EXT					
22086		XA201	66										GND	01				EXT					
22087		XA201	67		XA203	67				16B	9		UIC SMB	01				EXT					
22088		XA201	68										GND	01				EXT					
22089		XA201	69		XA203	69				16B	9		UIC SCB	01				EXT					
22090		XA201	70										GND	01				EXT					
22091		XA201	71		XA203	71				16B	9		UIC SSB	01				EXT					
22092		XA201	72							16B	9		GND025	05				EXT					
23425		XA201	72										GND					EXT					
22093		XA201	73		XA203	73				16B	9		UICPEB	01				EXT					
22094		XA201	74		XA201	76				16B	9		GND025	01				EXT					
CONNECTOR (XA201) CONTINUED ON THE NEXT PAGE ****																							

DRAWING NUMBER 149012-880 CONNECTOR
 UNIT ASSEMBLY NAME CARD CAGE ASSY, CPU L.H

UNIT ASSEMBLY NO. 149012
 FILE IDENT T39B2CP1

REV E INDEX XA201
 DATE 09-03-82 PAGE 91

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	SAFETY	MULTI GROUP	CODE	COLOR										
22095		XA201	75		XA203	75			16B	9		URTCIB	01			EXT				
22096		XA201	76		XA202	76			16B	9		GND025	02			EXT				
22097		XA201	77									SPP				EXT				
22098		XA201	78									GND	01			EXT				
22099		XA201	79									SPP				EXT				
22100		XA201	80									GND	01			EXT				
21440		XA202	01		XA231	29			16B	9		AMSNCA	01			EXT				TO BAY 2
22898		XA202	02									GND	01			EXT				
21443		XA202	03		XA229	65			16B	9		AMSNCO	01			EXT				
22899		XA202	04									GND	01			EXT				
21428		XA202	05		XA228	80			16B	9		AMFMRA	01			EXT				
22900		XA202	06									GND	01			EXT				
21426		XA202	07		XA228	69			16B	9		AMFMLA	01			EXT				
22901		XA202	08									GND	01			EXT				
21420		XA202	09		XA211	55			16B	9		AKDMBQ	01			EXT				
23210		XA202	10		XA201	12			16B	9		GND024	02			EXT				
21419		XA202	11		XA212	42			16B	9		AKDMBP	01			EXT				
22902		XA202	12									GND	01			EXT				
21417		XA202	13		XA213	64			16B	9		AKCBBQ	01			EXT				
22903		XA202	14									GND	01			EXT				
21412		XA202	15		XA212	65			16B	9		ADZRCA	01			EXT				
22904		XA202	16									GND	01			EXT				
21415		XA202	17		XA223	71			16B	9		ADZRC0	01			EXT				
22905		XA202	18									GND	01			EXT				
21411		XA202	19		XA221	20			16B	9		ADSB4	01			EXT				
22906		XA202	20									GND	01			EXT				
21408		XA202	21		XA229	06			16B	9		ADSECA	01			EXT				
22907		XA202	22									GND	01			EXT				
21407		XA202	23		XA221	04			16B	9		ADSEB4	01			EXT				
22908		XA202	24									GND	01			EXT				
21396		XA202	25		XA228	77			16B	9		ACZRCA	01			EXT				
22909		XA202	26									GND	01			EXT				
21399		XA202	27		XA243	39			16B	9		ACZRCA	01			EXT				
22910		XA202	28									GND	01			EXT				
21400		XA202	29		XA235	45			16B	9		ACZ1CA	01			EXT				
22911		XA202	30									GND	01			EXT				
21597		XA202	31		XA228	74			16B	9		CQA1C0	01			EXT				
22912		XA202	32									GND	01			EXT				
21601		XA202	33		XA231	30			16B	9		CQA2C0	01			EXT				
22913		XA202	34									GND	01			EXT				
21598		XA202	35		XA244	54			16B	9		CQA2CA	01			EXT				
22914		XA202	36									GND	01			EXT				
21603		XA202	37		XA231	22			16B	9		CQA2D0	01			EXT				
22915		XA202	38									GND	01			EXT				
21607		XA202	39		XA228	73			16B	9		CQA3C0	01			EXT				
22916		XA202	40									GND	01			EXT				
21609		XA202	41		XA212	54			16B	9		CQA3D0	01			EXT				
22917		XA202	42									GND	01			EXT				
CONNECTOR XA202 CONTINUED ON THE NEXT PAGE ****																				

DRAWING NUMBER 149012-880 CONNECTOR UNIT ASSEMBLY NO. 149012 REV E INDEX XA202
 UNIT ASSEMBLY NAME CARD CAGE ASSY, CPU L.H FILE IDENT T39B2CP1 DATE 09-03-82 PAGE 92

RECORD NUMBER	FROM			TO			WIRE				SFC INST WIRE	SIGNAL	SEQ NO	EQUATION	TERM	FACTOR	CKT OR CHIP TYPE	GROUP	LOAD GP POWER PLANE	TEST POINTS ANCHOR	SIGNAL DESCRIPTION	ECO NO
	PREFIX	CONNECTOR	PIN	PREFIX	CONNECTOR	PIN	MULTI GROUP	CODE	COLOR	IDENT												
21611		XA202	43		XA213	56		16B	9			CQA4C0	01				EXT					
22918		XA202	44									GND	01				EXT					
21617		XA202	45		XA213	79		16B	9			CQA6C0	01				EXT					
22919		XA202	46									GND	01				EXT					
21621		XA202	47		XA227	74		16B	9			CQA7C0	01				EXT					
22920		XA202	48									GND	01				EXT					
21618		XA202	49		XA227	79		16B	9			CQA7CA	01				EXT					
22921		XA202	50									GND	01				EXT					
21623		XA202	51		XA235	49		16B	9			CQA8C0	01				EXT				TO BAY 2	
22922		XA202	52									GND	01				EXT					
21625		XA202	53		XA228	79		16B	9			CQA9C0	01				EXT					
22923		XA202	54									GND	01				EXT					
21627		XA202	55		XA245	01		16B	9			CQB1C0	01				EXT					
22924		XA202	56									GND	01				EXT					
21631		XA202	57		XA213	71		16B	9			CQB3C0	01				EXT					
22925		XA202	58									GND	01				EXT					
21668		XA202	59		XA507	06		16B	9			CTMPL0	01				EXT					
22926		XA202	60									GND	01				EXT					
22449		XA202	61		XA210	17		16B	9			UCMB2B	01				EXT					
22927		XA202	62									GND	01				EXT					
22445		XA202	63		XA211	39		16B	9			UCMA4B	01				EXT					
22928		XA202	64									GND	01				EXT					
22451		XA202	65		XA210	41		16B	9			UCMB6B	01				EXT					
22929		XA202	66									GND	01				EXT					
22453		XA202	67		XA210	63		16B	9			UCMB7B	01				EXT					
22930		XA202	68									GND	01				EXT					
22447		XA202	69		XA211	63		16B	9			UCMA8B	01				EXT					
22931		XA202	70									GND	01				EXT					
22455		XA202	71		XA210	53		16B	9			UCMB8B	01				EXT					
22932		XA202	72									GND	01				EXT					
22101		XA202	73									SPP					EXT					
22102		XA202	74		XA201	72		16B	9			GND025	04				EXT					
22103		XA202	75									SPP					EXT					
22104		XA202	76		XA202	74		16B	9			GND025	03				EXT					
22105		XA202	77									SPP					EXT					
22106		XA202	78									GND	01				EXT					
22107		XA202	79									SPP					EXT					
22108		XA202	80									GND	01				EXT					
22109		XA203	01		XA301	01		16B	9			JMPE1D4	01				EXT					C03
22110		XA203	02		XA204	02		16B	9			GND007	07				EXT					C03
22111		XA203	03					16B	9			JBSTAD4	02				EXT					C03
22112		XA203	04		XA203	02		16B	9			GND007	06				EXT					C03
22113		XA203	05		XA301	05		16B	9			JDIG1D4	01				EXT					C03
22114		XA203	06		XA203	04		16B	9			GND007	05				EXT					C03
22115		XA203	07		XA301	07		16B	9			JDIG2D4	01				EXT					C03
22116		XA203	08		XA203	06		16B	9			GND007	04				EXT					C03
22117		XA203	09		XA301	09		16B	9			JDIG3D4	01				EXT					C03
22118		XA203	10		XA203	08		16B	9			GND007	03				EXT					C03
CONNECTOR		XA203	CONTINUED ON THE NEXT PAGE ****																			

DRAWING NUMBER 149012-880 CONNECTOR UNIT ASSEMBLY NO. 149012 REV E INDEX XA203
 UNIT ASSEMBLY NAME CARD CAGE ASSY, CPU L.H FILE IDENT T39B2CP1 DATE 09-03-82 PAGE 94

RECORD NUMBER	FROM				TO				WIRE				SIGNAL	SEQ NO	EQUATION	TERM	FACTOR	CKT OR CHIP TYPE	GROUP	LOAD OR POWER PLANE	TEST POINTS AND/OR	SIGNAL DESCRIPTION	ECO NO
	PREFIX	CONNECTOR	PIN	SH PG	PREFIX	CONNECTOR	PIN	SH PG	MULTI GROUP	CODE	COLOR	IDENT											
22169		XA203	61							16B	9		UICTAB	02									
22170		XA203	62		XA204	58				16B	9		GND011	04			EXT						C03
22171		XA203	63							16B	9		UICTDB	02			EXT						C03
22172		XA203	64		XA203	62				16B	9		GND011	03			EXT						C03
22173		XA203	65							16B	9		UICRTB	02			EXT						C03
22174		XA203	66		XA203	64				16B	9		GND011	02			EXT						C03
22175		XA203	67							16B	9		UICSMR	02			EXT						C03
22176		XA203	68		XA203	66				16B	9		GND011	01			EXT						C03
22177		XA203	69							16B	9		UICSCR	02			EXT						C03
22178		XA203	70		XA204	67				16B	9		GND012	06			EXT						C03
22179		XA203	71							16B	9		UICSSB	02			EXT						C03
22180		XA203	72		XA203	70				16B	9		GND012	05			EXT						C03
22181		XA203	73							16B	9		UICPEB	02			EXT						C03
22182		XA203	74		XA203	72				16B	9		GND012	04			EXT						C03
22183		XA203	75							16B	9		URTCIB	02			EXT						C03
22184		XA203	76		XA203	74				16B	9		GND012	03			EXT						C03
22185		XA203	77										SPP				EXT						C03
22186		XA203	78		XA203	76				16B	9		GND012	02			EXT						C03
22187		XA203	79										SPP				EXT						C03
22188		XA203	80		XA203	78				16B	9		GND012	01			EXT						C03
18723		XA204	01										SPP	01									
11034		XA204	02									GND	01	GROUND									
23120		XA204	02							16B	9		GND007	08									
18724		XA204	03									SPP	01										
18725		XA204	04									SPP	01										
18726		XA204	05									SPP	01										
18727		XA204	06									SPP	01										
18728		XA204	07									SPP	01										
18729		XA204	08									SPP	01										
18730		XA204	09									SPP	01										
18731		XA204	10									SPP	01										
18732		XA204	11									SPP	01										
12616		XA204	12									+5V	01										
18733		XA204	13									SPP	01										
18734		XA204	14									SPP	01										
18735		XA204	15									SPP	01										
12618		XA204	16									GND	01	GRGUND									
23121		XA204	16							16B	9		GND008	08									
18736		XA204	17									SPP	01										
18737		XA204	18									SPP	01										
18738		XA204	19									SPP	01										
18739		XA204	20									SPP	01										
18740		XA204	21									SPP	01										
18741		XA204	22									SPP	01										
18742		XA204	23									SPP	01										
18743		XA204	24									SPP	01										
18744		XA204	25									SPP	01										
18745		XA204	26									SPP	01										
CONNECTOR		XA204	CONTINUED ON THE NEXT PAGE ****																				

DRAWING NUMBER 149012-880 CONNECTOR UNIT ASSEMBLY NO. 149012 REV E INDEX XA204
 UNIT ASSEMBLY NAME CARD CAGE ASSY, CPU L.H FILE IDENT T39B2CP1 DATE 09-03-82 PAGE 95

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	POS	PREFIX	CONNECTOR	PIN	POS	SH FTG	MULTI GROUP	CODE	COLOR										
18746		XA204	27											SPP	01							
12663		XA204	28											+5V	01							
18747		XA204	29											SPP	01							
18748		XA204	30											SPP	01							
18749		XA204	31											SPP	01							
12665		XA204	32											GND	01	GROUND						
23122		XA204	32							16B	9			GND009	08							
18750		XA204	33											SPP	01							
18751		XA204	34											SPP	01							
18752		XA204	35											SPP	01							
18753		XA204	36											SPP	01							
18754		XA204	37											SPP	01							
18755		XA204	38											SPP	01							
18756		XA204	39											SPP	01							
18757		XA204	40											SPP	01							
18758		XA204	41											SPP	01							
18759		XA204	42											SPP	01							
18760		XA204	43											SPP	01							
11035		XA204	44											GND	01	GROUND						
23123		XA204	44							16B	9			GND010	08							
18761		XA204	45											SPP	01							
18762		XA204	46											SPP	01							
18763		XA204	47											SPP	01							
18764		XA204	48											SPP	01							
18765		XA204	49											SPP	01							
18766		XA204	50											SPP	01							
18767		XA204	51											SPP	01							
18768		XA204	52											SPP	01							
18769		XA204	53											SPP	01							
18770		XA204	54											SPP	01							
18771		XA204	55											SPP	01							
18772		XA204	56											SPP	01							
18773		XA204	57											SPP	01							
11036		XA204	58											GND	01	GROUND						
23124		XA204	58							16B	9			GND011	07							
18774		XA204	59											SPP	01							
18775		XA204	60											SPP	01							
18776		XA204	61											SPP	01							
18777		XA204	62											SPP	01							
18778		XA204	63											SPP	01							
18779		XA204	64											SPP	01							
18780		XA204	65											SPP	01							
18781		XA204	66											SPP	01							
11037		XA204	67											GND	01	GROUND						
23125		XA204	67							16B	9			GND012	07							
18782		XA204	68											SPP	01							
18783		XA204	69											SPP	01							
18784		XA204	70											SPP	01							
18785		XA204	71											SPP	01							
18786		XA204	72											SPP	01							
CONNECTOR XA204 CONTINUED ON THE NEXT PAGE ****																						

DRAWING NUMBER 149012-880 CONNECTOR UNIT ASSEMBLY NO. 149012 REV E INDEX XA204
 UNIT ASSEMBLY NAME CARD CAGE ASSY, CPU L.H FILE IDENT T39B2CP1 DATE 09-03-82 PAGE 96

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.F.C.	PREFIX	CONNECTOR	PIN	SH.F.C.	MULTI GROUP	CODE	COLOR	IDENT											
18787		XA204	73										SPP	01									
18788		XA204	74										SPP	01									
18789		XA204	75										SPP	01									
18790		XA204	76										SPP	01									
18791		XA204	77										SPP	01									
18792		XA204	78										SPP	01									
18793		XA204	79										SPP	01									
18794		XA204	80										SPP	01									
18795		XA205	01										SPP	01									
11038		XA205	02										GND	01	GRGUND								
18796		XA205	03										SPP	01									
18797		XA205	04										SPP	01									
18798		XA205	05										SPP	01									
18799		XA205	06										SPP	01									
18800		XA205	07										SPP	01									
18801		XA205	08										SPP	01									
18802		XA205	09										SPP	01									
18803		XA205	10										SPP	01									
18804		XA205	11										SPP	01									
12612		XA205	12										+5V	01									
18805		XA205	13										SPP	01									
18806		XA205	14										SPP	01									
18807		XA205	15										SPP	01									
12614		XA205	16										GND	02	GROUND								
18808		XA205	17										SPP	01									
18809		XA205	18										SPP	01									
18810		XA205	19										SPP	01									
18811		XA205	20										SPP	01									
18812		XA205	21										SPP	01									
18813		XA205	22										SPP	01									
18814		XA205	23										SPP	01									
18815		XA205	24										SPP	01									
18816		XA205	25										SPP	01									
18817		XA205	26										SPP	01									
18818		XA205	27										SPP	01									
12659		XA205	28										+5V	01									
18819		XA205	29										SPP	01									
18820		XA205	30										SPP	01									
18821		XA205	31										SPP	01									
12661		XA205	32										GND	01	GRGUND								
18822		XA205	33										SPP	01									
18823		XA205	34										SPP	01									
18824		XA205	35										SPP	01									
18825		XA205	36										SPP	01									
18826		XA205	37										SPP	01									
18827		XA205	38										SPP	01									
18828		XA205	39										SPP	01									
18829		XA205	40										SPP	01									
CONNECTOR XA205 CONTINUED ON THE NEXT PAGE ****																							

DRAWING NUMBER 149012-880 CONNECTOR UNIT ASSEMBLY NO. 149012 REV E INDEX XA205
 UNIT ASSEMBLY NAME CARD CAGE ASSY, CPU L.H FILE IDENT T39B2CP1 DATE 09-03-82 PAGE 97

RECORD NUMBER	FROM			TO			WIRE				SIGNAL	SQ 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	DR FC	MULTI GROUP	CODE	COLOR												IDENT
18830		XA205	41									SPP	01									
18831		XA205	42									SPP	01									
18832		XA205	43									SPP	01									
11039		XA205	44									GND	01	GROUND								
18833		XA205	45									SPP	01									
18834		XA205	46									SPP	01									
18835		XA205	47									SPP	01									
18836		XA205	48									SPP	01									
18837		XA205	49									SPP	01									
18838		XA205	50									SPP	01									
18839		XA205	51									SPP	01									
18840		XA205	52									SPP	01									
18841		XA205	53									SPP	01									
18842		XA205	54									SPP	01									
18843		XA205	55									SPP	01									
18844		XA205	56									SPP	01									
18845		XA205	57									SPP	01									
11040		XA205	58									GND	01	GROUND								
18846		XA205	59									SPP	01									
18847		XA205	60									SPP	01									
18848		XA205	61									SPP	01									
18849		XA205	62									SPP	01									
18850		XA205	63									SPP	01									
18851		XA205	64									SPP	01									
18852		XA205	65									SPP	01									
18853		XA205	66									SPP	01									
11041		XA205	67									GND	01	GROUND								
18854		XA205	68									SPP	01									
18855		XA205	69									SPP	01									
18856		XA205	70									SPP	01									
18857		XA205	71									SPP	01									
18858		XA205	72									SPP	01									
18859		XA205	73									SPP	01									
18860		XA205	74									SPP	01									
18861		XA205	75									SPP	01									
18862		XA205	76									SPP	01									
18863		XA205	77									SPP	01									
18864		XA205	78									SPP	01									
18865		XA205	79									SPP	01									
18866		XA205	80									SPP	01									
18867		XA206	01									SPP	01									
11042		XA206	02									GND	01	GROUND								
18868		XA206	03									SPP	01									
18869		XA206	04									SPP	01									
18870		XA206	05									SPP	01									
18871		XA206	06									SPP	01									
18872		XA206	07									SPP	01									
18873		XA206	08									SPP	01									
CONNECTOR (XA206) CONTINUED ON THE NEXT PAGE ***																						

DRAWING NUMBER 149012-880 CONNECTOR
 UNIT ASSEMBLY NAME CARD CAGE ASSY, CPU L.H

UNIT ASSEMBLY NO. 149012
 FILE IDENT T39B2CP1

REV E INDEX XA206
 DATE 09-03-82 PAGE 98

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	MULTI GROUP	CODE	COLOR											
18874		XA206	09									SPP	01								
18875		XA206	10									SPP	01								
18876		XA206	11									SPP	01								
12608		XA206	12									+5V	01								
18877		XA206	13									SPP	01								
18878		XA206	14									SPP	01								
18879		XA206	15									SPP	01								
12610		XA206	16									GND	01	GRGUND							
18880		XA206	17									SPP	01								
18881		XA206	18									SPP	01								
18882		XA206	19									SPP	01								
18883		XA206	20									SPP	01								
18884		XA206	21									SPP	01								
18885		XA206	22									SPP	01								
18886		XA206	23									SPP	01								
18887		XA206	24									SPP	01								
18888		XA206	25									SPP	01								
18889		XA206	26									SPP	01								
18890		XA206	27									SPP	01								
12655		XA206	28									+5V	01								
18891		XA206	29									SPP	01								
18892		XA206	30									SPP	01								
18893		XA206	31									SPP	01								
12657		XA206	32									GND	01	GROUND							
18894		XA206	33									SPP	01								
18895		XA206	34									SPP	01								
18896		XA206	35									SPP	01								
18897		XA206	36									SPP	01								
18898		XA206	37									SPP	01								
18899		XA206	38									SPP	01								
18900		XA206	39									SPP	01								
18901		XA206	40									SPP	01								
18902		XA206	41									SPP	01								
18903		XA206	42									SPP	01								
18904		XA206	43									SPP	01								
11043		XA206	44									GND	01	GROUND							
18905		XA206	45									SPP	01								
18906		XA206	46									SPP	01								
18907		XA206	47									SPP	01								
18908		XA206	48									SPP	01								
18909		XA206	49									SPP	01								
18910		XA206	50									SPP	01								
18911		XA206	51									SPP	01								
18912		XA206	52									SPP	01								
18913		XA206	53									SPP	01								
18914		XA206	54									SPP	01								
18915		XA206	55									SPP	01								
18916		XA206	56									SPP	01								
18917		XA206	57									SPP	01								
11044		XA206	58									GND	01	GROUND							
CONNECTOR		XA206	CONTINUED ON THE NEXT PAGE ****																		

DRAWING NUMBER 149012-880 CONNECTOR UNIT ASSEMBLY NO. 149012 REV E INDEX XA206
 UNIT ASSEMBLY NAME CARD CAGE ASSY, CPU L.H FILE IDENT T39B2CP1 DATE 09-03-82 PAGE 99

RECORD NUMBER	FROM			SPP	TO			SPP	WIRE				SPP	SIGNAL	SSC 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		DRG	MULTI GROUP	CODE	COLOR													IDENT
18918		XA206	59										SPP	01											
18919		XA206	60										SPP	01											
18920		XA206	61										SPP	01											
18921		XA206	62										SPP	01											
18922		XA206	63										SPP	01											
18923		XA206	64										SPP	01											
18924		XA206	65										SPP	01											
18925		XA206	66										SPP	01											
11045		XA206	67										GND	01	GROUND										
18926		XA206	68										SPP	01											
18927		XA206	69										SPP	01											
18928		XA206	70										SPP	01											
18929		XA206	71										SPP	01											
18930		XA206	72										SPP	01											
18931		XA206	73										SPP	01											
18932		XA206	74										SPP	01											
18933		XA206	75										SPP	01											
18934		XA206	76										SPP	01											
18935		XA206	77										SPP	01											
18936		XA206	78										SPP	01											
18937		XA206	79										SPP	01											
18938		XA206	80										SPP	01											
18939		XA207	01										SPP	01											
11046		XA207	02										GND	01	GROUND										
18940		XA207	03										SPP	01											
18941		XA207	04										SPP	01											
18942		XA207	05										SPP	01											
18943		XA207	06										SPP	01											
18944		XA207	07										SPP	01											
18945		XA207	08										SPP	01											
18946		XA207	09										SPP	01											
18947		XA207	10										SPP	01											
18948		XA207	11										SPP	01											
00367		XA207	12										+5V	01											
18949		XA207	13										SPP	01											
18950		XA207	14										SPP	01											
18951		XA207	15										SPP	01											
11047		XA207	16										GND	01	GROUND										
18952		XA207	17										SPP	01											
18953		XA207	18										SPP	01											
18954		XA207	19										SPP	01											
18955		XA207	20										SPP	01											
18956		XA207	21										SPP	01											
18957		XA207	22										SPP	01											
18958		XA207	23										SPP	01											
18959		XA207	24										SPP	01											
18960		XA207	25										SPP	01											
18961		XA207	26										SPP	01											
CONNECTOR (XA207) CONTINUED ON THE NEXT PAGE ****																									

DRAWING NUMBER 149012-880 CONNECTOR UNIT ASSEMBLY NO. 149012 REV E INDEX XA207
 UNIT ASSEMBLY NAME CARD CAGE ASSY, CPU L.H FILE IDENT T39B2CP1 DATE 09-03-82 PAGE 100

RECORD NUMBER	FROM			TO			WIRE					SIGNAL	SEQ NO	EQUATION	TERM	FACTOR	CKT OR CHIP TYPE	GROUP	LOAD CP POWER PLANE	TEST POINTS AND/OR	SIGNAL DESCRIPTION	ECO NO
	PREFIX	CONNECTOR	PIN	SH PG	PREFIX	CONNECTOR	PIN	SH PG	MULTI GROUP	CODE	COLOR											
18962		XA207	27									SPP	01									
00368		XA207	28									+5V	01									
18963		XA207	29									SPP	01									
18964		XA207	30									SPP	01									
18965		XA207	31									SPP	01									
11048		XA207	32									GND	01	GROUND								
18966		XA207	33									SPP	01									
18967		XA207	34									SPP	01									
18968		XA207	35									SPP	01									
18969		XA207	36									SPP	01									
18970		XA207	37									SPP	01									
18971		XA207	38									SPP	01									
18972		XA207	39									SPP	01									
18973		XA207	40									SPP	01									
18974		XA207	41									SPP	01									
18975		XA207	42									SPP	01									
18976		XA207	43									SPP	01									
11049		XA207	44									GND	01	GROUND								
18977		XA207	45									SPP	01									
18978		XA207	46									SPP	01									
18979		XA207	47									SPP	01									
18980		XA207	48									SPP	01									
18981		XA207	49									SPP	01									
18982		XA207	50									SPP	01									
18983		XA207	51									SPP	01									
18984		XA207	52									SPP	01									
18985		XA207	53									SPP	01									
18986		XA207	54									SPP	01									
18987		XA207	55									SPP	01									
18988		XA207	56									SPP	01									
18989		XA207	57									SPP	01									
11050		XA207	58									GND	01	GROUND								
18990		XA207	59									SPP	01									
18991		XA207	60									SPP	01									
18992		XA207	61									SPP	01									
18993		XA207	62									SPP	01									
18994		XA207	63									SPP	01									
18995		XA207	64									SPP	01									
18996		XA207	65									SPP	01									
18997		XA207	66									SPP	01									
11051		XA207	67									GND	01	GROUND								
18998		XA207	68									SPP	01									
18999		XA207	69									SPP	01									
19000		XA207	70									SPP	01									
19001		XA207	71									SPP	01									
19002		XA207	72									SPP	01									
19003		XA207	73									SPP	01									
19004		XA207	74									SPP	01									
19005		XA207	75									SPP	01									
19006		XA207	76									SPP	01									
CONNECTOR (XA207) CONTINUED ON THE NEXT PAGE ****																						

DRAWING NUMBER 149012-880 CONNECTOR
 UNIT ASSEMBLY NAME CARD CAGE ASSY, CPU L.H

UNIT ASSEMBLY NO. 149012
 FILE IDENT T39B2CP1

REV E INDEX XA207
 DATE 09-03-82 PAGE 101

RECORD NUMBER	FROM			SPEC	TO			WIRE				SPP INST. MUSC.	SIGNAL	SPQ 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	SPEC	MULTI GROUP	CODE	COLOR											
19007		XA207	77									SPP	01									
19008		XA207	78									SPP	01									
19009		XA207	75									SPP	01									
19010		XA207	80									SPP	01									
19011		XA208	01									SPP	01									
11052		XA208	02									GND	01	GROUND								
19012		XA208	03									SPP	01									
19013		XA208	04									SPP	01									
19014		XA208	05									SPP	01									
19015		XA208	06									SPP	01									
19016		XA208	07									SPP	01									
19017		XA208	08									SPP	01									
19018		XA208	09									SPP	01									
19019		XA208	10									SPP	01									
19020		XA208	11									SPP	01									
00369		XA208	12									+5V	01									
19021		XA208	13									SPP	01									
19022		XA208	14									SPP	01									
19023		XA208	15									SPP	01									
11053		XA208	16									GND	01	GROUND								
19024		XA208	17									SPP	01									
19025		XA208	18									SPP	01									
19026		XA208	19									SPP	01									
19027		XA208	20									SPP	01									
19028		XA208	21									SPP	01									
19029		XA208	22									SPP	01									
19030		XA208	23									SPP	01									
19031		XA208	24									SPP	01									
19032		XA208	25									SPP	01									
19033		XA208	26									SPP	01									
19034		XA208	27									SPP	01									
00370		XA208	28									+5V	01									
19035		XA208	29									SPP	01									
19036		XA208	30									SPP	01									
19037		XA208	31									SPP	01									
11054		XA208	32									GND	01	GROUND								
19038		XA208	33									SPP	01									
19039		XA208	34									SPP	01									
19040		XA208	35									SPP	01									
19041		XA208	36									SPP	01									
19042		XA208	37									SPP	01									
19043		XA208	38									SPP	01									
19044		XA208	39									SPP	01									
19045		XA208	40									SPP	01									
19046		XA208	41									SPP	01									
19047		XA208	42									SPP	01									
19048		XA208	43									SPP	01									
11055		XA208	44									GND	01	GROUND								
CONNECTOR (XA208) CONTINUED ON THE NEXT PAGE ****																						

DRAWING NUMBER 149012-880 CONNECTOR UNIT ASSEMBLY NO. 149012 REV E INDEX XA208
 UNIT ASSEMBLY NAME CARD CAGE ASSY, CPU L.H FILE IDENT T39B2CP1 DATE 09-03-82 PAGE 102

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		
19049		XA208	45									SPP	01										
19050		XA208	46									SPP	01										
19051		XA208	47									SPP	01										
19052		XA208	48									SPP	01										
19053		XA208	49									SPP	01										
19054		XA208	50									SPP	01										
19055		XA208	51									SPP	01										
19056		XA208	52									SPP	01										
19057		XA208	53									SPP	01										
19058		XA208	54									SPP	01										
19059		XA208	55									SPP	01										
19060		XA208	56									SPP	01										
19061		XA208	57									SPP	01										
11056		XA208	58									GND	01	GROUND									
19062		XA208	59									SPP	01										
19063		XA208	60									SPP	01										
19064		XA208	61									SPP	01										
19065		XA208	62									SPP	01										
19066		XA208	63									SPP	01										
19067		XA208	64									SPP	01										
19068		XA208	65									SPP	01										
19069		XA208	66									SPP	01										
11057		XA208	67									GND	01	GROUND									
19070		XA208	68									SPP	01										
19071		XA208	69									SPP	01										
19072		XA208	70									SPP	01										
19073		XA208	71									SPP	01										
19074		XA208	72									SPP	01										
19075		XA208	73									SPP	01										
19076		XA208	74									SPP	01										
19077		XA208	75									SPP	01										
19078		XA208	76									SPP	01										
19079		XA208	77									SPP	01										
19080		XA208	78									SPP	01										
19081		XA208	79									SPP	01										
19082		XA208	80									SPP	01										
08946		XA209	01									DNW	01				RR1						
22627		XA209	02									GND		GROUND			RR1						
23316		XA209	02						ZD	1E0	0	+5RE1G	07			RR1							A01
00042		XA209	03			XA209	13					+5RE1B	036			RR1	AP						
00043		XA209	04									SPF				RR1	AP						B02
20498		XA209	05									SPR	03			RR1	A1						
20499		XA209	06									SPR	03			RR1	A2						
20636		XA209	07									SPR	01			RR1	A3						
20500		XA209	08									SPR	03			RR1	A4						
20501		XA209	09									SPF	01			RR1	A5						
20638		XA209	10			XA212	15					SPI X01	01			RR1	A6						
08947		XA209	11									DNW	01			RR1							
CONNECTOR (XA209) CONTINUED ON THE NEXT PAGE ****																							

DRAWING NUMBER 149012-880 CONNECTOR UNIT ASSEMBLY NO. 149012 REV E INDEX XA209
 UNIT ASSEMBLY NAME CARD CAGE ASSY, CPU L.H. FILE IDENT T39B2CP1 DATE 09-03-82 PAGE 103

RECORD NUMBER	FROM			TO			WIRE				SPECIAL WIRE	SIGNAL	SEC 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	MULTI GROUP	CODE	COLOR	IDENT												
08948		XA209	12									+5V	01									
00044		XA209	13		XA209	21		16B	9			+5RE1B	037				RR1	BP				
00045		XA209	14									SPF					RR1	BP			+5RE1B	B02
12702		XA209	15									DNW	01				RR1				KEYWAY	C07
12703		XA209	16									DNW	01				RR1				KEYWAY	C05
20666		XA209	17									SPR	01				RR1	B1				
20668		XA209	18									SPR	01				RR1	B2				
20670		XA209	19									SPR	01				RR1	B3				
20672		XA209	20									SPR	01				RR1	B4				
00046		XA209	21		XA209	33		16B	9			+5RE1B	038				RR1	CP				
00047		XA209	22									SPF					RR1	CP			+5RE1B	B02
20678		XA209	23									SPR	01				RR1	C1				
20674		XA209	24									SPR	01				RR1	B5				
20680		XA209	25									SPR	01				RR1	C2				
20676		XA209	26									SPR	01				RR1	B6				
12704		XA209	27									DNW	01				RR1				KEYWAY	C07
08949		XA209	28									DNW	01				RR1				KEYWAY	C05
20682		XA209	29									SPR	01				RR1	C3				
17585		XA209	30		XA212	01		16B	9			SPI001	02				RR1	C4				
08950		XA209	31									DNW	01				RR1					
11059		XA209	32									GND	01	GROUND			RR1					
00048		XA209	33		XA209	49		16B	9			+5RE1B	039				RR1	DP				
00049		XA209	34									SPF					RR1	DP			+5RE1B	B02
16424		XA209	35		XA210	15		16B	9			SPA028	01				RR1	D1				
17712		XA209	36		XA210	73		16B	9			SPI014	01				RR1	C6				
16431		XA209	37		XA211	15		16B	9			SPA029	01				RR1	D2				
17703		XA209	38		XA210	75		16B	9			SPI013	01				RR1	C5				
16439		XA209	39		XA210	03		16B	9			SPA030	01				RR1	D3				
16450		XA209	40		XA211	65		16B	9			SPA031	01				RR1	D4				
16475		XA209	41		XA215	77		16B	9			SPA034	01				RR1	E1				
16461		XA209	42		XA214	15		16B	9			SPA032	01				RR1	D5				
08951		XA209	43									DNW	01				RR1					
22604		XA209	44									GND		GROUND			RR1					
16485		XA209	45		XA218	27		16B	9			SPA035	01				RR1	E2				
16469		XA209	46		XA214	26		16B	9			SPA033	01				RR1	D6				
16495		XA209	47		XA219	59		16B	9			SPA036	01				RR1	E3				
20714		XA209	48									SPR	01				RR1	E4				
00050		XA209	49		XA209	59		16B	9			+5RE1B	040				RR1	EP				
00051		XA209	50									SPF					RR1	EP			+5RE1B	B02
20502		XA209	51									SPR	01				RR1	F1				
17644		XA209	52		XA210	71		16B	9			SPI007	01				RR1	E5				
20503		XA209	53									SPR	01				RR1	F2				
20504		XA209	54									SPR	01				RR1	E6				
20505		XA209	55									SPR	03				RR1	F3				B06
20506		XA209	56									SPR	03				RR1	F4				B06
08952		XA209	57									DNW	01				RR1					
22605		XA209	58									GND		GROUND			RR1					
00052		XA209	59		XA209	69		16B	9			+5RE1B	041				RR1	FP				
00053		XA209	60									SPF					RR1	FP			+5RE1B	B02
20507		XA209	61									SPR	01				RR1	G1				
CONNECTOR		XA209	CONTINUED ON THE NEXT PAGE ****																			

DRAWING NUMBER 149012-880 CONNECTOR UNIT ASSEMBLY NO. 149012 REV E INDEX XA209
 UNIT ASSEMBLY NAME CARD CAGE ASSY, CPU L.H. FILE IDENT T39B2CP1 DATE 09-03-82 PAGE 104

RECORD NUMBER	FROM				TO				WIRE				SIGNAL	SEQ NO	EQUATION	TERM	FACTOR	CKT OFF CHIP TYPE	GROUP	LOAD CP POWER PLANE	TEST POINTS AND/OR	SIGNAL DESCRIPTION	ECO NO
	PREFIX	CONNECTOR	PIN	SRFG	PREFIX	CONNECTOR	PIN	SRFG	MULTI GROUP	CODE	COLOR	IDENT											
20508		XA209	62										SPR	01				RR1	F5				
20509		XA209	63										SPR	01				RR1	G2				
20510		XA209	64										SPR	01				RR1	F6				
20511		XA209	65										SPR	01				RR1	G3				
02744		XA209	66		XA216	50				16B	9		AD24L1	01				RR1	G4				
22606		XA209	67										GND					RR1					
08953		XA209	68										DNK	01				RR1					
00054		XA209	69		XA209	79				16B	9		+5RE1B	042				RR1	GP				
00055		XA209	70										SPF					RR1	GP			+5RE1B	B02
02532		XA209	71		XA209	72				16B	9		AD16L1	01				RR1	H1				
02533		XA209	72		XA215	64				16B	9		AD16L1	02				RR1	G5				
02641		XA209	73		XA214	50				16B	9		AD20L1	01				RR1	H2				
02042		XA209	74		XA221	18				16B	9		AD5X85	01				RR1	G6				
02044		XA209	75		XA221	14				16B	9		AD5X86	01				RR1	H3				
02225		XA209	76		XA221	50				16B	9		AD04L1	01				RR1	H4				
02320		XA209	77		XA221	64				16B	9		AD08L1	01				RR1	H5				
02426		XA209	78		XA220	50				16B	9		AD12L1	01				RR1	H6				
00056		XA209	79		XA310	03				16B	9		+5RE1B	043				RR1	HP				
00057		XA209	80										SPF					RR1	HP			+5RE1B	B02
06162		XA210	01		XA211	01				16B	9		CMCPAB	10	CM80CN	01	1	TDD	BN		02B	GATED CLOCK-ARITH	
11060		XA210	02										GND	01	GROUND			TDD			01B		
16440		XA210	03		XA211	64				16B	9		SPA030	02	CM80CQ	01	1	TDD	BQ		02A		
06133		XA210	04		XA211	04				16B	9		CMCLRB	06	CM80CP	01	1	TDD	BP		04A	CLEAR MOP REG- A	
05983		XA210	05							16B	9		CM8090	03	CM80CI	01	1	TDD	BI		03B		
06132		XA210	06		XA210	04				16B	9		CMCLRB	05	CM80BP	01	1	TDD	AP		05A	CLEAR MOP REG- A	
05977		XA210	07		XA115	35				16B	9		CM80CQ	01	CM80CQ	00	1	TDD	BQ		03A	ARITH. CNTRL 10 U	
05982		XA210	08		XA210	05				16B	9		CM8090	02	CM80BI	01	1	TDD	AI		06A		
05970		XA210	09		XA113	56				16B	9		CM80CP	01	CM80CP	00	1	TDD	BP		04B	ARITH. CNTRL 10 U	
06166		XA210	10		XA210	14				16B	9		CMCPAB	14	CM80BN	01	1	TDD	AN		07A	GATED CLOCK-ARITH	
05958		XA210	11		XA114	31				16B	9		CM80BP	01	CM80BP	00	1	TDD	AP		05B	ARITH. CONTROL 10	
00371		XA210	12										+5V	01				TDD					
05965		XA210	13		XA114	68				16B	9		CM80BQ	01	CM80BQ	00	1	TDD	AQ		06B	ARITH. CONTROL 10	
06167		XA210	14		XA210	26				16B	9		CMCPAB	15	CM82BN	01	1	TDD	DN		09A	GATED CLOCK-ARITH	
16425		XA210	15		XA210	27				16B	9		SPA028	02	CM80BQ	01	1	TDD	AQ		07B		
11061		XA210	16										GND	01	GROUND			TDD			20B		
21032		XA210	17		XA222	72				16B	9		UCM82B	02	CM82BQ	01	1	TDD	DQ		08B		
06013		XA210	18							16B	9		CM8290	02	CM82BI	01	1	TDD	DI		10A		
06003		XA210	19		XA113	70				16B	9		CM82BQ	01	CM82BQ	00	1	TDD	DQ		09B	ARITH. CONTROL 12	
06138		XA210	20		XA210	22				16B	9		CMCLRB	11	CM82BP	01	1	TDD	DP		11A	CLEAR MOP REG- A	
05995		XA210	21		XA114	56				16B	9		CM82BP	01	CM82BP	00	1	TDD	DP		10B	ARITH. CONTROL 12	
06139		XA210	22		XA210	38				16B	9		CMCLRB	12	CM81BP	01	1	TDD	CP		12A	CLEAR MOP REG- A	
05984		XA210	23		XA124	48				16B	9		CM81BP	01	CM81BP	00	1	TDD	CP		11B	ARITH. CONTROL 11	
05994		XA210	24							16B	9		CM8190	02	CM81BI	01	1	TDD	CI		13A		
05987		XA210	25		XA123	69				16B	9		CM81BQ	01	CM81BQ	00	1	TDD	CQ		12B	ARITH. CONTROL 11	
06168		XA210	26		XA210	30				16B	9		CMCPAB	16	CM81BN	01	1	TDD	CN		14A	GATED CLOCK-ARITH	
16426		XA210	27		XA210	29				16B	9		SPA028	03	CM81BQ	01	1	TDD	CQ		13B		
00372		XA210	28										+5V	01				TDD					
16427		XA210	29		XA210	39				16B	9		SPA028	04	CM84BQ	01	1	TDD	EQ		14B		
CONNECTOR	XA210	CONTINUED ON THE NEXT PAGE ****																					

DRAWING NUMBER 149012-880 CONNECTOR UNIT ASSEMBLY NO. 149012 REV E INDEX XA210
 UNIT ASSEMBLY NAME CARD CAGE ASSY, CPU L.H. FILE IDENT T39B2CP1 DATE 09-03-82 PAGE 105

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											
06169		XA210	30			XA211	30			16B	9		CMCPAB	17	CMB4BN	01	1	TDD	FN	15A	GATED CLOCK-ARITH		
06038		XA210	31			XA213	10			16B	9		CMB4BQ	03	CMB4BQ	00	1	TDD	FQ	15B	ARITH. CONTROL 14		
22628		XA210	32										GND		GROUND			TDD		21B			
06033		XA210	33			XA113	77			16B	9		CMB4BP	04	CMB4BP	00	1	TDD	FP	16B	ARITH. CONTROL 14		
06047		XA210	34							16B	9		CMB490	02	CMB4BI	01	1	TDD	FI	16A			
06017		XA210	35			XA113	79			16B	9		CMB3BP	04	CMB3BP	00	1	TDD	EP	17B	ARITH. CONTROL 13		
06141		XA210	36			XA211	36			16B	9		CMCLRB	14	CMB4BP	01	1	TDD	FP	17A	CLEAR MOP REG- A		
06021		XA210	37			XA212	45			16B	9		CMB3BQ	02	CMB3BQ	00	1	TDD	EQ	18B	ARITH. CONTROL 13		
06140		XA210	38			XA210	36			16B	9		CMCLRB	13	CMB3BP	01	1	TDD	EP	18A	CLEAR MOP REG- A		
16428		XA210	39			XA210	51			16B	9		SPA028	05	CMB3BQ	01	1	TDD	EQ	19B			
06029		XA210	40							16B	9		CMB390	02	CMB3BI	01	1	TDD	ET	19A			
21037		XA210	41			XA222	73			16B	9		UCMB6B	02	CMB6BQ	01	1	TDD	HQ	22B			
06160		XA210	42			XA210	46			16B	9		CMCPAB	08	CMB3BN	01	1	TDD	EN	23A	GATED CLOCK-ARITH		
06070		XA210	43							16B	9		CMB6BQ	06	CMB6BQ	00	1	TDD	HQ	23B	ARITH. CONTROL 16		
11062		XA210	44										GND	01	GROUND			TDD		27A			
06064		XA210	45							16B	9		CMB6BP	03	CMB6BP	00	1	TDD	HP	24B	ARITH. CONTROL 16		
06161		XA210	46			XA210	01			16B	9		CMCPAB	09	CMB6BN	01	1	TDD	HN	21A	GATED CLOCK-ARITH		
06048		XA210	47			XA212	33			16B	9		CMB5BP	01	CMB5BP	00	1	TDD	GP	25B	ARITH. CONTROL 15		
06074		XA210	48							16B	9		CMB690	02	CMB6BI	01	1	TDD	HI	22A			
06053		XA210	49			XA114	74			16B	9		CMB5BQ	02	CMB5BQ	00	1	TDD	GQ	26B	ARITH. CONTROL 15		
06147		XA210	50			XA302	73			16B	9		CMCLRB	20	CMB6BP	01	1	TDD	HP	23A	CLEAR MOP REG- A		
16429		XA210	51			XA211	03			16B	9		SPA028	06	CMB5BQ	01	1	TDD	GQ	27B			
06146		XA210	52			XA210	50			16B	9		CMCLRB	19	CMB5BP	01	1	TDD	GP	24A	CLEAR MOP REG- A		
21047		XA210	53			XA222	76			16B	9		UCMB8B	02	CMB8BQ	01	1	TDD	KQ	28B			
06061		XA210	54							16B	9		CMB590	02	CMB5BI	01	1	TDD	GI	25A			
06094		XA210	55							16B	9		CMB8BQ	05	CMB8BQ	00	1	TDD	KQ	29B	ARITH. CONTROL 18		
06156		XA210	56			XA211	56			16B	9		CMCPAB	04	CMB5BN	01	1	TDD	GN	26A	GATED CLOCK-ARITH		
06089		XA210	57							16B	9		CMB8BP	03	CMB8BP	00	1	TDD	KP	30B	ARITH. CONTROL 18		
11063		XA210	58										GND	01	GROUND			TDD		40A			
06077		XA210	59							16B	9		CMB7BP	03	CMB7BP	00	1	TDD	JP	31B	ARITH. CONTROL 17		
06155		XA210	60			XA210	56			16B	9		CMCPAB	03	CMB8BN	01	1	TDD	KN	28A	GATED CLOCK-ARITH		
06082		XA210	61							16B	9		CMB7BQ	05	CMB7BQ	00	1	TDD	JQ	32B	ARITH. CONTROL 17		
06098		XA210	62							16B	9		CMB890	02	CMB8BI	01	1	TDD	KI	29A			
21042		XA210	63			XA222	75			16B	9		UCMB7B	02	CMB7BQ	01	1	TDD	JO	33B			
06131		XA210	64			XA210	06			16B	9		CMCLRB	04	CMB8BP	01	1	TDD	KP	30A	CLEAR MOP REG- A		
17720		XA210	65			XA210	80			16B	9		SPI015	01				TDD	MQ	34B			
06130		XA210	66			XA210	64			16B	9		CMCLRB	03	CMB7BP	01	1	TDD	JP	31A	CLEAR MOP REG- A		
11064		XA210	67										GND	01	GROUND			TDD		40B			
06086		XA210	68							16B	9		CMB790	02	CMB7BI	01	1	TDD	JI	32A			
20681		XA210	69										SPO	02		00	1	TDD	MP	35A			
06154		XA210	70			XA210	60			16B	9		CMCPAB	02	CMB7BN	01	1	TDD	JN	33A	GATED CLOCK-ARITH		
17645		XA210	71			XA212	03			16B	9		SPI007	02				TDD	MI	36A			
17704		XA210	72							16B	9		SPI012	09				TDD	MN	34A			
17713		XA210	73			XA210	77			16B	9		SPI014	02				TDD	MP	36B			
20683		XA210	74							16B	9		SPO	02		00	1	TDD	MQ	35B			
17705		XA210	75			XA212	18			16B	9		SPI013	03				TDD	LP	37B			
20677		XA210	76										SPO	02		00	1	TDD	LP	37A			
17714		XA210	77			XA212	25			16B	9		SPI014	03				TDD	LI	38B			
20679		XA210	78										SPO	02		00	1	TDD	LQ	38A			
17646		XA210	79			XA111	60			16B	9		SPI011	00				TDD	LN	39B			
CONNECTOR (XA210) CONTINUED ON THE NEXT PAGE ****																							

DRAWING NUMBER 149012-880 CONNECTOR UNIT ASSEMBLY NO. 149012 REV E INDEX XA210
 UNIT ASSEMBLY NAME CARD CAGE ASSY, CPU L.H. FILE IDENT T39B2CP1 DATE 09-03-82 PAGE 106

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	SHP	PREFIX	CONNECTOR	PIN	SHP	MULTI GROUP	CODE											
17721		XA210	80		XA212	05				16B	9		SPI015	02						39A	
06163		XA211	01		XA211	14				16B	9		CMCPAB	11	CMA1CN	01	1	TDD	BN	02B	GATED CLOCK-ARITH
22625		XA211	02										GND		GROUND			TDD		01B	
16430		XA211	03							16B	9		SPA028	07	CMA1CQ	01	1	TDD	BQ	02A	
06134		XA211	04		XA211	06				16B	9		CMCLRB	07	CMA1CP	01	1	TDD	BP	04A	CLEAR MOP REG- A
05845		XA211	05							16B	9		CMA190	03	CMA1CI	01	1	TDD	BI	03B	
06135		XA211	06		XA211	22				16B	9		CMCLRB	08	CMA1BP	01	1	TDD	AP	05A	CLEAR MOP REG- A
05840		XA211	07							16B	9		CMA1CQ	06	CMA1CQ	00	1	TDD	BQ	03A	ARITH. CNTRL 01 U
05844		XA211	08		XA211	05				16B	9		CMA190	02	CMA1BI	01	1	TDD	AI	06A	
05834		XA211	09							16B	9		CMA1CP	07	CMA1CP	00	1	TDD	BP	04B	ARITH. CNTRL 01 U
06165		XA211	10		XA210	10				16B	9		CMCPAB	13	CMA1BN	01	1	TDD	AN	07A	GATED CLOCK-ARITH
05818		XA211	11							16B	9		CMA1BP	07	CMA1BP	00	1	TDD	AP	05B	ARITH. CONTROL 01
00373		XA211	12										+5V	01				TDD			
05823		XA211	13							16B	9		CMA1BQ	05	CMA1BQ	00	1	TDD	AQ	06B	ARITH. CONTROL 01
06164		XA211	14		XA211	10				16B	9		CMCPAB	12	CMA3BN	01	1	TDD	BN	09A	GATED CLOCK-ARITH
16432		XA211	15		XA211	17				16B	9		SPA029	02	CMA1BQ	01	1	TDD	AQ	07B	
11065		XA211	16										GND	01	GROUND			TDD		20B	
16433		XA211	17		XA211	27				16B	9		SPA029	03	CMA3BQ	01	1	TDD	DQ	08B	
05878		XA211	18							16B	9		CMA390	02	CMA3BI	01	1	TDD	DI	10A	
05874		XA211	19							16B	9		CMA3BQ	08	CMA3BQ	00	1	TDD	DQ	09B	ARITH. CONTROL 03
06137		XA211	20		XA21J	20				16B	9		CMCLRB	10	CMA3BP	01	1	TDD	DP	11A	CLEAR MOP REG- A
05866		XA211	21							16B	9		CMA3BP	08	CMA3BP	00	1	TDD	DP	10B	ARITH. CONTROL 03
06136		XA211	22		XA211	20				16B	9		CMCLRB	09	CMA2BP	01	1	TDD	CP	12A	CLEAR MOP REG- A
05851		XA211	23							16B	9		CMA2BP	06	CMA2BP	00	1	TDD	CP	11B	ARITH. CONTROL 02
05858		XA211	24							16B	9		CMA290	02	CMA2BI	01	1	TDD	CI	13A	
05854		XA211	25							16B	9		CMA2BQ	03	CMA2BQ	00	1	TDD	CQ	12B	ARITH. CONTROL 02
06171		XA211	26		XA213	22				16B	9		CMCPAB	19	CMA2BN	01	1	TDD	CN	14A	GATED CLOCK-ARITH
16434		XA211	27		XA211	29				16B	9		SPA029	04	CMA2BQ	01	1	TDD	CQ	13B	
00374		XA211	28										+5V	01				TDD			
16435		XA211	29		XA211	41				16B	9		SPA029	05	CMA5BQ	01	1	TDD	FQ	14B	
06170		XA211	30		XA211	26				16B	9		CMCPAB	18	CMA5BN	01	1	TDD	FN	15A	GATED CLOCK-ARITH
05906		XA211	31		XA141	35				16B	9		CMA5BQ	01	CMA5BQ	00	1	TDD	FQ	15B	ARITH. CONTROL 05
11066		XA211	32										GND	01	GROUND			TDD		21B	
05900		XA211	33		XA131	78				16B	9		CMA5BP	01	CMA5BP	00	1	TDD	FP	16B	ARITH. CONTROL 05
05912		XA211	34							16B	9		CMA590	02	CMA5BI	01	1	TDD	FI	16A	
05885		XA211	35							16B	9		CMA4BP	07	CMA4BP	00	1	TDD	EP	17B	ARITH. CONTROL 04
06142		XA211	36		XA211	38				16B	9		CMCLRB	15	CMA5BP	01	1	TDD	FP	17A	CLEAR MOP REG- A
05893		XA211	37							16B	9		CMA4BQ	08	CMA4BQ	00	1	TDD	EQ	18B	ARITH. CONTROL 04
06143		XA211	38		XA211	50				16B	9		CMCLRB	16	CMA4BP	01	1	TDD	EP	18A	CLEAR MOP REG- A
21022		XA211	39		XA222	66				16B	9		UCMA4B	02	CMA4BQ	01	1	TDD	EQ	19B	
05897		XA211	40							16B	9		CMA490	02	CMA4BI	01	1	TDD	EI	19A	
16436		XA211	41		XA211	51				16B	9		SPA029	06	CMA7BQ	01	1	TDD	HQ	22B	
06158		XA211	42		XA211	46				16B	9		CMCPAB	06	CMA4BN	01	1	TDD	EN	20A	GATED CLOCK-ARITH
05935		XA211	43		XA141	47				16B	9		CMA7BQ	01	CMA7BQ	00	1	TDD	HQ	23B	ARITH. CONTROL 07
22630		XA211	44										GND		GROUND			TDD		27A	
05931		XA211	45		XA131	77				16B	9		CMA7BP	01	CMA7BP	00	1	TDD	HP	24B	ARITH. CONTROL 07
06159		XA211	46		XA210	42				16B	9		CMCPAB	07	CMA7BN	01	1	TDD	HN	21A	GATED CLOCK-ARITH
05915		XA211	47		XA131	75				16B	9		CMA6BP	01	CMA6BP	00	1	TDD	GP	25B	ARITH. CONTROL 06
CONNECTOR	XA211	CONTINUED ON THE NEXT PAGE ****																			

DRAWING NUMBER 149012-880 CONNECTOR UNIT ASSEMBLY NAME CARD CAGE ASSY, CPU L.H. UNIT ASSEMBLY NO. 149012 REV E INDEX XA211
 FILE IDENT T39B2CP1 DATE 09-03-82 PAGE 107

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												
05941		XA211	48						16B 9		CMA790	02	CMA7BI	01	1	TDD	HI	22A		
05919		XA211	49		XA141	37			16B 9		CMA6BQ	01	CMA6BQ	00	1	TDD	GQ	26B	ARITH. CONTROL 06	
06144		XA211	50		XA211	52			16B 9		CMCLRB	17	CMA7BP	01	1	TDD	HP	23A	CLEAR MOP REG- A	
16437		XA211	51		XA211	53			16B 9		SPA029	07	CMA6BQ	01	1	TDD	GQ	27B		
06145		XA211	52		XA210	52			16B 9		CMCLRB	18	CMA6BP	01	1	TDD	GP	24A	CLEAR MOP REG- A	
16438		XA211	53						16B 9		SPA029	08	AKDMBQ	01	1	TDD	KQ	28B		
05928		XA211	54						16B 9		CMA690	02	CMA6BI	01	1	TDD	GI	29A		
02944		XA211	55		XA213	53			16B 9		AKDMBQ	02	AKDMBQ	00	1	TDD	KQ	29B	AKDM - PRESET	
06157		XA211	56		XA211	42			16B 9		CMCPAB	05	CMA6BN	01	1	TDD	GN	26A	GATED CLOCK-ARITH	
02942		XA211	57						16B 9		AKDMBP	03	AKDMBP	00	1	TDD	KP	30B	AKDM - CLEAR	
22631		XA211	58								GND		GROUND			TDD		40A		
05944		XA211	59		XA131	79			16B 9		CMA8BP	01	CMA8BP	00	1	TDD	JP	31B	ARITH. CONTROL 08	
02932		XA211	60		XA213	09			16B 9		AKCPEA	03	AKDMBN	01	1	TDD	KN	28A		
05948		XA211	61		XA141	48			16B 9		CMA8BQ	01	CMA8BQ	00	1	TDD	JQ	32B	ARITH. CONTROL 08	
02960		XA211	62						16B 9		AKDM90	02	AKDMBI	01	1	TDD	KI	29A		
21027		XA211	63		XA222	71			16B 9		UCMA8B	02	CMA8BQ	01	1	TDD	JQ	33B		
16441		XA211	64		XA211	73			16B 9		SPA030	03	AKDMBP	01	1	TDD	KP	30A		
16451		XA211	65		XA211	80			16B 9		SPA031	02	AKDVBP	01	1	TDD	MQ	34B		
06129		XA211	66		XA210	66			16B 9		CMCLRB	02	CMA8BP	01	1	TDD	JP	31A	CLEAR MOP REG- A	
11068		XA211	67								GND		GROUND			TDD		40B		
J5957		XA211	68						16B 9		CMA890	02	CMA8BI	01	1	TDD	J1	32A		
02971		XA211	69		XA113	34			16B 9		AKDVBP	02	AKDVBP	00	1	TDD	MP	35A	AKDV - CLEAR	
06153		XA211	70		XA210	70			16B 9		CMCPAB	01	CMA8BN	01	1	TDD	JN	33A	GATED CLOCK-ARITH	
02983		XA211	71						16B 9		AKDV90	02	AKDVBI	01	1	TDD	MI	36A		
02931		XA211	72		XA211	60			16B 9		AKCPEA	02	AKDVBN	01	1	TDD	MN	34A		
16442		XA211	73		XA211	75			16B 9		SPA030	04	AKDVBP	01	1	TDD	MP	36B		
02974		XA211	74		XA113	29			16B 9		AKDVBP	02	AKDVBO	00	1	TDD	MQ	35B	AKDV - PRESET	
16443		XA211	75		XA213	17			16B 9		SPA030	05	AKDTBP	01	1	TDD	LP	37B		
02962		XA211	76						16B 9		AKDTBP	02	AKDTBP	00	1	TDD	LP	37A	AKDT - CLEAR	
02969		XA211	77						16B 9		AKDT90	02	AKDTBI	01	1	TDD	LI	38B		
02964		XA211	78		XA113	71			16B 9		AKDTBQ	02	AKDTBQ	00	1	TDD	LQ	38A	AKDT - PRESET	
02930		XA211	79		XA211	72			16B 9		AKCPEA	01	AKDTBN	01	1	TDD	LN	39B		
16452		XA211	80		XA214	11			16B 9		SPA031	03	AKDTBQ	01	1	TDD	LQ	39A		
17586		XA212	01		XA212	06			16B 9		SPI001	03				TT3	A2	02B		
11069		XA212	02								GND	01	GROUND			TT3		01B		
17647		XA212	03		XA212	08			16B 9		SPI007	04				TT3	A2	02A		
20667		XA212	04								SPO	02		00	1	TT3	A1	04A		
17722		XA212	05		XA212	10			16B 9		SPI015	03				TT3	A2	03B		
17587		XA212	06		XA212	09			16B 9		SPI001	04				TT3	A1	05A		
20669		XA212	07								SPO	02		00	1	TT3	A2	03A		
17648		XA212	08		XA212	11			16B 9		SPI007	05				TT3	A1	06A		
17588		XA212	09		XA212	14			16B 9		SPI001	05				TT3	A3	04B		
17723		XA212	10		XA212	13			16B 9		SPI015	04				TT3	A1	07A		
17649		XA212	11		XA212	17			16B 9		SPI007	06				TT3	A3	05B		
00375		XA212	12								+5V	01			TT3					
17724		XA212	13		XA229	76			16B 9		SPI015	05				TT3	A3	06B		
17589		XA212	14		XA212	22			16B 9		SPI001	06				TT3	B2	09A		
17650		XA212	15		XA514	70			18B 9		SPIX01	02				TT3	A3	07B		E01
CONNECTOR XA212 CONTINUED ON THE NEXT PAGE ****																				

DRAWING NUMBER 149012-880 CONNECTOR UNIT ASSEMBLY NO. 149012 REV E INDEX XA212
 UNIT ASSEMBLY NAME CARD CAGE ASSY, CPU L.H. FILE IDENT T39B2CP1 DATE 09-03-82 PAGE 108

RECORD NUMBER	FROM				TO				WIRE				SFC INST. NO.	SIGNAL	SEQ NO	EQUATION	TERM	FACTOR	CKT OP. CHIP TYPE	GROUP	LOAD CP. 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												
11070		XA212	16										GND	01	GROUND			TT3				21B		
17651		XA212	17		XA212	21				16B	9		SP1007	08				TT3	B2			08B		
17706		XA212	18		XA212	23				16B	9		SP1013	04				TT3	B2			10A		
20673		XA212	19										SP0	02		00	1	TT3	B2			09B		
20671		XA212	20										SP0	02		00	1	TT3	B1			11A		
17652		XA212	21		XA212	24				16B	9		SP1007	09				TT3	B3			10A		
17590		XA212	22		XA213	11				16B	9		SP1001	07				TT3	B1			12A		
17707		XA212	23		XA212	26				16B	9		SP1013	05				TT3	B3			11B		
17653		XA212	24							16B	9		SP1007	10				TT3	B1			13A		
17715		XA212	25		XA223	74				16B	9		SP1014	04				TT3	B3			12B		C06
17708		XA212	26		XA213	13				16B	9		SP1013	06				TT3	B1			14A		
20675		XA212	27										SP0	02		00	1	TT3	B3			13B		
00376		XA212	28										+5V	01				TT3						
17524		XA212	29		XA212	38				16B	9		SPA131	01	AKY53A	01	3	TT3	C2			14B		
04881		XA212	30		XA315	42				16B	9		AYSEBQ	02	AKY53A	01	2	TT3	C2			15A		
03218		XA212	31		XA115	14				16B	9		AKY53A	01	AKY53A	00	1	TT3	C2			15B		
17514		XA212	32										GND		GROUND			TT3				27A		
06049		XA212	33		XA113	78				16B	9		CM25BP	02	AKCP1A	01	1	TT3	C3			16B		
01217		XA212	34							16B	9		ACSEBP	07	AKY53A	01	1	TT3	C2			16A		
06016		XA212	35		XA210	35				16B	9		CM33BP	03	AKCP1A	01	2	TT3	C3			17B		
02955		XA212	36		XA111	38				16B	9		AKDM40	01	AKDM40	00	1	TT3	C1			17A		
06032		XA212	37		XA210	33				16B	9		CM48P	03	AKCP1A	01	3	TT3	C3			18B		
17525		XA212	38		XA439	74				16B	9		SPA131	02	AKDM40	01	3	TT3	C1			18A		
02937		XA212	39							16B	9		AKCP1A	02	AKCP1A	00	1	TT3	C3			19A		CONTROL CLOCK DIS
02957		XA212	40		XA223	72				16B	9		AKDM5A	01	AKDM40	01	2	TT3	C1			19A		
03186		XA212	41							16B	9		AKY23A	02	AKY22A	01	3	TT3	D2			22B		
02941		XA212	42		XA211	57				16B	9		AKDMBP	02	AKDM40	01	1	TT3	C1			20A		
03182		XA212	43		XA115	24				16B	9		AKY22A	01	AKY22A	00	1	TT3	D2			23B		DVD ADD (ACSE = A
22632		XA212	44										GND		GROUND			TT3				40A		
06022		XA212	45		XA213	34				16B	9		CM63BQ	03	AL321A	01	1	TT3	D3			24B		
03188		XA212	46							16B	9		AKY24A	02	AKY22A	01	2	TT3	D2			21A		
03198		XA212	47		XA131	59				16B	9		AKY4C0	01	AL321A	01	2	TT3	D3			25B		
06616		XA212	48		XA213	37				16B	9		CQA3D0	03	AKY22A	01	1	TT3	D2			22A		
06037		XA212	49		XA210	31				16B	9		CM48P	02	AL321A	01	3	TT3	D3			26B		
03208		XA212	50		XA131	68				16B	9		AKY43A	01	AKY43A	00	1	TT3	D1			23A		CODE 7 CARRY IN (
03248		XA212	51		XA122	40				16B	9		AL321A	01	AL321A	00	1	TT3	D3			27B		CODES 6/7 CARRY I
03212		XA212	52		XA115	19				16B	9		AKY5C0	01	AKY43A	01	3	TT3	D1			24A		
06014		XA212	53		XA213	40				16B	9		CM33BP	01	AKCB1A	01	3	TT3	E2			28B		
06615		XA212	54		XA212	48				16B	9		CQA3D0	02	AKY43A	01	2	TT3	D1			25A		
02908		XA212	55		XA113	37				16B	9		AKCB1A	01	AKCB1A	00	1	TT3	E2			29B		ADDER CARRY OUT T
03499		XA212	56		XA213	35				16B	9		AM15C0	02	AKY43A	01	1	TT3	D1			26A		
02951		XA212	57		XA111	33				16B	9		AKDM2A	01	AKDM90	01	1	TT3	E3			30B		
22633		XA212	58										GND		GROUND			TT3				40B		
02949		XA212	59		XA111	35				16B	9		AKDM1A	01	AKDM90	01	2	TT3	E3			31B		
03224		XA212	60		XA111	49				16B	9		AL30C0	05	AKCB1A	01	2	TT3	E2			28A		
02954		XA212	61							16B	9		AKDM3A	02	AKDM90	01	3	TT3	E3			32B		
06031		XA212	62		XA212	37				16B	9		CM48P	02	AKCB1A	01	1	TT3	E2			29A		
02959		XA212	63		XA211	62				16B	9		AKDM90	01	AKDM90	00	1	TT3	E3			33B		AKDM DATA GATE
02990		XA212	64							16B	9		AKK5CA	03	AKK5CA	00	1	TT3	E1			30A		CONTROL CODE 5 -
02073		XA212	65		XA228	64				16B	9		ADZPCA	02	AKY52A	01	3	TT3	F2			34B		
CONNECTOR		XA212	CONTINUED ON THE NEXT PAGE ****																					

DRAWING NUMBER 149012-880 CONNECTOR UNIT ASSEMBLY NO. 149012 REV E INDEX XA212
 UNIT ASSEMBLY NAME CARD CAGE ASSY, CPU L.H. FILE IDENT T39B2CP1 DATE 09-03-82 PAGE 109

RECORD NUMBER	FROM			TO			WIRE			SPEC INST	SIGNAL	SQ 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												
06020		XA212	66																		
06150		XA212	67		XA210	37			168	9											
06052		XA212	68		XA210	49			168	9											
02978		XA212	69		XA111	45			168	9											
06030		XA212	70		XA212	62			168	9											
01222		XA212	71		XA212	79			168	9											
04876		XA212	72		XA213	50			168	9											
03214		XA212	73		XA115	18			168	9											
03216		XA212	74		XA115	17			168	9											
02083		XA212	75		XA228	60			168	9											
02976		XA212	76		XA111	47			168	9											
04883		XA212	77		XA213	43			168	9											
02981		XA212	78						168	9											
01223		XA212	79						168	9											
02982		XA212	80		XA211	71			168	9											
02923		XA213	01		XA112	72			168	9											
11072		XA213	02																		
05775		XA213	03		XA115	75			168	9											
06040		XA213	04		XA113	73			168	9											
05774		XA213	05		XA213	03			168	9											
02915		XA213	06		XA112	79			168	9											
02936		XA213	07		XA212	39			168	9											
05773		XA213	08		XA213	05			168	9											
02933		XA213	09		XA116	79			168	9											
06039		XA213	10		XA213	04			168	9											
17591		XA213	11						168	9											
00377		XA213	12																		
17709		XA213	13		XA238	73			168	9											
06173		XA213	14		XA213	21			168	9											
06203		XA213	14																		
20637		XA213	15																		
11073		XA213	16																		
16444		XA213	17		XA213	18			168	9											
16445		XA213	18		XA213	24			168	9											
05771		XA213	19		XA213	20			168	9											
05772		XA213	20		XA213	08			168	9											
06174		XA213	21						168	9											
06204		XA213	21																		
06172		XA213	22		XA213	14			168	9											
06202		XA213	22																		
17716		XA213	23		XA224	69			168	9											
16446		XA213	24		XA213	49			168	9											
17710		XA213	25		XA224	74			168	9											
05770		XA213	26		XA213	19			168	9											
20715		XA213	27		XA501	23			168	9											
00378		XA213	28																		
03177		XA213	29		XA115	20			168	9											
03154		XA213	30		XA111	08			168	9											
CONNECTOR		XA213	CONTINUED ON THE NEXT PAGE ****																		

DRAWING NUMBER 149012-880 CONNECTOR UNIT ASSEMBLY NO. 149012 REV E INDEX XA213
 UNIT ASSEMBLY NAME CARD CAGE ASSY, CPU L.H. FILE IDENT T39B2CP1 DATE 09-03-82 PAGE 110

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	TO PIN	PREFIX	CONNECTOR	PIN	TO PIN	MULTI GROUP	CODE	COLOR	IDENT											
03734		XA213	31			XA114	69			16B	9		AM65CA	03	AKY11A	01	2	TQ2	C3		19B		
17675		XA213	32			XA114	69			16B	9		GND		GROUND			TQ2			20B		
22842		XA213	32						D1	1E8	0		CLOCKG	02				TQ2			20B		
03173		XA213	33			XA114	76			16B	9		AKY11A	01	AKY11A	00	1	TQ2	C3		16B	CODE 6 ADD (MPY/D	
06023		XA213	34			XA113	65			16B	9		CMB3BQ	04	AKYN4A	01	2	TQ2	C2		16A		
03500		XA213	35			XA113	80			16B	9		AM15C0	03	AKY12A	01	1	TQ2	C4		17B		
03171		XA213	36			XA114	80			16B	9		AKY1C0	01	AKYN4A	01	1	TQ2	C2		17A		
06617		XA213	37			XA132	70			16B	9		CQA3D0	04	AKY12A	01	2	TQ2	C4		18B		
03148		XA213	38			XA111	13			16B	9		AKYN1A	01	AKYN1A	00	1	TQ2	C1		18A	INITIALIZE ADD (C	
03175		XA213	39			XA114	78			16B	9		AKY12A	01	AKY12A	00	1	TQ2	C4		19B	CODE 7 ADD - DVD	
06015		XA213	40			XA212	35			16B	9		CMB3BP	02	AKYN1A	01	2	TQ2	C1		19A		
01221		XA213	41			XA212	71			16B	9		ACSEBQ	04	AKY24A	01	1	TQ2	D3		22B		
03733		XA213	42			XA213	31			16B	9		AM65CA	02	AKYN1A	01	1	TQ2	C1		20A		
04884		XA213	43			XA139	13			16B	9		AYSEBQ	05	AKY24A	01	2	TQ2	D3		23B		
06664		XA213	44										GND		GROUND			TQ2			21B		
03187		XA213	45			XA212	46			16B	9		AKY24A	01	AKY24A	00	1	TQ2	D3		24B	(ACSE = AYSE)*-A	
03185		XA213	46			XA212	41			16B	9		AKY23A	01	AKY23A	00	1	TQ2	D2		21A	(ACSE = AYSE)*-A	
03164		XA213	47			XA111	23			16B	9		AKY0CA	01	AKY0C0	01	1	TQ2	D4		25B		
01216		XA213	48			XA212	34			16B	9		ACSEBP	06	AKY23A	01	2	TQ2	D2		22A		
16447		XA213	49			XA213	68			16B	9		SPA030	09	AKY0C0	01	2	TQ2	D4		26B		
04877		XA213	50			XA131	74			16B	9		AYSEBP	04	AKY23A	01	1	TQ2	D2		23A		
03166		XA213	51			XA115	38			16B	9		AKY0C0	01	AKY0C0	00	1	TQ2	D4		27B	CODE 6 ADD (CGF/C	
03179		XA213	52			XA115	26			16B	9		AKY21A	01	AKY21A	00	1	TQ2	D1		24A	MPY ADD (AQ31 = 1	
02945		XA213	53			XA111	36			16B	9		AKDMBQ	03	AKDM3A	01	1	TQ2	E3		28B		
04480		XA213	54							16B	9		AQ31BQ	05	AKY21A	01	2	TQ2	D1		25A		
06036		XA213	55			XA212	49			16B	9		CMB4BQ	01	AKDM3A	01	2	TQ2	E3		29B		
06622		XA213	56			XA231	59			16B	9		CQA4C0	02	AKY21A	01	1	TQ2	D1		26A		
02953		XA213	57			XA212	61			16B	9		AKDM3A	01	AKDM3A	00	1	TQ2	E3		30B	RECIRCULATE AKDM	
22634		XA213	58										GND		GROUND			TQ2			27A		
03191		XA213	59			XA111	21			16B	9		AKY31A	01	AKY3C0	01	1	TQ2	E4		31B		
02910		XA213	60			XA113	35			16B	9		AKCB2A	01	AKCB2A	00	1	TQ2	E2		28A	RECIRCULATE AKCB	
03194		XA213	61			XA114	72			16B	9		AKY32A	01	AKY3C0	01	2	TQ2	E4		32B		
02985		XA213	62			XA113	75			16B	9		AKK1CA	02	AKCB2A	01	2	TQ2	E2		29A		
03189		XA213	63			XA113	74			16B	9		AKY3C0	01	AKY3C0	00	1	TQ2	E4		33B	MPY/DVD/XDD/XDT S	
02906		XA213	64			XA116	74			16B	9		AKCBBQ	02	AKCB2A	01	1	TQ2	E2		30A		
02988		XA213	65			XA213	70			16B	9		AKK5CA	01	AKDV3A	01	1	TQ2	F3		34B		
02991		XA213	66			XA111	56			16B	9		AKK5C0	01	AKK5C0	00	1	TQ2	E1		31A	CONTROL CODE 5 -	
22635		XA213	67										GND		GROUND			TQ2			40A		
16448		XA213	68			XA214	10			16B	9		SPA030	10	AKK5C0	01	2	TQ2	E1		32A		
02980		XA213	69			XA212	78			16B	9		AKDV3A	01	AKDV3A	00	1	TQ2	F3		35A	RECIRCULATE AKDV	
02989		XA213	70			XA212	64			16B	9		AKK5CA	02	AKK5C0	01	1	TQ2	E1		33A		
06667		XA213	71			XA132	04			16B	9		CQB3C0	02	AKY42A	01	2	TQ2	F2		36A		
03204		XA213	72			XA131	61			16B	9		AKY42A	01	AKY42A	00	1	TQ2	F2		34A	CODE 7 CARRY IN (
03498		XA213	73			XA212	56			16B	9		AM15C0	01	AKY42A	01	1	TQ2	F2		36B		
02973		XA213	74			XA211	74			16B	9		AKDV8Q	01	AKDV3A	01	2	TQ2	F3		35B		
03200		XA213	75			XA131	70			16B	9		AKY41A	01	AKY41A	00	1	TQ2	F1		37B	CODE 6 CARRY IN (
02966		XA213	76			XA113	72			16B	9		AKDT1A	01	AKDT90	01	1	TQ2	F4		37A		
03732		XA213	77			XA213	42			16B	9		AM65CA	01	AKY41A	01	2	TQ2	F1		38B		
02984		XA213	78			XA213	62			16B	9		AKK1CA	01	AKDT90	01	2	TQ2	F4		38A		
06636		XA213	79			XA114	73			16B	9		CQA6C0	02	AKY41A	01	1	TQ2	F1		39B		
CONNECTOR		XA213	CONTINUED ON THE NEXT PAGE ****																				

DRAWING NUMBER 149012-880 CONNECTOR UNIT ASSEMBLY NO. 149012 REV E INDEX XA213
 UNIT ASSEMBLY NAME CARD CAGE ASSY, CPU L.H. FILE IDENT T39B2CP1 DATE 09-03-82 PAGE 111

RECORD NUMBER	FROM			TO			WIRE					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	DIAG	MULTI GROUP	CODE	COLOR	IDENT											
02968		XA213	80		XA211	77			16B	9		AKDT90	01	AKDT90	00	1	TQ2	F4		39A	AKDT DATA GATE -	
02594		XA214	01						16B	9		AD18B6	05	AD18B6	00	1	ADD	A6		02B	ADDER SM30 GEN. -	
11076		XA214	02									GND	01	GROUND			ADD			01A		
01695		XA214	03						16B	9		AC18BQ	05	AD18B5	01	1	ADD	A5		02A		
02579		XA214	04		XA229	37			16B	9		AD18B4	01	AD18B4	00	1	ADD	A4		04A	ADDER SM30 SUM -	
02588		XA214	05		XA215	70			16B	9		AD18B5	05	AD18B5	00	1	ADD	A5		03B	ADDER SM30 PROP.	
08954		XA214	06									DNW	01	AD18B4	01	3	ADD	A4				
00876		XA214	07		XA317	14			16B	9		AB18DB	01	AD18B5	01	2	ADD	A5		03A	ADDER AB INPUT -	
08955		XA214	08									DNW	01	AD18B4	01	2	ADD	A4				
02612		XA214	09						16B	9		AD19B3	04	AD18B5	01	3	ADD	A5		04B		
16445		XA214	10						16B	9		SPA030	11	AD18B4	01	1	ADD	A4		07A		
16453		XA214	11		XA214	23			16B	9		SPA031	04	AD18B6	01	1	ADD	A6		05B		
00379		XA214	12									+5V	01				ADD					
01998		XA214	13		XA130	46			16B	9		ADGR2A	05	AD18B6	01	2	ADD	A6		06B		
02876		XA214	14		XA215	09			16B	9		AD30B6	03	AD30B6	00	1	ADD	B6		09A	ADDER SM30 GEN. -	
16462		XA214	15		XA214	27			16B	9		SPA032	02	AD18B6	01	3	ADD	A6		07B		
11077		XA214	16									GND	01	GROUND			ADD			21B		
01941		XA214	17						16B	9		AC30BQ	05	AD30B5	01	1	ADD	B5		08B		
02872		XA214	18		XA215	13			16B	9		AD30B5	03	AD30B5	00	1	ADD	B5		10A	ADDER SM30 PROP.	
00954		XA214	19		XA319	30			16B	9		AB30DB	01	AD30B5	01	2	ADD	B5		09B	ADDER AB INPUT -	
02865		XA214	20		XA228	49			16B	9		AD30B4	01	AD30B4	00	1	ADD	B4		11A	ADDER SM30 SUM -	
02889		XA214	21		XA215	11			16B	9		AD31B3	03	AD30B5	01	3	ADD	B5		10B		
08956		XA214	22									DNW	01	AD30B4	01	3	ADD	B4				
16454		XA214	23		XA214	42			16B	9		SPA031	05	AD30B6	01	1	ADD	B6		11B		
08957		XA214	24									DNW	01	AD30B4	01	2	ADD	B4				
01991		XA214	25		XA215	10			16B	9		ADGR1A	04	AD30B6	01	2	ADD	B6		12B		
16455		XA214	26		XA214	35			16B	9		SPA033	01G	AD30B4	01	1	ADD	B4		14A		
16463		XA214	27		XA214	39			16B	9		SPA032	03	AD30B6	01	3	ADD	B6		13B		
00380		XA214	28									+5V	01				ADD					
01856		XA214	29						16B	9		AC26B0	05	AD26B5	01	1	ADD	C5		14B		
02801		XA214	30						16B	9		AD26B6	05	AD26B6	00	1	ADD	C6		15A	ADDER SM30 GEN. -	
00928		XA214	31		XA319	46			16B	9		AB26DB	01	AD26B5	01	2	ADD	C5		15B	ADDER AB INPUT -	
11078		XA214	32									GND	01	GROUND			ADD			27A		
02819		XA214	33						16B	9		AD27B3	04	AD26B5	01	3	ADD	C5		16B		
02796		XA214	34						16B	9		AD26B5	06	AD26B5	00	1	ADD	C5		16A	ADDER SM30 PROP.	
16456		XA214	35		XA215	73			16B	9		SPA033	01M	AD26B6	01	1	ADD	C6		17B		
02786		XA214	36		XA229	49			16B	9		AD26B4	01	AD26B4	00	1	ADD	C4		17A	ADDER SM30 SUM -	
01990		XA214	37		XA214	25			16B	9		ADGR1A	03	AD26B6	01	2	ADD	C6		18B		
08958		XA214	38									DNW	01	AD26B4	01	3	ADD	C4				
16464		XA214	39		XA214	63			16B	9		SPA032	04	AD26B6	01	3	ADD	C6		19B		
08959		XA214	40									DNW	01	AD26B4	01	2	ADD	C4				
01734		XA214	41		XA217	17			16B	9		AC20BQ	05	AD20L2	01	1	ADD	D2		22B		
16457		XA214	42		XA215	23			16B	9		SPA031	08	AD26B4	01	1	ADD	C4		20A		
00890		XA214	43		XA317	15			16B	9		AB20DB	02	AD20L2	01	2	ADD	D2		23B	ADDER AB INPUT -	
02687		XA214	44									GND		GROUND			ADD			40B		
02675		XA214	45		XA217	21			16B	9		AD21B6	02	AD20L2	01	3	ADD	D2		24B		
02650		XA214	46						16B	9		AD20L3	06	AD20L3	00	1	ADD	D3		21A	ADDER SM20 GEN.	
02700		XA214	47		XA217	23			16B	9		AD22B6	02	AD20L3	01	1	ADD	D3		25B		
CONNECTOR (XA214) CONTINUED ON THE NEXT PAGE ****																						

DRAWING NUMBER 149012-880 CONNECTOR UNIT ASSEMBLY NO. 149012 REV E INDEX XA214
 UNIT ASSEMBLY NAME CARD CAGE ASSY, CPU L.H. FILE IDENT T39B2CP1 DATE 09-03-82 PAGE 112

RECORD NUMBER	FROM				TO				WIRE				SFC INST. NO.	SIGNAL	SEQ NO	EQUATION	TERM	FACTOR	CKT OR CHIP TYPE	GROUP	LOAD CP POWER PLANE	TEST POINTS AND/OR	SIGNAL DESCRIPTION	ECO NO
	PREFIX	CONNECTOR	PIN	INFO	PREFIX	CONNECTOR	PIN	INFO	MULTI GROUP	CODE	COLOR	IDENT												
02644		XA214	48							16B	9		AD20L2	02	AD20L2	00	1	ADD	D2		22A	ADDER SM20 PROP.		
02673		XA214	49							16B	9		AD21B5	05	AD20L3	01	2	ADD	D3		26B			
02642		XA214	50							16B	9		AD20L1	02	AD20L1	00	1	ADD	D1		23A	ADDER SM20 DUMMY-2		
02732		XA214	51							16B	9		AD23G0	03	AD20L3	01	3	ADD	D3		27B			
08960		XA214	52										DNW	01	AD20L1	01	3	ADD	D1					
01789		XA214	53							16B	9		AC23BQ	06	AD23B2	01	1	ADD	E2		28B			
08961		XA214	54										DNW	01	AD20L1	01	2	ADD	D1					
00910		XA214	55		XA317	06				16B	9		AB23DB	03	AD23B2	01	2	ADD	E2		29B	ADDER AB INPUT -		
02693		XA214	56		XA227	52				16B	9		AD22B5	01	AD20L1	01	1	ADD	D1		26A			
02752		XA214	57		XA215	47				16B	9		AD24L3	05	AD23B2	01	3	ADD	E2		30B			
11080		XA214	58										GND	01	GROUND			ADD						
02844		XA214	59		XA215	74				16B	9		AD28B3	07	AD23B3	01	1	ADD	E3		31B			
02721		XA214	60							16B	9		AD23B3	04	AD23B3	00	1	ADD	E3		28A	ADDER SM20 CARRY		
02763		XA214	61							16B	9		AD24P0	07	AD23B3	01	2	ADD	E3		32B			
02717		XA214	62							16B	9		AD23R2	03	AD23B2	00	1	ADD	E2		29A	ADDER SM20 PROP.		
16465		XA214	63		XA215	15				16B	9		SPA032	05	AD23B3	01	3	ADD	E3		33B			
02710		XA214	64		XA229	56				16B	9		AD23B1	01	AD23B1	00	1	ADD	E1		30A	ADDER SM20 SUM -		
04442		XA214	65		XA116	33				16B	9		AQ29BP	01	AD19E8	01	2	ADD						
02725		XA214	66										AD23E7	02	AD23B1	01	3	ADD	E1					
11081		XA214	67										GND	01	GROUND			ADD						
02727		XA214	68							16B	9		AD23E8	02	AD23B1	01	2	ADD	E1					
02615		XA214	69		XA215	52				16B	9		AD19E7	01	AD19E7	00	1	ADD					UNUSED OUTPUT DUM	
01994		XA214	70		XA216	26				16B	9		ADGR2A	01	AD23B1	01	1	ADD	E1		33A			
04410		XA214	71		XA116	21				16B	9		AQ27BP	01	AD19E7	01	5	ADD						
04426		XA214	72		XA116	35				16B	9		AQ28BP	01	AD19E8	01	1	ADD						
04394		XA214	73		XA116	23				16B	9		AQ26BP	01	AD19E7	01	4	ADD						
04456		XA214	74		XA116	47				16B	9		AQ30BP	01	AD19E8	01	3	ADD						
04378		XA214	75		XA116	09				16B	9		AQ25BP	01	AD19E7	01	3	ADD						
02618		XA214	76										SPO	01	AD19E8	00	1	ADD					UNUSED OUTPUT DUM	
04362		XA214	77		XA116	11				16B	9		AQ24BP	01	AD19E7	01	2	ADD						
02970		XA214	78		XA211	69				16B	9		AKDVBQ	01	AD19E8	01	4	ADD						
03036		XA214	79		XA112	43				16B	9		AKYCEQ	01	AD19E7	01	1	ADD						
03123		XA214	80		XA112	49				16B	9		AKYNEQ	01	AD19E8	01	5	ADD						
02862		XA215	01							16B	9		AD29B6	03	AD29B6	00	1	TAD	A6		02B	ADDER SM30 GEN. -		
11082		XA215	02										GND	01	GROUND			TAD			01A			
01922		XA215	03							16B	9		AC29BQ	05	AD29B5	01	1	TAD	A5		02A			
02852		XA215	04		XA228	43				16B	9		AD29B4	01	AD29B4	00	1	TAD	A4		04A	ADDER SM30 SUM -		
02859		XA215	05							16B	9		AD29B5	03	AD29B5	00	1	TAD	A5		03B	ADDER SM30 PROP.		
08962		XA215	06										DNW	01	AD29B4	01	3	TAD	A4		05A			
00946		XA215	07		XA319	33				16B	9		AB29DB	01	AD29B5	01	2	TAD	A5		03A	ADDER AB INPUT -		
08963		XA215	08										DNW	01	AD29B4	01	2	TAD	A4		06A			
02877		XA215	09							16B	9		AD30B5	04	AD29B5	01	3	TAD	A5		04B			
01992		XA215	10		XA130	52				16B	9		ADGR1A	05	AD29B4	01	1	TAD	A4		07A			
02890		XA215	11							16B	9		AD31B3	04	AD29B6	01	1	TAD	A6		05B			
00381		XA215	12										+5V	01				TAD						
02873		XA215	13							16B	9		AD30B5	04	AD29B6	01	2	TAD	A6		06B			
02703		XA215	14							16B	9		AD22B6	05	AD22B6	00	1	TAD	B6		09A	ADDER SM30 GEN. -		
16466		XA215	15		XA215	27				16B	9		SPA032	06	AD29B6	01	3	TAD	A6		07B			
CONNECTOR		XA215	CONTINUED ON THE NEXT PAGE ****																					

DRAWING NUMBER 149012-880 CONNECTOR UNIT ASSEMBLY NO. 149012 REV E INDEX XA215
 UNIT ASSEMBLY NAME CARD CAGE ASSY, CPU L.H. FILE IDENT T39B2CP1 DATE 09-03-82 PAGE 113

RECORD NUMBER	FROM				TO				WIRE				SIGNAL	SPQ NO	EQUATION	TERM	FACTOR	CKT OR CHIP TYPE	GROUP	LOAD OR POWER PLANE	TEST POINTS AND OR	SIGNAL DESCRIPTION	ECO NO
	PREFIX	CONNECTOR	PIN	SMFC	PREFIX	CONNECTOR	PIN	SMFC	MULTI GROUP	CODE	COLOR	IDENT											
I1083		XA215	16										GND	01	GROUND			TAD			21B		
01771		XA215	17						16B	9			AC22BQ	05	AD22B5	01	1	TAD	B5		08B		
02698		XA215	18						16B	9			AD22B5	06	AD22B5	00	1	TAD	B5		10A	ADDER SM30 PROP.	
C0902		XA215	19		XA317	01			16B	9			AB22DB	01	AD22B5	01	2	TAD	B5		09B	ADDER AB INPUT -	
02688		XA215	20		XA228	37			16B	9			AD22B4	01	AD22B4	00	1	TAD	B4		11A	ADDER SM30 SUM -	
02718		XA215	21		XA216	23			16B	9			AD23B3	01	AD22B5	01	3	TAD	B5		10B		
08964		XA215	22										DNW	01	AD22B4	01	3	TAD	B4		12A		
16458		XA215	23		XA215	26			16B	9			SPA031	09	AD22B6	01	1	TAD	B6		11B		
08965		XA215	24										DNW	01	AD22B4	01	2	TAD	B4		13A		
01996		XA215	25		XA216	10			16B	9			ADGR2A	03	AD22B6	01	2	TAD	B6		12B		
16459		XA215	26		XA215	71			16B	9			SPA031	11	AD22B4	01	1	TAD	B4		14A		
16467		XA215	27		XA215	39			16B	9			SPA032	07	AD22B6	01	3	TAD	B6		13B		
00382		XA215	28										+5V	01				TAD					
01837		XA215	29						16B	9			AC25BQ	05	AD25B5	01	1	TAD	C5		14B		
02779		XA215	30						16B	9			AD25B6	04	AD25B6	00	1	TAD	C6		15A	ADDER SM30 GEN. -	
00922		XA215	31		XA319	45			16B	9			AB25DB	01	AD25B5	01	2	TAD	C5		15B	ADDER AB INPUT -	
I1084		XA215	32										GND	01	GROUND			TAD			27A		
02800		XA215	33		XA214	30			16B	9			AD26B6	04	AD25B5	01	3	TAD	C5		16B		
02775		XA215	34						16B	9			AD25B5	05	AD25B5	00	1	TAD	C5		16A	ADDER SM30 PROP.	
02818		XA215	35		XA214	33			16B	9			AD27B3	03	AD25B6	01	1	TAD	C6		17B		
02766		XA215	36		XA229	43			16B	9			AD25B4	01	AD25B4	00	1	TAD	C4		17A	ADDER SM30 SUM -	
02795		XA215	37		XA214	34			16B	9			AD26B5	05	AD25B6	01	2	TAD	C6		18B		
08966		XA215	38										DNW	01	AD25B4	01	3	TAD	C4		18A		
16468		XA215	39						16B	9			SPA032	08	AD25B6	01	3	TAD	C6		19B		
08967		XA215	40										DNW	01	AD25B4	01	2	TAD	C4		19A		
01715		XA215	41						16B	9			AC19BQ	06	AD19B2	01	1	TAD	D2		22B		
01989		XA215	42		XA214	37			16B	9			ADGR1A	02	AD25B4	01	1	TAD	C4		20A		
00884		XA215	43		XA317	22			16B	9			AB19DB	03	AD19B2	01	2	TAD	D2		23B	ADDER AB INPUT -	
I1085		XA215	44										GND	01	GROUND			TAD			40B		
02649		XA215	45		XA214	46			16B	9			AD20L3	05	AD19B2	01	3	TAD	D2		24B		
02609		XA215	46		XA217	15			16B	9			AD19B3	01	AD19B3	00	1	TAD	D3		21A	ADDER SM20 CARRY	
02753		XA215	47		XA216	46			16B	9			AD24L3	06	AD19B3	01	1	TAD	D3		25B		
02608		XA215	48						16B	9			AD19B2	03	AD19B2	00	1	TAD	D2		22A	ADDER SM20 PROP.	
02655		XA215	49						16B	9			AD20P0	07	AD19B3	01	2	TAD	D3		26B		
02601		XA215	50		XA228	42			16B	9			AD19B1	01	AD19B1	00	1	TAD	D1		23A	ADDER SM20 SUM -	
02843		XA215	51		XA214	59			16B	9			AD28B3	06	AD19B3	01	3	TAD	D3		27B		
02616		XA215	52						16B	9			AD19E7	02	AD19B1	01	3	TAD	D1		24A		
01645		XA215	53		XA217	03			16B	9			AC16BQ	05	AD16L2	01	1	TAD	E2		28B		
02617		XA215	54										DNW	01	AD19B1	01	2	TAD	D1		25A		
00864		XA215	55		XA317	27			16B	9			AB16DB	02	AD16L2	01	2	TAD	E2		29B	ADDER AB INPUT -	
02757		XA215	56		XA223	27			16B	9			AD24P0	01	AD19B1	01	1	TAD	D1		26A		
02566		XA215	57		XA217	09			16B	9			AD17B6	02	AD16L2	01	3	TAD	E2		30B		
I1086		XA215	58										GND	01	GROUND			TAD					
02591		XA215	59		XA217	11			16B	9			AD18B6	02	AD16L3	01	1	TAD	E3		31B		
02541		XA215	60						16B	9			AD16L3	05	AD16L3	00	1	TAD	E3		28A	ADDER SM20 GEN. -	
02564		XA215	61						16B	9			AD17B5	05	AD16L3	01	2	TAD	E3		32B		
02536		XA215	62						16B	9			AD16L2	02	AD16L2	00	1	TAD	E2		29A	ADDER SM20 PROP.	
02624		XA215	63		XA224	21			16B	9			AD19G0	02	AD16L3	01	3	TAD	E3		33B		
02534		XA215	64						16B	9			AD16L1	03	AD16L1	00	1	TAD	E1		30A	ADDER SM20 DUMMY-1	
02549		XA215	65						16B	9			AD16P0	05	AD11E8	01	2	TAD	F8		34B		
	CONNECTOR	XA215	CONTINUED ON THE NEXT PAGE ****																				

DRAWING NUMBER 149012-880 CONNECTOR UNIT ASSEMBLY NO. 149012 REV E INDEX XA215
 UNIT ASSEMBLY NAME CARD CAGE ASSY, CPU L.H FILE IDENT T39B2CP1 DATE 09-03-82 PAGE 114

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	SH PC	PREFIX	CONNECTOR	PIN	SH PC	MULTI GROUP	CODE	COLOR	IDENT										
08968		XA215	66										DNW	01	AD16L1	01	3	TAD	E1		31A	
01637		XA215	67										GND	01	GROUND			TAD				
08969		XA215	68										DNW	01	AD16L1	01	2	TAD	E1		32A	
02403		XA215	69							16B	9		AD11E7	02	AD11E7	00	1	TAD	F7		35A	ADDER SM40 CARRY
02589		XA215	70							16B	9		AD18B5	06	AD16L1	01	1	TAD	E1		33A	
16460		XA215	71							16B	9		SPA031	12	AD11E7	01	5	TAD	F7		36A	
02762		XA215	72		XA214	61				16B	9		AD24P0	06	AD11E8	01	1	TAD	F8		34A	
16470		XA215	73		XA216	15				16B	9		SPA033	02	AD11E7	01	4	TAD	F7		36B	
02845		XA215	74							16B	9		AD28B3	08	AD11E8	01	3	TAD	F8		35B	
02001		XA215	75		XA217	37				16B	9		ADGR3A	02	AD11E7	01	3	TAD	F7		37B	
02405		XA215	76							16B	9		AD11E8	02	AD11E8	00	1	TAD	F8		37A	ADDER SM40 CARRY
16476		XA215	77		XA217	35				16B	9		SPA034	02	AD11E7	01	2	TAD	F7		38B	
02751		XA215	78		XA214	57				16B	9		AD24L3	04	AD11E8	01	4	TAD	F8		38A	
02440		XA215	79		XA217	56				16B	9		AD12P0	05	AD11E7	01	1	TAD	F7		39B	
02658		XA215	80		XA215	49				16B	9		AD20P0	06	AD11E8	01	5	TAD	F8		39A	
02568		XA216	01							16B	9		AD17B6	04	AD17B6	00	1	ADD	A6		02B	ADDER SM30 GEN. -
11087		XA216	02										GND	01	GROUND			ADD			01A	
01665		XA216	03							16B	9		AC17B0	05	AD17B5	01	1	ADD	A5		02A	
02555		XA216	04		XA229	31				16B	9		AD17B4	01	AD17B4	00	1	ADD	A4		04A	ADDER SM30 SUM -
02563		XA216	05		XA215	61				16B	9		AD17B5	00	AD17B5	00	1	ADD	A5		03B	ADDER SM30 PROP. -
08970		XA216	06										DNW	01	AD17B4	01	3	ADD	A4			
00870		XA216	07		XA317	21				16B	9		AB17DB	01	AD17B5	01	2	ADD	A5		03A	ADDER AB INPUT -
08971		XA216	08										DNW	01	AD17B4	01	2	ADD	A4			
02593		XA216	09		XA214	01				16B	9		AD18B6	04	AD17B5	01	3	ADD	A5		04B	
01997		XA216	10		XA214	13				16B	9		ADGR2A	04	AD17B4	01	1	ADD	A4		07A	
02611		XA216	11		XA214	09				16B	9		AD19B3	03	AD17B6	01	1	ADD	A6		05B	
00383		XA216	12										+5V	01				ADD				
02587		XA216	13		XA214	05				16B	9		AD18B5	04	AD17B6	01	2	ADD	A6		06B	
02677		XA216	14							16B	9		AD21B6	04	AD21B6	00	1	ADD	B6		09A	ADDER SM30 GEN. -
16471		XA216	15		XA216	27				16B	9		SPA033	03	AD17B6	01	3	ADD	A6		07B	
11088		XA216	16										GND	01	GROUND			ADD			21B	
01754		XA216	17							16B	9		AC21B0	05	AD21B5	01	1	ADD	B5		08B	
02671		XA216	18		XA217	25				16B	9		AD21B5	03	AD21B5	00	1	ADD	B5		10A	ADDER SM30 PROP. -
00896		XA216	19		XA317	09				16B	9		AB21DB	01	AD21B5	01	2	ADD	B5		09B	ADDER AB INPUT -
02664		XA216	20		XA228	31				16B	9		AD21B4	01	AD21B4	00	1	ADD	B4		11A	ADDER SM30 SUM -
02702		XA216	21		XA215	14				16B	9		AD22B6	04	AD21B5	01	3	ADD	B5		10B	
08972		XA216	22										DNW	01	AD21B4	01	3	ADD	B4			
02719		XA216	23		XA217	27				16B	9		AD23B3	02	AD21B6	01	1	ADD	B6		11B	
08973		XA216	24										DNW	01	AD21B4	01	2	ADD	B4			
02697		XA216	25		XA215	18				16B	9		AD22B5	05	AD21B6	01	2	ADD	B6		12B	
01995		XA216	26		XA215	25				16B	9		ADGR2A	02	AD21B4	01	1	ADD	B4		14A	
16472		XA216	27		XA217	39				16B	9		SPA033	04	AD21B6	01	3	ADD	B6		13B	
00384		XA216	28										+5V	01				ADD				
01818		XA216	29							16B	9		AC24B0	06	AD24B5	01	1	ADD	C5		14B	
02741		XA216	30							16B	9		AD24B6	02	AD24B6	00	1	ADD	C6		15A	ADDER SM30 GEN. -
00915		XA216	31		XA216	43				16B	9		AB24DB	01	AD24B5	01	2	ADD	C5		15B	ADDER AB INPUT -
11089		XA216	32										GND	01	GROUND			ADD			27A	
02778		XA216	33		XA215	30				16B	9		AD25B6	03	AD24B5	01	3	ADD	C5		16B	
CONNECTOR		XA216	CONTINUED ON THE NEXT PAGE ****																			

DRAWING NUMBER 149012-880 CONNECTOR UNIT ASSEMBLY NAME CARD CAGE ASSY,CPU L.H. UNIT ASSEMBLY NO. 149012 REV E INDEX XA216 FILE IDENT T39B2CP1 DATE 09-03-82 PAGE 115

RECORD NUMBER	FROM			IS	TO			MULTI GROUP	WIRE		IDENT	SPEC. INST. WIRE	SIGNAL	SEQ NO	EQUATION	TERM	FACTOR	CKT OR CHIP TYPE	GROUP	LOAD OR POWER PLANE	TEST POINTS AND/OR	SIGNAL DESCRIPTION	EQ NO	
	PREFIX	CONNECTOR	PIN		PREFIX	CONNECTOR	PIN		CODE	COLOR														
02739		XA216	34						16B	9			AD24B5	02	AD24B5	00	1	ADD	C5		16A			
02799		XA216	35			XA215	33		16B	9			AD26B6	03	AD24B6	01	1	ADD	C6		17B		ADDER SM30 PROP.	
02733		XA216	36			XA229	50		16B	9			AD24B4	01	AD24B4	00	1	ADD	C4		17A		ADDER SM30 SUM -	
02774		XA216	37			XA215	34		16B	9			AD25B5	04	AD24B6	01	2	ADD	C6		18B			
08974		XA216	38										DNW	01	AD24B4	01	3	ADD	C4					
02817		XA216	39			XA215	35		16B	9			AD27B3	02	AD24B6	01	3	ADD	C6		19B			
08975		XA216	40										DNW	01	AD24B4	01	2	ADD	C4					
01817		XA216	41			XA216	29		16B	9			AC24BQ	05	AD24L2	01	1	ADD	D2		22B			
02794		XA216	42			XA215	37		16B	9			AD26B5	04	AD24B4	01	1	ADD	C4		20A			
00916		XA216	43			XA319	51		16B	9			AB24DB	02	AD24L2	01	2	ADD	D2		23B		ADDER AB INPUT -	
11090		XA216	44										GND	01	GROUND	01	2	ADD			40B			
02777		XA216	45			XA216	33		16B	9			AD25B6	02	AD24L2	01	3	ADD	D2		24B			
02754		XA216	46						16B	9			AD24L3	07	AD24L3	00	1	ADD	D3		21A		ADDER SM20 GEN.	
02798		XA216	47			XA216	35		16B	9			AD26B6	02	AD24L3	01	1	ADD	D3		25B			
02747		XA216	48						16B	9			AD24L2	02	AD24L2	00	1	ADD	D2		22A		ADDER SM 20 PROP.	
02773		XA216	49			XA216	37		16B	9			AD25B5	03	AD24L3	01	2	ADD	D3		26B			
02745		XA216	50						16B	9			AD24L1	02	AD24L1	00	1	ADD	D1		23A		ADDER SM20 DUMMY-2	
02830		XA216	51						16B	9			AD27G0	03	AD24L3	01	3	ADD	D3		27B			
08976		XA216	52										DNW	01	AD24L1	01	3	ADD	D1					
01957		XA216	53			XA223	77		16B	9			AC31BQ	01	AD31B2	01	1	ADD	E2		28B			
08977		XA216	54										DNW	01	AD24L1	01	2	ADD	D1					
00960		XA216	55			XA223	79		16B	9			AB31DB	01	AD31B2	01	2	ADD	E2		29B		ADDER AB INPUT -	
02791		XA216	56			XA227	48		16B	9			AD26B5	01	AD24L1	01	1	ADD	D1		26A			
03244		XA216	57			XA231	61		16B	9			AL32BQ	05	AD31B2	01	3	ADD	E2		30B			
11091		XA216	58										GND	01	GROUND	01	1	ADD						
03139		XA216	59			XA112	78		16B	9			AKYNGQ	01	AD31B3	01	1	ADD	E3		31B			
02888		XA216	60			XA214	21		16B	9			AD31B3	02	AD31B3	00	1	ADD	E3		28A		ADDER SM20 CARRY	
03052		XA216	61			XA112	74		16B	9			AKYCGQ	01	AD31B3	01	2	ADD	E3		32B			
02886		XA216	62						16B	9			AD31B2	02	AD31B2	00	1	ADD	E2		29A		ADDER SM20 PROP.	
03146		XA216	63			XA116	61		16B	9			AKYNHQ	01	AD31B3	01	3	ADD	E3		33B			
02880		XA216	64			XA228	70		16B	9			AD31B1	01	AD31B1	00	1	ADD	E1		30A		ADDER SM20 SUM -	
04314		XA216	65			XA117	57		16B	9			AQ21BP	01	AD23E8	01	2	ADD						
02894		XA216	66						16B	9			AD31E7	02	AD31B1	01	3	ADD	E1					
11092		XA216	67										GND	01	GROUND	01	3	ADD						
02896		XA216	68						16B	9			AD31E8	02	AD31B1	01	2	ADD	E1					
02724		XA216	69			XA214	66		16B	9			AD23E7	01	AD23E7	00	1	ADD						UNUSED OUTPUT DUM
03061		XA216	70			XA116	55		16B	9			AKYCHQ	01	AD31B1	01	1	ADD						
04261		XA216	71			XA117	47		16B	9			AQ18BP	01	AD23E7	01	5	ADD	E1		33A			
04298		XA216	72			XA117	59		16B	9			AQ20BP	01	AD23E8	01	1	ADD						
02961		XA216	73			XA211	76		16B	9			AKDTBP	01	AD23E7	01	4	ADD						
04330		XA216	74			XA117	76		16B	9			AQ22BP	01	AD23E8	01	3	ADD						
03131		XA216	75			XA112	61		16B	9			AKYNFQ	01	AD23E7	01	3	ADD						
02726		XA216	76			XA214	68		16B	9			AD23E8	01	AD23E8	00	1	ADD						UNUSED OUTPUT DUM
03044		XA216	77			XA112	55		16B	9			AKYCFQ	01	AD23E7	01	2	ADD						
04346		XA216	78			XA117	69		16B	9			AQ23BP	01	AD23E8	01	4	ADD						
03026		XA216	79			XA112	31		16B	9			AKYCDQ	01	AD23E7	01	1	ADD						
03113		XA216	80			XA112	37		16B	9			AKYNDQ	01	AD23E8	01	5	ADD						

DRAWING NUMBER 149012-880 CONNECTOR UNIT ASSEMBLY NO. 149012 REV E INDEX XA217
 UNIT ASSEMBLY NAME CARD CAGE ASSY,CPU L.H. FILE IDENT T39B2CP1 DATE 09-03-82 PAGE 116

RECORD NUMBER	FROM			TO			WIRE			SFC IDENT	SFC IDENT	SIGNAL	SFC 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													
02529		XA217	01					16B	9			AD1686	02	AD1686	00	1	TAD	A6	02B	ADDER SM30 GEN.		
02520		XA217	02									GND		GROUND			TAD		01A			
01646		XA217	03					16B	9			AC1684	06	AD1685	01	1	TAD	A5	02A			
02524		XA217	04		XA146	26		16B	9			AD1684	04	AD1684	00	1	TAD	A4	04A	ADDER SM30 SUM -		
02527		XA217	05					16B	9			AD1685	02	AD1685	00	1	TAD	A5	03B	ADDER SM30 PROP.		
08978		XA217	06									DNW	01	AD1684	01	3	TAD	A4	05A			
00863		XA217	07		XA215	55		16B	9			AB160B	01	AD1685	01	2	TAD	A5	03A	ADDER AB INPUT -		
08979		XA217	08									DNW	01	AD1684	01	2	TAD	A4	06A			
02567		XA217	09		XA216	01		16B	9			AD1786	03	AD1685	01	3	TAD	A5	04B			
02586		XA217	10		XA216	13		16B	9			AD1895	03	AD1684	01	1	TAD	A4	07A			
02592		XA217	11		XA216	09		16B	9			AD1886	03	AD1686	01	1	TAD	A6	05R			
00365		XA217	12									+5V	01				TAD					
02562		XA217	13		XA216	05		16B	9			AD1785	03	AD1686	01	2	TAD	A6	06B			
02638		XA217	14					16B	9			AD20B6	02	AD20B6	00	1	TAD	B6	09A	ADDER SM30 GEN.		
02610		XA217	15		XA216	11		16B	9			AD19B3	02	AD1686	01	3	TAD	A6	07B			
11094		XA217	16									GND	01	GROUND			TAD		21B			
01735		XA217	17					16B	9			AC20BQ	05	AD20B5	01	1	TAD	B5	08B			
02636		XA217	18					16B	9			AD20B5	02	AD20B5	00	1	TAD	B5	10A	ADDER SM30 PROP.		
00889		XA217	19		XA214	43		16B	9			AB200B	01	AD20B5	01	2	TAD	B5	09B	ADDER AB INPUT -		
02630		XA217	20		XA228	36		16B	9			AD20B4	01	AD20B4	00	1	TAD	B4	11A	ADDER SM30 SUM -		
02676		XA217	21		XA216	14		16B	9			AD21B6	03	AD20B5	01	3	TAD	B5	10B			
08980		XA217	22									DNW	01	AD20B4	01	3	TAD	B4	12A			
02701		XA217	23		XA216	21		16B	9			AD22B6	03	AD20B6	01	1	TAD	B6	11B			
08981		XA217	24									DNW	01	AD20B4	01	2	TAD	B4	13A			
02672		XA217	25		XA214	49		16B	9			AD21B5	04	AD20B6	01	2	TAD	B6	12B			
02696		XA217	26		XA216	25		16B	9			AD22B5	04	AD20B4	01	1	TAD	B4	14A			
02720		XA217	27		XA214	60		16B	9			AD23B3	03	AD20B6	01	3	TAD	B6	13B			
00386		XA217	28									+5V	01				TAD					
01590		XA217	29					16B	9			AC14BQ	05	AD14B5	01	1	TAD	C5	14B			
02483		XA217	30					16B	9			AD14B6	05	AD14B6	00	1	TAD	C6	15A	ADDER SM30 GEN.		
00851		XA217	31		XA317	30		16B	9			AB140B	02	AD14B5	01	2	TAD	C5	15B	ADDER AB INPUT -		
11095		XA217	32									GND	01	GROUND			TAD		27A			
02503		XA217	33					16B	9			AD15B3	04	AD14B5	01	3	TAD	C5	16B			
02478		XA217	34					16B	9			AD14B5	06	AD14B5	00	1	TAD	C5	16A	ADDER SM30 PROP.		
16477		XA217	35		XA217	42		16B	9			SPA034	03	AD14B6	01	1	TAD	C6	17B			
02468		XA217	36		XA228	25		16B	9			AD14B4	01	AD14B4	00	1	TAD	C4	17A	ADDER SM30 SUM -		
02002		XA217	37		XA218	42		16B	9			ADGR3A	03	AD14B6	01	2	TAD	C6	18B			
08982		XA217	38									DNW	01	AD14B4	01	3	TAD	C4	18A			
16473		XA217	39		XA218	15		16B	9			SPA033	05	AD14B6	01	3	TAD	C6	19B			
08983		XA217	40									DNW	01	AD14B4	01	2	TAD	C4	19A			
01431		XA217	41		XA324	70		16B	9			AC07BQ	05	AD07B2	01	1	TAD	D2	22B			
16478		XA217	42		XA218	10		16B	9			SPA034	031	AD14B4	01	1	TAD	C4	20A			
00806		XA217	43		XA315	06		16B	9			AB070B	03	AD07B2	01	2	TAD	D2	23B	ADDER AB INPUT -		
11096		XA217	44									GND	01	GROUND			TAD		40B			
02326		XA217	45					16B	9			AD08L3	03	AD07B2	01	3	TAD	D2	24B			
02291		XA217	46					16B	9			AD07B3	04	AD07B3	00	1	TAD	D3	21A	ADDER SM20 CARRY		
02431		XA217	47		XA218	51		16B	9			AD12L3	02	AD07B3	01	1	TAD	D3	25B			
02286		XA217	48		XA227	26		16B	9			AD07B2	02	AD07B2	00	1	TAD	D2	22A	ADDER SM20 PROP.		
02333		XA217	49					16B	9			AD08P0	05	AD07B3	01	2	TAD	D3	26B			
02282		XA217	50		XA229	24		16B	9			AD07B1	03	AD07B1	00	1	TAD	D1	23A	ADDER SM20 SUM -		
CONNECTOR		XA217	CONTINUED ON THE NEXT PAGE ****																			

DRAWING NUMBER 149012-880 CONNECTOR UNIT ASSEMBLY NO. 149012 REV E INDEX XA217
 UNIT ASSEMBLY NAME CARD CAGE ASSY,CPU L.H. FILE IDENT T39B2CP1 DATE 09-03-82 PAGE 117

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	SAFE	PREFIX	CONNECTOR	PIN	SAFE	MULTI GROUP	CODE	COLOR	IDENT											
02540	XA217	51			XA215	60				168	9		AD16L3	04	AD0783	01	3	TAD	D3		27B		
02295	XA217	52								168	9		AD07E7	02	AD0781	01	3	TAD	D1		24A		
01536	XA217	53			XA223	35				168	9		AC11BQ	04	AD11B2	01	1	TAD	E2		28B		
02297	XA217	54								168	9		AD07E8	02	AD0781	01	2	TAD	D1		25A		
00832	XA217	55			XA317	52				168	9		AB11DB	03	AD11B2	01	2	TAD	E2		29B	ADDER AB INPUT -	
02441	XA217	56								168	9		AD12P0	06	AD0781	01	1	TAD	D1		26A		
02433	XA217	57								168	9		AD12L3	04	AD11B2	01	3	TAD	E2		30B		
11097	XA217	58											GND	01	GROUND			TAD					
02539	XA217	59			XA217	51				168	9		AD16L3	03	AD11B3	01	1	TAD	E3		31B		
02399	XA217	60								168	9		AD11B3	04	AD11B3	00	1	TAD	E3		28A	ADDER SM20 CARRY	
02439	XA217	61			XA215	79				168	9		AD12P0	04	AD11B3	01	2	TAD	E3		32B		
02394	XA217	62			XA227	18				168	9		AD11B2	02	AD11B2	00	1	TAD	E2		29A	ADDER SM20 PROP.	
02648	XA217	63			XA215	45				168	9		AD20L3	04	AD11B3	01	3	TAD	E3		33B		
02390	XA217	64			XA228	26				168	9		AD11B1	03	AD11B1	00	1	TAD	E1		30A	ADDER SM20 SUM -	
04031	XA217	65			XA118	33				168	9		AQ05BP	01	AD31E8	01	2	TAD	F8		34B		
02402	XA217	66			XA215	69				168	9		AD11E7	01	AD11B1	01	3	TAD	E1		31A		
03005	XA217	67											GND		GROUND			TAD					
02404	XA217	68			XA215	76				168	9		AD11E8	01	AD11B1	01	2	TAD	E1		32A		
02893	XA217	69			XA216	66				168	9		AD31E7	01	AD31E7	00	1	TAD	F7		35A	UNUSED OUTPUT DUM	
02548	XA217	70			XA215	65				168	9		AD16P0	04	AD11B1	01	1	TAD	E1		33A		
03999	XA217	71			XA118	21				168	9		AQ03BP	01	AD31E7	01	5	TAD	F7		36A		
04015	XA217	72			XA118	35				168	9		AQ04BP	01	AD31E8	01	1	TAD	F8		34A		
03983	XA217	73			XA118	23				168	9		AQ02BP	01	AD31E7	01	4	TAD	F7		36B		
04047	XA217	74			XA118	47				168	9		AQ06BP	01	AD31E8	01	3	TAD	F8		35B		
03967	XA217	75			XA118	09				168	9		AQ01BP	01	AD31E7	01	3	TAD	F7		37B		
02895	XA217	76			XA216	68				168	9		AD31E8	01	AD31E8	00	1	TAD	F8		37A	UNUSED OUTPUT DUM	
02903	XA217	77			XA116	69				168	9		AKCBBP	01	AD31E7	01	2	TAD	F7		38B		
04063	XA217	78			XA118	45				168	9		AQ07BP	01	AD31E8	01	4	TAD	F8		38A		
03003	XA217	79			XA112	07				168	9		AKYCBQ	01	AD31E7	01	1	TAD	F7		39B		
03090	XA217	80			XA112	13				168	9		AKYNBQ	01	AD31E8	01	5	TAD	F8		39A		
02271	XA218	01								168	9		AD06B6	05	AD06B6	00	1	TAD	A6		02B	ADDER SM30 GEN. -	
11099	XA218	02											GND	01	GROUND			TAD			01A		
01414	XA218	03								168	9		AC06BQ	05	AD06B5	01	1	TAD	A5		02A		
02258	XA218	04			XA228	11				168	9		AD06B4	03	AD06B4	00	1	TAD	A4		04A	ADDER SM30 SUM -	
02266	XA218	05								168	9		AD06B5	06	AD06B5	00	1	TAD	A5		03B	ADDER SM30 PROP.	
08984	XA218	06											DNW	01	AD06B4	01	3	TAD	A4		05A		
00799	XA218	07			XA315	01				168	9		AB06DB	02	AD06B5	01	2	TAD	A5		03A	ADDER AB INPUT -	
08985	XA218	08											DNW	01	AD06B4	01	2	TAD	A4		06A		
02288	XA218	09			XA219	11				168	9		AD07B3	01	AD06B5	01	3	TAD	A5		04B		
16479	XA218	10			XA218	11				168	9		SPA034	05	AD06B4	01	1	TAD	A4		07A		
16480	XA218	11			XA218	23				168	9		SPA034	06	AD06B6	01	1	TAD	A6		05B		
00387	XA218	12											+5V	01				TAD					
02011	XA218	13			XA130	51				168	9		ADGR4A	05	AD06B6	01	2	TAD	A6		06B		
02375	XA218	14								168	9		AD10B6	05	AD10B6	00	1	TAD	B6		09A	ADDER SM30 GEN. -	
16474	XA218	15								168	9		SPA033	06	AD06B6	01	3	TAD	A6		07B		
11100	XA218	16											GND	01	GROUND			TAD			21B		
01516	XA218	17								168	9		AC10BQ	05	AD10B5	01	1	TAD	B5		08B		
02369	XA218	18			XA221	70				168	9		AD10B5	05	AD10B5	00	1	TAD	B5		10A	ADDER SM30 PROP.	
CONNECTOR (XA218) CONTINUED ON THE NEXT PAGE ****																							

DRAWING NUMBER 149012-880 CONNECTOR UNIT ASSEMBLY NO. 149012 REV E INDEX XA218
 UNIT ASSEMBLY NAME CARD CAGE ASSY,CPU L.H. FILE IDENT T39B2CP1 DATE 09-03-82 PAGE 118

RECORD NUMBER	FROM			BK-FG	TO			WIRE				SIGNAL	SEQ NO	EQUATION	TERM	FACTOR	CKT OR CHIP TYPE	GND	LOAD OR POWER PLANE	TEST POINTS AND OR	SIGNAL DESCRIPTION	ECO NO	
	PREFIX	CONNECTOR	PIN		PREFIX	CONNECTOR	PIN	MULTI GROUP	CODE	COLOR	IDENT												
00825		XA218	19			XA317	46				16B	9		AB10DB	02	AD10B5	01	2	TAD	B5	09B	ADDER AB INPUT -	
02360		XA218	20			XA229	25				16B	9		AD10B4	01	AD10B4	00	1	TAD	B4	11A	ADDER SM30 SUM -	
02396		XA218	21			XA219	23				16B	9		AD11B3	01	AD10B5	01	3	TAD	B5	10B		
08986		XA218	22											DNW	01	AD10B4	01	3	TAD	B4	12A		
16481		XA218	23			XA218	26				16B	9		SPA034	07	AD10B6	01	1	TAD	B6	11B		
08987		XA218	24											DNW	01	AD10B4	01	2	TAD	B4	13A		
02005		XA218	25			XA130	45				16B	9		ADGR3A	06	AD10B6	01	2	TAD	B6	12B		
16482		XA218	26			XA218	39				16B	9		SPA034	08	AD10B4	01	1	TAD	B4	14A		
16486		XA218	27			XA219	15				16B	9		SPA035	02	AD10B6	01	3	TAD	B6	13B		
00388		XA218	28											+5V	01				TAD				
01573		XA218	29								16B	9		AC13B0	05	AD13B5	01	1	TAD	C5	14B		
02457		XA218	30								16B	9		AD13B6	04	AD13B6	00	1	TAD	C6	15A	ADDER SM30 GEN. -	
00845		XA218	31			XA317	33				16B	9		AB13DB	02	AD13B5	01	2	TAD	C5	15B	ADDER AB INPUT -	
11101		XA218	32											GND	01	GROUND			TAD		27A		
02482		XA218	33			XA217	30				16B	9		AD14B6	04	AD13B5	01	3	TAD	C5	16B		
02453		XA218	34								16B	9		AD13B5	05	AD13B5	00	1	TAD	C5	16A	ADDER SM30 PROP.	
02502		XA218	35			XA217	33				16B	9		AD15B3	03	AD13B6	01	1	TAD	C6	17B		
02447		XA218	36			XA150	61				16B	9		AD13B4	04	AD13B4	00	1	TAD	C4	17A	ADDER SM30 SUM -	
02477		XA218	37			XA217	34				16B	9		AD14B5	05	AD13B6	01	2	TAD	C6	18B		
08988		XA218	38											DNW	01	AD13B4	01	3	TAD	C4	18A		
16483		XA218	39			XA219	70				16B	9		SPA034	09	AD13B6	01	3	TAD	C6	19B		
08989		XA218	40											DNW	01	AD13B4	01	2	TAD	C4	19A		
01359		XA218	41			XA324	77				16B	9		AC03B0	05	AD03B2	01	1	TAD	D2	22B		
02003		XA218	42			XA219	26				16B	9		ADGR3A	04	AD13B4	01	1	TAD	C4	20A		
00780		XA218	43			XA315	22				16B	9		AB03DB	03	AD03B2	01	2	TAD	D2	23B	ADDER AB INPUT -	
11102		XA218	44											GND	01	GROUND			TAD		40B		
02230		XA218	45								16B	9		AD04L3	02	AD03B2	01	3	TAD	D2	24B		
02199		XA218	46			XA221	33				16B	9		AD03B3	03	AD03B3	00	1	TAD	D3	21A	ADDER SM20 CARRY	
02325		XA218	47			XA217	45				16B	9		AD08L3	02	AD03B3	01	1	TAD	D3	25B		
02196		XA218	48								16B	9		AD03B2	02	AD03B2	00	1	TAD	D2	22A	ADDER SM20 PROP.	
02234		XA218	49			XA220	80				16B	9		AD04P0	02	AD03B3	01	2	TAD	D3	26B		
02192		XA218	50			XA228	10				16B	9		AD03B1	03	AD03B1	00	1	TAD	D1	23A	BIT 03 SM20 SUM	
02432		XA218	51			XA217	57				16B	9		AD12L3	03	AD03B3	01	3	TAD	D3	27B		
02207		XA218	52								16B	9		AD03E7	02	AD03B1	01	3	TAD	D1	24A		
01903		XA218	53								16B	9		AC28B0	06	AD28B2	01	1	TAD	E2	28B		
02209		XA218	54								16B	9		AD03E8	02	AD03B1	01	2	TAD	D1	25A		
00943		XA218	55			XA319	39				16B	9		AB280B	03	AD28B2	01	2	TAD	E2	29B	ADDER AB INPUT -	
02329		XA218	56			XA219	79				16B	9		AD08P0	01	AD03B1	01	1	TAD	D1	26A		
02861		XA218	57			XA215	01				16B	9		AD29B6	02	AD28B2	01	3	TAD	E2	30B		
11103		XA218	58											GND	01	GROUND			TAD				
02875		XA218	59			XA214	14				16B	9		AD30R6	02	AD28B3	01	1	TAD	E3	31B		
02842		XA218	60			XA215	51				16B	9		AD28B3	05	AD28B3	00	1	TAD	E3	28A	ADDER SM20 CARRY	
02858		XA218	61			XA215	05				16B	9		AD29B5	02	AD28B3	01	2	TAD	E3	32B		
02837		XA218	62								16B	9		AD28B2	02	AD28B2	00	1	TAD	E2	29A	ADDER SM20 PROP.	
02887		XA218	63			XA216	60				16B	9		AD31B3	01	AD28B3	01	3	TAD	E3	33B		
02831		XA218	64			XA228	50				16B	9		AD28B1	01	AD28B1	00	1	TAD	E1	30A	ADDER SM20 SUM -	
04159		XA218	65			XA117	09				16B	9		AQ138P	01	AD27E8	01	2	TAD	F8	34B		
08990		XA218	66											DNW	01	AD28B1	01	3	TAD	E1	31A		
11104		XA218	67											GND	01	GROUND			TAD				
08991		XA218	68											DNW	01	AD28B1	01	2	TAD	E1	32A		
CONNECTOR (XA218) CONTINUED ON THE NEXT PAGE ****																							

DRAWING NUMBER 149012-880 CONNECTOR UNIT ASSEMBLY NO. 149012 REV E INDEX XA218
 UNIT ASSEMBLY NAME CARD CAGE ASSY,CPU L.H. FILE IDENT T39B2CP1 DATE 09-03-82 PAGE 119

RECORD NUMBER	FROM				TO				WIRE				SFC INS. WISC	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												
02823		XA218	69							168	9			AD27E7	02	AD27E7	00	1	TAD	F7		35A	UNUSED OUTPUT DUM	
02871		XA218	70			XA214	18			168	9			AD30B5	02	AD28B1	01	1	TAD	E1		33A		
04127		XA218	71			XA118	69			168	9			AQ118P	01	AD27E7	01	5	TAD	F7		36A		
04143		XA218	72			XA117	11			168	9			AQ128P	01	AD27E8	01	1	TAD	F8		34A		
04111		XA218	73			XA118	76			168	9			AQ108P	01	AD27E7	01	4	TAD	F7		36B		
04175		XA218	74			XA117	23			168	9			AQ148P	01	AD27E8	01	3	TAD	F8		35B		
04095		XA218	75			XA118	57			168	9			AQ098P	01	AD27E7	01	3	TAD	F7		37B		
02825		XA218	76							168	9			AD27E8	02	AD27E8	00	1	TAD	F8		37A	UNUSED OUTPUT DUM	
04079		XA218	77			XA118	59			168	9			AQ088P	01	AD27E7	01	2	TAD	F7		38B		
04191		XA218	78			XA117	21			168	9			AQ158P	01	AD27E8	01	4	TAD	F8		38A		
03014		XA218	79			XA112	19			168	9			AKYCCQ	01	AD27E7	01	1	TAD	F7		39B		
03101		XA218	80			XA112	25			168	9			AKYNCQ	01	AD27E8	01	5	TAD	F8		39A		
02249		XA219	01							168	9			AD05B6	04	AD05B6	00	1	TAD	A6		02B	ADDER SM30 GEN. -	
11105		XA219	02											GND	01	GROUND			TAD			01A		
01396		XA219	03			XA324	55			168	9			AD05BQ	04	AD05B5	01	1	TAD	A5		02A		
02239		XA219	04			XA323	55			168	9			AD05B4	04	AD05B4	00	1	TAD	A4		04A	ADDER SM30 SUM -	
02245		XA219	05							168	9			AD05B5	05	AD05B5	00	1	TAD	A5		03B	ADDER SM30 PROP. -	
08992		XA219	06											DNW	01	AD05B4	01	3	TAD	A4		05A		
00793		XA219	07			XA315	09			168	9			AB05DB	02	AD05B5	01	2	TAD	A5		03A	ADDER AB INPUT -	
08993		XA219	08											DNW	01	AD05B4	01	2	TAD	A4		06A		
02270		XA219	09			XA218	01			168	9			AD06B6	04	AD05B5	01	3	TAD	A5		04B		
02010		XA219	10			XA218	13			168	9			ADGR4A	04	AD05B4	01	1	TAD	A4		07A		
02289		XA219	11			XA220	27			168	9			AD07B3	02	AD05B6	01	1	TAD	A6		05B		
00389		XA219	12											+5V	01				TAD					
02265		XA219	13			XA218	05			168	9			AD06B5	05	AD05B6	01	2	TAD	A6		06B		
02351		XA219	14							168	9			AD09B6	04	AD09B6	00	1	TAD	B6		09A	ADDER SM30 GEN. -	
16487		XA219	15			XA219	27			168	9			SPA035	03	AD05B6	01	3	TAD	A6		07B		
11106		XA219	16											GND	01	GROUND			TAD			21B		
01499		XA219	17							168	9			AC09BQ	05	AD09B5	01	1	TAD	B5		08B		
02346		XA219	18			XA221	61			168	9			AD09B5	04	AD09B5	00	1	TAD	B5		10A	ADDER SM30 PROP. -	
00819		XA219	19			XA317	45			168	9			AB09DB	02	AD09B5	01	2	TAD	B5		09B	ADDER AB INPUT -	
02338		XA219	20			XA229	19			168	9			AD09B4	01	AD09B4	00	1	TAD	B4		11A	ADDER SM30 SUM -	
02374		XA219	21			XA218	14			168	9			AD10B6	04	AD09B5	01	3	TAD	B5		10B		
08994		XA219	22											DNW	01	AD09B4	01	3	TAD	B4		12A		
02397		XA219	23			XA220	39			168	9			AD11B3	02	AD09B6	01	1	TAD	B6		11B		
08995		XA219	24											DNW	01	AD09B4	01	2	TAD	B4		13A		
02368		XA219	25			XA218	18			168	9			AD10B5	04	AD09B6	01	2	TAD	B6		12B		
02004		XA219	26			XA218	25			168	9			ADGR3A	05	AD09B4	01	1	TAD	B4		14A		
16488		XA219	27			XA219	63			168	9			SPA035	04	AD09B6	01	3	TAD	B6		13B		
00390		XA219	28											+5V	01				TAD					
01556		XA219	29							168	9			AC12BQ	06	AD12B5	01	1	TAD	C5		14B		
02423		XA219	30							168	9			AD12B6	02	AD12B6	00	1	TAD	C6		15A	ADDER SM30 GEN. -	
00838		XA219	31			XA220	43			168	9			AB12DB	02	AD12B5	01	2	TAD	C5		15B	ADDER AB INPUT -	
11107		XA219	32											GND	01	GROUND			TAD			27A		
02456		XA219	33			XA218	30			168	9			AD13B6	03	AD12B5	01	3	TAD	C5		16B		
02421		XA219	34							168	9			AD12B5	02	AD12B5	00	1	TAD	C5		16A	ADDER SM30 PROP. -	
02481		XA219	35			XA218	33			168	9			AD14B6	03	AD12B6	01	1	TAD	C6		17B		
02415		XA219	36			XA228	20			168	9			AD12B4	01	AD12B4	00	1	TAD	C4		17A	ADDER SM30 SUM -	
CONNECTOR		XA219	CONTINUED ON THE NEXT PAGE ****																					

DRAWING NUMBER 149012-880 CONNECTOR UNIT ASSEMBLY NO. 149012 REV E INDEX XA219
 UNIT ASSEMBLY NAME CARD CAGE ASSY.CPU L.H. FILE IDENT T39B2CP1 DATE 09-03-82 PAGE 120

RECORD NUMBER	FROM				TO				WIRE				SIGNAL	SEQ NO	EQUATION	TERM	FACTOR	CKT OR CHIP TYPE	GROUP	LOAD CP POWER PLANE	TEST POINTS AND/OR	SIGNAL DESCRIPTION	ECO NO	
	PREFIX	CONNECTOR	PIN	SRF NO	PREFIX	CONNECTOR	PIN	SRF NO	MULTI GROUP	CODE	COLOR	IDENT												
02452		XA219	37		XA218	34				16B	9		AD13B5	04	AD12B6	01	2	TAD	C6		18B			
08996		XA219	38										DNW	01	AD12B4	01	3	TAD	C4		18A			
02501		XA219	39		XA218	35				16B	9		AD15B3	02	AD12B6	01	3	TAD	C6		19B			
08997		XA219	40										DNW	01	AD12B4	01	2	TAD	C4		19A			
01282		XA219	41		XA238	07				16B	9		AC00BQ	03	AD00B2	01	1	TAD	D2		22B			
02476		XA219	42		XA218	37				16B	9		AD14B5	04	AD12B4	01	1	TAD	C4		20A			
00757		XA219	43		XA315	27				16B	9		AB00DB	02	AD00B2	01	2	TAD	D2		23B	ADDER AB INPUT -		
11108		XA219	44										GND	01	GROUND			TAD			40B			
02140		XA219	45		XA220	01				16B	9		AD01B6	02	AD00B2	01	3	TAD	D2		24B			
02100		XA219	46							16B	9		AD00B3	03	AD00B3	00	1	TAD	D3		21A	ADDER SM20 CARRY		
02177		XA219	47		XA221	30				16B	9		AD02B6	02	AD00B3	01	1	TAD	D3		25B			
02097		XA219	48							16B	9		AD00P2	04	AD00B2	00	1	TAD	D2		22A	ADDER SM20 PROP.		
02163		XA219	49							16B	9		AD01T0	05	AD00B3	01	2	TAD	D3		26B			
02091		XA219	50		XA229	04				16B	9		AD00B1	03	AD00B1	00	1	TAD	D1		23A	ADDER SM20 SUM -		
02198		XA219	51		XA218	46				16B	9		AD03B3	02	AD00B3	01	3	TAD	D3		27B			
08998		XA219	52										DNW	01	AD00B1	01	3	TAD	D1		24A			
01874		XA219	53							16B	9		AC27BQ	06	AD27B2	01	1	TAD	E2		28B			
08999		XA219	54										DNW	01	AD00B1	01	2	TAD	D1		25A			
00936		XA219	55		XA319	52				16B	9		AB27DB	03	AD27B2	01	2	TAD	E2		29B	ADDER AB INPUT -		
02171		XA219	56		XA220	13				16B	9		AD02B5	01	AD00B1	01	1	TAD	D1		26A			
02841		XA219	57		XA218	60				16B	9		AD28B3	04	AD27B2	01	3	TAD	E2		30B			
11109		XA219	58										GND	01	GROUND			TAD						
16496		XA219	59		XA221	39				16B	9		SPA036	02	AD27B3	01	1	TAD	E3		31B			
02816		XA219	60		XA216	39				16B	9		AD27B3	01	AD27B3	00	1	TAD	E3		28A	ADDER SM20 CARRY		
01988		XA219	61		XA215	42				16B	9		ADGR1A	01	AD27B3	01	2	TAD	E3		32B			
02815		XA219	62							16B	9		AD27B2	03	AD27B2	00	1	TAD	E2		29A	ADDER SM20 PROP.		
16489		XA219	63		XA219	71				16B	9		SPA035	05	AD27B3	01	3	TAD	E3		33B			
02808		XA219	64		XA228	56				16B	9		AD27B1	01	AD27B1	00	1	TAD	E1		30A	ADDER SM20 SUM -		
02438		XA219	65		XA217	61				16B	9		AD12P0	03	AD07E8	01	2	TAD	F8		34B			
02822		XA219	66		XA218	69				16B	9		AD27E7	01	AD27B1	01	3	TAD	F1		31A			
11110		XA219	67										GND	01	GROUND			TAD						
02824		XA219	68		XA218	76				16B	9		AD27E8	01	AD27B1	01	2	TAD	E1		32A			
02294		XA219	69		XA217	52				16B	9		AD07E7	01	AD07E7	00	1	TAD	F7		35A	ADDER SM40 CARRY		
16484		XA219	70							16B	9		SPA034	10	AD27B1	01	1	TAD	E1		33A			
16490		XA219	71		XA220	15				16B	9		SPA035	06	AD07E7	01	5	TAD	F7		36A			
02657		XA219	72		XA215	80				16B	9		AD20P0	05	AD07E8	01	1	TAD	F8		34A			
02007		XA219	73		XA221	37				16B	9		ADGR4A	01	AD07E7	01	4	TAD	F7		36B			
02749		XA219	74		XA220	63				16B	9		AD24L3	02	AD07E8	01	3	TAD	F8		35B			
02761		XA219	75		XA215	72				16B	9		AD24P0	05	AD07E7	01	3	TAD	F7		37B			
02296		XA219	76		XA217	54				16B	9		AD07E8	01	AD07E8	00	1	TAD	F8		37A	ADDER SM40 CARRY		
02840		XA219	77		XA219	57				16B	9		AD28B3	03	AD07E7	01	2	TAD	F7		38B			
02647		XA219	78		XA217	63				16B	9		AD20L3	03	AD07E8	01	4	TAD	F8		38A			
02330		XA219	79		XA225	45				16B	9		AD08P0	02	AD07E7	01	1	TAD	F7		39B			
02547		XA219	80		XA217	70				16B	9		AD16P0	03	AD07E8	01	5	TAD	F8		39A			
02141		XA220	01		XA221	23				16B	9		AD01B6	03	AD01B6	00	1	TAD	A6		02B	ADDER SM30 GEN. -		
11111		XA220	02										GND	01	GROUND			TAD			01A			
01318		XA220	03		XA113	05				16B	9		AC01BQ	05	AD01B5	01	1	TAD	A5		02A			
02131		XA220	04		XA229	03				16B	9		AD01B4	03	AD01B4	00	1	TAD	A4		04A	ADDER SM30 SUM -		
CONNECTOR XA220 CONTINUED ON THE NEXT PAGE ****																								

DRAWING NUMBER 149012-880 CONNECTOR UNIT ASSEMBLY NO. 149012 REV E INDEX XA220
 UNIT ASSEMBLY NAME CARD CAGE ASSY,CPU L.H. FILE IDENT T39B2CP1 DATE 09-03-82 PAGE 121

RECORD NUMBER	FROM			SFC	TO			WIRE				SFC INST. MISC.	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		PREFIX	CONNECTOR	PIN	MULTI GROUP	CODE	COLOR	IDENT												
02138		XA220	05					16B	9			AD01B5	05	AD01B5	00	1	TAD	A5		03B	ADDER SM30 PROP.		
09000		XA220	06									DNW	01	AD01B4	01	3	TAD	A4		05A			
00765		XA220	07		XA315	21		16B	9			AB010B	03	AD01B5	01	2	TAD	A5		03A	ADDER AB INPUT -		
09001		XA220	08									DNW	01	AD01B4	01	2	TAD	A4		06A			
02179		XA220	09		XA223	03		16B	9			AD02B6	04	AD01B5	01	3	TAD	A5		04B			
02009		XA220	10		XA219	10		16B	9			AD0R4A	03	AD01B4	01	1	TAD	A4		07A			
02203		XA220	11					16B	9			AD03B3	07	AD01B6	01	1	TAD	A6		05B			
00391		XA220	12									+5V	01				TAD						
02172		XA220	13		XA223	13		16B	9			AD02B5	02	AD01B6	01	2	TAD	A6		06B			
02222		XA220	14					16B	9			AD04B6	02	AD04B6	00	1	TAD	B6		09A	ADDER SM30 GEN. -		
16491		XA220	15		XA221	42		16B	9			SPA035	07	AD01B6	01	3	TAD	A6		07B			
11112		XA220	16									GND	01	GROUND			TAD			21B			
01377		XA220	17		XA324	61		16B	9			AC04BQ	05	AD04B5	01	1	TAD	B5		08B			
02220		XA220	18					16B	9			AD04B5	02	AD04B5	00	1	TAD	B5		10A	ADDER SM30 PROP.		
00786		XA220	19		XA221	43		16B	9			AB040B	02	AD04B5	01	2	TAD	B5		09B	ADDER AB INPUT -		
02217		XA220	20		XA323	61		16B	9			AD04B4	04	AD04B4	00	1	TAD	B4		11A	ADDER SM30 SUM -		
02248		XA220	21		XA219	01		16B	9			AD05B6	03	AD04B5	01	3	TAD	B5		10B			
09002		XA220	22									DNW	01	AD04B4	01	3	TAD	B4		12A			
02269		XA220	23		XA219	09		16B	9			AD06B6	03	AD04B6	01	1	TAD	B6		11B			
09003		XA220	24									DNW	01	AD04B4	01	2	TAD	B4		13A			
02244		XA220	25		XA219	05		16B	9			AD05B5	04	AD04B6	01	2	TAD	B6		12B			
02264		XA220	26		XA219	13		16B	9			AD06B5	04	AD04B4	01	1	TAD	B4		14A			
02290		XA220	27		XA217	46		16B	9			AD07B3	03	AD04B6	01	3	TAD	B6		13B			
00392		XA220	28									+5V	01				TAD						
01480		XA220	29					16B	9			AC08BQ	06	AD08B5	01	1	TAD	C5		14B			
02317		XA220	30					16B	9			AD08B6	02	AD08B6	00	1	TAD	C6		15A	ADDER SM30 GEN. -		
00812		XA220	31		XA221	55		16B	9			AB080B	02	AD08B5	01	2	TAD	C5		15B	ADDER AB INPUT -		
02308		XA220	32									GND	01	GROUND			TAD			27A			
02350		XA220	33		XA219	14		16B	9			AD09B6	03	AD08B5	01	3	TAD	C5		16B			
02315		XA220	34					16B	9			AD08B5	02	AD08B5	00	1	TAD	C5		16A	ADDER SM30 PROP.		
02373		XA220	35		XA219	21		16B	9			AD10B6	03	AD08B6	01	1	TAD	C6		17B			
02312		XA220	36		XA150	26		16B	9			AD08B4	04	AD08B4	00	1	TAD	C4		17A	ADDER SM30 SUM -		
02345		XA220	37		XA219	18		16B	9			AD09B5	03	AD08B6	01	2	TAD	C6		18B			
09004		XA220	38									DNW	01	AD08B4	01	3	TAD	C4		18A			
02398		XA220	39		XA217	60		16B	9			AD11B3	03	AD08B6	01	3	TAD	C6		19B			
09005		XA220	40									DNW	01	AD08B4	01	2	TAD	C4		19A			
01555		XA220	41		XA219	29		16B	9			AC12BQ	05	AD12L2	01	1	TAD	D2		22B			
02367		XA220	42		XA219	25		16B	9			AD10B5	03	AD08B4	01	1	TAD	C4		20A			
00839		XA220	43		XA317	39		16B	9			AB120B	03	AD12L2	01	2	TAD	D2		23B	ADDER AB INPUT -		
11114		XA220	44									GND	01	GROUND			TAD			40B			
02455		XA220	45		XA219	33		16B	9			AD13B6	02	AD12L2	01	3	TAD	D2		24B			
02430		XA220	46		XA217	47		16B	9			AD12L3	01	AD12L3	00	1	TAD	D3		21A	ADDER SM20 GEN.		
02480		XA220	47		XA219	35		16B	9			AD14B6	02	AD12L3	01	1	TAD	D3		25B			
02429		XA220	48					16B	9			AD12L2	02	AD12L2	00	1	TAD	D2		22A	ADDER SM20 PROP.		
02451		XA220	49		XA219	37		16B	9			AD13B5	03	AD12L3	01	2	TAD	D3		26B			
02427		XA220	50					16B	9			AD12L1	02	AD12L1	00	1	TAD	D1		23A	ADDER SM20 DUMMY-1		
02514		XA220	51					16B	9			AD15G0	03	AD12L3	01	3	TAD	D3		27B			
09006		XA220	52									DNW	01	AD12L1	01	3	TAD	D1		24A			
01608		XA220	53					16B	9			AC15BQ	06	AD15B2	01	1	TAD	E2		28B			
09007		XA220	54									DNW	01	AD12L1	01	2	TAD	D1		25A			
CONNECTOR (XA220) CONTINUED ON THE NEXT PAGE ****																							

DRAWING NUMBER 149012-880 CONNECTOR UNIT ASSEMBLY NO. 149012 REV E INDEX XA220
 UNIT ASSEMBLY NAME CARD CAGE ASSY,CPU L.H. FILE IDENT T39B2CP1 DATE 09-03-82 PAGE 122

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												
00858		XA220	55		XA317	38				16B	9		AB150B	03	AD15B2	01	2	TAD	E2		29B	ADDER AB INPUT -		
02475		XA220	56		XA219	42				16B	9		AD14B5	03	AD12L1	01	1	TAD	O1		26A			
02538		XA220	57		XA217	59				16B	9		AD16L3	02	AD15B2	01	3	TAD	E2		30B			
11115		XA220	58										GND	01	GROUND			TAD						
02645		XA220	59		XA220	74				16B	9		AD20L3	01	AD15B3	01	1	TAD	E3		31B	ADDER SM20 CARRY		
02500		XA220	60		XA219	39				16B	9		AD15B3	01	AD15B3	00	1	TAD	E3		28A			
02552		XA220	61							16B	9		AD16Q0	03	AD15B3	01	2	TAD	E3		32B	ADDER SM20 PROP.		
02498		XA220	62		XA227	42				16B	9		AD15B2	02	AD15B2	00	1	TAD	E2		29A			
02750		XA220	63		XA215	78				16B	9		AD24L3	03	AD15B3	01	3	TAD	E3		33B	ADDER SM20 SUM -		
02495		XA220	64		XA146	04				16B	9		AD15B1	04	AD15B1	00	1	TAD	E1		30A			
02332		XA220	65		XA217	49				16B	9		AD08P0	04	AD03E8	01	2	TAD	F8		34B			
02507		XA220	66							16B	9		AD15E7	02	AD15B1	01	3	TAD	E1		31A			
11116		XA220	67										GND	01	GROUND			TAD						
02509		XA220	68							16B	9		AD15E8	02	AD15B1	01	2	TAD	E1		32A	ADDER SM40 CARRY		
02206		XA220	69		XA218	52				16B	9		AD03E7	01	AD03E7	00	1	TAD	F7		35A			
02656		XA220	70		XA219	72				16B	9		AD20P0	04	AD15B1	01	1	TAD	E1		33A			
02839		XA220	71		XA219	77				16B	9		AD28B3	02	AD03E7	01	5	TAD	F7		36A			
02546		XA220	72		XA219	80				16B	9		AD16P0	02	AD03E8	01	1	TAD	F8		34A			
02760		XA220	73		XA219	75				16B	9		AD24P0	04	AD03E7	01	4	TAD	F7		36B			
02646		XA220	74		XA219	78				16B	9		AD20L3	02	AD03E8	01	3	TAD	F8		35B			
02654		XA220	75		XA221	65				16B	9		AD20P0	02	AD03E7	01	3	TAD	F7		37B	ADDER SM40 CARRY		
02208		XA220	76		XA218	54				16B	9		AD03E8	01	AD03E8	00	1	TAD	F8		37A			
02748		XA220	77		XA219	74				16B	9		AD24L3	01	AD03E7	01	2	TAD	F7		38B			
02537		XA220	78		XA220	57				16B	9		AD16L3	01	AD03E8	01	4	TAD	F8		38A			
02437		XA220	79		XA219	65				16B	9		AD12P0	02	AD03E7	01	1	TAD	F7		39B			
02235		XA220	80							16B	9		AD04P0	03	AD03E8	01	5	TAD	F8		39A			
02028		XA221	01									M	ADSEB6	01	ADSEB6	00	1	TAD	A6		02B	ADDER SM30 GEN.-SE		
22636		XA221	02										GND		GROUND			TAD			01A			
01220		XA221	03		XA213	41				16B	9		ACSEBQ	03	ADSEB5	01	1	TAD	A5		02A	ADDER SM30 SUM -		
02019		XA221	04		XA229	10				16B	9		ADSEB4	02	ADSEB4	00	1	TAD	A4		04A	ADDER SM30 PROP.		
02025		XA221	05		XA115	21				16B	9		ADSEB5	03	ADSEB5	00	1	TAD	A5		03B			
09008		XA221	06										DNW	01	ADSEB4	01	3	TAD	A4		05A			
00749		XA221	07		XA315	38				16B	9		ABSEDB	06	ADSEB5	01	2	TAD	A5		03A	ADDER AB INPUT -		
09009		XA221	08										DNW	01	ADSEB4	01	2	TAD	A4		06A			
02099		XA221	09		XA219	46				16B	9		AD00B3	02	ADSEB5	01	3	TAD	A5		04B			
02155		XA221	10		XA221	26				16B	9		AD01P0	02	ADSEB4	01	1	TAD	A4		07A			
02149		XA221	11							16B	9		AD01L0	02	ADSEB6	01	1	TAD	A6		05B			
00393		XA221	12										+5V	01				TAD						
02096		XA221	13		XA219	48				16B	9		AD00B2	03	ADSEB6	01	2	TAD	A6		06B	AD SIGN COMPARE-DU		
02045		XA221	14							16B	9		AD5XB6	02	AD5XB6	00	1	TAD	A6		09A			
02202		XA221	15		XA220	11				16B	9		AD03B3	06	ADSEB6	01	3	TAD	A6		07B			
22637		XA221	16										GND		GROUND			TAD			21B			
02107		XA221	17		XA225	09				16B	9		AD00G0	02	AD5XB5	01	1	TAD	B5		08B	AD SIGN COMPARE-DU		
02043		XA221	18							16B	9		AD5XB5	02	AD5XB5	00	1	TAD	B5		10A			
02051		XA221	19							16B	9		AD5XB20	02	AD5XB5	01	2	TAD	B5		09B			
02041		XA221	20							16B	9		AD5XB4	02	AD5XB4	00	1	TAD	B4		11A	AD SIGN COMPARE -		
02049		XA221	21							16B	9		AD5XC0	02	AD5XB5	01	3	TAD	B5		10B			
09010		XA221	22										DNW	01	AD5XB4	01	3	TAD	B4		12A			
CONNECTOR XA221 CONTINUED ON THE NEXT PAGE ****																								

DRAWING NUMBER 149012-880 CONNECTOR UNIT ASSEMBLY NO. 149012 REV E INDEX XA221
 UNIT ASSEMBLY NAME CARD CAGE ASSY,CPU L.H. FILE IDENT T39B2CP1 DATE 09-03-82 PAGE 123

RECORD NUMBER	FROM				TO				WIRE				SIGNAL	SEC NO	EQUATION	TERM	FACTOR	CKT OR CHIP TYPE	GRP	LOAD OR POWER PLANE	TEST POINTS AND/OR	SIGNAL DESCRIPTION	SEC NO
	PREFIX	CONNECTOR	PIN	EN FS	PREFIX	CONNECTOR	PIN	EN FS	MULTI GROUP	CODE	COLOR	IDENT											
02142		XA221	23			XA224	13			16B	9			AD01B6	04	AD5XB6	01	1	TAD	B6	11B		
09011		XA221	24											DNW	01	AD5XB4	01	2	TAD	B4	13A		
02119		XA221	25							16B	9			AD00TA	05	AD5XB6	01	2	TAD	B6	12B		
02156		XA221	26							16B	9			AD01P0	03	AD5XB4	01	1	TAD	B4	14A		
02201		XA221	27			XA221	15			16B	9			AD03B3	05	AD5XB6	01	3	TAD	B6	13B		
00394		XA221	28											+5V	01				TAD				
01340		XA221	29			XA227	66			16B	9			AC02BQ	05	AD02B5	01	1	TAD	C5	14B		
02178		XA221	30			XA220	09			16B	9			AD02B6	03	AD02B6	00	1	TAD	C6	15A	ADDER SM30 GEN.	-
00773		XA221	31			XA315	14			16B	9			AB02DB	04	AD02B5	01	2	TAD	C5	15B	ADDER AB INPUT	-
11117		XA221	32											GND	01	GROUND			TAD		27A		
02200		XA221	33			XA221	27			16B	9			AD03B3	04	AD02B5	01	3	TAD	C5	16B		
02175		XA221	34							16B	9			AD02B5	05	AD02B5	00	1	TAD	C5	16A	ADDER SM30 PROP.	
16505		XA221	35			XA221	75			16B	9			SPA037	01	AD02B6	01	1	TAD	C6	17B		
02168		XA221	36			XA229	13			16B	9			AD02B4	03	AD02B4	00	1	TAD	C4	17A	ADDER SM30 SJM	-
02008		XA221	37			XA220	10			16B	9			ADGR4A	02	AD02B6	01	2	TAD	C6	18B		
09012		XA221	38											DNW	01	AD02B4	01	3	TAD	C4	18A		
16497		XA221	39			XA221	73			16B	9			SPA036	03	AD02B6	01	3	TAD	C6	19B		
09013		XA221	40											DNW	01	AD02B4	01	2	TAD	C4	19A		
01376		XA221	41			XA220	17			16B	9			AC04BQ	04	AD04L2	01	1	TAD	D2	22B		
16492		XA221	42			XA221	71			16B	9			SPA035	08	AD02B4	01	1	TAD	C4	20A		
00787		XA221	43			XA315	15			16B	9			AB04DB	03	AD04L2	01	2	TAD	D2	23B	ADDER AB INPUT	-
11118		XA221	44											GND	01	GROUND			TAD		40B		
02247		XA221	45			XA220	21			16B	9			AD05B6	02	AD04L2	01	3	TAD	D2	24B		
02229		XA221	46			XA218	45			16B	9			AD04L3	01	AD04L3	00	1	TAD	D3	21A	ADDER SM20 GEN.	
02268		XA221	47			XA220	23			16B	9			AD06B6	02	AD04L3	01	1	TAD	D3	25B		
02228		XA221	48							16B	9			AD04L2	02	AD04L2	00	1	TAD	D2	22A	ADDER SM20 PROP.	
02241		XA221	49			XA227	25			16B	9			AD05B5	01	AD04L3	01	2	TAD	D3	26B		
02226		XA221	50							16B	9			AD04L1	02	AD04L1	00	1	TAD	D1	23A	ADDER SM20 DUMMY-0	
02301		XA221	51			XA225	46			16B	9			AD07G0	02	AD04L3	01	3	TAD	D3	27B		
09014		XA221	52											DNW	01	AD04L1	01	3	TAD	D1	24A		
01479		XA221	53			XA220	29			16B	9			AC08BQ	05	AD08L2	01	1	TAD	E2	28B		
09015		XA221	54											DNW	01	AD04L1	01	2	TAD	D1	25A		
00813		XA221	55			XA317	51			16B	9			AB08DB	03	AD08L2	01	2	TAD	E2	29B	ADDER AB INPUT	-
02261		XA221	56			XA227	22			16B	9			AD06B5	01	AD04L1	01	1	TAD	D1	26A		
02348		XA221	57			XA332	74			16B	9			AD09B6	01	AD08L2	01	3	TAD	E2	30B		
11119		XA221	58											GND	01	GROUND			TAD				
02372		XA221	59			XA220	35			16B	9			AD10B6	02	AD08L3	01	1	TAD	E3	31B		
02324		XA221	60			XA218	47			16B	9			AD08L3	01	AD08L3	00	1	TAD	E3	28A	ADDER SM20 GEN.	
02347		XA221	61							16B	9			AD09B5	05	AD08L3	01	2	TAD	E3	32B		
02323		XA221	62							16B	9			AD08L2	02	AD08L2	00	1	TAD	E2	29A	ADDER SM20 PROP.	
02410		XA221	63							16B	9			AD11G0	03	AD08L3	01	3	TAD	E3	33B		
02321		XA221	64							16B	9			AD08L1	02	AD08L1	00	1	TAD	E1	30A	ADDER SM20 DUMMY-0	
02655		XA221	65			XA220	70			16B	9			AD20P0	03	AD15E8	01	2	TAD	F8	34B		
09016		XA221	66											DNW	01	AD08L1	01	3	TAD	E1	31A		
11120		XA221	67											GND	01	GROUND			TAD				
09017		XA221	68											DNW	01	AD08L1	01	2	TAD	E1	32A		
02506		XA221	69			XA220	66			16B	9			AD15E7	01	AD15E7	00	1	TAD	F7	35A	ADDER SM40 CARRY	
02370		XA221	70							16B	9			AD10B5	06	AD08L1	01	1	TAD	E1	33A		
16493		XA221	71			XA221	74			16B	9			SPA035	09	AD15E7	01	5	TAD	F7	36A		
02000		XA221	72			XA215	75			16B	9			ADGR3A	01	AD15E8	01	1	TAD	F8	34A		
CONNECTOR XA221 CONTINUED ON THE NEXT PAGE ****																							

DRAWING NUMBER 149012-880 CONNECTOR UNIT ASSEMBLY NO. 149012 REV E INDEX XA221
 UNIT ASSEMBLY NAME CARD CAGE ASSY,CPU L.H. FILE IDENT T39B2CP1 DATE 09-03-82 PAGE 124

RECORD NUMBER	FROM				TO				WIRE				SFC INST MISC	SIGNAL	SEQ NO	EQUATION	TERM	FACTOR	CKT OR CHIP TYPE	GROUP	LOAD CP POWER PLANE	TEST POINTS AND/OR	SIGNAL DESCRIPTION	ECO NO		
	PREFIX	CONNECTOR	PIN	WIRE	PREFIX	CONNECTOR	PIN	WIRE	MULTI GROUP	CODE	COLOR	IDENT														
16498		XA221	73			XA223	18			16B	9			SPA036	04	AD15E7	01	4	TAD	F7		36B				
16494		XA221	74							16B	9			SPA035	10	AD15E8	01	3	TAD	F8		35B				
16506		XA221	75			XA223	04			16B	9			SPA037	02	AD15E7	01	3	TAD	F7		37B				
02508		XA221	76			XA220	68			16B	9			AD15E8	01	AD15E8	00	1	TAD	F8		37A	ADDER SM40 CARRY			
16516		XA221	77			XA224	20			16B	9			SPA038	01	AD15E7	01	2	TAD	F7		38B				
02838		XA221	78			XA220	71			16B	9			AD28B3	01	AD15E8	01	4	TAD	F8		38A				
02551		XA221	79			XA220	61			16B	9			AD16Q0	02	AD15E7	01	1	TAD	F7		39B				
02759		XA221	80			XA220	73			16B	9			AD24P0	03	AD15E8	01	5	TAD	F8		39A				
09018		XA222	01											DNW	01					RR4						
11121		XA222	02											GND	01	GROUND				RR4						
21256		XA222	02			XA222	06			16B	9			21902G	01	GROUND				RR4						
00058		XA222	03			XA222	13			16B	9			+5RE1B	010					RR4	AP					
00059		XA222	04			XA234	04			16B	9			+5RE13	01					RR4	AP					
00747		XA222	05			XA226	10			16B	9			ABSEDB	04					RR4	A3					
21257		XA222	06			XA222	18			16B	9			21902G	02	GROUND				RR4	AC					
00759		XA222	07			XA216	27			16B	9			ABO0DB	04					RR4	A4					
00764		XA222	08			XA220	07			16B	9			AB01DB	02					RR4	A1					
00772		XA222	09			XA221	31			16B	9			AB02DB	03					RR4	A5					
00779		XA222	10			XA218	43			16B	9			AB03DB	02					RR4	A2					
09019		XA222	11											DNW	01					RR4						
00395		XA222	12											+5V	01					RR4						
00060		XA222	13			XA222	21			16B	9			+5RE1B	011					RR4	BP					
00061		XA222	14										M	+5RE1B						RR4	BP					
12705		XA222	15											DNW	01					RR4						
12706		XA222	16											DNW	01					RR4					KEYWAY	
00785		XA222	17			XA220	19			16B	9			AB04DB	01					RR4	B4				KEYWAY	
21258		XA222	18							16B	9			21902G	03	GROUND				RR4	BC					
00792		XA222	19			XA219	07			16B	9			AB05DB	01					RR4	B5					
00798		XA222	20			XA218	07			16B	9			AB06DB	01					RR4	B1					
00062		XA222	21			XA222	33			16B	9			+5RE1B	012					RR4	CP					
00063		XA222	22											+5RE1B						RR4	CP					
00805		XA222	23			XA217	43			16B	9			AB07DB	02					RR4	C3					
00811		XA222	24			XA220	31			16B	9			AB08DB	01					RR4	B3					
00818		XA222	25			XA219	19			16B	9			AB09DB	01					RR4	C4					
00824		XA222	26			XA218	19			16B	9			AB10DB	01					RR4	B2					
09020		XA222	27											DNW	01					RR4						
00396		XA222	28											+5V	01					RR4						
00831		XA222	29			XA217	55			16B	9			AB11DB	02					RR4	C5					
21259		XA222	30			XA222	32			16B	9			21932G	01	GROUND				RR4	CC					
09021		XA222	31											DNW	01					RR4						
11122		XA222	32											GND	01	GROUND				RR4						
21260		XA222	32							16B	9			21932G	02	GROUND				RR4						
00064		XA222	33			XA222	49			16B	9			+5RE1B	013					RR4	DP					
00065		XA222	34											+5RE1B						RR4	DP					
00837		XA222	35			XA219	31			16B	9			AB12DB	01					RR4	D3					
00844		XA222	36			XA218	31			16B	9			AB13DB	01					RR4	C1					
00850		XA222	37			XA217	31			16B	9			AB14DB	01					RR4	D4					
00857		XA222	38			XA220	55			16B	9			AB15DB	02					RR4	C2					
CONNECTOR		XA222	CONTINUED ON THE NEXT PAGE ****																							

DRAWING NUMBER 149012-880 CONNECTOR UNIT ASSEMBLY NO. 149012 REV E INDEX XA223
 UNIT ASSEMBLY NAME CARD CAGE ASSY CPU L.H. FILE IDENT T39B2CP1 DATE 09-03-82 PAGE 1127

RECORD NUMBER	FROM				TO				WIRE				SPEC. INSTR. MISC.	SIGNAL	SNO	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												
01873		XA223	55			XA219	53			168	9			AC27BQ	05	AD27GA	01	2	TQ2	E3		29B		
16510		XA223	56			XA223	64			168	9			SPA037	06	AD21TA	01	1	TQ2	D1		26A		
02827		XA223	57							168	9			AD27GA	02	AD27GA	03	1	TQ2	E3		30B	BIT 27 GENERATE-A	
11129		XA223	58											GND	01	GROUND			TQ2			27A		
00941		XA223	59			XA222	61			168	9			AB28DB	01	AD28GA	01	1	TQ2	E4		31B	ADDER AB INPUT -	
02805		XA223	60							168	9			AD26TA	02	AD26TA	03	1	TQ2	E2		28A	AD 26 EXCL. OR UN	
01902		XA223	61			XA218	53			168	9			AC28BQ	05	AD28GA	01	2	TQ2	E4		32B		
02793		XA223	62			XA216	42			168	9			AD26B5	03	AD26TA	01	2	TQ2	E2		29A		
02849		XA223	63							168	9			AD28GA	02	AD28GA	03	1	TQ2	E4		33B	BIT 28 GENERATE-A	
16511		XA223	64			XA223	70			168	9			SPA037	07	AD26TA	01	1	TQ2	E2		30A		
17698		XA223	65			XA223	76			168	9			SPI012	04		01	1	TQ2	F3		34B		
02487		XA223	66							168	9			AD14TA	02	AD14TA	00	1	TQ2	E1		31A	AD 14 EXCL. OR UN	
11130		XA223	67											GND	01	GROUND			TQ2			40A		
02474		XA223	68			XA220	56			168	9			AD14B5	02	AD14TA	01	2	TQ2	E1		32A		
20639		XA223	69											SPO	02		00	1	TQ2	F3		35A		
16512		XA223	70			XA224	11			168	9			SPA037	08	AD14TA	01	1	TQ2	E1		33A		
02082		XA223	71			XA212	75			168	9			ADZRC0	02	AKDM5A	01	2	TQ2	F2		36A		
02958		XA223	72							168	9			AKDM5A	02	AKDM5A	00	1	TQ2	F2		34A		
02963		XA223	73			XA211	78			168	9			AKD1BQ	01	AKDM5A	01	1	TQ2	F2		36B		
17717		XA223	74			XA223	78			168	9			SPI014	06		01	2	TQ2	F3		35B		
02898		XA223	75							168	9			AD31GA	02	AD31GA	03	1	TQ2	F1		37B	BIT 31 GENERATE-A	
17699		XA223	76			XA224	76			168	9			SPI012	05		01	1	TQ2	F4		37A		C06
01958		XA223	77			XA334	08			168	9			AC31BQ	02	AD31GA	01	2	TQ2	F1		38B		
17718		XA223	78			XA224	78			168	9			SPI014	07		01	2	TQ2	F4		38A		
00961		XA223	79			XA222	65			168	9			AB31D6	02	AD31GA	01	1	TQ2	F1		39B	ADDER AB INPJT -	
20640		XA223	80											SPO	01		00	1	TQ2	F4		39A		
02055		XA224	01							168	9			ADSX4A	02	ADSX4A	00	1	TQ2	A2		02B	SIGN COMPARE EX O	
11131		XA224	02											GND	01	GROUND			TQ2			01A		
01296		XA224	03			XA113	04			168	9			AC30C0	04	AD003A	01	1	TQ2	A3		02A		
02094		XA224	04			XA223	08			168	9			AD00B2	01	ADSX4A	01	1	TQ2	A2		04A		
02035		XA224	05			XA115	42			168	9			ADSETA	02	ADSX4A	01	2	TQ2	A2		03B		
02053		XA224	06							168	9			ADSX3A	02	ADSX3A	00	1	TQ2	A1		05A		
00756		XA224	07			XA219	43			168	9			AB00DB	01	AD00GA	01	2	TQ2	A3		03A	ADDER AB INPUT -	
02024		XA224	08			XA221	05			168	9			ADSEB5	02	ADSX3A	01	2	TQ2	A1		06A		
02105		XA224	09							168	9			AD00GA	03	AD00GA	00	1	TQ2	A3		04B	BIT 00 GENERATE -	
02117		XA224	10			XA223	06			168	9			AD00TA	03	ADSX3A	01	1	TQ2	A1		07A		
16513		XA224	11			XA224	17			168	9			SPA037	09	AD01GA	01	1	TQ2	A4		05B		
00399		XA224	12											+5V	01				TQ2					
02143		XA224	13							168	9			AD01B6	05	AD01GA	01	2	TQ2	A4		06B		
02600		XA224	14							168	9			AD18T0	02	AD18T0	00	1	TQ2	B2		09A	AD 18 EXCL. OR UN	
02147		XA224	15							168	9			AD01GA	02	AD01GA	00	1	TQ2	A4		07B	BIT 01 GENERATE -	
11132		XA224	16											GND	01	GROUND			TQ2			01B		
16514		XA224	17			XA234	37			168	9			SPA037	10	AD19G0	01	1	TQ2	B3		08B		
02597		XA224	18			XA223	14			168	9			AD18TA	01	AD18T0	01	2	TQ2	B2		10A		
02619		XA224	19			XA223	21			168	9			AD19GA	01	AD19G0	01	2	TQ2	B3		09B		
16517		XA224	20			XA224	23			168	9			SPA038	02	AD18T0	01	1	TQ2	B2		11A		
02625		XA224	21							168	9			AD19G0	03	AD19G0	00	1	TQ2	B3		10B	BIT 19 GENERATE	
02574		XA224	22							168	9			AD17T0	02	AD17T0	00	1	TQ2	B1		12A	AD 17 EXCL. OR UN	
CONNECTOR (XA224) CONTINUED ON THE NEXT PAGE ****																								

DRAWING NUMBER 149012-880 CONNECTOR UNIT ASSEMBLY NO. 149012 REV E INDEX XA224
 UNIT ASSEMBLY NAME CARD CAGE ASSY CPU L.H. FILE IDENT T39B2CP1 DATE 09-03-82 PAGE 128

RECORD NUMBER	FROM				TO				WIRE			SFC INST USE	SIGNAL	SEQ NO	EQUATION	TERM	FACTORS	CKT OF CHIP TYPE	GROUP	LOAD CP POWER PLANE	TEST POINTS AND/OR	SIGNAL DESCRIPTION	ECO NO
	PREFIX	CONNECTOR	PIN	23	PREFIX	CONNECTOR	PIN	23	MULTI GROUP	CODE	COLOR												
16518	XA224	23		XA224	26				168	9		SPA038	03	AD20P0	01	1	TQ2	B4		11B			
02571	XA224	24		XA223	22				168	9		AD17TA	01	AD17T0	01	2	TQ2	B1		13A			
02652	XA224	25							168	9		AD20PA	02	AD20P0	01	2	TQ2	B4		12B			
16519	XA224	26		XA224	31				168	9		SPA038	04	AD17T0	01	1	TQ2	B1		14A			
02653	XA224	27		XA220	75				168	9		AD20P0	01	AD20P0	00	1	TQ2	B4		13B	BIT 20-23 PROPOGA		
00400	XA224	28										+5V	01				TQ2						
02243	XA224	29		XA220	25				168	9		AD05B5	03	AD05TA	01	1	TQ2	C3		14B			
02211	XA224	30							168	9		AD03GA	02	AD03GA	00	1	TQ2	C2		15A	BIT 03 GENERATE -		
16520	XA224	31		XA224	35				168	9		SPA038	05	AD05TA	01	2	TQ2	C3		15B			
11133	XA224	32										GND	01	GROUND			TQ2			20B			
02253	XA224	33							168	9		AD05TA	02	AD05TA	00	1	TQ2	C3		16B	AD 05 EXCL. OR UN		
00778	XA224	34		XA222	10				168	9		AB03DB	01	AD03GA	01	2	TQ2	C2		16A	ADDER AB INPUT -		
16521	XA224	35		XA224	41				168	9		SPA038	06	AD06TA	01	1	TQ2	C4		17B			
01358	XA224	36		XA218	41				168	9		AC03BQ	04	AD03GA	01	1	TQ2	C2		17A			
02263	XA224	37		XA220	26				168	9		AD06B5	03	AD06TA	01	2	TQ2	C4		18B			
02184	XA224	38							168	9		AD02TA	02	AD02TA	00	1	TQ2	C1		18A	AD 02 EXCL. OR UN		
02275	XA224	39							168	9		AD06TA	02	AD06TA	00	1	TQ2	C4		19B	AD 06 EXCL. OR UN		
02174	XA224	40		XA221	34				168	9		AD02B5	04	AD02TA	01	2	TQ2	C1		19A			
16522	XA224	41		XA224	42				168	9		SPA038	07	AD23G0	01	1	TQ2	D3		22B			
16523	XA224	42		XA224	47				168	9		SPA038	08	AD02TA	01	1	TQ2	C1		20A			
02728	XA224	43		XA223	45				168	9		AD23GA	01	AD23G0	01	2	TQ2	D3		23B			
11134	XA224	44										GND	01	GROUND			TQ2			21B			
02731	XA224	45		XA214	51				168	9		AD23G0	02	AD23G0	00	1	TQ2	D3		24B	BIT 23 GENERATE -		
02709	XA224	46							168	9		AD22T0	02	AD22T0	00	1	TQ2	D2		21A	AD 22 EXCL. OR UN		
16524	XA224	47		XA224	50				168	9		SPA038	09	AD25T0	01	1	TQ2	D4		25B			
02706	XA224	48		XA223	46				168	9		AD22TA	01	AD22T0	01	2	TQ2	D2		22A			
02782	XA224	49		XA223	51				168	9		AD25TA	01	AD25T0	01	2	TQ2	D4		26B			
16525	XA224	50		XA234	39				168	9		SPA038	10	AD22T0	01	1	TQ2	D2		23A			
02785	XA224	51							168	9		AD25T0	02	AD25T0	00	1	TQ2	D4		27B	AD 25 EXCL. OR UN		
02683	XA224	52							168	9		AD21T0	02	AD21T0	00	1	TQ2	D1		24A	AD 21 EXCL. OR UN		
02804	XA224	53		XA223	60				168	9		AD26TA	01	AD26T0	01	1	TQ2	E3		28B			
02680	XA224	54		XA223	52				168	9		AD21TA	01	AD21T0	01	2	TQ2	D1		25A			
16527	XA224	55		XA224	56				168	9		SPA039	01	AD26T0	01	2	TQ2	E3		29B			
16528	XA224	56		XA224	61				168	9		SPA039	02	AD21T0	01	1	TQ2	D1		26A			
02807	XA224	57							168	9		AD26T0	02	AD26T0	00	1	TQ2	E3		30B	AD 26 EXCL. OR UN		
11135	XA224	58										GND	01	GROUND			TQ2			27A			
02826	XA224	59		XA223	57				168	9		AD27GA	01	AD27G0	01	1	TQ2	E4		31B			
02511	XA224	60							168	9		AD15GA	02	AD15GA	00	1	TQ2	E2		28A	BIT 15 GENERATE -		
16529	XA224	61		XA224	70				168	9		SPA039	03	AD27G0	01	2	TQ2	E4		32B			
01607	XA224	62		XA220	53				168	9		AC15BQ	05	AD15GA	01	2	TQ2	E2		29A			
02829	XA224	63		XA216	51				168	9		AD27G0	02	AD27G0	00	1	TQ2	E4		33B	BIT 27 GENERATE-O		
00856	XA224	64		XA222	38				168	9		AB150B	01	AD15GA	01	1	TQ2	E2		30A	ADDER AB INPUT -		
17700	XA224	65							168	9		C454G0	02	MC121A	01	1	TQ2	F3		34B		C06	
02461	XA224	66							168	9		AD13TA	02	AD13TA	00	1	TQ2	E1		31A	AD 13 EXCL. OR UN		
11136	XA224	67										GND	01	GROUND			TQ2			40A			
02450	XA224	68		XA220	49				168	9		AD13B5	02	AD13TA	01	2	TQ2	E1		32A			
20642	XA224	69		XA525	20				168	9		MC121A	02	MC121A	00	1	TQ2	F3		35A		C06	
16530	XA224	70		XA224	71				168	9		SPA039	04	AD13TA	01	1	TQ2	E1		33A			
16531	XA224	71		XA224	79				168	9		SPA039	05	AD31G0	01	2	TQ2	F2		36A			
02900	XA224	72							168	9		AD31G0	02	AD31G0	00	1	TQ2	F2		34A	BIT 31 GENERATE-O		
CONNECTOR		XA224	CONTINUED ON		THE NEXT PAGE		****																

DRAWING NUMBER 149012-880 CONNECTOR UNIT ASSEMBLY NO. 149012 REV E INDEX XA2224
 UNIT ASSEMBLY NAME CARD CAGE ASSY,CPU L.H. FILE IDENT T39B2CP1 DATE 09-03-82 PAGE 129

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	SPEC	PREFIX	CONNECTOR	PIN	OR FEG	MULTI GROUP	CODE	COLOR	IDENT											
02897		XA224	73			XA223	75			168	9		AD31GA	01	AD31G0	01	1	TQ2	F2		36B		
17701		XA224	74			XA501	21			168	9		MMA PCO	001	MC121A	01	2	TQ2	F3		35B	C06	
02851		XA224	75							168	9		AD28G0	02	AD28G0	00	1	TQ2	F1		37B	BIT 28 GENERATE-0	
17702		XA224	76			XA210	72			168	9		SPI012	08		01	1	TQ2	F4		37A		
02848		XA224	77			XA223	63			168	9		AD28GA	01	AD28G0	01	2	TQ2	F1		38B		
17719		XA224	78							168	9		SPI014	08		01	2	TQ2	F4		38A		
16532		XA224	79			XA225	03			168	9		SPA039	06	AD28G0	01	1	TQ2	F1		39B		
20644		XA224	80										SP0	01		00	1	TQ2	F4		39A		
02111		XA225	01			XA111	48			168	9		AD00LA	03	AD00LA	00	1	TQ2	A2		02B	ADDER BIT 00 CARR	
11137		XA225	02										GND	01	GRGUND			TQ2			01A		
16533		XA225	03			XA225	05			168	9		SPA039	07	AD00G0	01	1	TQ2	A3		02A		
02098		XA225	04			XA221	09			168	9		AD00B3	01	AD00LA	01	1	TQ2	A2		04A		
16534		XA225	05			XA225	08			168	9		SPA039	08	AD00LA	01	2	TQ2	A2		03B		
02034		XA225	06			XA224	05			168	9		ADSETA	01	ADSETA	00	1	TQ2	A1		05A	ADDER EXCL. OR -	
02104		XA225	07			XA224	09			168	9		AD00GA	02	AD00G0	01	2	TQ2	A3		03A		
16535		XA225	08			XA225	11			168	9		SPA039	09	ADSETA	01	2	TQ2	A1		06A		
02108		XA225	09							168	9		AD00G0	03	AD00G0	00	1	TQ2	A3		04B	BIT 00 GENERATE -	
02023		XA225	10			XA224	08			168	9		ADSEB5	01	ADSETA	01	1	TQ2	A1		07A		
16536		XA225	11			XA234	40			168	9		SPA039	10	AD00T0	01	1	TQ2	A4		05B		
00401		XA225	12										+5V	01				TQ2					
02116		XA225	13			XA224	10			168	9		AD00TA	02	AD00T0	01	2	TQ2	A4		06B		
02148		XA225	14			XA221	11			168	9		AD01L0	01	AD01L0	00	1	TQ2	B2		09A	BIT 01 - 02 GENER	
02124		XA225	15							168	9		AD00T0	05	AD00T0	00	1	TQ2	A4		07B	AD 00 EXCL. OR UN	
11138		XA225	16										GND	01	GROUND			TQ2			01B		
02152		XA225	17			XA223	15			168	9		AD01PA	01	AD01P0	01	1	TQ2	B3		08B		
02150		XA225	18			XA223	09			168	9		AD01MA	01	AD01L0	01	2	TQ2	B2		10A		
16538		XA225	19			XA225	25			168	9		SPA040	01	AD01P0	01	2	TQ2	B3		09B		
02146		XA225	20			XA224	15			168	9		AD01GA	01	AD01L0	01	1	TQ2	B2		11A		
02154		XA225	21			XA221	10			168	9		AD01P0	01	AD01P0	00	1	TQ2	B3		10B	BIT 01 - 02 PROPO	
02050		XA225	22			XA221	19			168	9		ADSX20	01	ADSX20	00	1	TQ2	B1		12A	SIGN COMPARE EX 0	
02157		XA225	23			XA223	01			168	9		AD01TA	01	AD01T0	01	1	TQ2	B4		11B		
02054		XA225	24			XA224	01			168	9		ADSX4A	01	ADSX20	01	2	TQ2	B1		13A		
16539		XA225	25			XA225	31			168	9		SPA040	02	AD01T0	01	2	TQ2	B4		12B		
02052		XA225	26			XA224	06			168	9		ADSX3A	01	ADSX20	01	1	TQ2	B1		14A		
02162		XA225	27			XA219	49			168	9		AD01T0	04	AD01T0	00	1	TQ2	B4		13B	AD 01 EXCL. OR UN	
00402		XA225	28										+5V	01				TQ2					
02232		XA225	29							168	9		AD04PA	02	AD04P0	01	1	TQ2	C3		14B		
02213		XA225	30							168	9		AD03G0	02	AD03G0	00	1	TQ2	C2		15A	BIT 03 GENERATE -	
16540		XA225	31			XA225	36			168	9		SPA040	03	AD04P0	01	2	TQ2	C3		15B		
11139		XA225	32										GND	01	GROUND			TQ2			20B		
02233		XA225	33			XA218	49			168	9		AD04P0	01	AD04P0	00	1	TQ2	C3		16B	BIT 04-07 PROPOGA	
02210		XA225	34			XA224	30			168	9		AD03GA	01	AD03G0	01	2	TQ2	C2		16A		
02252		XA225	35			XA224	33			168	9		AD05TA	01	AD05T0	01	1	TQ2	C4		17B		
16541		XA225	36			XA225	37			168	9		SPA040	04	AD03G0	01	1	TQ2	C2		17A		
16542		XA225	37			XA225	42			168	9		SPA040	05	AD05T0	01	2	TQ2	C4		18B		
02187		XA225	38							168	9		AD02T0	03	AD02T0	00	1	TQ2	C1		18A	AD 02 EXCL. OR UN	
02255		XA225	39							168	9		AD05T0	02	AD05T0	00	1	TQ2	C4		19B	AD 05 EXCL. OR UN	
02183		XA225	40			XA224	38			168	9		AD02TA	01	AD02T0	01	2	TQ2	C1		19A		
CONNECTOR (XA225) CONTINUED ON THE NEXT PAGE ****																							

DRAWING NUMBER 149012-880 CONNECTOR UNIT ASSEMBLY NO. 149012 REV E INDEX XA225
 UNIT ASSEMBLY NAME CARD CAGE ASSY.CPU L.H. FILE IDENT T39B2CP1 DATE 09-03-82 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	SN PR	PREFIX	CONNECTOR	PIN	SN PR	MULTI GROUP	CODE	COLOR											
02328		XA225	41							16B	9		AD08PA	02	AD08P0	01	1	TQ2	D3	22B		
16543		XA225	42		XA225	43				16B	9		SPA040	06	AD02T0	01	1	TQ2	C1	20A		
16544		XA225	43		XA225	49				16B	9		SPA040	07	AD08P0	01	2	TQ2	D3	23B		
11140		XA225	44										GND	01	GROUND			TQ2		21B		
02331		XA225	45		XA220	65				16B	9		AD08P0	03	AD08P0	00	1	TQ2	D3	24B	BIT 08-11 PROPOGA	
02302		XA225	46							16B	9		AD07G0	03	AD07G0	00	1	TQ2	D2	21A	BIT 07 GENERATE -	
02354		XA225	47		XA223	30				16B	9		AD09TA	01	AD09T0	01	1	TQ2	D4	25B		
02298		XA225	48		XA223	38				16B	9		AD07GA	01	AD07G0	01	2	TQ2	D2	22A		
16545		XA225	49		XA225	50				16B	9		SPA040	08	AD09T0	01	2	TQ2	D4	26B		
16546		XA225	50		XA225	55				16B	9		SPA040	09	AD07G0	01	1	TQ2	D2	23A		
02357		XA225	51							16B	9		AD09T0	02	AD09T0	00	1	TQ2	D4	27B	AD 09 EXCL. OR UN	
02277		XA225	52							16B	9		AD06T0	02	AD06T0	00	1	TQ2	D1	24A	AD 06 EXCL. OR UN	
02435		XA225	53							16B	9		AD12PA	02	AD12P0	01	1	TQ2	E3	28B		
02274		XA225	54		XA224	39				16B	9		AD06TA	01	AD06T0	01	2	TQ2	D1	25A		
16547		XA225	55		XA234	42				16B	9		SPA040	10	AD12P0	01	2	TQ2	E3	29B		
16558		XA225	56		XA225	59				16B	9		SPA043	01	AD06T0	01	1	TQ2	D1	26A		
02436		XA225	57		XA220	79				16B	9		AD12P0	01	AD12P0	00	1	TQ2	E3	30B	BIT 12-15 PROPOGA	
11141		XA225	58										GND	01	GROUND			TQ2		27A		
16559		XA225	59		XA225	64				16B	9		SPA043	02	AD13T0	01	1	TQ2	E4	31B		
02409		XA225	60		XA221	63				16B	9		AD11G0	02	AD11G0	00	1	TQ2	E2	28A	BIT 11 GENERATE -	
02460		XA225	61		XA224	66				16B	9		AD13TA	01	AD13T0	01	2	TQ2	E4	32B		
02406		XA225	62		XA223	39				16B	9		AD11GA	01	AD11G0	01	2	TQ2	E2	29A		
02463		XA225	63							16B	9		AD13T0	02	AD13T0	00	1	TQ2	E4	33B	AD 13 EXCL. OR UN	
16560		XA225	64		XA225	70				16B	9		SPA043	03	AD11G0	01	1	TQ2	E2	30A		
02543		XA225	65		XA225	76				16B	9		AD16PA	02	AD16P0	01	1	TQ2	F3	34B		
02381		XA225	66							16B	9		AD10T0	02	AD10T0	00	1	TQ2	E1	31A	AD 10 EXCL. OR UN	
11142		XA225	67										GND	01	GROUND			TQ2		40A		
02378		XA225	68		XA223	33				16B	9		AD10TA	01	AD10T0	01	2	TQ2	E1	32A		
02545		XA225	69		XA220	72				16B	9		AD16P0	01	AD16P0	00	1	TQ2	F3	35A	BIT 16-19 PROPOGA	
16561		XA225	70		XA225	73				16B	9		SPA043	04	AD10T0	01	1	TQ2	E1	33A		
02510		XA225	71		XA224	60				16B	9		AD15GA	01	AD15G0	01	2	TQ2	F2	36A		
02513		XA225	72		XA220	51				16B	9		AD15G0	02	AD15G0	00	1	TQ2	F2	34A	BIT 15 GENERATE -	
16562		XA225	73		XA225	74				16B	9		SPA043	05	AD15G0	01	1	TQ2	F2	36B		
16563		XA225	74		XA225	78				16B	9		SPA043	06	AD16P0	01	2	TQ2	F3	35B		
02489		XA225	75							16B	9		AD14T0	02	AD14T0	00	1	TQ2	F1	37B	AD 14 EXCL. OR UN	
02544		XA225	76							16B	9		AD16PA	03	AD16Q0	01	1	TQ2	F4	37A		
02486		XA225	77		XA223	66				16B	9		AD14TA	01	AD14T0	01	2	TQ2	F1	38B		
16564		XA225	78		XA225	79				16B	9		SPA043	07	AD16Q0	01	2	TQ2	F4	38A		
16565		XA225	79		XA226	03				16B	9		SPA043	08	AD14T0	01	1	TQ2	F1	39B		
02550		XA225	80		XA221	79				16B	9		AD16Q0	01	AD16Q0	00	1	TQ2	F4	39A	BIT 16-19 PROPOGA	
02048		XA226	01		XA221	21				16B	9		ADSXCO	01	ADSXCO	00	1	TQ2	A2	02B	SIGN COMPARE CARR	
11143		XA226	02										GND	01	GROUND			TQ2		01A		
16566		XA226	03		XA226	04				16B	9		SPA043	09	DAACCO	01	1	TQ2	A3	02A		
16567		XA226	04		XA234	46				16B	9		SPA043	10	ADSXCO	01	1	TQ2	A2	04A		
02047		XA226	05							16B	9		ADSXCA	02	ADSXCO	01	2	TQ2	A2	03B		
00742		XA226	06		XA111	46				16B	9		ABSECA	03	ABSECA	00	1	TQ2	A1	05A	ADDER AB INPUT -	
06802		XA226	07							16B	9		DAACCA	06	DAACCO	01	2	TQ2	A3	03A		
16569		XA226	08		XA226	11				16B	9		SPA044	01	ABSECA	01	2	TQ2	A1	06A		
CONNECTOR XA226 CONTINUED ON THE NEXT PAGE ****																						

DRAWING NUMBER 149012-880 CONNECTOR UNIT ASSEMBLY NO. 149012 REV E INDEX XA227
 UNIT ASSEMBLY NAME CARD CAGE ASSY,CPU L.H. FILE IDENT T39B2CP1 DATE 09-03-82 PAGE 133

RECORD NUMBER	FROM			SPTS	TO			MULTI GROUP	WIRE			SFC INST MISC	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		PREFIX	CONNECTOR	PIN		CODE	COLOR	IDENT												
09027		XA227	27									DNW	01					TD4					
00406		XA227	28									+5V	01					TD4					
09028		XA227	29									DNW	01					TD4					
02584		XA227	30		XA223	20		16B	9			AD18B5	01	AD16PA	01	3	TD4	C2		15A			
02535		XA227	31		XA215	62		16B	9			AD16L2	01	AD16PA	01	4	TD4	C2		15B			
11151		XA227	32									GND	01	GROUND			TD4			21B			
02542		XA227	33		XA225	65		16B	9			AD16PA	01	AD16PA	00	1	TD4	C2		16B		BIT 16-19 PROPOGA	
02560		XA227	34		XA223	24		16B	9			AD17B5	01	AD16PA	01	2	TD4	C2		16A			
02434		XA227	35		XA225	53		16B	9			AD12PA	01	AD12PA	03	1	TD4	C1		17B		BIT 12-15 PROPOGA	
02607		XA227	36		XA215	48		16B	9			AD19B2	02	AD16PA	01	1	TD4	C2		17A			
02428		XA227	37		XA220	48		16B	9			AD12L2	01	AD12PA	01	4	TD4	C1		18B			
02449		XA227	38		XA224	68		16B	9			AD13B5	01	AD12PA	01	3	TD4	C1		18A			
09029		XA227	39									DNW	01					TD4					
02473		XA227	40		XA223	68		16B	9			AD14B5	01	AD12PA	01	2	TD4	C1		19A			
09030		XA227	41									DNW	01					TD4					
02499		XA227	42					16B	9			AD15B2	03	AD12PA	01	1	TD4	C1		20A			
02746		XA227	43		XA216	48		16B	9			AD24L2	01	AD24PA	01	4	TD4	D2		23B			
11152		XA227	44									GND	01	GROUND			TD4			27A			
02755		XA227	45		XA223	25		16B	9			AD24PA	01	AD24PA	00	1	TD4	D2		24B		BIT 24-27 PROPOGA	
02771		XA227	46		XA223	47		16B	9			AD25B5	01	AD24PA	01	3	TD4	D2		21A			
02651		XA227	47		XA224	25		16B	9			AD20PA	01	AD20PA	03	1	TD4	D1		25B		BIT 20-23 PROPOGA	
02792		XA227	48		XA223	62		16B	9			AD26B5	02	AD24PA	01	2	TD4	D2		22A			
02643		XA227	49		XA214	48		16B	9			AD20L2	01	AD20PA	01	4	TD4	D1		26B			
02814		XA227	50		XA219	62		16B	9			AD27B2	02	AD24PA	01	1	TD4	D2		23A			
09031		XA227	51									DNW	01					TD4					
02694		XA227	52		XA223	50		16B	9			AD22B5	02	AD20PA	01	3	TD4	D1		24A			
09032		XA227	53									DNW	01					TD4					
02669		XA227	54		XA223	54		16B	9			AD21B5	01	AD20PA	01	2	TD4	D1		25A			
02161		XA227	55		XA225	27		16B	9			AD01T0	03	AL003A	01	4	TD4	E2		29B			
02716		XA227	56		XA214	62		16B	9			AD23B2	02	AD20PA	01	1	TD4	D1		26A			
03233		XA227	57									AL003A	02	AL003A	00	1	TD4	E2		30B		AL 00 CARRY FROM	
11153		XA227	58									GND	01	GROUND			TD4			40A			
03231		XA227	59					16B	9			AL002A	02	AL002A	00	1	TD4	E1		31B		AL 00 CARRY FROM	
02197		XA227	60		XA219	51		16B	9			AD03B3	01	AL003A	01	3	TD4	E2		28A			
00770		XA227	61		XA227	07		16B	9			AB02D8	01	AL002A	01	4	TD4	E1		32B		ADDER AB INPUT -	
02122		XA227	62		XA231	25		16B	9			AD00T0	03	AL003A	01	2	TD4	E2		29A			
09033		XA227	63									DNW	01					TD4					
02186		XA227	64		XA225	38		16B	9			AD02T0	02	AL003A	01	1	TD4	E2		30A			
09034		XA227	65									DNW	01					TD4					
01341		XA227	66		XA324	71		16B	9			AC02BQ	06	AL002A	01	3	TD4	E1		31A			
11154		XA227	67									GND	01	GROUND			TD4			40B			
02121		XA227	68		XA227	62		16B	9			AD00T0	02	AL002A	01	2	TD4	E1		32A			
06980		XA227	69		XA226	65		16B	9			DAATCA	01	DAATCA	00	1	TD4	F2		35A		AT TO DB CONTROL	
02160		XA227	70		XA227	55		16B	9			AD01T0	02	AL002A	01	1	TD4	E1		33A			
06081		XA227	71		XA210	61		16B	9			CMB7B0	04	DAATCA	01	2	TD4	F2		36A			
06066		XA227	72		XA231	75		16B	9			CMB8BQ	02	DAATCA	01	3	TD4	F2		34A			
06093		XA227	73		XA210	55		16B	9			CMB8BQ	04	DAATCA	01	1	TD4	F2		36B			
06645		XA227	74					16B	9			CQA7C0	02	DAATCA	01	4	TD4	F2		35B			
06069		XA227	75		XA210	43		16B	9			CMB8BQ	05	DAAGQA	01	3	TD4	F1		37B			
06927		XA227	76		XA226	73		16B	9			DAAGQA	02	DAAGQA	03	1	TD4	F1		37A		AG + AQ TO DB CON	
CONNECTOR XA227 CONTINUED ON THE NEXT PAGE ****																							

DRAWING NUMBER 149012-880 CONNECTOR UNIT ASSEMBLY NO. 149012 REV E INDEX XA227
 UNIT ASSEMBLY NAME CARD CAGE ASSY.CPU L.H. FILE IDENT T39B2CP1 DATE 09-03-82 PAGE 134

RECORD NUMBER	FROM				TO				WIRE			SIGNAL	SEQ NO	EQUATION	TERM	FACTOR	CKT OR CHIP TYPE	GND	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											
06080		XA227	77		XA227	71			16B	9		CMB7BQ	03	DAAGQA	01	2	TQ4	F1		38B		
06092		XA227	78		XA227	73			16B	9		CMB8BQ	03	DAAGQA	01	4	TQ4	F1		38A		
06639		XA227	79						16B	9		CQA7CA	02	DAAGQA	01	1	TQ4	F1		39B		
09035		XA227	80									DNW	01									
02224		XA228	01						16B	9		AD04CA	02	AD04CA	00	1	TQ2	A2		02B	ADDER SUM 04 - A	
11155		XA228	02								GND	01	GROUND							01A		
02238		XA228	03		XA219	04			16B	9		AD05B4	03	AD05CA	01	1	TQ2	A3		02A		
02216		XA228	04		XA220	20			16B	9		AD04B4	03	AD04CA	01	1	TQ2	A2		04A		
16582		XA228	05		XA228	07			16B	9		SPA045	03	AD04CA	01	2	TQ2	A2		03B		
02205		XA228	06						16B	9		AD03CA	02	AD03CA	00	1	TQ2	A1		05A	ADDER SUM 03 - A	
16583		XA228	07		XA228	08			16B	9		SPA045	04	AD05CA	01	2	TQ2	A3		03A		
16584		XA228	08		XA228	13			16B	9		SPA045	05	AD03CA	01	2	TQ2	A1		06A		
02251		XA228	09						16B	9		AD05CA	02	AD05CA	00	1	TQ2	A3		04B	ADDER SUM 05 - A	
02193		XA228	10		XA151	56			16B	9		AD03B1	04	AD03CA	01	1	TQ2	A1		07A		
02259		XA228	11		XA151	73			16B	9		AD06B4	04	AD06CA	01	1	TQ2	A4		05B		
00407		XA228	12									+5V	01									
16585		XA228	13		XA228	17			16B	9		SPA045	06	AD06CA	01	2	TQ2	A4		06B	ADDER SUM 12 - A	
02425		XA228	14						16B	9		AD12CA	02	AD12CA	00	1	TQ2	B2		09A		
02273		XA228	15						16B	9		AD06CA	02	AD06CA	00	1	TQ2	A4		07B	ADDER SUM 06 - A	
11156		XA228	16									GND	01	GROUND						01B		
16586		XA228	17		XA228	18			16B	9		SPA045	07	AD13CA	01	1	TQ2	B3		08B		
16587		XA228	18		XA228	23			16B	9		SPA045	08	AD12CA	01	2	TQ2	B2		10A		
02446		XA228	19		XA218	36			16B	9		AD13B4	03	AD13CA	01	2	TQ2	B3		09B		
02416		XA228	20		XA333	59			16B	9		AD12B4	02	AD12CA	01	1	TQ2	B2		11A		
02456		XA228	21						16B	9		AD13CA	02	AD13CA	00	1	TQ2	B3		10B	ADDER SUM 13 - A	
02401		XA228	22						16B	9		AD11CA	02	AD11CA	00	1	TQ2	B1		12A	ADDER SUM 11 - A	
16588		XA228	23		XA228	24			16B	9		SPA045	09	AD14CA	01	1	TQ2	B4		11B		
16589		XA228	24		XA234	45			16B	9		SPA045	10	AD11CA	01	2	TQ2	B1		13A		
02469		XA228	25		XA344	25			16B	9		AD14B4	02	AD14CA	01	2	TQ2	B4		12B		
02391		XA228	26		XA150	50			16B	9		AD11B1	04	AD11CA	01	1	TQ2	B1		14A		
02485		XA228	27						16B	9		AD14CA	02	AD14CA	00	1	TQ2	B4		13B	ADDER SUM 14 - A	
00408		XA228	28									+5V	01									
16591		XA228	29		XA228	34			16B	9		SPA046	01	AD21CA	01	1	TQ2	C3		14B		
02640		XA228	30						16B	9		AD20CA	02	AD20CA	00	1	TQ2	C2		15A	ADDER SUM 20 - A	
02665		XA228	31		XA333	31			16B	9		AD21B4	02	AD21CA	01	2	TQ2	C3		15B		
11157		XA228	32									GND	01	GROUND						20B		
02679		XA228	33						16B	9		AD21CA	02	AD21CA	00	1	TQ2	C3		16B	ADDER SUM 21 - A	
16592		XA228	34		XA228	35			16B	9		SPA046	02	AD20CA	01	2	TQ2	C2		16A		
16593		XA228	35		XA228	40			16B	9		SPA046	03	AD22CA	01	1	TQ2	C4		17B		
02631		XA228	36		XA333	35			16B	9		AD20B4	02	AD20CA	01	1	TQ2	C2		17A		
02689		XA228	37		XA333	34			16B	9		AD22B4	02	AD22CA	01	2	TQ2	C4		18B	ADDER SUM 19 - A	
02614		XA228	38						16B	9		AD19CA	02	AD19CA	00	1	TQ2	C1		18A	ADDER SUM 22 - A	
02705		XA228	39						16B	9		AD22CA	02	AD22CA	00	1	TQ2	C4		19B		
16594		XA228	40		XA228	41			16B	9		SPA046	04	AD19CA	01	2	TQ2	C1		19A		
16595		XA228	41		XA228	47			16B	9		SPA046	05	AD29CA	01	1	TQ2	D3		22B		
02602		XA228	42		XA333	56			16B	9		AD19B1	02	AD19CA	01	1	TQ2	C1		20A		
02853		XA228	43		XA333	03			16B	9		AD29B4	02	AD29CA	01	2	TQ2	D3		23B		
11158		XA228	44									GND	01	GROUND						21B		
CONNECTOR XA228 CONTINUED ON THE NEXT PAGE ***																						

DRAWING NUMBER 149012-880 CONNECTOR UNIT ASSEMBLY NO. 149012 REV E INDEX XA228
 UNIT ASSEMBLY NAME CARD CAGE ASSY,CPU L.H. FILE IDENT T39B2CP1 DATE 09-03-82 PAGE 135

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	SCO NO
	PREFIX	CONNECTOR	PIN	PREFIX	CONNECTOR	PIN	DRFG																	
02864		XA228	45					16B	9				AD29CA	02	AD29CA	00	1	TQ2	D3		24B	ADDER SUM 29 - A		
02847		XA228	46					16B	9				AD28CA	02	AD28CA	00	1	TQ2	D2		21A	ADDER SUM 28 - A		
16596		XA228	47		XA228	48		16B	9				SPA046	06	AD30CA	01	1	TQ2	D4		25B			
16597		XA228	48		XA228	54		16B	9				SPA046	07	AD28CA	01	2	TQ2	D2		22A			
02866		XA228	49		XA333	05		16B	9				AD30B4	02	AD30CA	01	2	TQ2	D4		26B			
02832		XA228	50		XA333	11		16B	9				AD2881	02	AD28CA	01	1	TQ2	D2		23A			
02879		XA228	51					16B	9				AD30CA	02	AD30CA	00	1	TQ2	D4		27B	ADDER SUM 30 - A		
02821		XA228	52					16B	9				AD27CA	02	AD27CA	00	1	TQ2	D1		24A	ADDER SUM 27 - A		
06091		XA228	53		XA227	78		16B	9				CMB8BQ	02	DAACCA	01	1	TQ2	E3		28B			
16598		XA228	54		XA228	62		16B	9				SPA046	08	AD27CA	01	2	TQ2	D1		25A			
06063		XA228	55		XA210	45		16B	9				CMB6BP	02	DAACCA	01	2	TQ2	E3		29B			
02809		XA228	56		XA333	26		16B	9				AD27B1	02	AD27CA	01	1	TQ2	D1		26A			
06801		XA228	57		XA226	07		16B	9				DAACCA	05	DAACCA	00	1	TQ2	E3		30B	AC TO DB CONTROL		
22638		XA228	58										GND		GROUND			TQ2			27A			
06062		XA228	59		XA228	55		16B	9				CMB6BP	01	DAAYCA	01	1	TQ2	E4		31B			
02084		XA228	60					16B	9				ADZRCO	04	ADZRCO	00	1	TQ2	E2		28A	ADDER SUM IS ZERO		
06079		XA228	61		XA227	77		16B	9				CMB7BQ	02	DAAYCA	01	2	TQ2	E4		32B			
16599		XA228	62		XA228	68		16B	9				SPA046	09	ADZRCO	01	2	TQ2	E2		29A			
07025		XA228	63		XA226	47		16B	9				DAAYCA	03	DAAYCA	00	1	TQ2	E4		33B	AY TO DB CONTROL		
02074		XA228	64		XA228	71		16B	9				ADZRCO	03	ADZRCO	01	1	TQ2	E2		30A			
05451		XA228	65		XA231	11		16B	9				AY248Q	03	AMFMLA	01	1	TQ2	F3		34B			
02892		XA228	66					16B	9				AD31CA	02	AD31CA	00	1	TQ2	E1		31A	ADDER SUM 31 - A		
11159		XA228	67										GND	01	GROUND			TQ2			40A			
16600		XA228	68		XA234	47		16B	9				SPA046	10	AD31CA	01	2	TQ2	E1		32A			
03255		XA228	69					16B	9				AMFMLA	02	AMFMLA	00	1	TQ2	F3		35A	FORMAT LEFT - A		
02881		XA228	70		XA333	08		16B	9				AD31B1	02	AD31CA	01	1	TQ2	E1		33A			
02075		XA228	71		XA230	76		16B	9				ADZRCO	04	ACC65A	01	2	TQ2	F2		36A			
01108		XA228	72					16B	9				ACC65A	02	ACC65A	00	1	TQ2	F2		34A	AC CLOCK CODE 6 D		
06609		XA228	73		XA229	73		16B	9				CQA3C0	02	ACC65A	01	1	TQ2	F2		36B			
06574		XA228	74		XA228	76		16B	9				CQA1C0	02	AMFMLA	01	2	TQ2	F3		35B			
01094		XA228	75					16B	9				ACC52A	02	ACC52A	00	1	TQ2	F1		37B	AC CLOCK CODE 5 D		
06575		XA228	76		XA132	25		16B	9				CQA1C0	03	AMFMRA	01	1	TQ2	F4		37A			
01259		XA228	77		XA242	35		16B	9				ACZRCO	02	ACC52A	01	2	TQ2	F1		38B			
05446		XA228	78		XA231	26		16B	9				AY248P	02	AMFMRA	01	2	TQ2	F4		38A			
06653		XA228	79					16B	9				CQA9C0	02	ACC52A	01	1	TQ2	F1		39B			
03259		XA228	80					16B	9				AMFMRA	02	AMFMRA	00	1	TQ2	F4		39A	FORMAT RIGHT - A		
02102		XA229	01					16B	9				AD00CA	02	AD00CA	00	1	TQ2	A2		02B	ADDER SUM 00 - A		
11160		XA229	02										GND	01	GROUND			TQ2			01A			
02132		XA229	03		XA151	19		16B	9				AD01B4	04	AD01CA	01	1	TQ2	A3		02A			
02092		XA229	04		XA151	13		16B	9				AD00B1	04	AD00CA	01	1	TQ2	A2		04A			
16602		XA229	05		XA229	07		16B	9				SPA047	01	AD00CA	01	2	TQ2	A2		03B			
02030		XA229	06		XA230	06		16B	9				ADSECA	02	ADSECA	00	1	TQ2	A1		05A	ADDER SUM SE - A		
16603		XA229	07		XA229	08		16B	9				SPA047	02	AD01CA	01	2	TQ2	A3		03A			
16604		XA229	08		XA229	11		16B	9				SPA047	03	ADSECA	01	2	TQ2	A1		06A			
02145		XA229	09					16B	9				AD01CA	02	AD01CA	00	1	TQ2	A3		04B	ADDER SUM 01 - A		
02020		XA229	10		XA350	10		16B	9				ADSER4	03	ADSECA	01	1	TQ2	A1		07A			
16605		XA229	11		XA229	17		16B	9				SPA047	04	AD02CA	01	1	TQ2	A4		05B			
05409		XA229	12										+5V	01				TQ2						
CONNECTOR (XA229) CONTINUED ON THE NEXT PAGE ****																								

DRAWING NUMBER 149012-880 CONNECTOR UNIT ASSEMBLY NO. 149012 REV E INDEX XA229
 UNIT ASSEMBLY NAME CARD CAGE ASSY,CPU L.H. FILE IDENT T39B2CP1 DATE 09-03-82 PAGE 136

RECORD NUMBER	FROM			TO			WIRE				SFC INST DISC	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	SR FC	SR FC	GROUP	CODE												
02169		XA229	13						16B	9			AD02B4	04	AD02CA	01	2	TQ2	A4		06B	
02319		XA229	14						16B	9			AD08CA	02	AD08CA	00	1	TQ2	B2		09A	ADDER SUM 08 - A
02182		XA229	15						16B	9			AD02CA	02	AD02CA	00	1	TQ2	A4		07B	ADDER SUM 02 - A
02164		XA229	16										GND		GROUND			TQ2			01B	
16606		XA229	17		XA229	18			16B	9			SPA047	05	AD09CA	01	1	TQ2	B3		08B	
16607		XA229	18		XA229	23			16B	9			SPA047	06	AD08CA	01	2	TQ2	B2		10A	
02339		XA229	19		XA333	74			16B	9			AD09B4	02	AD09CA	01	2	TQ2	B3		09B	
02311		XA229	20		XA220	36			16B	9			AD08B4	03	AD08CA	01	1	TQ2	B2		11A	
02353		XA229	21						16B	9			AD09CA	02	AD09CA	00	1	TQ2	B3		10B	ADDER SUM 09 - A
02293		XA229	22						16B	9			AD07CA	02	AD07CA	00	1	TQ2	B1		12A	ADDER SUM 07 - A
16608		XA229	23		XA229	26			16B	9			SPA047	07	AD10CA	01	1	TQ2	B4		11B	
02283		XA229	24		XA150	04			16B	9			AD07B1	04	AD07CA	01	2	TQ2	B1		13A	
02361		XA229	25		XA333	71			16B	9			AD10B4	02	AD10CA	01	2	TQ2	B4		12B	
16609		XA229	26		XA229	29			16B	9			SPA047	08	AD07CA	01	1	TQ2	B1		14A	
02377		XA229	27						16B	9			AD10CA	02	AD10CA	00	1	TQ2	R4		13B	ADDER SUM 10 - A
00410		XA229	28										+5V	01				TQ2				
16610		XA229	29		XA229	34			16B	9			SPA047	09	AD17CA	01	1	TQ2	C3		14B	
02531		XA229	30						16B	9			AD16CA	00	AD16CA	00	1	TQ2	C2		15A	ADDER SUM 16 - A
02556		XA229	31		XA333	41			16B	9			AD17B4	02	AD17CA	01	2	TQ2	C3		15B	
11162		XA229	32										GND	01	GROUND			TQ2			20B	
02570		XA229	33						16B	9			AD17CA	02	AD17CA	00	1	TQ2	C3		16B	ADDER SUM 17 - A
16611		XA229	34		XA234	48			16B	9			SPA047	10	AD16CA	01	2	TQ2	C2		16A	
16613		XA229	35		XA229	40			16B	9			SPA048	01	AD18CA	01	1	TQ2	C4		17B	
02523		XA229	36		XA217	04			16B	9			AD16B4	03	AD16CA	01	1	TQ2	C2		17A	
02580		XA229	37		XA333	48			16B	9			AD18B4	02	AD18CA	01	2	TQ2	C4		18B	
02505		XA229	38						16B	9			AD15CA	02	AD15CA	00	1	TQ2	C1		18A	ADDER SUM 15 - A
02596		XA229	39						16B	9			AD18CA	02	AD18CA	00	1	TQ2	C4		19B	ADDER SUM 18 - A
16614		XA229	40		XA229	41			16B	9			SPA048	02	AD15CA	01	2	TQ2	C1		19A	
16615		XA229	41		XA229	47			16B	9			SPA048	03	AD25CA	01	1	TQ2	D3		22B	
02494		XA229	42		XA220	64			16B	9			AD15B1	03	AD15CA	01	1	TQ2	C1		20A	
02767		XA229	43		XA333	17			16B	9			AD25B4	02	AD25CA	01	2	TQ2	D3		23F	
11165		XA229	44										GND	01	GROUND			TQ2			21B	
02781		XA229	45						16B	9			AD25CA	02	AD25CA	00	1	TQ2	D3		24B	ADDER SUM 25 - A
02743		XA229	46						16B	9			AD24CA	02	AD24CA	00	1	TQ2	D2		21A	ADDER SUM 24 - A
16616		XA229	47		XA229	48			16B	9			SPA048	04	AD26CA	01	1	TQ2	D4		25B	
16617		XA229	48		XA229	54			16B	9			SPA048	05	AD24CA	01	2	TQ2	D2		22A	
02787		XA229	49		XA333	18			16B	9			AD26B4	02	AD26CA	01	2	TQ2	D4		26B	
02734		XA229	50		XA333	25			16B	9			AD24B4	02	AD24CA	01	1	TQ2	D2		23A	
02803		XA229	51						16B	9			AD26CA	02	AD26CA	00	1	TQ2	D4		27B	ADDER SUM 26 - A
02723		XA229	52						16B	9			AD23CA	02	AD23CA	00	1	TQ2	D1		24A	ADDER SUM 23 - A
02065		XA229	53						16B	9			ADZ03A	02	ADZ030	01	1	TQ2	E3		28B	
16618		XA229	54		XA229	55			16B	9			SPA048	06	AD23CA	01	2	TQ2	D1		25A	
16619		XA229	55		XA229	61			16B	9			SPA048	07	ADZ030	01	2	TQ2	E3		29B	
02711		XA229	56		XA333	40			16B	9			AD23B1	02	AD23CA	01	1	TQ2	D1		26A	
02067		XA229	57						16B	9			ADZ030	02	ADZ030	00	1	TQ2	E3		30B	ADDER SUM ZERO DC
11164		XA229	58										GND	01	GROUND			TQ2			27A	
02069		XA229	59						16B	9			ADZ04A	02	ADZ040	01	1	TQ2	E4		31B	
02063		XA229	60						16B	9			ADZ020	02	ADZ020	00	1	TQ2	E2		28A	ADDER SUM ZERO DC
16620		XA229	61		XA229	64			16B	9			SPA048	08	ADZ040	01	2	TQ2	E4		32B	
02061		XA229	62						16B	9			ADZD2A	02	ADZD20	01	2	TQ2	E2		29A	
CONNECTOR (XA229) CONTINUED ON THE NEXT PAGE ****																						

DRAWING NUMBER 149012-880 CONNECTOR UNIT ASSEMBLY NO. 149012 REV E INDEX XA229
 UNIT ASSEMBLY NAME CARD CAGE ASSY,CPU L.H. FILE IDENT T39B2CP1 DATE 09-03-82 PAGE 137

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	PREFIX	CONNECTOR	PIN	MULTI GROUP	CODE	COLOR												
02071		XA229	63					16B	9		ADZD40	02	ADZD40	00	1	TQ2	E4		33B	ADDER SUM ZERO DC	
16621		XA229	64		XA229	70		16B	9		SPA048	09	ADZD20	01	1	TQ2	E2		30A		
03304		XA229	65		XA231	45		16B	9		AMSNC0	02	AMSND4	01	1	TQ2	F3		34B		
02059		XA229	66					16B	9		ADZD10	02	ADZD10	00	1	TQ2	E1		31A	ADDER SUM ZERO DC	
11165		XA229	67								GND	01	GRGUND			TQ2			40A		
02057		XA229	68					16B	9		ADZD1A	02	ADZD10	01	2	TQ2	E1		32A		
03312		XA229	69					16B	9		AMSND4	05	AMSND4	00	1	TQ2	F3		35A	SHIFT AND COUNT D	
16622		XA229	70		XA234	52		16B	9		SPA048	10	ADZD10	01	1	TQ2	E1		33A		
01215		XA229	71		XA213	48		16B	9		ACCSEBP	05	ACC64A	01	2	TQ2	F2		36A		
01106		XA229	72					16B	9		ACC64A	02	ACC64A	00	1	TQ2	F2		34A	AC CLOCK CODE 6 D	
06610		XA229	73		XA245	10		16B	9		CQA3C0	03	ACC64A	01	1	TQ2	F2		36B		
16624		XA229	74		XA230	64		16B	9		SPA049	01	AMSND4	01	2	TQ2	F3		35B		
01092		XA229	75					16B	9		ACC510	02	ACC510	00	1	TQ2	F1		37B	AC CLOCK CODE 5 D	
17725		XA229	76		XA231	14		16B	9		SPI015	06		01	1	TQ2	F4		37A		
01096		XA229	77					16B	9		ACC53A	02	ACC510	01	2	TQ2	F1		38B		
17733		XA229	78		XA231	17		16B	9		SPI016	03		01	2	TQ2	F4		38A		
01093		XA229	79		XA228	75		16B	9		ACC52A	01	ACC510	01	1	TQ2	F1		39B		
20646		XA229	80								SPO	01		00	1	TQ2	F4		39A		
02101		XA230	01		XA229	01		16B	9		AD00CA	01	ADZD1A	01	6	TS8	A1		02B		
11166		XA230	02								GND	01	GROUND			TS8			01A		
09036		XA230	03								DNW	01				TS8					
02250		XA230	04		XA228	09		16B	9		AD05CA	01	ADZD1A	01	4	TS8	A1		04A		
02144		XA230	05		XA229	09		16B	9		AD01CA	01	ADZD1A	01	5	TS8	A1		03B		
02031		XA230	06					16B	9		ADSECA	03	ADZD1A	01	3	TS8	A1		05A		
02223		XA230	07		XA228	01		16B	9		AD04CA	01	ADZD1A	01	7	TS8	A1		03A		
02181		XA230	08		XA229	15		16B	9		AD02CA	01	ADZD1A	01	2	TS8	A1		06A		
09037		XA230	09								DNW	01				TS8					
02272		XA230	10		XA228	15		16B	9		AD06CA	01	ADZD1A	01	1	TS8	A1		07A		
02056		XA230	11		XA229	68		16B	9		ADZD1A	01	ADZD1A	00	1	TS8	A1		05B	ADDER SUM ZERO DC	
00411		XA230	12								+5V	01				TS8					
02204		XA230	13		XA228	06		16B	9		AD03CA	01	ADZD1A	01	8	TS8	A1		06B		
02318		XA230	14		XA229	14		16B	9		AD08CA	01	ADZD2A	01	6	TS8	B1		09A		
09038		XA230	15								DNW	01				TS8					
11167		XA230	16								GND	01	GROUND			TS8			21B		
09039		XA230	17								DNW	01				TS8					
02352		XA230	18		XA229	21		16B	9		AD09CA	01	ADZD2A	01	5	TS8	B1		10A		
02424		XA230	19		XA228	14		16B	9		AD12CA	01	ADZD2A	01	7	TS8	B1		09B		
02458		XA230	20		XA228	21		16B	9		AD13CA	01	ADZD2A	01	4	TS8	B1		11A		
09040		XA230	21								DNW	01				TS8					
02292		XA230	22		XA229	22		16B	9		AD07CA	01	ADZD2A	01	3	TS8	B1		12A		
02060		XA230	23		XA229	62		16B	9		ADZD2A	01	ADZD2A	00	1	TS8	B1		11B	ADDER SUM ZERO DC	
02376		XA230	24		XA229	27		16B	9		AD10CA	01	ADZD2A	01	2	TS8	B1		13A		
02400		XA230	25		XA228	22		16B	9		AD11CA	01	ADZD2A	01	8	TS8	B1		12B		
02484		XA230	26		XA228	27		16B	9		AD14CA	01	ADZD2A	01	1	TS8	B1		14A		
09041		XA230	27								DNW	01				TS8					
00412		XA230	28								+5V	01				TS8					
09042		XA230	29								DNW	01				TS8					
02530		XA230	30		XA229	30		16B	9		AD16CA	01	ADZD3A	01	6	TS8	C1		15A		
CONNECTOR (XA230) CONTINUED ON THE NEXT PAGE ****																					

DRAWING NUMBER 149012-880 CONNECTOR UNIT ASSEMBLY NO. 149012 REV E INDEX XA230
 UNIT ASSEMBLY NAME CARD CAGE ASSY,CPU L.H. FILE IDENT T39B2CP1 DATE 09-03-82 PAGE 138

RECORD NUMBER	FROM				TO				WIRE				SIGNAL	SEQ NO	EQUATION	TERM	FACTOR	CKT OR CHIP TYPE	GHOM	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											
02639		XA230	31							16B	9		AD20CA	01	ADZD3A	01	7	TS8	C1		19B		
11168		XA230	32		XA228	30							GND	01	GROUND	01		TS8			27A		
09043		XA230	33										DNW	01				TS8					
02569		XA230	34		XA229	33				16B	9		AD17CA	01	ADZD3A	01	5	TS8	C1		16A		
02064		XA230	35		XA229	53				16B	9		ADZD3A	01	ADZD3A	00	1	TS8	C1		17B	ADDER SUM ZERO DC	
02678		XA230	36		XA228	33				16B	9		AD21CA	01	ADZD3A	01	4	TS8	C1		17A		
02613		XA230	37		XA228	38				16B	9		AD19CA	01	ADZD3A	01	8	TS8	C1		18B		
02504		XA230	38		XA229	38				16B	9		AD15CA	01	ADZD3A	01	3	TS8	C1		18A		
09044		XA230	39										DNW	01				TS8					
02595		XA230	40		XA229	39				16B	9		AD18CA	01	ADZD3A	01	2	TS8	C1		19A		
09045		XA230	41										DNW	01				TS8					
02704		XA230	42		XA228	39				16B	9		AD22CA	01	ADZD3A	01	1	TS8	C1		20A		
02846		XA230	43		XA228	46				16B	9		AD28CA	01	ADZD4A	01	7	TS8	D1		23B		
11169		XA230	44										GND	01	GROUND	01		TS8			40A		
09046		XA230	45										DNW	01				TS8					
02742		XA230	46		XA229	46				16B	9		AD24CA	01	ADZD4A	01	6	TS8	D1		21A		
02068		XA230	47		XA229	59				16B	9		ADZD4A	01	ADZD4A	00	1	TS8	D1		25B	ADDER SUM ZERO DC	
02780		XA230	48		XA229	45				16B	9		AD25CA	01	ADZD4A	01	5	TS8	D1		22A		
02820		XA230	49		XA228	52				16B	9		AD27CA	01	ADZD4A	01	8	TS8	D1		26B		
02863		XA230	50		XA228	45				16B	9		AD29CA	01	ADZD4A	01	4	TS8	D1		23A		
09047		XA230	51										DNW	01				TS8					
02722		XA230	52		XA229	52				16B	9		AD23CA	01	ADZD4A	01	3	TS8	D1		24A		
09048		XA230	53										DNW	01				TS8					
02802		XA230	54		XA229	51				16B	9		AD26CA	01	ADZD4A	01	2	TS8	D1		25A		
01102		XA230	55							16B	9		ACC62A	02	ACC610	01	7	TS8	E1		29B		
02878		XA230	56		XA228	51				16B	9		AD30CA	01	ADZD4A	01	1	TS8	D1		26A		
09049		XA230	57										DNW	01				TS8					
11170		XA230	58										GND	01	GROUND	01		TS8					
01100		XA230	59							16B	9		ACC610	02	ACC610	00	1	TS8	E1		31B	AC CLOCK CODE 6 D	
01104		XA230	60							16B	9		ACC63A	02	ACC610	01	6	TS8	E1		28A		
01107		XA230	61		XA228	72				16B	9		ACC65A	01	ACC610	01	8	TS8	E1		32B		
01110		XA230	62							16B	9		ACC66A	02	ACC610	01	5	TS8	E1		29A		
09050		XA230	63										DNW	01				TS8					
16625		XA230	64		XA234	54				16B	9		SPA049	02	ACC610	01	4	TS8	E1		30A		
09051		XA230	65										DNW	01				TS8					
16635		XA230	66		XA230	75				16B	9		SPA050	01	ACC610	01	3	TS8	E1		31A		
11171		XA230	67										GND	01	GROUND	01		TS8					
01112		XA230	68							16B	9		ACC67A	02	ACC610	01	2	TS8	E1		32A		
09052		XA230	69										DNW	01				TS8					
01105		XA230	70		XA229	72				16B	9		ACC64A	01	ACC610	01	1	TS8	E1		33A		
02070		XA230	71		XA229	63				16B	9		ADZD40	01	ADZRC A	01	5	TS8	F1		36A		
02062		XA230	72		XA229	60				16B	9		ADZD20	01	ADZRC A	01	6	TS8	F1		34A		
02066		XA230	73		XA229	57				16B	9		ADZD30	01	ADZRC A	01	4	TS8	F1		36B		
02891		XA230	74		XA228	66				16B	9		AD31CA	01	ADZRC A	01	7	TS8	F1		35B		
16636		XA230	75		XA234	51				16B	9		SPA050	02	ADZRC A	01	3	TS8	F1		37B		
02076		XA230	76							16B	9		ADZRC A	05	ADZRC A	00	1	TS8	F1		37A	ADDER SUM IS ZERO	
16646		XA230	77		XA234	53				16B	9		SPA051	01	ADZRC A	01	2	TS8	F1		38B		
02058		XA230	78		XA229	66				16B	9		ADZD10	01	ADZRC A	01	8	TS8	F1		38A		
16657		XA230	79		XA234	55				16B	9		SPA052	01	ADZRC A	01	1	TS8	F1		39B		
09053		XA230	80										DNW	01				TS8					

DRAWING NUMBER 149012-880 CONNECTOR UNIT ASSEMBLY NO. 149012 REV E INDEX XA231
 UNIT ASSEMBLY NAME CARD CAGE ASSY,CPU L.H. FILE IDENT T39B2CP1 DATE 09-03-82 PAGE 139

RECORD NUMBER	FROM		TO		WIRE		MULTI GROUP	CODE	COLR	IDENT	SPEC INST	SIGNAL	SEC NO	EQUATION	TERM	FACTOR	CHT OR CHIP TYPE	GROUP	LOAD OR POWER PLANE	TEST POINTS AND/OR	SIGNAL DESCRIPTION	SEC NO	
	PREFIX	CONNECTOR	PIN	SEL	PREFIX	CONNECTOR																	PIN
06598		XA231	01					16B	9			CQA2D0	05	AMSF AA	01	2	TT3	A2					
11172		XA231	02			XA136	37					GND	01	GROUN D			TT3						
06561		XA231	03			XA231	48					16B	9	CQA0CA	05	AMSF AA	01	3	TT3	A2			
03269		XA231	04									16B	9	AMNMZA	04	AMNMZA	00	1	TT3	A1			
05425		XA231	05			XA137	23					16B	9	AY23BP	03	AMSF AA	01	1	TT3	A2		NORMALIZE DECODE	
05424		XA231	06			XA231	05					16B	9	AY23BP	02	AMNMZA	01	3	TT3	A1			
03291		XA231	07			XA130	61					16B	9	AMSF AA	02	AMSF AA	00	1	TT3	A2		SHIFT FULL ALGBC	
05372		XA231	08			XA137	13					16B	9	AY21BQ	03	AMNMZA	01	2	TT3	A1			
06597		XA231	09			XA231	01					16B	9	CQA2D0	04	AMSNLA	01	1	TT3	A3			
06596		XA231	10			XA231	09					16B	9	CQA2D0	03	AMNMZA	01	1	TT3	A1			
05452		XA231	11			XA137	19					16B	9	AY24BQ	04	AMSNLA	01	2	TT3	A3			
00413		XA231	12											+5V	01			TT3					
05368		XA231	13			XA137	11					16B	9	AY21BP	04	AMSNLA	01	3	TT3	A3			
17726		XA231	14			XA234	29					16B	9	SPIO15	07		01	2	TT3	B2			
03317		XA231	15			XA131	14					16B	9	AMSNLA	03	AMSNLA	01	1	TT3	A3		SHIFT NORMAL LEFT	
11173		XA231	16											GND	01	GROUN D			TT3				
17734		XA231	17			XA234	30					16B	9	SPIO16	04		01	3	TT3	B2			
17741		XA231	18			XA234	38					16B	9	SPIO17	01		01	1	TT3	B2			
20648		XA231	19											SPO	01		00	1	TT3	B2			
03328		XA231	20									16B	9	AMSNRA	03	AMSNRA	00	1	TT3	B1			
01317		XA231	21			XA220	03					16B	9	ACC01BQ	04	AL001A	01	1	TT3	B3		SHIFT NORMAL RIGH	
06595		XA231	22			XA231	10					16B	9	CQA2D0	02	AMSNRA	01	3	TT3	B1			
00763		XA231	23			XA222	08					16B	9	AB01DB	01	AL001A	01	2	TT3	B3		ADDER AB INPUT -	
05367		XA231	24			XA231	13					16B	9	AY21BP	03	AMSNRA	01	2	TT3	B1			
02123		XA231	25			XA225	15					16B	9	AD00T0	04	AL001A	01	3	TT3	B3			
05447		XA231	26			XA137	21					16B	9	AY24BP	03	AMSNRA	01	1	TT3	B1			
05229		XA231	27									16B	9	AL001A	02	AL001A	00	1	TT3	B3		AL 00 CARRY FROM	
00414		XA231	28											+5V	01			TT3					
03296		XA231	29			XA130	42					16B	9	AMSNCA	02	ACC53A	01	3	TT3	C2		14B	
06586		XA231	30			XA227	13					16B	9	CQA2CO	02	ACC53A	01	2	TT3	C2		15A	
01095		XA231	31			XA229	77					16B	9	ACC53A	01	ACC53A	00	1	TT3	C2		15B	
22639		XA231	32											GND		GROUN D			TT3			27A	
05865		XA231	33			XA211	21					16B	9	CMA3BP	07	ACC5CA	01	1	TT3	C3		16B	
05391		XA231	34			XA140	77					16B	9	AY22BP	03	ACC53A	01	1	TT3	C2		16A	
05891		XA231	35			XA227	10					16B	9	CMA4BP	06	ACC5CA	01	2	TT3	C3		17B	
01199		XA231	36									16B	9	ACRHCA	03	ACRHCA	00	1	TT3	C1		17A	
01091		XA231	37			XA229	75					16B	9	ACC510	01	ACC5CA	01	3	TT3	C3		18B	
05850		XA231	38			XA211	23					16B	9	CMA2BP	05	ACRHCA	01	3	TT3	C1		18A	
01090		XA231	39									16B	9	ACC5CA	02	ACC5CA	00	1	TT3	C3		19B	
03390		XA231	40									16B	9	AM03CO	11	ACRHCA	01	2	TT3	C1		19A	
03306		XA231	41			XA130	38					16B	9	AMSNCO	04	ACC62A	01	3	TT3	D2		22B	
05883		XA231	42			XA231	66					16B	9	CMA4BP	05	ACRHCA	01	1	TT3	C1		20A	
01101		XA231	43			XA230	55					16B	9	ACC62A	01	ACC62A	00	1	TT3	D2		23B	
04220		XA231	44											GND		GROUN D			TT3			40A	
03305		XA231	45			XA231	41					16B	9	AMSNCO	03	ACC63A	01	1	TT3	D3		24B	
03935		XA231	46			XA244	50					16B	9	AQ00BP	06	ACC62A	01	2	TT3	D2		21A	
04211		XA231	47									16B	9	AQ16BP	05	ACC63A	01	2	TT3	D3		25B	
06562		XA231	48									16B	9	CQA0CA	06	ACC62A	01	1	TT3	D2		22A	
06570		XA231	49									16B	9	CQA0CO	04	ACC63A	01	3	TT3	D3		26B	
01080		XA231	50									16B	9	ACCP2A	06	ACCP2A	00	1	TT3	D1		23A	
		CONNECTOR	XA231			CONTINUED ON THE NEXT PAGE ****																	

DRAWING NUMBER 149012-880 CONNECTOR UNIT ASSEMBLY NO. 149012 REV E INDEX XA231
 UNIT ASSEMBLY NAME CARD CAGE ASSY,CPU L.H. FILE IDENT T39B2CP1 DATE 09-03-82 PAGE 140

RECORD NUMBER	FROM			TO			WIRE			SPEC. USE	SIGNAL	SEQ NO	EQUATION	TERM	FACTOR	CKT OR CHP TYPE	GROUP	LOAD OR POWER PLANE	TEST POINTS AND/OR	SIGNAL DESCRIPTION	ESD NO	
	PREFIX	CONNECTOR	PIN	PREFIX	CONNECTOR	PIN	SH 72	MULTI-GROUP	CODE													COLOR
01103		XA231	51		XA230	60			16B	9		ACC63A	01	ACC63A	00	1	TT3	D3		27B	AC CLOCK CODE 6 0	
05833		XA231	52		XA211	09			16B	9		CMA1CP	06	ACCP2A	01	3	TT3	D1		24A		
04477		XA231	53		XA123	61			16B	9		AQ31BQ	02	ACC66A	01	3	TT3	E2		28B		
01082		XA231	54						16B	9		ACCP30	02	ACCP2A	01	2	TT3	D1		25A		
01109		XA231	55		XA230	62			16B	9		ACC66A	01	ACC66A	00	1	TT3	E2		29B	AC CLOCK CODE 6 0	
05853		XA231	56		XA211	25			16B	9		CMA2BQ	02	ACCP2A	01	1	TT3	D1		26A		
04473		XA231	57		XA116	45			16B	9		AQ31BP	02	ACC67A	01	1	TT3	E3		30B		
04470		XA231	58									GND		GROUND			TT3			40B		
06623		XA231	59		XA231	62			16B	9		CQA4C0	03	ACC67A	01	2	TT3	E3		31B		
03239		XA231	60						16B	9		AL32BP	04	ACC66A	01	2	TT3	E2		28A		
03245		XA231	61						16B	9		AL32BQ	06	ACC67A	01	3	TT3	E3		32B		
06624		XA231	62						16B	9		CQA4C0	04	ACC66A	01	1	TT3	E2		29A		
01111		XA231	63		XA230	68			16B	9		ACC67A	01	ACC67A	00	1	TT3	E3		33B	AC CLOCK CODE 6 0	
01098		XA231	64						16B	9		ACC6CA	02	ACC6CA	00	1	TT3	E1		30A	AC CLOCK CODE 6 0	
06075		XA231	65		XA231	76			16B	9		CMB7BP	01	DAAGAA	01	3	TT3	F2		34B		
05884		XA231	66		XA211	35			16B	9		CMA4BP	06	ACC6CA	01	3	TT3	E1		31A		
11174		XA231	67									GND	01	GROUND			TT3					
05872		XA231	68		XA227	08			16B	9		CMA3BQ	06	ACC6CA	01	2	TT3	E1		32A		
06068		XA231	69		XA227	75			16B	9		CMB6BQ	04	DAAGAA	01	1	TT3	F3		35A		
01099		XA231	70		XA230	59			16B	9		ACC610	01	ACC6CA	01	1	TT3	E1		33A		
06065		XA231	71		XA227	72			16B	9		CMB6BQ	01	DAAGAA	01	1	TT3	F2		36A		
06090		XA231	72		XA228	53			16B	9		CMB8BQ	01	DAAGAA	01	2	TT3	F2		34A		
06844		XA231	73		XA226	13			16B	9		DAADCA	05	DAADCA	00	1	TT3	F1		36B	AD TO DB CONTROL	
06883		XA231	74		XA226	77			16B	9		DAAGAA	01	DAAGAA	00	1	TT3	F2		35B	AG TO DB CONTROL	
06067		XA231	75		XA231	69			16B	9		CMB6BQ	03	DAADCA	01	3	TT3	F1		37B		
06076		XA231	76		XA210	59			16B	9		CMB7BP	02	DAAGAA	01	2	TT3	F3		37A		
06087		XA231	77		XA231	78			16B	9		CMB8BP	01	DAADCA	01	2	TT3	F1		38B		
06088		XA231	78		XA210	57			16B	9		CMB8BP	02	DAAGAA	01	3	TT3	F3		38A		
06078		XA231	79		XA228	61			16B	9		CMB7BQ	01	DAADCA	01	1	TT3	F1		39B		
06937		XA231	80		XA226	71			16B	9		DAAGAA	01	DAAGAA	00	1	TT3	F3		39A	AQ TO DB CONTROL	
19083		XA232	01									SPP	01									
11175		XA232	02									GND	01	GROUND								
19084		XA232	03									SPP	01									
19085		XA232	04									SPP	01									
19086		XA232	05									SPP	01									
19087		XA232	06									SPP	01									
19088		XA232	07									SPP	01									
19089		XA232	08									SPP	01									
19090		XA232	09									SPP	01									
19091		XA232	10									SPP	01									
19092		XA232	11									SPP	01									
00415		XA232	12									+5V	01									
19093		XA232	13									SPP	01									
19094		XA232	14									SPP	01									
19095		XA232	15									SPP	01									
11176		XA232	16									GND	01	GROUND								
19096		XA232	17									SPP	01									
19097		XA232	18									SPP	01									
CONNECTOR		XA232	CONTINUED ON THE NEXT PAGE ****																			

DRAWING NUMBER 149012-880 CONNECTOR UNIT ASSEMBLY NO. 149012 REV E INDEX XA232
 UNIT ASSEMBLY NAME CARD CAGE ASSY,CPU L.H. FILE IDENT T39B2CP1 DATE 09-03-82 PAGE 141

RECORD NUMBER	FROM			TO			WIRE				SIGNAL	SFG 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											
19093		XA232	19								SPP	01									
19099		XA232	20								SPP	01									
19100		XA232	21								SPP	01									
19101		XA232	22								SPP	01									
19102		XA232	23								SPP	01									
19103		XA232	24								SPP	01									
19104		XA232	25								SPP	01									
19105		XA232	26								SPP	01									
19106		XA232	27								SPP	01									
00416		XA232	28								+5V	01									
19107		XA232	29								SPP	01									
19108		XA232	30								SPP	01									
19109		XA232	31								SPP	01									
11177		XA232	32								GND	01	GROUND								
19110		XA232	33								SPP	01									
19111		XA232	34								SPP	01									
19112		XA232	35								SPP	01									
19113		XA232	36								SPP	01									
19114		XA232	37								SPP	01									
19115		XA232	38								SPP	01									
19116		XA232	39								SPP	01									
19117		XA232	40								SPP	01									
19118		XA232	41								SPP	01									
19119		XA232	42								SPP	01									
19120		XA232	43								SPP	01									
11178		XA232	44								GND	01	GROUND								
19121		XA232	45								SPP	01									
19122		XA232	46								SPP	01									
19123		XA232	47								SPP	01									
19124		XA232	48								SPP	01									
19125		XA232	49								SPP	01									
19126		XA232	50								SPP	01									
19127		XA232	51								SPP	01									
19128		XA232	52								SPP	01									
19129		XA232	53								SPP	01									
19130		XA232	54								SPP	01									
19131		XA232	55								SPP	01									
19132		XA232	56								SPP	01									
19133		XA232	57								SPP	01									
11179		XA232	58								GND	01	GROUND								
19134		XA232	59								SPP	01									
19135		XA232	60								SPP	01									
19136		XA232	61								SPP	01									
19137		XA232	62								SPP	01									
19138		XA232	63								SPP	01									
19139		XA232	64								SPP	01									
19140		XA232	65								SPP	01									
19141		XA232	66								SPP	01									
11180		XA232	67								GND	01	GROUND								
19142		XA232	68								SPP	01									
CONNECTOR (XA232) CONTINUED ON THE NEXT PAGE ****																					

DRAWING NUMBER 149012-880 CONNECTOR UNIT ASSEMBLY NO. 149012 REV E INDEX XA232
 UNIT ASSEMBLY NAME CARD CAGE ASSY CPU L.H. FILE IDENT T39B2CP1 DATE 09-03-82 PAGE 142

RECORD NUMBER	FROM				TO				WIRE				SIGNAL	SEQ NO	EQUATION	TERM	FACTOR	CKT OR CHIP TYPE	CHECK	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											
19143		XA232	69										SPP	01									
19144		XA232	70										SPP	01									
19145		XA232	71										SPP	01									
19146		XA232	72										SPP	01									
19147		XA232	73										SPP	01									
19148		XA232	74										SPP	01									
19149		XA232	75										SPP	01									
19150		XA232	76										SPP	01									
19151		XA232	77										SPP	01									
19152		XA232	78										SPP	01									
19153		XA232	79										SPP	01									
19154		XA232	80										SPP	01									
19155		XA233	01										SPP	01									
11181		XA233	02										GND	01	GRUND								
19156		XA233	03										SPP	01									
19157		XA233	04										SPP	01									
19158		XA233	05										SPP	01									
19159		XA233	06										SPP	01									
19160		XA233	07										SPP	01									
19161		XA233	08										SPP	01									
19162		XA233	09										SPP	01									
19163		XA233	10										SPP	01									
19164		XA233	11										SPP	01									
00417		XA233	12										+5V	01									
19165		XA233	13										SPP	01									
19166		XA233	14										SPP	01									
19167		XA233	15										SPP	01									
11182		XA233	16										GND	01	GRUND								
19168		XA233	17										SPP	01									
19169		XA233	18										SPP	01									
19170		XA233	19										SPP	01									
19171		XA233	20										SPP	01									
19172		XA233	21										SPP	01									
19173		XA233	22										SPP	01									
19174		XA233	23										SPP	01									
19175		XA233	24										SPP	01									
19176		XA233	25										SPP	01									
19177		XA233	26										SPP	01									
19178		XA233	27										SPP	01									
00418		XA233	28										+5V	01									
19179		XA233	29										SPP	01									
19180		XA233	30										SPP	01									
19181		XA233	31										SPP	01									
11183		XA233	32										GND	01	GRUND								
19182		XA233	33										SPP	01									
19183		XA233	34										SPP	01									
19184		XA233	35										SPP	01									
19185		XA233	36										SPP	01									
CONNECTOR XA233 CONTINUED ON THE NEXT PAGE ****																							

DRAWING NUMBER 149012-880 CONNECTOR UNIT ASSEMBLY NO. 149012 REV E INDEX XA233
 UNIT ASSEMBLY NAME CARD CAGE ASSY,CPU L.H. FILE IDENT T39B2CP1 DATE 09-03-82 PAGE 143

RECORD NUMBER	FROM				TO				WIRE				SIGNAL	SNO	EQUATION	TERM	FACTOR	CKT OR CHIP TYPE	GROUP	LOAD OR POWER PLANE	TEST POINTS AND/OR	SIGNAL DESCRIPTION	SNO		
	PREFIX	CONNECTOR	PIN	SH TS	PREFIX	CONNECTOR	PIN	SH TS	MULTI GROUP	CODE	COLOR	IDENT												SPEC INST MISC	
19186		XA233	37										SPP	01											
19187		XA233	38										SPP	01											
19188		XA233	39										SPP	01											
19189		XA233	40										SPP	01											
19190		XA233	41										SPP	01											
19191		XA233	42										SPP	01											
19192		XA233	43										SPP	01											
11184		XA233	44										GND	01	GROUND										
19193		XA233	45										SPP	01											
19194		XA233	46										SPP	01											
19195		XA233	47										SPP	01											
19196		XA233	48										SPP	01											
19197		XA233	49										SPP	01											
19198		XA233	50										SPP	01											
19199		XA233	51										SPP	01											
19200		XA233	52										SPP	01											
19201		XA233	53										SPP	01											
19202		XA233	54										SPP	01											
19203		XA233	55										SPP	01											
19204		XA233	56										SPP	01											
19205		XA233	57										SPP	01											
11185		XA233	58										GND	01	GROUND										
19206		XA233	59										SPP	01											
19207		XA233	60										SPP	01											
19208		XA233	61										SPP	01											
19209		XA233	62										SPP	01											
19210		XA233	63										SPP	01											
19211		XA233	64										SPP	01											
19212		XA233	65										SPP	01											
19213		XA233	66										SPP	01											
11186		XA233	67										GND	01	GROUND										
19214		XA233	68										SPP	01											
19215		XA233	69										SPP	01											
19216		XA233	70										SPP	01											
19217		XA233	71										SPP	01											
19218		XA233	72										SPP	01											
19219		XA233	73										SPP	01											
19220		XA233	74										SPP	01											
19221		XA233	75										SPP	01											
19222		XA233	76										SPP	01											
19223		XA233	77										SPP	01											
19224		XA233	78										SPP	01											
19225		XA233	79										SPP	01											
19226		XA233	80										SPP	01											
09054		XA234	01										DNW	01											
11187		XA234	02										GND	01	GROUND										
00074		XA234	03			XA135	79			16B	9		+5RE1B	025								RR1	AP		
00075		XA234	04							16B	9		+5RE13	02									RR1	AP	
CONNECTOR (XA234) CONTINUED ON THE NEXT PAGE ****																									

DRAWING NUMBER 149012-880 CONNECTOR UNIT ASSEMBLY NO. 149012 REV E INDEX XA234
 UNIT ASSEMBLY NAME CARD CAGE ASSY,CPU L.H. FILE IDENT T39B2CP1 DATE 09-03-82 PAGE 144

DRAWING NUMBER 149012-880 CONNECTOR UNIT ASSEMBLY NO. 149012 REV E INDEX XA234
 UNIT ASSEMBLY NAME CARD CAGE ASSY,CPU L.H. FILE IDENT T39B2CP1 DATE 09-03-82 PAGE 144

RECORD NUMBER	FROM			TO			WIRE				SIGNAL	SEQ NO	EQUATION	TERM	FACTOR	CKT OR CHIP TYPE	GROUP	LOAD CP POWER PLANE	TEST POINTS AND/OR	SIGNAL DESCRIPTION	EQO NO
	PREFIX	CONNECTOR	PIN	PREFIX	CONNECTOR	PIN	SH PG	MULTI GROUP	CODE	COLOR											
20513		XA234	05									SPR	01			RR1	A1				
20641		XA234	06									SPR	02			RR1	A2				
20643		XA234	07									SPR	02			RR1	A3				
20645		XA234	08									SPR	02			RR1	A4				
20647		XA234	09									SPR	02			RR1	A5				
20649		XA234	10									SPR	02			RR1	A6				
09055		XA234	11									DNW	01			RR1					
09056		XA234	12									+5V	01			RR1					
00076		XA234	13		XA234	03			16B	9		+5RE1B	024			RR1	BP			+5RE1B	B02
00077		XA234	14									SPF				RR1	BP			KEYWAY	C05
12709		XA234	15									DNW	01			RR1				KEYWAY	C05
11188		XA234	16									DNW	01			RR1				KEYWAY	C05
20650		XA234	17									SPR	01			RR1	B1				
20652		XA234	18									SPR	01			RR1	B2				
20654		XA234	19									SPR	01			RR1	B3				
20656		XA234	20									SPR	01			RR1	B4				
00078		XA234	21		XA234	13			16B	9		+5RE1B	023			RR1	CP			+5RE1B	B02
00079		XA234	22									SPF				RR1	CP				
20662		XA234	23									SPR	01			RR1	C1				
20658		XA234	24									SPR	01			RR1	B5				
20664		XA234	25									SPR	01			RR1	C2				
20660		XA234	26									SPR	01			RR1	B6				
12710		XA234	27									DNW	01			RR1				KEYWAY	C05
09057		XA234	28									DNW	01			RR1				KEYWAY	C05
17727		XA234	29		XA235	30			16B	9		SPI015	08			RR1	C3				
17735		XA234	30		XA235	31			16B	9		SPI016	05			RR1	C4				
09058		XA234	31									DNW	01			RR1					
11189		XA234	32									GND	01	GROUND		RR1					
00080		XA234	33		XA234	21			16B	9		+5RE1B	022			RR1	DP				
00081		XA234	34									SPF				RR1	DP			+5RE1B	B02
20514		XA234	35									SPR	01			RR1	D1				
17748		XA234	36		XA235	36			16B	9		SPI018	01			RR1	C6				
16515		XA234	37						16B	9		SPA037	11			RR1	D2				
17742		XA234	38		XA235	34			16B	9		SPI017	02			RR1	C5				
16526		XA234	39						16B	9		SPA038	11			RR1	D3				
16537		XA234	40						16B	9		SPA039	11			RF1	D4				
16579		XA234	41						16B	9		SPA044	11			RR1	E1				
16548		XA234	42						16B	9		SPA040	11			RR1	D5				
09059		XA234	43									DNW	01			RR1					
11190		XA234	44									GND	01	GROUND		RR1					
16590		XA234	45						16B	9		SPA045	11			RR1	E2				
16568		XA234	46						16B	9		SPA043	11			RR1	D6				
16601		XA234	47						16B	9		SPA046	11			RR1	E3				
16612		XA234	48						16B	9		SPA047	11			RR1	E4				
00082		XA234	49		XA234	33			16B	9		+5RE1B	021			RR1	EP				
00083		XA234	50									SPF				RR1	EP			+5RE1B	B02
16637		XA234	51		XA235	72			16B	9		SPA050	03			RR1	F1				
16623		XA234	52						16B	9		SPA048	11			RR1	E5				
16647		XA234	53		XA236	41			16B	9		SPA051	02			RR1	F2				
16626		XA234	54		XA235	70			16B	9		SPA049	03			RR1	E6				
CONNECTOR		XA234	CONTINUED ON THE NEXT PAGE ****																		

DRAWING NUMBER 149012-880 CONNECTOR UNIT ASSEMBLY NO. 149012 REV E INDEX XA234
 UNIT ASSEMBLY NAME CARD CAGE ASSY,CPU L.H. FILE IDENT T39B2CP1 DATE 09-03-82 PAGE 145

RECORD NUMBER	FROM				TO				WIRE				SIGNAL	SFD NO	EQUATION	TERM	FACTOR	CKT OR CHIP TYPE	GROUP	LOAD OR POWER PLANE	TEST POINTS AND OR	SIGNAL DESCRIPTION	ECO NO
	PREFIX	CONNECTOR	PIN	SEALS	PREFIX	CONNECTOR	PIN	REF	MULTI GROUP	CODE	COLOR	IDENT											
16658		XA234	55			XA236	52			16B	9		SPA052	02				RR1	F3				
16666		XA234	56			XA237	36			16B	9		SPA053	01				RR1	F4				
09060		XA234	57										DNW	01				RR1					
11191		XA234	58									GND	01	GRGUND				RR1					
00084		XA234	59			XA234	49			16B	9		+5RE1B	020				RR1	FP				
00085		XA234	60									SPF						RR1	FP			+5RE1B B02	
16701		XA234	61			XA238	36			16B	9		SPA056	01				RR1	G1				
16679		XA234	62			XA237	39			16B	9		SPA054	01				RR1	F5				
16712		XA234	63			XA239	04			16B	9		SPA057	01				RR1	G2				
16690		XA234	64			XA238	27			16B	9		SPA055	01				RR1	F6				
16723		XA234	65			XA239	05			16B	9		SPA058	01				RR1	G3				
16734		XA234	66			XA239	66			16B	9		SPA059	01				RR1	G4				
11192		XA234	67										GND	01	GROUND			RR1					
09061		XA234	68									DNW	01				RR1						
00086		XA234	69			XA234	59			16B	9		+5RE1B	019				RR1	GP				
00087		XA234	70									SPF						RR1	GP			+5RE1B B02	
16767		XA234	71			XA242	34			16B	9		SPA062	01				RR1	H1				
16745		XA234	72			XA239	68			16B	9		SPA060	01				RR1	G5				
16778		XA234	73			XA243	76			16B	9		SPA063	01				RR1	H2				
16756		XA234	74			XA241	79			16B	9		SPA061	01				RR1	G6				
16789		XA234	75			XA244	47			16B	9		SPA064	01				RR1	H3				
16797		XA234	76			XA244	76			16B	9		SPA065	01				RR1	H4				
20515		XA234	77									SPR	01					RR1	H5				
20516		XA234	78									SPR	01					RR1	H6				
00088		XA234	79			XA234	69			16B	9		+5RE1B	018				RR1	HP				
00089		XA234	80			XA342	04			16B	9		+5RE14	02				RR1	HP				
01088		XA235	01							16B	9		ACCP4A	06	ACCPFA	01 3	TD4	A2			02B		
11193		XA235	02									GND	01	GROUND		TD4					01A		
09062		XA235	03									DNW	01			TD4							
05768		XA235	04			XA235	06			16B	9		CLOCKB	22	ACCPFA	01 1	TD4	A2			04A		
01074		XA235	05							16B	9		ACCP1A	06	ACCPFA	01 2	TD4	A2			03B		
05769		XA235	06							16B	9		CLOCKB	23	ACCPEA	01 3	TD4	A1			05A		
01075		XA235	07			XA235	13			16B	9		ACCP2A	01	ACCPFA	01 4	TD4	A2			03A		
01087		XA235	08			XA235	01			16B	9		ACCP4A	05	ACCPEA	01 2	TD4	A1			06A		
01034		XA235	09			XA237	01			16B	9		ACCPFA	02	ACCPDB	02 1	TD4	A2			04B	AC GATED CLOCK GA	
01050		XA235	09									J	ACCPFA	01	ACCPFA	00 1	TD4	A2			04B	ACCPDB BUSS	
01073		XA235	10			XA235	05			16B	9		ACCP1A	05	ACCPEA	01 1	TD4	A1			07A		
01033		XA235	11			XA235	09			16B	9		ACCPEA	01	ACCPDB	01 1	TD4	A1			05B	AC GATED CLOCK GA	
01049		XA235	11									J	ACCPEA	01	ACCPEA	00 1	TD4	A1			05B	ACCPDB BUSS	
00419		XA235	12									+5V	01			TD4							
01076		XA235	13			XA235	19			16B	9		ACCP2A	02	ACCPEA	01 4	TD4	A1			06B		
05767		XA235	14			XA235	04			16B	9		CLOCKB	21	ACCPJA	01 3	TD4	B2			09A		
09065		XA235	15									DNW	01			TD4							
11194		XA235	16									GND	01	GROUND		TD4					20B		
09064		XA235	17									DNW	01			TD4							
01086		XA235	18			XA235	08			16B	9		ACCP4A	04	ACCPJA	01 2	TD4	B2			10A		
01077		XA235	19			XA235	25			16B	9		ACCP2A	03	ACCPJA	01 4	TD4	B2			09B		
01072		XA235	20			XA235	10			16B	9		ACCP1A	04	ACCPJA	01 1	TD4	B2			11A		
CONNECTOR (XA235) CCNTINUED ON THE NEXT PAGE ****																							

DRAWING NUMBER 149012-880 CONNECTOR UNIT ASSEMBLY NO. 149012 REV E INDEX XA235
 UNIT ASSEMBLY NAME CARD CAGE ASSY,CPU L.H. FILE IDENT T39B2CP1 DATE 09-03-82 PAGE 146

RECORD NUMBER	FROM				TO				WIRE				SIGNAL	SFC NO	EQUATION	TERM	FACTOR	CKT OR CHIP TYPE	GND	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												
01052		XA235	21			XA236	01			16B	9		P	ACCPJA	02	ACCPGB	02	1	TD4	B2	10B	AC GATED CLOCK GA		
01068		XA235	21										J	ACCPJA	01	ACCPJA	00	1	TD4	B2	10B	ACCPGB BUSS		
05766		XA235	22			XA235	14			16B	9			CLOCKB	20	ACCPHA	01	3	TD4	B1	12A			
01051		XA235	23			XA235	21			16B	9		P	ACCPHA	01	ACCPGB	01	1	TD4	B1	11B	AC GATED CLOCK GA		
01067		XA235	23										J	ACCPHA	01	ACCPHA	00	1	TD4	B1	11B	ACCPGB BUSS		
01085		XA235	24			XA235	18			16B	9			ACCP4A	03	ACCPHA	01	2	TD4	B1	13A			
01078		XA235	25			XA235	38			16B	9			ACCP2A	04	ACCPHA	01	4	TD4	B1	12B			
01071		XA235	26			XA235	20			16B	9			ACCP1A	03	ACCPHA	01	1	TD4	B1	14A			
09065		XA235	27											DNW	01				TD4					
00420		XA235	28											+5V	01				TD4					
09066		XA235	29											DNW	01				TD4					
17728		XA235	30			XA236	65			16B	9			SPIO15	09		01	3	TD4	C2	15A			
17736		XA235	31			XA236	71			16B	9			SPIO16	06		01	4	TD4	C2	15B			
11195		XA235	32											GND	01	GROUND			TD4		21B			
20651		XA235	33											SPO	02		00	1	TD4	C2	16B			
17743		XA235	34			XA236	72			16B	9			SPIO17	03		01	2	TD4	C2	16A			
01030		XA235	35			XA236	60			16B	9			ACCPCA	04	ACCPCA	00	1	TD4	C1	17B	AC GATED CLOCK GA		
17749		XA235	36			XA236	73			16B	9			SPIO18	02		01	1	TD4	C2	17A			
05765		XA235	37			XA235	22			16B	9			CLOCKB	19	ACCPCA	01	4	TD4	C1	18B			
01079		XA235	38			XA231	50			16B	9			ACCP2A	05	ACCPCA	01	3	TD4	C1	18A			
09067		XA235	39											DNW	01				TD4					
01084		XA235	40			XA235	24			16B	9			ACCP4A	02	ACCPCA	01	2	TD4	C1	19A			
09068		XA235	41											DNW	01				TD4					
01070		XA235	42			XA235	26			16B	9			ACCP1A	02	ACCPCA	01	1	TD4	C1	20A			
01257		XA235	43							16B	9			ACZD40	03	ACZ1CA	01	4	TD4	D2	23B			
22640		XA235	44											GND		GROUND			TD4		27A			
01265		XA235	45							16B	9			ACZ1CA	02	ACZ1CA	00	1	TD4	D2	24B	AC IS ZERO/ONE -		
01242		XA235	46							16B	9			ACZD10	03	ACZ1CA	01	3	TD4	D2	21A			
01192		XA235	47							16B	9			ACMTCA	04	ACMTCA	00	1	TD4	D1	25B	MTH SIGN EXTEND C		
01247		XA235	48							16B	9			ACZD20	03	ACZ1CA	01	2	TD4	D2	22A			
06649		XA235	49							16B	9			CQ8C0	02	ACMTCA	01	4	TD4	D1	26B			
01252		XA235	50							16B	9			ACZD30	03	ACZ1CA	01	1	TD4	D2	23A			
09069		XA235	51											DNW	01				TD4					
03410		XA235	52							16B	9			AM03E0	10	ACMTCA	01	3	TD4	D1	24A			
09070		XA235	53											DNW	01				TD4					
03375		XA235	54							16B	9			AM02C0	06	ACMTCA	01	2	TD4	D1	25A			
02103		XA235	55			XA225	07			16B	9			AD00GA	01	AL00C0	01	4	TD4	E2	29B			
05882		XA235	56			XA231	42			16B	9			CMA4BP	04	ACMTCA	01	1	TD4	D1	26A			
03223		XA235	57			XA212	60			16B	9			AL00C0	04	AL00C0	00	1	TD4	E1	30B	AL 00 CARRY OUT -		
11196		XA235	58											GND	01	GROUND			TD4		40A			
01081		XA235	59			XA231	54			16B	9			ACCP30	01	ACCP30	00	1	TD4	E1	31B	CNDTNLY DISABLE A		
03228		XA235	60			XA231	27			16B	9			AL001A	01	AL00C0	01	3	TD4	E2	28A			
01089		XA235	61			XA231	39			16B	9			ACC5CA	01	ACCP30	01	4	TD4	E1	32B			
03232		XA235	62			XA227	57			16B	9			AL003A	01	AL00C0	01	2	TD4	E2	29A			
09071		XA235	63											DNW	01				TD4					
03230		XA235	64			XA227	59			16B	9			AL002A	01	AL00C0	01	1	TD4	E2	30A			
09072		XA235	65											DNW	01				TD4					
01113		XA235	66			XA227	11			16B	9			ACC7CA	01	ACCP30	01	3	TD4	E1	31A			
11197		XA235	67											GND	01	GROUND			TD4		40B			
01097		XA235	68			XA231	64			16B	9			ACC6CA	01	ACCP30	01	2	TD4	E1	32A			
CONNECTOR (XA235) CONTINUED ON THE NEXT PAGE ****																								

DRAWING NUMBER 149012-880 CONNECTOR UNIT ASSEMBLY NO. 149012 REV E INDEX XA235
 UNIT ASSEMBLY NAME CARD CAGE ASSY,CPU L.H. FILE IDENT T39B2CP1 DATE 09-03-82 PAGE 146

RECORD NUMBER	FROM			SMT	TO			MULTI GROUP	WIRE			SPEC INST MISC	SIGNAL	SEQ NO	EQUATION	TERM	FACTOR	CKT OR CHIP TYPE	SHOW	LOAD OR POWER PLANE	TEST POINTS AND OR	SIGNAL DESCRIPTION	ECO NO
	PREFIX	CONNECTOR	PIN		PREFIX	CONNECTOR	PIN		DI	CODE	COLOR												
01052		XA235	21			XA236	01		168	9		P	ACCPJA	02	ACCPGB	02	1	TD4	B2	10B	AC GATED CLOCK GA		
01068		XA235	21									J	ACCPJA	01	ACCPJA	00	1	TD4	B2	10B	ACCPGB BUSS		
05766		XA235	22			XA235	14		168	9			CLKCK8	20	ACCPHA	01	3	TD4	B1	12A			
01051		XA235	23			XA235	21		168	9		P	ACCPHA	01	ACCPGB	01	1	TD4	B1	11B	AC GATED CLOCK GA		
01067		XA235	23									J	ACCPHA	01	ACCPHA	00	1	TD4	B1	11B	ACCPGB BUSS		
01085		XA235	24			XA235	18		168	9			ACCP4A	03	ACCPHA	01	2	TD4	B1	13A			
01078		XA235	25			XA235	38		168	9			ACCP2A	04	ACCPHA	01	4	TD4	B1	12B			
01071		XA235	26			XA235	20		168	9			ACCP1A	03	ACCPHA	01	1	TD4	B1	14A			
09065		XA235	27										DNW	01				TD4					
00420		XA235	28										+5V	01				TD4					
09066		XA235	29										DNW	01				TD4					
17728		XA235	30			XA236	65		168	9			SPI015	09		01	3	TD4	C2	15A			
17736		XA235	31			XA236	71		168	9			SPI016	06		01	4	TD4	C2	15B			
11195		XA235	32										GND	01	GROUND			TD4		21B			
20651		XA235	33										SPO	02		00	1	TD4	C2	16B			
17743		XA235	34			XA236	72		168	9			SPI017	03		00	2	TD4	C2	16A			
01030		XA235	35			XA236	60		168	9			ACCPCA	04	ACCPCA	00	1	TD4	C1	17B	AC GATED CLOCK GA		
17749		XA235	36			XA236	73		168	9			SPI018	02		01	1	TD4	C2	17A			
05765		XA235	37			XA235	22		168	9			CLKCK8	19	ACCPCA	01	4	TD4	C1	18B			
01079		XA235	38			XA231	50		168	9			ACCP2A	05	ACCPCA	01	3	TD4	C1	18A			
09067		XA235	39										DNW	01				TD4					
01084		XA235	40			XA235	24		168	9			ACCP4A	02	ACCPCA	01	2	TD4	C1	19A			
09068		XA235	41										DNW	01				TD4					
01070		XA235	42			XA235	26		168	9			ACCP1A	02	ACCPCA	01	1	TD4	C1	20A			
01257		XA235	43						168	9			ACZD40	03	ACZ1CA	01	4	TD4	D2	23B			
22640		XA235	44										GND		GROUND			TD4		27A			
01269		XA235	45						168	9			ACZ1CA	02	ACZ1CA	00	1	TD4	D2	24B	AC IS ZERO/ONE -		
01242		XA235	46						168	9			ACZD10	03	ACZ1CA	01	3	TD4	D2	21A			
01192		XA235	47						168	9			ACMTCA	04	ACMTCA	00	1	TD4	D1	25B	MTH SIGN EXTEND C		
01247		XA235	48						168	9			ACZD20	03	ACZ1CA	01	2	TD4	D2	22A			
06649		XA235	49						168	9			CQA8C0	02	ACMTCA	01	4	TD4	D1	26B			
01252		XA235	50						168	9			ACZD30	03	ACZ1CA	01	1	TD4	D2	23A			
09069		XA235	51										DNW	01				TD4					
03410		XA235	52						168	9			AM03E0	10	ACMTCA	01	3	TD4	D1	24A			
09070		XA235	53										DNW	01				TD4					
03379		XA235	54						168	9			AM02C0	06	ACMTCA	01	2	TD4	D1	25A			
02103		XA235	55			XA225	07		168	9			AD00GA	01	AL00C0	01	4	TD4	E2	29B			
05882		XA235	56			XA231	42		168	9			CMA48P	04	ACMTCA	01	1	TD4	D1	26A			
03223		XA235	57			XA212	60		168	9			AL00C0	04	AL00C0	00	1	TD4	E2	30B	AL 00 CARRY OUT -		
11196		XA235	58										GND	01	GROUND			TD4		40A			
01081		XA235	59			XA231	54		168	9			ACCP30	01	ACCP30	00	1	TD4	E1	31B	CNDTNLY DISABLE A		
03228		XA235	60			XA231	27		168	9			AL001A	01	AL00C0	01	3	TD4	E2	28A			
01089		XA235	61			XA231	39		168	9			ACC5CA	01	ACCP30	01	4	TD4	E1	32B			
03232		XA235	62			XA227	57		168	9			AL003A	01	AL00C0	01	2	TD4	E2	29A			
09071		XA235	63										DNW	01				TD4					
03230		XA235	64			XA227	59		168	9			AL002A	01	AL00C0	01	1	TD4	E2	30A			
09072		XA235	61										DNW	01				TD4					
01115		XA235	66			XA227	11		168	9			ACC7CA	01	ACCP30	01	3	TD4	E1	31A			
11197		XA235	67										GND	01	GROUND			TD4		40B			
01097		XA235	68			XA231	64		168	9			ACC6CA	01	ACCP30	01	2	TD4	E1	32A			
CONNECTOR (XA235) CCNTINUED ON THE NEXT PAGE ****																							

DRAWING NUMBER 149012-880 CONNECTOR UNIT ASSEMBLY NO. 149012 REV E INDEX XA235
 UNIT ASSEMBLY NAME CARD CAGE ASSY,CPU L.H. FILE IDENT T39B2CP1 DATE 09-03-82 PAGE 147

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	SIZE	MULTI GROUP	CODE											
01210		XA235	69					16B	9		ACRS4A	02	ACRS4A	00	1	TD4	F2	35A	SHIFT RT LOGICAL	
16627		XA235	70		XA235	79		16B	9		SPA049	04	ACCP30	01	1	TD4	E1	33A		
03335		XA235	71		XA235	77		16B	9		AMSNR0	03	ACRS4A	01	2	TD4	F2	36A		
16638		XA235	72		XA236	04		16B	9		SPA050	04	ACRS4A	01	3	TD4	F2	34A		
05430		XA235	73		XA146	78		16B	9		AY23BQ	03	ACRS4A	01	1	TD4	F2	36B		
05466		XA235	74		XA140	73		16B	9		AY25BP	02	ACRS4A	01	4	TD4	F2	35B		
05473		XA235	75		XA137	37		16B	9		AY25BQ	03	ACRS3A	01	3	TD4	F1	37B		
01208		XA235	76					16B	9		ACRS3A	02	ACRS3A	00	1	TD4	F1	37A	AQ 31 TO AC 00 -	
03336		XA235	77					16B	9		AMSNR0	04	ACRS3A	01	2	TD4	F1	38B		
04472		XA235	78		XA231	57		16B	9		AQ31BP	01	ACRS3A	01	4	TD4	F1	38A		
16628		XA235	79		XA236	03		16B	9		SPA049	05	ACRS3A	01	1	TD4	F1	39B		
09073		XA235	80								DNW	01				TD4				
01053		XA236	01		XA236	10		16B	9		ACCPGB	03	AC22BN	01	1	TD0	BN	02B	AC GATED CLOCK BU	
11198		XA236	02								GND	01	GROUND			TD0		01B		
16629		XA236	03		XA236	15		16B	9		SPA049	06	AC22BQ	01	1	TD0	BQ	02A		
16639		XA236	04		XA236	06		16B	9		SPA050	05	AC22BP	01	1	TD0	BP	04A		
01781		XA236	05					16B	9		AC2290	02	AC22BI	01	1	TD0	BI	03B		
16640		XA236	06		XA236	20		16B	9		SPA050	06	AC21BP	01	1	TD0	AP	05A		
01770		XA236	07		XA215	17		16B	9		AC22BQ	04	AC22BQ	00	1	TD0	BQ	03A	AC 22 - PRESET	
01764		XA236	08					16B	9		AC2190	02	AC21BI	01	1	TD0	AI	06A		
01766		XA236	09					16B	9		AC22BP	02	AC22BP	00	1	TD0	BP	04B	AC 22 - CLEAR	
01054		XA236	10		XA236	14		16B	9		ACCPGB	04	AC21BN	01	1	TD0	AN	07A	AC GATED CLOCK BU	
01749		XA236	11					16B	9		AC21BP	02	AC21BP	00	1	TD0	AP	05B	AC 21 - CLEAR	
00421		XA236	12								+5V	01				TD0				
01752		XA236	13		XA334	31		16B	9		AC21BQ	03	AC21BQ	00	1	TD0	AQ	06B	AC 21 - PRESET	
01055		XA236	14		XA236	26		16B	9		ACCPGB	05	AC24BN	01	1	TD0	DN	09A	AC GATED CLOCK BU	
16630		XA236	15		XA236	17		16B	9		SPA049	07	AC21BQ	01	1	TD0	AQ	07B		
11199		XA236	16								GND	01	GROUND			TD0		20B		
16631		XA236	17		XA236	27		16B	9		SPA049	08	AC24BQ	01	1	TD0	DQ	08B		
01828		XA236	18					16B	9		AC2490	02	AC24BI	01	1	TD0	DI	10A		
01815		XA236	19		XA334	25		16B	9		AC24BQ	03	AC24BQ	00	1	TD0	DQ	09B	AC 24 - PRESET	
16641		XA236	20		XA236	22		16B	9		SPA050	07	AC24BP	01	1	TD0	DP	11A		
01812		XA236	21					16B	9		AC24BP	02	AC24BP	00	1	TD0	DP	10B	AC 24 - CLEAR	
16642		XA236	22		XA236	36		16B	9		SPA050	08	AC23BP	01	1	TD0	CP	12A		
01783		XA236	23					16B	9		AC23BP	02	AC23BP	00	1	TD0	CP	11B	AC 23 - CLEAR	
01808		XA236	24					16B	9		AC2390	02	AC23BI	01	1	TD0	CI	13A		
01787		XA236	25		XA223	41		16B	9		AC23BQ	04	AC23BQ	00	1	TD0	CQ	12B	AC 23 - PRESET	
01056		XA236	26		XA236	30		16B	9		ACCPGB	06	AC23BN	01	1	TD0	CN	14A	AC GATED CLOCK BU	
16632		XA236	27		XA236	29		16B	9		SPA049	09	AC23BQ	01	1	TD0	CQ	13B		
00422		XA236	28								+5V	01				TD0				
16633		XA236	29		XA236	39		16B	9		SPA049	10	AC26BQ	01	1	TD0	FQ	14B		
01057		XA236	30		XA236	42		16B	9		ACCPGB	07	AC26BN	01	1	TD0	FN	15A	AC GATED CLOCK BU	
01854		XA236	31		XA334	18		16B	9		AC26BQ	03	AC26BQ	00	1	TD0	FQ	15B	AC 26 - PRESET	
11200		XA236	32								GND	01	GROUND			TD0		21B		
01851		XA236	33					16B	9		AC26BP	02	AC26BP	00	1	TD0	FP	16B	AC 26 - CLEAR	
01866		XA236	34					16B	9		AC2690	02	AC26BI	01	1	TD0	FI	16A		
01832		XA236	35					16B	9		AC25BP	02	AC25BP	00	1	TD0	EP	17B	AC 25 - CLEAR	
16643		XA236	36		XA236	38		16B	9		SPA050	09	AC26BP	01	1	TD0	FP	17A		
CONNECTOR XA236 CONTINUED ON THE NEXT PAGE ****																				

DRAWING NUMBER 149012-880 CONNECTOR UNIT ASSEMBLY NO. 149012 REV E INDEX XA236
 UNIT ASSEMBLY NAME CARD CAGE ASSY,CPU L.H. FILE IDENT T39B2CP1 DATE 09-03-82 PAGE 148

RECORD NUMBER	FROM			TO			WIRE				SFC INST WIRE	SIGNAL	SEQ NO	EQUATION	TERM	FACTOR	CKT CHG 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												
01835	XA236	37		XA334	17			16B	9			AC25BQ	03	AC25BQ	00	1	TDD	EQ		18B	AC 25 - PRESET	
16644	XA236	38		XA236	50			16B	9			SPA050	10	AC25BP	01	1	TDD	EP		18A		
16634	XA236	39						16B	9			SPA049	11	AC25BQ	01	1	TDD	EQ		19B		
01847	XA236	40						16B	9			AC2590	02	AC25BI	01	1	TDD	EI		19A		
16648	XA236	41		XA236	51			16B	9			SPA051	03	AC28BQ	01	1	TDD	HQ		22B		
01058	XA236	42		XA237	46			16B	9			ACCPGR	08	AC25BN	01	1	TDD	EN		20A	AC GATED CLOCK BU	
01900	XA236	43		XA334	11			16B	9			AC28BQ	03	AC28BQ	00	1	TDD	HQ		23B	AC 28 - PRESET	
11201	XA236	44										GND	01	GROUND			TDD			27A		
01897	XA236	45						16B	9			AC28BP	02	AC28BP	00	1	TDD	HP		24B	AC 28 - CLEAR	
01060	XA236	46		XA236	56			16B	9			ACCPGB	10	AC28BN	01	1	TDD	HN		21A	AC GATED CLOCK BU	
01868	XA236	47						16B	9			AC27BP	02	AC27BP	00	1	TDD	GP		25B	AC 27 - CLEAR	
01913	XA236	48						16B	9			AC2890	02	AC28BI	01	1	TDD	HI		22A		
01871	XA236	49		XA334	26			16B	9			AC27BQ	03	AC27BQ	00	1	TDD	GQ		26B	AC 27 - PRESET	
16645	XA236	50						16B	9			SPA050	11	AC28BP	01	1	TDD	HP		23A		
16649	XA236	51		XA236	53			16B	9			SPA051	04	AC27BQ	01	1	TDD	GQ		27B		
16659	XA236	52		XA236	64			16B	9			SPA052	03	AC27BP	01	1	TDD	GP		24A		
16650	XA236	53		XA236	63			16B	9			SPA051	05	AC30BQ	01	1	TDD	KQ		28B		
01895	XA236	54						16B	9			AC2790	02	AC27BI	01	1	TDD	GI		25A		
01939	XA236	55		XA334	05			16B	9			AC30BQ	03	AC30BQ	00	1	TDD	KQ		29B	AC 30 - PRESET	
01061	XA236	56		XA237	56			16B	9			ACCPGB	11	AC27BN	01	1	TDD	GN		26A	AC GATED CLOCK BU	
01936	XA236	57						16B	9			AC30BP	02	AC30BP	00	1	TDD	KP		30B	AC 30 - CLEAR	
11202	XA236	58										GND	01	GROUND			TDD			40A		
01917	XA236	59						16B	9			AC29BP	02	AC29BP	00	1	TDD	JP		31B	AC 29 - CLEAR	
01031	XA236	60		XA236	79			16B	9			ACCPCA	05	AC30BN	01	1	TDD	KN		28A		
01920	XA236	61		XA334	03			16B	9			AC29BQ	03	AC29BQ	00	1	TDD	JQ		32B	AC 29 - PRESET	
01951	XA236	62						16B	9			AC3090	02	AC30BI	01	1	TDD	KI		29A		
16651	XA236	63		XA236	80			16B	9			SPA051	06	AC29BQ	01	1	TDD	JQ		33B		
16660	XA236	64		XA236	66			16B	9			SPA052	04	AC30BP	01	1	TDD	KP		30A		
17729	XA236	65		XA237	65			16B	9			SPI015	10		01	1	TDD	MQ		34B		
16661	XA236	66		XA236	75			16B	9			SPA052	05	AC29BP	01	1	TDD	JP		31A		
11203	XA236	67										GND	01	GROUND			TDD			40B		
01932	XA236	68						16B	9			AC2990	02	AC29BI	01	1	TDD	JI		32A		
20653	XA236	69										SPO	02		00	1	TDD	MP		35A		
01064	XA236	70		XA237	70			16B	9			ACCPGB	14	AC29BN	01	1	TDD	JN		33A	AC GATED CLOCK BU	
17737	XA236	71		XA237	71			16B	9			SPI016	07		01	1	TDD	MI		36A		
17744	XA236	72		XA237	72			16B	9			SPI017	04		01	1	TDD	MN		34A		
17750	XA236	73		XA237	73			16B	9			SPI018	03		01	1	TDD	MP		36B		
20655	XA236	74										SPO	02		00	1	TDD	MQ		35B		
16662	XA236	75		XA237	04			16B	9			SPA052	06	AC31BP	01	1	TDD	LP		37B		
01955	XA236	76		XA113	18			16B	9			AC31BP	02	AC31BP	00	1	TDD	LP		37A	AC 31 - CLEAR	
01987	XA236	77						16B	9			AC3190	02	AC31BI	01	1	TDD	LI		38B		
01960	XA236	78		XA246	34			16B	9			AC31BQ	04	AC31BQ	00	1	TDD	LQ		38A	AC 31 - PRESET	
01032	XA236	79						16B	9			ACCPCA	06	AC31BN	01	1	TDD	LN		39B		
16652	XA236	80		XA237	03			16B	9			SPA051	07	AC31BQ	01	1	TDD	LQ		39A		
01035	XA237	01		XA237	10			16B	9			ACCPDE	03	AC11BN	01	1	TDD	BN		02B	AC GATED CLOCK BU	
11204	XA237	02										GND	01	GROUND			TDD			01B		
16653	XA237	03		XA237	15			16B	9			SPA051	08	AC11BQ	01	1	TDD	BQ		02A		
16663	XA237	04		XA237	06			16B	9			SPA052	07	AC11BP	01	1	TDD	BP		04A		
CONNECTOR (XA237) CONTINUED ON THE NEXT PAGE ****																						

DRAWING NUMBER 149012-880 CONNECTOR UNIT ASSEMBLY NO. 149012 REV E INDEX XA237
 UNIT ASSEMBLY NAME CARD CAGE ASSY,CPU L.H. FILE IDENT T39B2CP1 DATE 09-03-82 PAGE 149

RECORD NUMBER	FROM				TO				WIRE			SIGNAL	SFC NO	EQUATION	TERM	FACTOR	CHK TOP CHIP TYPE	GROUP	LOAD FOR PL. IN SER	TEST POINTS AND/OR	SIGNAL DESCRIPTION	ECO NO
	PREFIX	CONNECTOR	PIN	SERIAL	PREFIX	CONNECTOR	PIN	SERIAL	MULTI GROUP	CODE	COLOR											
01548		XA237	05							168	9		AC1190	02	AC1181	01	1	TDD	BI	03B		
16654		XA237	06		XA237	20				168	9		SPA052	03	AC108P	01	1	TDD	AP	05A		
01538		XA237	07							168	9		AC118Q	06	AC118Q	00	1	TDD	BQ	03A	AC 11 - PRESET	
01528		XA237	08							168	9		AC1090	02	AC1081	01	1	TDD	AI	06A		
01532		XA237	09							168	9		AC118P	02	AC118P	00	1	TDD	BP	04E	AC 11 - CLEAR	
01036		XA237	10		XA237	14				168	9		ACCPDB	04	AC108N	01	1	TDD	AN	07A	AC GATED CLOCK BU	
01511		XA237	11							168	9		AC108P	02	AC108P	00	1	TDD	AP	05B	AC 10 - CLEAR	
00423		XA237	12										+5V	01				TDD				
01515		XA237	13		XA218	17				168	9		AC108Q	04	AC108Q	00	1	TDD	AQ	06B	AC 10 - PRESET	
01037		XA237	14		XA238	14				168	9		ACCPDB	05	AC138N	01	1	TDD	DN	09A	AC GATED CLOCK BU	
16654		XA237	15		XA237	17				168	9		SPA051	09	AC108Q	01	1	TDD	AQ	07B		
11205		XA237	16										GND	01	GROUND			TDD		20B		
16655		XA237	17		XA237	27				168	9		SPA051	10	AC138Q	01	1	TDD	DQ	08B		
01583		XA237	18							168	9		AC1390	02	AC1381	01	1	TDD	DI	10A		
01572		XA237	19		XA218	29				168	9		AC138Q	04	AC138Q	00	1	TDD	DQ	09B	AC 13 - PRESET	
16665		XA237	20		XA237	22				168	9		SPA052	09	AC138P	01	1	TDD	DP	11A		
01568		XA237	21							168	9		AC138P	02	AC138P	00	1	TDD	DP	10B	AC 13 - CLEAR	
16666		XA237	22		XA237	29				168	9		SPA052	10	AC128P	01	1	TDD	CP	12A		
01550		XA237	23							168	9		AC128P	02	AC128P	00	1	TDD	CP	11B	AC 12 - CLEAR	
01566		XA237	24							168	9		AC1290	02	AC1281	01	1	TDD	CI	13A		
01554		XA237	25		XA220	41				168	9		AC128Q	04	AC128Q	00	1	TDD	CQ	12B	AC 12 - PRESET	
01040		XA237	26		XA237	30				168	9		ACCPDB	08	AC128N	01	1	TDD	CN	14A	AC GATED CLOCK BU	
16656		XA237	27							168	9		SPA051	11	AC128Q	01	1	TDD	CQ	13B		
00424		XA237	28										+5V	01				TDD				
16667		XA237	29							168	9		SPA052	11	AC158Q	01	1	TDD	FQ	14B		
01041		XA237	30		XA237	42				168	9		ACCPDB	09	AC158N	01	1	TDD	FN	15A	AC GATED CLOCK BU	
01606		XA237	31		XA224	62				168	9		AC158Q	04	AC158Q	00	1	TDD	FQ	15B	AC 15 - PRESET	
11206		XA237	32										GND	01	GROUND			TDD		21B		
01602		XA237	33							168	9		AC158P	02	AC158P	00	1	TDD	FP	16B	AC 15 - CLEAR	
01636		XA237	34							168	9		AC1590	02	AC1581	01	1	TDD	FI	16A		
01585		XA237	35							168	9		AC148P	02	AC148P	00	1	TDD	EP	17B	AC 14 - CLEAR	
16669		XA237	36		XA237	38				168	9		SPA053	02	AC158P	01	1	TDD	FP	17A		
01589		XA237	37		XA217	29				168	9		AC148Q	04	AC148Q	00	1	TDD	EQ	18B	AC 14 - PRESET	
16670		XA237	38		XA237	50				168	9		SPA053	03	AC148P	01	1	TDD	EP	18A		
16680		XA237	39		XA237	41				168	9		SPA054	02	AC148Q	01	1	TDD	EQ	19B		
01600		XA237	40							168	9		AC1490	02	AC1481	01	1	TDD	EI	19A		
16681		XA237	41		XA237	51				168	9		SPA054	03	AC178Q	01	1	TDD	HQ	22B		
01042		XA237	42		XA238	42				168	9		ACCPDB	10	AC148N	01	1	TDD	EN	20A	AC GATED CLOCK BU	
01663		XA237	43		XA249	46				168	9		AC178Q	03	AC178Q	00	1	TDD	HQ	23B	AC 17 - PRESET	
11207		XA237	44										GND	01	GROUND			TDD		27A		
01660		XA237	45							168	9		AC178P	02	AC178P	00	1	TDD	HP	24B	AC 17 - CLEAR	
01059		XA237	46		XA236	46				168	9		ACCPDB	09	AC178N	01	1	TDD	HN	21A	AC GATED CLOCK BU	
01640		XA237	47							168	9		AC168P	02	AC168P	00	1	TDD	GP	25B	AC 16 - CLEAR	
01686		XA237	48							168	9		AC1790	02	AC1781	01	1	TDD	HI	22A		
01642		XA237	49		XA334	47				168	9		AC168Q	02	AC168Q	00	1	TDD	GQ	26B	AC 16 - PRESET	
16671		XA237	50		XA237	52				168	9		SPA053	04	AC178P	01	1	TDD	HP	23A		
16682		XA237	51		XA237	53				168	9		SPA054	04	AC168Q	01	1	TDD	GQ	27B		
16672		XA237	52		XA237	64				168	9		SPA053	05	AC168P	01	1	TDD	GP	24A		
16663		XA237	53		XA237	63				168	9		SPA054	05	AC198Q	01	1	TDD	KQ	28B		
01650		XA237	54							168	9		AC1690	02	AC1681	01	1	TDD	GI	25A		
CONNECTOR (XA237) CONTINUED ON THE NEXT PAGE *****																						

DRAWING NUMBER 149012-880 CONNECTOR UNIT ASSEMBLY NO. 149012 REV E INDEX XA237
 UNIT ASSEMBLY NAME CARD CAGE ASSY CPU L.H. FILE IDENT T39B2CP1 DATE 09-03-82 PAGE 150

RECORD NUMBER	FROM				TO				WIRE			SIGNAL	SEQ NO	EQUATION	TERM	FACTOR	CKT OR CHIP TYPE	OHM*	LOAD OR POWER PLANE	TEST POINTS AND/OR	SIGNAL DESCRIPTION	ECO NO
	PREFIX	CONNECTOR	PIN	SIZE	PREFIX	CONNECTOR	PIN	SIZE	MULTI-GROUP	CODE	COLOR											
01712	XA237		55		XA334	56			16B	9		AC19BQ	03	AC19BQ	00	1	TDD	KQ	29B	AC 19 - PRESET		
01062	XA237		56		XA237	60			16B	9		ACCPGB	12	AC16BN	01	1	TDD	GN	26A	AC GATED CLOCK BU		
01709	XA237		57						16B	9		AC19BP	02	AC19BP	00	1	TDD	KP	30B	AC 19 - CLEAR		
11208	XA237		58						16B	9		GND	01	GROUND	00	1	TDD		40A			
01690	XA237		59						16B	9		AC18BP	02	AC18BP	00	1	TDD	JP	31B	AC 18 - CLEAR		
01063	XA237		60		XA236	70			16B	9		ACCPGB	13	AC19BN	01	1	TDD	KN	28A	AC GATED CLOCK BU		
01693	XA237		61		XA334	48			16B	9		AC18BQ	03	AC18BQ	00	1	TDD	JQ	32B	AC 18 - PRESET		
01725	XA237		62						16B	9		AC19BI	02	AC19BI	01	1	TDD	KI	29A			
16684	XA237		63		XA237	30			16B	9		SPA054	06	AC18BQ	01	1	TDD	JQ	33B			
16673	XA237		64		XA237	66			16B	9		SPA053	06	AC19BP	01	1	TDD	KP	30A			
17730	XA237		65						16B	9		SPI015	11		01	1	TDD	MQ	34B			
16674	XA237		66		XA237	75			16B	9		SPA053	07	AC18BP	01	1	TDD	JP	31A			
11209	XA237		67						16B	9		GND	01	GROUND	00	1	TDD		40B			
01705	XA237		68						16B	9		AC1890	02	AC18BI	01	1	TDD	JI	32A			
20657	XA237		69									SPO	02		00	1	TDD	MP	35A			
01065	XA237		70		XA237	79			16B	9		ACCPGB	15	AC18BN	00	1	TDD	JN	33A	AC GATED CLOCK BU		
17738	XA237		71		XA238	65			16B	9		SPI016	08		01	1	TDD	MI	36A			
17745	XA237		72		XA238	71			16B	9		SPI017	05		01	1	TDD	MN	34A			
17751	XA237		73		XA238	72			16B	9		SPI018	04		01	1	TDD	MP	36B			
20659	XA237		74									SPO	02		00	1	TDD	MQ	35B			
16675	XA237		75		XA238	04			16B	9		SPA053	08	AC20BP	01	1	TDD	LP	37B	AC 20 - CLEAR		
01729	XA237		76						16B	9		AC20BP	02	AC20BP	00	1	TDD	LP	37A			
01745	XA237		77						16B	9		AC2090	02	AC20BI	01	1	TDD	LI	38B			
01732	XA237		78		XA334	35			16B	9		AC20BQ	03	AC209Q	00	1	TDD	LQ	38A	AC 20 - PRESET		
01066	XA237		79						16B	9		ACCPGB	16	AC20BN	01	1	TDD	LN	39B	AC GATED CLOCK BU		
16685	XA237		80		XA238	03			16B	9		SPA054	07	AC20BQ	01	1	TDD	LQ	39A			
01027	XA238		01		XA238	10			16B	9		ACCPCA	01	AC00BN	01	1	TDD	BN	02B			
11210	XA238		02									GND	01	GROUND	00	1	TDD		01B			
16686	XA238		03		XA238	15			16B	9		SPA054	08	AC00BQ	01	1	TDD	BQ	02A			
16676	XA238		04		XA238	06			16B	9		SPA053	09	AC00BP	01	1	TDD	BP	04A			
01307	XA238		05						16B	9		AC0090	02	AC00BI	01	1	TDD	BI	03B			
16677	XA238		06		XA238	20			16B	9		SPA053	10	ACSEBP	01	1	TDD	AP	05A			
01283	XA238		07		XA244	17			16B	9		AC00BQ	04	AC00BQ	00	1	TDD	BQ	03A	AC 00 - PRESET		
01237	XA238		08						16B	9		ACSE90	02	ACSEBI	01	1	TDD	AI	06A			
01276	XA238		09		XA244	25			16B	9		AC00BP	03	AC00BP	00	1	TDD	BP	04B	AC 00 - CLEAR		
01028	XA238		10		XA238	26			16B	9		ACCPCA	02	ACSEBN	01	1	TDD	AN	07A			
01214	XA238		11		XA229	71			16B	9		ACSEBP	04	ACSEBP	00	1	TDD	AP	05B	AC SE - CLEAR		
00425	XA238		12									+5V	01				TDD					
01219	XA238		13		XA221	03			16B	9		ACSEBQ	02	ACSEBQ	00	1	TDD	AQ	06B	AC SE - PRESET		
01038	XA238		14		XA238	30			16B	9		ACCPDB	06	AC02BN	01	1	TDD	BN	09A	AC GATED CLOCK BU		
16687	XA238		15		XA238	17			16B	9		SPA054	09	ACSEBQ	01	1	TDD	AQ	07B			
11211	XA238		16									GND	01	GROUND	00	1	TDD		20B			
16688	XA238		17		XA238	22			16B	9		SPA054	10	AC02BQ	01	1	TDD	BQ	08B			
01352	XA238		18						16B	9		AC0290	02	AC02BI	01	1	TDD	DI	10A			
01338	XA238		19		XA227	04			16B	9		AC02BQ	03	AC02BQ	00	1	TDD	OQ	09B	AC 02 - PRESET		
16678	XA238		20						16B	9		SPA053	11	AC02BP	01	1	TDD	DP	11A			
01335	XA238		21						16B	9		AC02BP	02	AC02BP	00	1	TDD	DP	10B	AC 02 - CLEAR		
16689	XA238		22						16B	9		SPA054	11	AC01BP	01	1	TDD	CP	12A			
CONNECTOR (XA238) CONTINUED ON THE NEXT PAGE ****																						

DRAWING NUMBER 149012-880 CONNECTOR UNIT ASSEMBLY NO. 149012 REV E INDEX XA238
 UNIT ASSEMBLY NAME CARD CAGE ASSY,CPU L.H. FILE IDENT T39B2CP1 DATE 09-03-82 PAGE 151

RECORD NUMBER	FROM			TO			WIRE			SPEC. NET. INCS.	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												
01312		XA238	23																		
01331		XA238	24		XA113	03					16B	9									
01316		XA238	25		XA231	21					16B	9									
01029		XA238	26		XA235	35					16B	9									
16691		XA238	27		XA238	29					16B	9									
00426		XA238	28																		
16692		XA238	29		XA238	39					16B	9									
01039		XA238	30		XA237	26					16B	9									
01375		XA238	31		XA221	41					16B	9									
11212		XA238	32																		
01372		XA238	33								16B	9									
01390		XA238	34								16B	9									
01354		XA238	35								16B	9									
16702		XA238	36		XA238	38					16B	9									
01357		XA238	37		XA224	36					16B	9									
16703		XA238	38		XA238	50					16B	9									
16693		XA238	39		XA238	41					16B	9									
01370		XA238	40								16B	9									
16694		XA238	41		XA238	51					16B	9									
01043		XA238	42		XA238	46					16B	9									
01413		XA238	43		XA218	03					16B	9									
11213		XA238	44																		
01409		XA238	45								16B	9									
01044		XA238	46		XA238	56					16B	9									
01392		XA238	47								16B	9									
01424		XA238	48								16B	9									
01395		XA238	49		XA219	03					16B	9									
16704		XA238	50		XA238	52					16B	9									
16695		XA238	51		XA238	53					16B	9									
16705		XA238	52		XA238	64					16B	9									
16696		XA238	53		XA238	63					16B	9									
01407		XA238	54								16B	9									
01478		XA238	55		XA221	53					16B	9									
01045		XA238	56		XA238	60					16B	9									
01474		XA238	57								16B	9									
11214		XA238	58																		
01426		XA238	59								16B	9									
01046		XA238	60		XA238	70					16B	9									
01429		XA238	61		XA223	42					16B	9									
01490		XA238	62								16B	9									
16697		XA238	63		XA238	80					16B	9									
16706		XA238	64		XA238	66					16B	9									
17739		XA238	65		XA243	29					16B	9									
16707		XA238	66		XA238	75					16B	9									
17676		XA238	67								16B	9									
01472		XA238	68																		
20661		XA238	69								16B	9									
01047		XA238	70		XA238	79					16B	9									
17746		XA238	71		XA243	31					16B	9									
17752		XA238	72								16B	9									
CONNECTOR (XA238) CONTINUED ON THE NEXT PAGE ****																					

DRAWING NUMBER 149012-880 CONNECTOR UNIT ASSEMBLY NO. 149012 REV E INDEX XA238
 UNIT ASSEMBLY NAME CARD CAGE ASSY,CPU L.H. FILE IDENT T39B2CP1 DATE 09-03-82 PAGE 153

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	SHIP	PREFIX	CONNECTOR	PIN	SHIP	MULTI GROUP	CODE	COLOR	IDENT											
05083		XA239	41										DNW	01									
01509		XA239	42						16B	9			AC283A	02	AC2890	01	1	TS8	C1		20A		
16715		XA239	43		XA239	61			16B	9			SPA057	04	AC2990	01	7	TS8	D1		23B		
11218		XA239	44										GND	01	GROUND						40A		
09084		XA239	45										DNW	01									
01926		XA239	46						16B	9			AC292A	02	AC2990	01	6	TS8	D1		21A		
01931		XA239	47		XA236	68			16B	9			AC2990	01	AC2990	00	1	TS8	D1		25B	AC 29 INPUT DATA	
01924		XA239	48						16B	9			AC291A	02	AC2990	01	5	TS8	D1		22A		
16711		XA239	49						16B	9			SPA056	11	AC2990	01	8	TS8	D1		26B		
01928		XA239	50						16B	9			AC293A	02	AC2990	01	4	TS8	D1		23A		
09085		XA239	51										DNW	01									
01930		XA239	52						16B	9			AC294A	02	AC2990	01	3	TS8	D1		24A		
09086		XA239	53										DNW	01									
16725		XA239	54		XA239	79			16B	9			SPA058	03	AC2990	01	2	TS8	D1		25A		
01943		XA239	55						16B	9			AC301A	02	AC3090	01	7	TS8	E1		29B		
01982		XA239	56		XA239	34			16B	9			AC318A	06	AC2990	01	1	TS8	D1		26A		
09087		XA239	57										DNW	01									
11219		XA239	58										GND	01	GROUND								
01950		XA239	59		XA236	62			16B	9			AC3090	01	AC3090	00	1	TS8	E1		31B	AC 30 INPUT DATA	
01981		XA239	60		XA239	56			16B	9			AC318A	05	AC3090	01	6	TS8	E1		28A		
16716		XA239	61		XA239	77			16B	9			SPA057	05	AC3090	01	8	TS8	E1		32B		
01945		XA239	62						16B	9			AC302A	02	AC3090	01	5	TS8	E1		29A		
09088		XA239	63										DNW	01									
01947		XA239	64						16B	9			AC303A	02	AC3090	01	4	TS8	E1		30A		
09089		XA239	65										DNW	01									
16735		XA239	66		XA240	25			16B	9			SPA059	02	AC3090	01	3	TS8	E1		31A		
11220		XA239	67										GND	01	GROUND								
16746		XA239	68		XA241	77			16B	9			SPA060	02	AC3090	01	2	TS8	E1		32A		
09090		XA239	69										DNW	01									
01949		XA239	70						16B	9			AC304A	02	AC3090	01	1	TS8	E1		33A		
01978		XA239	71		XA240	78			16B	9			AC318A	02	AC3190	01	5	TS8	F1		36A		
01966		XA239	72						16B	9			AC311A	02	AC3190	01	6	TS8	F1		34A		
01970		XA239	73						16B	9			AC313A	02	AC3190	01	4	TS8	F1		36B		
01968		XA239	74						16B	9			AC312A	02	AC3190	01	7	TS8	F1		35B		
01974		XA239	75						16B	9			AC315A	02	AC3190	01	3	TS8	F1		37B		
01986		XA239	76		XA236	77			16B	9			AC3190	01	AC3190	00	1	TS8	F1		37A	AC 31 INPUT DATA	
16717		XA239	77		XA240	01			16B	9			SPA057	06	AC3190	01	2	TS8	F1		38B		
01972		XA239	78						16B	9			AC314A	02	AC3190	01	8	TS8	F1		38A		
16726		XA239	79		XA240	07			16B	9			SPA058	04	AC3190	01	1	TS8	F1		39B		
09091		XA239	80										DNW	01									
16718		XA240	01		XA240	19			16B	9			SPA057	07	AC2090	01	6	TS8	A1		02B		
11221		XA240	02										GND	01	GROUND						01A		
09092		XA240	03										DNW	01									
01805		XA240	04		XA247	04			16B	9			AC238A	08	AC2090	01	4	TS8	A1		04A		
01743		XA240	05						16B	9			AC204A	02	AC2090	01	5	TS8	A1		03B		
01741		XA240	06						16B	9			AC203A	02	AC2090	01	3	TS8	A1		05A		
16727		XA240	07		XA240	49			16B	9			SPA058	05	AC2090	01	7	TS8	A1		03A		
01737		XA240	08						16B	9			AC201A	02	AC2090	01	2	TS8	A1		06A		
CONNECTOR (XA240) CONTINUED ON THE NEXT PAGE ****																							

DRAWING NUMBER 149012-880 CONNECTOR UNIT ASSEMBLY NO. 149012 REV E INDEX XA240
 UNIT ASSEMBLY NAME CARD CAGE ASSY CPU L.H. FILE IDENT T39B2CP1 DATE 09-03-82 PAGE 154

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	BY	PREFIX	CONNECTOR	PIN	BY	MULTI GROUP	CODE	COLOR	IDENT											
09093		XA240	09										DNW	01			TS8						
01739		XA240	10						16B	9			AC202A	02	AC2090	01	1	TS8	A1		07A		
01744		XA240	11		XA237	77			16B	9			AC2090	01	AC2090	00	1	TS8	A1		05B	AC 20 INPUT DATA	
00429		XA240	12										+5V	01			TS8						
01893		XA240	13						16B	9			AC276A	11	AC2090	01	8	TS8	A1		06B		
01756		XA240	14						16B	9			AC211A	02	AC2190	01	6	TS8	B1		09A		
09094		XA240	15										DNW	01			TS8						
11222		XA240	16										GND	01	GROUND			TS8			21B		
09095		XA240	17										DNW	01			TS8						
01760		XA240	18						16B	9			AC213A	02	AC2190	01	5	TS8	B1		10A		
16719		XA240	19		XA240	37			16B	9			SPA057	08	AC2190	01	7	TS8	B1		09B		
01758		XA240	20						16B	9			AC212A	02	AC2190	01	4	TS8	B1		11A		
09096		XA240	21										DNW	01			TS8						
01890		XA240	22		XA239	14			16B	9			AC276A	08	AC2190	01	3	TS8	B1		12A		
01763		XA240	23		XA236	08			16B	9			AC2190	01	AC2190	00	1	TS8	B1		11B	AC 21 INPUT DATA	
01762		XA240	24						16B	9			AC214A	02	AC2190	01	2	TS8	B1		13A		
16736		XA240	25		XA240	38			16B	9			SPA059	03	AC2190	01	8	TS8	B1		12B		
01802		XA240	26		XA241	19			16B	9			AC238A	05	AC2190	01	1	TS8	B1		14A		
09097		XA240	27										DNW	01			TS8						
00430		XA240	28										+5V	01			TS8						
09098		XA240	29										DNW	01			TS8						
01777		XA240	30						16B	9			AC223A	02	AC2290	01	6	TS8	C1		15A		
01773		XA240	31						16B	9			AC221A	02	AC2290	01	7	TS8	C1		15B		
11223		XA240	32										GND	01	GROUND			TS8			27A		
09099		XA240	33										DNW	01			TS8						
01779		XA240	34						16B	9			AC224A	02	AC2290	01	5	TS8	C1		16A		
01780		XA240	35		XA236	05			16B	9			AC2290	01	AC2290	00	1	TS8	C1		17B	AC 22 INPUT DATA	
01775		XA240	36						16B	9			AC222A	02	AC2290	01	4	TS8	C1		17A		
16720		XA240	37		XA240	43			16B	9			SPA057	09	AC2290	01	8	TS8	C1		18B		
16737		XA240	38		XA240	79			16B	9			SPA059	04	AC2290	01	3	TS8	C1		18A		
09100		XA240	39										DNW	01			TS8						
01887		XA240	40		XA241	31			16B	9			AC276A	05	AC2290	01	2	TS8	C1		19A		
09101		XA240	41										DNW	01			TS8						
01800		XA240	42		XA241	34			16B	9			AC238A	03	AC2290	01	1	TS8	C1		20A		
16721		XA240	43		XA240	55			16B	9			SPA057	10	AC2390	01	7	TS8	D1		23B		
11224		XA240	44										GND	01	GROUND			TS8			40A		
09102		XA240	45										DNW	01			TS8						
01799		XA240	46		XA240	42			16B	9			AC238A	02	AC2390	01	6	TS8	D1		21A		
01807		XA240	47		XA236	24			16B	9			AC2390	01	AC2390	00	1	TS8	D1		25B	AC 23 INPUT DATA	
01791		XA240	48						16B	9			AC231A	02	AC2390	01	5	TS8	D1		22A		
16728		XA240	49		XA240	60			16B	9			SPA058	06	AC2390	01	8	TS8	D1		26B		
01886		XA240	50		XA240	40			16B	9			AC276A	04	AC2390	01	4	TS8	D1		23A		
09103		XA240	51										DNW	01			TS8						
01793		XA240	52						16B	9			AC232A	02	AC2390	01	3	TS8	D1		24A		
09104		XA240	53										DNW	01			TS8						
01797		XA240	54						16B	9			AC234A	02	AC2390	01	2	TS8	D1		25A		
16722		XA240	55						16B	9			SPA057	11	AC2490	01	7	TS8	E1		29B		
01795		XA240	56						16B	9			AC233A	02	AC2390	01	1	TS8	D1		26A		
09105		XA240	57										DNW	01			TS8						
11225		XA240	58										GND	01	GROUND			TS8					
CONNECTOR		XA240	CONTINUED ON THE NEXT PAGE ****																				

DRAWING NUMBER 149012-880 CONNECTOR UNIT ASSEMBLY NO. 149012 REV E INDEX XA240
 UNIT ASSEMBLY NAME CARD CAGE ASSY,CPU L.H. FILE IDENT T39B2CP1 DATE 09-03-82 PAGE 155

RECORD NUMBER	FROM			DR TS	TO			DR TS	WIRE			SPEC INST 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	PIK		PREFIX	CONNECTOR	PIK		MULTI-GROUP	CODE	COLOR												
01827		XA240	59			XA236	18		16B	9		AC2490	01	AC2490	00	1	TS8	E1		31B	AC 24 INPUT DATA		
16729		XA240	60			XA240	77		16B	9		SPA058	07	AC2490	01	6	TS8	E1		28A			
01980		XA240	61			XA239	60		16B	9		AC318A	04	AC2490	01	8	TS8	E1		32B			
01820		XA240	62						16B	9		AC241A	02	AC2490	01	5	TS8	E1		29A			
09106		XA240	63						16B	9		DNW	01				TS8						
01824		XA240	64						16B	9		AC243A	02	AC2490	01	4	TS8	E1		30A			
09107		XA240	65						16B	9		DNW	01				TS8						
01826		XA240	66						16B	9		AC244A	02	AC2490	01	3	TS8	E1		31A			
11226		XA240	67						16B	9		GND	01				TS8						
01822		XA240	68						16B	9		AC242A	02	AC2490	01	2	TS8	E1		32A			
09108		XA240	69						16B	9		DNW	01				TS8						
01885		XA240	70			XA240	50		16B	9		AC276A	03	AC2490	01	1	TS8	E1		33A			
01841		XA240	71						16B	9		AC252A	02	AC2590	01	5	TS8	F1		36A			
01884		XA240	72			XA240	70		16B	9		AC276A	02	AC2590	01	6	TS8	F1		34A			
01845		XA240	73						16B	9		AC254A	02	AC2590	01	4	TS8	F1		36B			
01839		XA240	74						16B	9		AC251A	02	AC2590	01	7	TS8	F1		35B			
01843		XA240	75						16B	9		AC253A	02	AC2590	01	3	TS8	F1		37B			
01846		XA240	76			XA236	40		16B	9		AC2590	01	AC2590	00	1	TS8	F1		37A	AC 25 INPUT DATA		
16730		XA240	77			XA241	01		16B	9		SPA058	08	AC2590	01	2	TS8	F1		38B			
01979		XA240	78			XA240	61		16B	9		AC318A	03	AC2590	01	8	TS8	F1		38A			
16738		XA240	79			XA241	07		16B	9		SPA059	05	AC2590	01	1	TS8	F1		39B			
09109		XA240	80						16B	9		DNW	01				TS8						
16731		XA241	01			XA241	14		16B	9		SPA058	09	AC1790	01	6	TS8	A1		02B			
11227		XA241	02						16B	9		GND	01				TS8			01A			
09110		XA241	03						16B	9		DNW	01				TS8						
01667		XA241	04						16B	9		AC171A	02	AC1790	01	4	TS8	A1		04A			
01804		XA241	05			XA240	04		16B	9		AC238A	07	AC1790	01	5	TS8	A1		03B			
01684		XA241	06						16B	9		AC176A	11	AC1790	01	3	TS8	A1		05A			
16739		XA241	07			XA241	25		16B	9		SPA059	06	AC1790	01	7	TS8	A1		03A			
01673		XA241	08						16B	9		AC174A	02	AC1790	01	2	TS8	A1		06A			
09111		XA241	09						16B	9		DNW	01				TS8						
01671		XA241	10						16B	9		AC173A	02	AC1790	01	1	TS8	A1		07A			
01685		XA241	11			XA237	48		16B	9		AC1790	01	AC1790	00	1	TS8	A1		05B	AC 17 INPUT DATA		
00431		XA241	12						16B	9		+5V	01				TS8						
01669		XA241	13						16B	9		AC172A	02	AC1790	01	8	TS8	A1		06B			
16732		XA241	14			XA241	30		16B	9		SPA058	10	AC1890	01	6	TS8	B1		09A			
09112		XA241	15						16B	9		DNW	01				TS8						
11228		XA241	16						16B	9		GND	01				TS8			21B			
09113		XA241	17						16B	9		DNW	01				TS8						
01697		XA241	18						16B	9		AC181A	02	AC1890	01	5	TS8	B1		10A			
01803		XA241	19			XA241	05		16B	9		AC238A	06	AC1890	01	7	TS8	B1		09B			
01701		XA241	20						16B	9		AC183A	02	AC1890	01	4	TS8	B1		11A			
09114		XA241	21						16B	9		DNW	01				TS8						
01699		XA241	22						16B	9		AC182A	02	AC1890	01	3	TS8	B1		12A			
01704		XA241	23			XA237	68		16B	9		AC1890	01	AC1890	00	1	TS8	R1		11B	AC 18 INPUT DATA		
01703		XA241	24						16B	9		AC184A	02	AC1890	01	2	TS8	B1		13A			
16740		XA241	25			XA241	37		16B	9		SPA059	07	AC1890	01	8	TS8	B1		12B			
01889		XA241	26			XA240	22		16B	9		AC276A	07	AC1890	01	1	TS8	B1		14A			
CONNECTOR		XA241	CONTINUED ON THE NEXT PAGE *****																				

DRAWING NUMBER 149012-880 CONNECTOR UNIT ASSEMBLY NO. 149012 REV E INDEX XA241
 UNIT ASSEMBLY NAME CARD CAGE ASSY,CPU L.H. FILE IDENT T39B2CP1 DATE 09-03-82 PAGE 156

RECORD NUMBER	FROM			TO			WIRE				SIGNAL	SEQ NO	EQUATION	TERM	FACTOR	CKT OR TRIP TYPE	GROUP	LOAD OR POWER PLANE	TEST POINTS ANCHOR	SIGNAL DESCRIPTION	ECO NO
	PREFIX	CONNECTOR	PIN	PREFIX	CONNECTOR	PIN	MULTI GROUP	CODE	COLOR	IDENT											
09115		XA241	27								DNW	01				TS8					
00432		XA241	28								+5V	01				TS8					
09116		XA241	29								DNW	01				TS8					
16733		XA241	30					16B	9		SPA058	11	AC1990	01	6	TS8	C1		15A		
01888		XA241	31	XA241	26			16B	9		AC276A	06	AC1990	01	7	TS8	C1		15B		
11229		XA241	32								GND	01	GROUND			TS8			27A		
09117		XA241	33								DNW	01				TS8					
01801		XA241	34	XA240	26			16B	9		AC238A	04	AC1990	01	5	TS8	C1		16A		
01724		XA241	35	XA237	62			16B	9		AC1990	01	AC1990	00	1	TS8	C1		17B		AC 19 INPUT DATA
01719		XA241	36					16B	9		AC192A	02	AC1990	01	4	TS8	C1		17A		
16741		XA241	37	XA241	75			16B	9		SPA059	08	AC1990	01	8	TS8	C1		18B		
01717		XA241	38					16B	9		AC191A	02	AC1990	01	3	TS8	C1		18A		
09118		XA241	39								DNW	01				TS8					
01721		XA241	40					16B	9		AC193A	02	AC1990	01	2	TS8	C1		19A		
09119		XA241	41								DNW	01				TS8					
01723		XA241	42					16B	9		AC194A	02	AC1990	01	1	TS8	C1		20A		
01601		XA241	43	XA237	33			16B	9		AC15BP	01	ACZD3A	01	7	TS8	D1		23B		
11230		XA241	44								GND	01	GROUND			TS8			40A		
09120		XA241	45								DNW	01				TS8					
01765		XA241	46	XA236	09			16B	9		AC228P	01	ACZD3A	01	6	TS8	D1		21A		
01249		XA241	47					16B	9		ACZD3A	02	ACZD3A	00	1	TS8	D1		25B		AC ZERO DCD 15 -
01748		XA241	48	XA236	11			16B	9		AC218P	01	ACZD3A	01	5	TS8	D1		22A		
01659		XA241	49	XA237	45			16B	9		AC178P	01	ACZD3A	01	8	TS8	D1		26B		
01728		XA241	50	XA237	76			16B	9		AC208P	01	ACZD3A	01	4	TS8	D1		23A		
09121		XA241	51								DNW	01				TS8					
01706		XA241	52	XA237	57			16B	9		AC198P	01	ACZD3A	01	3	TS8	D1		24A		
09122		XA241	53								DNW	01				TS8					
01639		XA241	54	XA237	47			16B	9		AC168P	01	ACZD3A	01	2	TS8	D1		25A		
01850		XA241	55	XA236	33			16B	9		AC268P	01	ACZD4A	01	7	TS8	E1		29B		
01685		XA241	56	XA237	59			16B	9		AC188P	01	ACZD3A	01	1	TS8	D1		26A		
09123		XA241	57								DNW	01				TS8					
11231		XA241	58								GND	01	GROUND			TS8					
01254		XA241	59					16B	9		ACZD4A	02	ACZD4A	00	1	TS8	E1		31B		AC ZERO DCD 23 -
01811		XA241	60	XA236	21			16B	9		AC248P	01	ACZD4A	01	6	TS8	E1		28A		
01935		XA241	61	XA236	57			16B	9		AC308P	01	ACZD4A	01	8	TS8	E1		32B		
01867		XA241	62	XA236	47			16B	9		AC278P	01	ACZD4A	01	5	TS8	E1		29A		
09124		XA241	63								DNW	01				TS8					
01782		XA241	64	XA236	23			16B	9		AC238P	01	ACZD4A	01	4	TS8	E1		30A		
09125		XA241	65								DNW	01				TS8					
01831		XA241	66	XA236	35			16B	9		AC258P	01	ACZD4A	01	3	TS8	E1		31A		
05826		XA241	67								GND		GROUND			TS8					
01916		XA241	68	XA236	59			16B	9		AC298P	01	ACZD4A	01	2	TS8	E1		32A		
09126		XA241	69								DNW	01				TS8					
01896		XA241	70	XA236	45			16B	9		AC288P	01	ACZD4A	01	1	TS8	E1		33A		
05852		XA241	71	XA231	56			16B	9		CMA28Q	01	ACCP4A	01	5	TS8	F1		36A		
05871		XA241	72	XA231	68			16B	9		CMA38Q	05	ACCP4A	01	6	TS8	F1		34A		
03846		XA241	73	XA115	33			16B	9		AQC610	01	ACCP4A	01	4	TS8	F1		36B		
05881		XA241	74	XA235	56			16B	9		CMA48P	03	ACCP4A	01	7	TS8	F1		35B		
16742		XA241	75	XA242	01			16B	9		SPA059	09	ACCP4A	01	3	TS8	F1		37B		
01083		XA241	76	XA235	40			16B	9		ACCP4A	01	ACCP4A	00	1	TS8	F1		37A		AC CLOCK CODE 16
CONNECTOR XA241 CONTINUED ON THE NEXT PAGE ****																					

DRAWING NUMBER 149012-880 CONNECTOR UNIT ASSEMBLY NO. 149012 REV E INDEX XA241
 UNIT ASSEMBLY NAME CARD CAGE ASSY,CPU L.H. FILE IDENT T39B2CP1 DATE 09-03-82 PAGE 157

RECORD NUMBER	FROM			TO			WIRE			SPEC INST	SIGNAL	SQ NO	EQUATION	TERM	FACTOR	CKT OR CHIP TYPE	PROP	LOAD OR POWER PLANE	TEST POINTS AND/OR	SIGNAL DESCRIPTION	ECO NO
	PREFIX	CONNECTOR	PIN	PREFIX	CONNECTOR	PIN	NO	CODE	COLOR												
16747		XA241	77		XA242	04		168	9		SPA060	03	ACCP4A	01	2	TS8	F1		38B		
05839		XA241	78		XA211	07		168	9		CMA1CQ	05	ACCP4A	01	8	TS8	F1		38A		
16757		XA241	79		XA242	06		168	9		SPA061	02	ACCP4A	01	1	TS8	F1		39B		
09127		XA241	80								DNW	01				TS8					
16743		XA242	01		XA242	14		168	9		SPA059	10	ACAD3A	01	6	TS8	A1		02B		
11232		XA242	02								GND	01	GROUND			TS8			01A		
09128		XA242	03								DNW	01				TS8					
16748		XA242	04		XA242	30		168	9		SPA060	04	ACAD3A	01	4	TS8	A1		04A		
03374		XA242	05		XA245	04		168	9		AM02C0	01	ACAD3A	01	5	TS8	A1		03B		
16758		XA242	06		XA242	31		168	9		SPA061	03	ACAD3A	01	3	TS8	A1		05A		
06603		XA242	07					168	9		CQA3CA	03	ACAD3A	01	7	TS8	A1		03A		
01191		XA242	08		XA235	47		168	9		ACMTC A	03	ACAD3A	01	2	TS8	A1		06A		
09129		XA242	09					168	9		DNW	01				TS8					
03399		XA242	10		XA243	01		168	9		AM03D0	09	ACAD3A	01	1	TS8	A1		07A		
01018		XA242	11					168	9		ACAD3A	05	ACAD3A	00	1	TS8	A1		05B		AC CNTL CODE 6 (M
00433		XA242	12								+5V	01				TS8					
05879		XA242	13		XA245	62		168	9		CMA4BP	01	ACAD3A	01	8	TS8	A1		06B		
16744		XA242	14					168	9		SPA059	11	AC003A	01	6	TS8	B1		09A		
09130		XA242	15								DNW	01				TS8					
11233		XA242	16								GND	01	GROUND			TS8			21B		
09131		XA242	17								DNW	01				TS8					
01207		XA242	18		XA235	76		168	9		ACRS3A	01	AC003A	01	5	TS8	B1		10A		
01209		XA242	19		XA235	69		168	9		ACRS4A	01	AC003A	01	7	TS8	B1		09B		
05630		XA242	20					168	9		AM53CA	10	AC003A	01	4	TS8	B1		11A		
09132		XA242	21								DNW	01				TS8					
01186		XA242	22					168	9		ACLS1A	03	AC003A	01	3	TS8	B1		12A		
01303		XA242	23					168	9		AC003A	02	AC003A	00	1	TS8	B1		11B		AC RT. SHIFT BIT
01206		XA242	24					168	9		ACRS2A	02	AC003A	01	2	TS8	B1		13A		
03346		XA242	25					168	9		AM01C0	10	AC003A	01	8	TS8	B1		12B		
01204		XA242	26					168	9		ACRS1A	02	AC003A	01	1	TS8	B1		14A		
09133		XA242	27								DNW	01				TS8					
00434		XA242	28								+5V	01				TS8					
09134		XA242	29								DNW	01				TS8					
16749		XA242	30		XA242	73		168	9		SPA060	05	ACZRCA	01	6	TS8	C1		15A		
16759		XA242	31		XA242	74		168	9		SPA061	04	ACZRCA	01	7	TS8	C1		15B		
11234		XA242	32								GND	01	GROUND			TS8			27A		
09135		XA242	33								DNW	01				TS8					
16768		XA242	34		XA242	78		168	9		SPA062	02	ACZRCA	01	5	TS8	C1		16A		
01260		XA242	35		XA243	35		168	9		ACZRCA	03	ACZRCA	00	1	TS8	C1		17B		AC IS ZERO - A
01251		XA242	36		XA235	50		168	9		ACZD30	02	ACZRCA	01	4	TS8	C1		17A		
01241		XA242	37		XA235	46		168	9		ACZD10	02	ACZRCA	01	8	TS8	C1		18B		
01954		XA242	38		XA236	76		168	9		AC31BP	01	ACZRCA	01	3	TS8	C1		18A		
09136		XA242	39								DNW	01				TS8					
01246		XA242	40		XA235	48		168	9		ACZD20	02	ACZRCA	01	2	TS8	C1		19A		
09137		XA242	41								DNW	01				TS8					
01256		XA242	42		XA235	43		168	9		ACZD40	02	ACZRCA	01	1	TS8	C1		20A		
01334		XA242	43		XA238	21		168	9		AC02BP	01	ACZD1A	01	7	TS8	D1		23B		
11235		XA242	44								GND	01	GROUND			TS8			40A		
CONNECTOR (XA242) CONTINUED ON THE NEXT PAGE ****																					

DRAWING NUMBER 149012-880 CONNECTOR UNIT ASSEMBLY NO. 149012 REV E INDEX XA242
 UNIT ASSEMBLY NAME CARD CAGE ASSY,CPU L.H. FILE IDENT T39B2CP1 DATE 09-03-82 PAGE 158

RECORD NUMBER	FROM			DR FG	TO			WIRE			SPEC INST MISC	SIGNAL	SEQ NO	EQUATION	TERM	FACTOR	CKT OR CHIP TYPE	GND#	LOAD OR POWER PLANE	TEST POINTS AND/OR	SIGNAL DESCRIPTION	ECO NO
	PREFIX	CONNECTOR	PIN		PREFIX	CONNECTOR	PIN	DR FG	MULTI GROUP	CODE												
09138		XA242	45									DNW	01			TS8						
01311		XA242	46			XA238	23		16B	9		AC01BP	02	ACZD1A	01	6	TS8	D1		21A		
01239		XA242	47						16B	9		ACZD1A	02	ACZD1A	00	1	TS8	D1		25B	AC ZERO DCD SE -	
01371		XA242	48			XA238	33		16B	9		AC04BP	01	ACZD1A	01	5	TS8	D1		22A		
01353		XA242	49			XA238	35		16B	9		AC03BP	01	ACZD1A	01	8	TS8	D1		26B		
01212		XA242	50			XA244	20		16B	9		ACSEBP	02	ACZD1A	01	4	TS8	D1		23A		
09139		XA242	51									DNW	01			TS8						
01279		XA242	52						16B	9		AC00BP	06	ACZD1A	01	3	TS8	D1		24A		
09140		XA242	53									DNW	01			TS8						
01408		XA242	54			XA238	45		16B	9		AC06BP	01	ACZD1A	01	2	TS8	D1		25A		
01567		XA242	55			XA237	21		16B	9		AC13BP	01	ACZD2A	01	7	TS8	E1		29B		
01391		XA242	56			XA238	47		16B	9		AC05BP	01	ACZD1A	01	1	TS8	D1		26A		
09141		XA242	57									DNW	01			TS8						
11236		XA242	58									GND	01	GROUND			TS8					
01244		XA242	59						16B	9		ACZD2A	02	ACZD2A	00	1	TS8	E1		31B	AC ZERO DCD 07 -	
01510		XA242	60			XA237	11		16B	9		AC10BP	01	ACZD2A	01	6	TS8	E1		28A		
01584		XA242	61			XA237	35		16B	9		AC14BP	01	ACZD2A	01	8	TS8	E1		32B		
01531		XA242	62			XA237	09		16B	9		AC11BP	01	ACZD2A	01	5	TS8	E1		29A		
09142		XA242	63									DNW	01			TS8						
01549		XA242	64			XA237	23		16B	9		AC12BP	01	ACZD2A	01	4	TS8	E1		30A		
09143		XA242	65									DNW	01			TS8						
01493		XA242	66			XA238	76		16B	9		AC09BP	01	ACZD2A	01	3	TS8	E1		31A		
11237		XA242	67									GND	01	GROUND			TS8					
01473		XA242	68			XA238	57		16B	9		AC08BP	01	ACZD2A	01	2	TS8	E1		32A		
09144		XA242	69									DNW	01			TS8						
01425		XA242	70			XA238	59		16B	9		AC07BP	01	ACZD2A	01	1	TS8	E1		33A		
05848		XA242	71			XA244	43		16B	9		CMA2BP	03	AC315A	01	5	TS8	F1		36A		
05889		XA242	72			XA244	41		16B	9		CMA4BQ	04	AC315A	01	6	TS8	F1		34A		
16750		XA242	73			XA243	03		16B	9		SPA060	06	AC315A	01	4	TS8	F1		36B		
16760		XA242	74			XA243	20		16B	9		SPA061	05	AC315A	01	7	TS8	F1		35B		
03421		XA242	75						16B	9		AM03FO	11	AC315A	01	3	TS8	F1		37B		
01973		XA242	76			XA239	75		16B	9		AC315A	01	AC315A	00	1	TS8	F1		37A	DB 00 TO AC 31	
03541		XA242	77						16B	9		AM21FO	10	AC315A	01	2	TS8	F1		38B		
16769		XA242	78			XA243	48		16B	9		SPA062	03	AC315A	01	8	TS8	F1		38A		
07261		XA242	79			XA245	79		16B	9		DB00A0	02	AC315A	01	1	TS8	F1		39B		
09145		XA242	80									DNW	01			TS8						
03400		XA243	01						16B	9		AM03D0	10	AM03D0	00	1	TQ2	A2		02B	ARITH. CNTL 03 UN	
11238		XA243	02									GND	01	GROUND			TQ2			01A		
16751		XA243	03			XA243	04		16B	9		SPA060	07	AM03E0	01	1	TQ2	A3		02A		
16752		XA243	04			XA243	08		16B	9		SPA060	08	AM03D0	01	1	TQ2	A2		04A		
05863		XA243	05			XA243	07		16B	9		CMA3BP	05	AM03D0	01	2	TQ2	A2		03B		
03389		XA243	06			XA231	40		16B	9		AM03CO	10	AM03CO	00	1	TQ2	A1		05A	ARITH. CNTL 03 UN	
05864		XA243	07			XA231	33		16B	9		CMA3BP	06	AM03E0	01	2	TQ2	A3		03A		
16753		XA243	08			XA243	11		16B	9		SPA060	09	AM03CO	01	2	TQ2	A1		06A		
03409		XA243	09			XA235	52		16B	9		AM03E0	09	AM03E0	00	1	TQ2	A3		04B	ARITH. CNTL 03 UN	
05861		XA243	10			XA243	13		16B	9		CMA3BP	03	AM03CO	01	1	TQ2	A1		07A		
16754		XA243	11			XA243	17		16B	9		SPA060	10	AM03FO	01	1	TQ2	A4		05B		
00435		XA243	12									+5V	01			TQ2						
CONNECTOR (XA243) CONTINUED ON THE NEXT PAGE ****																						

DRAWING NUMBER 149012-880 CONNECTOR UNIT ASSEMBLY NO. 149012 REV E INDEX XA243
 UNIT ASSEMBLY NAME CARD CAGE ASSY,CPU L.H. FILE IDENT T39B2CP1 DATE 09-03-82 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	REF ID	PREFIX	CONNECTOR	PIN	REF ID	MULTI GROUP	CODE	COLOR	IDENT											
05862		XA243	13		XA243	05			16B	9			CMA3BP	04	AM03F0	01	2	TQ2	A4		06B		
03639		XA243	14		XA245	08			16B	9			AM53DA	09	AM53DA	00	1	TQ2	B2		09A		
03411		XA243	15		XA245	05			16B	9			AM03F0	01	AM03F0	00	1	TQ2	A4		07B	ARITH. CNTL 03 UN	
11239		XA243	16										GND	01	GROUND			TQ2			01B		
16755		XA243	17						16B	9			SPA060	11	AM53EA	01	1	TQ2	B3		08B		
05868		XA243	18		XA243	25			16B	9			CMA3BQ	02	AM53DA	01	1	TQ2	B2		10A		
05867		XA243	19		XA243	18			16B	9			CMA3BQ	01	AM53EA	01	2	TQ2	B3		09B		
16761		XA243	20		XA243	23			16B	9			SPA061	06	AM53DA	01	1	TQ2	B2		11A		
03649		XA243	21						16B	9			AM53EA	09	AM53EA	00	1	TQ2	B3		10B	ARITH. CNTL 03 UN	
03629		XA243	22		XA242	20			16B	9			AM53CA	09	AM53CA	00	1	TQ2	B1		12A	ARITH. CNTL 03 UN	
16762		XA243	23		XA243	24			16B	9			SPA061	07	AM53FA	01	1	TQ2	B4		11B		
16763		XA243	24		XA243	37			16B	9			SPA061	08	AM53CA	01	2	TQ2	B1		13A		
05869		XA243	25		XA243	26			16B	9			CMA3BQ	03	AM53FA	01	2	TQ2	B4		12B		
05870		XA243	26		XA241	72			16B	9			CMA3BQ	04	AM53CA	01	1	TQ2	B1		14A		
03658		XA243	27						16B	9			AM53FA	09	AM53FA	00	1	TQ2	B4		13B	ARITH. CNTL 03 UN	
00436		XA243	28										+5V	01									
17740		XA243	29						16B	9			SPT016	10				TQ2	C3		14B		
01172		XA243	30						16B	9			ACDB40	02	ACDB40	00	1	TQ2	C2		15A	AC CNTL CODES 1/3	
17747		XA243	31						16B	9			SPT017	07				TQ2	C3		15B		
11240		XA243	32										GND	01	GROUND			TQ2			20B		
20665		XA243	33										SPO	02				TQ2	C3		16B		
01174		XA243	34						16B	9			ACDB5A	02	ACDB40	01	2	TQ2	C2		16A		
01261		XA243	35						16B	9			ACZRC A	04	ACZRC0	01	1	TQ2	C4		17B		
03377		XA243	36		XA244	51			16B	9			AM02C0	04	ACDB40	01	1	TQ2	C2		17A		
16764		XA243	37		XA243	41			16B	9			SPA061	09	ACZRC0	01	2	TQ2	C4		18B		
01156		XA243	38						16B	9			ACDB00	02	ACDB00	00	1	TQ2	C1		18A	AC CNTL CODES 1/2	
01267		XA243	39						16B	9			ACZRC0	02	ACZRC0	00	1	TQ2	C4		19B	AC IS ZERO - 0	
01198		XA243	40		XA231	36			16B	9			ACRHCA	02	ACDB00	01	2	TQ2	C1		19A		
16765		XA243	41		XA243	47			16B	9			SPA061	10	ACZ030	01	1	TQ2	D3		22B		
01170		XA243	42						16B	9			ACDB3A	04	ACDB00	01	1	TQ2	C1		20A		
01248		XA243	43		XA241	47			16B	9			ACZ03A	01	ACZ030	01	2	TQ2	D3		23B		
22641		XA243	44										GND		GROUND			TQ2			21B		
01250		XA243	45		XA242	36			16B	9			ACZ030	01	ACZ030	00	1	TQ2	D3		24B	AC ZERO DCD 15 -	
01245		XA243	46		XA242	40			16B	9			ACZ020	01	ACZ020	00	1	TQ2	D2		21A	AC ZERO DCD 07 -	
16766		XA243	47						16B	9			SPA061	11	ACZ040	01	1	TQ2	D4		25B		
16770		XA243	48		XA243	53			16B	9			SPA062	04	ACZ020	01	2	TQ2	D2		22A		
01253		XA243	49		XA241	59			16B	9			ACZ04A	01	ACZ040	01	2	TQ2	D4		26B		
01243		XA243	50		XA242	59			16B	9			ACZ02A	01	ACZ020	01	1	TQ2	D2		23A		
01255		XA243	51		XA242	42			16B	9			ACZ040	01	ACZ040	00	1	TQ2	D4		27B	AC ZERO DCD 23 -	
01240		XA243	52		XA242	37			16B	9			ACZ010	01	ACZ010	00	1	TQ2	D1		24A	AC ZERO DCD SE -	
16771		XA243	53		XA243	56			16B	9			SPA062	05	AM51EA	01	1	TQ2	E3		28B		
01238		XA243	54		XA242	47			16B	9			ACZ01A	01	ACZ010	01	2	TQ2	D1		25A		
05822		XA243	55		XA211	13			16B	9			CMA1BQ	04	AM51EA	01	2	TQ2	E3		29B		
16772		XA243	56		XA243	59			16B	9			SPA062	06	ACZ010	01	1	TQ2	D1		26A		
03602		XA243	57		XA249	65			16B	9			AM51EA	02	AM51EA	00	1	TQ2	E3		30B	ARITH. CNTL 01 UN	
05824		XA243	58										GND		GROUND			TQ2			27A		
16773		XA243	59		XA243	64			16B	9			SPA062	07	AM51FA	01	1	TQ2	E4		31B		
03599		XA243	60		XA249	13			16B	9			AM51DA	09	AM51DA	00	1	TQ2	E2		28A	ARITH. CNTL 01 UN	
05820		XA243	61		XA243	62			16B	9			CMA1BQ	02	AM51FA	01	2	TQ2	E4		32B		
05821		XA243	62		XA243	55			16B	9			CMA1BQ	03	AM51DA	01	2	TQ2	E2		29A		
CONNECTOR XA243 CONTINUED ON THE NEXT PAGE ****																							

DRAWING NUMBER 149012-880 CONNECTOR UNIT ASSEMBLY NO. 149012 REV E INDEX XA243
 UNIT ASSEMBLY NAME CARD CAGE ASSY,CPU L.H. FILE IDENT T39B2CP1 DATE 09-03-82 PAGE 160

RECORD NUMBER	FROM				TO				WIRE			SIGNAL	SEQ NO	EQUATION	TERM	FACTOR	CKT OP CHIP TYPE	GROUP	LOAD CP POWER PLANE	TEST POINTS LAND OR	SIGNAL DESCRIPTION	ECO NO	
	PREFIX	CONNECTOR	PIN	SMT	PREFIX	CONNECTOR	PIN	SMT	MULTI GROUP	CODE	COLOR												IDENT
03620		XA243	63							16B	9		AM51FA	10	AM51FA	00	1	TQ2	E4		33B	ARITH. CNTL 01 UN	
16774		XA243	64		XA243	65				16B	9		SPA062	08	AM51DA	01	1	TQ2	E2		30A		
16775		XA243	65		XA243	70				16B	9		SPA062	09	AM71EA	01	1	TQ2	F3		34B		
03590		XA243	66							16B	9		AM51CA	11	AM51CA	00	1	TQ2	E1		31A	ARITH. CNTL 01 UN	
11241		XA243	67										GND	01	GROUND			TQ2			40A		
05819		XA243	68		XA243	61				16B	9		CMA1BQ	01	AM51CA	01	2	TQ2	F1		32A		
03760		XA243	69		XA249	53				16B	9		AM71EA	02	AM71EA	00	1	TQ2	F3		35A	ARITH. CNTL 01 UN	
16776		XA243	70		XA243	73				16B	9		SPA062	10	AM51CA	01	1	TQ2	E1		23A		
05837		XA243	71		XA243	74				16B	9		CMA1CQ	03	AM71DA	01	2	TQ2	F2		36A		
03757		XA243	72		XA249	06				16B	9		AM71DA	05	AM71DA	01	1	TQ2	F2		34A	ARITH. CNTL 01 UN	
16777		XA243	73							16B	9		SPA062	11	AM71DA	01	1	TQ2	F2		36B		
05838		XA243	74		XA241	78				16B	9		CMA1CQ	04	AM71EA	01	2	TQ2	F3		35B		
03747		XA243	75		XA249	01				16B	9		AM71CA	10	AM71CA	00	1	TQ2	F1		37B	ARITH. CNTL 01 UN	
16779		XA243	76		XA243	79				16B	9		SPA063	02	AM71FA	01	1	TQ2	F4		37A		
05835		XA243	77		XA243	78				16B	9		CMA1CQ	01	AM71CA	01	2	TQ2	F1		38B		
05836		XA243	78		XA243	71				16B	9		CMA1CQ	02	AM71FA	01	2	TQ2	F4		38A		
16780		XA243	79		XA244	03				16B	9		SPA063	03	AM71CA	01	1	TQ2	F1		39B		
03778		XA243	80							16B	9		AM71FA	10	AM71FA	00	1	TQ2	F4		39A	ARITH. CNTL 01 UN	
01154		XA244	01							16B	9		ACD80A	03	ACD80A	00	1	TQ2	A2		02B	AC CNTL CODES 1/2	
11242		XA244	02										GND	01	GROUND			TQ2			01A		
16781		XA244	03		XA244	05				16B	9		SPA063	04	ACDQCO	01	1	TQ2	A3		02A		
01155		XA244	04		XA243	38				16B	9		ACD800	01	ACD80A	01	1	TQ2	A2		04A		
16782		XA244	05		XA244	08				16B	9		SPA063	05	ACD80A	01	2	TQ2	A2		03B		
01025		XA244	06		XA246	49				16B	9		ACAQCO	04	ACAQCO	00	1	TQ2	A1		05A	AQ 00 TO AC FULL	
01177		XA244	07							16B	9		ACDQCA	03	ACDQCO	01	2	TQ2	A3		03A		
16783		XA244	08		XA244	11				16B	9		SPA063	06	ACAQCO	01	2	TQ2	A1		06A		
01183		XA244	09							16B	9		ACDQCO	06	ACDQCO	00	1	TQ2	A3		04B	AD/AC SIGN COMPAR	
01020		XA244	10		XA244	34				16B	9		ACAQCA	02	ACAQCO	01	1	TQ2	A1		07A		
16784		XA244	11		XA244	18				16B	9		SPA063	07	ACMTCO	01	1	TQ2	A4		05B		
00437		XA244	12										+5V	01				TQ2					
01190		XA244	13		XA242	08				16B	9		ACMTCA	02	ACMTCO	01	2	TQ2	A4		06B		
01225		XA244	14							16B	9		ACSECO	02	ACSECO	00	1	TQ2	B2		09A	AC SE UNLOAD GATE	
01196		XA244	15							16B	9		ACMTCO	04	ACMTCO	00	1	TQ2	A4		07B	MTH SIGN EXTEND C	
11243		XA244	16										GND	01	GROUND			TQ2			01B		
01284		XA244	17							16B	9		ACD80Q	05	ACD80CA	01	1	TQ2	B3		08B		
16785		XA244	18		XA244	19				16B	9		SPA063	08	ACSECO	01	2	TQ2	B2		10A		
16786		XA244	19		XA244	23				16B	9		SPA063	09	ACD80CA	01	2	TQ2	B3		09B		
01213		XA244	20		XA238	11				16B	9		ACSEBP	03	ACSECO	01	1	TQ2	B2		11A		
01289		XA244	21		XA113	07				16B	9		ACD80CA	01	ACD80CA	00	1	TQ2	B3		10B	AC 00 UNLOAD - A	
01202		XA244	22							16B	9		ACRHCO	02	ACRHCO	00	1	TQ2	B1		12A	RPLC HALF SN XTND	
16787		XA244	23		XA244	24				16B	9		SPA063	10	ACD80CO	01	1	TQ2	B4		11B		
16788		XA244	24							16B	9		SPA063	11	ACRHCO	01	2	TQ2	B1		13A		
01277		XA244	25		XA244	29				16B	9		ACD80P	04	ACD80CO	01	2	TQ2	B4		12B		
01197		XA244	26		XA243	40				16B	9		ACRHCA	01	ACRHCO	01	1	TQ2	B1		14A		
01295		XA244	27		XA224	03				16B	9		ACD80CO	03	ACD80CO	00	1	TQ2	B4		13B	AC 00 TRUE OUTPUT	
00438		XA244	28										+5V	01				TQ2					
01278		XA244	29		XA242	52				16B	9		ACD80P	05	ACLS1A	01	1	TQ2	C3		14B		
01173		XA244	30		XA243	34				16B	9		ACD85A	01	ACD85A	00	1	TQ2	C2		15A	AC CNTL CODES 5/7	
CONNECTOR (XA244) CONTINUED ON THE NEXT PAGE ****																							

DRAWING NUMBER 149012-880 CONNECTOR UNIT ASSEMBLY NO. 149012 REV E INDEX XA244
 UNIT ASSEMBLY NAME CARD CAGE ASSY,CPU L.H. FILE IDENT T39B2CP1 DATE 09-03-82 PAGE 161

RECORD NUMBER	FROM			TO			WIRE			MULTI GROUP	CODE	COLOR	IDENT	SPEC. INST. MISC.	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	PREFIX	CONNECTOR	PIN	SIZE	GAUGE	TYPE																
03293		XA244	31		XA130	63				168	9			AMSF A0 GND	01	ACLS1A GROUND	01	2	TQ2	C3		158			
01291		XA244	32																				208		
01185		XA244	33		XA242	22				168	9			ACLS1A	02	ACLS1A	00	1	TQ2	C3			168	SHIFT RT/LEFT ALG	
01021		XA244	34							168	9			ACAQCA	03	ACDB5A	01	2	TQ2	C2			16A		
03290		XA244	35		XA231	07				168	9			AMSF A0	01	ACLS2A	01	1	TQ2	C4			17B		
01175		XA244	36		XA245	09				168	9			ACDQCA	01	ACOB5A	01	1	TQ2	C2			17A		
01310		XA244	37		XA242	46				168	9			AC01BP	01	ACLS2A	01	2	TQ2	C4			18B		
01169		XA244	38		XA243	42				168	9			ACDB3A	03	ACDB3A	00	1	TQ2	C1			18A	AC CNTL CODES 1/3	
01168		XA244	39							168	9			ACL S2A	02	ACLS2A	00	1	TQ2	C4			19B	SHIFT LEFT LOGICA	
05888		XA244	40		XA242	72				168	9			CMA4BQ	03	ACDB3A	01	2	TQ2	C1			19A		
05890		XA244	41		XA231	35				168	9			CMA4BQ	05	AC316A	01	1	TQ2	D3			22B		
01171		XA244	42		XA243	30				168	9			ACDB40	01	ACDB3A	01	1	TQ2	C1			20A		
05849		XA244	43		XA231	38				168	9			CMA2BP GND	04	AC316A GROUND	01	2	TQ2	D3			23B		
11244		XA244	44																				21B		
01976		XA244	45							168	9			AC316A	02	AC316A	00	1	TQ2	D3			24B	AQ 00 TO AC 31 IN	
01205		XA244	46		XA242	24				168	9			ACRS2A	01	ACRS2A	00	1	TQ2	D2			21A	AQ 00 TO AC 00 -	
16790		XA244	47		XA244	53				168	9			SPA064	02	AM02C0	01	1	TQ2	D4			25B		
03289		XA244	48							168	9			AMRFTC	04	ACRS2A	01	2	TQ2	D2			22A		
05847		XA244	49		XA242	71				168	9			CMA2BP	02	AM02C0	01	2	TQ2	D4			26B		
03936		XA244	50							168	9			AQ00BP	07	ACRS2A	01	1	TQ2	D2			23A		
03378		XA244	51		XA235	54				168	9			AM02C0	05	AM02C0	00	1	TQ2	D4			27B	ARITH. CNTL 02 UN	
01203		XA244	52		XA242	26				168	9			ACRS1A	01	ACRS1A	00	1	TQ2	D1			24A	AC SE TO AC 00 -	
16791		XA244	53		XA244	59				168	9			SPA064	03	AM01E0	01	1	TQ2	E3			28B		
06578		XA244	54							168	9			CQA2CA	02	ACRS1A	01	2	TQ2	D1			25A		
05816		XA244	55		XA245	55				168	9			CMA1BP	05	AM01E0	01	2	TQ2	E3			29B		
01211		XA244	56		XA242	50				168	9			ACSEBP	01	ACRS1A	01	1	TQ2	D1			26A		
03357		XA244	57		XA248	66				168	9			AM01E0	02	AM01E0	00	1	TQ2	E3			30B	ARITH. CNTL 01 UN	
11245		XA244	58											GND	01	GROUND							27A		
16792		XA244	59		XA244	64				168	9			SPA064	04	AM01F0	01	1	TQ2	E4			31B		
03355		XA244	60							168	9			AM01D0	09	AM01D0	00	1	TQ2	E2			28A	ARITH. CNTL 01 UN	
05814		XA244	61		XA244	62				168	9			CMA1BP	03	AM01F0	01	2	TQ2	E4			32B		
05815		XA244	62		XA244	55				168	9			CMA1BP	04	AM01D0	01	2	TQ2	E2			29A		
03375		XA244	63							168	9			AM01F0	09	AM01F0	00	1	TQ2	E4			33B	ARITH. CNTL 01 UN	
16793		XA244	64		XA244	65				168	9			SPA064	05	AM01D0	01	1	TQ2	E2			30A		
16794		XA244	65		XA244	68				168	9			SPA064	06	AM21E0	01	1	TQ2	F3			34B		
03345		XA244	66		XA242	25				168	9			AM01C0	09	AM01C0	00	1	TQ2	E1			31A	ARITH. CNTL 01 UN	
11246		XA244	67											GND	01	GROUND							40A		
16795		XA244	68		XA244	73				168	9			SPA064	07	AM01C0	01	2	TQ2	E1			32A		
03524		XA244	69		XA249	75				168	9			AM21E0	02	AM21E0	00	1	TQ2	F3			35A	ARITH. CNTL 01 UN	
05813		XA244	70		XA244	61				168	9			CMA1BP	02	AM01C0	01	1	TQ2	E1			33A		
05831		XA244	71		XA244	74				168	9			CMA1CP	04	AM21D0	01	2	TQ2	F2			36A		
03522		XA244	72							168	9			AM21D0	09	AM21D0	00	1	TQ2	F2			34A	ARITH. CNTL 01 UN	
16796		XA244	73							168	9			SPA064	08	AM21D0	01	1	TQ2	F2			36B		
05832		XA244	74		XA231	52				168	9			CMA1CP	05	AM21E0	01	2	TQ2	F3			35B		
03513		XA244	75							168	9			AM21C0	10	AM21C0	00	1	TQ2	F1			37B	ARITH. CNTL 01 UN	
16798		XA244	76		XA244	77				168	9			SPA065	02	AM21F0	01	1	TQ2	F4			37A		
16799		XA244	77		XA245	14				168	9			SPA065	03	AM21C0	01	2	TQ2	F1			38B		
05830		XA244	78		XA244	71				168	9			CMA1CP	03	AM21F0	01	2	TQ2	F4			38A		
05829		XA244	79		XA244	78				168	9			CMA1CP	02	AM21C0	01	1	TQ2	F1			39B		
03540		XA244	80		XA242	77				168	9			AM21F0	09	AM21F0	00	1	TQ2	F4			39A	ARITH. CNTL 01 UN	

DRAWING NUMBER 149012-880 CONNECTOR UNIT ASSEMBLY NO. 149012 REV E INDEX XA245
 UNIT ASSEMBLY NAME CARD CAGE ASSY,CPU L.H. FILE IDENT T39B2CP1 DATE 09-03-82 PAGE 162

RECORD NUMBER	FROM				TO				WIRE				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	SP P2	PREFIX	CONNECTOR	PIN	SP P2	MULTI GROUP	CODE	COLOR	IDENT											
06657		XA245	01							16B	9		CQB1C0	02	ACDQCA	01	3	TD4	A2		02B		
11247		XA245	02									GND	01	GRND				TD4			01A		
09146		XA245	03									DNW	01					TD4					
03375		XA245	04		XA245	06				16B	9	AM02C0	02	ACDQCA	01	1	TD4	A2			04A		
03412		XA245	05		XA247	17				16B	9	AM03F0	02	ACDQCA	01	2	TD4	A2			03B		
03376		XA245	06		XA243	36				16B	9	AM02C0	03	ACAQCA	01	3	TD4	A1			05A		
05886		XA245	07		XA245	13				16B	9	CMA4BQ	01	ACDQCA	01	4	TD4	A2			03A		
03640		XA245	08							16B	9	AM53DA	10	ACAQCA	01	2	TD4	A1			06A		
01176		XA245	09		XA244	07				16B	9	ACDQCA	02	ACDQCA	00	1	TD4	A2			04B	AD/AC SIGN COMPAR	
06611		XA245	10							16B	9	CQA3C0	04	ACAQCA	01	1	TD4	A1			07A		
01019		XA245	11		XA244	10				16B	9	ACAQCA	01	ACAQCA	00	1	TD4	A1			05B	AQ 00 TO AC FULL	
00439		XA245	12									+5V	01					TD4					
05887		XA245	13		XA244	40				16B	9	CMA4BQ	02	ACAQCA	01	4	TD4	A1			06B		
16800		XA245	14		XA245	36				16B	9	SPA065	04	ACDBE0	01	3	TD4	B2			09A		
09147		XA245	15									DNW	01					TD4					
11248		XA245	16									GND	01	GROUND				TD4			20B		
09148		XA245	17									DNW	01					TD4					
01166		XA245	18							16B	9	ACDB2A	05	ACDBE0	01	2	TD4	B2			10A		
01153		XA245	19		XA244	01				16B	9	ACDB0A	02	ACDBE0	01	4	TD4	B2			09B		
01161		XA245	20							16B	9	ACDB1A	05	ACDBE0	01	1	TD4	B2			11A		
01142		XA245	21							16B	9	ACDBE0	09	ACDBE0	00	1	TD4	B2			10B	DB 16 - 23 TO AC	
01152		XA245	22		XA245	19				16B	9	ACDB0A	01	ACDBF0	01	3	TD4	B1			12A		
01147		XA245	23		XA247	21				16B	9	ACDBF0	05	ACDBF0	00	1	TD4	B1			11B	DB 24 - 31 TO AC	
01189		XA245	24		XA244	13				16B	9	ACMTCA	01	ACDBF0	01	2	TD4	B1			13A		
01165		XA245	25		XA245	18				16B	9	ACDB2A	04	ACDBF0	01	4	TD4	B1			12B		
01160		XA245	26		XA245	20				16B	9	ACDB1A	04	ACDBF0	01	1	TD4	B1			14A		
09149		XA245	27									DNW	01					TD4					
00440		XA245	28									+5V	01					TD4					
09150		XA245	29									DNW	01					TD4					
03768		XA245	30							16B	9	AM71EA	10	AC202A	01	3	TD4	C2			15A		
02633		XA245	31		XA146	70				16B	9	AD2084	04	AC202A	01	4	TD4	C2			15B		
11249		XA245	32									GND	01	GROUND				TD4			21B		
01738		XA245	33		XA240	10				16B	9	AC202A	01	AC202A	00	1	TD4	C2			16B	ADDER TO AC REG.	
00994		XA245	34							16B	9	ACADE0	09	AC202A	01	2	TD4	C2			16A		
01133		XA245	35							16B	9	ACDBD0	09	ACDBD0	00	1	TD4	C1			17B	DB 08 - 15 TO AC	
16801		XA245	36		XA245	42				16B	9	SPA065	05	AC202A	01	1	TD4	C2			17A		
01168		XA245	37		XA244	38				16B	9	ACDB3A	02	ACDBD0	01	4	TD4	C1			18B		
01159		XA245	38		XA245	26				16B	9	ACDB1A	03	ACDBD0	01	3	TD4	C1			18A		
09151		XA245	39									DNW	01					TD4					
01164		XA245	40		XA245	25				16B	9	ACDB2A	03	ACDBD0	01	2	TD4	C1			19A		
09152		XA245	41									DNW	01					TD4					
16802		XA245	42		XA245	43				16B	9	SPAC65	06	ACDBD0	01	1	TD4	C1			20A		
16803		XA245	43		XA245	68				16B	9	SPA065	07	ACAD1A	01	4	TD4	D2			23B		
05810		XA245	44									GND		GROUND				TD4			27A		
01008		XA245	45							16B	9	ACAD1A	05	ACAD1A	00	1	TD4	D2			24B	AD/AC SIGNS EQUAL	
01182		XA245	46		XA244	09				16B	9	ACDQC0	05	ACAD1A	01	3	TD4	D2			21A		
01971		XA245	47		XA239	78				16B	9	AC314A	01	AC314A	00	1	TD4	D1			25B	AQ 00 TO AC 31	
03221		XA245	48		XA246	68				16B	9	AL00C0	02	ACAD1A	01	2	TD4	D2			22A		
03536		XA245	49		XA247	68				16B	9	AM21F0	05	AC314A	01	4	TD4	D1			26B		
00745		XA245	5C		XA111	54				16B	9	ABSEDB	02	ACAD1A	01	1	TD4	D2			23A	ADDER AB INPUT -	
CONNECTOR XA245 CONTINUED ON THE NEXT PAGE ***																							

DRAWING NUMBER 149012-880 CONNECTOR UNIT ASSEMBLY NO. 149012 REV E INDEX XA245
 UNIT ASSEMBLY NAME CARD CAGE ASSY,CPU L.H. FILE IDENT T39B2CP1 DATE 09-03-82 PAGE 163

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	REF	PREFIX	CONNECTOR	PIN	REF	MULTI GROUP	CODE	COLOR	IDENT											
09153		XA245	51										DNW	01			TD4						
01975		XA245	52		XA244	45			16B	9			AC316A	01	AC314A	01	3	TD4	D1		24A		
09154		XA245	53										DNW	01			TD4						
03417		XA245	54		XA247	70			16B	9			AM03F0	07	AC314A	01	2	TD4	D1		25A		
05817		XA245	55		XA211	11			16B	9			CMA1BP	06	ACCP1A	01	4	TD4	E2		29B		
03940		XA245	56		XA321	76			16B	9			AQ00BQ	04	AC314A	01	1	TD4	D1		26A		
01069		XA245	57		XA235	42			16B	9			ACCP1A	01	ACCP1A	00	1	TD4	E2		30B	DISABLE AC CLOCK	
22642		XA245	58										GND		GRCUND			TD4			40A		
01013		XA245	59						16B	9			ACAD2A	05	ACAD2A	00	1	TD4	E1		31B	AD/AC SIGNS EQUAL	
05846		XA245	60		XA244	49			16B	9			CMA2BP	01	ACCP1A	01	3	TD4	E2		28A		
02110		XA245	61		XA225	01			16B	9			A000LA	02	ACAD2A	01	4	TD4	E1		32B		
05880		XA245	62		XA241	74			16B	9			CMA4BP	02	ACCP1A	01	2	TD4	E2		29A		
09155		XA245	63										DNW	01			TD4						
05860		XA245	64		XA243	10			16B	9			CMA3BP	02	ACCP1A	01	1	TD4	E2		30A		
09156		XA245	65										DNW	01			TD4						
00741		XA245	66		XA226	06			16B	9			ABSECA	02	ACAD2A	01	3	TD4	E1		31A		
11250		XA245	67										GND	01	GROUND			TD4			40B		
16804		XA245	68						16B	9			SPA065	08	ACAD2A	01	2	TD4	E1		32A		
01305		XA245	69						16B	9			AC004A	02	AC004A	00	1	TD4	F2		35A	AC LEFT SHIFT BIT	
01179		XA245	70		XA246	66			16B	9			ACDQC0	02	ACAD2A	01	1	TD4	E1		33A		
01184		XA245	71		XA244	33			16B	9			ACLS1A	01	AC004A	01	2	TD4	F2		36A		
03388		XA245	72		XA243	06			16B	9			AM03C0	09	AC004A	01	3	TD4	F2		34A		
03512		XA245	73		XA244	75			16B	9			AM21C0	09	AC004A	01	1	TD4	F2		36B		
01187		XA245	74		XA244	39			16B	9			ACLS2A	01	AC004A	01	4	TD4	F2		35B		
05859		XA245	75		XA245	64			16B	9			CMA3BP	01	ACSE1A	01	3	TD4	F1		37B		
01227		XA245	76						16B	9			ACSE1A	02	ACSE1A	00	1	TD4	F1		37A	BUS 00 TO AC SE	
03589		XA245	77		XA243	66			16B	9			AM51CA	10	ACSE1A	01	2	TD4	F1		38B		
01124		XA245	78						16B	9			ACDBCO	10	ACSE1A	01	4	TD4	F1		38A		
07262		XA245	79		XA350	14			16B	9			DB00A0	03	ACSE1A	01	1	TD4	F1		39B		
09157		XA245	80										DNW	01			TD4						
03769		XA246	01		XA247	11			16B	9			AM71FA	01	AC292A	01	2	TT3	A2		02B		
11251		XA246	02										GND	01	GROUND			TT3			01B		
02855		XA246	03		XA145	61			16B	9			AD29B4	04	AC292A	01	3	TT3	A2		02A		
01923		XA246	04		XA239	48			16B	9			AC291A	01	AC291A	00	1	TT3	A1		04A	BUS TO AC REG. -	
01003		XA246	05						16B	9			ACADF0	09	AC292A	01	1	TT3	A2		03B		
08454		XA246	06		XA145	55			16B	9			DB29A0	02	AC291A	01	3	TT3	A1		05A		
01925		XA246	07		XA239	46			16B	9			AC292A	01	AC292A	00	1	TT3	A2		03A	ADDER TO AC REG.	
03612		XA246	08		XA246	17			16B	9			AM51FA	02	AC291A	01	2	TT3	A1		06A		
03365		XA246	09		XA247	26			16B	9			AM01F0	01	AC293A	01	1	TT3	A3		04B		
01150		XA246	10		XA247	05			16B	9			ACDBF0	08	AC291A	01	1	TT3	A1		07A		
01899		XA246	11		XA236	43			16B	9			AC28BQ	02	AC293A	01	2	TT3	A3		05B		
00441		XA246	12										+5V	01			TT3						
03657		XA246	13		XA243	27			16B	9			AM53FA	08	AC293A	01	3	TT3	A3		06B		
01149		XA246	14		XA246	10			16B	9			ACDBF0	07	AC301A	01	2	TT3	B2		09A		
01927		XA246	15		XA239	50			16B	9			AC293A	01	AC293A	00	1	TT3	A3		07B	AC RT. SHIFT 28 T	
11252		XA246	16										GND	01	GROUND			TT3			21B		
03613		XA246	17		XA247	25			16B	9			AM51FA	03	AC301A	01	3	TT3	B2		08B		
08514		XA246	18		XA145	73			16B	9			DB30A0	02	AC301A	01	1	TT3	B2		10A		
CONNECTOR (XA246) CONTINUED ON THE NEXT PAGE ****																							

DRAWING NUMBER 149012-880 CONNECTOR UNIT ASSEMBLY NO. 149012 REV E INDEX XA246
 UNIT ASSEMBLY NAME CARD CAGE ASSY,CPU L.H. FILE IDENT T39B2CP1 DATE 09-03-82 PAGE 164

RECORD NUMBER	FROM			SHEG	TO			MULTI GROUP	WIRE			SFC INST	MISC	SIGNAL	SEQ NO	EQUATION	TERM	FACTOR	CKT OF CHIP TYPE	GROUP	LOAD CP POWER PLANE	TEST POINTS AND/OR	SIGNAL DESCRIPTION	ECO NO
	PREFIX	CONNECTOR	PIN		PREFIX	CONNECTOR	PIN		CODE	COLOR	IDENT													
01942	XA246	19			XA239	55			16B	9		AC301A	01	AC301A	00	1	TT3	B2		09B		BUS TO AC REG. -		
01929	XA246	20			XA239	52			16B	9		AC294A	01	AC294A	00	1	TT3	B1		11A		AC LEFT SHIFT 30		
01001	XA246	21			XA247	13			16B	9		ACADF0	07	AC302A	01	1	TT3	B3		10B				
01937	XA246	22			XA246	48			16B	9		AC30B0	01	AC294A	01	3	TT3	B1		12A				
03771	XA246	23			XA247	40			16B	9		AM71FA	03	AC302A	01	2	TT3	B3		11B				
03533	XA246	24			XA246	29			16B	9		AM21F0	02	AC294A	01	2	TT3	B1		13A				
02868	XA246	25			XA145	74			16B	9		AD30B4	04	AC302A	01	3	TT3	B3		12B				
03414	XA246	26			XA246	30			16B	9		AM03F0	04	AC294A	01	1	TT3	B1		14A				
01944	XA246	27			XA239	62			16B	9		AC302A	01	AC302A	00	1	TT3	B3		13B		ADDER TO AC REG.		
00442	XA246	28										+5V	01											
03534	XA246	29			XA247	37			16B	9		AM21F0	03	AC304A	01	3	TT3	C2		14B				
03415	XA246	30			XA247	35			16B	9		AM03F0	05	AC304A	01	2	TT3	C2		15A				
01948	XA246	31			XA239	70			16B	9		AC304A	01	AC304A	00	1	TT3	C2		15B		AC LEFT SHIFT 31		
11253	XA246	32										GND	01	GROUND						27A				
08574	XA246	33			XA141	78			16B	9		DB31A0	02	AC311A	01	1	TT3	C3		16B				
01961	XA246	34			XA132	05			16B	9		AC31B0	05	AC304A	01	1	TT3	C2		16A				
01146	XA246	35			XA245	23			16B	9		ACDBF0	04	AC311A	01	2	TT3	C3		17B				
01946	XA246	36			XA239	64			16B	9		AC303A	01	AC303A	00	1	TT3	C1		17A		AC RT. SHIFT 29 T		
03615	XA246	37			XA246	45			16B	9		AM51FA	05	AC311A	01	3	TT3	C3		18B				
01919	XA246	38			XA236	61			16B	9		AC29B0	02	AC303A	01	3	TT3	C1		18A				
01965	XA246	39			XA239	72			16B	9		AC311A	01	AC311A	00	1	TT3	C3		19B		BUS TO AC REG. -		
03654	XA246	40			XA247	30			16B	9		AM53FA	05	AC303A	04	2	TT3	C1		19A				
03653	XA246	41			XA246	40			16B	9		AM53FA	04	AC313A	01	3	TT3	D2		22B				
03368	XA246	42			XA246	46			16B	9		AM01F0	04	AC303A	01	1	TT3	C1		20A				
01969	XA246	43			XA239	73			16B	9		AC313A	01	AC313A	00	1	TT3	D2		23B		AC RT. SHIFT 30 T		
11254	XA246	44										GND	01	GROUND						40A				
03616	XA246	45			XA247	54			16B	9		AM51FA	06	AC318A	01	1	TT3	D3		24B				
03365	XA246	46			XA247	49			16B	9		AM01F0	05	AC313A	01	2	TT3	D2		21A				
03950	XA246	47			XA247	10			16B	9		AQ00C0	01	AC318A	01	2	TT3	D3		25B				
01938	XA246	48			XA236	55			16B	9		AC30B0	02	AC313A	01	1	TT3	D2		22A				
01026	XA246	49										ACAQC0	05	AC318A	01	3	TT3	D3		26B				
01967	XA246	50			XA239	74			16B	9		AC312A	01	AC312A	00	1	TT3	D1		23A		ADDER TO AC REG.		
01977	XA246	51			XA239	71			16B	9		AC318A	01	AC318A	00	1	TT3	D3		27B		AQ 00 TO AC 24 -		
02883	XA246	52			XA140	64			16B	9		AD31B1	04	AC312A	01	3	TT3	D1		24A				
01181	XA246	53			XA245	46			16B	9		ACDQC0	04	ACDB2A	01	3	TT3	E2		28B				
03774	XA246	54			XA247	57			16B	9		AM71FA	06	AC312A	01	2	TT3	D1		25A				
01163	XA246	55			XA245	40			16B	9		ACDB2A	02	ACDB2A	00	1	TT3	E2		29B		AD/AC SIGNS NOT E		
00998	XA246	56			XA247	41			16B	9		ACADF0	04	AC312A	01	1	TT3	D1		26A				
01007	XA246	57			XA245	45			16B	9		ACA01A	04	ACADC0	01	1	TT3	E3		30B				
11255	XA246	58										GND	01	GROUND						40B				
01017	XA246	59			XA242	11			16B	9		ACA03A	04	ACADC0	01	2	TT3	E3		31B				
00744	XA246	60			XA245	50			16B	9		ABSEDB	01	ACDB2A	01	2	TT3	E2		28A		ADDER AB INPUT -		
01012	XA246	61			XA245	59			16B	9		ACAD2A	04	ACADC0	01	3	TT3	E3		32B				
02109	XA246	62			XA245	61			16B	9		AD00LA	01	ACDB2A	01	1	TT3	E2		29A				
00976	XA246	63							16B	9		ACADC0	10	ACADC0	00	1	TT3	E3		33B		AD SE - 07 TO AC		
01158	XA246	64			XA245	38			16B	9		ACDB1A	02	ACDB1A	00	1	TT3	E1		30A		AD/AC SIGNS NOT E		
01011	XA246	65			XA246	61			16B	9		ACAD2A	03	ACADE0	01	3	TT3	F2		34B				
01180	XA246	66			XA246	53			16B	9		ACDQC0	03	ACDB1A	01	3	TT3	E1		31A				
11256	XA246	67										GND	01	GROUND										
03222	XA246	68			XA235	57			16B	9		AL00C0	03	ACDB1A	01	2	TT3	E1		32A				
CONNECTOR XA246 CONTINUED ON THE NEXT PAGE ****																								

DRAWING NUMBER 149012-880 CONNECTOR UNIT ASSEMBLY NO. 149012 REV E INDEX XA246
 UNIT ASSEMBLY NAME CARD CAGE ASSY,CPU L.H. FILE IDENT T39B2CP1 DATE 09-03-82 PAGE 165

RECORD NUMBER	FROM			TO			WIRE				SFC INST. W/ISSC	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												
05862		XA243	13		XA243	05		16B	9			CMA3BP	04	AM03F0	01	2	TQ2	A4		06B		
03639		XA243	14		XA245	08		16B	9			AM53DA	09	AM53DA	00	1	TQ2	B2		09A	ARITH. CNTL 03 UN	
03411		XA243	15		XA245	05		16B	9			AM03F0	01	AM03F0	00	1	TQ2	A4		07B	ARITH. CNTL 03 UN	
11239		XA243	16									GND	01	GROUND			TQ2			01B		
16755		XA243	17					16B	9			SPA060	11	AM53EA	01	1	TQ2	B3		08B		
05868		XA243	18		XA243	25		16B	9			CMA3BQ	02	AM53DA	01	2	TQ2	B2		10A		
05867		XA243	19		XA243	18		16B	9			CMA3BQ	01	AM53EA	01	2	TQ2	B3		09B		
16761		XA243	20		XA243	23		16B	9			SPA061	06	AM53DA	01	1	TQ2	B2		11A		
03649		XA243	21					16B	9			AM53EA	09	AM53EA	00	1	TQ2	B3		10B	ARITH. CNTL 03 UN	
03629		XA243	22		XA242	20		16B	9			AM53CA	09	AM53CA	00	1	TQ2	B1		12A	ARITH. CNTL 03 UN	
16762		XA243	23		XA243	24		16B	9			SPA061	07	AM53FA	01	1	TQ2	B4		11B		
16763		XA243	24		XA243	37		16B	9			SPA061	08	AM53CA	01	2	TQ2	B1		13A		
05869		XA243	25		XA243	26		16B	9			CMA3BQ	03	AM53FA	01	2	TQ2	B4		12B		
05870		XA243	26		XA241	72		16B	9			CMA3BQ	04	AM53CA	01	1	TQ2	B1		14A		
03658		XA243	27					16B	9			AM53FA	09	AM53FA	00	1	TQ2	B4		13B	ARITH. CNTL 03 UN	
00436		XA243	28									+5V	01				TQ2					
17740		XA243	29					16B	9			SPI016	10		01	1	TQ2	C3		14B		
01172		XA243	30					16B	9			ACDB40	02	ACDB40	00	1	TQ2	C2		15A	AC CNTL CODES 1/3	
17747		XA243	31					16B	9			SPI017	07		01	2	TQ2	C3		15B		
11240		XA243	32									GND	01	GROUND			TQ2		20B			
20665		XA243	33									SPJ	02		00	1	TQ2	C3		16B		
01174		XA243	34					16B	9			ACDB5A	02	ACDB40	01	2	TQ2	C2		16A		
01261		XA243	35					16B	9			ACZRC0	04	ACZRC0	01	1	TQ2	C4		17B		
03377		XA243	36		XA244	51		16B	9			AM02C0	04	ACDB40	01	1	TQ2	C2		17A		
16764		XA243	37		XA243	41		16B	9			SPA061	09	ACZRC0	01	2	TQ2	C4		18B		
01156		XA243	38					16B	9			ACDB00	02	ACDB00	00	1	TQ2	C1		18A	AC CNTL CODES 1/2	
01267		XA243	39					16B	9			ACZRC0	02	ACZRC0	00	1	TQ2	C4		19B	AC IS ZERO - 0	
01198		XA243	40		XA231	36		16B	9			ACRHCA	02	ACDB00	01	2	TQ2	C1		19A		
16765		XA243	41		XA243	47		16B	9			SPA061	10	ACZ030	01	1	TQ2	D3		22B		
01170		XA243	42					16B	9			ACDB3A	04	ACDB00	01	1	TQ2	C1		20A		
01248		XA243	43		XA241	47		16B	9			ACZ03A	01	ACZ030	01	2	TQ2	D3		23B		
22641		XA243	44									GND		GROUND			TQ2			21B		
01250		XA243	45		XA242	36		16B	9			ACZ030	01	ACZ030	00	1	TQ2	D3		24B	AC ZERO DCD 15 -	
01245		XA243	46		XA242	40		16B	9			ACZ020	01	ACZ020	00	1	TQ2	D2		21A	AC ZERO DCD 07 -	
16766		XA243	47					16B	9			SPA061	11	ACZ040	01	1	TQ2	D4		25B		
16770		XA243	48		XA243	53		16B	9			SPA062	04	ACZ020	01	2	TQ2	D2		22A		
01253		XA243	49		XA241	59		16B	9			ACZ04A	01	ACZ040	01	2	TQ2	D4		26B		
01243		XA243	50		XA242	59		16B	9			ACZ02A	01	ACZ020	01	1	TQ2	D2		23A		
01255		XA243	51		XA242	42		16B	9			ACZ040	01	ACZ040	00	1	TQ2	D4		27B	AC ZERO DCD 23 -	
01240		XA243	52		XA242	37		16B	9			ACZ010	01	ACZ010	00	1	TQ2	D1		24A	AC ZERO DCD SE -	
16771		XA243	53		XA243	56		16B	9			SPA062	05	AM51EA	01	1	TQ2	E3		28B		
01238		XA243	54		XA242	47		16B	9			ACZ01A	01	ACZ010	01	2	TQ2	D1		25A		
05822		XA243	55		XA211	13		16B	9			CMA1BQ	04	AM51EA	01	2	TQ2	E3		29B		
16772		XA243	56		XA243	59		16B	9			SPA062	06	ACZ010	01	1	TQ2	D1		26A		
03602		XA243	57		XA249	65		16B	9			AM51EA	02	AM51EA	00	1	TQ2	E3		30B	ARITH. CNTL 01 UN	
05824		XA243	58									GND		GROUND			TQ2			27A		
16773		XA243	59		XA243	64		16B	9			SPA062	07	AM51FA	01	1	TQ2	E4		31B		
03599		XA243	60		XA249	13		16B	9			AM51DA	09	AM51DA	00	1	TQ2	E2		28A	ARITH. CNTL 01 UN	
05820		XA243	61		XA243	62		16B	9			CMA1BQ	02	AM51FA	01	2	TQ2	E4		32B		
05821		XA243	62		XA243	55		16B	9			CMA1BQ	03	AM51DA	01	2	TQ2	E2		29A		
CONNECTOR (XA243) CCNTINUED ON THE NEXT PAGE ****																						

DRAWING NUMBER 149012-880 CONNECTOR UNIT ASSEMBLY NO. 149012 REV E INDEX XA247
 UNIT ASSEMBLY NAME CARD CAGE ASSY,CPU L.H. FILE IDENT T39B2CP1 DATE 09-03-82 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	SHIELD	PREFIX	CONNECTOR	PIN	SHIELD	MULTI GROUP	CODE	COLOR	IDENT											
03535		XA247	37		XA245	49				16B	9		AM21F0	04	AC264A	01	3	TT3	C3		18B		
02789		XA247	38		XA145	31				16B	9		AD2634	04	AC262A	01	3	TT3	C1		18A		
01863		XA247	39		XA239	01				16B	9		AC264A	01	AC264A	00	1	TT3	C3		19B	AC LEFT SHIFT 27	
03772		XA247	40		XA247	46				16B	9		AM71FA	04	AC262A	01	2	TT3	C1		19A		
00999		XA247	41		XA247	42				16B	9		ACADF0	05	AC272A	01	3	TT3	D2		22B		
0100C		XA247	42		XA246	21				16B	9		ACADF0	06	AC262A	01	1	TT3	C1		20A		
01877		XA247	43		XA239	20				16B	9		AC272A	01	AC272A	00	1	TT3	D2		23B	ADDER TO AC REG.	
11259		XA247	44										GND	01	GROUND			TT3			40A		
01853		XA247	45		XA236	31				16B	9		AC26BQ	02	AC273A	01	1	TT3	D3		24B		
03773		XA247	46		XA246	54				16B	9		AM71FA	05	AC272A	01	2	TT3	D2		21A		
03652		XA247	47		XA246	41				16B	9		AM53FA	03	AC273A	01	2	TT3	D3		25B		
02811		XA247	48		XA145	50				16B	9		AD27B1	04	AC272A	01	1	TT3	D2		22A		
03370		XA247	49		XA248	65				16B	9		AM01F0	06	AC273A	01	3	TT3	D3		26B		
01875		XA247	50		XA239	22				16B	9		AC271A	01	AC271A	00	1	TT3	D1		23A	BUS TO AC REG. -	
01879		XA247	51		XA239	24				16B	9		AC273A	01	AC273A	00	1	TT3	D3		27B	AC RT. SHIFT 26 T	
08334		XA247	52		XA145	56				16B	9		DB27A0	02	AC271A	01	3	TT3	D1		24A		
03618		XA247	53		XA248	57				16B	9		AM51FA	08	AC281A	01	3	TT3	E2		28B		
03617		XA247	54		XA247	53				16B	9		AM51FA	07	AC271A	01	2	TT3	D1		25A		
01904		XA247	55		XA239	36				16B	9		AC281A	01	AC281A	00	1	TT3	E2		29B	BUS TO AC REG. -	
01145		XA247	56		XA246	35				16B	9		ACDBF0	03	AC271A	01	1	TT3	D1		26A		
03775		XA247	57		XA246	69				16B	9		AM71FA	07	AC282A	01	1	TT3	E3		30B		
11260		XA247	58										GND	01	GROUND			TT3			40B		
02834		XA247	59		XA145	70				16B	9		AD28B1	04	AC282A	01	2	TT3	E3		31B		
01144		XA247	60		XA247	56				16B	9		ACDBF0	02	AC281A	01	2	TT3	E2		28A		
00997		XA247	61		XA246	56				16B	9		ACADF0	05	AC282A	01	3	TT3	E3		32B		
08392		XA247	62		XA249	24				16B	9		DB28A0	03	AC281A	01	1	TT3	E2		29A		
01906		XA247	63		XA239	38				16B	9		AC282A	01	AC282A	00	1	TT3	E3		33B	ADDER TO AC REG.	
01881		XA247	64		XA239	26				16B	9		AC274A	01	AC274A	00	1	TT3	E1		30A	AC LEFT SHIFT 28	
03538		XA247	65		XA248	76				16B	9		AM21F0	07	AC284A	01	3	TT3	F2		34B		
01898		XA247	66		XA246	11				16B	9		AC28BQ	01	AC274A	01	3	TT3	E1		31A		
11261		XA247	67										GND	01	GROUND			TT3					
03537		XA247	68		XA247	65				16B	9		AM21F0	06	AC274A	01	2	TT3	E1		32A		
01162		XA247	69		XA246	55				16B	9		ACDB2A	01	ACDBCO	01	1	TT3	F3		35A		
03418		XA247	70		XA247	72				16B	9		AM03F0	08	AC274A	01	1	TT3	E1		33A		
01918		XA247	71		XA246	38				16B	9		AC29BQ	01	AC284A	01	1	TT3	F2		36A		
03419		XA247	72		XA248	69				16B	9		AM03F0	09	AC284A	01	2	TT3	F2		34A		
01908		XA247	73		XA239	42				16B	9		AC283A	01	AC283A	00	1	TT3	F1		36B	AC RT. SHIFT 27 T	
01910		XA247	74		XA239	40				16B	9		AC284A	01	AC284A	00	1	TT3	F2		35B	AC LEFT SHIFT 29	
03372		XA247	75		XA244	63				16B	9		AM01F0	08	AC283A	01	3	TT3	F1		37B		
01167		XA247	76		XA245	37				16B	9		ACDB3A	01	ACDBCO	01	2	TT3	F3		37A		
03650		XA247	77		XA248	72				16B	9		AM53FA	01	AC283A	01	2	TT3	F1		38B		
01157		XA247	78		XA246	64				16B	9		ACDB1A	01	ACDBCO	01	3	TT3	F3		38A		
01869		XA247	79		XA247	33				16B	9		AC27BQ	01	AC283A	01	1	TT3	F1		39B		
01123		XA247	80		XA245	78				16B	9		ACDBCO	09	ACDBCO	00	1	TT3	F3		39A	DB 00 - 07 TO AC	
03531		XA248	01							16B	9		AM21E0	09	AC204A	01	2	TT3	A2		02B		
08018		XA248	02										GND		GROUND			TT3			01B		
01751		XA248	03		XA236	13				16B	9		AC21BQ	02	AC204A	01	3	TT3	A2		02A		
01740		XA248	04		XA240	06				16B	9		AC203A	01	AC203A	00	1	TT3	A1		04A	AC RT. SHIFT 19 T	
CONNECTOR (XA248) CONTINUED ON THE NEXT PAGE ****																							

DRAWING NUMBER 149012-880 CONNECTOR UNIT ASSEMBLY NO. 149012 REV E INDEX XA248
 UNIT ASSEMBLY NAME CARD CAGE ASSY,CPU L.H. FILE IDENT T39B2CP1 DATE 09-03-82 PAGE 167

RECORD NUMBER	FROM				TO				WIRE				SIGNAL	SEG NO	EQUATION	TERM	FACTOR	CKT OR CHIP TYPE	GROUP	LOAD OR POWER PLANE	TEST POINTS (LAND OR)	SIGNAL DESCRIPTION	ECO NO
	PREFIX	CONNECTOR	PIN	SHFT	PREFIX	CONNECTOR	PIN	SHFT	MULTI GROUP	CODE	COLOR	IDENT											
03408		XA248	05			XA243	09				16B	9		AM03E0	08	AC204A	01	1	TT3	A2	03B		
01710		XA248	06			XA249	49				16B	9		AC19BQ	01	AC203A	01	3	TT3	A1	05A		
01742		XA248	07			XA240	05				16B	9		AC204A	01	AC204A	00	1	TT3	A2	03A	AC LEFT SHIFT 21	
03364		XA248	08								16B	9		AM01E0	09	AC203A	01	2	TT3	A1	06A		
08020		XA248	09			XA146	55				16B	9		DB21A0	02	AC211A	01	1	TT3	A3	04B		
03648		XA248	10			XA243	21				16B	9		AM53EA	08	AC203A	01	1	TT3	A1	07A		
03509		XA248	11			XA247	08				16B	9		AM51EA	09	AC211A	01	2	TT3	A3	05B		
00445		XA248	12											+5V	01								
01141		XA248	13			XA245	21				16B	9		ACDBE0	08	AC211A	01	3	TT3	A3	06B		
01730		XA248	14			XA249	77				16B	9		AC20BQ	01	AC213A	01	2	TT3	B2	09A		
01755		XA248	15			XA240	14				16B	9		AC211A	01	AC211A	00	1	TT3	A3	07B	BUS TO AC REG. -	
11262		XA248	16											GND	01	GROUND					21B		
03647		XA248	17			XA248	10				16B	9		AM53EA	07	AC213A	01	3	TT3	B2	08B		
03363		XA248	18			XA248	08				16B	9		AM01E0	08	AC213A	01	1	TT3	B2	10A		
01759		XA248	19			XA240	18				16B	9		AC213A	01	AC213A	00	1	TT3	B2	09B	AC RT. SHIFT 20 T	
01757		XA248	20			XA240	20				16B	9		AC212A	01	AC212A	00	1	TT3	B1	11A	ADDER TO AC REG.	
03407		XA248	21			XA248	05				16B	9		AM03E0	07	AC214A	01	1	TT3	B3	10B		
02667		XA248	22			XA146	61				16B	9		AD21B4	04	AC212A	01	3	TT3	B1	12A		
03530		XA248	23			XA248	01				16B	9		AM21E0	08	AC214A	01	2	TT3	B3	11B		
03765		XA248	24			XA249	23				16B	9		AM71EA	07	AC212A	01	2	TT3	B1	13A		
01769		XA248	25			XA236	07				16B	9		AC22BQ	03	AC214A	01	3	TT3	B3	12B		
00992		XA248	26			XA249	25				16B	9		ACADE0	07	AC212A	01	1	TT3	B1	14A		
01761		XA248	27			XA240	24				16B	9		AC214A	01	AC214A	00	1	TT3	B3	13B	AC LEFT SHIFT 22	
00446		XA248	28											+5V	01								
03764		XA248	29			XA248	24				16B	9		AM71EA	06	AC222A	01	3	TT3	C2	14B		
02691		XA248	30			XA146	74				16B	9		AD22B4	04	AC222A	01	2	TT3	C2	15A		
01774		XA248	31			XA240	36				16B	9		AC222A	01	AC222A	00	1	TT3	C2	15B	ADDER TO AC REG.	
11263		XA248	32											GND	01	GROUND					27A		
03362		XA248	33			XA248	18				16B	9		AM01E0	07	AC223A	01	1	TT3	C3	16B		
00991		XA248	34			XA248	26				16B	9		ACADE0	06	AC222A	01	1	TT3	C2	16A		
03646		XA248	35			XA248	17				16B	9		AM53EA	06	AC223A	01	2	TT3	C3	17B		
01772		XA248	36			XA240	31				16B	9		AC221A	01	AC221A	00	1	TT3	C1	17A	BUS TO AC REG. -	
01750		XA248	37			XA248	03				16B	9		AC21BQ	01	AC223A	01	3	TT3	C3	18B		
08070		XA248	38			XA146	73				16B	9		DB22A0	02	AC221A	01	3	TT3	C1	18A		
01776		XA248	39			XA240	30				16B	9		AC223A	01	AC223A	00	1	TT3	C3	19B	AC RT. SHIFT 21 T	
03606		XA248	40			XA249	35				16B	9		AM51EA	06	AC221A	01	2	TT3	C1	19A		
03605		XA248	41			XA248	40				16B	9		AM51EA	05	AC231A	01	3	TT3	D2	22B		
01138		XA248	42			XA249	33				16B	9		ACDBE0	05	AC221A	01	1	TT3	C1	20A		
01790		XA248	43			XA240	48				16B	9		AC231A	01	AC231A	00	1	TT3	D2	23B	BUS TO AC REG. -	
11264		XA248	44											GND	01	GROUND					40A		
00990		XA248	45			XA246	34				16B	9		ACADE0	05	AC232A	01	1	TT3	D3	24B		
01137		XA248	46			XA248	42				16B	9		ACDBE0	04	AC231A	01	2	TT3	D2	21A		
03763		XA248	47			XA248	29				16B	9		AM71EA	05	AC232A	01	2	TT3	D3	25B		
08120		XA248	48			XA145	10				16B	9		DB23A0	02	AC231A	01	1	TT3	D2	22A		
02713		XA248	49			XA145	04				16B	9		AD23B1	04	AC232A	01	3	TT3	D3	26B		
01778		XA248	50			XA240	34				16B	9		AC224A	01	AC224A	00	1	TT3	D1	23A	AC LEFT SHIFT 23	
01792		XA248	51			XA240	52				16B	9		AC232A	01	AC232A	00	1	TT3	D3	27B	ADDER TO AC REG.	
01786		XA248	52			XA236	25				16B	9		AC23BQ	03	AC224A	01	3	TT3	D1	24A		
03526		XA248	53			XA248	54				16B	9		AM21E0	04	AC234A	01	3	TT3	E2	26B		
03527		XA248	54			XA249	47				16B	9		AM21E0	05	AC224A	01	2	TT3	D1	25A		
CONNECTOR (XA248) CONTINUED ON THE NEXT PAGE ****																							

DRAWING NUMBER 149012-880 CONNECTOR UNIT ASSEMBLY NO. 149012 REV E INDEX XA248
 UNIT ASSEMBLY NAME CARD CAGE ASSY,CPU L.H. FILE IDENT T39B2CP1 DATE 09-03-82 PAGE 168

RECORD NUMBER	FROM				TO				WIRE				SFC INST. MISC.	SIGNAL	REQ NO	EQUATION	TERM	FACTOR	CKT OR CHIP TYPE	GROUP	LOAD CP. 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													
01796		XA248	55			XA240	54				16B	9		AC234A	01	AC234A	00	1	TT3	E2		29B	AC LEFT SHIFT 24		
03404		XA248	56			XA249	45				16B	9		AM03E0	04	AC224A	01	1	TT3	D1		26A			
03619		XA248	57			XA243	63				16B	9		AM51FA	09	AC241A	01	1	TT3	E3		30R			
11265		XA248	58											GND	01	GRGUND			TT3				40B		
08170		XA248	59			XA145	11				16B	9		DB24A0	02	AC241A	01	2	TT3	E3		31B			
03403		XA248	60			XA248	56				16B	9		AM03E0	03	AC234A	01	2	TT3	E2		28A			
01143		XA248	61			XA247	60				16B	9		ACDBF0	01	AC241A	01	3	TT3	E3		32B			
01813		XA248	62			XA247	22				16B	9		AC24B0	01	AC234A	01	1	TT3	E2		29A			
01819		XA248	63			XA240	62				16B	9		AC241A	01	AC241A	00	1	TT3	E3		33B	BUS TO AC REG. -		
01794		XA248	64			XA240	56				16B	9		AC233A	01	AC233A	00	1	TT3	E1		30A	AC RT. SHIFT 22 T		
03371		XA248	65			XA247	75				16B	9		AM01F0	07	AC243A	01	3	TT3	F2		34B			
03358		XA248	66			XA249	57				16B	9		AM01E0	03	AC233A	01	3	TT3	E1		31A			
11266		XA248	67											GND	01	GRGUND			TT3						
01768		XA248	68			XA248	25				16B	9		AC22B0	02	AC233A	01	2	TT3	E1		32A			
03420		XA248	69			XA242	75				16B	9		AM03F0	10	AC244A	01	1	TT3	F3		35A			
03642		XA248	70			XA249	59				16B	9		AM53EA	02	AC233A	01	1	TT3	E1		33A			
01785		XA248	71			XA248	52				16B	9		AC23B0	02	AC243A	01	1	TT3	F2		36A			
03651		XA248	72			XA247	47				16B	9		AM53FA	02	AC243A	01	2	TT3	F2		34A			
01821		XA248	73			XA240	68				16B	9		AC242A	01	AC242A	00	1	TT3	F1		36B	ADDER TO AC REG.		
01823		XA248	74			XA240	64				16B	9		AC243A	01	AC243A	01	1	TT3	F2		35B	AC RT. SHIFT 23 T		
02736		XA248	75			XA145	26				16B	9		AD24B4	04	AC242A	01	3	TT3	F1		37B			
03535		XA248	76			XA244	80				16B	9		AM21F0	08	AC244A	01	2	TT3	F3		37A			
03777		XA248	77			XA243	80				16B	9		AM71FA	09	AC242A	01	2	TT3	F1		38B			
01833		XA248	78			XA247	34				16B	9		AC25B0	01	AC244A	01	3	TT3	F3		38A			
00996		XA248	79			XA247	61				16B	9		ACADF0	02	AC242A	01	1	TT3	F1		39B			
01825		XA248	80			XA240	66				16B	9		AC244A	01	AC244A	00	1	TT3	F3		39A	AC LEFT SHIFT 25		
03748		XA249	01								16B	9		AM71CA	11	AC078A	01	2	TT3	A2		02B			
11267		XA249	02											GND	01	GROUND			TT3				01B		
03953		XA249	03			XA114	14				16B	9		AQ00C0	04	AC078A	01	3	TT3	A2		02A			
01450		XA249	04								16B	9		AC076A	10	AC076A	09	1	TT3	A1		04A	DB 28 TO AC SE -		
01022		XA249	05			XA249	09				16B	9		ACAQC0	01	AC078A	01	1	TT3	A2		03B			
03758		XA249	06								16B	9		AM71DA	10	AC076A	01	3	TT3	A1		05A			
01470		XA249	07								16B	9		AC078A	10	AC078A	09	1	TT3	A2		03A	AQ 00 TO AC SE-07		
01195		XA249	08			XA244	15				16B	9		ACMTC0	03	AC076A	01	2	TT3	A1		06A			
01023		XA249	09			XA247	06				16B	9		ACAQC0	02	AC158A	01	1	TT3	A3		04B			
08394		XA249	10			XA145	49				16B	9		DB28A0	05	AC076A	01	1	TT3	A1		07A			
03952		XA249	11			XA249	03				16B	9		AQ00C0	03	AC158A	01	2	TT3	A3		05B			
00447		XA249	12											+5V	01				TT3						
03600		XA249	13								16B	9		AM51DA	10	AC158A	01	3	TT3	A3		06B			
03608		XA249	14			XA248	11				16B	9		AM51EA	08	AC171A	01	2	TT3	B2		09A			
01634		XA249	15								16B	9		AC158A	09	AC158A	00	1	TT3	A3		07B	AQ 00 TO AC 15 -		
07824		XA249	16											GND		GROUND			TT3				21B		
01140		XA249	17			XA248	13				16B	9		ACDBE0	07	AC171A	01	3	TT3	B2		08B			
07826		XA249	18			XA146	19				16B	9		DB17A0	02	AC171A	01	1	TT3	B2		10A			
01666		XA249	19			XA241	04				16B	9		AC171A	01	AC171A	00	1	TT3	B2		09B	BUS TO AC REG. -		
01683		XA249	20			XA241	06				16B	9		AC176A	10	AC176A	00	1	TT3	B1		11A	DB 28 TO AC 08 -		
02558		XA249	21			XA146	25				16B	9		AD17B4	04	AC172A	01	1	TT3	B3		10B			
01194		XA249	22			XA249	08				16B	9		ACMTC0	02	AC176A	01	3	TT3	B1		12A			
CONNECTOR (XA249) CONTINUED ON THE NEXT PAGE ****																									

DRAWING NUMBER 149012-880 CONNECTOR UNIT ASSEMBLY NO. 149012 REV E INDEX XA249
 UNIT ASSEMBLY NAME CARD CAGE ASSY,CPU L.H. FILE IDENT T39B2CP1 DATE 09-03-82 PAGE 169

RECORD NUMBER	FROM				TO				WIRE			SIGNAL	SFG NO	EQUATION	TERM	FACTOR	CKT OR CHIP TYPE	GROUP	LOAD OR POWER PLANE	TEST POINTS AND/OR	SIGNAL DESCRIPTION	ECO NO	
	PREFIX	CONNECTOR	PIN	SEPS	PREFIX	CONNECTOR	PIN	SEPS	MULTI GROUP	CODE	COLOR												IDENT
03762		XA249	23			XA249	26			16B	9		AM71EA	08	AC172A	01	2	TT3	B3		11B		
08393		XA249	24			XA249	10			16B	9		DB28A0	04	AC176A	01	2	TT3	B1		13A		
00993		XA249	25			XA245	34			16B	9		ACADE0	08	AC172A	01	3	TT3	B3		12B		
03767		XA249	26			XA245	30			16B	9		AM71EA	09	AC176A	01	1	TT3	B1		14A		
01668		XA249	27			XA241	13			16B	9		AC172A	01	AC172A	00	1	TT3	B3		13B	ADDER TO AC REG.	
00448		XA249	28										+5V	01									
03406		XA249	29			XA248	21			16B	9		AM03E0	06	AC174A	01	3	TT3	C2		14B		
03529		XA249	30			XA248	23			16B	9		AM21E0	07	AC174A	01	2	TT3	C2		15A		
01672		XA249	31			XA241	08			16B	9		AC174A	01	AC174A	00	1	TT3	C2		15B	AC LEFT SHIFT 18	
11268		XA249	32										GND	01	GROUND						27A		
01139		XA249	33			XA249	17			16B	9		ACDBE0	06	AC181A	01	1	TT3	C3		16B		
01691		XA249	34			XA249	61			16B	9		AC18BQ	01	AC174A	01	1	TT3	C2		16A		
03607		XA249	35			XA249	14			16B	9		AM51EA	07	AC181A	01	2	TT3	C3		17B		
01670		XA249	36			XA241	10			16B	9		AC173A	01	AC173A	00	1	TT3	C1		17A	AC RT. SHIFT 16 T	
07872		XA249	37			XA146	36			16B	9		DB18A0	02	AC181A	01	3	TT3	C3		18B		
01641		XA249	38			XA237	49			16B	9		AC16BQ	01	AC173A	01	3	TT3	C1		18A		
01696		XA249	39			XA241	18			16B	9		AC181A	01	AC181A	00	1	TT3	C3		19B	BUS TO AC REG. -	
03645		XA249	40			XA248	35			16B	9		AM53EA	05	AC173A	01	2	TT3	C1		19A		
03644		XA249	41			XA249	40			16B	9		AM53EA	04	AC183A	01	3	TT3	D2		22B		
03361		XA249	42			XA248	33			16B	9		AM01E0	06	AC173A	01	1	TT3	C1		20A		
01730		XA249	43			XA241	20			16B	9		AC183A	01	AC183A	00	1	TT3	D2		23B	AC RT. SHIFT 17 T	
11269		XA249	44										GND	01	GROUND						40A		
03405		XA249	45			XA249	29			16B	9		AM03E0	05	AC184A	01	1	TT3	D3		24B		
01664		XA249	46			XA216	03			16B	9		AC17BQ	04	AC183A	01	2	TT3	D2		21A		
03528		XA249	47			XA249	30			16B	9		AM21E0	06	AC184A	01	2	TT3	D3		25B		
03360		XA249	48			XA249	42			16B	9		AM01E0	05	AC183A	01	1	TT3	D2		22A		
01711		XA249	49			XA237	55			16B	9		AC19BQ	02	AC184A	01	3	TT3	D3		26B		
01698		XA249	50			XA241	22			16B	9		AC182A	01	AC182A	00	1	TT3	D1		23A	ADDER TO AC REG.	
01702		XA249	51			XA241	24			16B	9		AC184A	01	AC184A	00	1	TT3	D3		27B	AC LEFT SHIFT 19	
02582		XA249	52			XA146	31			16B	9		AD18B4	04	AC182A	01	3	TT3	D1		24A		
03761		XA249	53			XA249	54			16B	9		AM71EA	03	AC192A	01	3	TT3	E2		28B		
03762		XA249	54			XA248	47			16B	9		AM71EA	04	AC182A	01	2	TT3	D1		25A		
01718		XA249	55			XA241	36			16B	9		AC192A	01	AC192A	00	1	TT3	E2		29B	ADDER TO AC REG.	
00989		XA249	56			XA248	45			16B	9		ACADE0	04	AC182A	01	1	TT3	D1		26A		
03359		XA249	57			XA249	48			16B	9		AM01E0	04	AC193A	01	1	TT3	E3		30B		
11270		XA249	58										GND	01	GROUND						40B		
03643		XA249	59			XA249	41			16B	9		AM53EA	03	AC193A	01	2	TT3	E3		31B		
00988		XA249	60			XA249	56			16B	9		ACADE0	03	AC192A	01	2	TT3	E2		28A		
01692		XA249	61			XA237	61			16B	9		AC18BQ	02	AC193A	01	3	TT3	E3		32B		
02604		XA249	62			XA146	50			16B	9		AD19B1	04	AC192A	01	1	TT3	E2		29A		
01720		XA249	63			XA241	40			16B	9		AC193A	01	AC193A	00	1	TT3	E3		33B	AC RT. SHIFT 18 T	
01716		XA249	64			XA241	38			16B	9		AC191A	01	AC191A	00	1	TT3	E1		30A	BUS TO AC REG. -	
03603		XA249	65			XA249	68			16B	9		AM51EA	03	AC201A	01	3	TT3	F2		34B		
07920		XA249	66			XA146	56			16B	9		DB19A0	02	AC191A	01	3	TT3	E1		31A		
11271		XA249	67										GND	01	GROUND								
03604		XA249	68			XA248	41			16B	9		AM51EA	04	AC191A	01	2	TT3	E1		32A		
01014		XA249	69			XA246	79			16B	9		ACAD3A	01	ACADF0	01	1	TT3	F3		35A		
01136		XA249	70			XA248	46			16B	9		ACDBE0	03	AC191A	01	1	TT3	E1		33A		
07968		XA249	71			XA146	49			16B	9		DB20A0	02	AC201A	01	1	TT3	F2		36A		
01135		XA249	72			XA249	70			16B	9		ACDBE0	02	AC201A	01	2	TT3	F2		34A		
CONNECTOR (XA249) CONTINUED ON THE NEXT PAGE ****																							

DRAWING NUMBER 149012-880 CONNECTOR UNIT ASSEMBLY NO. 149012 REV E INDEX XA249
 UNIT ASSEMBLY NAME CARD CAGE ASSY CPU L.H. FILE IDENT T39B2CP1 DATE 09-03-82 PAGE 170

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	TYPE	PREFIX	CONNECTOR	PIN	TYPE	MULTI GROUP	CODE	COLOR	IDENT												SPEC INST
01722	XA249	73			XA241	42				16B	9			AC194A	01	AC194A	00	1	TT3	F1		36B	AC LEFT SHIFT 23 BUS TO AC REG. -	
01736	XA249	74			XA240	38				16B	9			AC201A	01	AC201A	00	1	TT3	F2		35B		
03525	XA249	75			XA248	53				16B	9			AM21E0	03	AC194A	01	3	TT3	F1		37B		
01009	XA249	76			XA246	77				16B	9			ACAD2A	01	ACADFO	01	2	TT3	F3		37A		
01731	XA249	77			XA237	78				16B	9			AC20BQ	02	AC194A	01	2	TT3	F1		38B		
01004	XA249	78			XA246	75				16B	9			ACAD1A	01	ACADFO	01	3	TT3	F3		38A		
03402	XA249	79			XA248	60				16B	9			AM03E0	02	AC194A	01	1	TT3	F1		39B		
00995	XA249	80			XA248	79				16B	9			ACADFO	01	ACADFO	00	1	TT3	F3		39A	AD 24 - 31 TO AC	
19227	XA250	01												SPP	01									
11272	XA250	02												GND	01	GRUND								
19228	XA250	03												SPP	01									
19229	XA250	04												SPP	01									
19230	XA250	05												SPP	01									
19231	XA250	06												SPP	01									
19232	XA250	07												SPP	01									
19233	XA250	08												SPP	01									
19234	XA250	09												SPP	01									
19235	XA250	10												SPP	01									
19236	XA250	11												SPP	01									
00449	XA250	12												+5V	01									
19237	XA250	13												SPP	01									
19238	XA250	14												SPP	01									
19239	XA250	15												GND	01	GRUND								
11273	XA250	16												SPP	01									
19240	XA250	17												SPP	01									
19241	XA250	18												SPP	01									
19242	XA250	19												SPP	01									
19243	XA250	20												SPP	01									
19244	XA250	21												SPP	01									
19245	XA250	22												SPP	01									
19246	XA250	23												SPP	01									
19247	XA250	24												SPP	01									
19248	XA250	25												SPP	01									
19249	XA250	26												SPP	01									
19250	XA250	27												SPP	01									
00450	XA250	28												+5V	01									
19251	XA250	29												SPP	01									
19252	XA250	30												SPP	01									
19253	XA250	31												SPP	01									
11274	XA250	32												GND	01	GRUND								
19254	XA250	33												SPP	01									
19255	XA250	34												SPP	01									
19256	XA250	35												SPP	01									
19257	XA250	36												SPP	01									
19258	XA250	37												SPP	01									
19259	XA250	38												SPP	01									
19260	XA250	39												SPP	01									
19261	XA250	40												SPP	01									
CONNECTOR		XA250	CONTINUED ON THE NEXT PAGE ****																					

DRAWING NUMBER 149012-880 CONNECTOR UNIT ASSEMBLY NO. 149012 REV E INDEX XA250
 UNIT ASSEMBLY NAME CARD CAGE ASSY,CPU L.H. FILE IDENT T39B2CP1 DATE 09-03-82 PAGE 171

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 EG	PREFIX	CONNECTOR	PIN	SH EG	MULTI GROUP	CODE	COLOR	IDENT											
19262		XA250	41										SPP	01									
19263		XA250	42										SPP	01									
19264		XA250	43										SPP	01									
11275		XA250	44										GND	01	GROUND								
19265		XA250	45										SPP	01									
19266		XA250	46										SPP	01									
19267		XA250	47										SPP	01									
19268		XA250	48										SPP	01									
19269		XA250	49										SPP	01									
19270		XA250	50										SPP	01									
19271		XA250	51										SPP	01									
19272		XA250	52										SPP	01									
19273		XA250	53										SPP	01									
19274		XA250	54										SPP	01									
19275		XA250	55										SPP	01									
19276		XA250	56										SPP	01									
19277		XA250	57										SPP	01									
11276		XA250	58										GND	01	GROUND								
19278		XA250	59										SPP	01									
19279		XA250	60										SPP	01									
19280		XA250	61										SPP	01									
19281		XA250	62										SPP	01									
19282		XA250	63										SPP	01									
19283		XA250	64										SPP	01									
19284		XA250	65										SPP	01									
19285		XA250	66										SPP	01									
11277		XA250	67										GND	01	GROUND								
19286		XA250	68										SPP	01									
19287		XA250	69										SPP	01									
19288		XA250	70										SPP	01									
19289		XA250	71										SPP	01									
19290		XA250	72										SPP	01									
19291		XA250	73										SPP	01									
19292		XA250	74										SPP	01									
19293		XA250	75										SPP	01									
19294		XA250	76										SPP	01									
19295		XA250	77										SPP	01									
19296		XA250	78										SPP	01									
19297		XA250	79										SPP	01									
19298		XA250	80										SPP	01									
19299		XA251	01										SPP	01									
11278		XA251	02										GND	01	GROUND								
19300		XA251	03										SPP	01									
19301		XA251	04										SPP	01									
19302		XA251	05										SPP	01									
19303		XA251	06										SPP	01									
19304		XA251	07										SPP	01									
19305		XA251	08										SPP	01									
CONNECTOR (XA251) CONTINUED ON THE NEXT PAGE ****																							

DRAWING NUMBER 149012-880 CONNECTOR UNIT ASSEMBLY NO. 149012 REV E INDEX XA251
 UNIT ASSEMBLY NAME CARD CAGE ASSY CPU L.H. FILE IDENT T39B2CP1 DATE 09-03-82 PAGE 172

RECORD NUMBER	FROM			TO			WIRE				SFC INSET	MISC	SIGNAL	SEQ 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	DR FC	MULTI GROUP	CODE	COLOR													
19306		XA251	09									SPP	01										
19307		XA251	10									SPP	01										
19308		XA251	11									SPP	01										
00451		XA251	12									+5V	01										
19309		XA251	13									SPP	01										
19310		XA251	14									SPP	01										
19311		XA251	15									SPP	01										
11279		XA251	16									GND	01	GROUND									
19312		XA251	17									SPP	01										
19313		XA251	18									SPP	01										
19314		XA251	19									SPP	01										
19315		XA251	20									SPP	01										
19316		XA251	21									SPP	01										
19317		XA251	22									SPP	01										
19318		XA251	23									SPP	01										
19319		XA251	24									SPP	01										
19320		XA251	25									SPP	01										
19321		XA251	26									SPP	01										
19322		XA251	27									SPP	01										
00452		XA251	28									+5V	01										
19323		XA251	29									SPP	01										
19324		XA251	30									SPP	01										
19325		XA251	31									SPP	01										
11280		XA251	32									GND	01	GROUND									
19326		XA251	33									SPP	01										
19327		XA251	34									SPP	01										
19328		XA251	35									SPP	01										
19329		XA251	36									SPP	01										
19330		XA251	37									SPP	01										
19331		XA251	38									SPP	01										
19332		XA251	39									SPP	01										
19333		XA251	40									SPP	01										
19334		XA251	41									SPP	01										
19335		XA251	42									SPP	01										
19336		XA251	43									SPP	01										
11281		XA251	44									GND	01	GROUND									
19337		XA251	45									SPP	01										
19338		XA251	46									SPP	01										
19339		XA251	47									SPP	01										
19340		XA251	48									SPP	01										
19341		XA251	49									SPP	01										
19342		XA251	50									SPP	01										
19343		XA251	51									SPP	01										
19344		XA251	52									SPP	01										
19345		XA251	53									SPP	01										
19346		XA251	54									SPP	01										
19347		XA251	55									SPP	01										
19348		XA251	56									SPP	01										
19349		XA251	57									SPP	01										
11282		XA251	58									GND	01	GROUND									
CONNECTOR		XA251	CONTINUED ON THE NEXT PAGE ****																				

DRAWING NUMBER 149012-880 CONNECTOR UNIT ASSEMBLY NO. 149012 REV E INDEX XA251
 UNIT ASSEMBLY NAME CARD CAGE ASSY,CPU L.H. FILE IDENT T39B2CP1 DATE 09-03-82 PAGE 173

RECORD NUMBER	FROM			S/P	TO			WIRE				SIGNAL	SFD 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	DRG	MULTI GROUP	CODE	COLOR											
19350		XA251	55									SPP	01									
19351		XA251	60									SPP	01									
19352		XA251	61									SPP	01									
19353		XA251	62									SPP	01									
19354		XA251	63									SPP	01									
19355		XA251	64									SPP	01									
19356		XA251	65									SPP	01									
19357		XA251	66									SPP	01									
11283		XA251	67									GND	01	GROUND								
19358		XA251	68									SPP	01									
19359		XA251	69									SPP	01									
19360		XA251	70									SPP	01									
19361		XA251	71									SPP	01									
19362		XA251	72									SPP	01									
19363		XA251	73									SPP	01									
19364		XA251	74									SPP	01									
19365		XA251	75									SPP	01									
19366		XA251	76									SPP	01									
19367		XA251	77									SPP	01									
19368		XA251	78									SPP	01									
19369		XA251	79									SPP	01									
19370		XA251	80									SPP	01									
21481		XA301	01						16B	9		JMPEID4	02			EXT					TO BAY 2	
22933		XA301	02									GND	01			EXT						
21482		XA301	03									SPP	01			EXT						
22934		XA301	04									GND	01			EXT						
21485		XA301	05						16B	9		JDIG1D4	02			EXT						
22935		XA301	06									GND	01			EXT						
21486		XA301	07						16B	9		JDIG2D4	02			EXT						
22936		XA301	08									GND	01			EXT						
21489		XA301	09						16B	9		JDIG3D4	02			EXT						
23212		XA301	10		XA302	10			16B	9		GND026	01			EXT						
21491		XA301	11						16B	9		JDIG4D4	02			EXT						
23214		XA301	12						16B	9		GND026	03			EXT						
23428		XA301	12									GND	01			EXT						
21493		XA301	13						16B	9		JDIG5D4	02			EXT						A01
22937		XA301	14									GND	01			EXT						
21495		XA301	15						16B	9		JDIG6D4	02			EXT						
22938		XA301	16									GND	01			EXT						
21496		XA301	17						16B	9		JDIG8D4	02			EXT						
22939		XA301	18									GND	01			EXT						
21477		XA301	19						16B	9		JQMPED4	02			EXT						
22940		XA301	20									GND	01			EXT						
21478		XA301	21						16B	9		JQMTOD4	02			EXT						
22941		XA301	22									GND	01			EXT						
21498		XA301	23						16B	9		JDECAD4	02			EXT						
22942		XA301	24									GND	01			EXT						
21500		XA301	25						16B	9		JOFRAD4	02			EXT						
CONNECTOR (XA301) CONTINUED ON THE NEXT PAGE ****																						

DRAWING NUMBER 149012-880 CONNECTOR UNIT ASSEMBLY NO. 149012 REV E INDEX XA301
 UNIT ASSEMBLY NAME CARD CAGE ASSY CPU L.H. FILE IDENT T39B2CP1 DATE 09-03-82 PAGE 174

RECORD NUMBER	FROM			TO			WIRE				SPE INST MISC	SIGNAL	SEQ NO	EQUATION	TERM	FACTOR	CKT OR CHIP TYPE	GHDM	LOAD OR POWER PLANE	TEST POINTS AND OP	SIGNAL DESCRIPTION	ECO NO
	PREFIX	CONNECTOR	PIN	PREFIX	CONNECTOR	PIN	MULTI GROUP	CODE	COLOR	IDENT												
22943	XA301		26									GND	01				EXT					
21857	XA301		27					16B	9			JITRAD4	02				EXT					(M/R THRU MTS CONN)
22944	XA301		28									GND	01				EXT					
21940	XA301		29					16B	9			JITRSD4	02				EXT					
22945	XA301		30									GND	01				EXT					
21942	XA301		31					16B	9			JIPEBD4	02				EXT					
22946	XA301		32									GND	01				EXT					
21944	XA301		33					16B	9			JITTD4	02				EXT					
22947	XA301		34									GND	01				EXT					
21946	XA301		35					16B	9			JACKAD4	02				EXT					
22548	XA301		36									GND	01				EXT					
21948	XA301		37					16B	9			JCPUED4	02				EXT					
22949	XA301		38									GND	01				EXT					
21950	XA301		39									SPP	01				EXT					
22950	XA301		40									GND	01				EXT					
21952	XA301		41					16B	9			JMRSAB4	02				EXT					
22951	XA301		42									GND	01				EXT					
21954	XA301		43					16B	9			JMTSAB4	02				EXT					B03
22952	XA301		44									GND	01				EXT					
21955	XA301		45					16B	9			JS77AD4	02				EXT					
22953	XA301		46									GND	01				EXT					
21958	XA301		47					16B	9			JS02AD4	02				EXT					
22954	XA301		48									GND	01				EXT					
21960	XA301		49					16B	9			JSTPAD4	06				EXT					
22955	XA301		50									GND	01				EXT					
21962	XA301		51					16B	9			JLITAD4	02				EXT					TO BAY 2
22956	XA301		52									GND	01				EXT					
21964	XA301		53					16B	9			JSSGAD4	02				EXT					
22957	XA301		54									GND	01				EXT					
21966	XA301		55		XA311	78		16B	9			TPWF2D	01				EXT					
22958	XA301		56									GND	01				EXT					
21968	XA301		57									SPP	01				EXT					
22959	XA301		58									GND	01				EXT					
21970	XA301		59									SPP	01				EXT					
22960	XA301		60									GND	01				EXT					
22189	XA301		61		XA312	31		16B	9			ECDB0B	01				EXT					
22961	XA301		62									GND	01				EXT					
22191	XA301		63		XA313	31		16B	9			Eddb0B	01				EXT					
22962	XA301		64									GND	01				EXT					
22193	XA301		65		XA404	07		16B	9			UCMG4B	00				EXT					
22963	XA301		66									GND	01				EXT					
22195	XA301		67		XA404	20		16B	9			UCMG5B	00				EXT					
22196	XA301		68									GND	01				EXT					
22197	XA301		69		XA404	17		16B	9			UCMG6B	00				EXT					
22198	XA301		70									GND	01				EXT					
22199	XA301		71		XA404	19		16B	9			UCMG7B	00				EXT					
22200	XA301		72									GND	01				EXT					
22201	XA301		73		XA213	26		D1	1E8	9		CLOCKB	01				EXT					
22202	XA301		74		XA213	32		D1	1E8	0		CLOCKG	01				EXT					
22203	XA301		75		XA420	04		PG	1E8	9		CLCMB	01				EXT					
CONNECTOR XA301 CONTINUED ON THE NEXT PAGE ****																						

DRAWING NUMBER 149012-880 CONNECTOR
 UNIT ASSEMBLY NAME CARD CAGE ASSY, CPU L.H.

UNIT ASSEMBLY NO. 149012
 FILE IDENT T39BCP1

REV E INDEX XA301
 DATE 09-03-82 PAGE 175

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	SP-FEL	PREFIX	CONNECTOR	PIN	SH-FE	MULTI GROUP	CODE	COLOR	IDENT											
22204		XA301	76											CLOC MG	01			EXT					
22205		XA301	77			XA420	02		PG	1EB	0			UCMG0B	00			EXT					
22206		XA301	78			XA404	08			16B	9			GND				EXT					
22207		XA301	79			XA404	05			16B	9			UCMG3B	00			EXT					
22208		XA301	80											GND				EXT					
21742		XA302	01											SPP	01			EXT					
21743		XA302	02											GND	01			EXT					
21676		XA302	03			XA315	80			16B	9			DB00DB	01			EXT					
22964		XA302	04											GND	01			EXT					
21678		XA302	05			XA315	69			16B	9			DB01DB	01			EXT					
22965		XA302	06											GND	01			EXT					
21680		XA302	07			XA315	72			16B	9			DB02DB	01			EXT					
22966		XA302	08											GND	01			EXT					
21682		XA302	09			XA315	75			16B	9			DB03DB	01			EXT					
23213		XA302	10			XA301	12			16B	9			GND026	02			EXT					
21684		XA302	11			XA315	63			16B	9			DB04DB	01			EXT					
23060		XA302	12											GND	02			EXT					
21686		XA302	13			XA315	57			16B	9			DB05DB	01			EXT					
23061		XA302	14											GND	02			EXT					
21688		XA302	15			XA315	60			16B	9			DB06DB	01			EXT					
23062		XA302	16											GND	02			EXT					
21690		XA302	17			XA315	66			16B	9			DB07DB	01			EXT					
23063		XA302	18											GND	02			EXT					
21692		XA302	19			XA325	80			16B	9			DB08DB	01			EXT					
23064		XA302	20											GND	02			EXT					
21694		XA302	21			XA325	69			16B	9			DB09DB	01			EXT					
23065		XA302	22											GND	02			EXT					
21696		XA302	23			XA325	72			16B	9			DB10DB	01			EXT					
23066		XA302	24											GND	02			EXT					
21698		XA302	25			XA325	75			16B	9			DB11DB	01			EXT					
23067		XA302	26											GND	02			EXT					
21700		XA302	27			XA325	63			16B	9			DB12DB	01			EXT					
23068		XA302	28											GND	02			EXT					
21702		XA302	29			XA325	57			16B	9			DB13DB	01			EXT					
23069		XA302	30											GND	02			EXT					
21704		XA302	31			XA325	60			16B	9			DB14DB	01			EXT					
23070		XA302	32											GND	02			EXT					
21706		XA302	33			XA325	66			16B	9			DB15DB	01			EXT					
23071		XA302	34											GND	02			EXT					
21708		XA302	35			XA321	51			16B	9			DB16DB	01			EXT					
23072		XA302	36											GND	02			EXT					
21710		XA302	37			XA321	45			16B	9			DB17DB	01			EXT					
23073		XA302	38											GND	02			EXT					
21712		XA302	39			XA321	46			16B	9			DB18DB	01			EXT					
23074		XA302	40											GND	02			EXT					
21714		XA302	41			XA321	52			16B	9			DB19DB	01			EXT					
23075		XA302	42											GND	02			EXT					
21716		XA302	43			XA321	39			16B	9			DB20DB	01			EXT					
CONNECTOR (XA302) CONTINUED ON THE NEXT PAGE ****																							

DRAWING NUMBER 149012-880 CONNECTOR
 UNIT ASSEMBLY NAME CARD CAGE ASSY, CPU L.H.

TM 11-5895-856-34-7/EE640-CA-MMI-070/E154 CPU/TO 31W2-2T-122-7
 UNIT ASSEMBLY NO. 149012 REV E INDEX XA302
 FILE IDENT T39B2CP1 DATE 09-03-82 PAGE 176

RECORD NUMBER	FROM			DR PG	TO			WIRE					SIGNAL	SEQ 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	RT LG	MULTI GROUP	CODE	COLOR	IDENT											
22967		XA302	44										GND	01				EXT					
21718		XA302	45			XA321	33			16B	9		DB21DB	01				EXT					
22968		XA302	46										GND	01				EXT					
21720		XA302	47			XA321	30			16B	9		DB22DB	01				EXT					
22969		XA302	48										GND	01				EXT					
21722		XA302	49			XA321	38			16B	9		DB23DB	01				EXT					
22970		XA302	50										GND	01				EXT					
21724		XA302	51			XA319	27			16B	9		DB24DB	01				EXT				TO BAY 2	
22971		XA302	52										GND	01				EXT					
21726		XA302	53			XA319	21			16B	9		DB25DB	01				EXT					
22972		XA302	54										GND	01				EXT					
21728		XA302	55			XA319	14			16B	9		DB26DB	01				EXT					
22973		XA302	56										GND	01				EXT					
21730		XA302	57			XA319	22			16B	9		DB27DB	01				EXT					
22974		XA302	58										GND	01				EXT					
21732		XA302	59			XA319	15			16B	9		DB28DB	01				EXT					
22975		XA302	60										GND	01				EXT					
21734		XA302	61			XA319	09			16B	9		DB29DB	01				EXT					
22976		XA302	62										GND	01				EXT					
21736		XA302	63			XA319	01			16B	9		DB30DB	01				EXT					
22977		XA302	64										GND	01				EXT					
21738		XA302	65			XA319	06			16B	9		DB31DB	01				EXT					
22978		XA302	66										GND	01				EXT					
21588		XA302	67			XA312	04			16B	9		CMT4BQ	01				EXT					
22979		XA302	68										GND	01				EXT					
21587		XA302	69			XA312	08			16B	9		CMT4BP	01				EXT					
22980		XA302	70										GND	01				EXT					
21585		XA302	71			XA312	10			16B	9		CMT3BQ	01				EXT					
22981		XA302	72										GND	01				EXT					
21540		XA302	73							16B	9		CMCLRB	21				EXT					
23215		XA302	74			XA302	76			16B	9		GND027	01				EXT					
22209		XA302	75			XA107	09			16B	9		WKL TSA	01				EXT					
23216		XA302	76			XA302	80			16B	9		GND027	02				EXT					
22211		XA302	77							16B	9		WKL TSB	02				EXT					
22982		XA302	78										GND	01				EXT					
22213		XA302	79										SPP					EXT					
22214		XA302	80							16B	9		GND027	03				EXT					
23429		XA302	80										GND	01				EXT					A01
21766		XA303	01			XA311	05			16B	9		JDB00B4	01				EXT				IO/CPU DATA BUSS	
23132		XA303	02			XA304	02			16B	9		GND013	07				EXT					
21769		XA303	03			XA311	07			16B	9		JDB01B4	01				EXT					
23131		XA303	04			XA303	02			16B	9		GND013	06				EXT					
21772		XA303	05			XA311	08			16B	9		JDB02B4	01				EXT					
23130		XA303	06			XA303	04			16B	9		GND013	05				EXT					
21775		XA303	07			XA311	09			16B	9		JDB03B4	01				EXT					
23129		XA303	08			XA303	06			16B	9		GND013	04				EXT					
21778		XA303	09			XA311	10			16B	9		JDB04B4	01				EXT				IO/CPU DATA BUSS	
23128		XA303	10			XA303	08			16B	9		GND013	03				EXT					
CONNECTOR (XA303) CONTINUED ON THE NEXT PAGE ****																							

DRAWING NUMBER 149012-880 CONNECTOR
 UNIT ASSEMBLY NAME CARD CAGE ASSY, CPU L.H.

UNIT ASSEMBLY NO. 149012
 FILE IDENT T39B2CP1

REV E INDEX XA303
 DATE 09-03-82 PAGE 178

RECORD NUMBER	FROM			SH TC	TO			SH TC	WIRE			SFC INST IN USE	SIGNAL	SEQ NO	EQUATION	TERM	FACTOR	CKT OR CHIP TYPE	GND*	LOAD OR POWER PLANE	TEST POINTS AND OR	SIGNAL DESCRIPTION	ECO NO
	PREFIX	CONNECTOR	PIN		PREFIX	CONNECTOR	PIN		MULTI GROUP	CODE	COLOR												
21852		XA303	61										JDB30B4	01									
23161		XA303	62										GND017	04									
21855		XA303	63										JDB31B4	01									
23160		XA303	64										GND017	03									
21859		XA303	65										YMR5DB	02								UD=UPPER CPU	B03
23159		XA303	66										GND017	02									
22457		XA303	67										LOGC1B	04									
23156		XA303	68										GND017	01									
22459		XA303	69										LOGC2B	04									
23170		XA303	70										GND018	06									
22461		XA303	71										LOG10B	02									
23169		XA303	72										GND018	05									
22463		XA303	73										+05VCI	02									
23168		XA303	74										+05VCG	02									A01
22465		XA303	75										+05VCI	03									
23167		XA303	76										GND018	03									
22467		XA303	77										+05VIC	10									
23166		XA303	78										GND018	02									
22570		XA303	79										+05VIC	09									
23165		XA303	80										GND018	01									
19371		XA304	01										SPP	01									
11284		XA304	02										GND	01	GROUND								
23123		XA304	02										GND013	08									
19372		XA304	03										SPP	01									
19373		XA304	04										SPP	01									
19374		XA304	05										SPP	01									
19375		XA304	06										SPP	01									
19376		XA304	07										SPP	01									
19377		XA304	08										SPP	01									
19378		XA304	09										SPP	01									
19379		XA304	10										SPP	01									
19380		XA304	11										SPP	01									
12636		XA304	12										+5V	01									
19381		XA304	13										SPP	01									
19382		XA304	14										SPP	01									
19383		XA304	15										SPP	01									
12638		XA304	16										GND	02	GROUND								
23141		XA304	16										GND014	08									
19384		XA304	17										SPP	01									
19385		XA304	18										SPP	01									
19386		XA304	19										SPP	01									
19387		XA304	20										SPP	01									
19388		XA304	21										SPP	01									
19389		XA304	22										SPP	01									
19390		XA304	23										SPP	01									
19391		XA304	24										SPP	01									
19392		XA304	25										SPP	01									
19393		XA304	26										SPP	01									
CONNECTOR		XA304	CONTINUED ON THE NEXT PAGE ****																				

DRAWING NUMBER 149012-880 CONNECTOR
 UNIT ASSEMBLY NAME CARD CAGE ASSY, CPU L.H.

UNIT ASSEMBLY NO. 149012 REV E INDEX XA304
 FILE IDENT T39B2CP1 DATE 09-03-82 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	DR FC	MULTI GROUP	CODE	COLOR	IDENT											
19394		XA304	27									SPP	01									
12640		XA304	28									+5V	02									
19395		XA304	29									SPP	01									
19396		XA304	30									SPP	01									
19397		XA304	31									SPP	01									
12642		XA304	32									GND	02	GROUND								
23149		XA304	32						16B	9		GND015	08									
19398		XA304	33									SPP	01									
19399		XA304	34									SPP	01									
19400		XA304	35									SPP	01									
19401		XA304	36									SPP	01									
19402		XA304	37									SPP	01									
19403		XA304	38									SPP	01									
19404		XA304	39									SPP	01									
19405		XA304	40									SPP	01									
19406		XA304	41									SPP	01									
19407		XA304	42									SPP	01									
19408		XA304	43									SPP	01									
11285		XA304	44									GND	01	GROUND								
23157		XA304	44						16B	9		GND016	08									
19409		XA304	45									SPP	01									
19410		XA304	46									SPP	01									
19411		XA304	47									SPP	01									
19412		XA304	48									SPP	01									
19413		XA304	49									SPP	01									
19414		XA304	50									SPP	01									
19415		XA304	51									SPP	01									
19416		XA304	52									SPP	01									
19417		XA304	53									SPP	01									
19418		XA304	54									SPP	01									
19419		XA304	55									SPP	01									
19420		XA304	56									SPP	01									
19421		XA304	57									SPP	01									
11286		XA304	58									GND	01	GROUND								
23164		XA304	58						16B	9		GND017	07									
19422		XA304	59									SPP	01									
19423		XA304	60									SPP	01									
19424		XA304	61									SPP	01									
19425		XA304	62									SPP	01									
19426		XA304	63									SPP	01									
19427		XA304	64									SPP	01									
19428		XA304	65									SPP	01									
19429		XA304	66									SPP	01									
11287		XA304	67									GND	01	GROUND								
23171		XA304	67						16B	9		GND018	07									
23448		XA304	67						Q5	1EB	0	YMRSDG	02									803
19430		XA304	68									SPP	01									
19431		XA304	69									SPP	01									
19432		XA304	70									SPP	01									
19433		XA304	71									SPP	01									
CONNECTOR (XA304) CONTINUED ON THE NEXT PAGE *****																						

DRAWING NUMBER 149012-880 CONNECTOR
 UNIT ASSEMBLY NAME CARD CAGE ASSY, CPU L.H.

UNIT ASSEMBLY NO. 149012 REV E INDEX XA304
 FILE IDENT T39B2CP1 DATE 09-03-82 PAGE 180

RECORD NUMBER	FROM				TO				WIRE				SIGNAL	SEQ NO	EQUATION	TERM	FACTOR	CKT OR CHIP TYPE	GROUP	LOAD CP 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												SPEC. LIST
19434		XA304	72										SPP	01										
19435		XA304	73										SPP	01										
19436		XA304	74										SPP	01										
19437		XA304	75										SPP	01										
19438		XA304	76										SPP	01										
19439		XA304	77										SPP	01										
19440		XA304	78										SPP	01										
19441		XA304	79										SPP	01										
19442		XA304	80										SPP	01										
19443		XA305	01										SPP	01										
11288		XA305	02										GND	01	GROUND									
19444		XA305	03										SPP	01										
19445		XA305	04										SPP	01										
19446		XA305	05										SPP	01										
19447		XA305	06										SPP	01										
19448		XA305	07										SPP	01										
19449		XA305	08										SPP	01										
19450		XA305	09										SPP	01										
19451		XA305	10										SPP	01										
19452		XA305	11										SPP	01										
12628		XA305	12										+5V	02										
19453		XA305	13										SPP	01										
19454		XA305	14										SPP	01										
19455		XA305	15										SPP	01										
12630		XA305	16										GND	02	GROUND									
19456		XA305	17										SPP	01										
19457		XA305	18										SPP	01										
19458		XA305	19										SPP	01										
19459		XA305	20										SPP	01										
19460		XA305	21										SPP	01										
19461		XA305	22										SPP	01										
19462		XA305	23										SPP	01										
19463		XA305	24										SPP	01										
19464		XA305	25										SPP	01										
19465		XA305	26										SPP	01										
19466		XA305	27										SPP	01										
12632		XA305	28										+5V	02										
19467		XA305	29										SPP	01										
19468		XA305	30										SPP	01										
19469		XA305	31										SPP	01										
12634		XA305	32										GND	01	GROUND									
19470		XA305	33										SPP	01										
19471		XA305	34										SPP	01										
19472		XA305	35										SPP	01										
19473		XA305	36										SPP	01										
19474		XA305	37										SPP	01										
19475		XA305	38										SPP	01										
19476		XA305	39										SPP	01										
CONNECTOR (XA305) CONTINUED ON THE NEXT PAGE ****																								

DRAWING NUMBER 149012-880 CONNECTOR
 UNIT ASSEMBLY NAME CARD CAGE ASSY, CPU L.H.

UNIT ASSEMBLY NO. 149012
 FILE IDENT T39B2CP1

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RECORD NUMBER	FROM			SFFS	TO			SFFS	WIRE				SFC	MISC	SIGNAL	SFG 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													
19477		XA305	40											SPP	01										
19478		XA305	41											SPP	01										
19479		XA305	42											SPP	01										
19480		XA305	43											SPP	01										
11289		XA305	44											GND	01	GROUND									
19481		XA305	45											SPP	01										
19482		XA305	46											SPP	01										
19483		XA305	47											SPP	01										
19484		XA305	48											SPP	01										
19485		XA305	49											SPP	01										
19486		XA305	50											SPP	01										
19487		XA305	51											SPP	01										
19488		XA305	52											SPP	01										
19489		XA305	53											SPP	01										
19490		XA305	54											SPP	01										
19491		XA305	55											SPP	01										
19492		XA305	56											SPP	01										
19493		XA305	57											SPP	01										
11290		XA305	58											GND	01	GROUND									
19494		XA305	59											SPP	01										
19495		XA305	60											SPP	01										
19496		XA305	61											SPP	01										
19497		XA305	62											SPP	01										
19498		XA305	63											SPP	01										
19499		XA305	64											SPP	01										
19500		XA305	65											SPP	01										
19501		XA305	66											SPP	01										
11291		XA305	67											GND	01	GROUND									
19502		XA305	68											SPP	01										
19503		XA305	69											SPP	01										
19504		XA305	70											SPP	01										
19505		XA305	71											SPP	01										
19506		XA305	72											SPP	01										
19507		XA305	73											SPP	01										
19508		XA305	74											SPP	01										
19509		XA305	75											SPP	01										
19510		XA305	76											SPP	01										
19511		XA305	77											SPP	01										
19512		XA305	78											SPP	01										
19513		XA305	79											SPP	01										
19514		XA305	80											SPP	01										
19515		XA306	01											SPP	01										
11292		XA306	02											GND	01	GROUND									
19516		XA306	03											SPP	01										
19517		XA306	04											SPP	01										
19518		XA306	05											SPP	01										
19519		XA306	06											SPP	01										
19520		XA306	07											SPP	01										
CONNECTOR (XA306) CONTINUED ON THE NEXT PAGE ****																									

DRAWING NUMBER 149012-880 CONNECTOR
 UNIT ASSEMBLY NAME CARD CAGE ASSY, CPU L.H.

UNIT ASSEMBLY NO. 149012 REV E INDEX XA306
 FILE IDENT T39B2CP1 DATE 09-03-82 PAGE 182

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	NO	MULTI GROUP	CODE	COLOR											
19521		XA306	08									SPP	01								
19522		XA306	09									SPP	01								
19523		XA306	10									SPP	01								
19524		XA306	11									SPP	01								
12620		XA306	12									+5V	01								
19525		XA306	13									SPP	01								
19526		XA306	14									SPP	01								
19527		XA306	15									SPP	01								
12622		XA306	16									GND	01	GROUND							
19528		XA306	17									SPP	01								
19529		XA306	18									SPP	01								
19530		XA306	19									SPP	01								
19531		XA306	20									SPP	01								
19532		XA306	21									SPP	01								
19533		XA306	22									SPP	01								
19534		XA306	23									SPP	01								
19535		XA306	24									SPP	01								
19536		XA306	25									SPP	01								
19537		XA306	26									SPP	01								
19538		XA306	27									SPP	01								
12624		XA306	28									+5V	01								
19539		XA306	29									SPP	01								
19540		XA306	30									SPP	01								
19541		XA306	31									SPP	01								
12626		XA306	32									GND	01	GROUND							
19542		XA306	33									SPP	01								
19543		XA306	34									SPP	01								
19544		XA306	35									SPP	01								
19545		XA306	36									SPP	01								
19546		XA306	37									SPP	01								
19547		XA306	38									SPP	01								
19548		XA306	39									SPP	01								
19549		XA306	40									SPP	01								
19550		XA306	41									SPP	01								
19551		XA306	42									SPP	01								
19552		XA306	43									SPP	01								
11293		XA306	44									GND	01	GROUND							
19553		XA306	45									SPP	01								
19554		XA306	46									SPP	01								
19555		XA306	47									SPP	01								
19556		XA306	48									SPP	01								
19557		XA306	49									SPP	01								
19558		XA306	50									SPP	01								
19559		XA306	51									SPP	01								
19560		XA306	52									SPP	01								
19561		XA306	53									SPP	01								
19562		XA306	54									SPP	01								
19563		XA306	55									SPP	01								
19564		XA306	56									SPP	01								
19565		XA306	57									SPP	01								
CONNECTOR (XA306) CONTINUED ON THE NEXT PAGE ****																					

DRAWING NUMBER 149012-880 CONNECTOR
 UNIT ASSEMBLY NAME CARD CAGE ASSY, CPU L.H.

UNIT ASSEMBLY NO. 149012
 FILE IDENT T39B2CP1

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 DATE 09-03-82 PAGE 183

RECORD NUMBER	FROM			SH PG	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	SH PG	GROUP	CODE	COLOR												
11294		XA306	58									GND	01	GROUND									
19566		XA306	59									SPP	01										
19567		XA306	60									SPP	01										
19568		XA306	61									SPP	01										
19569		XA306	62									SPP	01										
19570		XA306	63									SPP	01										
19571		XA306	64									SPP	01										
19572		XA306	65									SPP	01										
19573		XA306	66									SPP	01										
11295		XA306	67									GND	01	GROUND									
19574		XA306	68									SPP	01										
19575		XA306	69									SPP	01										
19576		XA306	70									SPP	01										
19577		XA306	71									SPP	01										
19578		XA306	72									SPP	01										
19579		XA306	73									SPP	01										
19580		XA306	74									SPP	01										
19581		XA306	75									SPP	01										
19582		XA306	76									SPP	01										
19583		XA306	77									SPP	01										
19584		XA306	78									SPP	01										
19585		XA306	79									SPP	01										
19586		XA306	80									SPP	01										
19587		XA307	01									SPP	01										
11296		XA307	02									GND	01	GROUND									
19588		XA307	03									SPP	01										
19589		XA307	04									SPP	01										
19590		XA307	05									SPP	01										
19591		XA307	06									SPP	01										
19592		XA307	07									SPP	01										
19593		XA307	08									SPP	01										
19594		XA307	09									SPP	01										
19595		XA307	10									SPP	01										
19596		XA307	11									SPP	01										
00453		XA307	12									+5V	01										
19597		XA307	13									SPP	01										
19598		XA307	14									SPP	01										
19599		XA307	15									SPP	01										
11297		XA307	16									GND	01	GROUND									
19600		XA307	17									SPP	01										
19601		XA307	18									SPP	01										
19602		XA307	19									SPP	01										
19603		XA307	20									SPP	01										
19604		XA307	21									SPP	01										
19605		XA307	22									SPP	01										
19606		XA307	23									SPP	01										
19607		XA307	24									SPP	01										
19608		XA307	25									SPP	01										
CONNECTOR (XA307) CONTINUED ON THE NEXT PAGE ****																							

DRAWING NUMBER 149012-880 CONNECTOR
 UNIT ASSEMBLY NAME CARD CAGE ASSY, CPU L.H.

UNIT ASSEMBLY NO. 149012
 FILE IDENT T39B2CP1

REV E INDEX XA307
 DATE 09-03-82 PAGE 184

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	INFO	PREFIX	CONNECTOR	PIN	INFO	MULTI GROUP	CODE	COLOR	IDENT													
19609		XA307	26										SPP	01											
19610		XA307	27										SPP	01											
00454		XA307	28										+5V	01											
19611		XA307	29										SPP	01											
19612		XA307	30										SPP	01											
19613		XA307	31										SPP	01											
11298		XA307	32										GND	01	GROUND										
19614		XA307	33										SPP	01											
19615		XA307	34										SPP	01											
19616		XA307	35										SPP	01											
19617		XA307	36										SPP	01											
19618		XA307	37										SPP	01											
19619		XA307	38										SPP	01											
19620		XA307	39										SPP	01											
19621		XA307	40										SPP	01											
19622		XA307	41										SPP	01											
19623		XA307	42										SPP	01											
19624		XA307	43										SPP	01											
11299		XA307	44										GND	01	GROUND										
19625		XA307	45										SPP	01											
19626		XA307	46										SPP	01											
19627		XA307	47										SPP	01											
19628		XA307	48										SPP	01											
19629		XA307	49										SPP	01											
19630		XA307	50										SPP	01											
19631		XA307	51										SPP	01											
19632		XA307	52										SPP	01											
19633		XA307	53										SPP	01											
19634		XA307	54										SPP	01											
19635		XA307	55										SPP	01											
19636		XA307	56										SPP	01											
19637		XA307	57										SPP	01											
11300		XA307	58										GND	01	GROUND										
19638		XA307	59										SPP	01											
19639		XA307	60										SPP	01											
19640		XA307	61										SPP	01											
19641		XA307	62										SPP	01											
19642		XA307	63										SPP	01											
19643		XA307	64										SPP	01											
19644		XA307	65										SPP	01											
19645		XA307	66										SPP	01											
11301		XA307	67										GND	01	GROUND										
19646		XA307	68										SPP	01											
19647		XA307	69										SPP	01											
19648		XA307	70										SPP	01											
19649		XA307	71										SPP	01											
19650		XA307	72										SPP	01											
19651		XA307	73										SPP	01											
19652		XA307	74										SPP	01											
19653		XA307	75										SPP	01											
CONNECTOR	XA307	CONTINUED ON THE NEXT PAGE ****																							

DRAWING NUMBER 149012-880 CONNECTOR
 UNIT ASSEMBLY NAME CARD CAGE ASSY, CPU L.H.

UNIT ASSEMBLY NO. 149012 REV E INDEX XA307
 FILE IDENT T39B2CP1 DATE 09-03-82 PAGE 185

RECORD NUMBER	FROM			SFP	TO			WIRE										SFP 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	DE LG	MULTI GROUP	CODE	COLOR	IDENT	SFC INST	MISC	SIGNAL													
19654		XA307	76											SPP	01													
19655		XA307	77											SPP	01													
19656		XA307	78											SPP	01													
19657		XA307	75											SPP	01													
19658		XA307	80											SPP	01													
19659		XA308	01											SPP	01													
11302		XA308	02											GND	01	GROUND												
19660		XA308	03											SPP	01													
19661		XA308	04											SPP	01													
19662		XA308	05											SPP	01													
19663		XA308	06											SPP	01													
19664		XA308	07											SPP	01													
19665		XA308	08											SPP	01													
19666		XA308	09											SPP	01													
19667		XA308	10											SPP	01													
19668		XA308	11											SPP	01													
00455		XA308	12											+5V	01													
19669		XA308	13											SPP	01													
19670		XA308	14											SPP	01													
19671		XA308	15											SPP	01													
11303		XA308	16											GND	01	GROUND												
19672		XA308	17											SPP	01													
19673		XA308	18											SPP	01													
19674		XA308	19											SPP	01													
19675		XA308	20											SPP	01													
19676		XA308	21											SPP	01													
19677		XA308	22											SPP	01													
19678		XA308	23											SPP	01													
19679		XA308	24											SPP	01													
19680		XA308	25											SPP	01													
19681		XA308	26											SPP	01													
19682		XA308	27											SPP	01													
00456		XA308	28											+5V	01													
19683		XA308	29											SPP	01													
19684		XA308	30											SPP	01													
19685		XA308	31											SPP	01													
11304		XA308	32											GND	01	GROUND												
19686		XA308	33											SPP	01													
19687		XA308	34											SPP	01													
19688		XA308	35											SPP	01													
19689		XA308	36											SPP	01													
19690		XA308	37											SPP	01													
19691		XA308	38											SPP	01													
19692		XA308	39											SPP	01													
19693		XA308	40											SPP	01													
19694		XA308	41											SPP	01													
19695		XA308	42											SPP	01													
19696		XA308	43											SPP	01													
CONNECTOR		XA308	CONTINUED ON THE NEXT PAGE ****																									

DRAWING NUMBER 149012-880 CONNECTOR UNIT ASSEMBLY NO. 149012 REV E INDEX XA308
 UNIT ASSEMBLY NAME CARD CAGE ASSY, CPU L.H. FILE IDENT T39B2CP1 DATE 09-03-82 PAGE 186

RECORD NUMBER	FROM				TO				WIRE				SIGNAL	SEC NO	EQUATION	TERM	FACT	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	COLUMN	IDENT											
11305		XA308	44										GND	01	GROUND								
19697		XA308	45										SPP	01									
19698		XA308	46										SPP	01									
19699		XA308	47										SPP	01									
19700		XA308	48										SPP	01									
19701		XA308	49										SPP	01									
19702		XA308	50										SPP	01									
19703		XA308	51										SPP	01									
19704		XA308	52										SPP	01									
19705		XA308	53										SPP	01									
19706		XA308	54										SPP	01									
19707		XA308	55										SPP	01									
19708		XA308	56										SPP	01									
19709		XA308	57										SPP	01									
11306		XA308	58										GND	01	GROUND								
19710		XA308	59										SPP	01									
19711		XA308	60										SPP	01									
19712		XA308	61										SPP	01									
19713		XA308	62										SPP	01									
19714		XA308	63										SPP	01									
19715		XA308	64										SPP	01									
19716		XA308	65										SPP	01									
19717		XA308	66										SPP	01									
11307		XA308	67										GND	01	GROUND								
19718		XA308	68										SPP	01									
19719		XA308	69										SPP	01									
19720		XA308	70										SPP	01									
19721		XA308	71										SPP	01									
19722		XA308	72										SPP	01									
19723		XA308	73										SPP	01									
19724		XA308	74										SPP	01									
19725		XA308	75										SPP	01									
19726		XA308	76										SPP	01									
19727		XA308	77										SPP	01									
19728		XA308	78										SPP	01									
19729		XA308	79										SPP	01									
19730		XA308	80										SPP	01									
19731		XA309	01										SPP	01									
11308		XA309	02										GND	01	GROUND								
19732		XA309	03										SPP	01									
19733		XA309	04										SPP	01									
19734		XA309	05										SPP	01									
19735		XA309	06										SPP	01									
19736		XA309	07										SPP	01									
19737		XA309	08										SPP	01									
19738		XA309	09										SPP	01									
19739		XA309	10										SPP	01									
19740		XA309	11										SPP	01									
CONNECTOR (XA309) CONTINUED ON THE NEXT PAGE ****																							

DRAWING NUMBER 149012-880 CONNECTOR UNIT ASSEMBLY NO. 149012 REV E INDEX XA309
 UNIT ASSEMBLY NAME CARD CAGE ASSY, CPU L.H. FILE IDENT T39B2CP1 DATE 09-03-82 PAGE 187

RECORD NUMBER	FROM				TO				WIRE				SPP INST MISC	SIGNAL	SEQ NO	EQUATION	TERM	FACTOR	CKT OR CHIP TYPE	GROUP	LOAD CP POWER PLANE	TEST POINTS ANC OR	SIGNAL DESCRIPTION	ECO NO
	PREFIX	CONNECTOR	PIN	SN FC	PREFIX	CONNECTOR	PIN	SN FC	MULTI GROUP	CODE	COLOR	IDENT												
19785		XA309	62										SPP	01										
19786		XA309	63										SPP	01										
19787		XA309	64										SPP	01										
19788		XA309	65										SPP	01										
19789		XA309	66										SPP	01										
11313		XA309	67										GND	01	GROUND									
19790		XA309	68										SPP	01										
19791		XA309	69										SPP	01										
19792		XA309	70										SPP	01										
19793		XA309	71										SPP	01										
19794		XA309	72										SPP	01										
19795		XA309	73										SPP	01										
19796		XA309	74										SPP	01										
19797		XA309	75										SPP	01										
19798		XA309	76										SPP	01										
19799		XA309	77										SPP	01										
19800		XA309	78										SPP	01										
19801		XA309	79										SPP	01										
19802		XA309	80										SPP	01										
09158		XA310	01										DNW	01				RR1						
11314		XA310	02										GND	01	GROUND			RR1						
00090		XA310	03		XA310	13				16B	9		+5RE1B	044				RR1	AP					
00091		XA310	04										SPF	01				RR1	AP			+5RE1B		B02
20684		XA310	05										SPR	01				RR1	A1					
20686		XA310	06										SPR	01				RR1	A2					
20688		XA310	07										SPR	02				RR1	A3					
20690		XA310	08										SPR	01				RR1	A4					
20692		XA310	09		XA315	39				16B	9		SP0002	01				RR1	A5					
20694		XA310	10		XA316	30				16B	9		SP0003	01				RR1	A6					
09159		XA310	11										DNW	01				RR1						
09160		XA310	12										+5V	01				RR1						
00092		XA310	13		XA310	21				16B	9		+5RE1B	045				RR1	BP					
00093		XA310	14										SPF	01				RR1	BP			+5RE1B		B02
12711		XA310	15										DNW	01				RR1				KEYWAY		C05
11315		XA310	16										DNW	01				RR1				KEYWAY		C05
20696		XA310	17		XA316	33				16B	9		SP0004	01				RR1	B1					
20698		XA310	18		XA316	39				16B	9		SP0005	01				RR1	B2					
20517		XA310	19										SPR	01				RR1	B3					
20518		XA310	20										SPR	01				RR1	B4					
00094		XA310	21		XA310	33				16B	9		+5RE1B	046				RR1	CP					
00095		XA310	22										SPF	01				RR1	CP			+5RE1B		B02
20519		XA310	23										SPR	01				RR1	C1					
20520		XA310	24										SPR	01				RR1	B5					
20521		XA310	25										SPR	01				RR1	C2					
20522		XA310	26										SPR	01				RR1	B6					
12712		XA310	27										DNW	01				RR1				KEYWAY		C05
09161		XA310	28										DNW	01				RR1				KEYWAY		C05
20523		XA310	29										WDD01B	03				RR1	C3					B03
CONNECTOR		XA310	CONTINUED ON THE NEXT PAGE ****																					

DRAWING NUMBER 149012-880 CONNECTOR UNIT ASSEMBLY NO. 149012 REV E INDEX XA309
 UNIT ASSEMBLY NAME CARD CAGE ASSY, CPU L.H. FILE IDENT T39B2CP1 DATE 09-03-82 PAGE 188

RECORD NUMBER	FROM				TO				WIRE				SFC INST. MISC	SIGNAL	SEQ NO	EQUATION	TERM	FACTOR	CKT OR CHIP TYPE	GROUP	LOAD CP 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													
19785		XA309	62										SPP	01											
19786		XA309	63										SPP	01											
19787		XA309	64										SPP	01											
19788		XA309	65										SPP	01											
19789		XA309	66										SPP	01											
11313		XA309	67										GND	01	GROUND										
19790		XA309	68										SPP	01											
19791		XA309	69										SPP	01											
19792		XA309	70										SPP	01											
19793		XA309	71										SPP	01											
19794		XA309	72										SPP	01											
19795		XA309	73										SPP	01											
19796		XA309	74										SPP	01											
19797		XA309	75										SPP	01											
19798		XA309	76										SPP	01											
19799		XA309	77										SPP	01											
19800		XA309	78										SPP	01											
19801		XA309	79										SPP	01											
19802		XA309	80										SPP	01											
09158		XA310	01										DNW	01				RR1							
11314		XA310	02										GND	01	GROUND			RR1							
00090		XA310	03		XA310	13				16B	9		+5RE1B	044				RR1	AP						
00091		XA310	04										SPF	01				RR1	AP				+5RE1B		B02
20684		XA310	05										SPR	01				RR1	A1						
20686		XA310	06										SPR	01				RR1	A2						
20688		XA310	07										SPR	02				RR1	A3						
20690		XA310	08										SPR	01				RR1	A4						
20692		XA310	09		XA315	39				16B	9		SP0002	01				RR1	A5						
20694		XA310	10		XA316	30				16B	9		SP0003	01				RR1	A6						
09159		XA310	11										DNW	01				RR1							
09160		XA310	12										+5V	01				RR1							
00092		XA310	13		XA310	21				16B	9		+5RE1B	045				RR1	BP						
00093		XA310	14										SPF	01				RR1	BP				+5RE1B		B02
12711		XA310	15										DNW	01				RR1					KEYWAY		C05
11315		XA310	16										DNW	01				RR1					KEYWAY		C05
20696		XA310	17		XA316	33				16B	9		SP0004	01				RR1	B1						
20698		XA310	18		XA316	39				16B	9		SP0005	01				RR1	B2						
20517		XA310	19										SPR	01				RR1	B3						
20518		XA310	20										SPR	01				RR1	B4						
00094		XA310	21		XA310	33				16B	9		+5RE1B	046				RR1	CP				+5RE1B		B02
00095		XA310	22										SPF	01				RR1	CP						
20519		XA310	23										SPR	01				RR1	C1						
20520		XA310	24										SPR	01				RR1	B5						
20521		XA310	25										SPR	01				RR1	C2						
20522		XA310	26										SPR	01				RR1	B6						
12712		XA310	27										DNW	01				RR1					KEYWAY		C05
09161		XA310	28										DNW	01				RR1					KEYWAY		C05
20523		XA310	29										WDDDIB	03				RR1	C3						B03
CONNECTOR	XA310	CONTINUED ON THE NEXT PAGE ****																							

DRAWING NUMBER 149012-880 CONNECTOR UNIT ASSEMBLY NO. 149012 REV E INDEX XA310
 UNIT ASSEMBLY NAME CARD CAGE ASSY, CPU L.H. FILE IDENT T39B2CP1 DATE 09-03-82 PAGE 189

RECORD NUMBER	FROM				TO				WIRE				SFC INST MISC	SIGNAL	SFC NO	EQUATION	TERM	FACTOR	CKT OR CHIP TYPE	GROUP	LOAD OR POWER PLANS	TEST POINTS AND OR	SIGNAL DESCRIPTION	ECO NO
	PREFIX	CONNECTOR	PIN	SHFT	PREFIX	CONNECTOR	PIN	SHFT	MULTI GROUP	CODE	COLOR	IDENT												
17753		XA310	30										SPI020	01										
09162		XA310	31			XA313	17			16B	9		DNW	01					RR1	C4				
11316		XA310	32										GND	01	GROUND				RR1					
00096		XA310	33			XA310	49			16B	9		+5RE1B	047					RR1	DP				
00097		XA310	34										SPF						RR1	DP				
17804		XA310	35			XA410	50			16B	9		SPI025	01					RR1	D1		+5RE1B		B02
17793		XA310	36			XA410	48			16B	9		SPI024	01					RR1	C6				
17815		XA310	37			XA410	35			16B	9		SPI026	01					RR1	D2				
17762		XA310	38			XA313	19			16B	9		SPI021	01					RR1	C5				
17824		XA310	39			XA410	37			16B	9		SPI027	01					RR1	D3				
16805		XA310	40			XA312	03			16B	9		SPA066	01					RR1	D4				
16914		XA310	41			XA410	03			16B	9		SPA078	01					RR1	E1				
20524		XA310	42										SPR	01					RR1	D5				
09163		XA310	43										DNW	01					RR1					
11317		XA310	44										GND	01	GROUND				RR1					
16925		XA310	45			XA410	42			16B	9		SPA079	01					RR1	E2				
20525		XA310	46										SPR	01					RR1	D6				
16939		XA310	47			XA411	51			16B	9		SPA080	01					RR1	E3				
16950		XA310	48			XA419	56			16B	9		SPA081	01					RR1	F4				
00098		XA310	49			XA310	59			16B	9		+5RE1B	048					RR1	EP				
00099		XA310	50										SPF						RR1	EP		+5RE1B		B02
16983		XA310	51			XA421	73			16B	9		SPA084	01					RR1	F1				
16981		XA310	52			XA421	04			16B	9		SPA082	01					RR1	E5				
16994		XA310	53			XA422	41			16B	9		SPA085	01					RR1	F2				
16972		XA310	54			XA421	53			16B	9		SPA083	01					RR1	E6				
17005		XA310	55			XA422	64			16B	9		SPA086	01					RR1	F3				
20526		XA310	56										SPR	01					RR1	F4				
09164		XA310	57										DNW	01					RR1					
22643		XA310	58										GND	01	GROUND				RR1					
00100		XA310	59			XA310	69			16B	9		+5RE1B	049					RR1	FP				
00101		XA310	60										SPF						RR1	FP		+5RE1B		B02
20527		XA310	61										SPR	01					RR1	G1				
20528		XA310	62										SPR	01					RR1	F5				
20529		XA310	63										SPR	01					RR1	G2				
20530		XA310	64										SPR	01					RR1	F6				
20531		XA310	65										SPR	01					RR1	G3				
20532		XA310	66										SPR	01					RR1	G4				
22644		XA310	67										GND	01	GROUND				RR1					
09165		XA310	68										DNW	01					RR1					
00102		XA310	69			XA310	79			16B	9		+5RE1B	05C					RR1	GP				
00103		XA310	70										SPF						RR1	GP		+5RE1B		B02
20533		XA310	71										SPR	01					RR1	H1				
20534		XA310	72										SPR	01					RR1	G5				
20535		XA310	73										SPR	01					RR1	H2				
20536		XA310	74										SPR	01					RR1	G6				
20537		XA310	75										SPR	01					RR1	H3				
20538		XA310	76										SPR	01					RR1	H4				
20539		XA310	77										SPR	01					RR1	H5				
20540		XA310	78										SPR	01					RR1	H6				
00104		XA310	79			XA404	03			16B	9		+5RE1B	05F					RR1	HP				B03

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

DRAWING NUMBER 149012-880 CONNECTOR
 UNIT ASSEMBLY NAME CARD CAGE ASSY, CPU L.H.

UNIT ASSEMBLY NO. 149012
 FILE IDENT T39B2CP1

REV E INDEX XA310
 DATE 09-03-82 PAGE 190

RECORD NUMBER	FROM			TO			WIRE			SPL INST MISC	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	PREFIX	CONNECTOR	PIN	SH TC	MULTI GROUP	CODE												
00105		XA310	80									SPF	09			RR1	HP		+5RE1B	B02	
09166		XA311	01									DNW	01			RR4					
21268		XA311	02	1	XA311	06	1	168	9			30832G	01	GROUND		RR4					
22645		XA311	02									GND		GROUND		RR4					
00106		XA311	03		XA311	13		168	9			+05VIC	01			RR4	AP		+05VIC	B02	
00107		XA311	04									SPF	01			RR4	AP				
20967		XA311	05		XA312	76		168	9			JDB00B4	02			RR4	A3				
21265		XA311	06					168	9			30832G	02	GROUND		RR4	AC				
20955		XA311	07		XA312	74		168	9			JDB01B4	02			RR4	A4				
20951		XA311	08		XA312	71		168	9			JDB02B4	02			RR4	A1				
20943		XA311	09		XA312	77		168	9			JDB03B4	02			RR4	A5				
20935		XA311	10		XA312	59		168	9			JDB04B4	02			RR4	A2				
09167		XA311	11									DNW	01			RR4					
00459		XA311	12									+5V	01			RR4					
00108		XA311	13		XA311	21		168	9			+05VIC	02			RR4	BP		+05VIC	B02	
00109		XA311	14									SPF				RR4	BP				
12713		XA311	15									DNW	01			RR4			KEYWAY	C05	
12714		XA311	16									DNW	01			RR4			KEYWAY	C05	
20927		XA311	17		XA312	53		168	9			JDB05B4	02			RR4	B4				
21281		XA311	18	1	XA312	16	1	168	9			30916G	01	GROUND		RR4	BC				
20919		XA311	19		XA312	62		168	9			JDB06B4	02			RR4	B5				
20911		XA311	20		XA312	70		168	9			JDB07B4	02			RR4	B1				
00110		XA311	21		XA311	33		168	9			+05VIC	03			RR4	CP		+05VIC	B02	
00111		XA311	22									SPF				RR4	CP				
20903		XA311	23		XA312	49		168	9			JDB08B4	02			RR4	C3				
20895		XA311	24		XA312	43		168	9			JDB09B4	02			RR4	B3				
20887		XA311	25		XA312	50		168	9			JDB10B4	02			RR4	C4				
20879		XA311	26		XA312	56		168	9			JDB11B4	02			RR4	B2				
09168		XA311	27									DNW	01			RR4					
00460		XA311	28									+5V	01			RR4					
20871		XA311	29		XA312	37		168	9			JDB12B4	02			RR4	C5				
21270		XA311	30	1	XA311	32	1	168	9			30832G	01	GROUND		RR4	CC				
09169		XA311	31									DNW	01			RR4					
21271		XA311	32					168	9			30832G	02	GROUND		RR4					
22646		XA311	32									GND		GROUND		RR4					
00112		XA311	33		XA311	49		168	9			+05VIC	04			RR4	DP		+05VIC	B02	
00113		XA311	34									SPF				RR4	DP				
20863		XA311	35		XA312	29		168	9			JDB13B4	02			RR4	D3				
20855		XA311	36		XA312	34		168	9			JDB14B4	02			RR4	C1				
20847		XA311	37		XA312	42		168	9			JDB15B4	02			RR4	D4				
20839		XA311	38		XA313	76		168	9			JDB16B4	02			RR4	C2				
20831		XA311	39		XA313	74		168	9			JDB17B4	02			RR4	D5				
21272		XA311	40	1	XA311	44	1	168	9			30844G	01	GROUND		RR4	DC				
20823		XA311	41		XA313	71		168	9			JDB18B4	02			RR4	E5				
20815		XA311	42		XA313	77		168	9			JDB19B4	02			RR4	D1				
09170		XA311	43									DNW	01			RR4					
21273		XA311	44					168	9			30844G	02	GROUND		RR4					
22647		XA311	44									GND		GROUND		RR4					
CONNECTOR XA311 CONTINUED ON THE NEXT PAGE ****																					

DRAWING NUMBER 149012-880 CONNECTOR UNIT ASSEMBLY NO. 149012 REV E INDEX XA311
 UNIT ASSEMBLY NAME FROM CARD CAGE ASSY, CPU L.H. FILE IDENT T39B2CP1 DATE 09-03-82 PAGE 191

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											
20807		XA311	45			XA313	59			16B	9		JDB20B4	02				RR4	E4				
20799		XA311	46			XA313	53			16B	9		JDB21B4	02				RR4	D2				
20791		XA311	47			XA313	62			16B	9		JDB22B4	02				RR4	E3				
20783		XA311	48			XA313	70			16B	9		JDB23B4	02				RR4	E2				
00114		XA311	49			XA311	59			16B	9		+05VIC	05				RR4	EP				
00115		XA311	50										SPF					RR4	EP			+05VIC	B02
20775		XA311	51			XA313	47			16B	9		JDB24B4	02				RR4	F5				
20767		XA311	52			XA313	41			16B	9		JDB25B4	02				RR4	E1				
20759		XA311	53			XA313	48			16B	9		JDB26B4	02				RR4	F4				
21274		XA311	54	1		XA312	44		1	16B	9		30854G	01	GROUND			RR4	EC				
20751		XA311	55			XA313	54			16B	9		JDB27B4	02				RR4	F3				
20743		XA311	56			XA313	35			16B	9		JDB28B4	02				RR4	F2				
12715		XA311	57										DNW	01				RR4				KEYWAY	C05
12716		XA311	58										DNW	01				RR4				KEYWAY	C05
00116		XA311	59			XA311	69			16B	9		+05VIC	06				RR4	FP			+05VIC	B02
00117		XA311	60										SPF					RR4	FP				
20735		XA311	61			XA313	29			16B	9		JDB29B4	02				RR4	G5				
20727		XA311	62			XA313	34			16B	9		JDB30B4	02				RR4	F1				
20719		XA311	63										SPR	01				RR4	G4				
21276		XA311	64			XA312	44			18B	9		30864G	01	GROUND			RR4	FC				
21053		XA311	65			XA313	40			16B	9		JDB31B4	02				RR4	G3				
21061		XA311	66							16B	9		JMTSCB	03				PR4	G2				B03
21278		XA311	67	1		XA311	74		1	16B	9		30867G	01	GROUND			RR4					
22648		XA311	67										GND		GROUND			RR4					
00001		XA311	68										DNW	01				RR4					
00118		XA311	69			XA303	79			16B	9		+05VIC	07				RR4	GP				
00119		XA311	70										SPF					RR4	GP			+05VIC	B02
21069		XA311	71										SPR	01				RR4	H5				
21077		XA311	72										SPR	01				RR4	G1				
21085		XA311	73										SPR	01				RR4	H4				
21279		XA311	74			XA311	77			18B	9		30867G	02	GROUND			RR4	GC				
21093		XA311	75										SPR	01				RR4	H3				
20541		XA311	76			XA203	39			16B	9		TPWFSB4	02				RR4	H2				
21280		XA311	77							18B	9		30867G	03	GROUND			RR4	HC				
23308		XA311	77						ZK	1ED	0		+5AXUR	02				RR4	HC				B04
20542		XA311	78			XA313	23			16B	9		TPWF2D	02				RR4	H1				
00120		XA311	79			XA405	06			16B	9		+5AXUC	04				RR4	HP				C01
00121		XA311	80										SPF	01				RR4	HP			+05VIC	B02
21020		XA312	01							16B	9		T0DB2A	04	T0DB2A	00	1	TQ2	A2			02B	BUS DATA TO IOU H
11318		XA312	02										GND	01	GROUND			TQ2				01A	
16806		XA312	03			XA312	11			16B	9		SPA066	02	DTTDC0	01	1	TQ2	A3			02A	
06549		XA312	04							16B	9		CMT48Q	02	T0DB2A	01	1	TQ2	A2			04A	
10288		XA312	05			XA312	13			16B	9		DTTDCA	03	T0DB2A	01	2	TQ2	A2			03B	
21013		XA312	06			XA313	11			16B	9		T0DB1A	04	T0DB1A	00	1	TQ2	A1			05A	BUS DATA TO IOU F
10287		XA312	07			XA312	05			16B	9		DTTDCA	02	DTTDC0	01	2	TQ2	A3			03A	
06547		XA312	08							16B	9		CMT48P	02	T0DB1A	01	2	TQ2	A1			06A	
10301		XA312	09							16B	9		DTTDC0	06	DTTDC0	00	1	TQ2	A3			04B	IOU DATA TO BUS C
06543		XA312	10							16B	9		CMT3BQ	02	T0DB1A	01	1	TQ2	A1			07A	
CONNECTOR (XA312) CONTINUED ON THE NEXT PAGE ****																							

DRAWING NUMBER 149012-880 CONNECTOR UNIT ASSEMBLY NO. 149012 REV E INDEX XA312
 UNIT ASSEMBLY NAME CARD CAGE ASSY, CPU L.H. FILE IDENT T39B2CP1 DATE 09-03-82 PAGE 192

RECORD NUMBER	FROM			SUF	TO			SUF	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		GROUP	CODE	COLOR	IDENT												
20807		XA311	45		XA313	59					16B	9		JDB20B4	02				RR4	E4				
20799		XA311	46		XA313	53					16B	9		JDB21B4	02				RR4	D2				
20791		XA311	47		XA313	62					16B	9		JDB22B4	02				RR4	E3				
20783		XA311	48		XA313	70					16B	9		JDB23B4	02				RR4	E2				
00114		XA311	49		XA311	59					16B	9		+05VIC	05				RR4	EP				
00115		XA311	50											SPF					RR4	EP			+05VIC	B02
20775		XA311	51		XA313	47					16B	9		JDB24B4	02				RR4	F5				
20767		XA311	52		XA313	41					16B	9		JDB25B4	02				RR4	E1				
20759		XA311	53		XA313	48					16B	9		JDB26B4	02				RR4	F4				
21274		XA311	54	1	XA312	44	1				16B	9		30854G	01	GROUND			RR4	EC				
20751		XA311	55		XA313	54					16B	9		JDB27B4	02				RR4	F3				
20743		XA311	56		XA313	35					16B	9		JDB28B4	02				RR4	F2				
12715		XA311	57											DNW	01				RR4				KEYWAY	C05
12716		XA311	58											DNW	01				RR4				KEYWAY	C05
00116		XA311	59		XA311	69					16B	9		+05VIC	06				RR4	FP			+05VIC	B02
00117		XA311	60											SPF					RR4	FP				
20735		XA311	61		XA313	29					16B	9		JDB29B4	02				RR4	G5				
20727		XA311	62		XA313	34					16B	9		JDB30B4	02				RR4	F1				
20719		XA311	63											SPR	01				RR4	G4				
21276		XA311	64		XA312	44					16B	9		30864G	01	CRGUND			RR4	FC				
21053		XA311	65		XA313	40					16B	9		JDB31B4	02				RR4	G3				
21061		XA311	66								16B	9		JMTSCB	03				RR4	G2				B03
21278		XA311	67	1	XA311	74	1				16B	9		30867G	01	GROUND			RR4					
22648		XA311	67											GND		GROUND			RR4					
00001		XA311	68											DNW	01				RR4					
00118		XA311	69		XA303	79					16B	9		+05VIC	07				RR4	GP			+05VIC	B02
00119		XA311	70											SPF					RR4	SP				
21069		XA311	71											SPR	01				RR4	H5				
21077		XA311	72											SPR	01				RR4	G1				
21085		XA311	73											SPR	01				RR4	H4				
21279		XA311	74		XA311	77					16B	9		30867G	02	GROUND			RR4	GC				
21093		XA311	75											SPR	01				RR4	H3				
20541		XA311	76		XA203	39					16B	9		TPWFSB4	02				RR4	H2				
21280		XA311	77								16B	9		30867G	03	GROUND			RR4	HC				
23308		XA311	77							ZK	1ED	0		+5AXUR	02				RR4	HC				B04
20542		XA311	78		XA313	23					16B	9		TPWF2D	02				RR4	H1				
00120		XA311	79		XA405	06					16B	9		+5AXUC	04				RR4	HP				C01
00121		XA311	80											SPF	01				RR4	HP			+05VIC	B02
21020		XA312	01								16B	9		TDDB2A	04	TDDB2A	00	1	TQ2	A2		02B	BUS DATA TO IOU H	
11318		XA312	02											GND	01	GROUND			TQ2			01A		
16806		XA312	03		XA312	11					16B	9		SPA066	02	DTTDC0	01	1	TQ2	A3		02A		
06549		XA312	04								16B	9		CMT48Q	02	TDDB2A	01	1	TQ2	A2		04A		
10288		XA312	05		XA312	13					16B	9		DTTDC0	03	TDDB2A	01	2	TQ2	A2		03B		
21013		XA312	06		XA313	11					16B	9		TDDB1A	04	TDDB1A	00	1	TQ2	A1		05A	BUS DATA TO IOU F	
10287		XA312	07		XA312	05					16B	9		DTTDC0	02	DTTDC0	01	2	TQ2	A3		03A		
06547		XA312	08								16B	9		CMT48P	02	TDDB1A	01	2	TQ2	A1		06A		
10301		XA312	09								16B	9		DTTDC0	06	DTTDC0	00	1	TQ2	A3		04B	IOU DATA TO BUS C	
06543		XA312	10								16B	9		CMT38Q	02	TDDB1A	01	1	TQ2	A1		07A		
CONNECTOR (XA312) CONTINUED ON THE NEXT PAGE ****																								

DRAWING NUMBER 149012-880 CONNECTOR UNIT ASSEMBLY NO. 149012 REV E INDEX XA312
 UNIT ASSEMBLY NAME CARD CAGE ASSY, CPU L.H. FILE IDENT T39B2CP1 DATE 09-03-82 PAGE 193

RECORD NUMBER	FROM			TO			WIRE				SIGNAL	SEQ NO	EQUATION	TERM	FACTOR	CKT OR CHIP TYPE	GROUP	LOAD OR POWER PLANE	TEST POINTS AND CR	SIGNAL DESCRIPTION	ECO NO
	PREFIX	CONNECTOR	PIN	PREFIX	CONNECTOR	PIN	DR FG	MULTI GROUP	CODE	COLOR											
22651		XA312	58									GND									
20752		XA312	59		XA315	51			168	9		JDB04B4	03	TB04C0	01	1	TQ2	E4		27A	
20765		XA312	60						168	9		TB06C0	02	TB06C0	00	1	TQ2	E2		31B	
10378		XA312	61		XA312	64			168	9		ECDB08	13	TB04C0	01	2	TQ2	E4		28A	IOU DATA IN - 06
20768		XA312	62		XA315	46			168	9		JDB06B4	03	TB06C0	00	2	TQ2	E2		29A	
20749		XA312	63						168	9		TB04C0	02	TB04C0	01	1	TQ2	E4		33B	IOU DATA IN - 04
10379		XA312	64		XA312	65			168	9		ECDB08	14	TB06C0	01	1	TQ2	E2		30A	
10380		XA312	65		XA312	68			168	9		ECDB08	15	TB01C0	01	1	TQ2	F3		34B	
20773		XA312	66						168	9		TB07C0	02	TB07C0	00	1	TQ2	E1		31A	IOU DATA IN - 07
22652		XA312	67									GND		GROUND						40A	
10381		XA312	68		XA312	73			168	9		ECDB08	16	TB07C0	01	2	TQ2	E1		32A	
20725		XA312	69						168	9		TB01C0	02	TB01C0	00	1	TQ2	F3		35A	IOU DATA IN - 01
20776		XA312	70		XA315	52			168	9		JDB07B4	03	TB07C0	01	1	TQ2	E1		33A	
20736		XA312	71		XA316	46			168	9		JDB02B4	03	TB02C0	01	2	TQ2	F2		36A	
20733		XA312	72						168	9		TB02C0	02	TB02C0	00	1	TQ2	F2		34A	IOU DATA IN - 02
10382		XA312	73		XA312	78			168	9		ECDB08	17	TB02C0	01	1	TQ2	F2		36B	
20728		XA312	74		XA316	45			168	9		JDB01B4	03	TB01C0	01	2	TQ2	F3		35B	
20741		XA312	75						168	9		TB03C0	02	TB03C0	00	1	TQ2	F1		37B	IOU DATA IN - 03
20720		XA312	76		XA316	51			168	9		JDB00B4	03	TB00C0	01	1	TQ2	F4		37A	
20744		XA312	77		XA316	52			168	9		JDB03B4	03	TB03C0	01	2	TQ2	F1		38B	
10383		XA312	78		XA312	79			168	9		ECDB08	18	TB00C0	01	2	TQ2	F4		38A	
10384		XA312	79						168	9	K	ECDB08	19	TB03C0	01	1	TQ2	F1		39B	
20717		XA312	80						168	9		TB00C0	02	TB00C0	00	1	TQ2	F4		39A	IOU DATA IN - 00
20984		XA313	01						168	9		TDBB00	07	TDBB00	00	1	TQ2	A2		02B	UPPR BUS DATA TO
11320		XA313	02									GND	01	GROUND						01A	
16812		XA313	03		XA313	04			168	9		SPA066	08	TDBB00	01	1	TQ2	A3		02A	
16813		XA313	04		XA313	08			168	9		SPA066	09	TDBB00	01	1	TQ2	A2		04A	
21015		XA313	05		XA313	07			168	9		TDBB1A	06	TDBB00	01	2	TQ2	A2		03B	
20977		XA313	06						168	9		TDBB00	06	TDBB00	00	1	TQ2	A1		05A	UPPR BUS DATA TO
21016		XA313	07						168	9		TDBB1A	07	TDBB00	01	2	TQ2	A3		03A	
16814		XA313	08		XA335	05			168	9		SPA066	10	TDBB00	01	2	TQ2	A1		06A	
20990		XA313	09						168	9		TDBB00	06	TDBB00	00	1	TQ2	A3		04B	UPPR BUS DATA TO
21012		XA313	10		XA312	06			168	9		TDBB1A	03	TDBB00	01	1	TQ2	A1		07A	
21014		XA313	11		XA313	05			168	9		TDBB1A	05	TDBB00	01	1	TQ2	A4		05B	
00463		XA313	12									+5V	01								
21019		XA313	13		XA312	01			168	9		TDBB2A	03	TDBB00	01	2	TQ2	A4		06B	
21005		XA313	14		XA314	10			168	9		TDBB00	02	TDBB00	00	1	TQ2	B2		09A	LWR BUS DATA TO I
20996		XA313	15						168	9		TDBB00	06	TDBB00	00	1	TQ2	A4		07B	LWR BUS DATA TO I
11321		XA313	16									GND	01	GROUND						01B	
17754		XA313	17		XA315	35			168	9		SPI020	02		01	1	TQ2	B3		08B	
21018		XA313	18		XA313	13			168	9		TDBB2A	02	TDBB00	01	2	TQ2	B2		10A	
17763		XA313	19		XA313	25			168	9		SPI021	02		01	2	TQ2	B3		09B	
21011		XA313	20		XA313	10			168	9		TDBB1A	02	TDBB00	01	1	TQ2	B2		11A	
20685		XA313	21									SPO	02		00	1	TQ2	B3		10B	
21000		XA313	22		XA314	23			168	9		TDBB00	04	TDBB00	00	1	TQ2	B1		12A	LWR BUS DATA TO I
17755		XA313	23						168	9		TPWF20	03	TPWF2A	01	1	TQ2	B4		11B	
21010		XA313	24		XA313	20			168	9		TDBB1A	01	TDBB00	01	2	TQ2	B1		13A	
17764		XA313	25		XA315	34			168	9		SPI021	03	TPWF2A	01	2	TQ2	B4		12B	
CONNECTOR (XA313) CONTINUED ON THE NEXT PAGE ****																					

DRAWING NUMBER 149012-880 CONNECTOR UNIT ASSEMBLY NO. 149012 REV E INDEX XA313
 UNIT ASSEMBLY NAME CARD CAGE ASSY, CPU L.H. FILE IDENT T39B2CP1 DATE 09-03-82 PAGE 194

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											
21017		XA313	26			XA313	18			16B	9		TDD82A	01	TDD8GO	01	1	TQ2	B1		14A		
20687		XA313	27			XA315	29			16B	9		TPWF2A	01	TPWF2A	00	1	TQ2	B4		13B	CPU RH BAY POWER	
00464		XA313	28										+5V	01				TQ2					
20952		XA313	29			XA314	09			16B	9		JDB29B4	03	TB29C0	01	1	TQ2	C3		14B		
20957		XA313	30							16B	9		TB30C0	02	TB30C0	00	1	TQ2	C2		15A	IOU DATA IN - 30	
10385		XA313	31			XA313	36			16B	9		E0DB0B	02	TB29C0	01	2	TQ2	C3		15B		
11322		XA313	32										GND	01	GR0UND	01	1	TQ2			20B		
20949		XA313	33							16B	9		TB29C0	02	TB29C0	00	1	TQ2	C3		16B	IOU DATA IN - 29	
20960		XA313	34			XA314	01			16B	9		JDB30B4	03	TB30C0	01	2	TQ2	C2		16A		
20944		XA313	35			XA314	15			16B	9		JDB28B4	03	TB28C0	01	1	TQ2	C4		17B		
10386		XA313	36			XA313	37			16B	9		E0DB0B	03	TB30C0	01	1	TQ2	C2		17A		
10387		XA313	37			XA313	42			16B	9		E0DB0B	04	TB28C0	01	2	TQ2	C4		18B		
20965		XA313	38							16B	9		TB31C0	02	TB31C0	00	1	TQ2	C1		18A	IOU DATA IN - 31	
20941		XA313	39							16B	9		TB28C0	02	TB28C0	00	1	TQ2	C4		19B	IOU DATA IN - 28	
20968		XA313	40			XA314	06			16B	9		JDB31B4	03	TB31C0	01	2	TQ2	C1		19A		
20920		XA313	41			XA314	21			16B	9		JDB25B4	03	TB25C0	01	1	TQ2	D3		22B		
10388		XA313	42			XA313	43			16B	9		E0DB0B	05	TB31C0	01	1	TQ2	C1		20A		
10389		XA313	43			XA313	49			16B	9		E0DB0B	06	TB25C0	01	2	TQ2	D3		23B		
22653		XA313	44										GND		GR0UND			TQ2			21B		
20917		XA313	45							16B	9		TB25C0	02	TB25C0	00	1	TQ2	D3		24B	IOU DATA IN - 25	
20925		XA313	46							16B	9		TB26C0	02	TB26C0	00	1	TQ2	D2		21A	IOU DATA IN - 26	
20912		XA313	47			XA314	27			16B	9		JDB24B4	03	TB24C0	01	1	TQ2	D4		25B		
20928		XA313	48			XA314	14			16B	9		JDB26B4	03	TB26C0	01	2	TQ2	D2		22A		
10390		XA313	49			XA313	50			16B	9		E0DB0B	07	TB24C0	01	2	TQ2	D4		26B		
10391		XA313	50			XA313	55			16B	9		E0DB0B	08	TB26C0	01	1	TQ2	D2		23A		
20909		XA313	51							16B	9		TB24C0	02	TB24C0	00	1	TQ2	D4		27B	IOU DATA IN - 24	
20933		XA313	52							16B	9		TB27C0	02	TB27C0	00	1	TQ2	D1		24A	IOU DATA IN - 27	
20888		XA313	53			XA314	33			16B	9		JDB21B4	03	TB21C0	01	1	TQ2	E3		28B		
20936		XA313	54			XA314	22			16B	9		JDB27B4	03	TB27C0	01	2	TQ2	D1		25A		
10392		XA313	55			XA313	56			16B	9		E0DB0B	09	TB21C0	01	2	TQ2	E3		29B		
10393		XA313	56			XA313	61			16B	9		E0DB0B	10	TB27C0	01	1	TQ2	D1		26A		
20885		XA313	57							16B	9		TB21C0	02	TB21C0	00	1	TQ2	E3		30B	IOU DATA IN - 21	
22654		XA313	58										GND		GR0UND			TQ2			27A		
20880		XA313	59			XA314	39			16B	9		JDB20B4	03	TB20C0	01	1	TQ2	E4		31B		
20893		XA313	60							16B	9		TB22C0	02	TB22C0	00	1	TQ2	E2		28A	IOU DATA IN - 22	
10394		XA313	61			XA313	64			16B	9		E0DB0B	11	TB20C0	01	2	TQ2	E4		32B		
20896		XA313	62			XA314	30			16B	9		JDB22B4	03	TB22C0	01	2	TQ2	E2		29A		
20877		XA313	63							16B	9		TB20C0	02	TB20C0	00	1	TQ2	E4		33B	IOU DATA IN - 20	
10395		XA313	64			XA313	65			16B	9		E0DB0B	12	TB22C0	01	1	TQ2	E2		30A		
10396		XA313	65			XA313	68			16B	9		E0DB0B	13	TB17C0	01	1	TQ2	F3		34B		
20901		XA313	66							16B	9		TB23C0	02	TB23C0	00	1	TQ2	E1		31A	IOU DATA IN - 23	
22655		XA313	67										GND		GR0UND			TQ2			40A		
10397		XA313	68			XA313	73			16B	9		E0DB0B	14	TB23C0	01	2	TQ2	E1		32A		
20853		XA313	69							16B	9		TB17C0	02	TB17C0	00	1	TQ2	F3		35A	IOU DATA IN - 17	
20904		XA313	70			XA314	38			16B	9		JDB23B4	03	TB23C0	01	1	TQ2	E1		33A		
20864		XA313	71			XA314	46			16B	9		JDB18B4	03	TB18C0	01	2	TQ2	F2		36A		
20861		XA313	72							16B	9		TB18C0	02	TB18C0	00	1	TQ2	F2		34A	IOU DATA IN - 18	
10398		XA313	73			XA313	78			16B	9		E0DB0B	15	TB18C0	01	1	TQ2	F2		36B		
20856		XA313	74			XA314	45			16B	9		JDB17B4	03	TB17C0	01	2	TQ2	F3		35B		
20869		XA313	75							16B	9		TB19C0	02	TB19C0	00	1	TQ2	F1		37B	IOU DATA IN - 19	
CONNECTOR		XA313	CONTINUED ON THE NEXT PAGE ****																				

DRAWING NUMBER 149012-880 CONNECTOR UNIT ASSEMBLY NO. 149012 REV E INDEX XA313
 UNIT ASSEMBLY NAME CARD CAGE ASSY, CPU L.H. FILE IDENT T39B2CP1 DATE 09-03-82 PAGE 195

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 LAND OR	SIGNAL DESCRIPTION	ECO NO
	PREFIX	CONNECTOR	PIN	PREFIX	CONNECTOR	PIN	MULTI GROUP	CODE	COLOR												
20848		XA313	76		XA314	51		168	9		JDB16B4	03	TB16C0	01	1	TQ2	F4		37A		
20872		XA313	77		XA314	52		168	9		JDB19B4	03	TB19C0	01	2	TQ2	F1		38B		
10399		XA313	78		XA313	79		168	9		E0DB0B	16	TB16C0	01	2	TQ2	F4		38A		
10400		XA313	79					168	9		E0DB0B	17	TB19C0	01	1	TQ2	F1		39B		
20845		XA313	80					168	9		TB16C0	02	TB16C0	00	1	TQ2	F4		39A	TOU DATA IN - 16	
20961		XA314	01							J	TB30TD	04	TB30TD	00	1	TLD	A2		02B	JDB30B4 BUSS	
22443		XA314	01					168	9	P	TB30TD	04	JDB30B4	01	1	TLD	A2		02B		
11326		XA314	02								GND	01	GRCUND			TLD			01A		
08506		XA314	03					168	9		DB29MO	07	TB29TD	01	1	TLD	A3		02A		
21008		XA314	04		XA314	07		168	9		T0DBHO	05	TB30TD	01	1	TLD	A2		04A		
08566		XA314	05					168	9		DB30MO	07	TB30TD	01	2	TLD	A2		03B		
20969		XA314	06							J	TB31TD	04	TB31TD	00	1	TLD	A1		05A	JOB31B4 BUSS	
22444		XA314	06					168	9	P	TB31TD	04	JDB31B4	01	1	TLD	A1		05A		
21009		XA314	07					168	9		T0DBHO	06	TB29TD	01	2	TLD	A3		03A		
08626		XA314	08					168	9		DB31MO	07	TB31TD	01	2	TLD	A1		06A		
20953		XA314	09							J	TB29TD	04	TB29TD	00	1	TLD	A3		04B	JDB29B4 BUSS	
22442		XA314	09					168	9	P	TB29TD	04	JDB29B4	01	1	TLD	A3		04B		
21006		XA314	10		XA314	13		168	9		T0DBHO	03	TB31TD	01	1	TLD	A1		07A		
08446		XA314	11					168	9		DB28MO	07	TB28TD	01	1	TLD	A4		05B		
00465		XA314	12								+5V	01				TLD					
21007		XA314	13		XA314	04		168	9		T0DBHO	04	TB28TD	01	2	TLD	A4		06B		
20929		XA314	14							J	TB26TD	04	TB26TD	00	1	TLD	B2		09A	JDB26B4 BUSS	
22439		XA314	14					168	9	P	TB26TD	04	JDB26B4	01	1	TLD	B2		09A		
20945		XA314	15							J	TB28TD	04	TB28TD	00	1	TLD	A4		07B	JDB28B4 BUSS	
22441		XA314	15					168	9	P	TB28TD	04	JDB28B4	01	1	TLD	A4		07B		
22656		XA314	16								GND		GROUND			TLD			01B		
21003		XA314	17					168	9		T0DBGO	07	TB25TD	01	1	TLD	B3		08B		
21002		XA314	18		XA314	17		168	9		T0DBGO	06	TB26TD	01	2	TLD	B2		10A		
08275		XA314	19					168	9		DB25MO	07	TB25TD	01	2	TLD	B3		09B		
08329		XA314	20					168	9		DB26MO	07	TB26TD	01	1	TLD	B2		11A		
20921		XA314	21					168	9	J	TB25TD	04	TB25TD	00	1	TLD	B3		10B	JDB25B4 BUSS	
22438		XA314	21							P	TB25TD	04	JDB25B4	01	1	TLD	B3		10B		
20937		XA314	22							J	TB27TD	04	TB27TD	00	1	TLD	B1		12A	JDB27B4 BUSS	
22440		XA314	22					168	9	P	TB27TD	04	JDB27B4	01	1	TLD	B1		12A		
21001		XA314	23		XA314	18		168	9		T0DBGO	05	TB24TD	01	1	TLD	B4		11B		
21004		XA314	24		XA313	14		168	9		F0DBHO	01	TB27TD	01	2	TLD	B1		13A		
08219		XA314	25					168	9		DB24MO	07	TB24TD	01	2	TLD	B4		12B		
08383		XA314	26					168	9		DB27MO	07	TB27TD	01	1	TLD	B1		14A		
20913		XA314	27							J	TB24TD	04	TB24TD	00	1	TLD	B4		13B	JDB24B4 BUSS	
22437		XA314	27					168	9	P	TB24TD	04	JDB24B4	01	1	TLD	B4		13B		
00466		XA314	28								+5V	01				TLD					
20999		XA314	29		XA313	22		168	9		T0DBGO	03	TB21TD	01	1	TLD	C3		14B		
20897		XA314	30							J	TB22TD	04	TB22TD	00	1	TLD	C2		15A	JDB22B4 BUSS	
22435		XA314	30					168	9	P	TB22TD	04	JDB22B4	01	1	TLD	C2		15A		
08065		XA314	31					168	9		DB21MO	05	TB21TD	01	2	TLD	C3		15B		
22657		XA314	32								GND		GROUND			TLD			21B		
20889		XA314	33							J	TB21TD	04	TB21TD	00	1	TLD	C3		16B	JDB21B4 BUSS	
22434		XA314	33					168	9	P	TB21TD	04	JDB21B4	01	1	TLD	C3		16B		
CONNECTOR (XA314) CONTINUED ON THE NEXT PAGE ****																					

DRAWING NUMBER 149012-880 CONNECTOR UNIT ASSEMBLY NAME CARD CAGE ASSY, CPU L.H. UNIT ASSEMBLY NO. 149012 REV E INDEX XA314 FILE IDENT T39B2CP1 DATE 09-03-82 PAGE 196

RECORD NUMBER	FROM				TO				WIRE				SIGNAL	SEQ NO	EQUATION	TERM	FACTOR	CKT OF CHIP TYPE	GROUP	LOAD CP POWER PLANE	TEST POINTS ANCHOR	SIGNAL DESCRIPTION	ECO NO
	PREFIX	CONNECTOR	PIN	REL	PREFIX	CONNECTOR	PIN	REL	MULTI GROUP	CODE	COLOR	IDENT											
08115		XA314	34							168	9			DB22M0	05	TB22TD	01	2	TLD	C2		16A	
20995		XA314	35		XA313	15				168	9			T00BF0	05	TB20TD	01	1	TLD	C4		17B	
20998		XA314	36		XA314	29				168	9			T00BG0	02	TB22TD	01	1	TLD	C2		17A	
08013		XA314	37							168	9			DB22M0	05	TB20TD	01	2	TLD	C4		18B	
20905		XA314	38							168	9		J	TB23TD	04	TB23TD	00	1	TLD	C1		18A	JDB23B4 BUSS
22436		XA314	38							168	9		P	TB23TD	04	JDB23B4	01	1	TLD	C1		18A	
20881		XA314	39							168	9		J	TB23TD	04	TB23TD	00	1	TLD	C4		19B	JDB20B4 BUSS
22433		XA314	39							168	9		P	TB23TD	04	JDB20B4	01	1	TLD	C4		19B	
20997		XA314	40		XA314	36				168	9			T00GG0	01	TB23TD	01	2	TLD	C1		19A	
20994		XA314	41		XA314	35				168	9			T00BF0	04	TB17TD	01	1	TLD	D3		22B	
08165		XA314	42							168	9			DB23M0	05	TB23TD	01	1	TLD	C1		20A	
07867		XA314	43							168	9			DB17M0	05	TB17TD	01	2	TLD	D3		23B	
22339		XA314	44											GND		GROUND			TLD			27A	
20857		XA314	45										J	TB17TD	04	TB17TD	00	1	TLD	D3		24B	JDB17B4 BUSS
22430		XA314	45							168	9			TB17TD	04	JDB17B4	01	1	TLD	D3		24B	
20865		XA314	46							168	9		J	TB18TD	04	TB18TD	00	1	TLD	D2		21A	JDB18B4 BUSS
22431		XA314	46							168	9		P	TB18TD	04	JDB18B4	01	1	TLD	D2		21A	
07819		XA314	47							168	9			DB16M0	05	TB16TD	01	1	TLD	O4		25B	
07915		XA314	48							168	9			DB18M0	05	TB18TD	01	2	TLD	D2		22A	
20992		XA314	49		XA314	50				168	9			T00BF0	02	TB16TD	01	2	TLD	D4		26B	
20993		XA314	50		XA314	41				168	9			T00BF0	03	TB18TD	01	1	TLD	D2		23A	
20849		XA314	51							168	9		J	TB16TD	04	TB16TD	00	1	TLD	D4		27B	JDB16B4 BUSS
22429		XA314	51							168	9		P	TB16TD	04	JDB16B4	01	1	TLD	O4		27B	
20873		XA314	52							168	9		J	TB19TD	04	TB19TD	00	1	TLD	D1		24A	JDB19B4 BUSS
22432		XA314	52							168	9		P	TB19TD	04	JDB19B4	01	1	TLD	D1		24A	
20989		XA314	53		XA313	09				168	9			T00BE0	05	TB13TD	01	1	TLD	E3		28B	
20991		XA314	54		XA314	49				168	9			T00BF0	01	TB19TD	01	2	TLD	D1		25A	
07704		XA314	55							168	9			DB13M0	04	TB13TD	01	2	TLD	E3		29B	
07963		XA314	56							168	9			DB19M0	05	TB19TD	01	1	TLD	D1		26A	
20825		XA314	57							168	9		J	TB13TD	04	TB13TD	00	1	TLD	E3		30B	JDB13B4 BUSS
22426		XA314	57							168	9		P	TB13TD	04	JDB13B4	01	1	TLD	E3		30B	
22658		XA314	58											GND		GROUND			TLD			40A	
20987		XA314	59		XA314	62				168	9			T00BE0	03	TB12TD	01	1	TLD	E4		31B	
20833		XA314	60							168	9		J	TB14TD	04	TB14TD	00	1	TLD	E2		28A	JDB14B4 BUSS
22427		XA314	60							168	9		P	TB14TD	04	JDB14B4	01	1	TLD	E2		28A	
07672		XA314	61							168	9			DB12M0	04	TB12TD	01	2	TLD	E4		32B	
20988		XA314	62		XA314	53				168	9			T00BE0	04	TB14TD	01	2	TLD	E2		29A	
20817		XA314	63							168	9		J	TB12TD	04	TB12TD	00	1	TLD	E4		33B	JDB12B4 BUSS
22425		XA314	63							168	9		P	TB12TD	04	JDB12B4	01	1	TLD	E4		33B	
07738		XA314	64							168	9			DB14M0	04	TB14TD	01	1	TLD	E2		30A	
20980		XA314	65		XA315	54				168	9			T00BD0	03	TB09TD	01	1	TLD	F3		34B	
20841		XA314	66							168	9		J	TB15TD	04	TB15TD	00	1	TLD	E1		31A	JDB15B4 BUSS
22428		XA314	66							168	9		P	TB15TD	04	JDB15B4	01	1	TLD	E1		31A	
22659		XA314	67											GND		GROUND			TLD				
07772		XA314	68							168	9			DB15M0	04	TB15TD	01	2	TLD	E1		32A	
20793		XA314	69							168	9		J	TB09TD	04	TB09TD	00	1	TLD	F3		35A	JDB09B4 BUSS
22422		XA314	69							168	9		P	TB09TD	04	JDB09B4	01	1	TLD	F3		35A	
20986		XA314	70		XA314	59				168	9			T00BE0	02	TB15TD	01	1	TLD	E1		33A	
20979		XA314	71		XA314	65				168	9			T00BD0	02	TB10TD	01	2	TLD	F2		36A	
20801		XA314	72							168	9		J	TB10TD	04	TB10TD	00	1	TLD	F2		34A	JDB10B4 BUSS
CONNECTOR		XA314	CONTINUED ON THE NEXT PAGE *****																				

DRAWING NUMBER 149012-880 CONNECTOR UNIT ASSEMBLY NAME CARD CAGE ASSY, CPU L.H. UNIT ASSEMBLY NO. 149012 REV E INDEX XA314 FILE IDENT T39B2CP1 DATE 09-03-82 PAGE197

RECORD NUMBER	FROM				TO				WIRE				SIGNAL	SFG NO	EQUATION	TERM	FACTOR	CKT OR CHIP TYPE	GROUP	LOAD OR POWER PLANE	TEST POINTS AND/OR	SIGNAL DESCRIPTION	ECO NO
	PREFIX	CONNECTOR	PIN	SIFG	PREFIX	CONNECTOR	PIN	INFO	MULTI GROUP	CODE	COLOR	IDENT											
22423		XA314	72						168	9		P	TB10TD	04	JDB11B4	01	1	TLD	F2		34A		
07604		XA314	73						168	9			DB10M0	04	TB10TD	01	1	TLD	F2		36B		
07570		XA314	74						168	9			DB09M0	04	TB09TD	01	2	TLD	F3		35B		
20809		XA314	75								J	TB11TD	04	TB11TD	00	1	TLD	F1			37B	JDB11B4 BUSS	
22424		XA314	75						168	9		P	TB11TD	04	JDB11B4	01	1	TLD	F1		37B		
20978		XA314	76		XA314	71			168	9			TDB8D0	01	TB08TD	01	1	TLD	F4		37A		
20985		XA314	77		XA314	70			168	9			TDB8E0	01	TB11TD	01	2	TLD	F1		38B		
07538		XA314	78						168	9			DB08M0	04	TB08TD	01	2	TLD	F4		38A		
07638		XA314	79						168	9			DB11M0	04	TB11TD	01	1	TLD	F1		39B		
20785		XA314	80								J	TB08TD	04	TB08TD	00	1	TLD	F4			39A	JDB08B4 BUSS	
22421		XA314	80						168	9		P	TB08TD	04	JDB08B4	01	1	TLD	F4		39A		
00800		XA315	01		XA316	01			168	9		P	AB062D	03	AB06DR	02	1	TLD	A2		02B	AY 06* TO ADDER A	
00803		XA315	01								J	AB062D	01	AB062D	00	1	TLD	A2			02B	AB06DB BUSS	
05051		XA315	02										GND	GROUND							01A		
03099		XA315	03		XA112	23			168	9			AKYNCP	04	AB052D	01	1	TLD	A3		02A		
05046		XA315	04		XA139	43			168	9			AY06BQ	02	AB062D	01	1	TLD	A2		04A		
03098		XA315	05		XA315	03			168	9			AKYNCP	03	AB062D	01	2	TLD	A2		03B		
00807		XA315	06		XA316	06			168	9		P	AB072D	04	AB07DB	02	1	TLD	A1		05A	AY 07* TO ADDER A	
00810		XA315	06								J	AB072D	01	AB072D	00	1	TLD	A1			05A	AB07DB BUSS	
05026		XA315	07		XA139	49			168	9			AY05BQ	02	AB052D	01	2	TLD	A3		03A		
03096		XA315	08		XA315	11			168	9			AKYNCP	01	AB072D	01	2	TLD	A1		06A		
00794		XA315	09		XA316	09			168	9		P	AB052D	03	AB05DB	02	1	TLD	A3		04B	AY 05* TO ADDER A	
00797		XA315	09								J	AB052D	01	AB052D	00	1	TLD	A3			04B	AB05DB BUSS	
05066		XA315	10		XA139	61			168	9			AY07BQ	02	AB072D	01	1	TLD	A1		07A		
03097		XA315	11		XA315	05			168	9			AKYNCP	02	AB042D	01	1	TLD	A4		05B		
00467		XA315	12										+5V	01									
05006		XA315	13		XA139	31			168	9			AY04BQ	02	AB042D	01	2	TLD	A4		06B		
00774		XA315	14		XA316	14			168	9		P	AB022D	05	AB02DB	02	1	TLD	B2		09A	AY 02* TO ADDER A	
00777		XA315	14								J	AB022D	01	AB022D	00	1	TLD	B2			09A	AB02DB BUSS	
00788		XA315	15		XA316	15			168	9		P	AB042D	04	AB04DB	02	1	TLD	A4		07B	AY 04* TO ADDER A	
00791		XA315	15								J	AB042D	01	AB042D	00	1	TLD	A4			07B	AB04DB BUSS	
05010		XA315	16										GND	GROUND							01B		
03088		XA315	17		XA112	11			168	9			AKYNBP	05	AB012D	01	1	TLD	B3		08B		
03087		XA315	18		XA315	17			168	9			AKYNBP	04	AB022D	01	2	TLD	B2		10A		
04943		XA315	19		XA139	25			168	9			AY01BQ	02	AB012D	01	2	TLD	B3		09B		
04966		XA315	20		XA139	19			168	9			AY02BQ	02	AB022D	01	1	TLD	B2		11A		
00766		XA315	21		XA316	21			168	9		P	AB012D	04	AB01DB	02	1	TLD	B3		10B	AY 01* TO ADDER A	
00769		XA315	21								J	AB012D	01	AB012D	00	1	TLD	B3			10B	AB01DB BUSS	
00781		XA315	22		XA316	22			168	9		P	AB032D	04	AB03DB	02	1	TLD	B1		12A	AY 03* TO ADDER A	
00784		XA315	22								J	AB032D	01	AB032D	00	1	TLD	B1			12A	AB03DB BUSS	
03086		XA315	23		XA315	18			168	9			AKYNBP	03	AB002D	01	1	TLD	B4		11B		
04986		XA315	24		XA139	37			168	9			AY03BQ	02	AB032D	01	2	TLD	B1		13A		
04916		XA315	25		XA319	76			168	9			AY00BQ	02	AB002D	01	2	TLD	B4		12B		
03085		XA315	26		XA315	23			168	9			AKYNBP	02	AB032D	01	1	TLD	B1		14A		
00758		XA315	27		XA222	07			168	9		P	AB002D	03	AB00DB	02	1	TLD	B4		13B	AY 00* TO ADDER A	
00762		XA315	27								J	AB002D	01	AB002D	00	1	TLD	B4			13B	AB00DB BUSS	
00468		XA315	28										+5V	01									
17756		XA315	29						168	9			TPWF2A	04	TPWF1D	01	1	TLD	C3		14B		
CONNECTOR (XA315) CONTINUED ON THE NEXT PAGE ****																							

DRAWING NUMBER 149012-880 CONNECTOR UNIT ASSEMBLY NO. 149012 REV E INDEX XA315
 UNIT ASSEMBLY NAME CARD CAGE ASSY, CPU L.H. FILE IDENT T39B2CP1 DATE 09-03-82 PAGE 198

RECORD NUMBER	FROM				TO				WIRE			SPEC INST MISC	SIGNAL	SEQ NO	EQUATION	TERM	FACTOR	CKT OR CHIP TYPE	CIRCUIT	LOAD OR POWER PLANE	TEST POINTS AND/OR	SIGNAL DESCRIPTION	ECO NO
	PREFIX	CONNECTOR	PIN	SHFT	PREFIX	CONNECTOR	PIN	SHFT	MULTI GROUP	CODE	COLOR												
20689		XA315	30							168	9		KBAY1D	02	KBAY1D	03	1	TLD	C2		15A	GND TO PWR ON F/P	
17765		XA315	31		XA310	29				168	9		WDDDIB	02	TPWF1D	01	2	TLD	C3		15B		B03
22840		XA315	32										GND		GROUND			TLD			21B		
23447		XA315	32					ZH	1EB	0			WDDDIZ	02				TLD			21B		B03
20691		XA315	33									J	TPWF1D	01	TPWF1D	00	1	TLD	C3		16B	TPWFSB4 BUSS	
23343		XA315	33		XA311	76				168	9	P	TPWF1D	01	TPWFSB4	01	1	TLD	C3		16B	CPU POWER DOWN-0	
17766		XA315	34		XA315	37				168	9		SPI021	05	KBAY1D	01	2	TLD	C2		16A		
17757		XA315	35		XA315	36				168	9		SPI020	05		01	1	TLD	C4		17B		
17758		XA315	36		XA316	29				168	9		SPI020	06	KBAY1D	01	1	TLD	C2		17A		
17767		XA315	37		XA316	31				168	9		SPI021	06		01	2	TLD	C4		18B		
00750		XA315	38		XA316	38				168	9		ABSE2D	07	ABSEDB	02	1	TLD	C1		18A	AY SE* TO ADDER A	
00755		XA315	38									J	ABSE2D	01	ABSE2D	00	1	TLD	C1		18A	ABSEDB BUSS	
20693		XA315	39							168	9		SPO002	02		03	1	TLD	C4		19B		
03084		XA315	40		XA315	26				168	9		AKYNBP	01	ABSE2D	01	2	TLD	C1		19A		
07439		XA315	41		XA337	57				168	9		DB05M0	03	TB05TD	01	1	TLD	D3		22B		
04882		XA315	42		XA212	77				168	9		AYSEBQ	03	ABSE2D	01	1	TLD	C1		20A		
20983		XA315	43		XA313	01				168	9		TDBB00	06	TB05TD	01	2	TLD	C3		23B		
22660		XA315	44										GND		GROUND			TLD			27A		
20761		XA315	45									J	TB05TD	04	TB05TD	00	1	TLD	D3		24B	JDB05B4 BUSS	
22418		XA315	45							168	9	P	TB05TD	04	JDB05B4	01	1	TLD	D3		24B		
20765		XA315	46									J	TB06TD	04	TB06TD	00	1	TLD	D2		21A	JDB06B4 BUSS	
22419		XA315	46							168	9	P	TB06TD	04	JDB06B4	01	1	TLD	D2		21A		
07409		XA315	47		XA337	63				168	9		DB04M0	03	TB04TD	01	1	TLD	D4		25B		
07471		XA315	48		XA337	60				168	9		DB06M0	03	TB06TD	01	2	TLD	D2		22A		
20976		XA315	49		XA313	06				168	9		TDBB00	05	TB04TD	01	2	TLD	D4		26B		
20982		XA315	50		XA315	43				168	9		TDBB00	05	TB06TD	01	1	TLD	D2		23A		
20753		XA315	51									J	TB04TD	04	TB04TD	00	1	TLD	D4		27B	JDB04B4 BUSS	
22417		XA315	51							168	9	P	TB04TD	04	JDB04B4	01	1	TLD	D4		27B		
20777		XA315	52									J	TB07TD	04	TB07TD	00	1	TLD	D1		24A	JDB07B4 BUSS	
22420		XA315	52							168	9	P	TB07TD	04	JDB07B4	01	1	TLD	D1		24A		
10307		XA315	53		XA312	15				168	9		DTTDD0	06	DT05AD	01	1	TLD	E3		28B		
20981		XA315	54		XA315	50				168	9		TDBB00	04	TB07TD	01	2	TLD	D1		25A		
20756		XA315	55		XA312	57				168	9		TB05C0	01	DT05AD	01	2	TLD	E3		29B		
07505		XA315	56		XA337	66				168	9		DB07M0	03	TB07TD	01	1	TLD	D1		26A		
07416		XA315	57		XA316	57				168	9	P	DT05AD	02	DB05DB	06	1	TLD	E3		30B		
10335		XA315	57									J	DT05AD	01	DT05AD	00	1	TLD	E3		30B	DB05DB BUSS	
11329		XA315	58										GND	01	GROUND			TLD			40A		
20748		XA315	59		XA312	63				168	9		TB04C0	01	DT04AD	01	1	TLD	E4		31B		
07448		XA315	60		XA316	60				168	9		DT06AD	02	DB06DB	06	1	TLD	E2		28A		
10340		XA315	60									J	DT06AD	01	DT06AD	00	1	TLD	E2		28A	DB06DB BUSS	
10300		XA315	61		XA312	09				168	9		DTTDC0	05	DT04AD	01	2	TLD	E4		32B		
20764		XA315	62		XA312	60				168	9		TB06C0	01	DT06AD	01	2	TLD	E2		29A		
07386		XA315	63		XA316	63				168	9	P	DT04AD	02	DB04DB	06	1	TLD	E4		33B		
10338		XA315	63									J	DT04AD	01	DT04AD	00	1	TLD	E4		33B	DR04DB BUSS	
10306		XA315	64		XA315	53				168	9		DTTDD0	05	DT06AD	01	1	TLD	E2		30A		
10299		XA315	65		XA315	61				168	9		DTTDC0	04	DT01AD	01	1	TLD	F3		34B		
07482		XA315	66		XA316	66				168	9	P	DT07AD	02	DB07DB	06	1	TLD	E1		31A		
10341		XA315	66									J	DT07AD	01	DT07AD	00	1	TLD	E1		31A	DB07DB BUSS	
11330		XA315	67										GND	01	GROUND			TLD					
10305		XA315	68		XA315	64				168	9		DTTDD0	04	DT07AD	01	2	TLD	E1		32A		
CONNECTOR		XA315	CONTINUED ON THE NEXT PAGE ****																				

DRAWING NUMBER 149012-880 CONNECTOR UNIT ASSEMBLY NO. 149012 REV E INDEX XA315
 UNIT ASSEMBLY NAME CARD CAGE ASSY, CPU L.H. FILE IDENT T39B2CP1 DATE 09-03-82 PAGE 199

RECORD NUMBER	FROM				TO				WIRE				SIGNAL	SERIAL NO	EQUATION	TERM	FACTOR	CKT OR CHIP TYPE	GROUP	LOAD POWER PLANE	TEST POINTS AND/OR	SIGNAL DESCRIPTION	ECO NO
	PREFIX	CONNECTOR	PIN	PLT	PREFIX	CONNECTOR	PIN	OR TO	MULTI GROUP	CODE	COLOR	IDEN											
22651		XA312	58										GND		GROUND							27A	
20752		XA312	59		XA315	51			16B	9			JDB04B4	03	TB04C0	01	1	TQ2	E4			31B	
20765		XA312	60						16B	9			TB06C0	02	TB06C0	00	1	TQ2	E2			28A	IOU DATA IN - 06
10378		XA312	61		XA312	64			16B	9			ECDBDB	13	TB04C0	01	2	TQ2	E4			32B	
20768		XA312	62		XA315	46			16B	9			JDB06B4	03	TB06C0	01	2	TQ2	E2			29A	
20749		XA312	63						16B	9			TB04C0	02	TB04C0	00	1	TQ2	E4			33B	IOU DATA IN - 04
10379		XA312	64		XA312	65			16B	9			ECDBDB	14	TB06C0	01	1	TQ2	E2			30A	
10380		XA312	65		XA312	68			16B	9			ECDBDB	15	TB01C0	01	1	TQ2	F3			34B	
20773		XA312	66						16B	9			TB07C0	02	TB07C0	00	1	TQ2	E1			31A	IOU DATA IN - 07
22652		XA312	67										GND		GROUND							40A	
10381		XA312	68		XA312	73			16B	9			ECDBDB	16	TB07C0	01	2	TQ2	E1			32A	
20725		XA312	69						16B	9			TB01C0	02	TB01C0	00	1	TQ2	F3			35A	IOU DATA IN - 01
20776		XA312	70		XA315	52			16B	9			JDB07B4	03	TB07C0	01	1	TQ2	E1			33A	
20736		XA312	71		XA316	46			16B	9			JDB02B4	03	TB02C0	01	2	TQ2	F2			36A	
20733		XA312	72						16B	9			TB02C0	02	TB02C0	00	1	TQ2	F2			34A	IOU DATA IN - 02
10382		XA312	73		XA312	78			16B	9			ECDBDB	17	TB02C0	01	1	TQ2	F2			36B	
20728		XA312	74		XA316	45			16B	9			JDB01B4	03	TB01C0	01	2	TQ2	F3			35B	
20741		XA312	75						16B	9			TB03C0	02	TB03C0	00	1	TQ2	F1			37B	IOU DATA IN - 03
20720		XA312	76		XA316	51			16B	9			JDB00B4	03	TB00C0	01	1	TQ2	F4			37A	
20744		XA312	77		XA316	52			16B	9			JDB03B4	03	TB03C0	01	2	TQ2	F1			38B	
10383		XA312	78		XA312	79			16B	9			ECDBDB	18	TB00C0	01	2	TQ2	F4			38A	
10384		XA312	79						16B	9		K	ECDBDB	19	TB03C0	01	1	TQ2	F1			39B	
20717		XA312	80						16B	9			TB00C0	02	TB00C0	00	1	TQ2	F4			39A	IOU DATA IN - 00
20984		XA313	01						16B	9			TDDBD0	07	TDDBD0	00	1	TQ2	A2			02B	UPPR BUS DATA TO
11320		XA313	02										GND	01	GROUND							01A	
16812		XA313	03		XA313	04			16B	9			SPA066	08	TDDBE0	01	1	TQ2	A3			02A	
16813		XA313	04		XA313	08			16B	9			SPA066	09	TDDBD0	01	1	TQ2	A2			04A	
21015		XA313	05		XA313	07			16B	9			TDDB1A	06	TDDBD0	01	2	TQ2	A2			03B	
20977		XA313	06						16B	9			TDDBC0	06	TDDBC0	00	1	TQ2	A1			05A	UPPR BUS DATA TO
21016		XA313	07						16B	9			TDDB1A	07	TDDBE0	01	2	TQ2	A3			03A	
16814		XA313	08		XA335	05			16B	9			SPA066	10	TDDBC0	01	2	TQ2	A1			06A	
20990		XA313	09						16B	9			TDDBE0	06	TDDBE0	00	1	TQ2	A3			04B	UPPR BUS DATA TO
21012		XA313	10		XA312	06			16B	9			TDDB1A	03	TDDBC0	01	1	TQ2	A1			07A	
21014		XA313	11		XA313	05			16B	9			TDDB1A	05	TDDBF0	01	1	TQ2	A4			05B	
00463		XA313	12										+5V	01									
21019		XA313	13		XA312	01			16B	9			TDDB2A	03	TDDBF0	01	2	TQ2	A4			06B	
21005		XA313	14		XA314	10			16B	9			TDDBH0	02	TDDBH0	00	1	TQ2	B2			09A	LWR BUS DATA TO I
20996		XA313	15						16B	9			TDDBF0	06	TDDBF0	00	1	TQ2	A4			07B	LWR BUS DATA TO I
11321		XA313	16										GND	01	GROUND							01B	
17754		XA313	17		XA315	35			16B	9			SPI020	02		01	1	TQ2	B3			08B	
21018		XA313	18		XA313	13			16B	9			TDDB2A	02	TDDBH0	01	2	TQ2	B2			10A	
17763		XA313	19		XA313	25			16B	9			SPI021	02		01	2	TQ2	B3			09B	
21011		XA313	20		XA313	10			16B	9			TDDB1A	02	TDDBH0	01	1	TQ2	B2			11A	
20685		XA313	21										SPO	02		00	1	TQ2	B3			10B	
21000		XA313	22		XA314	23			16B	9			TDDBG0	04	TDDBG0	00	1	TQ2	B1			12A	LWR BUS DATA TO I
17755		XA313	23						16B	9			TPWF20	03	TPWF2A	01	1	TQ2	B4			11B	
21010		XA313	24		XA313	20			16B	9			TDDB1A	01	TDDBG0	01	2	TQ2	B1			13A	
17764		XA313	25		XA315	34			16B	9			SPI021	03	TPWF2A	01	2	TQ2	B4			12B	
CONNECTOR		XA313	CONTINUED ON THE NEXT PAGE ****																				

DRAWING NUMBER 149012-880 CONNECTOR UNIT ASSEMBLY NO. 149012 REV E INDEX XA316
 UNIT ASSEMBLY NAME CARD CAGE ASSY, CPU L.H. FILE IDENT T39B2CP1 DATE 09-03-82 PAGE 200

RECORD NUMBER	FROM				TO				WIRE				SFC INST WIRE	SIGNAL	SEQ NO	EQUATION	TERM	FACTOR	CKT OR CHIP TYPE	GROUP	LOAD CP POWER PLANE	TEST POINTS AND/OR	SIGNAL DESCRIPTION	ECO NO
	PREFIX	CONNECTOR	PIN	SH FCG	PREFIX	CONNECTOR	PIN	SH FCG	MULTI GROUP	CODE	COLOR	IDENT												
02998		XA316	26							16B	9			AKYCBP	02	AB031D	01	1	TLD	B1		14A		
00760		XA316	27		XA316	25				16B	9		P	AB001D	05	AB03DB	01	1	TLD	B4		13B	AY 00 TO ADDER A	
00761		XA316	27										J	AB001D	01	AB001D	00	1	TLD	B4		13B	AB00DB BUSS	
00470		XA316	28											+5V	01				TLD					
17759		XA316	29		XA316	35				16B	9			SPI020	07			01	1	TLD	C3		14B	
20695		XA316	30							16B	9			SP0003	02			00	1	TLD	C2		15A	
17768		XA316	31		XA316	34				16B	9			SPI021	07			01	2	TLD	C3		15B	
22661		XA316	32											GND		GROUND			TLD			21B		
20697		XA316	33							16B	9			SP0004	02			00	1	TLD	C3		16B	
17769		XA316	34		XA316	37				16B	9			SPI021	08			01	2	TLD	C2		16A	
17760		XA316	35		XA316	36				16B	9			SPI020	08			01	1	TLD	C4		17B	
17761		XA316	36							16B	9			SPI020	09			01	1	TLD	C2		17A	
17770		XA316	37							16B	9			SPI021	09			01	2	TLD	C4		18B	
00751		XA316	38							16B	9		P	ABSE1D	08	ABSEDB	01	1	TLD	C1		18A	AY SE TO ADDER A	
00754		XA316	38										J	ABSE1D	01	ABSE1D	00	1	TLD	C1		18A	ABSEDB BUSS	
20699		XA316	39							16B	9			SP0005	02			00	1	TLD	C4		19B	
02997		XA316	40		XA316	26				16B	9			AKYCBP	01	ABSE1D	01	2	TLD	C1		19A		
20975		XA316	41		XA315	49				16B	9			TDDBC0	04	TB01TD	01	1	TLD	D3		22B		
04875		XA316	42		XA212	72				16B	9			AYSEBP	02	ABSE1D	01	1	TLD	C1		20A		
07320		XA316	43							16B	9			DB01MO	04	TB01TD	01	2	TLD	D3		23B		
11331		XA316	44											GND	01	GROUND			TLD			27A		
20729		XA316	45										J	TB01TD	04	TB01TD	00	1	TLD	D3		24B	JDB01B4 BUSS	
22414		XA316	45							16B	9		P	TB01TD	04	JDB01B4	01	1	TLD	D3		24B		
20737		XA316	46										J	TB02TD	04	TB02TD	00	1	TLD	D2		21A	JDB02B4 BUSS	
22415		XA316	46							16B	9		P	TB02TD	04	JDB02B4	01	1	TLD	D2		21A		
20973		XA316	47		XA316	48				16B	9			TDDBC0	02	TB03TD	01	1	TLD	D4		25B		
20974		XA316	48		XA316	41				16B	9			TDDBC0	03	TB02TD	01	2	TLD	D2		22A		
07290		XA316	49							16B	9			DB00MO	04	TB00TD	01	2	TLD	D4		26B		
07350		XA316	50							16B	9			DB02MO	04	TB02TD	01	1	TLD	D2		23A		
20721		XA316	51										J	TB03TD	04	TB00TD	00	1	TLD	D4		27B	JDB00B4 BUSS	
22413		XA316	51							16B	9		P	TB00TD	04	JDB00B4	01	1	TLD	D4		27B		
20745		XA316	52										J	TB03TD	04	TB03TD	00	1	TLD	D1		24A	JDB03B4 BUSS	
22416		XA316	52							16B	9		P	TB03TD	04	JDB03B4	01	1	TLD	D1		24A		
13888		XA316	53							16B	9			DM0300	09	DM051D	01	1	TLD	E3		28B		
20972		XA316	54		XA316	47				16B	9			TDDBC0	01	TB03TD	01	2	TLD	D1		25A		
15692		XA316	55							16B	9			MYA050	02	DM051D	01	2	TLD	E3		29B		
07380		XA316	56							16B	9			DB03MO	04	TB03TD	01	1	TLD	D1		26A		
07417		XA316	57		XA317	57				16B	9		P	DM051D	03	DB05DB	15	1	TLD	E3		30B		
08689		XA316	57										J	DM051D	01	DM051D	00	1	TLD	E3		30B	DB05DB BUSS	
11332		XA316	58											GND	01	GROUND			TLD			40A		
13886		XA316	59		XA316	62				16B	9			DM0300	07	DM041D	01	1	TLD	E4		31B		
07449		XA316	60		XA317	60				16B	9		P	DM061D	03	DB06DB	15	1	TLD	E2		28A		
08691		XA316	60										J	DM061D	01	DM061D	00	1	TLD	E2		28A	DB06DB BUSS	
15682		XA316	61							16B	9			MYA040	02	DM041D	01	2	TLD	E4		32B		
13887		XA316	62		XA316	53				16B	9			DM0300	08	DM061D	01	2	TLD	E2		29A		
07387		XA316	63		XA317	63				16B	9		P	DM041D	03	DB04DB	15	1	TLD	E4		33B		
08687		XA316	63										J	DM041D	01	DM041D	00	1	TLD	E4		33B	DB04DB BUSS	
15702		XA316	64							16B	9			MYA060	02	DM061D	01	1	TLD	E2		30A		
13884		XA316	65		XA316	68				16B	9			DM0300	05	DM011D	01	1	TLD	F3		34B		
07483		XA316	66		XA317	66				16B	9		P	DM071D	03	DB07DB	15	1	TLD	E1		31A		
CONNECTOR		XA316	CONTINUED ON THE NEXT PAGE ****																					

RECORD NUMBER	FROM				TO				WIRE				SFC	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	SMTC	PREFIX	CONNECTOR	PIN	SMTC	MULTI GROUP	CODE	COLOR	IDENT												
08093	XA316	66											J	DM071D	01	DM071D	00	1	TLD	E1		31A	DB07DB BUSS	
13879	XA316	67												GND		GROUND			TLD					
13885	XA316	68			XA316	59				16B	9			M00300	06	DM071D	01	2	TLD	E1		32A		
07299	XA316	69			XA317	69				16B	9		P	DM011D	03	DB010B	15	1	TLD	F3		35A		
08681	XA316	69											J	DM011D	01	DM011D	00	1	TLD	F3		35A	DB010B BUSS	
15713	XA316	70								16B	9			MYA070	02	DM071D	01	1	TLD	E1		33A		
13883	XA316	71			XA316	65				16B	9			M00300	04	DM021D	01	2	TLD	F2		36A		
07329	XA316	72			XA317	72				16B	9		P	DM021D	03	DB020B	15	1	TLD	F2		34A		
03683	XA316	72											J	DM021D	01	DM021D	00	1	TLD	F2		34A	DB020B BUSS	
15662	XA316	73								16B	9			MYA020	02	DM021D	01	1	TLD	F2		36B		
15652	XA316	74								16B	9			MYA010	02	DM011D	01	2	TLD	F3		35B		
07359	XA316	75			XA317	75				16B	9		P	DM031D	03	DB030B	15	1	TLD	F1		37B		
08685	XA316	75											J	DM031D	01	DM031D	00	1	TLD	F1		37B	DB030B BUSS	
13882	XA316	76			XA316	71				16B	9			M00300	03	DM001D	01	1	TLD	F4		37A		
15672	XA316	77								16B	9			MYA030	02	DM031D	01	2	TLD	F1		38B		
15642	XA316	78								16B	9			MYA000	02	DM001D	01	2	TLD	F4		38A		
13881	XA316	79			XA316	76				16B	9			M00300	02	DM031D	01	1	TLD	F1		39B		
07269	XA316	80			XA317	80				16B	9		P	DM001D	03	DB000B	15	1	TLD	F4		39A		
08679	XA316	80											J	DM001D	01	DM001D	00	1	TLD	F4		39A	DB000B BUSS	
00903	XA317	01			XA318	01				16B	9		P	AB222D	02	AB220B	02	1	TLD	A2		02B	AY 22* TO ADDER A	
00907	XA317	01											J	AB222D	01	AB222D	00	1	TLD	A2		02B	AB220B BUSS	
22662	XA317	02												GND		GROUND			TLD			01A		
05129	XA317	03			XA112	59				16B	9			AKYNFP	05	AB212D	01	1	TLD	A3		02A		
05396	XA317	04			XA329	34				16B	9			AY22BQ	02	AB222D	01	1	TLD	A2		04A		
03128	XA317	05			XA317	03				16B	9			AKYNFP	04	AB222D	01	2	TLD	A2		03B		
00911	XA317	06			XA318	06				16B	9		P	AB232D	04	AB230B	02	1	TLD	A1		05A	AY 23* TO ADDER A	
00914	XA317	06											J	AB232D	01	AB232D	00	1	TLD	A1		05A	AB230B BUSS	
05370	XA317	07			XA329	31				16B	9			AY21BQ	01	AB212D	01	2	TLD	A3		03A		
03137	XA317	08			XA112	76				16B	9			AKYNGP	05	AB232D	01	2	TLD	A1		06A		
00897	XA317	09			XA318	09				16B	9		P	AB212D	02	AB210B	02	1	TLD	A3		04B	AY 21* TO ADDER A	
00901	XA317	09											J	AB212D	01	AB212D	00	1	TLD	A3		04B	AB210B BUSS	
05428	XA317	10			XA329	40				16B	9			AY23BQ	01	AB232D	01	1	TLD	A1		07A		
03127	XA317	11			XA317	05				16B	9			AKYNFP	03	AB202D	01	1	TLD	A4		05B		
00471	XA317	12												+5V	01				TLD					
05347	XA317	13			XA329	35				16B	9			AY20BQ	01	AB202D	01	2	TLD	A4		06B		
00877	XA317	14			XA318	14				16B	9		P	AB182D	02	AB180B	02	1	TLD	B2		09A	AY 18* TO ADDER A	
00881	XA317	14											J	AB182D	01	AB182D	00	1	TLD	B2		09A	AB180B BUSS	
00891	XA317	15			XA318	15				16B	9		P	AB202D	03	AB200B	02	1	TLD	A4		07B	AY 20* TO ADDER A	
00895	XA317	15											J	AB202D	01	AB202D	00	1	TLD	A4		07B	AB200B BUSS	
22663	XA317	16												GND		GROUND			TLD			01B		
03121	XA317	17			XA112	47				16B	9			AKYNFP	05	AB172D	01	1	TLD	B3		08B		
05305	XA317	18			XA329	48				16B	9			AY18BQ	01	AB182D	01	2	TLD	B2		10A		
05282	XA317	19			XA329	41				16B	9			AY17BQ	02	AB172D	01	2	TLD	B3		09B		
03126	XA317	20			XA317	11				16B	9			AKYNFP	02	AB182D	01	1	TLD	B2		11A		
00871	XA317	21			XA318	21				16B	9		P	AB172D	02	AB170B	02	1	TLD	B3		10B	AY 17* TO ADDER A	
00875	XA317	21											J	AB172D	01	AB172D	00	1	TLD	B3		10B	AB170B BUSS	
00885	XA317	22			XA318	22				16B	9		P	AB192D	04	AB190B	02	1	TLD	B1		12A	AY 19* TO ADDER A	
00886	XA317	22											J	AB192D	01	AB192D	00	1	TLD	B1		12A	AB190B BUSS	
CONNECTOR (XA317) CONTINUED ON THE NEXT PAGE ****																								

DRAWING NUMBER 149012-880 CONNECTOR UNIT ASSEMBLY NO. 149012 REV E INDEX XA317
 UNIT ASSEMBLY NAME CARD CAGE ASSY, CPU L.H. FILE IDENT T39B2CP1 DATE 09-03-82 PAGE 202

RECORD NUMBER	FROM				TO				WIRE				SIGNAL	SEQ NO	EQUATION	TERM	FACTOR	CKT OR CHIP TYPE	QID#	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											
03120		XA317	23		XA317	17				16B	9			AKYNEP	04	AB162D	01	1	TLD	B4	11B		
03125		XA317	24		XA317	20				16B	9			AKYNFP	01	AB192D	01	2	TLD	B1	13A		
05256		XA317	25		XA329	47				16B	9			AY16BQ	02	AB162D	01	2	TLD	B4	12B		
05327		XA317	26		XA329	56				16B	9			AY19BQ	01	AB192D	01	1	TLD	B1	14A		
00865		XA317	27		XA318	27				16B	9		P	AB162D	03	AB16DB	02	1	TLD	B4	13B	AY 16* TO ADDER A	
00869		XA317	27										J	AB162D	01	AB162D	00	1	TLD	B4	13B	AB16DB BUSS	
00472		XA317	28											+5V	01				TLD				
03119		XA317	29		XA317	23				16B	9			AKYNEP	03	AB132D	01	1	TLD	C3	14B		
00852		XA317	30		XA318	30				16B	9		P	AB142D	03	AB14DB	02	1	TLD	C2	15A	AY 14* TO ADDER A	
00855		XA317	30										J	AB142D	01	AB142D	00	1	TLD	C2	15A	AB14DB BUSS	
05194		XA317	31		XA329	55				16B	9			AY13BQ	01	AB132D	01	2	TLD	C3	15B		
22664		XA317	32											GND		GROUND	02		TLD		21B		
00846		XA317	33		XA318	33				16B	9		P	AB132D	03	AB13DB	01	1	TLD	C3	16B	AY 13* TO ADDER A	
00849		XA317	33										J	AB132D	01	AB132D	00	1	TLD	C3	16B	AB13DB BUSS	
05214		XA317	34		XA329	62				16B	9			AY14BQ	01	AB142D	01	2	TLD	C2	16A		
03111		XA317	35		XA112	35				16B	9			AKYNDP	05	AB122D	01	1	TLD	C4	17B		
03118		XA317	36		XA317	29				16B	9			AKYNEP	02	AB142D	01	1	TLD	C2	17A		
05174		XA317	37		XA329	59				16B	9			AY12BQ	01	AB122D	01	2	TLD	C4	18B		
00859		XA317	38		XA318	38				16B	9		P	AB152D	04	AB15DB	02	1	TLD	C1	18A	AY 15* TO ADDER A	
00862		XA317	38										J	AB152D	01	AB152D	00	1	TLD	C1	18A	AB15DB BUSS	
00840		XA317	39		XA318	39				16B	9			AB122D	04	AB12DB	02	1	TLD	C4	19B	AY 12* TO ADDER A	
00843		XA317	39										J	AB122D	01	AB122D	00	1	TLD	C4	19B	AB12DB BUSS	
03117		XA317	40		XA317	36				16B	9			AKYNEP	01	AB152D	01	2	TLD	C1	19A		
03110		XA317	41		XA317	35				16B	9			AKYNDP	04	AB092D	01	1	TLD	D3	22B		
05234		XA317	42		XA329	70				16B	9			AY15BQ	01	AB152D	01	1	TLD	C1	20A		
05114		XA317	43		XA329	74				16B	9			AY09BQ	01	AB092D	01	2	TLD	D3	23B		
05309		XA317	44											GND		GROUND			TLD		27A		
00820		XA317	45		XA318	45				16B	9		P	AB092D	03	AB09DB	02	1	TLD	D3	24B	AY 09* TO ADDER A	
00823		XA317	45										J	AB092D	01	AB092D	00	1	TLD	D3	24B	AB09DB BUSS	
00826		XA317	46		XA318	46				16B	9		P	AB102D	03	AB10DB	02	1	TLD	D2	21A	AY 10* TO ADDER A	
00829		XA317	46										J	AB102D	01	AB102D	00	1	TLD	D2	21A	AB10DB BUSS	
03108		XA317	47		XA317	48				16B	9			AKYNDP	02	AB082D	01	1	TLD	D4	25B		
03109		XA317	48		XA317	41				16B	9			AKYNDP	03	AB102D	01	2	TLD	D2	22A		
05085		XA317	49		XA329	76				16B	9			AY08BQ	01	AB082D	01	2	TLD	D4	26B		
05134		XA317	50		XA329	71				16B	9			AY10BQ	01	AB102D	01	1	TLD	D2	23A		
00814		XA317	51		XA318	51				16B	9		P	AB082D	04	AB08DB	02	1	TLD	D4	27B	AY 08* TO ADDER A	
00817		XA317	51										J	AB082D	01	AB082D	00	1	TLD	D4	27B	AB08DB BUSS	
00833		XA317	52		XA318	52				16B	9		P	AB112D	04	AB11DB	02	1	TLD	D1	24A	AY 11* TO ADDER A	
00836		XA317	52										J	AB112D	01	AB112D	00	1	TLD	D1	24A	AB11DB BUSS	
13808		XA317	53							16B	9			MD0230	09	DM050D	01	1	TLD	E3	28B		
03107		XA317	54		XA317	47				16B	9			AKYNDP	01	AB112D	01	2	TLD	D1	25A		
14054		XA317	55		XA326	29				16B	9			MD05BQ	04	DM050D	01	2	TLD	E3	29B		
05154		XA317	56		XA329	77				16B	9			AY11BQ	01	AB112D	01	1	TLD	D1	26A		
07418		XA317	57		XA318	57				16B	9		P	DM050D	04	DB05DB	14	1	TLD	E3	30B		
08688		XA317	57										J	DM050D	01	DM050D	00	1	TLD	E3	30B	DB05DB BUSS	
11333		XA317	58											GND	01	GROUND			TLD		40A		
13806		XA317	59		XA317	62				16B	9			MD0230	07	DM040D	01	1	TLD	E4	31B		
07450		XA317	60		XA318	60				16B	9		P	DM060D	04	DB06DB	14	1	TLD	E2	28A		
08690		XA317	60										J	DM060D	01	DM060D	00	1	TLD	E2	28A	DB06DB BUSS	
13981		XA317	61		XA326	35				16B	9			MD04BQ	04	DM040D	01	2	TLD	E4	32B		
CONNECTOR		XA317	CONTINUED ON THE NEXT PAGE ****																				

DRAWING NUMBER 149012-880 CONNECTOR UNIT ASSEMBLY NO. 149012 REV E INDEX XA317
 UNIT ASSEMBLY NAME CARD CAGE ASSY, CPU L.H. FILE IDENT T39B2CP1 DATE 09-03-82 PAGE 203

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	SPEC	PREFIX	CONNECTOR	PIN	SPEC	MULTI GROUP	CODE	COLOR	IDENT											
13807		XA317	62		XA317	53			168	9			DM0230	08	DM0600	01	2	TLD	E2		29A		
07388		XA317	63		XA318	63			168	9			DM0400	04	DB04DB	14	1	TLD	E4		33B		
08686		XA317	63										DM0400	01	DM0400	00	1	TLD	E4		33B	DB04DB BUSS	
14087		XA317	64		XA326	34			168	9			MD06BQ	04	DM0600	01	1	TLD	E2		30A		
13804		XA317	65		XA317	68			168	9			MD0230	05	DM0100	01	1	TLD	F3		34B		
07484		XA317	66		XA318	66			168	9			DM0700	04	DB07DB	14	1	TLD	E1		31A		
08692		XA317	66										DM0700	01	DM0700	00	1	TLD	E1		31A	DB07DB BUSS	
11334		XA317	67										GND	01	GROUND			TLD					
13805		XA317	68		XA317	59			168	9			MD0230	06	DM0700	01	2	TLD	E1		32A		
07300		XA317	69		XA318	69			168	9			DM0100	04	DB01DB	14	1	TLD	F3		35A		
08680		XA317	69										DM0100	01	DM0100	00	1	TLD	F3		35A	DB01DB BUSS	
14119		XA317	70		XA424	07			168	9			MD07BQ	03	DM0700	01	1	TLD	E1		33A		
13803		XA317	71		XA317	65			168	9			MD0230	04	DM0200	01	2	TLD	F2		36A		
07330		XA317	72		XA318	72			168	9			DM0200	04	DB02DB	14	1	TLD	F2		34A		
08682		XA317	72										DM0200	01	DM0200	00	1	TLD	F2		34A	DB02DB BUSS	
13770		XA317	73		XA423	13			168	9			MD02BQ	03	DM0200	01	1	TLD	F2		36B		
13725		XA317	74		XA326	41			168	9			MD01BQ	04	DM0100	01	2	TLD	F3		35B		
07360		XA317	75		XA318	75			168	9			DM0300	04	DB03DB	14	1	TLD	F1		37B		
08684		XA317	75										DM0300	01	DM0300	00	1	TLD	F1		37B	DB03DB BUSS	
13802		XA317	76		XA317	71			168	9			MD0230	03	DM0000	01	1	TLD	F4		37A		
13801		XA317	77		XA317	76			168	9			MD0230	02	DM0300	01	2	TLD	F1		38B		
13641		XA317	78		XA421	13			168	9			MD00BQ	03	DM0000	01	2	TLD	F4		38A		
13869		XA317	79		XA424	13			168	9			MD03BQ	03	DM0300	01	1	TLD	F1		39B		
07270		XA317	80		XA318	80			168	9			DM0000	04	DB00DB	14	1	TLD	F4		39A		
08678		XA317	80										DM0000	01	DM0000	00	1	TLD	F4		39A	DB00DB BUSS	
00904		XA318	01		XA222	48			168	9			AB221D	03	AB220B	01	1	TLD	A2		02B	AY 22 TO ADDER A	
00906		XA318	01										AB221D	01	AB221D	00	1	TLD	A2		02B	AB22DB BUSS	
22665		XA318	02										GND		GROUND			TLD			01A		
05366		XA318	03		XA231	24			168	9			AY21BP	02	AB211D	01	1	TLD	A3		02A		
03041		XA318	04		XA318	07			168	9			AKYCFP	04	AB221D	01	1	TLD	A2		04A		
05390		XA318	05		XA231	34			168	9			AY22BP	02	AB221D	01	2	TLD	A2		03B		
00912		XA318	06						168	9			AB231D	05	AB23DB	01	1	TLD	A1		05A	AY 23 TO ADDER A	
00913		XA318	06										AB231D	01	AB231D	00	1	TLD	A1		05A	AB23DB BUSS	
03042		XA318	07		XA112	57			168	9			AKYCFP	05	AB211D	01	2	TLD	A3		03A		
03050		XA318	08		XA112	69			168	9			AKYCGP	05	AB231D	01	2	TLD	A1		06A		
00898		XA318	09		XA222	47			168	9			AB211D	03	AB21DB	01	1	TLD	A3		04B	AY 21 TO ADDER A	
00900		XA318	09										AB211D	01	AB211D	00	1	TLD	A3		04B	AB21DB BUSS	
05423		XA318	10		XA231	06			168	9			AY23BP	01	AB231D	01	1	TLD	A1		07A		
05345		XA318	11		XA138	76			168	9			AY20BP	01	AB201D	01	1	TLD	A4		05B		
00473		XA318	12										+5V	01				TLD					
03040		XA318	13		XA318	04			168	9			AKYCFP	03	AB201D	01	2	TLD	A4		06B		
00878		XA318	14		XA222	42			168	9			AB181D	03	AB18DB	01	1	TLD	B2		09A	AY 18 TO ADDER A	
00880		XA318	14										AB181D	01	AB181D	00	1	TLD	B2		09A	AB18DB BUSS	
00892		XA318	15		XA222	46			168	9			AB201D	04	AB20DB	01	1	TLD	A4		07B	AY 20 TO ADDER A	
00894		XA318	15										AB201D	01	AB201D	00	1	TLD	A4		07B	AB20DB BUSS	
22666		XA318	16										GND		GROUND			TLD			01B		
03034		XA318	17		XA112	45			168	9			AKYCEP	05	AB171D	01	1	TLD	B3		08B		
05303		XA318	18		XA138	59			168	9			AY18BP	02	AB181D	01	2	TLD	B2		10A		
CONNECTOR (XA318) CONTINUED ON THE NEXT PAGE ****																							

DRAWING NUMBER 149012-880 CONNECTOR UNIT ASSEMBLY NO. 149012 REV E INDEX XA318
 UNIT ASSEMBLY NAME CARD CAGE ASSY, CPU L.H. FILE IDENT T39B2CP1 DATE 09-03-82 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	SH 215	PREFIX	CONNECTOR	PIN	SH 215	MULTI GROUP	CODE	COLOR											
05279		XA318	19		XA138	45			168	9		AY17BP	01	AB171D	01	2	TLD	B3		09B		
03039		XA318	20		XA318	13			168	9		AKYCFP	02	AB181D	01	1	TLD	B2		11A		
00872		XA318	21		XA222	41			168	9		AB171D	03	AB170B	01	1	TLD	B3		10B	AY 17 TO ADDER A	
00874		XA318	21									J AB171D	01	AB171D	00	1	TLD	B3		10B	AB170B BUSS	
00886		XA318	22						168	9		P AB191D	05	AB190B	01	1	TLD	B1		12A	AY 19 TO ADDER A	
00887		XA318	22									J AB191D	01	AB191D	00	1	TLD	B1		12A	AB190B BUSS	
03033		XA318	23		XA318	17			168	9		AKYCEP	04	AB161D	01	1	TLD	B4		11B		
03038		XA318	24		XA318	20			168	9		AKYCFP	01	AB191D	01	2	TLD	B1		13A		
05252		XA318	25		XA138	47			168	9		AY16BP	02	AB161D	01	2	TLD	B4		12B		
05325		XA318	26		XA138	57			168	9		AY19BP	01	AB191D	01	1	TLD	B1		14A		
00866		XA318	27		XA222	39			168	9		P AB161D	04	AB160B	01	1	TLD	B4		13B	AY 16 TO ADDER A	
00868		XA318	27									J AB161D	01	AB161D	00	1	TLD	B4		13B	AB160B BUSS	
00474		XA318	28									+5V	01				TLD					
03032		XA318	29		XA318	23			168	9		AKYCEP	03	AB131D	01	1	TLD	C3		14B		
00853		XA318	30						168	9		P AB141D	04	AB140B	01	1	TLD	C2		15A	AY 14 TO ADDER A	
00854		XA318	30									J AB141D	01	AB141D	00	1	TLD	C2		15A	AB140B BUSS	
05191		XA318	31		XA138	21			168	9		AY13BP	01	AB131D	01	2	TLD	C3		15B		
22667		XA318	32									GND		GROUND			TLD			21B		
00847		XA318	33						168	9		P AB131D	04	AB130B	01	1	TLD	C3		16B	AY 13 TO ADDER A	
00848		XA318	33									J AB131D	01	AB131D	00	1	TLD	C3		16B	AB130B BUSS	
05211		XA318	34		XA138	35			168	9		AY14BP	01	AB141D	01	2	TLD	C2		16A		
05171		XA318	35		XA138	23			168	9		AY12BP	01	AB121D	01	1	TLD	C4		17B		
03031		XA318	36		XA318	29			168	9		AKYCEP	02	AB141D	01	1	TLD	C2		17A		
03024		XA318	37		XA112	33			168	9		AKYCFP	05	AB121D	01	2	TLD	C4		18B		
00860		XA318	38						168	9		P AB151D	05	AB150B	01	1	TLD	C1		18A	AY 15 TO ADDER A	
00861		XA318	38									J AB151D	01	AB151D	00	1	TLD	C1		18A	AB150B BUSS	
00841		XA318	39						168	9		P AB121D	05	AB120B	01	1	TLD	C4		19B	AY 12 TO ADDER A	
00842		XA318	39									J AB121D	01	AB121D	00	1	TLD	C4		19B	AB120B BUSS	
03030		XA318	40		XA318	36			168	9		AKYCEP	01	AB151D	01	2	TLD	C1		19A		
03023		XA318	41		XA318	37			168	9		AKYCFP	04	AB091D	01	1	TLD	D3		22B		
05231		XA318	42		XA138	33			168	9		AY15BP	01	AB151D	01	1	TLD	C1		20A		
05111		XA318	43		XA139	76			168	9		AY09BP	01	AB091D	01	2	TLD	D3		23B		
05129		XA318	44									GND		GROUND			TLD			27A		
00821		XA318	45						168	9		P AB091D	04	AB090B	01	1	TLD	D3		24B	AY 09 TO ADDER A	
00822		XA318	45									J AB091D	01	AB091D	00	1	TLD	D3		24B	AB090B BUSS	
00827		XA318	46						168	9		P AB101D	04	AB100B	01	1	TLD	D2		21A	AY 10 TO ADDER A	
00828		XA318	46									J AB101D	01	AB101D	00	1	TLD	D2		21A	AB100B BUSS	
05082		XA318	47		XA139	57			168	9		AY08BP	01	AB081D	01	1	TLD	D4		25B		
05131		XA318	48		XA138	11			168	9		AY10BP	01	AB101D	01	2	TLD	D2		22A		
03021		XA318	49		XA318	50			168	9		AKYCFP	02	AB081D	01	2	TLD	D4		26B		
03022		XA318	50		XA318	41			168	9		AKYCFP	03	AB101D	01	1	TLD	D2		23A		
00815		XA318	51						168	9		P AB081D	05	AB080B	01	1	TLD	D4		27B	AY 08 TO ADDER A	
00816		XA318	51									J AB081D	01	AB081D	00	1	TLD	D4		27B	AB080B BUSS	
00834		XA318	52						168	9		P AB111D	05	AB110B	01	1	TLD	D1		24A	AY 11 TO ADDER A	
00835		XA318	52									J AB111D	01	AB111D	00	1	TLD	D1		24A	AB110B BUSS	
11866		XA318	53						168	9		GR05XW	04	DG050D	01	1	TLD	E3		28B		
05151		XA318	54		XA147	49			168	9		AY11BP	01	AB111D	01	2	TLD	D1		25A		
10452		XA318	55						168	9		GC0050	09	DG050D	01	2	TLD	E3		29B		
03020		XA318	56		XA318	49			168	9		AKYCFP	01	AB111D	01	1	TLD	D1		26A		
07419		XA318	57		XA319	57			168	9		P DG050D	05	DB050B	13	1	TLD	E3		30B		
CONNECTOR (XA318) CONTINUED ON THE NEXT PAGE ****																						

DRAWING NUMBER 149012-880 CONNECTOR UNIT ASSEMBLY NO. 149012 REV E INDEX XA318
 UNIT ASSEMBLY NAME CARD CAGE ASSY, CPU L.H. FILE IDENT T39B2CP1 DATE 09-03-82 PAGE 205

RECORD NUMBER	FROM			TO			WIRE			SPEC INST	SIGNAL	SFG 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												
08635		XA318	57							J	DG050D	01	DG050D	00	1	TLD	E3	30B	DB050B BUSS		
05323		XA318	58								GND		GROUND			TLD		40A			
11856		XA318	59					16B	9		GR04XW	04	DG040D	01	1	TLD	E4	31B			
07451		XA318	60		XA319	60		16B	9	P	DG060D	05	DB06DB	13	1	TLD	E2	28A			
08636		XA318	60							J	DG060D	01	DG060D	00	1	TLD	E2	28A	DB060B BUSS		
10450		XA318	61		XA318	64		16B	9		GC0050	07	DG040D	01	2	TLD	E4	32B			
11876		XA318	62					16B	9		GR06XW	04	DG060D	01	2	TLD	E2	29A			
07389		XA318	63		XA319	63		16B	9	P	DG040D	05	DB04DB	13	1	TLD	E4	33B			
08634		XA318	63							J	DG040D	01	DG040D	00	1	TLD	E4	33B	DB040B BUSS		
10451		XA318	64		XA318	55		16B	9		GC0050	08	DG060D	01	1	TLD	E2	30A			
11826		XA318	65					16B	9		GR01XW	04	DG010D	01	1	TLD	F3	34B			
07485		XA318	66		XA319	66		16B	9	P	DG070D	05	DB07DB	13	1	TLD	E1	31A			
08637		XA318	66							J	DG070D	01	DG070D	00	1	TLD	E1	31A	DB070B BUSS		
10442		XA318	67								GND		GROUND			TLD					
11886		XA318	68					16B	9		GR07XW	04	DG070D	01	2	TLD	E1	32A			
07301		XA318	69		XA319	69		16B	9	P	DG010D	05	DB01DB	13	1	TLD	F3	35A			
08631		XA318	69							J	DG010D	01	DG010D	00	1	TLD	F3	35A	DB010B BUSS		
10449		XA318	70		XA318	61		16B	9		GC0050	06	DG070D	01	1	TLD	E1	33A			
11836		XA318	71					16B	9		GR02XW	04	DG020D	01	2	TLD	F2	36A			
07331		XA318	72		XA319	72		16B	9	P	DG020D	05	DB02DB	13	1	TLD	F2	34A			
08632		XA318	72							J	DG020D	01	DG020D	00	1	TLD	F2	34A	DB020B BUSS		
10447		XA318	73		XA318	74		16B	9		GC0050	04	DG020D	01	1	TLD	F2	36B			
10448		XA318	74		XA318	70		16B	9		GC0050	05	DG010D	01	2	TLD	F3	35B			
07361		XA318	75		XA319	75		16B	9	P	DG030D	05	DB03DB	13	1	TLD	F1	37B			
08633		XA318	75							J	DG030D	01	DG030D	00	1	TLD	F1	37B	DB030B BUSS		
11816		XA318	76					16B	9		GR00XW	04	DG000D	01	1	TLD	F4	37A			
10445		XA318	77		XA318	78		16B	9		GC0050	02	DG030D	01	2	TLD	F1	38B			
10446		XA318	78		XA318	73		16B	9		GC0050	03	DG000D	01	2	TLD	F4	38A			
11846		XA318	79					16B	9		GR03XW	04	DG030D	01	1	TLD	F1	39B			
07271		XA318	80		XA319	80		16B	9	P	DG000D	05	DB00DB	13	1	TLD	F4	39A			
08630		XA318	80							J	DG000D	01	DG000D	00	1	TLD	F4	39A	DB000B BUSS		
08521		XA319	01		XA320	01		16B	9	P	DT30AD	02	DB30DB	25	1	TLD	A2	02B			
10364		XA319	01							J	DT30AD	01	DT30AD	00	1	TLD	A2	02B	DB300B BUSS		
11335		XA319	02								GND	01	GROUND			TLD		01A			
10328		XA319	03		XA319	05		16B	9		DTTDHO	01	DT29AD	01	1	TLD	A3	02A			
20956		XA319	04		XA313	30		16B	9		TB30C0	01	DT30AD	01	1	TLD	A2	04A			
10329		XA319	05		XA319	11		16B	9		DTTDHO	02	DT30AD	01	2	TLD	A2	03B			
08581		XA319	06		XA320	06		16B	9	P	DT31AD	02	DB310B	25	1	TLD	A1	05A			
10365		XA319	06							J	DT31AD	01	DT31AD	00	1	TLD	A1	05A	DB310B BUSS		
20948		XA319	07		XA313	33		16B	9		TB29C0	01	DT29AD	01	2	TLD	A3	03A			
20964		XA319	08		XA313	38		16B	9		TB31C0	01	DT31AD	01	2	TLD	A1	06A			
08461		XA319	09		XA320	09		16B	9	P	DT29AD	02	DB29DB	25	1	TLD	A3	04B			
10363		XA319	09							J	DT29AD	01	DT29AD	00	1	TLD	A3	04B	DB290B BUSS		
10331		XA319	10		XA319	24		16B	9		DTTDHO	04	DT31AD	01	1	TLD	A1	07A			
10330		XA319	11		XA319	10		16B	9		DTTDHO	03	DT28AD	01	1	TLD	A4	05B			
00475		XA319	12								+5V	01				TLD					
20940		XA319	13		XA313	39		16B	9		TB28C0	01	DT28AD	01	2	TLD	A4	06B			
08284		XA319	14		XA320	14		16B	9	P	DT26AD	02	DB260B	24	1	TLD	B2	09A			
CONNECTOR (XA319) CONTINUED ON THE NEXT PAGE ****																					

DRAWING NUMBER 149012-880 CONNECTOR UNIT ASSEMBLY NO. 149012 REV E INDEX XA319
 UNIT ASSEMBLY NAME CARD CAGE ASSY, CPU L.H. FILE IDENT T39B2CP1 DATE 09-03-82 PAGE 206

RECORD NUMBER	FROM				TO				WIRE				SIGNAL	SF	EQUATION	TERM	FACTOR	CKT OR CHIP TYPE	GROUP	LOAD OR POWER PLANE	TEST POINTS AND OR	SIGNAL DESCRIPTION	ECO NO
	PREFIX	CONNECTOR	PIN	SIG FC	PREFIX	CONNECTOR	PIN	SIG FC	MULTI GROUP	CODE	COLOR	IDENT											
10360		XA319	14										J	DT26AD	01	DT26AD	00	1	TLD	B2	09A	DB26DB BUSS	
08401		XA319	15			XA320	15						J	DT28AD	02	DB2809	25	1	TLD	A4	07B	DB280B BUSS	
10362		XA319	15										J	DT28AD	01	DT28AD	00	1	TLD	A4	07B	DB280B BUSS	
11336		XA319	16										J	GND	01	GROUND			TLD		01B		
20916		XA319	17			XA313	45						J	T825C0	01	DT25AD	01	1	TLD	B3	08B		
10325		XA319	18			XA319	19						J	DTT0G0	05	DT26AD	01	2	TLD	B2	10A		
10326		XA319	19			XA312	21						J	DTT0G0	06	DT25AD	01	2	TLD	B3	09B		
20924		XA319	20			XA313	46						J	T826C0	01	DT26AD	01	1	TLD	B2	11A		
08230		XA319	21			XA320	21						P	DT25AD	02	DB25DB	22	1	TLD	B3	10B	DB25DB BUSS	
10359		XA319	21										J	DT25AD	01	DT25AD	00	1	TLD	B3	10B	DB25DB BUSS	
08338		XA319	22			XA320	22						J	DT27AD	02	DB27DB	24	1	TLD	B1	12A	DB27DB BUSS	
10361		XA319	22										J	DT27AD	01	DT27AD	00	1	TLD	B1	12A	DB27DB BUSS	
10324		XA319	23			XA319	18						J	DTT0G0	04	DT24AD	01	1	TLD	B4	11B		
10332		XA319	24			XA312	27						J	DTT0H0	05	DT27AD	01	2	TLD	B1	13A		
20908		XA319	25			XA313	51						J	T824C0	01	DT24AD	01	2	TLD	B4	12B		
20932		XA319	26			XA313	52						J	T827C0	01	DT27AD	01	1	TLD	B1	14A		
08174		XA319	27			XA320	27						P	DT24AD	02	DB24DB	07	1	TLD	B4	13B	DB24DB BUSS	
10358		XA319	27										J	DT24AD	01	DT24AD	00	1	TLD	B4	13B	DB24DB BUSS	
00476		XA319	28										J	+5V	01				TLD				
03144		XA319	29			XA116	59						J	AKYNHP	04	AB292D	01	1	TLD	C3	14B		
00955		XA319	30			XA320	30						P	AB302D	02	AB30DB	02	1	TLD	C2	15A	AY 30* TO ADDER A	
00959		XA319	30										J	AB302D	01	AB302D	00	1	TLD	C2	15A	AB30DB BUSS	
05554		XA319	31			XA329	03						J	AY29BQ	01	AB292D	01	2	TLD	C3	15B		
11337		XA319	32										J	GND	01	GROUND			TLD		21B		
00949		XA319	33			XA320	33						P	AB292D	02	AB29DB	02	1	TLD	C3	16B	AY 29* TO ADDER A	
00953		XA319	33										J	AB292D	01	AB292D	00	1	TLD	C3	16B	AB29DB BUSS	
05574		XA319	34			XA329	05						J	AY308Q	01	AB302D	01	2	TLD	C2	16A		
05534		XA319	35			XA329	11						J	AY28BQ	01	AB282D	01	1	TLD	C4	17B		
03143		XA319	36			XA319	29						J	AKYNHP	03	AB302D	01	1	TLD	C2	17A		
03142		XA319	37			XA319	36						J	AKYNHP	02	AB282D	01	2	TLD	C4	18B		
00963		XA319	38			XA320	38						P	AB312D	04	AB31DB	02	1	TLD	C1	18A	AY 31* TO ADDER A	
00966		XA319	38										J	AB312D	01	AB312D	00	1	TLD	C1	18A	AB31DB BUSS	
00944		XA319	39			XA320	39						P	AB282D	04	AB28DB	02	1	TLD	C4	19B	AY 28* TO ADDER A	
00947		XA319	39										J	AB282D	01	AB282D	00	1	TLD	C4	19B	AB28DB BUSS	
05594		XA319	40			XA329	08						J	AY31BQ	01	AB312D	01	2	TLD	C1	19A		
05471		XA319	41			XA329	17						J	AY25BQ	01	AB252D	01	1	TLD	D3	22B		
03141		XA319	42			XA319	37						J	AKYNHP	01	AB312D	01	1	TLD	C1	20A		
03136		XA319	43			XA317	08						J	AKYNGP	04	AB252D	01	2	TLD	D3	23B		
22668		XA319	44										J	GND		GROUND			TLD		27A		
00923		XA319	45			XA320	45						P	AB252D	02	AB25DB	02	1	TLD	D3	24B	AY 25* TO ADDER A	
00927		XA319	45										J	AB252D	01	AB252D	00	1	TLD	D3	24B	AB25DB BUSS	
00929		XA319	46			XA320	46						P	AB262D	02	AB26DB	02	1	TLD	D2	21A	AY 26* TO ADDER A	
00933		XA319	46										J	AB262D	01	AB262D	00	1	TLD	D2	21A	AB26DB BUSS	
05449		XA319	47			XA329	25						J	AY24BQ	01	AB242D	01	1	TLD	D4	25B		
05494		XA319	48			XA329	18						J	AY26BQ	01	AB262D	01	2	TLD	D2	22A		
03134		XA319	49			XA319	50						J	AKYNGP	02	AB242D	01	2	TLD	D4	26B		
03135		XA319	50			XA319	43						J	AKYNGP	03	AB262D	01	1	TLD	D2	23A		
00917		XA319	51			XA320	51						P	AB242D	03	AB24DB	02	1	TLD	D4	27B	AY 24* TO ADDER A	
00921		XA319	51										J	AB242D	01	AB242D	00	1	TLD	D4	27B	AB24DB BUSS	
00937		XA319	52			XA320	52						P	AB272D	04	AB27DB	02	1	TLD	D1	24A	AY 27* TO ADDER A	
CONNECTOR		XA319	CONTINUED ON THE NEXT PAGE ****																				

DRAWING NUMBER 149012-880 CONNECTOR UNIT ASSEMBLY NAME CARD CAGE ASSY, CPU L.H. UNIT ASSEMBLY NO. 149012 REV E INDEX XA319 FILE IDENT T39B2CP1 DATE 09-03-82 PAGE 207

RECORD NUMBER	FROM				TO				WIRE			SPEC. INSTR. MISC.	SIGNAL	SEC NO.	EQUATION	TERM.	FACTORS	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	COLGR												
00940		XA319	52									J	AB272D	01	AB272D	00	1	TLD	D1		24A	AB27DB BUSS	
07034		XA319	53		XA226	27			16B	9			DAAYCO	06	DA05YD	01	1	TLD	E3		28B		
05514		XA319	54		XA329	26			16B	9			AY27BQ	01	AB272D	01	2	TLD	D1		25A		
05025		XA319	55		XA315	07			16B	9			AY05BQ	01	DA05YD	01	2	TLD	E3		29B		
03133		XA319	56		XA319	49			16B	9			AKYNGP	01	AB272D	01	1	TLD	D1		26A		
07101		XA319	57									J	DA05YD	01	DA05YD	00	1	TLD	E3		30B	DB05DB BUSS	
07420		XA319	57		XA320	57			16B	9		P	DA05YD	06	DB05DB	12	1	TLD	E3		30B	TAY REG. TO BUS -	
11339		XA319	58										GND	01	GRCUND						40A		
07033		XA319	59		XA319	53			16B	9			DAAYCO	05	DA04YD	01	1	TLD	E4		31B		
07107		XA319	60									J	DA06YD	01	DA06YD	00	1	TLD	E2		28A	DB06DB BUSS	
07452		XA319	60		XA320	60			16B	9		P	DA06YD	06	DB06DB	12	1	TLD	E2		28A	TAY REG. TO BUS -	
05005		XA319	61		XA315	13			16B	9			AY04BQ	01	DA04YD	01	2	TLD	E4		32B		
05045		XA319	62		XA315	04			16B	9			AY06BQ	01	DA06YD	01	2	TLD	E2		29A		
07095		XA319	63									J	DA04YD	01	DA04YD	00	1	TLD	E4		33B	DB04DB BUSS	
07390		XA319	63		XA320	63			16B	9		P	DA04YD	06	DB04DB	12	1	TLD	E4		33B	TAY REG. TO BUS -	
07041		XA319	64		XA319	68			16B	9			DAAYDO	06	DA06YD	01	1	TLD	E2		30A		
07032		XA319	65		XA319	59			16B	9			DAAYCO	04	DA01YD	01	1	TLD	F3		34B		
07113		XA319	66									J	DA07YD	01	DA07YD	00	1	TLD	E1		31A	DB07DB BUSS	
07486		XA319	66		XA320	66			16B	9		P	DA07YD	06	DB07DB	12	1	TLD	E1		31A	TAY REG. TO BUS -	
04923		XA319	67										GND		GROUND								
07042		XA319	68		XA226	39			16B	9			DAAYDO	07	DA07YD	01	2	TLD	E1		32A		
07077		XA319	69									J	DA01YD	01	DA01YD	00	1	TLD	F3		35A	DB01DB BUSS	
07302		XA319	69		XA320	69			16B	9		P	DA01YD	06	DB01DB	12	1	TLD	F3		35A	TAY REG. TO BUS -	
05065		XA319	70		XA315	10			16B	9			AY07BQ	01	DA07YD	01	1	TLD	E1		33A		
04965		XA319	71		XA315	20			16B	9			AY02BQ	01	DA02YD	01	2	TLD	F2		36A		
07083		XA319	72									J	DA02YD	01	DA02YD	00	1	TLD	F2		34A	DB02DB BUSS	
07332		XA319	72		XA320	72			16B	9		P	DA02YD	06	DB02DB	12	1	TLD	F2		34A	TAY REG. TO BUS -	
07031		XA319	73		XA319	65			16B	9			DAAYCO	03	DA02YD	01	1	TLD	F2		36B		
04942		XA319	74		XA315	19			16B	9			AY01BQ	01	DA01YD	01	2	TLD	F3		35B		
07089		XA319	75									J	DA03YD	01	DA03YD	00	1	TLD	F1		37B	DB03DB BUSS	
07362		XA319	75		XA320	75			16B	9		P	DA03YD	06	DB03DB	12	1	TLD	F1		37B	TAY REG. TO BUS -	
04917		XA319	76		XA147	61			16B	9			AY00BQ	03	DA00YD	01	1	TLD	F4		37A		
04985		XA319	77		XA315	24			16B	9			AY03BQ	01	DA03YD	01	2	TLD	F1		38B		
07030		XA319	78		XA319	73			16B	9			DAAYCO	02	DA00YD	01	2	TLD	F4		38A		
07029		XA319	78		XA319	78			16B	9			DAAYCO	01	DA03YD	01	1	TLD	F1		39B		
07071		XA319	80									J	DA00YD	01	DA00YD	00	1	TLD	F4		39A	DB00DB BUSS	
07272		XA319	80		XA320	80			16B	9		P	DA00YD	06	DB00DB	12	1	TLD	F4		39A	TAY REG. TO BUS -	
08522		XA320	01		XA321	01			16B	9		P	DM306D	03	DB30DB	24	1	TLD	A2		02B		
08798		XA320	01									J	DM306D	01	DM306D	00	1	TLD	A2		02B	DB30DB BUSS	
13202		XA320	02										GND		GROUND						01A		
13372		XA320	03						16B	9			MC0330	09	DM296D	01	1	TLD	A3		02A		
13196		XA320	04						16B	9			M814XW	04	DM306D	01	1	TLD	A2		04A		
13371		XA320	05		XA320	03			16B	9			MC0330	08	DM306D	01	2	TLD	A2		03B		
08582		XA320	06		XA321	06			16B	9		P	DM316D	03	DB31DB	24	1	TLD	A1		05A		
08805		XA320	06									J	DM316D	01	DM316D	00	1	TLD	A1		05A	DB31DB BUSS	
13184		XA320	07						16B	9			M813XW	04	DM296D	01	2	TLD	A3		03A		
13369		XA320	08		XA320	11			16B	9			MC0330	06	DM316D	01	2	TLD	A1		06A		
08462		XA320	09		XA321	09			16B	9		P	DM296D	03	DB29DB	24	1	TLD	A3		04B		
CONNECTOR (XA320) CONTINUED ON THE NEXT PAGE ****																							

DRAWING NUMBER 149012-880 CONNECTOR UNIT ASSEMBLY NO. 149012 REV E INDEX XA320
 UNIT ASSEMBLY NAME CARD CAGE ASSY, CPU L.H. FILE IDENT T39B2CP1 DATE 09-03-82 PAGE 208

RECORD NUMBER	FROM				TO				WIRE			SPEC INST MISC	SIGNAL	SEQ NO	EQUATION	TERM	FACTOR	CKT OR CHIP TYPE	GROUP	LOAD CP 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												
08791		XA320	09									J	DM296D	01	DM296D	00	1	TLD	A3		04B	DB290B BUSS	
13208		XA320	10						16B	9			MB15XW	04	DM316D	01	1	TLD	A1		07A		
13370		XA320	11		XA320	05			16B	9			MC0330	07	DM286D	01	1	TLD	A4		05B		
00477		XA320	12										+5V	01				TLD					
13172		XA320	13						16B	9			MB12XW	04	DM286D	01	2	TLD	A4		06B		
08285		XA320	14		XA321	14			16B	9		P	DM266D	03	DB260B	23	1	TLD	B2		09A		
08770		XA320	14									J	DM266D	01	DM266D	00	1	TLD	B2		09A	DB260B BUSS	
08402		XA320	15		XA321	15			16B	9		P	DM286D	03	DB280B	24	1	TLD	A4		07B		
08784		XA320	15									J	DM286D	01	DM286D	00	1	TLD	A4		07B	DB280B BUSS	
13363		XA320	16										GND		GROUND			TLD			01B		
13368		XA320	17		XA320	08			16B	9			MC0330	05	DM256D	01	1	TLD	B3		08B		
13367		XA320	18		XA320	17			16B	9			MC0330	04	DM266D	01	2	TLD	B2		10A		
13130		XA320	19						16B	9			MB09XW	04	DM256D	01	2	TLD	B3		09B		
13142		XA320	20						16B	9			MB10XW	04	DM266D	01	1	TLD	B2		11A		
08231		XA320	21		XA321	21			16B	9		P	DM256D	03	DB250B	21	1	TLD	B3		10B		
08763		XA320	21									J	DM256D	01	DM256D	00	1	TLD	B3		10B	DB250B BUSS	
08339		XA320	22		XA321	22			16B	9		P	DM276D	03	DB270B	23	1	TLD	B1		12A		
08777		XA320	22									J	DM276D	01	DM276D	00	1	TLD	B1		12A	DB270B BUSS	
13366		XA320	23		XA320	18			16B	9			MC0330	03	DM246D	01	1	TLD	B4		11B		
13158		XA320	24						16B	9			MB11XW	04	DM276D	01	2	TLD	B1		13A		
13117		XA320	25						16B	9			MB08XW	04	DM246D	01	2	TLD	B4		12B		
13365		XA320	26		XA320	23			16B	9			MC0330	02	DM276D	01	1	TLD	B1		14A		
08175		XA320	27		XA321	27			16B	9		P	DM246D	03	DB240B	22	1	TLD	B4		13B		
08756		XA320	27									J	DM246D	01	DM246D	00	1	TLD	B4		13B	DB240B BUSS	
00478		XA320	28										+5V	01				TLD					
05552		XA320	29		XA137	59			16B	9			AY298P	01	AB291D	01	1	TLD	C3		14B		
00956		XA320	30		XA222	63			16B	9		P	AB301D	03	AB300B	01	1	TLD	C2		15A	AY 30 TO ADDER A	
00958		XA320	30									J	AB301D	01	AB301D	00	1	TLD	C2		15A	AB300B BUSS	
03059		XA320	31		XA116	57			16B	9			AKYCHP	04	AB291D	01	2	TLD	C3		15B		
05550		XA320	32										GND		GROUND			TLD			21B		
00950		XA320	33		XA222	62			16B	9		P	AB291D	03	AB290B	01	1	TLD	C3		16B	AY 29 TO ADDER A	
00952		XA320	33									J	AB291D	01	AB291D	00	1	TLD	C3		16B	AB290B BUSS	
05572		XA320	34		XA137	57			16B	9			AY308P	01	AB301D	01	2	TLD	C2		16A		
05532		XA320	35		XA137	45			16B	9			AY288P	01	AB281D	01	1	TLD	C4		17B		
03058		XA320	36		XA320	31			16B	9			AKYCHP	03	AB301D	01	1	TLD	C2		17A		
03057		XA320	37		XA320	36			16B	9			AKYCHP	02	AB281D	01	2	TLD	C4		18B		
00964		XA320	38						16B	9		P	AB311D	05	AB310B	01	1	TLD	C1		18A	AY 31 TO ADDER A	
00965		XA320	38									J	AB311D	01	AB311D	00	1	TLD	C1		18A	AB310B BUSS	
00945		XA320	39						16B	9		P	AB281D	05	AB280B	01	1	TLD	C4		19B	AY 28 TO ADDER A	
00946		XA320	39									J	AB281D	01	AB281D	00	1	TLD	C4		19B	AB280B BUSS	
05592		XA320	40		XA137	76			16B	9			AY318P	01	AB311D	01	2	TLD	C1		19A		
05465		XA320	41		XA235	74			16B	9			AY258P	01	AB251D	01	1	TLD	D3		22B		
03056		XA320	42		XA320	37			16B	9			AKYCHP	01	AB311D	01	1	TLD	C1		20A		
03049		XA320	43		XA318	08			16B	9			AKYCGP	04	AB251D	01	2	TLD	D3		23B		
05570		XA320	44										GND		GROUND			TLD			27A		
00924		XA320	45		XA222	53			16B	9		P	AB251D	03	AB250B	01	1	TLD	D3		24B	AY 25 TO ADDER A	
00926		XA320	45									J	AB251D	01	AB251D	00	1	TLD	D3		24B	AB250B BUSS	
00930		XA320	46		XA222	55			16B	9		P	AB261D	03	AB260B	01	1	TLD	D2		21A	AY 26 TO ADDER A	
00932		XA320	46									J	AB261D	01	AB261D	00	1	TLD	D2		21A	AB260B BUSS	
05445		XA320	47		XA228	78			16B	9			AY248P	01	AB241D	01	1	TLD	D4		25B		
CONNECTOR (XA320) CONTINUED ON THE NEXT PAGE ****																							

DRAWING NUMBER 149012-880 CONNECTOR UNIT ASSEMBLY NO. 149012 REV E INDEX XA320
 UNIT ASSEMBLY NAME CARD CAGE ASSY, CPU L.H. FILE IDENT T39B2CP1 DATE 09-03-82 PAGE 209

RECORD NUMBER	FROM			TO			WIRE				SPE 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												
05492		XA320	48		XA137	33		16B	9			AY26BP	01	AB261D	01	2	TLD	D2		22A		
03047		XA320	49		XA320	50		16B	9			AKYCGP	02	AB241D	01	2	TLD	D4		26B		
03048		XA320	50		XA320	43		16B	9			AKYCGP	03	AB261D	01	1	TLD	D2		23A		
00918		XA320	51		XA222	52		16B	9			AB241D	04	AB24DB	01	1	TLD	D4		27B	AY 24 TO ADDER A	
00920		XA320	51								J	AB241D	01	AB241D	00	1	TLD	D4		27B	AB24DB BUSS	
00938		XA320	52					16B	9			AB271D	05	AB27DB	01	1	TLD	D1		24A	AY 27 TO ADDER A	
00935		XA320	52								J	AB271D	01	AB271D	00	1	TLD	D1		24A	AB27DB BUSS	
06991		XA320	53		XA226	21		16B	9			DAATC0	06	DA05TD	01	1	TLD	F3		28B		
05512		XA320	54		XA137	47		16B	9			AY27BP	01	AB271D	01	2	TLD	D1		25A		
02254		XA320	55		XA225	39		16B	9			AD05TD	01	DA05TD	01	2	TLD	E3		29B		
03046		XA320	56		XA320	49		16B	9			AKYCGP	01	AB271D	01	1	TLD	D1		26A		
07100		XA320	57								J	DA05TD	01	DA05TD	00	1	TLD	E3		30B	DR05DB BUSS	
07421		XA320	57		XA321	57		16B	9		P	DA05TD	07	DB05DB	11	1	TLD	E3		30B	TEXCLUSIVE OR TO B	
13152		XA320	58									GND		GND			TLD			40A		
06990		XA320	59		XA320	53		16B	9			DAATC0	05	DA04TD	01	1	TLD	E4		31B		
07106		XA320	60								J	DA06TD	01	DA06TD	00	1	TLD	E2		28A	DB06DB BUSS	
07453		XA320	60		XA321	60		16B	9		P	DA06TD	07	DB06DB	11	1	TLD	E2		28A	TEXCLUSIVE OR TO B	
02219		XA320	61		XA220	18		16B	9			AD04B5	01	DA04TD	01	2	TLD	E4		32B		
02276		XA320	62		XA225	52		16B	9			AD06TD	01	DA06TD	01	2	TLD	E2		29A		
07094		XA320	63								J	DA04TD	01	DA04TD	00	1	TLD	E4		33B	DB04DB BUSS	
07391		XA320	63		XA321	63		16B	9		P	DA04TD	07	DB04DB	11	1	TLD	E4		33B	TEXCLUSIVE OR TO B	
06998		XA320	64		XA320	68		16B	9			DAATD0	06	DA06TD	01	1	TLD	E2		30A		
06989		XA320	65		XA320	59		16B	9			DAATC0	04	DA01TD	01	1	TLD	F3		34B		
07112		XA320	66								J	DA07TD	01	DA07TD	00	1	TLD	E1		31A	DB07DB BUSS	
07487		XA320	66		XA321	66		16B	9		P	DA07TD	07	DB07DB	11	1	TLD	E1		31A	TEXCLUSIVE OR TO B	
11340		XA320	67									GND	01	GND			TLD					
06999		XA320	68		XA226	33		16B	9			DAATD0	07	DA07TD	01	2	TLD	E1		32A		
07076		XA320	69								J	DA01TD	01	DA01TD	00	1	TLD	F3		35A	DB01DB BUSS	
07303		XA320	69		XA321	69		16B	9		P	DA01TD	07	DB01DB	11	1	TLD	F3		35A	TEXCLUSIVE OR TO B	
02285		XA320	70		XA217	48		16B	9			AD07B2	01	DA07TD	01	1	TLD	E1		33A		
02185		XA320	71		XA227	64		16B	9			AD02TD	01	DA02TD	01	2	TLD	F2		36A		
07082		XA320	72								J	DA02TD	01	DA02TD	00	1	TLD	F2		34A	DB02DB BUSS	
07333		XA320	72		XA321	72		16B	9		P	DA02TD	07	DB02DB	11	1	TLD	F2		34A	TEXCLUSIVE OR TO B	
06988		XA320	73		XA320	65		16B	9			DAATC0	03	DA02TD	01	1	TLD	F2		36B		
02159		XA320	74		XA227	70		16B	9			AD01TD	01	DA01TD	01	2	TLD	F3		35B		
07088		XA320	75								J	DA03TD	01	DA03TD	00	1	TLD	F1		37B	DB03DB BUSS	
07363		XA320	75		XA321	75		16B	9		P	DA03TD	07	DB03DB	11	1	TLD	F1		37B	TEXCLUSIVE OR TO B	
02120		XA320	76		XA227	68		16B	9			AD00TD	01	DA00TD	01	1	TLD	F4		37A		
02195		XA320	77		XA218	48		16B	9			AD03B2	01	DA03TD	01	2	TLD	F1		38B		
06987		XA320	78		XA320	73		16B	9			DAATC0	02	DA00TD	01	2	TLD	F4		38A		
06986		XA320	79		XA320	78		16B	9			DAATC0	01	DA03TD	01	1	TLD	F1		39B		
07070		XA320	80								J	DA00TD	01	DA00TD	00	1	TLD	F4		39A	DB00DB BUSS	
07273		XA320	80		XA321	80		16B	9		P	DA00TD	07	DB00DB	11	1	TLD	F4		39A	TEXCLUSIVE OR TO B	
08523		XA321	01		XA322	01		16B	9		P	DM305D	04	DB30DB	23	1	TLD	A2		02B		
08797		XA321	01								J	DM305D	01	DM305D	00	1	TLD	A2		02B	DB30DB BUSS	
11341		XA321	02									GND	01	GND			TLD			01A		
12798		XA321	03					16B	9			MA0040	09	DM295D	01	1	TLD	A3		02A		
12956		XA321	04					16B	9			MA148P	07	DM305D	01	1	TLD	A2		04A		
CONNECTOR XA321 CONTINUED ON THE NEXT PAGE ****																						

DRAWING NUMBER 149012-880 CONNECTOR UNIT ASSEMBLY NAME CARD CAGE ASSY, CPU L.H. UNIT ASSEMBLY NO. 149012 REV E INDEX XA321 FILE IDENT T39B2CP1 DATE 09-03-82 PAGE 210

RECORD NUMBER	FROM				TO				WIRE				SIGNAL	SEQ NO	EQUATION	TERM	FACTOR	CKT OR CHIP TYPE	QUANT	LOAD OR POWER PLANE	TEST POINTS AND SP	SIGNAL DESCRIPTION	ECO NO
	PREFIX	CONNECTOR	PIN	DR	PREFIX	CONNECTOR	PIN	DR	MULTI GROUP	CODE	COLOR	IDENT											
12797		XA321	05		XA321	03				16B	9		MA0040	08	DM3050	01	2	TLD	A2		03B		
08583		XA321	06		XA322	06				16B	9	P	DM3150	04	DB310B	23	1	TLD	A1		05A		
08804		XA321	06									J	DM3150	01	DM3150	00	1	TLD	A1		05A	DB310B BUSS	
12943		XA321	07							16B	9		MA13BP	07	DM2950	01	2	TLD	A3		03A		
12795		XA321	08		XA321	11				16B	9		MA0040	06	DM3150	01	2	TLD	A1		06A		
08463		XA321	09		XA322	09				16B	9	P	DM2950	04	DB290B	23	1	TLD	A3		04B		
08790		XA321	09									J	DM2950	01	DM2950	00	1	TLD	A3		04B	DB290B BUSS	
12964		XA321	10		XA419	62				16B	9		MA15BP	02	DM3150	01	1	TLD	A1		07A		
12796		XA321	11		XA321	05				16B	9		MA0040	07	DM2850	01	1	TLD	A4		05B		
00479		XA321	12										+5V	01				TLD					
12920		XA321	13		XA425	46				16B	9		MA12BP	02	DM2850	01	2	TLD	A4		06B		
08286		XA321	14		XA322	14				16B	9	P	DM2650	04	DB260B	22	1	TLD	B2		09A		
08769		XA321	14									J	DM2650	01	DM2650	00	1	TLD	B2		09A	DB260B BUSS	
08403		XA321	15		XA421	71				16B	9	P	DM2850	04	DB280B	23	1	TLD	A4		07B		002
08783		XA321	15									J	DM2850	01	DM2850	00	1	TLD	A4		07B	DB280B BUSS	
22669		XA321	16										GND		GROUND			TLD			01B		
12794		XA321	17		XA321	08				16B	9		MA0040	05	DM2550	01	1	TLD	B3		08B		
12793		XA321	18		XA321	17				16B	9		MA0040	04	DM2650	01	2	TLD	B2		10A		
12897		XA321	19							16B	9		MA09BP	03	DM2550	01	2	TLD	B3		09B		
12903		XA321	20							16B	9		MA10BP	04	DM2650	01	1	TLD	B2		11A		
08232		XA321	21		XA322	21				16B	9	P	DM2550	04	DB250B	20	1	TLD	B3		10B		
08762		XA321	21									J	DM2550	01	DM2550	00	1	TLD	B3		10B	DB250B BUSS	
08340		XA321	22		XA322	22				16B	9	P	DM2750	04	DB270B	22	1	TLD	B1		12A		
08776		XA321	22									J	DM2750	01	DM2750	00	1	TLD	B1		12A	DB270B BUSS	
12792		XA321	23		XA321	18				16B	9		MA0040	03	DM2450	01	1	TLD	B4		11B		
12791		XA321	24		XA321	23				16B	9		MA0040	02	DM2750	01	2	TLD	B1		13A		
12887		XA321	25							16B	9		MA08BP	03	DM2450	01	2	TLD	B4		12B		
12909		XA321	26		XA528	18				16B	9		MA11BP	02	DM2750	01	1	TLD	B1		14A		
08176		XA321	27		XA421	77				16B	9	P	DM2450	04	DB240B	21	1	TLD	B4		13B		002
08755		XA321	27									J	DM2450	01	DM2450	00	1	TLD	B4		13B	DB240B BUSS	
00480		XA321	28										+5V	01				TLD					
10323		XA321	29		XA319	23				16B	9		DTTDGO	03	DT21AD	01	1	TLD	C3		14B		
08074		XA321	30		XA322	30				16B	9	P	DT22AD	02	DB220B	07	1	TLD	C2		15A		
10356		XA321	30									J	DT22AD	01	DT22AD	00	1	TLD	C2		15A	DB220B BUSS	
20884		XA321	31		XA313	57				16B	9		TB21C0	01	DT21AD	01	2	TLD	C3		15B		
22670		XA321	32										GND		GROUND			TLD			21B		
08024		XA321	33		XA322	33				16B	9	P	DT21AD	02	DB210B	07	1	TLD	C3		16B		
10355		XA321	33									J	DT21AD	01	DT21AD	00	1	TLD	C3		16B	DB210B BUSS	
20892		XA321	34		XA313	60				16B	9		TB22C0	01	DT22AD	01	2	TLD	C2		16A		
20876		XA321	35		XA313	63				16B	9		TB20C0	01	DT20AD	01	1	TLD	C4		17B		
10322		XA321	36		XA321	29				16B	9		DTTDGO	02	DT22AD	01	1	TLD	C2		17A		
10319		XA321	37		XA312	14				16B	9		DTTDF0	05	DT20AD	01	2	TLD	C4		18B		
08124		XA321	38		XA322	38				16B	9	P	DT23AD	02	DB230B	07	1	TLD	C1		18A		
10357		XA321	38									J	DT23AD	01	DT23AD	00	1	TLD	C1		18A	DB230B BUSS	
07972		XA321	39		XA421	62				16B	9	P	DT20AD	02	DB200B	07	1	TLD	C4		19B		002
10354		XA321	39									J	DT20AD	01	DT20AD	00	1	TLD	C4		19B	DB200B BUSS	
10321		XA321	40		XA321	36				16B	9		DTTDGO	01	DT23AD	01	2	TLD	C1		19A		
10318		XA321	41		XA321	37				16B	9		DTTDF0	04	DT17AD	01	1	TLD	D3		22B		
20900		XA321	42		XA313	66				16B	9		TB23C0	01	DT23AD	01	1	TLD	C1		20A		
20852		XA321	43		XA313	69				16B	9		TR17C0	01	DT17AD	01	2	TLD	D3		23B		
CONNECTOR		XA321	CONTINUED ON THE NEXT PAGE ***																				

DRAWING NUMBER 149012-880 CONNECTOR UNIT ASSEMBLY NO. 149012 REV E INDEX XA321
 UNIT ASSEMBLY NAME CARD CAGE ASSY, CPU L.H. FILE IDENT T39B2CP1 DATE 09-03-82 PAGE 211

RECORD NUMBER	FROM				TO				WIRE				SPEC. WIRE	SIGNAL	SEC NO	EQUATION	TERM	FACTOR	CKT OR CHIP TYPE	LOAD OR POWER PLANE	TEST POINTS AND/OR ANNOTATION	SIGNAL DESCRIPTION	CCO NO
	PREFIX	CONNECTOR	PIN	REF	PREFIX	CONNECTOR	PIN	REF	MULTI GROUP	CODE	COLOR	IDENT											
22671		XA321	44										GND		GROUND			TLD			27A		
07830		XA321	45		XA326	45			16B	9		P	DT17AD	02	DB17DB	05	1	TLD	D3		24B		
10351		XA321	45									J	DT17AD	01	DT17AD	00	1	TLD	D3		24B	DB17DB BUSS	
07876		XA321	46		XA322	46			16B	9		P	DT18AD	02	DB18DB	06	1	TLD	D2		21A		
10352		XA321	46									J	DT18AD	01	DT18AD	00	1	TLD	D2		21A	DB18DB BUSS	
10316		XA321	47		XA321	48			16B	9			DTTDF0	02	DT16AD	01	1	TLD	D4		25B		
10317		XA321	48		XA321	41			16B	9			DTTDF0	03	DT18AD	01	2	TLD	D2		22A		
20844		XA321	49		XA313	80			16B	9			TB16C0	01	DT16AD	01	2	TLD	D4		26B		
20860		XA321	50		XA313	72			16B	9			TB18C0	01	DT18AD	01	1	TLD	D2		23A		
07784		XA321	51		XA421	68			16B	9		P	DT16AD	02	DB16DB	06	1	TLD	D4		27B		D02
10350		XA321	51									J	DT16AD	01	DT16AD	00	1	TLD	D4		27B	DB16DB BUSS	
07924		XA321	52		XA322	52			16B	9		P	DT19AD	02	DB19DB	06	1	TLD	D1		24A		
10353		XA321	52									J	DT19AD	01	DT19AD	00	1	TLD	D1		24A	DB19DB BUSS	
06948		XA321	53		XA226	14			16B	9			DAAQCO	06	DA05QD	01	1	TLD	E3		28B		
10315		XA321	54		XA321	47			16B	9			DTTDF0	01	DT19AD	01	2	TLD	D1		25A		
04033		XA321	55		XA129	61			16B	9			AQ05BQ	01	DA05QD	01	2	TLD	E3		29B		
20868		XA321	56		XA313	75			16B	9			TB19C0	01	DT19AD	01	1	TLD	D1		26A		
07099		XA321	57									J	DA05QD	01	DA05QD	00	1	TLD	E3		30B	DB05DB BUSS	
07422		XA321	57		XA322	57			16B	9		P	DA05QD	08	DB05DB	10	1	TLD	E3		30B	TAQ REG. TO BUS -	
22672		XA321	58										GND		GROUND			TLD			40A		
06947		XA321	59		XA321	53			16B	9			DAAQCO	05	DA04QD	01	1	TLD	E4		31B		
07105		XA321	60									J	DA06QD	01	DA06QD	00	1	TLD	E2		28A	DB06DB BUSS	
07454		XA321	60		XA322	60			16B	9		P	DA06QD	08	DB06DB	10	1	TLD	E2		28A	TAQ REG. TO BUS -	
04017		XA321	61		XA129	72			16B	9			AQ04BQ	01	DA04QD	01	2	TLD	E4		32B		
04049		XA321	62		XA129	78			16B	9			AQ06BQ	01	DA06QD	01	2	TLD	E2		29A		
07093		XA321	63									J	DA04QD	01	DA04QD	00	1	TLD	E4		33B	DB04DB BUSS	
07392		XA321	63		XA322	63			16B	9		P	DA04QD	08	DB04DB	10	1	TLD	E4		33B	TAQ REG. TO BUS -	
06955		XA321	64		XA321	68			16B	9			DAAQCO	06	DA06QD	01	1	TLD	E2		30A		
06946		XA321	65		XA321	59			16B	9			DAAQCO	04	DA01QD	01	1	TLD	F3		34B		
07111		XA321	66									J	DA07QD	01	DA07QD	00	1	TLD	E1		31A	DB07DB BUSS	
07488		XA321	66		XA322	66			16B	9		P	DA07QD	08	DB07DB	10	1	TLD	E1		31A	TAQ REG. TO BUS -	
03981		XA321	67										GND		GROUND			TLD					
06956		XA321	68		XA226	30			16B	9			DAAQCO	07	DA07QD	01	2	TLD	F1		32A		
07075		XA321	69									J	DA01QD	01	DA01QD	00	1	TLD	F3		35A	DB01DB BUSS	
07304		XA321	69		XA322	69			16B	9		P	DA01QD	08	DB01DB	10	1	TLD	F3		35A	TAQ REG. TO BUS -	
04065		XA321	70		XA118	43			16B	9			AQ07BQ	01	DA07QD	01	1	TLD	E1		33A		
03985		XA321	71		XA129	46			16B	9			AQ02BQ	01	DA02QD	01	2	TLD	F2		36A		
07081		XA321	72									J	DA02QD	01	DA02QD	00	1	TLD	F2		34A	DB02DB BUSS	
07334		XA321	72		XA322	72			16B	9		P	DA02QD	08	DB02DB	10	1	TLD	F2		34A	TAQ REG. TO BUS -	
06945		XA321	73		XA321	65			16B	9			DAAQCO	03	DA02QD	01	1	TLD	F2		36B		
03969		XA321	74		XA129	30			16B	9			AQ01BQ	01	DA01QD	01	2	TLD	F3		35B		
07087		XA321	75									J	DA03QD	01	CA03QD	00	1	TLD	F1		37B	DB03DB BUSS	
07364		XA321	75		XA322	75			16B	9		P	DA03QD	08	DB03DB	10	1	TLD	F1		37B	TAQ REG. TO BUS -	
03941		XA321	76										AQ03BQ	05	DA03QD	01	1	TLD	F4		37A		
04001		XA321	77		XA129	60			16B	9			AQ03BQ	01	DA03QD	01	2	TLD	F1		38B		
06944		XA321	78		XA321	73			16B	9			DAAQCO	02	DA00QD	01	2	TLD	F4		38A		
06943		XA321	79		XA321	78			16B	9			DAAQCO	01	DA03QD	01	1	TLD	F1		39B		
07069		XA321	80									J	DA03QD	01	DA03QD	00	1	TLD	F4		39A	DB03DB BUSS	
07274		XA321	80		XA322	80			16B	9		P	DA03QD	08	DB03DB	10	1	TLD	F4		39A	TAQ REG. TO BUS -	

DRAWING NUMBER 149012-880 CONNECTOR UNIT ASSEMBLY NO. 149012 REV E INDEX XA322
 UNIT ASSEMBLY NAME CARD CAGE ASSY, CPU L.H. FILE IDENT T39B2CP1 DATE 09-03-82 PAGE 212

RECORD NUMBER	FROM				TO				WIRE				SIGNAL	SEQ NO	EQUATION	TERM	FACTOR	CKT OR CHIP TYPE	GROUP	LVL OR POWER PLANE	TEST POINTS AND/OR	SIGNAL DESCRIPTION	ECO NO
	PREFIX	CONNECTOR	PIN	ENFG	PREFIX	CONNECTOR	PIN	ENFG	MULTI GROUP	CODE	COLOR	IDENT											
08524		XA322	01		XA323	01			16B	9			P	DM304D	05	DB30DB	22	1	TLD	A2	02B		
08796		XA322	01										J	DM304D	01	DM304D	00	1	TLD	A2	02B	DB30DB BUSS	
15994		XA322	02											GND		GROUND			TLD		01A		
13948		XA322	03						16b	9				MD0360	09	DM294D	01	1	TLD	A3	02A		
15984		XA322	04						16B	9				MYA300	02	DM304D	01	1	TLD	A2	04A		
13947		XA322	05		XA322	03			16B	9				MD0360	08	DM304D	01	2	TLD	A2	03B		
08584		XA322	06		XA323	06			16B	9			P	DM314D	05	DB31DB	22	1	TLD	A1	05A		
08803		XA322	06										J	DM314D	01	DM314D	00	1	TLD	A1	05A	DB31DB BUSS	
15972		XA322	07						16B	9				MYA290	02	DM294D	01	2	TLD	A3	03A		
13945		XA322	08		XA322	11			16B	9				MD0360	06	DM314D	01	2	TLD	A1	06A		
08464		XA322	09		XA422	71			16B	9			P	DM294D	05	DB29DB	22	1	TLD	A3	04B		002
08789		XA322	09										J	DM294D	01	DM294D	00	1	TLD	A3	04B	DB29DB BUSS	
23342		XA322	10						16B	9				MYA310	02	DM314D	01	1	TLD	A1	07A		
13946		XA322	11		XA322	05			16B	9				MD0360	07	DM284D	01	1	TLD	A4	05B		
00481		XA322	12											+5V	01				TLD				
15960		XA322	13						16B	9				MYA280	02	DM284D	01	2	TLD	A4	06B		
08287		XA322	14		XA323	14			16B	9			P	DM264D	05	DB26DB	21	1	TLD	B2	09A		
08768		XA322	14										J	DM264D	01	DM264D	00	1	TLD	B2	09A	DB26DB BUSS	
08404		XA322	15		XA323	15			16B	9			P	DM284D	05	DB28DB	22	1	TLD	A4	07B		
08782		XA322	15										J	DM284D	01	DM284D	00	1	TLD	A4	07B	DB28DB BUSS	
15958		XA322	16											GND		GROUND			TLD		01B		
13944		XA322	17		XA322	08			16B	9				MD0360	05	DM254D	01	1	TLD	B3	08B		
13943		XA322	18		XA322	17			16B	9				MD0360	04	DM264D	01	2	TLD	B2	10A		
15924		XA322	19						16B	9				MYA250	02	DM254D	01	2	TLD	B3	09B		
15936		XA322	20						16B	9				MYA260	02	DM264D	01	1	TLD	B2	11A		
08233		XA322	21		XA422	77			16B	9			P	DM254D	05	DB25DB	19	1	TLD	B3	10B		002
08761		XA322	21										J	DM254D	01	DM254D	00	1	TLD	B3	10B	DB25DB BUSS	
08341		XA322	22		XA323	22			16B	9			P	DM274D	05	DB27DB	21	1	TLD	B1	12A		
08775		XA322	22										J	DM274D	01	DM274D	00	1	TLD	B1	12A	DB27DB BUSS	
13942		XA322	23		XA322	18			16B	9				MD0360	03	DM244D	01	1	TLD	B4	11B		
15948		XA322	24						16B	9				MYA270	02	DM274D	01	2	TLD	B1	13A		
15912		XA322	25						16B	9				MYA240	02	DM244D	01	2	TLD	B4	12B		
13941		XA322	26		XA322	23			16B	9				MD0360	02	DM274D	01	1	TLD	B1	14A		
08177		XA322	27		XA323	27			16B	9			P	DM244D	05	DB24DB	20	1	TLD	B4	13B		
08754		XA322	27										J	DM244D	01	DM244D	00	1	TLD	B4	13B	DB24DB BUSS	
00482		XA322	28											+5V	01				TLD				
13361		XA322	29						16B	9				MC0320	09	DM214D	01	1	TLD	C3	14B		
08075		XA322	30		XA323	30			16B	9			P	DM224D	03	DB22DB	20	1	TLD	C2	15A		
08744		XA322	30										J	DM224D	01	DM224D	00	1	TLD	C2	15A	DB22DB BUSS	
13084		XA322	31						16B	9				MB05XW	04	DM214D	01	2	TLD	C3	15B		
15946		XA322	32											GND		GROUND			TLD		21B		
08025		XA322	33		XA422	62			16B	9			P	DM214D	03	DB21DB	20	1	TLD	C3	16B		002
08739		XA322	33										J	DM214D	01	DM214D	00	1	TLD	C3	16B	DB21DB BUSS	
13360		XA322	34		XA322	29			16B	9				MC0320	08	DM224D	01	2	TLD	C2	16A		
13359		XA322	35		XA322	34			16B	9				MC0320	07	DM204D	01	1	TLD	C4	17B		
13095		XA322	36						16B	9				MB06XW	04	DM224D	01	1	TLD	C2	17A		
13073		XA322	37						16B	9				MB04XW	04	DM204D	01	2	TLD	C4	18B		
08125		XA322	38		XA323	38			16B	9			P	DM234D	03	DB23DB	20	1	TLD	C1	18A		
08749		XA322	38										J	DM234D	01	DM234D	00	1	TLD	C1	18A	DB23DB BUSS	
07973		XA322	39		XA323	39			16B	9			P	DM204D	03	DB20DB	20	1	TLD	C4	19B		
CONNECTOR (XA322) CONTINUED ON THE NEXT PAGE ****																							

DRAWING NUMBER 149012-880 CONNECTOR UNIT ASSEMBLY NO. 149012 REV E INDEX XA322
 UNIT ASSEMBLY NAME CARD CAGE ASSY, CPU L.H. FILE IDENT T39B2CP1 DATE 09-03-82 PAGE 213

RECORD NUMBER	FROM				TO				WIRE				SIGNAL	SEQ NO	EQUATION	TERM	FACTOR	CKT OR CHIP TYPE	GROUP	LOAD OR POWER LINE	TEST POINTS AND/OR	SIGNAL DESCRIPTION	ECO NO
	PREFIX	CONNECTOR	PIN	SHEG	PREFIX	CONNECTOR	PIN	SHEG	MULTI GROUP	CODE	COLOR	IDENT											
08734		XA322	39										J	DM204D	01	DM204D	00	1	TLD	C4	19B	DB20DB BUSS	
13358		XA322	40		XA322	35				16B	9		J	MC0320	06	DM234D	01	2	TLD	C1	19A		
13357		XA322	41		XA322	40				16B	9		J	MC0320	05	DM174D	01	1	TLD	D3	22B		
13106		XA322	42							16B	9		J	M807XW	04	DM234D	01	1	TLD	C1	20A		
13030		XA322	43		XA429	11				16B	9		J	M801XW	01	DM174D	01	2	TLD	D3	23B		
11342		XA322	44										J	GND	01	GROUND	01	1	TLD		27A		
07832		XA322	45		XA422	68				16B	9		J	DM174D	04	DB17DB	18	1	TLD	D3	24B		002
08719		XA322	45										J	DM174D	01	DM174D	00	1	TLD	D3	24B	DB17DB BUSS	
07877		XA322	46		XA323	46				16B	9		J	DM184D	03	DB18DB	19	1	TLD	D2	21A		
08724		XA322	46										J	DM184D	01	DM184D	00	1	TLD	D2	21A	DB18DB BUSS	
13355		XA322	47		XA322	48				16B	9		J	MC0320	03	DM164D	01	1	TLD	D4	25B		
13356		XA322	48		XA322	41				16B	9		J	MC0320	04	DM184D	01	2	TLD	D2	22A		
12996		XA322	49		XA428	11				16B	9		J	M803XW	02	DM164D	01	2	TLD	D4	26B		
13045		XA322	50							16B	9		J	M802XW	04	DM184D	01	1	TLD	D2	23A		
07785		XA322	51		XA323	51				16B	9		J	DM164D	03	DB16DB	19	1	TLD	D4	27B		
08714		XA322	51										J	DM164D	01	DM164D	00	1	TLD	D4	27B	DB16DB BUSS	
07923		XA322	52		XA323	52				16B	9		J	DM194D	03	DB19DB	19	1	TLD	D1	24A		
08729		XA322	52										J	DM194D	01	DM194D	00	1	TLD	D1	24A	DB19DB BUSS	
02246		XA322	53		XA221	45				16B	9		J	ADJ586	01	DA05GD	01	1	TLD	E3	28B		
13060		XA322	54							16B	9		J	M803XW	04	DM194D	01	2	TLD	D1	25A		
06894		XA322	55		XA226	22				16B	9		J	DAAGC0	06	DA05GD	01	2	TLD	E3	29B		
13354		XA322	56		XA322	47				16B	9		J	MC0320	02	DM194D	01	1	TLD	D1	26A		
07098		XA322	57										J	DA05GD	01	DA05GD	00	1	TLD	E3	30B	DB05DB BUSS	
07423		XA322	57		XA323	57				16B	9		J	DA05GD	09	DB05DB	09	1	TLD	E3	30B	TLGCL AND TO BUS -	
04045		XA322	58										J	GND		GROUND			TLD		40A		
06893		XA322	59		XA322	55				16B	9		J	DAAGC0	05	DA04GD	01	1	TLD	E4	31B		
07104		XA322	60										J	DA06GD	01	DA06GD	00	1	TLD	E2	28A	DB06DB BUSS	
07455		XA322	60		XA323	60				16B	9		J	DA06GD	09	DB06DB	09	1	TLD	E2	28A	TLGCL AND TO BUS -	
02221		XA322	61		XA220	14				16B	9		J	AD0486	01	DA04GD	01	2	TLD	E4	32B		
02267		XA322	62		XA221	47				16B	9		J	AD0686	01	DA06GD	01	2	TLD	E2	29A		
07092		XA322	63										J	DA04GD	01	DA04GD	00	1	TLD	E4	33B	DB04DB BUSS	
07393		XA322	63		XA323	63				16B	9		J	DA04GD	09	DB04DB	09	1	TLD	E4	33B	TLGCL AND TO BUS -	
06901		XA322	64		XA322	68				16B	9		J	DAAGD0	06	DA06GD	01	1	TLD	E2	30A		
06892		XA322	65		XA322	59				16B	9		J	DAAGC0	04	DA01GD	01	1	TLD	F3	34B		
07110		XA322	66										J	DA07GD	01	DA07GD	00	1	TLD	E1	31A	DB07DB BUSS	
07489		XA322	66		XA323	66				16B	9		J	DA07GD	09	DB07DB	09	1	TLD	E1	31A	TLGCL AND TO BUS -	
22673		XA322	67										J	GND		GROUND			TLD				
06902		XA322	68		XA226	38				16B	9		J	DAAGD0	07	DA07GD	01	2	TLD	E1	32A		
07074		XA322	69										J	DA01GD	01	DA01GD	00	1	TLD	F3	35A	DB01DB BUSS	
07305		XA322	69		XA323	69				16B	9		J	DA01GD	09	DB01DB	09	1	TLD	F3	35A	TLGCL AND TO BUS -	
02300		XA322	70		XA221	51				16B	9		J	AD07G0	01	DA07GD	01	1	TLD	E1	33A		
02176		XA322	71		XA219	47				16B	9		J	AD02B6	01	DA02GD	01	2	TLD	F2	36A		
07080		XA322	72										J	DA02GD	01	DA02GD	00	1	TLD	F2	34A	DB02DB BUSS	
07335		XA322	72		XA323	72				16B	9		J	DA02GD	09	DB02DB	09	1	TLD	F2	34A	TLGCL AND TO BUS -	
06891		XA322	73		XA322	65				16B	9		J	DAAGC0	03	DA02GD	01	1	TLD	F2	36B		
02139		XA322	74		XA219	45				16B	9		J	AD0186	01	DA01GD	01	2	TLD	F3	35B		
07086		XA322	75										J	DA03GD	01	DA03GD	00	1	TLD	F1	37B	DB03DB BUSS	
07365		XA322	75		XA323	75				16B	9		J	DA03GD	09	DB03DB	09	1	TLD	F1	37B	TLGCL AND TO BUS -	
02106		XA322	76		XA221	17				16B	9		J	ADJ0G0	01	DA00GD	01	1	TLD	F4	37A		
02212		XA322	77		XA225	30				16B	9		J	ADJ3G0	01	DA03GD	01	2	TLD	F1	38B		
CONNECTOR (XA322) CONTINUED ON THE NEXT PAGE ****																							

DRAWING NUMBER 149012-880 CONNECTOR UNIT ASSEMBLY NO. 149012 REV E INDEX XA322
 UNIT ASSEMBLY NAME CARD CAGE ASSY, CPU L.H. FILE IDENT T39B2CP1 DATE 09-03-82 PAGE 214

RECORD NUMBER	FROM			SH FG	TO			SH FG	WIRE			SFC INST MISC	SIGNAL	SEQ 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		CODE	COLOR	IDENT												
08791		XA320	09									J	DM296D	01	DM296D	00	1	TLD	A3		04B	DB290B BUSS	
13208		XA320	10					16B	9				MB15XW	04	DM316D	01	1	TLD	A1		07A		
13370		XA320	11		XA320	05		16B	9				MC0330	07	DM286D	01	1	TLD	A4		09B		
00477		XA320	12										+5V	01				TLD					
13172		XA320	13					16B	9				MB12XW	04	DM286D	01	2	TLD	A4		06B		
08285		XA320	14		XA321	14		16B	9			P	DM266D	03	DB260B	23	1	TLD	B2		09A	DB260B BUSS	
08770		XA320	14									J	DM266D	01	DM266D	00	1	TLD	B2		09A	DB260B BUSS	
08402		XA320	15		XA321	15		16B	9			J	DM286D	03	DB280B	24	1	TLD	A4		07B		
08784		XA320	15									P	DM286D	01	DM286D	00	1	TLD	A4		07B	DB280B BUSS	
13363		XA320	16										GND		GROUND			TLD			01B		
13368		XA320	17		XA320	08		16B	9				MC0330	05	DM256D	01	1	TLD	R3		08B		
13367		XA320	18		XA320	17		16B	9				MC0330	04	DM266D	01	2	TLD	B2		10A		
13130		XA320	19					16B	9				MB09XW	04	DM256D	01	2	TLD	B3		09B		
13142		XA320	20					16B	9				MB10XW	04	DM266D	01	1	TLD	B2		11A		
08231		XA320	21		XA321	21		16B	9			P	DM256D	03	DB250B	21	1	TLD	B3		10B		
08763		XA320	21									J	DM256D	01	DM256D	00	1	TLD	B3		10B	DB250B BUSS	
08339		XA320	22		XA321	22		16B	9			P	DM276D	03	DB270B	23	1	TLD	B1		12A		
08777		XA320	22									J	DM276D	01	DM276D	00	1	TLD	B1		12A	DB270B BUSS	
13366		XA320	23		XA320	18		16B	9				MC0330	03	DM246D	01	1	TLD	B4		11B		
13158		XA320	24					16B	9				MB11XW	04	DM276D	01	2	TLD	B1		13A		
13117		XA320	25					16B	9				MB08XW	04	DM246D	01	2	TLD	B4		12B		
13365		XA320	26		XA320	23		16B	9				MC0330	02	DM276D	01	1	TLD	B1		14A		
08175		XA320	27		XA321	27		16B	9			P	DM246D	03	DB240B	22	1	TLD	B4		13B		
08756		XA320	27									J	DM246D	01	DM246D	00	1	TLD	B4		13B	DB240B BUSS	
00478		XA320	28										+5V	01				TLD					
05552		XA320	29		XA137	59		16B	9				AY298P	01	AB291D	01	1	TLD	C3		14B		
00956		XA320	30		XA222	63		16B	9			P	AB301D	03	AB300B	01	1	TLD	C2		15A	AY 30 TO ADDER A	
00958		XA320	30									J	AB301D	01	AB301D	00	1	TLD	C2		15A	AB300B BUSS	
03059		XA320	31		XA116	57		16B	9				AKYCHP	04	AB291D	01	2	TLD	C3		15B		
05550		XA320	32										GND		GROUND			TLD			21B		
00950		XA320	33		XA222	62		16B	9			P	AB291D	03	AB290B	01	1	TLD	C3		16B	AY 29 TO ADDER A	
00952		XA320	33									J	AB291D	01	AB291D	00	1	TLD	C3		16B	AB290B BUSS	
05572		XA320	34		XA137	57		16B	9				AY308P	01	AB301D	01	2	TLD	C2		16A		
05532		XA320	35		XA137	45		16B	9				AY288P	01	AB281D	01	1	TLD	C4		17B		
03058		XA320	36		XA320	31		16B	9				AKYCHP	03	AB301D	01	1	TLD	C2		17A		
03057		XA320	37		XA320	36		16B	9				AKYCHP	02	AB281D	01	2	TLD	C4		18B		
00964		XA320	38					16B	9			P	AB311D	05	AB310B	01	1	TLD	C1		18A	AY 31 TO ADDER A	
00965		XA320	38									J	AB311D	01	AB311D	00	1	TLD	C1		18A	AB310B BUSS	
00945		XA320	39					16B	9			P	AB281D	05	AB280B	01	1	TLD	C4		19B	AY 28 TO ADDER A	
00946		XA320	39									J	AB281D	01	AB281D	00	1	TLD	C4		19B	AB280B BUSS	
05592		XA320	40		XA137	76		16B	9				AY318P	01	AB311D	01	2	TLD	C1		19A		
05465		XA320	41		XA235	74		16B	9				AY258P	01	AB251D	01	1	TLD	O3		22B		
03056		XA320	42		XA320	37		16B	9				AKYCHP	01	AB311D	01	1	TLD	C1		20A		
03049		XA320	43		XA318	08		16B	9				AKYCGP	04	AB251D	01	2	TLD	O3		23B		
05570		XA320	44										GND		GROUND			TLD			27A		
00924		XA320	45		XA222	53		16B	9			P	AB251D	03	AB250B	01	1	TLD	O3		24B	AY 25 TO ADDER A	
00926		XA320	45									J	AB251D	01	AB251D	00	1	TLD	O3		24B	AB250B BUSS	
00930		XA320	46		XA222	55		16B	9			P	AB261D	03	AB260B	01	1	TLD	O2		21A	AY 26 TO ADDER A	
00932		XA320	46									J	AB261D	01	AB261D	00	1	TLD	O2		21A	AB260B BUSS	
05445		XA320	47		XA228	78		16B	9				AY248P	01	AB241D	01	1	TLD	O4		25B		
CONNECTOR (XA320) CONTINUED ON THE NEXT PAGE ****																							

DRAWING NUMBER 149012-880 CONNECTOR UNIT ASSEMBLY NO. 149012 REV E INDEX XA323
 UNIT ASSEMBLY NAME CARD CAGE ASSY, CPU L.H. FILE IDENT T39B2CP1 DATE 09-03-82 PAGE 215

RECORD NUMBER	FROM			TO			WIRE				SPEC. INST. MISC.	SIGNAL	SFC NO.	EQUATION	TERM.	FACTOR	CKT OR CHIP TYPE	GROUP	LOAD OR POWER PLANE	PES POINTS AND/OR	SIGNAL DESCRIPTION	ECO NO.
	PREFIX	CONNECTOR	PIN	PREFIX	CONNECTOR	PIN	MULTI-GROUP	CODE	COLOR	IDENT												
12785		XA323	35								MA0030	07	DM2030	01	1	TLD	C4		17B			
12877		XA323	36		XA323	34					MA06BP	03	DM223D	01	1	TLD	C2		17A			
12862		XA323	37								MA04BP	03	DM2030	01	2	TLD	C4		18B			
08126		XA323	38		XA324	38					DM233D	04	DB23DB	19	1	TLD	C1		18A			
08748		XA323	38								DM233D	01	DM2330	00	1	TLD	C1		18A	DB23DB BUSS		
07974		XA323	39		XA324	39					DM2030	04	DB20DB	19	1	TLD	C4		19B			
08733		XA323	39								DM2030	01	DM2030	00	1	TLD	C4		19B	DB20DB BUSS		
12784		XA323	40		XA323	35					MA0030	06	DM2330	01	2	TLD	C1		19A			
12783		XA323	41		XA323	40					MA0030	05	DM173D	01	1	TLD	C3		22B			
12882		XA323	42								MA078P	03	DM2330	01	1	TLD	C1		20A			
12821		XA323	43		XA425	05					MA018P	02	DM173D	01	2	TLD	C3		23B			
11345		XA323	44								GND	01	GROUND			TLD			27A			
08733		XA323	45		XA324	45					DM173D	05	DB17DB	17	1	TLD	D3		24B			
08718		XA323	45								DM173D	01	DM1730	00	1	TLD	D3		24B	DB17DB BUSS		
08787		XA323	46		XA423	68					DM183D	04	DB18DB	18	1	TLD	D2		21A		002	
08723		XA323	46								DM183D	01	DM1830	00	1	TLD	D2		21A	DB18DB BUSS		
12781		XA323	47		XA323	48					MA0030	03	DM163D	01	1	TLD	D4		25B			
12782		XA323	48		XA323	41					MA0030	04	DM1830	01	2	TLD	D2		22A			
12753		XA323	49		XA425	11					MA00BP	02	DM163D	01	2	TLD	D4		26B			
12835		XA323	50		XA425	29					MA02BP	02	DM1830	01	1	TLD	D2		23A			
07786		XA323	51		XA324	51					DM163D	04	DB16DB	18	1	TLD	D4		27B			
08713		XA323	51								DM163D	01	DM1630	00	1	TLD	D4		27B	DB16DB BUSS		
07926		XA323	52		XA324	52					DM193D	04	DB19DB	18	1	TLD	D1		24A			
08728		XA323	52								DM193D	01	DM1930	00	1	TLD	D1		24A	DB19DB BUSS		
06851		XA323	53		XA226	15					DAADC0	06	DA05DD	01	1	TLD	E3		28B			
12780		XA323	54		XA323	47					MA0030	02	DM193D	01	2	TLD	D1		25A			
02240		XA323	55								AD05B4	05	DA05DD	01	2	TLD	E3		29B			
12849		XA323	56		XA425	21					MA03BP	02	DM1930	01	1	TLD	D1		26A			
07097		XA323	57								DA05DD	01	DA05DD	00	1	TLD	E3		30B	DB05DB BUSS		
07424		XA323	57		XA324	57					DA05DD	10	DB05DB	08	1	TLD	E3		30B	TADDER TO BUS - 05		
11346		XA323	58								GND	01	GROUND			TLD			40A			
06850		XA323	59		XA323	53					DAADC0	05	DA04DD	01	1	TLD	E4		31B			
07103		XA323	60								DA06DD	01	DA06DD	00	1	TLD	E2		28A	DB06DB BUSS		
07456		XA323	60		XA324	60					DA06DD	10	DB06DB	08	1	TLD	E2		28A	TADDER TO BUS - 06		
02218		XA323	61								AD04B4	05	DA04DD	01	2	TLD	E4		32B			
02257		XA323	62		XA218	04					AD06B4	02	DA06DD	01	2	TLD	E2		29A			
07091		XA323	63								DA04DD	01	DA04DD	00	1	TLD	E4		33B	DB04DB BUSS		
07394		XA323	63		XA324	63					DA04DD	10	DB04DB	08	1	TLD	E4		33B	TADDER TO BUS - 04		
06859		XA323	64		XA323	68					DAADC0	07	DA06DD	01	1	TLD	E2		30A			
06849		XA323	65		XA323	59					DAADC0	04	DA01DD	01	1	TLD	F3		34B			
07109		XA323	66								DA07DD	01	DA07DD	00	1	TLD	E1		31A	DB07DB BUSS		
07490		XA323	66		XA324	66					DA07DD	10	DB07DB	08	1	TLD	E1		31A	TADDER TO BUS - 07		
02126		XA323	67								GND		GROUND			TLD						
06860		XA323	68								DAADD0	08	DA07DD	01	2	TLD	E1		32A			
07073		XA323	69								DA01DD	01	DA01DD	00	1	TLD	F3		35A	DB01DB BUSS		
07306		XA323	69		XA324	69					DA01DD	10	DB01DB	08	1	TLD	F3		35A	TADDER TO BUS - 01		
02281		XA323	70		XA217	50					AD07B1	02	DA07DD	01	1	TLD	E1		33A			
02167		XA323	71		XA221	36					AD02B4	02	DA02DD	01	2	TLD	F2		36A			
07079		XA323	72								DA02DD	01	DA02DD	00	1	TLD	F2		34A	DB02DB BUSS		
07336		XA323	72		XA324	72					DA02DD	10	DB02DB	08	1	TLD	F2		34A	TADDER TO BUS - 02		
CONNECTOR (XA323) CONTINUED ON THE NEXT PAGE *****																						

DRAWING NUMBER 149012-880 CONNECTOR UNIT ASSEMBLY NO. 149012 REV E INDEX XA323
 UNIT ASSEMBLY NAME CARD CAGE ASSY, CPU L.H. FILE IDENT T39B2CP1 DATE 09-03-82 PAGE 216

RECORD NUMBER	FROM				TO				WIRE				SFC INST MISC	SIGNAL	SEQ NO	EQUATION	TERM	FACTOR	CKT OR CHIP TYPE	GROUP	LOAD OR POWER PLAN	TEST POINTS AND/OR	SIGNAL DESCRIPTION	ECO NO
	PREFIX	CONNECTOR	PIN	SH PC	PREFIX	CONNECTOR	PIN	SH PC	MULTI GROUP	CODE	COLOR	IDENT												
06848		XA323	73		XA323	65				16B	9		DAADC0	03	DA02DD	01	1	TLD	F2		36B			
02130		XA323	74		XA220	04				16B	9		AD01B4	02	DA01DD	01	2	TLD	F3		35B			
07085		XA323	75									J	DA03DD	01	DA03DD	00	1	TLD	F1		37B	DB03DB BUSS		
07366		XA323	75		XA324	75				16B	9		DA03DD	10	DB03DB	08	1	TLD	F1		37B	TADDER TO BUS - 03		
02090		XA323	76		XA219	50				16B	9		AD03B1	02	DA00DD	01	1	TLD	F4		37A			
02191		XA323	77		XA218	50				16B	9		AD03B1	02	DA03DD	01	2	TLD	F1		38B			
06847		XA323	78		XA323	73				16B	9		DAADC0	02	DA00DD	01	2	TLD	F4		38A			
06846		XA323	79		XA323	78				16B	9		DAADC0	01	DA03DD	01	1	TLD	F1		39B			
07067		XA323	80									J	DA00DD	01	DA00DD	00	1	TLD	F4		39A	DB00DB BUSS		
07276		XA323	80		XA324	80				16B	9		DA00DD	10	DB00DB	08	1	TLD	F4		39A	TADDER TO BUS - 00		
08526		XA324	01		XA325	01				16B	9		P	DM302D	07	DB30DB	20	1	TLD	A2	02B			
08794		XA324	01									J	DM302D	01	DM302D	00	1	TLD	A2		02B	DB30DB BUSS		
11347		XA324	02										GND	01	GROUND			TLD			01A			
13837		XA324	03							16B	9		MD0260	09	DM292D	01	1	TLD	A3		02A			
14609		XA324	04		XA325	36				16B	9		MD22BQ	02	DM302D	01	1	TLD	A2		04A			
13836		XA324	05		XA324	03				16B	9		MD0260	08	DM302D	01	2	TLD	A2		03B			
08586		XA324	06		XA424	71				16B	9		P	DM312D	07	DB31DB	20	1	TLD	A1	05A		D02	
08801		XA324	06									J	DM312D	01	DM312D	00	1	TLD	A1		05A	DB31DB BUSS		
14576		XA324	07		XA325	29				16B	9		MD21BQ	02	DM292D	01	2	TLD	A3		03A			
13834		XA324	08		XA324	11				16B	9		MD3260	06	DM312D	01	2	TLD	A1		06A			
08466		XA324	09		XA325	09				16B	9		P	DM292D	07	DB29DB	20	1	TLD	A3	04B			
08787		XA324	09									J	DM292D	01	DM292D	00	1	TLD	A3		04B	DB29DB BUSS		
14642		XA324	10		XA325	42				16B	9		MD23BQ	02	DM312D	01	1	TLD	A1		07A			
13835		XA324	11		XA324	05				16B	9		MD0260	07	DM282D	01	1	TLD	A4		05B			
00485		XA324	12										+5V	01				TLD						
14538		XA324	13		XA325	35				16B	9		MD20BQ	02	DM282D	01	2	TLD	A4		06B			
08289		XA324	14		XA325	14				16B	9		P	DM262D	07	DB26DB	19	1	TLD	B2	09A			
08766		XA324	14									J	DM262D	01	DM262D	00	1	TLD	B2		09A	DB26DB BUSS		
08406		XA324	15		XA325	15				16B	9		P	DM282D	07	DB28DB	20	1	TLD	A4	07B			
08780		XA324	15									J	DM282D	01	DM282D	00	1	TLD	A4		07B	DB28DB BUSS		
11348		XA324	16										GND	01	GROUND			TLD			01B			
13833		XA324	17		XA324	08				16B	9		MD0260	05	DM252D	01	1	TLD	B3		08B			
13832		XA324	18		XA324	17				16B	9		MD0260	04	DM262D	01	2	TLD	B2		10A			
14439		XA324	19		XA325	43				16B	9		MD17BQ	02	DM252D	01	2	TLD	B3		09B			
14472		XA324	20		XA325	50				16B	9		MD18BQ	02	DM252D	01	1	TLD	B2		11A			
08235		XA324	21		XA325	21				16B	9		P	DM252D	07	DB25DB	17	1	TLD	B3	10B			
08759		XA324	21									J	DM252D	01	DM252D	00	1	TLD	B3		13B	DB25DB BUSS		
08343		XA324	22		XA424	77				16B	9		P	DM272D	07	DB27DB	19	1	TLD	B1	12A		D02	
08773		XA324	22									J	DM272D	01	DM272D	00	1	TLD	B1		12A	DB27DB BUSS		
13831		XA324	23		XA324	18				16B	9		MD0260	03	DM242D	01	1	TLD	B4		11B			
13830		XA324	24		XA324	23				16B	9		MD0260	02	DM272D	01	2	TLD	B1		13A			
14401		XA324	25		XA325	47				16B	9		MD16BQ	02	DM242D	01	2	TLD	B4		12B			
14505		XA324	26		XA325	56				16B	9		MD19BQ	02	DM272D	01	1	TLD	B1		14A			
08179		XA324	27		XA325	27				16B	9		P	DM242D	07	DB24DB	18	1	TLD	B4	13B			
08752		XA324	27									J	DM242D	01	DM242D	00	1	TLD	B4		13B	DB24DB BUSS		
00486		XA324	28										+5V	01				TLD						
13928		XA324	29							16B	9		MD0340	09	DM212D	01	1	TLD	C3		14B			
08077		XA324	30		XA325	30				16B	9		P	DM222D	05	DB22DB	18	1	TLD	C2	15A			
CONNECTOR		XA324	CONTINUED ON		THE NEXT PAGE		****																	

DRAWING NUMBER 149012-880 CONNECTOR UNIT ASSEMBLY NO. 149012 REV E INDEX XA324
 UNIT ASSEMBLY NAME CARD CAGE ASSY, CPU L.H. FILE IDENT T39B2CP1 DATE 09-03-82 PAGE 217

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 FE	PREFIX	CONNECTOR	PIN	SH FE	MULTI GROUP	CODE	COLOR	IDENT											
08742		XA324	30										J	DM222D	01	DM222D	00	1	TLD	C2	15A	DB22DB BUSS	
15876		XA324	31						16B	9			J	MYA210	02	DM212D	01	2	TLD	C3	15B		
22675		XA324	32											GND		GROUND			TLD		21B		
08027		XA324	33		XA325	33			16B	9			P	DM212D	05	DB21DB	18	1	TLD	C3	16B		
08737		XA324	33										J	DM212D	01	DM212D	00	1	TLD	C3	16B	DB21DB BUSS	
13927		XA324	34		XA324	29			16B	9				MD0340	08	DM222D	01	2	TLD	C2	16A		
13926		XA324	35		XA324	34			16B	9				MD0340	07	DM202D	01	1	TLD	C4	17B		
15888		XA324	36						16B	9				MYA220	02	DM222D	01	1	TLD	C2	17A		
15864		XA324	37						16B	9				MYA200	02	DM202D	01	2	TLD	C4	18B		
08127		XA324	38		XA424	62			16B	9			P	DM232D	05	DB23DB	18	1	TLD	C1	18A		D02
08747		XA324	38										J	DM232D	01	DM232D	00	1	TLD	C1	18A	DB23DB BUSS	
07975		XA324	39		XA325	39			16B	9			P	DM202D	05	DB20DB	18	1	TLD	C4	19B		
08732		XA324	39										J	DM202D	01	DM202D	00	1	TLD	C4	19B	DB20DB BUSS	
13925		XA324	40		XA324	35			16B	9				MD0340	06	DM232D	01	2	TLD	C1	19A		
13924		XA324	41		XA324	40			16B	9				MD0340	05	DM172D	01	1	TLD	D3	22B		
15900		XA324	42						16B	9				MYA230	02	DM232D	01	1	TLD	C1	20A		
15828		XA324	43						16B	9				MYA170	02	DM172D	01	2	TLD	D3	23B		
15814		XA324	44											GND		GROUND			TLD		27A		
07834		XA324	45		XA325	45			16B	9			P	DM172D	06	DB17DB	16	1	TLD	D3	24B		
08717		XA324	45										J	DM172D	01	DM172D	00	1	TLD	D3	24B	DB17DB BUSS	
07879		XA324	46		XA325	46			16B	9			P	DM182D	05	DB18DB	17	1	TLD	D2	21A		
08722		XA324	46										J	DM182D	01	DM182D	00	1	TLD	D2	21A	DB18DB BUSS	
13922		XA324	47		XA324	48			16B	9				MD0340	03	DM162D	01	1	TLD	D4	25B		
13923		XA324	48		XA324	41			16B	9				MD0340	04	DM182D	01	2	TLD	D2	22A		
15816		XA324	49						16B	9				MYA160	02	DM162D	01	2	TLD	D4	26B		
15840		XA324	50						16B	9				MYA180	02	DM182D	01	1	TLD	D2	23A		
07787		XA324	51		XA325	51			16B	9			P	DM162D	05	DB16DB	17	1	TLD	D4	27B		
08712		XA324	51										J	DM162D	01	DM162D	00	1	TLD	D4	27B	DB16DB BUSS	
07927		XA324	52		XA424	68			16B	9			P	DM192D	05	DB19DB	17	1	TLD	D1	24A		D02
08727		XA324	52										J	DM192D	01	DM192D	00	1	TLD	D1	24A	DB19DB BUSS	
06808		XA324	53		XA226	09			16B	9				DAACCO	06	DA05CD	01	1	TLD	E3	28B		
15852		XA324	54						16B	9				MYA190	02	DM192D	01	2	TLD	D1	25A		
01397		XA324	55						16B	9				AC05BQ	05	DA05CD	01	2	TLD	E3	29B		
13921		XA324	56		XA324	47			16B	9				MD0340	02	DM192D	01	1	TLD	D1	26A		
07096		XA324	57										J	DA05CD	01	DA05CD	00	1	TLD	E3	30B	DB05DB BUSS	
07425		XA324	57		XA337	53			16B	9			P	DA05CD	11	DB05DB	07	1	TLD	E3	30B	TAC REG. TO BUS -	
15850		XA324	58											GND		GROUND			TLD		40A		
06807		XA324	59		XA324	53			16B	9				DAACCO	05	DA04CD	01	1	TLD	E4	31B		
07102		XA324	60										J	DA06CD	01	DA06CD	00	1	TLD	E2	28A	DB06DB BUSS	
07457		XA324	60		XA337	62			16B	9			P	DA06CD	11	DB06DB	07	1	TLD	E2	28A	TAC REG. TO BUS -	
01378		XA324	61						16B	9				AC04BQ	06	DA04CD	01	2	TLD	E4	32B		
01410		XA324	62		XA349	61			16B	9				AC06BQ	01	DA06CD	01	2	TLD	E2	29A		
07090		XA324	63										J	DA04CD	01	DA04CD	00	1	TLD	E4	33B	DB04DB BUSS	
07395		XA324	63		XA337	59			16B	9			P	DA04CD	11	DB04DB	07	1	TLD	E4	33B	TAC REG. TO BUS -	
06817		XA324	64						16B	9				DAACCO	08	DA06CD	01	1	TLD	E2	30A		
06806		XA324	65		XA324	59			16B	9				DAACCO	04	DA01CD	01	1	TLD	F3	34B		
07108		XA324	66										J	DA07CD	01	DA07CD	00	1	TLD	E1	31A	DB07DB BUSS	
07491		XA324	66		XA337	68			16B	9			P	DA07CD	11	DB07DB	07	1	TLD	E1	31A	TAC REG. TO BUS -	
22676		XA324	67											GND		GROUND			TLD				
06816		XA324	68		XA324	64			16B	9				DAACDO	07	DA07CD	01	2	TLD	E1	32A		
CONNECTOR (XA324) CONTINUED ON THE NEXT PAGE ****																							

DRAWING NUMBER 149012-880 CONNECTOR UNIT ASSEMBLY NO. 149012 REV E INDEX XA324
 UNIT ASSEMBLY NAME CARD CAGE ASSY, CPU L.H. FILE IDENT T39B2CP1 DATE 09-03-82 PAGE 218

RECORD NUMBER	FROM				TO				WIRE				SPEC INST. MISC	SIGNAL	SEQ NO	EQUATION	TERM	FACTOR	CKT OR CHIP TYPE	GND#	LOAD OR POWER PLANE	TEST POINTS (AND/OR)	SIGNAL DESCRIPTION	ECO NO
	PREFIX	CONNECTOR	PIN	SH. 22	PREFIX	CONNECTOR	PIN	SH. 22	MULTI GROUP	CODE	COLOR	IDENT												
07072		XA324	69										J	DA01CD	01	DA01CD	00	1	TLD	F3	35A	DB01DB BUSS TAC REG. TO BUS -		
07307		XA324	69		XA337	65			16B	9			P	DA01CD	11	DB01DB	07	1	TLD	F3	35A			
01432		XA324	70						16B	9				AC07BQ	06	DA07CD	01	1	TLD	E1	33A			
01342		XA324	71						16B	9				AC02BQ	07	DA02CD	01	2	TLD	F2	36A			
07078		XA324	72										J	DA02CD	01	DA02CD	00	1	TLD	F2	34A	DB02DB BUSS TAC REG. TO BUS -		
07337		XA324	72		XA337	50			16B	9			P	DA02CD	11	DB02DB	07	1	TLD	F2	34A			
06805		XA324	73		XA324	65			16B	9				DAACCO	03	DA02CD	01	1	TLD	F2	36B			
01314		XA324	74		XA350	66			16B	9				AC01BQ	01	DA01CD	01	2	TLD	F3	35B			
07084		XA324	75										J	DA03CD	01	DA03CD	00	1	TLD	F1	37B	DB03DB BUSS TAC REG. TO BUS -		
07367		XA324	75		XA337	77			16B	9			P	DA03CD	11	DB03DB	07	1	TLD	F1	37B			
01281		XA324	76		XA219	41			16B	9				AC00RQ	02	DA00CD	01	1	TLD	F4	37A			
01360		XA324	77						16B	9				AC03BQ	06	DA03CD	01	2	TLD	F1	38B			
06804		XA324	78		XA324	73			16B	9				DAACCO	02	DA00CD	01	2	TLD	F4	38A			
06803		XA324	79		XA324	78			16B	9				DAACCO	01	DA03CD	01	1	TLD	F1	39B			
07066		XA324	80										J	DA00CD	01	DA00CD	00	1	TLD	F4	39A	DB00DB BUSS TAC REG. TO BUS -		
07277		XA324	80		XA337	49			16B	9			P	DA00CD	11	DB00DB	07	1	TLD	F4	39A			
08527		XA325	01		XA326	01			16B	9			P	DM301D	08	DB30DB	19	1	TLD	A2	02B			
08793		XA325	01										J	DM301D	01	DM301D	00	1	TLD	A2	02B	DB30DB BUSS		
11349		XA325	02											GND	01	GRGND			TLD		01A			
13819		XA325	03						16B	9				MD0240	09	DM291D	01	1	TLD	A3	02A			
14338		XA325	04						16B	9				MD14BQ	05	DM301D	01	1	TLD	A2	04A			
13818		XA325	05		XA325	03			16B	9				MD0240	08	DM301D	01	2	TLD	A2	03B			
08587		XA325	06		XA326	06			16B	9			P	DM311D	08	DB31DB	19	1	TLD	A1	05A	DB31DB BUSS		
08800		XA325	06										J	DM311D	01	DM311D	00	1	TLD	A1	05A			
14306		XA325	07						16B	9				MD13BQ	05	DM291D	01	2	TLD	A3	03A			
13816		XA325	08		XA325	11			16B	9				MD0240	06	DM311D	01	2	TLD	A1	06A			
08467		XA325	09		XA326	09			16B	9			P	DM291D	08	DB29DB	19	1	TLD	A3	04B	DB29DB BUSS		
08786		XA325	09										J	DM291D	01	DM291D	00	1	TLD	A3	04B			
14370		XA325	10						16B	9				MD15BQ	05	DM311D	01	1	TLD	A1	07A			
13817		XA325	11		XA325	05			16B	9				MD0240	07	DM281D	01	1	TLD	A4	05B			
00487		XA325	12											+5V	01				TLD					
14273		XA325	13						16B	9				MD12BQ	05	DM281D	01	2	TLD	A4	06B			
08290		XA325	14		XA326	14			16B	9			P	DM261D	08	DB26DB	18	1	TLD	B2	09A	DB26DB BUSS		
08765		XA325	14										J	DM261D	01	DM261D	00	1	TLD	B2	09A			
06407		XA325	15		XA326	15			16B	9			P	DM281D	08	DB28DB	19	1	TLD	A4	07B	DB28DB BUSS		
08779		XA325	15										J	DM281D	01	DM281D	00	1	TLD	A4	07B			
11350		XA325	16											GND	01	GROUND			TLD		01B			
13815		XA325	17		XA325	08			16B	9				MD0240	05	DM251D	01	1	TLD	B3	08B			
13814		XA325	18		XA325	17			16B	9				MD0240	04	DM261D	01	2	TLD	B2	10A			
14191		XA325	19						16B	9				MD09BQ	05	DM251D	01	2	TLD	B3	09B			
14223		XA325	20						16B	9				MD10BQ	05	DM261D	01	1	TLD	B2	11A			
08236		XA325	21		XA326	21			16B	9			P	DM251D	08	DB25DB	16	1	TLD	B3	10B			
08758		XA325	21											DM251D	01	DM251D	00	1	TLD	B3	10B			
08344		XA325	22		XA326	22			16B	9			J	DM271D	08	DB27DB	18	1	TLD	B1	12A	DB25DB BUSS		
08772		XA325	22										P	DM271D	01	DM271D	00	1	TLD	B3	10B			
13813		XA325	23		XA325	18			16B	9			J	DM271D	01	DM271D	00	1	TLD	B1	12A	DB27DB BUSS		
14253		XA325	24						16B	9				MD0240	03	DM241D	01	1	TLD	B4	11B			
14154		XA325	25						16B	9				MD11BQ	05	DM271D	01	2	TLD	B1	13A			
									16B	9				MD08BQ	05	DM241D	01	2	TLD	B4	12B			
CONNECTOR		XA325	CONTINUED ON THE NEXT PAGE				****																	

DRAWING NUMBER 149012-880 CONNECTOR UNIT ASSEMBLY NO. 149012 REV E INDEX XA325
 UNIT ASSEMBLY NAME CARD CAGE ASSY, CPU L.H. FILE IDENT T39B2CP1 DATE 09-03-82 PAGE 219

RECORD NUMBER	FROM			TO			WIRE				SPEC. INST. A USE	SIGNAL	SEG NO	EQUATION	TERM	FACTOR	CKT OR CHIP TYPE	GROUP	LOAD OR POWER PLANE	TEST POINT'S AND/OR	SIGNAL DESCRIPTION	ECO NO
	PREFIX	CONNECTOR	PIN	PREFIX	CONNECTOR	PIN	MULTI GROUP	CODE	COLOR	IDENT												
13812		XA325	26		XA325	23		16B	9		MD0240	02	DM271D	01	1	TLD	B1		14A			
08180		XA325	27		XA326	27		16B	9		DM241D	08	DB24DB	17	1	TLD	B4		13B			
08751		XA325	27								J DM241D	01	DM241D	00	1	TLD	B4		13B	DB24DB BUSS		
00488		XA325	28								+5V	01				TLD						
14577		XA325	29		XA422	31		16B	9		MD21BQ	03	DM211D	01	1	TLD	C3		14B			
08078		XA325	30		XA326	30		16B	9		DM221D	06	DB22DB	17	1	TLD	C2		15A			
08741		XA325	30								J DM221D	01	DM221D	00	1	TLD	C2		15A	DB22DB BUSS		
13846		XA325	31					16B	9		MD0270	09	DM211D	01	2	TLD	C3		15B			
13810		XA325	32								GND		GROUND			TLD			21B			
08028		XA325	33		XA326	33		16B	9		DM211D	06	DB21DB	17	1	TLD	C3		16B			
08736		XA325	33								J DM211D	01	DM211D	00	1	TLD	C3		16B	DB21DB BUSS		
13845		XA325	34		XA325	31		16B	9		MD0270	08	DM221D	01	2	TLD	C2		16A			
14539		XA325	35		XA421	31		16B	9		MD2JBQ	03	DM201D	01	1	TLD	C4		17B			
14610		XA325	36		XA423	31		16B	9		MD22BQ	03	DM221D	01	1	TLD	C2		17A			
13844		XA325	37		XA325	34		16B	9		MD0270	07	DM231D	01	2	TLD	C4		18B			
08128		XA325	38		XA326	38		16B	9		DM231D	06	DB23DB	17	1	TLD	C1		18A			
08746		XA325	38								J DM231D	01	DM231D	00	1	TLD	C1		18A	DB23DB BUSS		
07976		XA325	39		XA326	39		16B	9		P DM201D	06	DB23DB	17	1	TLD	C4		19B			
08731		XA325	39								J DM201D	01	DM201D	00	1	TLD	C4		19B	DB20DB BUSS		
13843		XA325	40		XA325	37		16B	9		MD0270	06	DM231D	01	2	TLD	C1		19A			
13842		XA325	41		XA325	40		16B	9		MD0270	05	DM171D	01	1	TLD	D3		22B			
14643		XA325	42		XA424	31		16B	9		MD23BQ	03	DM231D	01	1	TLD	C1		20A			
14440		XA325	43		XA422	37		16B	9		MD17BQ	03	DM171D	01	2	TLD	D3		23B			
11351		XA325	44								GND	01	GROUND			TLD			27A			
07835		XA325	45		XA327	45		16B	9		P DM171D	07	DB17DB	15	1	TLD	D3		24B			
08716		XA325	45								J DM171D	01	DM171D	00	1	TLD	D3		24B	DB17DB BUSS		
07880		XA325	46		XA326	46		16B	9		P DM181D	06	DB18DB	16	1	TLD	D2		21A			
08721		XA325	46								J DM181D	01	DM181D	00	1	TLD	D2		21A	DB18DB BUSS		
14402		XA325	47		XA421	37		16B	9		MD16BQ	03	DM161D	01	1	TLD	D4		25B			
13841		XA325	48		XA325	41		16B	9		MD0270	04	DM181D	01	2	TLD	D2		22A			
13840		XA325	49		XA325	48		16B	9		MD0270	03	DM161D	01	2	TLD	D4		26B			
14473		XA325	50		XA423	37		16B	9		MD18BQ	03	DM181D	01	1	TLD	D2		23A			
07758		XA325	51		XA326	51		16B	9		P DM161D	06	DB16DB	16	1	TLD	D4		27B			
08711		XA325	51								J DM161D	01	DM161D	00	1	TLD	D4		27B	DB16DB BUSS		
07928		XA325	52		XA326	52		16B	9		P DM191D	06	DB19DB	16	1	TLD	D1		24A			
08726		XA325	52								J DM191D	01	DM191D	00	1	TLD	D1		24A	DB19DB BUSS		
20820		XA325	53		XA312	33		16B	9		TB13C0	01	DT13AD	01	1	TLD	E3		28B			
13839		XA325	54		XA325	49		16B	9		MD0270	02	DM191D	01	2	TLD	D1		25A			
10313		XA325	55		XA312	22		16B	9		DT19E0	05	DT13AD	01	2	TLD	E3		29B			
14506		XA325	56		XA424	37		16B	9		MD19BQ	03	DM191D	01	1	TLD	D1		26A			
07678		XA325	57		XA326	57		16B	9		P DT13AD	02	DB13DB	04	1	TLD	E3		30B			
10347		XA325	57								J DT13AD	01	DT13AD	00	1	TLD	E3		30B	DB13DB BUSS		
11352		XA325	58								GND	01	GROUND			TLD			40A			
20812		XA325	59		XA312	39		16B	9		TB12C0	01	DT12AD	01	1	TLD	E4		31B			
07712		XA325	60		XA326	60		16B	9		P DT14AD	02	DB14DB	03	1	TLD	E2		28A			
10348		XA325	60								J DT14AD	01	DT14AD	00	1	TLD	E2		28A	DB14DB BUSS		
10311		XA325	61		XA325	64		16B	9		DT19E0	03	DT12AD	01	2	TLD	E4		32B			
20828		XA325	62		XA312	30		16B	9		TB14C0	01	DT14AD	01	2	TLD	E2		29A			
07646		XA325	63		XA326	63		16B	9		P DT12AD	02	DB12DB	04	1	TLD	E4		33B			
10346		XA325	63								J DT12AD	01	DT12AD	00	1	TLD	E4		33B	DB12DB BUSS		
CONNECTOR (XA325) CONTINUED ON THE NEXT PAGE ****																						

DRAWING NUMBER 149012-880 CONNECTOR UNIT ASSEMBLY NO. 149012 REV E INDEX XA325
 UNIT ASSEMBLY NAME CARD CAGE ASSY, CPU L.H. FILE IDENT T39B2CP1 DATE 09-03-82 PAGE 220

RECORD NUMBER	FROM			TO			WIRE				SIGNAL	SEQ NO	EQUATION	TERM	FACTOR	CKT OR CHIP TYPE	GROUP	LOAD CP POWER PLANE	TEST POINTS ANCHOR	SIGNAL DESCRIPTION	ECO NO
	PREFIX	CONNECTOR	PIN	SR FC	PREFIX	CONNECTOR	PIN	SR FC	MULTI GROUP	CODE											
10312		XA325	64		XA325	55			16B	9		DTTDE0	04	DT14AD	01	1	TLD	E2	30A		
20788		XA325	65		XA312	45			16B	9		TB09C0	01	DT09AD	01	1	TLD	F3	34B		
07746		XA325	66		XA326	66			16B	9		DT15AD	02	DB15DB	03	1	TLD	E1	31A		
10345		XA325	66									DT15AD	01	DT15AD	00	1	TLD	E1	31A	DB15DB BUSS	
11353		XA325	67									GND	01	GROUND			TLD				
20836		XA325	68		XA312	38			16B	9		TB15C0	01	DT15AD	01	2	TLD	E1	32A		
07546		XA325	69		XA326	69			16B	9		DT09AD	02	DB09DB	05	1	TLD	F3	35A		
10343		XA325	69									DT09AD	01	DT09AD	00	1	TLD	F3	35A	DB09DB BUSS	
10310		XA325	70		XA325	61			16B	9		DTTDE0	02	DT15AD	01	1	TLD	E1	33A		
20796		XA325	71		XA312	46			16B	9		TB10C0	01	DT10AD	01	2	TLD	F2	36A		
07578		XA325	72		XA326	72			16B	9		DT10AD	02	DB10DB	04	1	TLD	F2	34A		
10344		XA325	72									DT10AD	01	DT10AD	00	1	TLD	F2	34A	DB10DB BUSS	
10303		XA325	73		XA325	74			16B	9		DTTDD0	02	DT10AD	01	1	TLD	F2	36B		
10304		XA325	74		XA315	68			16B	9		DTTDD0	03	DT09AD	01	2	TLD	F3	35B		
07612		XA325	75		XA326	75			16B	9		DT11AD	02	DB11DB	04	1	TLD	F1	37B		
10345		XA325	75									DT11AD	01	DT11AD	00	1	TLD	F1	37B	DB11DB BUSS	
20780		XA325	76		XA312	51			16B	9		TB08C0	01	DT08AD	01	1	TLD	F4	37A		
10309		XA325	77		XA325	70			16B	9		DTTDE0	01	DT11AD	01	2	TLD	F1	38B		
10302		XA325	78		XA325	73			16B	9		DTTDD0	01	DT08AD	01	2	TLD	F4	38A		
20804		XA325	79		XA312	52			16B	9		TB11C0	01	DT11AD	01	1	TLD	F1	39B		
07514		XA325	80		XA326	80			16B	9		DT08AD	02	DB08DB	05	1	TLD	F4	39A		
10342		XA325	80									DT08AD	01	DT08AD	00	1	TLD	F4	39A	DB08DB BUSS	
08528		XA326	01		XA327	01			16B	9		DM300D	09	DB30DB	18	1	TLD	A2	02B		
08792		XA326	01									DM300D	01	DM300D	00	1	TLD	A2	02B	DB30DB BUSS	
12134		XA326	02									GND		GROUND			TLD		01A		
13790		XA326	03						16B	9		MDO210	09	DM290D	01	1	TLD	A3	02A		
14089		XA326	04						16B	9		MDO6BQ	06	DM300D	01	1	TLD	A2	04A		
13789		XA326	05		XA326	03			16B	9		MDO210	08	DM300D	01	2	TLD	A2	03B		
08588		XA326	06		XA327	06			16B	9		DM310D	09	DB31DB	18	1	TLD	A1	05A		
08799		XA326	06									DM310D	01	DM310D	00	1	TLD	A1	05A	DB31DB BUSS	
14056		XA326	07						16B	9		MDO5BQ	06	DM290D	01	2	TLD	A3	03A		
13787		XA326	08		XA326	11			16B	9		MDO210	06	DM310D	01	2	TLD	A1	06A		
08468		XA326	09		XA327	09			16B	9		DM290D	09	DB29DB	18	1	TLD	A3	04B		
08785		XA326	09									DM290D	01	DM290D	00	1	TLD	A3	04B	DB29DB BUSS	
14122		XA326	10						16B	9		MDO7BQ	06	DM310D	01	1	TLD	A1	07A		
13788		XA326	11		XA326	05			16B	9		MDO210	07	DM280D	01	1	TLD	A4	05B		
00489		XA326	12									+5V	01				TLD				
13983		XA326	13						16B	9		MDO4BQ	06	DM280D	01	2	TLD	A4	06B		
08291		XA326	14		XA327	14			16B	9		DM260D	09	DB26DB	17	1	TLD	B2	09A		
08764		XA326	14									DM260D	01	DM260D	00	1	TLD	B2	09A	DB26DB BUSS	
08408		XA326	15		XA327	15			16B	9		DM280D	09	DB28DB	18	1	TLD	A4	07B		
08778		XA326	15									DM280D	01	DM280D	00	1	TLD	A4	07B	DB28DB BUSS	
11354		XA326	16									GND	01	GROUND			TLD		01B		
13786		XA326	17		XA326	08			16B	9		MDO210	05	DM250D	01	1	TLD	B3	08B		
13785		XA326	18		XA326	17			16B	9		MDO210	04	DM260D	01	2	TLD	B2	10A		
13727		XA326	19						16B	9		MDO1BQ	06	DM250D	01	2	TLD	B3	09B		
13773		XA326	20						16B	9		MDO2BQ	06	DM260D	01	1	TLD	B2	11A		
08237		XA326	21		XA327	21			16B	9		DM250D	09	DB25DB	15	1	TLD	B3	10B		
CONNECTOR (XA326) CONTINUED ON THE NEXT PAGE ****																					

DRAWING NUMBER
UNIT ASSEMBLY NAME

149012-880
CARD CAGE ASSY, CPU L.H.

CONNECTOR

UNIT ASSEMBLY NO. 149012
FILE IDENT T39B2CP1

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DATE 09-03-82 PAGE 221

RECORD NUMBER	FROM			TO			WIRE				SPEC INST	SIGNAL	SEQ NO	EQUATION	TERM	FACTOR	CKT OR CHIP TYPE	GROUP	LOAD POWER PLANE	TEST POINTS	SIGNAL DESCRIPTION	ECO NO
	PREFIX	CONNECTOR	PIN	PREFIX	CONNECTOR	PIN	SR FC	MULTI GROUP	CODE	COLOR												
08757		XA326	21								J	DM250D	01	DM250D	00	1	TLD	B3	10B	DB250B BUSS		
08345		XA326	22		XA327	22		16B	9		J	DM270D	09	DB270B	17	1	TLD	B1	12A	DB270B BUSS		
08771		XA326	22								J	DM270D	01	DM270D	00	1	TLD	B1	12A	DB270B BUSS		
13784		XA326	23		XA326	18		16B	9		J	MD0210	03	DM240D	01	1	TLD	B4	11B			
13783		XA326	24		XA326	23		16B	9		J	MD0210	02	DM270D	01	2	TLD	B1	13A			
13644		XA326	25					16B	9		J	MD008Q	06	DM240D	01	2	TLD	B4	12B			
13872		XA326	26					16B	9		J	MD038Q	06	DM270D	01	1	TLD	B1	14A			
08181		XA326	27		XA327	27		16B	9		P	DM240D	09	DB240B	16	1	TLD	B4	13B			
08750		XA326	27								J	DM240D	01	DM240D	00	1	TLD	B4	13B	DB240B BUSS		
00490		XA326	28								J	+5V	01									
14055		XA326	29		XA326	07		16B	9		J	MD058Q	05	DM210D	01	1	TLD	C3	14B			
08079		XA326	30		XA327	30		16B	9		P	DM220D	07	DB220B	16	1	TLD	C2	15A			
08740		XA326	30								J	DM220D	01	DM220D	00	1	TLD	C2	15A	DB220B BUSS		
13799		XA326	31					16B	9		J	MD0220	09	DM210D	01	2	TLD	C3	15B			
11355		XA326	32								J	GND	01	GROUND					21B			
08029		XA326	33		XA327	33		16B	9		P	DM210D	07	DB210B	16	1	TLD	C3	16B			
08735		XA326	33								J	DM210D	01	DM210D	00	1	TLD	C3	16B	DB210B BUSS		
14088		XA326	34		XA326	04		16B	9		J	MD068Q	05	DM220D	01	2	TLD	C2	16A			
13982		XA326	35		XA326	13		16B	9		J	MD048Q	05	DM200D	01	1	TLD	C4	17B			
13798		XA326	36		XA326	31		16B	9		J	MD0220	08	DM220D	01	1	TLD	C2	17A			
13797		XA326	37		XA326	36		16B	9		J	MD0220	07	DM200D	01	2	TLD	C4	18B			
08129		XA326	38		XA327	38		16B	9		P	DM230D	07	DB230B	16	1	TLD	C1	18A			
08745		XA326	38								J	DM230D	01	DM230D	00	1	TLD	C1	18A	DB230B BUSS		
07977		XA326	39		XA327	39		16B	9		P	DM200D	07	DB200B	16	1	TLD	C4	19B			
08730		XA326	39								J	DM200D	01	DM200D	00	1	TLD	C4	19B	DB200B BUSS		
13796		XA326	40		XA326	37		16B	9		J	MD0220	06	DM230D	01	2	TLD	C1	19A			
13726		XA326	41		XA326	19		16B	9		J	MD018Q	05	DM170D	01	1	TLD	D3	22B			
14121		XA326	42		XA326	10		16B	9		J	MD078Q	05	DM230D	01	1	TLD	C1	20A			
13795		XA326	43		XA326	40		16B	9		J	MD0220	05	DM170D	01	2	TLD	D3	23B			
11356		XA326	44								J	GND	01	GROUND					27A			
07831		XA326	45		XA322	45		16B	9		P	DM170D	03	DB170B	14	1	TLD	D3	24B			
08715		XA326	45								J	DM170D	01	DM170D	00	1	TLD	D3	24B	DB140B BUSS		
07881		XA326	46		XA327	46		16B	9		P	DM180D	07	DB180B	15	1	TLD	D2	21A			
08720		XA326	46								J	DM180D	01	DM180D	00	1	TLD	D2	21A	DB180B BUSS		
13643		XA326	47		XA326	25		16B	9		J	MD008Q	05	DM160D	01	1	TLD	D4	25B			
13772		XA326	48		XA326	20		16B	9		J	MD028Q	05	DM180D	01	2	TLD	D2	22A			
13793		XA326	49		XA326	50		16B	9		J	MD0220	03	DM160D	01	2	TLD	D4	26B			
13794		XA326	50		XA326	43		16B	9		J	MD0220	04	DM180D	01	1	TLD	D2	23A			
07789		XA326	51		XA327	51		16B	9		P	DM160D	07	DB160B	15	1	TLD	D4	27B			
08710		XA326	51								J	DM160D	01	DM160D	00	1	TLD	D4	27B	DB160B BUSS		
07929		XA326	52		XA327	52		16B	9		P	DM190D	07	DB190B	15	1	TLD	D1	24A			
08725		XA326	52								J	DM190D	01	DM190D	00	1	TLD	D1	24A	DB190B BUSS		
13908		XA326	53					16B	9		J	MD0320	09	DM131D	01	1	TLD	E3	28B			
13871		XA326	54		XA326	26		16B	9		J	MD038Q	05	DM190D	01	2	TLD	D1	25A			
15780		XA326	55					16B	9		J	MYA130	02	DM131D	01	2	TLD	E3	29B			
13792		XA326	56		XA326	49		16B	9		J	MD0220	02	DM190D	01	1	TLD	D1	26A			
07679		XA326	57		XA327	57		16B	9		P	DM131D	03	DB130B	06	1	TLD	E3	30B			
08705		XA326	57								J	DM131D	01	DM131D	00	1	TLD	E3	30B	DB130B BUSS		
15803		XA326	58								J	GND		GROUND					40A			
13906		XA326	55		XA326	62		16B	9		J	MD0320	07	DM121D	01	1	TLD	E4	31B			

CONNECTOR (XA326) CONTINUED ON THE NEXT PAGE ****

DRAWING NUMBER 149012-880 CONNECTOR
 UNIT ASSEMBLY NAME CARD CAGE ASSY, CPU L.H.

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 FILE IDENT T39B2CP1 DATE 09-03-82 PAGE 222

RECORD NUMBER	FROM			TO			WIRE				SIGNAL	SEQ NO	EQUATION	TERM	FACTOR	CKT OR CHIP TYPE	GROUP	LOAD OR POWER PLANE	TEST POINTS		SIGNAL DESCRIPTION	ECO NO
	PREFIX	CONNECTOR	PIN	PIN	PREFIX	CONNECTOR	PIN	MULTI GROUP	CODE	COLOR									IDENT	SPEC INST		
07713		XA326	60		XA327	60		16B	9		P	DM141D	03	DB140B	05	1	TLD	E2	28A			
08707		XA326	60		XA327	60		16B	9		J	DM141D	01	DM141D	00	1	TLD	E2	28A		DB140B BUSS	
15767		XA326	61					16B	9			MYA120	02	DM121D	01	2	TLD	E4	32B			
13907		XA326	62		XA326	53		16B	9			MD0320	08	DM141D	01	2	TLD	E2	29A			
07647		XA326	63		XA327	63		16B	9		P	DM121D	03	DB120B	06	1	TLD	E4	33B			
08703		XA326	63					16B	9		J	DM121D	01	DM121D	00	1	TLD	E4	33B		DB120B BUSS	
15793		XA326	64					16B	9			MYA140	02	DM141D	01	1	TLD	E2	30A			
13904		XA326	65		XA326	68		16B	9			MD0320	05	DM091D	01	1	TLD	F3	34B			
07747		XA326	66		XA327	66		16B	9		P	DM151D	03	DB150B	05	1	TLD	E1	31A			
08709		XA326	66					16B	9		J	DM151D	01	DM151D	00	1	TLD	E1	31A		DB150B BUSS	
15791		XA326	67					16B	9			GND		GROUND			TLD					
13905		XA326	68		XA326	59		16B	9			MD0320	06	DM151D	01	2	TLD	E1	32A			
07547		XA326	69		XA327	69		16B	9		P	DM091D	03	DB090B	14	1	TLD	F3	35A			
08697		XA326	69					16B	9		J	DM091D	01	DM091D	00	1	TLD	F3	35A		DB090B BUSS	
15805		XA326	70					16B	9			MYA150	02	DM151D	01	1	TLD	E1	33A			
13903		XA326	71		XA326	65		16B	9			MD0320	04	DM101D	01	2	TLD	F2	36A			
07579		XA326	72		XA327	72		16B	9		P	DM101D	03	DB100B	13	1	TLD	F2	34A			
08699		XA326	72					16B	9		J	DM101D	01	DM101D	00	1	TLD	F2	34A		DB100B BUSS	
15743		XA326	73					16B	9			MYA100	02	DM101D	01	1	TLD	F2	36B			
15733		XA326	74					16B	9			MYA090	02	DM091D	01	2	TLD	F3	35B			
07613		XA326	75		XA327	75		16B	9		P	DM111D	03	DB110B	06	1	TLD	F1	37B			
08701		XA326	75					16B	9		J	DM111D	01	DM111D	00	1	TLD	F1	37B		DB110B BUSS	
13902		XA326	76		XA326	71		16B	9			MD0320	03	DM081D	01	1	TLD	F4	37A			
15755		XA326	77					16B	9			MYA110	02	DM111D	01	2	TLD	F1	38B			
15723		XA326	78					16B	9			MYA080	02	DM081D	01	2	TLD	F4	38A			
13901		XA326	79		XA326	76		16B	9			MD0320	02	DM111D	01	1	TLD	F1	39B			
07515		XA326	80		XA327	80		16B	9		P	DM081D	03	DB080B	14	1	TLD	F4	39A			
08695		XA326	80					16B	9		J	DM081D	01	DM081D	00	1	TLD	F4	39A		DB080B BUSS	
08529		XA327	01		XA328	01		16B	9		P	DG301D	10	DB300B	11	1	TLD	A2	02B			
08675		XA327	01					16B	9		J	DG301D	01	DG301D	00	1	TLD	A2	02B		DB300B BUSS	
12123		XA327	02					16B	9			GND		GROUND			TLD		01A			
10496		XA327	03					16B	9			GC0090	09	DG291D	01	1	TLD	A3	02A			
12121		XA327	04					16B	9			GR30XW	03	DG301D	01	1	TLD	A2	04A			
10495		XA327	05		XA327	03		16B	9			GC0090	08	DG301D	01	2	TLD	A2	03B			
08589		XA327	06		XA328	06		16B	9		P	DG311D	10	DB310B	11	1	TLD	A1	05A			
08677		XA327	06					16B	9		J	DG311D	01	DG311D	00	1	TLD	A1	05A		DB310B BUSS	
12110		XA327	07					16B	9			GR29XW	03	DG291D	01	2	TLD	A3	03A			
10493		XA327	08		XA327	11		16B	9			GC0090	06	DG311D	01	2	TLD	A1	06A			
08469		XA327	09		XA328	09		16B	9		P	DG291D	10	DB290B	11	1	TLD	A3	04B			
08673		XA327	09					16B	9		J	DG291D	01	DG291D	00	1	TLD	A3	04B		DB290B BUSS	
12132		XA327	10					16B	9			GR31XW	03	DG311D	01	1	TLD	A1	07A			
10494		XA327	11		XA327	05		16B	9			GC0090	07	DG281D	01	1	TLD	A4	05B			
10491		XA327	12					16B	9			+5V	01				TLD					
12099		XA327	13					16B	9			GR28XW	03	DG281D	01	2	TLD	A4	06B			
08292		XA327	14		XA328	14		16B	9		P	DG261D	10	DB260B	10	1	TLD	B2	09A			
08667		XA327	14					16B	9		J	DG261D	01	DG261D	00	1	TLD	B2	09A		DB260B BUSS	
08409		XA327	15		XA328	15		16B	9		P	DG281D	10	DB280B	11	1	TLD	A4	07B			
08671		XA327	15					16B	9		J	DG281D	01	DG281D	00	1	TLD	A4	07B		DB280B BUSS	
CONNECTOR XA327 CONTINUED ON THE NEXT PAGE ****																						

DRAWING NUMBER
UNIT ASSEMBLY NAME

149012-880
CARD CAGE ASSY, CPU L.H.

CONNECTOR

UNIT ASSEMBLY NO. 149012
FILE IDENT T39B2CP1

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DATE 09-03-82 PAGE 223

RECORD NUMBER	FROM			TO			WIRE				SPEC INST MESS	SIGNAL	ECO 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	COLCR	IDENT												
12079		XA327	16									GND										
10492		XA327	17		XA327	08						GC0090	05	DG251D	01	1	TLD	B3			01B	
10491		XA327	18		XA327	17						GC0090	04	DG261D	01	2	TLD	B2			08B	
12066		XA327	19									GR25XW	03	DG251D	01	2	TLD	B3			10A	
12077		XA327	20									GR26XW	03	DG261D	01	1	TLD	B2			09B	
08238		XA327	21		XA328	21					P	DG251D	10	DB25DB	08	1	TLD	B3			11A	
08665		XA327	21								J	DG251D	01	DG251D	00	1	TLD	B3			10B	DB25DB BUSS
08346		XA327	22		XA328	22					P	DG271D	10	DB27DB	10	1	TLD	B1			12A	
08669		XA327	22								J	DG271D	01	DG271D	00	1	TLD	B1			12A	DB27DB BUSS
10490		XA327	23		XA327	18						GC0090	03	DG241D	01	1	TLD	B4			11B	
10489		XA327	24		XA327	23						GC0090	02	DG271D	01	2	TLD	B1			13A	
12055		XA327	25									GR24XW	03	DG241D	01	2	TLD	B4			12B	
12088		XA327	26									GR27XW	03	DG271D	01	1	TLD	B1			14A	
08182		XA327	27		XA328	27					P	DG241D	10	DB24DB	09	1	TLD	B4			13B	
08663		XA327	27								J	DG241D	01	DG241D	00	1	TLD	B4			13B	DB24DB BUSS
00492		XA327	28									+5V	01									
10485		XA327	29									GC0080	09	DG211D	01	1	TLD	C3			14B	
08080		XA327	30		XA328	30					P	DG221D	08	DB22DB	09	1	TLD	C2			15A	
08659		XA327	30								J	DG221D	01	DG221D	00	1	TLD	C2			15A	DB22DB BUSS
12022		XA327	31									GR21XW	03	DG211D	01	2	TLD	C3			15B	
12024		XA327	32									GND		GRDUND							21B	
08030		XA327	33		XA328	33					P	DG211D	08	DB21DB	09	1	TLD	C3			16B	
08657		XA327	33								J	DG211D	01	DG211D	00	1	TLD	C3			16B	DB21DB BUSS
10484		XA327	34		XA327	29						GC0080	08	DG221D	01	2	TLD	C2			16A	
10483		XA327	35		XA327	34						GC0080	07	DG201D	01	1	TLD	C4			17B	
12033		XA327	36									GR22XW	03	DG221D	01	1	TLD	C2			17A	
12011		XA327	37									GR20XW	03	DG201D	01	2	TLD	C4			18B	
08130		XA327	38		XA328	38					P	DG231D	08	DB23DB	09	1	TLD	C1			18A	
08661		XA327	38								J	DG231D	01	DG231D	00	1	TLD	C1			18A	DB23DB BUSS
07978		XA327	39		XA328	39					P	DG201D	08	DB20DB	09	1	TLD	C4			19B	
08655		XA327	39								J	DG201D	01	DG201D	00	1	TLD	C4			19B	DB20DB BUSS
10482		XA327	40		XA327	35						GC0080	06	DG231D	01	2	TLD	C1			19A	
10481		XA327	41		XA327	40						GC0080	05	DG171D	01	1	TLD	C3			22B	
12044		XA327	42									GR23XW	03	DG231D	01	1	TLD	C1			20A	
11584		XA327	43									GR17XW	03	DG171D	01	2	TLD	C3			23B	
12090		XA327	44									GND		GRDUND							27A	
07836		XA327	45		XA328	45					P	DG171D	08	DB17DB	07	1	TLD	C3			24B	
08649		XA327	45								J	DG171D	01	DG171D	00	1	TLD	C3			24B	DB17DB BUSS
07882		XA327	46		XA328	46					P	DG181D	08	DB18DB	08	1	TLD	C2			21A	
08651		XA327	46								J	DG181D	01	DG181D	00	1	TLD	C2			21A	DB18DB BUSS
10479		XA327	47		XA327	48						GC0080	03	DG161D	01	1	TLD	C4			25B	
10480		XA327	48		XA327	41						GC0080	04	DG181D	01	2	TLD	C2			22A	
11975		XA327	49									GR16XW	03	DG161D	01	2	TLD	C4			26B	
11993		XA327	50									GR18XW	03	DG181D	01	1	TLD	C2			23A	
07790		XA327	51		XA328	51					P	DG161D	08	DB16DB	08	1	TLD	C4			27B	
08647		XA327	51								J	DG161D	01	DG161D	00	1	TLD	C4			27B	DB16DB BUSS
07930		XA327	52		XA328	52					P	DG191D	08	DB19DB	08	1	TLD	C1			24A	
08653		XA327	52								J	DG191D	01	DG191D	00	1	TLD	C1			24A	DB19DB BUSS
14305		XA327	53		XA325	07						MD13BQ	04	DM1300	01	1	TLD	E3			28B	
10478		XA327	54		XA327	47						GC0080	02	DG191D	01	2	TLD	C1			25A	
CONNECTOR XA327 CONTINUED ON THE NEXT PAGE ****																						

DRAWING NUMBER 149012-880 CONNECTOR
 UNIT ASSEMBLY NAME CARD CAGE ASSY, CPU L.H.

UNIT ASSEMBLY NO. 149012 REV E INDEX XA327
 FILE IDENT T39B2CP1 DATE 09-03-82 PAGE 224

RECORD NUMBER	FROM				TO				WIRE				SIGNAL	SFC INST	SFC NO	EQUATION	TERM	FACTOR	CKT OP CHIP TYPE	GROUP	LOAD CP 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												
13828	XA327	55							16B	9			MD0250	09	DM130D	01	2	TLD	E3		29B			
12002	XA327	56							16B	9			GR19XW	03	DG191D	01	1	TLD	D1		26A			
07680	XA327	57			XA328	57			16B	9			DM130D	04	DB130B	05	1	TLD	E3		30B			
08704	XA327	57							16B	9			DM130D	01	DM130D	00	1	TLD	E3		30B	DB130B BUSS		
22677	XA327	58											GND		GROUND			TLD			40A			
14272	XA327	59			XA325	13			16B	9			MD12BQ	04	DM120D	01	1	TLD	E4		31B			
07714	XA327	60			XA328	60			16B	9			DM140D	04	DB140B	04	1	TLD	E2		28A			
08706	XA327	60							16B	9			DM140D	01	DM140D	00	1	TLD	E2		28A	DB140B BUSS		
13826	XA327	61			XA327	64			16B	9			MD0250	07	DM120D	01	2	TLD	E4		32B			
14337	XA327	62			XA325	04			16B	9			MD14BQ	04	DM140D	01	2	TLD	E2		29A			
07648	XA327	63			XA328	63			16B	9			DM120D	04	DB120B	05	1	TLD	E4		33B			
08702	XA327	63							16B	9			DM120D	01	DM120D	00	1	TLD	E4		33B	DB120B BUSS		
13827	XA327	64			XA327	55			16B	9			MD0250	08	DM140D	01	1	TLD	E2		30A			
14190	XA327	65			XA325	19			16B	9			MD09BQ	04	DM090D	01	1	TLD	F3		34B			
07748	XA327	66			XA328	66			16B	9			DM150D	04	DB150B	04	1	TLD	E1		31A			
08708	XA327	66							16B	9			DM150D	01	DM150D	00	1	TLD	E1		31A	DB150B BUSS		
22678	XA327	67											GND		GROUND			TLD						
14369	XA327	68			XA325	10			16B	9			MD15BQ	04	DM150D	01	2	TLD	E1		32A			
07548	XA327	69			XA328	69			16B	9			DM090D	04	DB090B	13	1	TLD	F3		35A			
08696	XA327	69							16B	9			DM090D	01	DM090D	00	1	TLD	F3		35A	DB090B BUSS		
13825	XA327	70			XA327	61			16B	9			MD0250	06	DM150D	01	1	TLD	E1		33A			
14222	XA327	71			XA325	20			16B	9			MD10BQ	04	DM100D	01	2	TLD	F2		36A			
07580	XA327	72			XA328	72			16B	9			DM100D	04	DB100B	12	1	TLD	F2		34A			
08698	XA327	72							16B	9			DM100D	01	DM100D	00	1	TLD	F2		34A	DB100B BUSS		
13823	XA327	73			XA327	74			16B	9			MD0250	04	DM100D	01	1	TLD	F2		36B			
13824	XA327	74			XA327	70			16B	9			MD0250	05	DM090D	01	2	TLD	F3		35B			
07614	XA327	75			XA328	75			16B	9			DM110D	04	DB110B	05	1	TLD	F1		37B			
08700	XA327	75							16B	9			DM110D	01	DM110D	00	1	TLD	F1		37B	DB110B BUSS		
14153	XA327	76			XA325	25			16B	9			MD08BQ	04	DM080D	01	1	TLD	F4		37A			
14252	XA327	77			XA325	24			16B	9			MD11BQ	04	DM110D	01	2	TLD	F1		38B			
13822	XA327	78			XA327	73			16B	9			MD0250	03	DM080D	01	2	TLD	F4		38A			
13821	XA327	79			XA327	78			16B	9			MD0250	02	DM110D	01	1	TLD	F1		39B			
07516	XA327	80			XA328	80			16B	9			DM080D	04	DB080B	13	1	TLD	F4		39A			
08694	XA327	80							16B	9			DM080D	01	DM080D	00	1	TLD	F4		39A	DB080B BUSS		
08530	XA328	01			XA329	01			16B	9			DG300D	11	DB300B	10	1	TLD	A2		02B			
08674	XA328	01							16B	9			DG300D	01	DG300D	00	1	TLD	A2		02B	DB300B BUSS		
05578	XA328	02											GND		GROUND			TLD			01A			
10463	XA328	03							16B	9			GC0060	09	DG290D	01	1	TLD	A3		02A			
11956	XA328	04							16B	9			GR14XW	04	DG300D	01	1	TLD	A2		04A			
10462	XA328	05			XA328	03			16B	9			GC0060	08	DG300D	01	2	TLD	A2		03B			
08590	XA328	06			XA329	06			16B	9			DG310D	11	DB310B	10	1	TLD	A1		05A			
08676	XA328	06							16B	9			DG310D	01	DG310D	00	1	TLD	A1		05A	DB310B BUSS		
11946	XA328	07							16B	9			GR13XW	04	DG290D	01	2	TLD	A3		03A			
10460	XA328	08			XA328	11			16B	9			GC0060	06	DG310D	01	2	TLD	A1		06A			
08470	XA328	09			XA329	09			16B	9			DG290D	11	DB290B	10	1	TLD	A3		04B			
08672	XA328	09							16B	9			DG290D	01	DG290D	00	1	TLD	A3		04B	DB290B BUSS		
11966	XA328	10							16B	9			GR15XW	04	DG310D	01	1	TLD	A1		07A			
10461	XA328	11			XA328	05			16B	9			GC0060	07	DG280D	01	1	TLD	A4		05B			
CONNECTOR		XA328	CONTINUED ON THE NEXT PAGE ****																					

DRAWING NUMBER
UNIT ASSEMBLY NAME

149012-880
CARD CAGE ASSY, CPU L.H.

CONNECTOR

UNIT ASSEMBLY NO. 149012
FILE IDENT T39B2CP1

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DATE 09-03-82 PAGE 225

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	SH TO	PREFIX	CONNECTOR	PIN	SH TO	MULTI GROUP	CODE												
13812		XA325	26		XA325	23			16B	9		MD0240	02	DM271D	01	1	TLD	B1				
08180		XA325	27		XA326	27			16B	9		DM241D	08	DB240B	17	1	TLD	B4		14A		
08751		XA325	27									DM241D	01	DM241D	00	1	TLD	B4		13B	DB240B BUSS	
00488		XA325	28									+5V	01				TLD					
14577		XA325	29		XA422	31			16B	9		MD21BQ	03	DM211D	01	1	TLD	C3		14B		
08078		XA325	30		XA326	30			16B	9		DM221D	06	DB220B	17	1	TLD	C2		15A		
08741		XA325	30									DM221D	01	DM221D	00	1	TLD	C2		15A	DB220B BUSS	
13846		XA325	31						16B	9		MD0270	09	DM211D	01	2	TLD	C3		15B		
13810		XA325	32									GND		GROUND			TLD			21B		
08028		XA325	33		XA326	33			16B	9		DM211D	06	DB210B	17	1	TLD	C3		16B		
08736		XA325	33									DM211D	01	DM211D	00	1	TLD	C3		16B	DB210B BUSS	
13845		XA325	34		XA325	31			16B	9		MD0270	08	DM221D	01	2	TLD	C2		16A		
14539		XA325	35		XA421	31			16B	9		MD20BQ	03	DM201D	01	1	TLD	C4		17B		
14610		XA325	36		XA423	31			16B	9		MD22BQ	03	DM221D	01	1	TLD	C2		17A		
13844		XA325	37		XA325	34			16B	9		MD0270	07	DM231D	01	2	TLD	C4		18B		
08128		XA325	38		XA326	38			16B	9		DM231D	06	DB230B	17	1	TLD	C1		18A		
08746		XA325	38									DM231D	01	DM231D	00	1	TLD	C1		18A	DB230B BUSS	
07976		XA325	39		XA326	39			16B	9		DM201D	06	DB230B	17	1	TLD	C4		19B		
08731		XA325	39									DM201D	01	DM201D	00	1	TLD	C4		19B	DB200B BUSS	
13843		XA325	40		XA325	37			16B	9		MD0270	06	DM231D	01	2	TLD	C1		19A		
13842		XA325	41		XA325	40			16B	9		MD0270	05	DM171D	01	1	TLD	D3		22B		
14643		XA325	42		XA424	31			16B	9		MD23BQ	03	DM231D	01	1	TLD	C1		20A		
14440		XA325	43		XA422	37			16B	9		MD17BQ	03	DM171D	01	2	TLD	D3		23B		
11351		XA325	44									GND	01	GROUND			TLD			27A		
07835		XA325	45		XA327	45			16B	9		DM171D	07	DB170B	15	1	TLD	D3		24B		
08716		XA325	45									DM171D	01	DM171D	00	1	TLD	D3		24B	DB170B BUSS	
07880		XA325	46		XA326	46			16B	9		DM181D	06	DB180B	16	1	TLD	D2		21A		
08721		XA325	46									DM181D	01	DM181D	00	1	TLD	D2		21A	DB180B BUSS	
14402		XA325	47		XA421	37			16B	9		MD16BQ	03	DM161D	01	1	TLD	D4		25B		
13841		XA325	48		XA325	41			16B	9		MD0270	04	DM181D	01	2	TLD	D2		22A		
13840		XA325	49		XA325	48			16B	9		MD0270	03	DM161D	01	2	TLD	D4		26B		
14473		XA325	50		XA423	37			16B	9		MD18BQ	03	DM181D	01	1	TLD	D2		23A		
07788		XA325	51		XA326	51			16B	9		DM161D	06	DB160B	16	1	TLD	D4		27B		
08711		XA325	51									DM161D	01	DM161D	00	1	TLD	D4		27B	DB160B BUSS	
07928		XA325	52		XA326	52			16B	9		DM191D	06	DB190B	16	1	TLD	D1		24A		
08726		XA325	52									DM191D	01	DM191D	00	1	TLD	D1		24A	DB190B BUSS	
20820		XA325	53		XA312	33			16B	9		FB13C0	01	DT13AD	01	1	TLD	E3		28B		
13839		XA325	54		XA325	49			16B	9		MD0270	02	DM191D	01	2	TLD	D1		25A		
10313		XA325	55		XA312	22			16B	9		DTT0E0	05	DT13AD	01	2	TLD	E3		29B		
14506		XA325	56		XA424	37			16B	9		MD19BQ	03	DM191D	01	1	TLD	D1		26A		
07678		XA325	57		XA326	57			16B	9		DT13AD	02	DB130B	04	1	TLD	E3		30B		
10347		XA325	57									DT13AD	01	DT13AD	00	1	TLD	E3		30B	DB130B BUSS	
11352		XA325	58									GND	01	GROUND			TLD			40A		
20812		XA325	59		XA312	39			16B	9		FB12C0	01	DT12AD	01	1	TLD	E4		31B		
07712		XA325	60		XA326	60			16B	9		DT14AD	02	DB140B	03	1	TLD	E2		28A		
10348		XA325	60									DT14AD	01	DT14AD	00	1	TLD	E2		28A	DB140B BUSS	
10311		XA325	61		XA325	64			16B	9		DTT0E0	03	DT12AD	01	2	TLD	E4		32B		
20828		XA325	62		XA312	30			16B	9		FB14C0	01	DT14AD	01	2	TLD	E2		29A		
07646		XA325	63		XA326	63			16B	9		DT12AD	02	DB120B	04	1	TLD	E4		33B		
10346		XA325	63									DT12AD	01	DT12AD	00	1	TLD	E4		33B	DB120B BUSS	
CONNECTOR (XA325) CONTINUED ON THE NEXT PAGE ****																						

DRAWING NUMBER 149012-880 CONNECTOR
 UNIT ASSEMBLY NAME CARD CAGE ASSY, CPU L.H.

UNIT ASSEMBLY NO. 149012 REV E INDEX XA328
 FILE IDENT T39B2CP1 DATE 09-03-82 PAGE 226

RECORD NUMBER	FROM			TO			WIRE				SPEC. INST. MISC.	SIGNAL	SEQ NO	EQUATION	TERM	FACTOR	CKT OR CHIP TYPE	CHOUT	LOAD OR POWER PLANE	TEST POINTS (AND) OR	SIGNAL DESCRIPTION	ECO NO
	PREFIX	CONNECTOR	PIN	PREFIX	CONNECTOR	PIN	MULTI GROUP	CODE	COLOR	IDENT												
07791		XA328	51		XA329	51		16B	9		P	DG160D	09	DB16DB	07	1	TLD	D4	27B			
08646		XA328	51								J	DG160D	01	DG160D	00	1	TLD	D4	27B	DB16DB BUSS		
07931		XA328	52		XA329	52		16B	9		P	DG190D	09	DB19DB	07	1	TLD	D1	24A			
08652		XA328	52								J	DG190D	01	DG190D	00	1	TLD	D1	24A	DB19DB BUSS		
11945		XA328	53		XA328	07		16B	9			GR13XW	03	DG130D	01	1	TLD	E3	28B			
10434		XA328	54		XA328	47		16B	9			GC004D	02	DG190D	01	2	TLD	D1	25A			
10474		XA328	55					16B	9			GC007D	09	DG130D	01	2	TLD	E3	29B			
11845		XA328	56		XA318	79		16B	9			GR03XW	03	DG190D	01	1	TLD	D1	26A			
07681		XA328	57		XA329	57		16B	9		P	DG130D	05	DB13DB	07	1	TLD	E3	30B			
08643		XA328	57								J	DG130D	01	DG130D	00	1	TLD	E3	30B	DB13DB BUSS		
10431		XA328	58									GND		GROUND			TLD		40A			
11935		XA328	59		XA328	13		16B	9			GR12XW	03	DG120D	01	1	TLD	E4	31B			
07715		XA328	60		XA329	60		16B	9		P	DG140D	05	DB14DB	06	1	TLD	E2	28A			
08644		XA328	60								J	DG140D	01	DG140D	00	1	TLD	E2	28A	DB14DB BUSS		
10472		XA328	61		XA328	64		16B	9			GC007D	07	DG120D	01	2	TLD	E4	32B			
11955		XA328	62		XA328	04		16B	9			GR14XW	03	DG140D	01	2	TLD	E2	29A			
07649		XA328	63		XA329	63		16B	9		P	DG120D	05	DB12DB	07	1	TLD	E4	33B			
08642		XA328	63								J	DG120D	01	DG120D	00	1	TLD	E4	33B	DB12DB BUSS		
10473		XA328	64		XA328	55		16B	9			GC007D	08	DG140D	01	1	TLD	E2	30A			
11905		XA328	65		XA328	19		16B	9			GR09XW	03	DG090D	01	1	TLD	F3	34B			
07749		XA328	66		XA329	66		16B	9		P	DG150D	05	DB15DB	06	1	TLD	E1	31A			
08645		XA328	66								J	DG150D	01	DG150D	00	1	TLD	E1	31A	DB15DB BUSS		
10465		XA328	67									GND		GROUND			TLD					
11965		XA328	68		XA328	10		16B	9			GR15XW	03	DG150D	01	2	TLD	E1	32A			
07549		XA328	69		XA329	69		16B	9		P	DG090D	05	DB09DB	12	1	TLD	F3	35A			
08639		XA328	69								J	DG090D	01	DG090D	00	1	TLD	F3	35A	DB09DB BUSS		
10471		XA328	70		XA328	61		16B	9			GC007D	06	DG150D	01	1	TLD	E1	33A			
11915		XA328	71		XA328	20		16B	9			GR10XW	03	DG100D	01	2	TLD	F2	36A			
07581		XA328	72		XA329	72		16B	9		P	DG100D	05	DB10DB	11	1	TLD	F2	34A			
08640		XA328	72								J	DG100D	01	DG100D	00	1	TLD	F2	34A	DB10DB BUSS		
10469		XA328	73		XA328	74		16B	9			GC007D	04	DG100D	01	1	TLD	F2	36B			
10470		XA328	74		XA328	70		16B	9			GC007D	05	DG090D	01	2	TLD	F3	35B			
07615		XA328	75		XA329	75		16B	9		P	DG110D	05	DB11DB	07	1	TLD	F1	37B			
08641		XA328	75								J	DG110D	01	DG110D	00	1	TLD	F1	37B	DB11DB BUSS		
11895		XA328	76		XA328	25		16B	9			GR08XW	03	DG080D	01	1	TLD	F4	37A			
11925		XA328	77		XA328	26		16B	9			GR11XW	03	DG110D	01	2	TLD	F1	38B			
10468		XA328	78		XA328	73		16B	9			GC007D	03	DG080D	01	2	TLD	F4	38A			
10467		XA328	79		XA328	78		16B	9			GC007D	02	DG110D	01	1	TLD	F1	39B			
07517		XA328	80		XA329	80		16B	9		P	DG080D	05	DB08DB	12	1	TLD	F4	39A			
08638		XA328	80								J	DG080D	01	DG080D	00	1	TLD	F4	39A	DB08DB BUSS		
07251		XA329	01								J	DA30YD	01	DA30YD	00	1	TLD	A2	02B	DB30DB BUSS		
08531		XA329	01		XA330	01		16B	9		P	DA30YD	12	DB30DB	17	1	TLD	A2	02B	TAY REG. TO BUS -		
05558		XA329	02									GND		GROUND			TLD		01A			
05555		XA329	03		XA137	61		16B	9			AY29BQ	02	DA29YD	01	1	TLD	A3	02A			
07063		XA329	04		XA329	07		16B	9			DAAYGO	05	DA30YD	01	1	TLD	A2	04A			
05575		XA329	05		XA137	55		16B	9			AY30BQ	02	DA30YD	01	2	TLD	A2	03B			
07257		XA329	06								J	DA31YD	01	DA31YD	00	1	TLD	A1	05A	DB31DB BUSS		
08591		XA329	06		XA330	06		16B	9		P	DA31YD	12	DB31DB	17	1	TLD	A1	05A	TAY REG. TO BUS -		
CONNECTOR (XA329) CONTINUED ON THE NEXT PAGE ****																						

DRAWING NUMBER 149012-880 CONNECTOR
 UNIT ASSEMBLY NAME CARD CAGE ASSY, CPU L.H.

UNIT ASSEMBLY NO. 149012 REV E INDEX XA329
 FILE IDENT T39B2CP1 DATE 09-03-82 PAGE 227

RECORD NUMBER	FROM			TO			WIRE										TEST POINTS AND/OR	SIGNAL DESCRIPTION	ECO NO					
	PREFIX	CONNECTOR	PIN	PREFIX	CONNECTOR	PIN	SH. TO	MULTI GROUP	CODE	COLOR	IDENT	SPEC INST	MISC	SIGNAL	SEC NO	EQUATION				TERM	FACTOR	CKT OR CHIP TYPE	GROUP	LOAD OR POWER PLANE
07064		XA329	07		XA226	80			16B	9				DAAYG0	06	DA29YD	01	2	TLD	A3		03A		
05595		XA329	08		XA137	78			16B	9				AY31BQ	02	DA31YD	01	2	TLD	A1		06A		
07245		XA329	09											DA29YD	01	DA29YD	00	1	TLD	A3		04B	DB29DB BUSS	
08471		XA329	09		XA330	09			16B	9				DA29YD	12	DB29DB	17	1	TLD	A3		04B	TAY REG. TO BUS -	
07061		XA329	10		XA329	13			16B	9				DAAYG0	03	DA31YD	01	1	TLD	A1		07A		
05535		XA329	11		XA137	43			16B	9				AY28BQ	02	DA28YD	01	1	TLD	A4		05B		
00495		XA329	12											+5V	01				TLD					
07062		XA329	13		XA329	04			16B	9				DAAYG0	04	DA28YD	01	2	TLD	A4		06B		
07227		XA329	14											DA26YD	01	DA26YD	00	1	TLD	B2		09A	DB26DB BUSS	
08294		XA329	14		XA330	14			16B	9				DA26YD	12	DB26DB	16	1	TLD	B2		09A	TAY REG. TO BUS -	
07239		XA329	15											DA28YD	01	DA28YD	00	1	TLD	A4		07B	DB28DB BUSS	
08411		XA329	15		XA330	15			16B	9				DA28YD	12	DB28DB	17	1	TLD	A4		07B	TAY REG. TO BUS -	
05518		XA329	16											GND		GRDUND			TLD			01B		
05472		XA329	17		XA235	75			16B	9				AY25BQ	02	DA25YD	01	1	TLD	B3		08B		
05495		XA329	18		XA137	31			16B	9				AY26BQ	02	DA26YD	01	2	TLD	B2		10A		
07057		XA329	19		XA329	63			16B	9				DAAYF0	07	DA25YD	01	2	TLD	B3		09B		
07060		XA329	20		XA329	10			16B	9				DAAYG0	02	DA26YD	01	1	TLD	B2		11A		
07221		XA329	21											DA25YD	01	DA25YD	00	1	TLD	B3		10B	DB25DB BUSS	
08240		XA329	21		XA330	21			16B	9				DA25YD	12	DB25DB	14	1	TLD	B3		10B	TAY REG. TO BUS -	
07233		XA329	22											DA27YD	01	DA27YD	00	1	TLD	B1		12A	DB27DB BUSS	
08348		XA329	22		XA330	22			16B	9				DA27YD	12	DB27DB	16	1	TLD	B1		12A	TAY REG. TO BUS -	
07056		XA329	23		XA329	19			16B	9				DAAYF0	06	DA24YD	01	1	TLD	B4		11B		
07059		XA329	24		XA329	20			16B	9				DAAYG0	01	DA27YD	01	2	TLD	B1		13A		
05450		XA329	25		XA228	65			16B	9				AY24BQ	02	DA24YD	01	2	TLD	B4		12B		
05515		XA329	26		XA137	49			16B	9				AY27BQ	02	DA27YD	01	1	TLD	B1		14A		
07215		XA329	27											DA24YD	01	DA24YD	00	1	TLD	B4		13B	DB24DB BUSS	
08184		XA329	27		XA330	27			16B	9				DA24YD	12	DB24DB	15	1	TLD	B4		13B	TAY REG. TO BUS -	
00496		XA329	28											+5V	01				TLD					
07055		XA329	29		XA329	23			16B	9				DAAYF0	05	DA21YD	01	1	TLD	C3		14B		
07203		XA329	30											DA22YD	01	DA22YD	00	1	TLD	C2		15A	DB22DB BUSS	
08082		XA329	30		XA330	30			16B	9				DA22YD	10	DB22DB	15	1	TLD	C2		15A	TAY REG. TO BUS -	
05371		XA329	31		XA231	08			16B	9				AY21BQ	02	DA21YD	01	2	TLD	C3		15B		
05331		XA329	32											GND		GROUND			TLD			21B		
07197		XA329	33											DA21YD	01	DA21YD	00	1	TLD	C3		16B	DB21DB BUSS	
08032		XA329	33		XA330	33			16B	9				DA21YD	10	DB21DB	15	1	TLD	C3		16B	TAY REG. TO BUS -	
05397		XA329	34		XA146	79			16B	9				AY22BQ	03	DA22YD	01	2	TLD	C2		16A		
05348		XA329	35		XA138	78			16B	9				AY20BQ	02	DA20YD	01	1	TLD	C4		17B		
07054		XA329	36		XA329	29			16B	9				DAAYF0	04	DA22YD	01	1	TLD	C2		17A		
07053		XA329	37		XA329	36			16B	9				DAAYF0	03	DA20YD	01	2	TLD	C4		18B		
07209		XA329	38											DA23YD	01	DA23YD	00	1	TLD	C1		18A	DB23DB BUSS	
08132		XA329	38		XA330	38			16B	9				DA23YD	10	DB23DB	15	1	TLD	C1		18A	TAY REG. TO BUS -	
07191		XA329	39											DA20YD	01	DA20YD	00	1	TLD	C4		19B	DB20DB BUSS	
07980		XA329	39		XA330	39			16B	9				DA20YD	10	DB20DB	15	1	TLD	C4		19B	TAY REG. TO BUS -	
05429		XA329	40		XA235	73			16B	9				AY23BQ	02	DA23YD	01	2	TLD	C1		19A		
05283		XA329	41		XA138	43			16B	9				AY17BQ	03	DA17YD	01	1	TLD	D3		22B		
07052		XA329	42		XA329	37			16B	9				DAAYF0	02	DA23YD	01	1	TLD	C1		20A		
07049		XA329	43		XA226	51			16B	9				DAAYE0	06	DA17YD	01	2	TLD	D3		23B		
05263		XA329	44											GND		GROUND			TLD			27A		
07173		XA329	45											DA17YD	01	DA17YD	00	1	TLD	D3		24B	DB17DB BUSS	
07838		XA329	45		XA330	45			16B	9				DA17YD	10	DB17DB	13	1	TLD	D3		24B	TAY REG. TO BUS -	

CONNECTOR XA329 CONTINUED ON THE NEXT PAGE ****

DRAWING NUMBER 149012-880 CONNECTOR
 UNIT ASSEMBLY NAME CARD CAGE ASSY, CPU L.H.

UNIT ASSEMBLY NO. 149012
 FILE IDENT T39B2CP1

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RECORD NUMBER	FROM				TO				WIRE				SFC INST MISC	SIGNAL	SEQ NO	EQUATION	TRM	FACTOR	CKT OR CHIP TYPE	GROUP	LOAD OR POWER PLANE	TEST POINTS ANCIOR	SIGNAL DESCRIPTION	ECO NO
	PREFIX	CONNECTOR	PIN	SH PG	PREFIX	CONNECTOR	PIN	SH PG	MULTI GROUP	CODE	COLOR	IDENT												
07179		XA329	46										J	DA18YD	01	DA18YD	00	1	TLD	D2		21A	DB18DB BUSS	
07884		XA329	46			XA330	46			16B	9		P	DA18YD	10	DB18DB	14	1	TLD	D2		21A	TAY REG. TO BUS -	
05257		XA329	47			XA138	49			16B	9			AY16BQ	03	DA16YD	01	1	TLD	D4		25B		
05306		XA329	48			XA138	61			16B	9			AY18BQ	02	DA18YD	01	2	TLD	D2		22A		
07047		XA329	49			XA329	50			16B	9			DAAYE0	04	DA16YD	01	2	TLD	D4		26B		
07048		XA329	50			XA329	43			16B	9			DAAYE0	05	DA18YD	01	1	TLD	D2		23A		
07167		XA329	51										J	DA16YD	01	DA16YD	00	1	TLD	D4		27B	DB16DB BUSS	
07792		XA329	51			XA330	51			16B	9		P	DA16YD	10	DB16DB	14	1	TLD	D4		27B	TAY REG. TO BUS -	
07185		XA329	52										J	DA19YD	01	DA19YD	01	1	TLD	D1		24B	DB19DB BUSS	
07932		XA329	52			XA330	52			16B	9		P	DA19YD	10	DB19DB	14	1	TLD	D1		24A	TAY REG. TO BUS -	
07046		XA329	53			XA329	49			16B	9			DAAYE0	03	DA13YD	01	1	TLD	E3		28B		
07051		XA329	54			XA329	42			16B	9			DAAYF0	01	DA19YD	01	2	TLD	D1		25A		
05195		XA329	55			XA150	64			16B	9			AY13BQ	02	DA13YD	01	2	TLD	E3		29B		
05328		XA329	56			XA138	55			16B	9			AY19BQ	02	DA19YD	01	1	TLD	D1		26A		
07149		XA329	57										J	DA13YD	01	DA13YD	00	1	TLD	E3		30B	DB13DB BUSS	
07682		XA329	57			XA330	57			16B	9		P	DA13YD	06	DB13DB	13	1	TLD	E3		30B	TAY REG. TO BUS -	
05199		XA329	58											GND		GROUND			TLD			40A		
05175		XA329	59			XA147	77			16B	9			AY12BQ	02	DA12YD	01	1	TLD	E4		31B		
07155		XA329	60										J	DA14YD	01	DA14YD	00	1	TLD	E2		28A	DB14DB BUSS	
07716		XA329	60			XA330	60			16B	9		P	DA14YD	06	DB14DB	12	1	TLD	E2		28A	TAY REG. TO BUS -	
07040		XA329	61			XA319	64			16B	9			DAAYD0	05	DA12YD	01	2	TLD	E4		32B		
05215		XA329	62			XA150	79			16B	9			AY14BQ	02	DA14YD	01	2	TLD	E2		29A		
07143		XA329	63										J	DA12YD	01	DA12YD	00	1	TLD	E4		33B	DB12DB BUSS	
07650		XA329	63			XA330	63			16B	9		P	DA12YD	06	DB12DB	13	1	TLD	E4		33B	TAY REG. TO BUS -	
07045		XA329	64			XA329	53			16B	9			DAAYE0	02	DA14YD	01	1	TLD	E2		30A		
07039		XA329	65			XA329	61			16B	9			DAAYD0	04	DA09YD	01	1	TLD	F3		34B		
07161		XA329	66										J	DA15YD	01	DA15YD	00	1	TLD	E1		31A	DB15DB BUSS	
07750		XA329	66			XA330	66			16B	9		P	DA15YD	06	DB15DB	12	1	TLD	E1		31A	TAY REG. TO BUS -	
05199		XA329	67											GND		GROUND			TLD					
07044		XA329	68			XA329	64			16B	9			DAAYE0	01	DA15YD	01	2	TLD	E1		32A		
07125		XA329	69										J	DA09YD	01	DA09YD	00	1	TLD	F3		35A	DB09DB BUSS	
07550		XA329	69			XA330	69			16B	9		P	DA09YD	06	DB09DB	11	1	TLD	F3		35A	TAY REG. TO BUS -	
05235		XA329	70			XA150	78			16B	9			AY15BQ	02	DA15YD	01	1	TLD	E1		33A		
05135		XA329	71			XA147	75			16B	9			AY10BQ	02	DA10YD	01	2	TLD	F2		36A		
07131		XA329	72										J	DA10YD	01	DA10YD	00	1	TLD	F2		34A	DB10DB BUSS	
07582		XA329	72			XA330	72			16B	9		P	DA10YD	06	DB10DB	12	1	TLD	F2		34A	TAY REG. TO BUS -	
07038		XA329	73			XA329	65			16B	9			DAAYD0	03	DA10YD	01	1	TLD	F2		36B		
05115		XA329	74			XA139	78			16B	9			AY09BQ	02	DA09YD	01	2	TLD	F3		35B		
07137		XA329	75										J	DA11YD	01	DA11YD	00	1	TLD	F1		37B	DB11DB BUSS	
07616		XA329	75			XA330	75			16B	9		P	DA11YD	06	DB11DB	13	1	TLD	F1		37B	TAY REG. TO BUS -	
05086		XA329	76			XA139	55			16B	9			AY08BQ	02	DA08YD	01	1	TLD	F4		37A		
05155		XA329	77			XA147	78			16B	9			AY11BQ	02	DA11YD	01	2	TLD	F1		38B		
07037		XA329	78			XA329	73			16B	9			DAAYD0	02	DA08YD	01	2	TLD	F4		38A		
07036		XA329	79			XA329	78			16B	9			DAAYD0	01	DA11YD	01	1	TLD	F1		39B		
07119		XA329	80										J	DA08YD	01	DA08YD	00	1	TLD	F4		39A	DB08DB BUSS	
07518		XA329	80			XA330	80			16B	9		P	DA08YD	06	DB08DB	11	1	TLD	F4		39A	TAY REG. TO BUS -	
07250		XA330	01										J	DA30TD	01	DA30TD	00	1	TLD	A2		02B	DB30DB BUSS	
08532		XA330	01			XA331	01			16B	9		P	DA30TD	13	DB30DB	16	1	TLD	A2		02B	TEXCLUSIVE OR TO B	
CONNECTOR XA330 CONTINUED ON THE NEXT PAGE ****																								

DRAWING NUMBER
UNIT ASSEMBLY NAME

149012-880
CARD CAGE ASSY, CPU L.H.

CONNECTOR

UNIT ASSEMBLY NO. 149012
FILE IDENT T39B2CP1

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DATE 09-03-82 PAGE 229

RECORD NUMBER	FROM			TO			WIRE			SPEC INCT	SIGNAL	SFC NO	EQUATION	TERM	FACTOR	CAT OP CHIP TYPE	PROP	LOAD OR POWER PLANE	TEST POINTS	SIGNAL DESCRIPTION	ECO NO
	PREFIX	CONNECTOR	PIN	PREFIX	CONNECTOR	PIN	DR PG	MULTI GROUP	CODE												
04440		XA330	02									GROUND				TLD			01A		
02857		XA330	03		XA218	61			168	9		AD29B5	01	DA29TD	01	1	TLD	A3	02A		
07020		XA330	04		XA330	07			168	9		DAATG0	05	DA30TD	01	1	TLD	A2	04A		
02870		XA330	05		XA218	70			168	9		AD30B5	01	DA30TD	01	2	TLD	A2	03B		
07256		XA330	06								J	DA31TD	01	CA31TD	00	1	TLD	A1	05A	DB31DB BUSS	
08592		XA330	06		XA331	06			168	9		DA31TD	13	DB310B	16	1	TLD	A1	05A	TEXCLUSIVE OR TO B	
07021		XA330	07		XA226	69			168	9		DAATG0	06	DA29TD	01	2	TLD	A3	03A		
02885		XA330	08		XA216	62			168	9		AD31B2	01	CA31TD	01	2	TLD	A1	06A		
07244		XA330	09								J	DA29TD	01	DA29TD	00	1	TLD	A3	04B	DB29DB BUSS	
08472		XA330	09		XA331	09			168	9	P	DA29TD	13	DB29DB	16	1	TLD	A3	04B	TEXCLUSIVE OR TO B	
07018		XA330	10		XA330	13			168	9		DAATG0	03	CA31TD	01	1	TLD	A1	07A		
02836		XA330	11		XA218	62			168	9		AD28B2	01	DA28TD	01	1	TLD	A4	05B		
00497		XA330	12									+5V	01								
07019		XA330	13		XA330	04			168	9		DAATG0	04	DA28TD	01	2	TLD	A4	06B		
07226		XA330	14								J	DA26TD	01	DA26TD	00	1	TLD	B2	09A	DB26DB BUSS	
08295		XA330	14		XA331	14			168	9	P	DA26TD	13	DB26DB	15	1	TLD	B2	09A	TEXCLUSIVE OR TO B	
07238		XA330	15								J	DA28TD	01	DA28TD	00	1	TLD	A4	07B	DB28DB BUSS	
08412		XA330	15		XA331	15			168	9	P	DA28TD	13	DB28DB	16	1	TLD	A4	07B	TEXCLUSIVE OR TO B	
11359		XA330	16									GROUND	01						01B		
02784		XA330	17		XA224	51			168	9		AD25TD	01	DA25TD	01	1	TLD	B3	08B		
02806		XA330	18		XA224	57			168	9		AD26TD	01	DA26TD	01	2	TLD	B2	10A		
07014		XA330	19		XA226	57			168	9		DAATF0	07	DA25TD	01	2	TLD	B3	09B		
07017		XA330	20		XA330	10			168	9		DAATG0	02	DA26TD	01	1	TLD	B2	11A		
07220		XA330	21								J	DA25TD	01	DA25TD	00	1	TLD	B3	10B	DB25DB BUSS	
08241		XA330	21		XA331	21			168	9	P	DA25TD	13	DB25DB	13	1	TLD	B3	10B	TEXCLUSIVE OR TO B	
07232		XA330	22								J	DA27TD	01	DA27TD	00	1	TLD	B1	12A	DB27DB BUSS	
08349		XA330	22		XA331	22			168	9	P	DA27TD	13	DB27DB	15	1	TLD	B1	12A	TEXCLUSIVE OR TO B	
07013		XA330	23		XA330	19			168	9		DAATF0	06	DA24TD	01	1	TLD	B4	11B		
07016		XA330	24		XA330	20			168	9		DAATG0	01	DA27TD	01	2	TLD	B1	13A		
02738		XA330	25		XA216	34			168	9		AD24B5	01	DA24TD	01	2	TLD	B4	12B		
02813		XA330	26		XA227	50			168	9		AD27B2	01	DA27TD	01	1	TLD	B1	14A		
07214		XA330	27								J	DA24TD	01	DA24TD	00	1	TLD	B4	13B	DB24DB BUSS	
08185		XA330	27		XA331	27			168	9	P	DA24TD	13	DB24DB	14	1	TLD	B4	13B	TEXCLUSIVE OR TO B	
00498		XA330	28									+5V	01								
07012		XA330	29		XA330	23			168	9		DAATF0	05	DA21TD	01	1	TLD	C3	14B		
07202		XA330	30								J	DA22TD	01	DA22TD	00	1	TLD	C2	15A	DB22DB BUSS	
08083		XA330	30		XA331	30			168	9	P	DA22TD	11	DB22DB	14	1	TLD	C2	15A	TEXCLUSIVE OR TO B	
02682		XA330	31		XA224	52			168	9		AD21TD	01	DA21TD	01	2	TLD	C3	15B		
04408		XA330	32									GROUND							21B		
07196		XA330	33								J	DA21TD	01	DA21TD	00	1	TLD	C3	16B	DB21DB BUSS	
08033		XA330	33		XA331	33			168	9	P	DA21TD	11	DB21DB	14	1	TLD	C3	16B	TEXCLUSIVE OR TO B	
02708		XA330	34		XA224	46			168	9		AD22TD	01	DA22TD	01	2	TLD	C2	16A		
02635		XA330	35		XA217	18			168	9		AD20B5	01	DA20TD	01	1	TLD	C4	17B		
07011		XA330	36		XA330	29			168	9		DAATF0	04	DA22TD	01	1	TLD	C2	17A		
07010		XA330	37		XA330	36			168	9		DAATF0	03	DA20TD	01	2	TLD	C4	18B		
07208		XA330	38								J	DA23TD	01	DA23TD	00	1	TLD	C1	18A	DB23DB BUSS	
08133		XA330	38		XA331	38			168	9	J	DA23TD	11	DB23DB	14	1	TLD	C1	18A	TEXCLUSIVE OR TO B	
07190		XA330	39								J	DA20TD	01	DA20TD	00	1	TLD	C4	19B	DB20DB BUSS	
07981		XA330	39		XA331	39			168	9	P	DA20TD	11	DB20DB	14	1	TLD	C4	19B	TEXCLUSIVE OR TO B	
02715		XA330	40		XA227	56			168	9		AD23B2	01	DA23TD	01	2	TLD	C1	19A		
CONNECTOR (XA330) CONTINUED ON THE NEXT PAGE ****																					

DRAWING NUMBER 149012-880 CONNECTOR
 UNIT ASSEMBLY NAME CARD CAGE ASSY, CPU L.H.

UNIT ASSEMBLY NO. 149012 REV E INDEX XA330
 FILE IDENT T39B2CP1 DATE 09-03-82 PAGE 230

RECORD NUMBER	FROM				TO				WIRE				SIGNAL	SEQ NO	EQUATION	TERM	FACTORY	CMT OR CHIP TYPE	WGM	LOAD OR POWER PLANE	TEST POINTS (AND) 3P	SIGNAL DESCRIPTION	ECO NO
	PREFIX	CONNECTOR	PIN	SHFTS	PREFIX	CONNECTOR	PIN	SHFTS	MULTI GROUP	CODE	COI-OR	IDENT											
02573		XA330	41		XA224	22			16B	9			AD17T0	01	DA17T0	01	1	TLD	D3		22B		
07009		XA330	42		XA330	37			16B	9			DAATF0	02	DA23T0	01	1	TLD	C1		20A		
07006		XA330	43		XA226	45			16B	9			DAATE0	06	DA17T0	01	2	TLD	D3		23B		
11360		XA330	44										GND	01	GROUND			TLD			27A		
07172		XA330	45									J	DA17T0	01	DA17T0	00	1	TLD	D3		24B	DB17DB BUSS	
07839		XA330	45		XA331	45			16B	9		P	DA17T0	11	DB17DB	12	1	TLD	J3		24B	TEXCLUSIVE OR TO B	
07178		XA330	46									J	DA18T0	01	DA18T0	00	1	TLD	D2		21A	DB18DB BUSS	
07845		XA330	46		XA331	46			16B	9		P	DA18T0	11	DB18DB	13	1	TLD	J2		21A	TEXCLUSIVE OR TO B	
02526		XA330	47		XA217	05			16B	9			AD18B5	01	DA16T0	01	1	TLD	D4		25B		
02599		XA330	48		XA224	14			16B	9			AD18T0	01	DA18T0	01	2	TLD	D2		22A		
07004		XA330	49		XA330	50			16B	9			DAATE0	04	DA16T0	01	2	TLD	D4		26B		
07005		XA330	50		XA330	43			16B	9			DAATE0	05	DA18T0	01	1	TLD	D2		23A		
07166		XA330	51									J	DA16T0	01	DA16T0	00	1	TLD	D4		27B	DB16DB BUSS	
07793		XA330	51		XA331	51			16B	9		P	DA16T0	11	DB16DB	13	1	TLD	D4		27B	TEXCLUSIVE OR TO B	
07184		XA330	52									J	DA19T0	01	DA19T0	00	1	TLD	D1		24A	DB19DB BUSS	
07933		XA330	52		XA331	52			16B	9		P	DA19T0	11	DB19DB	13	1	TLD	D1		24A	TEXCLUSIVE OR TO B	
07003		XA330	53		XA330	49			16B	9			DAATE0	03	DA13T0	01	1	TLD	E3		28B		
07008		XA330	54		XA330	42			16B	9			DAATF0	01	DA19T0	01	2	TLD	D1		25A		
02462		XA330	55		XA225	63			16B	9			AD13T0	01	DA13T0	01	2	TLD	E3		29B		
02606		XA330	56		XA227	36			16B	9			AD19B2	01	CA19T0	01	1	TLD	D1		26A		
07148		XA330	57									J	DA13T0	01	DA13T0	00	1	TLD	E3		30B	DB13DB BUSS	
07693		XA330	57		XA331	57			16B	9		P	DA13T0	07	DB13DB	12	1	TLD	E3		30B	TEXCLUSIVE OR TO B	
11361		XA330	58										GND	01	GROUND			TLD			40A		
02420		XA330	59		XA219	34			16B	9			AD12B5	01	CA12T0	01	1	TLD	E4		31B		
07154		XA330	60									J	DA14T0	01	DA14T0	00	1	TLD	E2		28A	DB14DB BUSS	
07717		XA330	60		XA331	60			16B	9		P	DA14T0	07	DB14DB	11	1	TLD	E2		28A	TEXCLUSIVE OR TO B	
06997		XA330	61		XA320	64			16B	9			DAATD0	05	DA12T0	01	2	TLD	E4		32B		
02488		XA330	62		XA225	75			16B	9			AD14T0	01	DA14T0	01	2	TLD	E2		29A		
07142		XA330	63									J	DA12T0	01	DA12T0	00	1	TLD	E4		33B	DB12DB BUSS	
07651		XA330	63		XA331	63			16B	9		P	DA12T0	07	DB12DB	12	1	TLD	E4		33B	TEXCLUSIVE OR TO B	
07002		XA330	64		XA330	53			16B	9			DAATE0	02	DA14T0	01	1	TLD	E2		30A		
06996		XA330	65		XA330	61			16B	9			DAATD0	04	DA09T0	01	1	TLD	F3		34B		
07160		XA330	66									J	DA15T0	01	DA15T0	00	1	TLD	E1		31A	DB15DB BUSS	
07751		XA330	66		XA331	66			16B	9		P	DA15T0	07	DB15DB	11	1	TLD	E1		31A	TEXCLUSIVE OR TO B	
04109		XA330	67										GND		GROUND			TLD					
07001		XA330	68		XA330	64			16B	9			DAATE0	01	DA15T0	01	2	TLD	E1		32A		
07124		XA330	69									J	DA09T0	01	DA09T0	00	1	TLD	F3		35A	DB09DB BUSS	
07551		XA330	69		XA331	69			16B	9		P	DA09T0	07	DB09DB	10	1	TLD	F3		35A	TEXCLUSIVE OR TO B	
02497		XA330	70		XA220	62			16B	9			AD15B2	01	DA15T0	01	1	TLD	E1		33A		
02380		XA330	71		XA225	66			16B	9			AD10T0	01	DA10T0	01	2	TLD	F2		36A		
07130		XA330	72									J	DA10T0	01	DA10T0	00	1	TLD	F2		34A	DB10DB BUSS	
07583		XA330	72		XA331	72			16B	9		P	DA10T0	07	DB10DB	09	1	TLD	F2		34A	TEXCLUSIVE OR TO B	
06995		XA330	73		XA330	65			16B	9			DAATD0	03	DA10T0	01	1	TLD	F2		36B		
02356		XA330	74		XA225	51			16B	9			AD09T0	01	DA09T0	01	2	TLD	F3		35B		
07136		XA330	75									J	DA11T0	01	DA11T0	00	1	TLD	F1		37B	DB11DB BUSS	
07617		XA330	75		XA331	75			16B	9		P	DA11T0	07	DB11DB	12	1	TLD	F1		37B	TEXCLUSIVE OR TO B	
02314		XA330	76		XA220	34			16B	9			AD08B5	01	DA08T0	01	1	TLD	F4		37A		
02393		XA330	77		XA217	62			16B	9			AD11B2	01	DA11T0	01	2	TLD	F1		38B		
06994		XA330	78		XA330	73			16B	9			DAATD0	02	DA08T0	01	2	TLD	F4		38A		
06993		XA330	79		XA330	78			16B	9			DAATD0	01	DA11T0	01	1	TLD	F1		39B		
CONNECTOR XA330 CONTINUED ON THE NEXT PAGE ****																							

DRAWING NUMBER 149012-880 CONNECTOR
 UNIT ASSEMBLY NAME CARD CAGE ASSY, CPU L.H.

UNIT ASSEMBLY NO. 149012 REV E INDEX XA331
 FILE IDENT T39B2CP1 DATE 09-03-82 PAGE 232

RECORD NUMBER	FROM				TO				WIRE				SIGNAL	SEQ NO	EQUATION	TERM	FACTOR	CKT OR CHIP TYPE	GROUP	LOAD/POWER PLANE	TEST POINTS AND/OR	SIGNAL DESCRIPTION	ECO NO
	PREFIX	CONNECTOR	PIN	SP. 10	PREFIX	CONNECTOR	PIN	SP. 10	MULTI GROUP	CODE	COLOR	IDENT											
06967		XA331	37			XA331	36			16B	9		DAAQFO	03	DA20QD	01	2	TLD	C4		18B		
07207		XA331	38										DA23QD	01	DA23QD	00	1	TLD	C1		18A	DB23DB BUSS	
08134		XA331	38			XA332	38			16B	9		DA23QD	12	DB23DB	13	1	TLD	C1		18A	TAQ REG. TO BUS -	
07189		XA331	39										DA20QD	01	DA20QD	00	1	TLD	C4		19B	DB20DB BUSS	
07982		XA331	39			XA332	39			16B	9		DA20QD	12	DB20DB	13	1	TLD	C4		19B	TAQ REG. TO BUS -	
04348		XA331	40			XA117	74			16B	9		AQ23BQ	01	DA23QD	01	2	TLD	C1		19A		
04246		XA331	41			XA131	50			16B	9		AQ17BQ	01	DA17QD	01	1	TLD	D3		22B		
06966		XA331	42			XA331	37			16B	9		DAAQFO	02	DA23QD	01	1	TLD	C1		20A		
06963		XA331	43			XA226	46			16B	9		DAAQEO	06	DA17QD	01	2	TLD	D3		23P		
04242		XA331	44										GND		GROUND			TLD			27A		
07171		XA331	45										DA17QD	01	DA17QD	00	1	TLD	D3		24B	DB17DB BUSS	
07840		XA331	45			XA332	45			16B	9		DA17QD	12	DB17DB	11	1	TLD	D3		24B	TAQ REG. TO BUS -	
07177		XA331	46										DA18QD	01	DA18QD	00	1	TLD	D2		21A	DB18DB BUSS	
07886		XA331	46			XA332	46			16B	9		DA18QD	12	DB18DB	12	1	TLD	D2		21A	TAQ REG. TO BUS -	
04218		XA331	47							16B	9		AQ16BQ	07	DA16QD	01	1	TLD	D4		25B		
04263		XA331	48			XA126	65			16B	9		AQ18BQ	01	DA18QD	01	2	TLD	D2		22A		
06961		XA331	49			XA331	50			16B	9		DAAQEO	04	DA16QD	01	2	TLD	D4		26B		
06962		XA331	50			XA331	43			16B	9		DAAQEO	05	DA18QD	01	1	TLD	D2		23A		
07165		XA331	51										DA16QD	01	DA16QD	00	1	TLD	D4		27B	DB16DB BUSS	
07794		XA331	51			XA332	51			16B	9		DA16QD	12	DB16DB	12	1	TLD	D4		27B	TAQ REG. TO BUS -	
07183		XA331	52										DA19QD	01	DA19QD	00	1	TLD	D1		24A	DB19DB BUSS	
07934		XA331	52			XA332	52			16B	9		DA19QD	12	DB19DB	12	1	TLD	D1		24A	TAQ REG. TO BUS -	
06960		XA331	53			XA331	49			16B	9		DAAQEO	03	DA13QD	01	1	TLD	E3		28B		
06965		XA331	54			XA331	42			16B	9		DAAQFO	01	DA19QD	01	2	TLD	D1		25A		
04161		XA331	55			XA127	37			16B	9		AQ13BQ	01	DA13QD	01	2	TLD	E3		29B		
04283		XA331	56							16B	9		AQ19BQ	05	DA19QD	01	1	TLD	D1		26A		
07147		XA331	57										DA13QD	01	DA13QD	00	1	TLD	E3		30B	DB13DB BUSS	
07684		XA331	57			XA332	57			16B	9		DA13QD	06	DB13DB	11	1	TLD	E3		30B	TAQ REG. TO BUS -	
04173		XA331	58										GND		GROUND			TLD			40A		
04145		XA331	59			XA127	41			16B	9		AQ12BQ	01	DA12QD	01	1	TLD	E4		31B		
07153		XA331	60										DA14QD	01	DA14QD	00	1	TLD	E2		28A	DB14DB BUSS	
07718		XA331	60			XA332	60			16B	9		DA14QD	08	DB14DB	10	1	TLD	E2		28A	TAQ REG. TO BUS -	
06954		XA331	61			XA321	64			16B	9		DAAQDQ	05	DA12QD	01	2	TLD	E4		32B		
04177		XA331	62			XA127	49			16B	9		AQ14BQ	01	DA14QD	01	2	TLD	E2		29A		
07141		XA331	63										DA12QD	01	DA12QD	00	1	TLD	E4		33B	DB12DB BUSS	
07652		XA331	63			XA332	63			16B	9		DA12QD	08	DB12DB	11	1	TLD	E4		33B	TAQ REG. TO BUS -	
06959		XA331	64			XA331	53			16B	9		DAAQEO	02	DA14QD	01	1	TLD	E2		30A		
06953		XA331	65			XA331	61			16B	9		DAAQDQ	04	DA09QD	01	1	TLD	F3		34B		
07159		XA331	66										DA15QD	01	DA15QD	00	1	TLD	E1		31A	DB15DB BUSS	
07752		XA331	66			XA332	66			16B	9		DA15QD	08	DB15DB	10	1	TLD	E1		31A	TAQ REG. TO BUS -	
04125		XA331	67										GND		GROUND			TLD					
06958		XA331	68			XA331	64			16B	9		DAAQEO	01	DA15QD	01	2	TLD	E1		32A		
07123		XA331	69										DA09QD	01	DA09QD	00	1	TLD	F3		35A	DB09DB BUSS	
07552		XA331	69			XA332	69			16B	9		DA09QD	08	DB09DB	09	1	TLD	F3		35A	TAQ REG. TO BUS -	
04193		XA331	70			XA131	49			16B	9		AQ15BQ	01	DA15QD	01	1	TLD	F1		33A		
04113		XA331	71			XA118	78			16B	9		AQ10BQ	01	DA10QD	01	2	TLD	F2		36A		
07129		XA331	72										DA10QD	01	DA10QD	00	1	TLD	F2		34A	DB10DB BUSS	
07584		XA331	72			XA332	72			16B	9		DA10QD	08	DB10DB	08	1	TLD	F2		34A	TAQ REG. TO BUS -	
06952		XA331	73			XA331	65			16B	9		DAAQDQ	03	DA10QD	01	1	TLD	F2		36B		
04097		XA331	74			XA118	55			16B	9		AQ09BQ	01	DA09QD	01	2	TLD	F3		35B		
CONNECTOR (XA331) CONTINUED ON THE NEXT PAGE ****																							

DRAWING NUMBER
UNIT ASSEMBLY NAME

149012-880
CARD CAGE ASSY, CPU L.H.

CONNECTOR
UNIT ASSEMBLY NO. 149012
FILE IDENT T39B2CP1

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DATE 09-03-82
INDEX XA332
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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	SH TO	PREFIX	CONNECTOR	PIN	PAIR	MULTI GROUP	CODE												
11364		XA332	32										GND	01	GROUND					21B		
07194		XA332	33										DA21GD	01	DA21GD	00	1	TLD	C3	16B	DB21DB BUSS	
08035		XA332	33		XA333	33				16B	9		DA21GD	13	DB21DB	12	1	TLD	C3	16B	TLGCL AND TO BUS -	
02699		XA332	34		XA214	47				16B	9		AD22B6	01	DA22GD	01	2	TLD	C2	16A		
02637		XA332	35		XA217	14				16B	9		AD20B6	01	DA20GD	01	1	TLD	C4	17B		
06914		XA332	36		XA332	29				16B	9		DAAGF0	04	DA22GD	01	1	TLD	C2	17A		
06913		XA332	37		XA332	36				16B	9		DAAGF0	03	DA20GD	01	2	TLD	C4	18B		
07206		XA332	38										DA23GD	01	DA23GD	00	1	TLD	C1	18A	DB23DB BUSS	
08135		XA332	38		XA333	38				16B	9		DA23GD	13	DB23DB	12	1	TLD	C1	18A	TLGCL AND TO BUS -	
07188		XA332	39										DA20GD	01	CA20GD	00	1	TLD	C4	19B	DB20DB BUSS	
07983		XA332	39		XA333	39				16B	9		DA20GD	13	DB20DB	12	1	TLD	C4	19B	TLGCL AND TO BUS -	
02730		XA332	40		XA224	45				16B	9		AD23GD	01	DA23GD	01	2	TLD	C1	19A		
02565		XA332	41		XA215	57				16B	9		AD17B6	01	DA17GD	01	1	TLD	D3	22B		
06912		XA332	42		XA332	37				16B	9		DAAGF0	02	DA23GD	01	1	TLD	C1	20A		
06909		XA332	43		XA226	52				16B	9		DAAGE0	06	DA17GD	01	2	TLD	D3	23B		
11365		XA332	44										GND	01	GROUND					27A		
07170		XA332	45										DA17GD	01	DA17GD	00	1	TLD	D3	24B	DB17DB BUSS	
07841		XA332	45		XA333	45				16B	9		DA17GD	13	DB17DB	10	1	TLD	D3	24B	TLGCL AND TO BUS -	
07176		XA332	46										DA18GD	01	DA18GD	00	1	TLD	D2	21A	DB18DB BUSS	
07887		XA332	46		XA333	46				16B	9		DA18GD	13	DB18DB	11	1	TLD	D2	21A	TLGCL AND TO BUS -	
02526		XA332	47		XA217	01				16B	9		AD16B6	01	DA16GD	01	1	TLD	D4	25B		
02590		XA332	48		XA215	59				16B	9		AD18B6	01	DA18GD	01	2	TLD	D2	22A		
06907		XA332	49		XA332	50				16B	9		DAAGE0	04	DA16GD	01	2	TLD	D4	26B		
06908		XA332	50		XA332	43				16B	9		DAAGE0	05	DA18GD	01	1	TLD	D2	23A		
07164		XA332	51										DA16GD	01	DA16GD	00	1	TLD	D4	27B	DB16DB BUSS	
07795		XA332	51		XA333	51				16B	9		DA16GD	13	DB16DB	11	1	TLD	D4	27B	TLGCL AND TO BUS -	
07182		XA332	52										DA19GD	01	DA19GD	00	1	TLD	D1	24A	DB19DB BUSS	
07935		XA332	52		XA333	52				16B	9		DA19GD	13	DB19DB	11	1	TLD	D1	24A	TLGCL AND TO BUS -	
06906		XA332	53		XA332	49				16B	9		DAAGE0	03	DA13GD	01	1	TLD	E3	28B		
06911		XA332	54		XA332	42				16B	9		DAAGF0	01	DA19GD	01	2	TLD	D1	25A		
02454		XA332	55		XA220	45				16B	9		AD13B6	01	DA13GD	01	2	TLD	E3	29B		
02623		XA332	56		XA215	63				16B	9		AD19GD	01	DA19GD	01	1	TLD	D1	26A		
07146		XA332	57										DA13GD	01	DA13GD	00	1	TLD	E3	30B	DB13DB BUSS	
07685		XA332	57		XA333	57				16B	9		DA13GD	09	DB13DB	10	1	TLD	E3	30B	TLGCL AND TO BUS -	
11366		XA332	58										GND	01	GROUND					40A		
02422		XA332	59		XA219	30				16B	9		AD12B6	01	DA12GD	01	1	TLD	E4	31B		
07152		XA332	60										DA14GD	01	DA14GD	00	1	TLD	E2	28A	DB14DB BUSS	
07719		XA332	60		XA333	60				16B	9		DA14GD	09	DB14DB	09	1	TLD	E2	28A	TLGCL AND TO BUS -	
06900		XA332	61		XA322	64				16B	9		DAAGD0	05	DA12GD	01	2	TLD	E4	32B		
02479		XA332	62		XA220	47				16B	9		AD14B6	01	DA14GD	01	2	TLD	E2	29A		
07140		XA332	63										DA12GD	01	DA12GD	00	1	TLD	E4	33B	DB12DB BUSS	
07653		XA332	63		XA333	63				16B	9		DA12GD	09	DB12DB	10	1	TLD	E4	33B	TLGCL AND TO BUS -	
06905		XA332	64		XA332	53				16B	9		DAAGE0	02	DA14GD	01	1	TLD	E2	30A		
06899		XA332	65		XA332	61				16B	9		DAAGD0	04	DA09GD	01	1	TLD	F3	34B		
07158		XA332	66										DA15GD	01	CA15GD	00	1	TLD	E1	31A	DB15DB BUSS	
07753		XA332	66		XA333	66				16B	9		DA15GD	09	DB15DB	09	1	TLD	E1	31A	TLGCL AND TO BUS -	
11367		XA332	67										GND	01	GROUND							
06904		XA332	68		XA332	64				16B	9		DAAGE0	01	DA15GD	01	2	TLD	E1	32A		
07122		XA332	69										DA09GD	01	DA09GD	00	1	TLD	F3	35A	DB09DB BUSS	
07553		XA332	69		XA333	69				16B	9		DA09GD	09	DB09DB	08	1	TLD	F3	35A	TLGCL AND TO BUS -	
CONNECTOR XA332 CONTINUED ON THE NEXT PAGE ****																						

DRAWING NUMBER 149012-880 CONNECTOR UNIT ASSEMBLY NO. 149012 REV E INDEX XA332
 UNIT ASSEMBLY NAME CARD CAGE ASSY,CPU L.H. FILE IDENT T39B2CP1 DATE 09-03-82 PAGE 235

RECORD NUMBER	FROM			TO			WIRE			SIGNAL	SEG NO	EQUATION	TERM FACTOR	CAT OR CHIP TYPE	GROUP	LOAD OR POWER PLANS	TEST POINTS AND/OR	SIGNAL DESCRIPTION	SCO NO
	PREFIX	CONNECTOR	PIN	PREFIX	CONNECTOR	PIN	MULT. GROUP	CODE	COLOR										
02312		XA332	70		XA225	72		16B	9		AD15G0	01	DA15G0	01	1	TLD	E1	33A	
02371		XA332	71		XA221	59		16B	9		AD10B6	01	DA10G0	01	2	TLD	F2	36A	
07128		XA332	72								DA10G0	01	DA10G0	00	1	TLD	F2	34A	DB10DB BUSS
07585		XA332	72		XA333	72		16B	9	J	DA10G0	09	DA10G0	07	1	TLD	F2	34A	TLGCL AND TO BUS
06898		XA332	73		XA332	65		16B	9		DAAGD0	03	DA10G0	01	1	TLD	F2	36B	
02349		XA332	74		XA220	33		16B	9		AD09B6	02	DA09G0	01	2	TLD	F3	35B	
07134		XA332	75							J	DA11G0	01	DA11G0	00	1	TLD	F1	37B	DB11DB BUSS
07619		XA332	75		XA333	75		16B	9	P	DA11G0	09	DA11G0	10	1	TLD	F1	37B	TLGCL AND TO BUS
02316		XA332	76		XA220	30		16B	9		AD08B6	01	DA08G0	01	1	TLD	F4	37A	
02408		XA332	77		XA225	60		16B	9		AD11G0	01	DA11G0	01	2	TLD	F1	38B	
06897		XA332	78		XA332	73		16B	9		DAAGD0	02	DA08G0	01	2	TLD	F4	38A	
06896		XA332	79		XA332	78		16B	9		DAAGD0	01	DA11G0	01	1	TLD	F1	39B	
07116		XA332	80							J	DA08G0	01	DA08G0	00	1	TLD	F4	39A	DB08DB BUSS
07521		XA332	80		XA333	80		16B	9	P	DA08G0	09	DB08DB	03	1	TLD	F4	39A	TLGCL AND TO BUS
07247		XA333	01							J	DA30D0	01	DA30D0	00	1	TLD	A2	02B	DB30DB BUSS
08535		XA333	01		XA334	01		16B	9	P	DA30D0	16	DB30DB	13	1	TLD	A2	02B	TADDER TO BUS - 30
11368		XA333	02								GND	01	GROUND			TLD		01A	
02854		XA333	03		XA246	03		16B	9		AD29R4	03	DA29D0	01	1	TLD	A3	02A	
06881		XA333	04		XA333	07		16B	9		DAADG0	06	DA30D0	01	1	TLD	A2	04A	
02867		XA333	05		XA246	25		16B	9		AD30B4	03	DA30D0	01	2	TLD	A2	03B	
07253		XA333	06							J	DA31D0	01	DA31D0	00	1	TLD	A1	05A	DB31DB BUSS
08595		XA333	06		XA334	06		16B	9	P	DA31D0	16	DB31DB	13	1	TLD	A1	05A	TADDER TO BUS - 31
06882		XA333	07					16B	9		DAADG0	07	DA29D0	01	2	TLD	A3	03A	
02882		XA333	08		XA246	52		16B	9		AD31B1	03	DA31D0	01	2	TLD	A1	06A	
07241		XA333	09							J	DA29D0	01	DA29D0	00	1	TLD	A3	04B	DB29DB BUSS
08475		XA333	09		XA334	09		16B	9	P	DA29D0	16	DB29DB	13	1	TLD	A3	04B	TADDER TO BUS - 29
06879		XA333	10		XA333	13		16B	9		DAADG0	04	DA31D0	01	1	TLD	A1	07A	
02833		XA333	11		XA247	59		16B	9		AD28B1	03	DA28D0	01	1	TLD	A4	05B	
00503		XA333	12								+5V	01				TLD			
06880		XA333	13		XA333	04		16B	9		DAADG0	05	DA28D0	01	2	TLD	A4	06B	
07223		XA333	14							J	DA26D0	01	DA26D0	00	1	TLD	B2	09A	DB26DB BUSS
08298		XA333	14		XA334	14		16B	9	P	DA26D0	16	DB26DB	12	1	TLD	B2	09A	TADDER TO BUS - 26
07235		XA333	15							J	DA28D0	01	DA28D0	00	1	TLD	A4	07B	DB28DB BUSS
08415		XA333	15		XA334	15		16B	9	P	DA28D0	16	DB28DB	13	1	TLD	A4	07B	TADDER TO BUS - 28
02764		XA333	16								GND		GROUND			TLD		01B	
02768		XA333	17		XA247	09		16B	9		AD25B4	03	DA25D0	01	1	TLD	B3	08A	
02788		XA333	18		XA247	38		16B	9		AD26B4	03	DA26D0	01	2	TLD	B2	10A	
06869		XA333	19		XA333	23		16B	9		DAADG0	02	DA25D0	01	2	TLD	B3	09B	
06878		XA333	20		XA333	10		16B	9		DAADG0	03	DA26D0	01	1	TLD	B2	11A	
07217		XA333	21							J	DA25D0	01	DA25D0	00	1	TLD	B3	10B	DB25DB BUSS
08244		XA333	21		XA334	21		16B	9	P	DA25D0	16	DB25DB	10	1	TLD	B3	10B	TADDER TO BUS - 25
07229		XA333	22							J	DA27D0	01	DA27D0	00	1	TLD	B1	12A	DB27DB BUSS
08352		XA333	22		XA334	22		16B	9	P	DA27D0	16	DB27DB	12	1	TLD	B1	12A	TADDER TO BUS - 27
06870		XA333	23		XA333	29		16B	9		DAADG0	03	DA24D0	01	1	TLD	B4	11B	
06877		XA333	24		XA333	20		16B	9		DAADG0	02	DA27D0	01	2	TLD	B1	13A	
02735		XA333	25		XA248	75		16B	9		AD24B4	03	DA24D0	01	2	TLD	B4	12B	
02810		XA333	26		XA247	48		16B	9		AD27B1	03	DA27D0	01	1	TLD	B1	14A	
07211		XA333	27							J	DA24D0	01	DA24D0	00	1	TLD	B4	13B	DB24DB BUSS
CONNECTOR XA333 CONTINUED ON THE NEXT PAGE ****																			

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DRAWING NUMBER 149012-880 CONNECTOR UNIT ASSEMBLY NAME CARD CAGE ASSY,CPU L.H. UNIT ASSEMBLY NO. 149012 REV E INDEX XA333 FILE IDENT T39B2CP1 DATE 09-03-82 PAGE 236

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											
08188		XA333	27		XA334	27		16B	9		DA240D	16	DB240B	11	1	TLD	B4	13B	TADDER TO BUS - 24	
00504		XA333	28								+5V	01				TLD				
06871		XA333	29		XA333	36		16B	9		DAADF0	04	CA210D	01	1	TLD	C3	14B		
07199		XA333	30								DA220D	01	DA220D	00	1	TLD	C2	15A	DB220B BUSS	
08086		XA333	30		XA334	30		16B	9		DA220D	14	DB220B	11	1	TLD	C2	15A	TADDER TO BUS - 22	
02666		XA333	31		XA248	22		16B	9		AD21B4	03	DA210D	01	2	TLD	C3	15B		
11369		XA333	32								GND	01	GRGUND			TLD		21B		
07193		XA333	33								DA210D	01	DA210D	00	1	TLD	C3	16B	DB210B BUSS	
08036		XA333	33		XA334	33		16B	9		DA210D	14	DB210B	11	1	TLD	C3	16B	TADDER TO BUS - 21	
02690		XA333	34		XA248	30		16B	9		AD22B4	03	DA220D	01	2	TLD	C2	16A		
02632		XA333	35		XA245	31		16B	9		AD20B4	03	DA200D	01	1	TLD	C4	17B		
06872		XA333	36		XA333	37		16B	9		DAADF0	05	DA220D	01	1	TLD	C2	17A		
06873		XA333	37		XA333	42		16B	9		DAADF0	06	DA200D	01	2	TLD	C4	18B		
07205		XA333	38								DA230D	01	DA230D	00	1	TLD	C1	18A	DB230B BUSS	
08136		XA333	38		XA334	38		16B	9		DA230D	14	DB230B	11	1	TLD	C1	18A	TADDER TO BUS - 23	
07187		XA333	39								DA200D	01	DA200D	00	1	TLD	C4	19B	DB200B BUSS	
07984		XA333	39		XA334	39		16B	9		DA200D	14	DB200B	11	1	TLD	C4	19B	TADDER TO BUS - 20	
02712		XA333	40		XA248	49		16B	9		AD23B1	03	DA230D	01	2	TLD	C1	19A		
02557		XA333	41		XA249	21		16B	9		AD17B4	03	DA170D	01	1	TLD	C3	22B		
06874		XA333	42		XA333	54		16B	9		DAADF0	07	DA230D	01	1	TLD	C1	20A		
06862		XA333	43		XA333	50		16B	9		DAADE0	02	DA170D	01	2	TLD	D3	23B		
11370		XA333	44								GND	01	GRGUND			TLD		27A		
07169		XA333	45								DA170D	01	DA170D	00	1	TLD	D3	24B	DB170B BUSS	
07842		XA333	45		XA334	45		16B	9		DA170D	14	DB170B	09	1	TLD	D3	24B	TADDER TO BUS - 17	
07175		XA333	46								DA180D	01	DA180D	00	1	TLD	D2	21A	DB180B BUSS	
07888		XA333	46		XA334	46		16B	9		DA180D	14	DB180B	10	1	TLD	D2	21A	TADDER TO BUS - 18	
02522		XA333	47		XA229	36		16B	9		AD16B4	02	DA160D	01	1	TLD	D4	25B		
02581		XA333	48		XA249	52		16B	9		AD18B4	03	DA180D	01	2	TLD	D2	22A		
06864		XA333	49		XA333	53		16B	9		DAADE0	04	DA160D	01	2	TLD	D4	26B		
06863		XA333	50		XA333	49		16B	9		DAADE0	03	DA180D	01	1	TLD	D2	23A		
07163		XA333	51								DA160D	01	DA160D	00	1	TLD	D4	27B	DB160B BUSS	
07796		XA333	51		XA334	51		16B	9		DA160D	14	DB160B	10	1	TLD	D4	27B	TADDER TO BUS - 16	
07181		XA333	52								DA190D	01	DA190D	00	1	TLD	D1	24A	DB190B BUSS	
07936		XA333	52		XA334	52		16B	9		DA190D	14	DB190B	10	1	TLD	D1	24A	TADDER TO BUS - 19	
06865		XA333	53		XA333	64		16B	9		DAADE0	05	DA130D	01	1	TLD	E3	28B		
06875		XA333	54								DAADF0	08	DA190D	01	2	TLD	D1	25A		
02444		XA333	55		XA344	01		16B	9		AD13B4	01	DA130D	01	2	TLD	E3	29B		
02603		XA333	56		XA249	62		16B	9		AD19B1	03	DA190D	01	1	TLD	D1	26A		
07145		XA333	57								DA130D	01	DA130D	00	1	TLD	E3	30B	DB130B BUSS	
07686		XA333	57		XA334	57		16B	9		DA130D	10	DB130B	09	1	TLD	E3	30B	TADDER TO BUS - 13	
11371		XA333	58								GND	01	GRGUND			TLD		40A		
02417		XA333	59		XA348	79		16B	9		AD12B4	03	DA120D	01	1	TLD	E4	31B		
07151		XA333	60								DA140D	01	DA140D	00	1	TLD	E2	28A	DB140B BUSS	
07720		XA333	60		XA334	60		16B	9		DA140D	10	DB140B	08	1	TLD	E2	28A	TADDER TO BUS - 14	
06858		XA333	61		XA323	64		16B	9		DAADD0	06	DA120D	01	2	TLD	E4	32B		
02471		XA333	62		XA150	74		16B	9		AD14B4	04	DA140D	01	2	TLD	E2	29A		
07139		XA333	63								DA120D	01	DA120D	00	1	TLD	E4	33B	DB120B BUSS	
07654		XA333	63		XA334	63		16B	9		DA120D	10	DB120B	09	1	TLD	E4	33B	TADDER TO BUS - 12	
06866		XA333	64		XA333	68		16B	9		DAADE0	06	DA140D	01	1	TLD	E2	30A		
06857		XA333	65		XA333	61		16B	9		DAADD0	05	DA090D	01	1	TLD	F3	34B		
CONNECTOR XA333 CONTINUED ON THE NEXT PAGE ****																				

DRAWING NUMBER 149012-880 CONNECTOR UNIT ASSEMBLY NAME CARD CAGE ASSY,CPU L.H. UNIT ASSEMBLY NO. 149012 REV E INDEX XA333 FILE IDENT T39B2CP1 DATE 09-03-82 PAGE 237

RECORD NUMBER	FROM				TO				WIRE				SIGNAL	SFG NO	EQUATION	TERM FACTOR	CMT OR CHIP TYPE	GROUP	LOAD OR POWER PLANS	TEST POINTS AND/OR	SIGNAL DESCRIPTION	ECO NO	
	PREFIX	CONNECTOR	PIN	SH 12	PREFIX	CONNECTOR	PIN	SH 12	MULTI GROUP	CODE	COLOR	DENT											SPEC INST PLUS
07157		XA333	66										J	DA15DD	01	DA15DD	00	1	TLD	E1	31A	DB15DB BUSS	
07754		XA333	66		XA334	66			16B	9			P	DA15DD	10	DB15DB	08	1	TLD	E1	31A	TADDER TO BUS - 15	
11372		XA333	67											GND	01	GROUND			TLD				
06867		XA333	68						16B	9				DAADE0	07	DA15DD	01	2	TLD	E1	32A		
07121		XA333	69										J	DA09DD	01	DA09DD	00	1	TLD	F3	35A	DB09DB BUSS	
07554		XA333	69		XA334	69			16B	9			P	DA09DD	10	DB09DB	07	1	TLD	F3	35A	TADDER TO BUS - 09	
02493		XA333	70		XA229	42			16B	9				AD15B1	02	DA15DD	01	1	TLD	E1	33A		
02362		XA333	71		XA348	30			16B	9				AD10B4	03	DA10DD	01	2	TLD	F2	36A		
07127		XA333	72										J	DA10DD	01	DA10DD	00	1	TLD	F2	34A	DB10DB BUSS	
07586		XA333	72		XA334	72			16B	9			P	DA10DD	10	DB10DB	06	1	TLD	F2	34A	TADDER TO BUS - 10	
06856		XA333	73		XA333	65			16B	9				DAADD0	04	DA10DD	01	1	TLD	F2	36B		
02340		XA333	74		XA348	22			16B	9				AD09B4	03	DA09DD	01	2	TLD	F3	35B		
07135		XA333	75										J	DA11DD	01	DA11DD	00	1	TLD	F1	37B	DB11DB BUSS	
07620		XA333	75		XA334	75			16B	9			P	DA11DD	10	DB11DB	09	1	TLD	F1	37B	TADDER TO BUS - 11	
02310		XA333	76		XA229	20			16B	9				AD08B4	02	DA08DD	01	1	TLD	F4	37A		
02389		XA333	77		XA217	64			16B	9				AD11B1	02	DA11DD	01	2	TLD	F4	38B		
06855		XA333	78		XA333	73			16B	9				DAADD0	03	DA08DD	01	2	TLD	F4	38A		
06854		XA333	79		XA333	78			16B	9				DAADD0	02	DA11DD	01	1	TLD	F1	39B		
07115		XA333	80										J	DA08DD	01	DA08DD	00	1	TLD	F4	39A	DB08DB BUSS	
07522		XA333	80		XA334	80			16B	9			P	DA08DD	10	DB08DB	07	1	TLD	F4	39A	TADDER TO BUS - 08	
07246		XA334	01										J	DA30CD	01	DA30CD	00	1	TLD	A2	02B	DB30DB BUSS	
08536		XA334	01		XA335	04			16B	9			P	DA30CD	17	DB30DB	12	1	TLD	A2	02B	TAC REG. TO BUS -	
11373		XA334	02											GND	01	GROUND			TLD		01A		
01921		XA334	03		XA215	03			16B	9				AC29BQ	04	DA29CD	01	1	TLD	A3	02A		
06838		XA334	04		XA334	07			16B	9				DAACG0	06	DA30CD	01	1	TLD	A2	04A		
01940		XA334	05		XA214	17			16B	9				AC30BQ	04	DA30CD	01	2	TLD	A2	03B		
07252		XA334	06										J	DA31CD	01	DA31CD	00	1	TLD	A1	05A	DB31DB BUSS	
08596		XA334	06		XA335	08			16B	9			P	DA31CD	17	DB31DB	12	1	TLD	A1	05A	TAC REG. TO BUS -	
06839		XA334	07						16B	9				DAACG0	07	DA29CD	01	2	TLD	A3	03A		
01959		XA334	08		XA236	78			16B	9				AC31BQ	03	DA31CD	01	2	TLD	A1	06A		
07240		XA334	09										J	DA29CD	01	DA29CD	00	1	TLD	A3	04B	DB29DB BUSS	
08476		XA334	09		XA335	03			16B	9			P	DA29CD	17	DB29DB	12	1	TLD	A3	04B	TAC REG. TO BUS -	
06836		XA334	10		XA334	13			16B	9				DAACG0	04	DA31CD	01	1	TLD	A1	07A		
01901		XA334	11		XA223	61			16B	9				AC28BQ	04	DA28CD	01	1	TLD	A4	05B		
00505		XA334	12											+5V	01				TLD				
06837		XA334	13		XA334	04			16B	9				DAACG0	05	DA28CD	01	2	TLD	A4	06B		
07222		XA334	14										J	DA26CD	01	DA26CD	00	1	TLD	B2	09A	DB26DB BUSS	
08299		XA334	14		XA335	20			16B	9			P	DA26CD	17	DB26DB	11	1	TLD	B2	09A	TAC REG. TO BUS -	
07234		XA334	15										J	DA28CD	01	DA28CD	00	1	TLD	A4	07B	DB28DB BUSS	
08416		XA334	15		XA335	11			16B	9			P	DA28CD	17	DB28DB	12	1	TLD	A4	07B	TAC REG. TO BUS -	
11374		XA334	16											GND	01	GROUND			TLD		01B		
01836		XA334	17		XA215	29			16B	9				AC25BQ	04	DA25CD	01	1	TLD	B3	08B		
01855		XA334	18		XA214	29			16B	9				AC26BQ	04	DA26CD	01	2	TLD	B2	10A		
06826		XA334	19		XA334	23			16B	9				DAACF0	02	DA25CD	01	2	TLD	B3	09B		
06835		XA334	20		XA334	10			16B	9				DAACG0	03	DA26CD	01	1	TLD	B2	11A		
07216		XA334	21										J	DA25CD	01	DA25CD	00	1	TLD	B3	10B	DB25DB BUSS	
08245		XA334	21		XA335	17			16B	9			P	DA25CD	17	DB25DB	09	1	TLD	B3	10B	TAC REG. TO BUS -	
07228		XA334	22										J	DA27CD	01	DA27CD	00	1	TLD	B1	12A	DB27DB BUSS	
CONNECTOR (XA334) CONTINUED ON THE NEXT PAGE ****																							

DRAWING NUMBER 149012-880 CONNECTOR UNIT ASSEMBLY NAME CARD CAGE ASSY,CPU L.H. UNIT ASSEMBLY NO. 149012 FILE IDENT T39B2CP1 REV E INDEX XA334 DATE 09-03-82 PAGE 238

RECORD NUMBER	FROM			TO			WIRE				SIGNAL	SFD NO.	EQUATION	Y	Z	TYPE	QNT OR CHIP TYPE	QNT	LOAD OR POWER PLANE	TEST POINTS (END OF)	SIGNAL DESCRIPTION	ECO NO.
	PREFIX	CONNECTOR	PIN	PREFIX	CONNECTOR	PIN	MULTI GROUP	CODE	EDITION	IDENT												
08353		XA334	22		XA335	26		16B	9		P	DA27CD	07	DB27DB	11	1	TLD	B1	12A	TAC REG. TO BUS -		
06827		XA334	23		XA334	29		16B	9			DAACF0	13	DA24CD	01	1	TLD	B4	11B			
06834		XA334	24		XA334	20		16B	9			DAACG0	02	DA27CD	01	2	TLD	B1	13A			
01816		XA334	25		XA216	41		16B	9			AC24BQ	04	DA24CD	01	2	TLD	B4	12B			
01872		XA334	26		XA223	55		16B	9			AC27BQ	04	DA27CD	01	1	TLD	B1	14A			
07210		XA334	27								J	DA24CD	01	DA24CD	00	1	TLD	B4	13B	DB24DB BUSS		
08189		XA334	27		XA335	23		16B	9		P	DA24CD	17	DB24DB	10	1	TLD	B4	13B	TAC REG. TO BUS -		
00506		XA334	28									+5V	01				TLD					
06826		XA334	29		XA334	36		16B	9			DAACF0	04	DA21CD	01	1	TLD	C3	14B			
07198		XA334	30								J	DA22CD	01	DA22CD	00	1	TLD	C2	15A	DB22DB BUSS		
06087		XA334	30		XA335	36		16B	9		P	DA22CD	15	DB22DB	10	1	TLD	C2	15A	TAC REG. TO BUS -		
01753		XA334	31		XA216	17		16B	9			AC21BQ	04	DA21CD	01	2	TLD	C3	15B			
11375		XA334	32									GND	01	GROUND			TLD		21B			
07192		XA334	33								J	DA21CD	01	DA21CD	00	1	TLD	C3	16B	DB21DB BUSS		
08037		XA334	33		XA335	29		16B	9		P	DA21CD	15	DB21DB	10	1	TLD	C3	16B	TAC REG. TO BUS -		
01767		XA334	34		XA248	68		16B	9			AC22BQ	01	DA22CD	01	2	TLD	C2	16A			
01733		XA334	35		XA214	41		16B	9			AC20BQ	04	DA20CD	01	1	TLD	C4	17B			
06829		XA334	36		XA334	37		16B	9			DAACF0	05	DA22CD	01	1	TLD	C2	17A			
06830		XA334	37		XA334	42		16B	9			DAACF0	06	DA20CD	01	2	TLD	C4	18B			
07204		XA334	38								J	DA23CD	01	DA23CD	00	1	TLD	C1	18A	DB23DB BUSS		
08137		XA334	38		XA335	42		16B	9		P	DA23CD	15	DB23DB	10	1	TLD	C1	18A	TAC REG. TO BUS -		
07186		XA334	39								J	DA20CD	01	DA20CD	00	1	TLD	C4	19B	DB20DB BUSS		
07985		XA334	39		XA335	35		16B	9		P	DA20CD	15	DB20DB	10	1	TLD	C4	19B	TAC REG. TO BUS -		
01784		XA334	40		XA248	71		16B	9			AC23BQ	01	DA23CD	01	2	TLD	C1	19A			
01662		XA334	41		XA237	43		16B	9			AC17BQ	02	DA17CD	01	1	TLD	D3	22B			
06831		XA334	42		XA334	54		16B	9			DAACF0	07	DA23CD	01	1	TLD	C1	20A			
06819		XA334	43		XA334	50		16B	9			DAACE0	02	DA17CD	01	2	TLD	D3	23B			
11376		XA334	44									GND	01	GROUND			TLD		27A			
07168		XA334	45								J	DA17CD	01	DA17CD	00	1	TLD	D3	24B	DB17DB BUSS		
07843		XA334	45		XA335	43		16B	9		P	DA17CD	15	DB17DB	08	1	TLD	D3	24B	TAC REG. TO BUS -		
07174		XA334	46								J	DA18CD	01	DA18CD	00	1	TLD	D2	21A	DB18DB BUSS		
07869		XA334	46		XA335	50		16B	9		P	DA18CD	15	DB18DB	09	1	TLD	D2	21A	TAC REG. TO BUS -		
01643		XA334	47		XA344	49		16B	9			AC16BQ	03	DA16CD	01	1	TLD	D4	25B			
01694		XA334	48		XA214	03		16B	9			AC18BQ	04	DA18CD	01	2	TLD	D2	22A			
06821		XA334	49		XA334	53		16B	9			DAACE0	04	DA16CD	01	2	TLD	D4	26B			
06820		XA334	50		XA334	49		16B	9			DAACE0	03	DA18CD	01	1	TLD	D2	23A			
07162		XA334	51								J	DA16CD	01	DA16CD	00	1	TLD	D4	27B	DB16DB BUSS		
07797		XA334	51		XA335	49		16B	9		P	DA16CD	15	DB16DB	09	1	TLD	D4	27B	TAC REG. TO BUS -		
07180		XA334	52								J	DA19CD	01	DA19CD	00	1	TLD	D1	24A	DB19DB BUSS		
07937		XA334	52		XA335	56		16B	9		P	DA19CD	15	DB19DB	09	1	TLD	D1	24A	TAC REG. TO BUS -		
06822		XA334	53		XA334	64		16B	9			DAACE0	05	DA13CD	01	1	TLD	E3	28B			
06832		XA334	54									DAACF0	08	DA19CD	01	2	TLD	D1	25A			
01571		XA334	55		XA237	19		16B	9			AC13BQ	03	DA13CD	01	2	TLD	E3	29B			
01713		XA334	56		XA223	19		16B	9			AC19BQ	04	DA19CD	01	1	TLD	D1	26A			
07144		XA334	57								J	DA13CD	01	DA13CD	00	1	TLD	E3	30B	DB13DB BUSS		
07687		XA334	57		XA335	55		16B	9		P	DA13CD	11	DB13DB	08	1	TLD	E3	30B	TAC REG. TO BUS -		
11577		XA334	58									GND	01	GROUND			TLD		40A			
01553		XA334	59		XA237	25		16B	9			AC12BQ	03	DA12CD	01	1	TLD	E4	31B			
07150		XA334	60								J	DA14CD	01	DA14CD	00	1	TLD	E2	28A	DB14DB BUSS		
07721		XA334	60		XA335	64		16B	9		P	DA14CD	11	DB14DB	07	1	TLD	E2	28A	TAC REG. TO BUS -		

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

DRAWING NUMBER 149012-880 CONNECTOR UNIT ASSEMBLY NAME CARD CAGE ASSY,CPU L.H. UNIT ASSEMBLY NO. 149012 REV E INDEX XA334 FILE IDENT T39B2CP1 DATE 09-03-82 PAGE 239

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												
06811		XA334	61		XA334	65		16B	9		DAACD0	02	DA12CD	01	2	TLD	E4		32B		
01586		XA334	62		XA344	48		16B	9		AC148Q	01	DA14CD	01	2	TLD	E2		29A		
07138		XA334	63							J	DA12CD	01	DA12CD	03	1	TLD	E4		33B	DB12DB BUSS	
07655		XA334	63		XA335	61		16B	9		DA12CD	11	DB12DB	08	1	TLD	E4		33B	TAC REG. TO BUS -	
06823		XA334	64		XA334	68		16B	9		DAACE0	06	DA14CD	01	1	TLD	E2		30A		
06812		XA334	65		XA334	73		16B	9		DAACD0	03	DA09CD	01	1	TLD	F3		34B		
07156		XA334	66							J	DA15CD	01	DA15CD	00	1	TLD	E1		31A	DB15DB BUSS	
07755		XA334	66		XA335	70		16B	9		DA15CD	11	DB15DB	07	1	TLD	E1		31A	TAC REG. TO BUS -	
01529		XA334	67								GND	01	GROUND			TLD					
06824		XA334	68					16B	9		DAACE0	07	DA15CD	01	2	TLD	E1		32A		
07120		XA334	69							J	DA09CD	01	DA09CD	00	1	TLD	F3		35A	DB09DB BUSS	
07555		XA334	69		XA335	74		16B	9		DA09CD	11	DB09DB	06	1	TLD	F3		35A	TAC REG. TO BUS -	
01603		XA334	70		XA344	59		16B	9		AC15BQ	01	DA15CD	01	1	TLD	E1		33A		
01512		XA334	71		XA348	66		16B	9		AC10BQ	01	DA10CD	01	2	TLD	F2		36A		
07126		XA334	72							J	DA10CD	01	DA10CD	00	1	TLD	F2		34A	DB10DB BUSS	
07587		XA334	72		XA335	73		16B	9		DA10CD	11	DB10DB	05	1	TLD	F2		34A	TAC REG. TO BUS -	
06813		XA334	73		XA334	78		16B	9		DAACD0	04	DA10CD	01	1	TLD	F2		36B		
01498		XA334	74		XA219	17		16B	9		AC09BQ	04	DA09CD	01	2	TLD	F3		35B		
07132		XA334	75							J	DA11CD	01	DA11CD	00	1	TLD	F1		37B	DB11DB BUSS	
07621		XA334	75		XA335	79		16B	9		DA11CD	11	DB11DB	08	1	TLD	F1		37B	TAC REG. TO BUS -	
01475		XA334	76		XA349	79		16B	9		AC08BQ	01	DA08CD	01	1	TLD	F4		37A		
01535		XA334	77		XA217	53		16B	9		AC11BQ	03	DA11CD	01	2	TLD	F1		38B		
06814		XA334	78		XA334	79		16B	9		DAACD0	05	DA08CD	01	2	TLD	F4		38A		
06815		XA334	79		XA324	68		16B	9		DAACD0	06	DA11CD	01	1	TLD	F1		39B		
07114		XA334	80							J	DA08CD	01	DA08CD	00	1	TLD	F4		39A	DB08DB BUSS	
07523		XA334	80		XA335	78		16B	9		DA08CD	11	DB08DB	06	1	TLD	F4		39A	TAC REG. TO BUS -	
08513		XA335	01		XA246	18		16B	9		DB30A0	01	DB30A0	00	1	TQ2	A2		02B	DATA BUS RCVR - 3	
11378		XA335	02								GND	01	GROUND			TQ2			01A		
08477		XA335	03		XA336	07		16B	9		DB29DB	18	DB29A0	01	1	TQ2	A3		02A	DATA BUS- 29	
08537		XA335	04		XA336	04		16B	9		DB30DB	18	DB30A0	01	1	TQ2	A2		04A	DATA BUS- 30	
16815		XA335	05					16B	9		SPA066	11	DB30A0	01	2	TQ2	A2		03B		
08573		XA335	06		XA246	33		16B	9		DB31A0	01	DB31A0	00	1	TQ2	A1		05A	DATA BUS RCVR - 3	
16816		XA335	07		XA335	10		16B	9		SPA067	01	DB29A0	01	2	TQ2	A3		03A		
08597		XA335	08		XA336	10		16B	9		DB31DB	18	DB31A0	01	2	TQ2	A1		06A	DATA BUS- 31	
08453		XA335	09		XA246	06		16B	9		DB29A0	01	DB29A0	00	1	TQ2	A3		04B	DATA BUS RCVR - 2	
16817		XA335	10		XA335	13		16B	9		SPA067	02	DB31A0	01	1	TQ2	A1		07A		
08417		XA335	11		XA336	13		16B	9		DB28DB	18	DB28A0	01	1	TQ2	A4		05B	DATA BUS- 28	
00507		XA335	12								+5V	01				TQ2					
16818		XA335	13		XA335	18		16B	9		SPA067	03	DB28A0	01	2	TQ2	A4		06B		
08279		XA335	14		XA247	23		16B	9		DB26A0	01	DB26A0	00	1	TQ2	B2		09A	DATA BUS RCVR - 2	
08390		XA335	15		XA246	76		16B	9		DB28A0	01	DB28A0	00	1	TQ2	A4		07B	DATA BUS RCVR - 2	
08322		XA335	16								GND		GROUND			TQ2			01B		
08246		XA335	17		XA336	19		16B	9		DB25DB	18	DB25A0	01	1	TQ2	B3		08B	DATA BUS- 25	
16819		XA335	18		XA335	19		16B	9		SPA067	04	DB26A0	01	2	TQ2	B2		10A		
16820		XA335	19		XA335	24		16B	9		SPA067	05	DB25A0	01	2	TQ2	B3		09B		
08300		XA335	20		XA336	20		16B	9		DB26DB	18	DB26A0	01	1	TQ2	B2		11A	DATA BUS- 26	
08225		XA335	21		XA247	01		16B	9		DB25A0	01	DB25A0	00	1	TQ2	B3		10B	DATA BUS RCVR - 2	
08333		XA335	22		XA247	52		16B	9		DB27A0	01	DB27A0	00	1	TQ2	B1		12A	DATA BUS RCVR - 2	
CONNECTOR XA335 CCNTINUED CN THE NEXT PAGE ****																					

DRAWING NUMBER 149012-880 CONNECTOR UNIT ASSEMBLY NO. 149012 REV E INDEX XA335
 UNIT ASSEMBLY NAME CARD CAGE ASSY,CPU L.H. FILE IDENT T39B2CP1 DATE 09-03-82 PAGE 240

RECORD NUMBER	FROM				TO				WIRE				SIGNAL	SEQ NO	EQUATION	TERM	FACT	CKT OP CHIP TYPE	GROUP	LOAD GP POINTS PLANE	TEST POINTS AVAIL OR	SIGNAL DESCRIPTION	ECO NO
	PREFIX	CONNECTOR	PIN	OLE	PREFIX	CONNECTOR	PIN	OLE	MULTI GROUP	CODE	COLOR	IDENT											
08190		XA335	23		XA336	25			16B	9			DB240B	18	DB24A0	01	1	TQ2	B4		11B	DATA BUS- 24	
16821		XA335	24		XA335	25			16B	9			SPA067	06	DB27A0	01	2	TQ2	B1		13A		
16822		XA335	25		XA335	31			16B	9			SPA067	07	DB24A0	01	2	TQ2	B4		12B		
08354		XA335	26		XA336	24			16B	9			DB270B	18	DB27A0	01	1	TQ2	B1		14A	DATA BUS- 27	
08169		XA335	27		XA248	59			16B	9			DB24A0	01	DB24A0	00	1	TQ2	B4		13B	DATA BUS RCVR - 2	
00508		XA335	28										+5V	01				TQ2					
08038		XA335	29		XA336	31			16B	9			DB210B	16	DB21A0	01	1	TQ2	C3		14B	DATA BUS- 21	
08069		XA335	30		XA248	38			16B	9			DB22A0	01	DB22A0	00	1	TQ2	C2		15A	DATA BUS RCVR - 2	
16823		XA335	31		XA335	34			16B	9			SPA067	08	DB21A0	01	2	TQ2	C3		15B		
08046		XA335	32										GND	02	GROUND			TQ2			20B		
08019		XA335	33		XA248	09			16B	9			DB21A0	01	DB21A0	00	1	TQ2	C3		16B	DATA BUS RCVR - 2	
16824		XA335	34		XA335	37			16B	9			SPA067	09	DB22A0	01	2	TQ2	C2		16A		
07986		XA335	35		XA336	37			16B	9			DB200B	16	DB20A0	01	1	TQ2	C4		17B	DATA BUS- 20	
08088		XA335	36		XA336	36			16B	9			DB220B	16	DB22A0	01	1	TQ2	C2		17A	DATA BUS- 22	
16825		XA335	37		XA343	05			16B	9			SPA067	10	DB20A0	01	2	TQ2	C4		18B		
08119		XA335	38		XA248	48			16B	9			DB23A0	01	DB23A0	00	1	TQ2	C1		18A	DATA BUS RCVR - 2	
07967		XA335	39		XA249	71			16B	9			DB20A0	01	DB20A0	00	1	TQ2	C4		19B	DATA BUS RCVR - 2	
16827		XA335	40		XA335	41			16B	9			SPA068	01	DB23A0	01	2	TQ2	C1		19A		
16828		XA335	41		XA335	47			16B	9			SPA068	02	DB17A0	01	1	TQ2	D3		22B		
08138		XA335	42		XA336	40			16B	9			DB230B	16	DB23A0	01	1	TQ2	C1		20A	DATA BUS- 23	
07844		XA335	43		XA336	43			16B	9			DB170B	16	DB17A0	01	2	TQ2	D3		23B	DATA BUS- 17	
07823		XA335	44										GND		GROUND			TQ2			21B		
07825		XA335	45		XA249	18			16B	9			DB17A0	01	DB17A0	00	1	TQ2	D3		24F	DATA BUS RCVR - 1	
07871		XA335	46		XA249	37			16B	9			DB18A0	01	DB18A0	00	1	TQ2	D2		21A	DATA BUS RCVR - 1	
16829		XA335	47		XA335	48			16B	9			SPA068	03	DB16A0	01	1	TQ2	D4		25B		
16830		XA335	48		XA335	53			16B	9			SPA068	04	DB18A0	01	2	TQ2	D2		22A		
07798		XA335	49		XA336	49			16B	9			DB160B	16	DB16A0	01	2	TQ2	D4		26B	DATA BUS- 16	
07890		XA335	50		XA336	50			16B	9			DB180B	16	DB18A0	01	1	TQ2	D2		23A	DATA BUS- 18	
07778		XA335	51		XA126	38			16B	9			DB16A0	04	DB16A0	00	1	TQ2	D4		27B	DATA BUS RCVR - 1	
07919		XA335	52		XA249	66			16B	9			DB19A0	01	DB19A0	00	1	TQ2	D1		24A	DATA BUS RCVR - 1	
16831		XA335	53		XA335	54			16B	9			SPA068	05	DB13A0	01	1	TQ2	E3		28B		
16832		XA335	54		XA335	59			16B	9			SPA068	06	DB19A0	01	2	TQ2	D1		25A		
07688		XA335	55		XA336	53			16B	9			DB130B	12	DB13A0	01	2	TQ2	E3		29B	DATA BUS- 13	
07938		XA335	56		XA336	56			16B	9			DB190B	16	DB19A0	01	1	TQ2	D1		26A	DATA BUS- 19	
07673		XA335	57		XA344	06			16B	9			DB13A0	01	DB13A0	00	1	TQ2	F3		30B	DATA BUS RCVR - 1	
07773		XA335	58										GND		GROUND			TQ2			27A		
16833		XA335	59		XA335	62			16B	9			SPA068	07	DB12A0	01	1	TQ2	E4		31B		
07707		XA335	60		XA344	14			16B	9			DB14A0	01	DB14A0	00	1	TQ2	E2		28A	DATA BUS RCVR - 1	
07656		XA335	61		XA336	59			16B	9			DB120B	12	DB12A0	01	2	TQ2	E4		32B	DATA BUS- 12	
16834		XA335	62		XA335	65			16B	9			SPA068	08	DB14A0	01	2	TQ2	E2		29A		
07641		XA335	63		XA348	61			16B	9			DB12A0	01	DB12A0	00	1	TQ2	E4		33B	DATA BUS RCVR - 1	
07722		XA335	64		XA336	62			16B	9			DB140B	12	DB14A0	01	1	TQ2	E2		30A	DATA BUS- 14	
16835		XA335	65		XA335	68			16B	9			SPA068	09	DB09A0	01	1	TQ2	F3		34B		
07741		XA335	66		XA344	37			16B	9			DB15A0	01	DB15A0	00	1	TQ2	F1		31A	DATA BUS RCVR - 1	
07507		XA335	67										GND		GROUND			TQ2			40A		
16836		XA335	68		XA343	06			16B	9			SPA068	10	DB15A0	01	2	TQ2	E1		32A		
07541		XA335	69		XA348	13			16B	9			DB09A0	01	DB09A0	00	1	TQ2	F3		35A	DATA BUS RCVR - 0	
07756		XA335	70		XA336	68			16B	9			DB150B	12	DB15A0	01	1	TQ2	E1		33A	DATA BUS- 15	
16838		XA335	71		XA335	76			16B	9			SPA069	01	DB10A0	01	2	TQ2	F2		36A		
07573		XA335	72		XA348	38			16B	9			DB10A0	01	DB10A0	00	1	TQ2	F2		34A	DATA BUS RCVR - 1	
CONNECTOR (XA335) CONTINUED ON THE NEXT PAGE ****																							

DRAWING NUMBER 149012-880 CONNECTOR UNIT ASSEMBLY NO. 149012 REV E INDEX XA335
 UNIT ASSEMBLY NAME CARD CAGE ASSY,CPU L.H. FILE IDENT T39B2CP1 DATE 09-03-82 PAGE 241

RECORD NUMBER	FROM			TO			WIRE				SPEC INST MISC	SIGNAL	SQ NO	EQUATION	TERM	FACT	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												
07588		XA335	73		XA336	71						DB10DB	12	DB10A0	01	1	TQ2	F2				
07556		XA335	74		XA336	65			16B	9		DB09DB	12	DB09A0	01	2	TQ2	F3		36B	DATA BUS- 10	
07607		XA335	75		XA348	46			16B	9		DB11A0	01	DB11A0	00	1	TQ2	F1		35B	DATA BUS- 09	
16839		XA335	76		XA335	77			16B	9		SPA069	02	DB08A0	01	1	TQ2	F4		37B	DATA BUS RCVR - 1	
16840		XA335	77		XA336	03			16B	9		SPA069	03	DB11A0	01	2	TQ2	F1		37A		
07524		XA335	78		XA336	76			16B	9		DB08DB	12	DB08A0	01	2	TQ2	F4		38B	DATA BUS- 08	
07622		XA335	79		XA336	77			16B	9		DB11DB	12	DB11A0	01	1	TQ2	F1		38A		
07510		XA335	80		XA128	38			16B	9		DB08A0	02	DB08A0	00	1	TQ2	F4		39B	DATA BUS- 11	
																				39A	DATA BUS RCVR - 0	
08565		XA336	01		XA314	05			16B	9		DB30M0	06	DB30M0	00	1	TQ2	A2				
08619		XA336	02									GND		GROUND			TQ2			02B		
16841		XA336	03		XA336	05			16B	9		SPA069	04	DB29M0	01	1	TQ2	A3		01A		
08538		XA336	04		XA338	52			16B	9		DB30DB	19	DB30M0	01	1	TQ2	A2		02A	DATA BUS- 30	
16842		XA336	05		XA336	08			16B	9		SPA069	05	DB30M0	01	2	TQ2	A2		04A		
08625		XA336	06		XA314	08			16B	9		DB31M0	06	DB31M0	00	1	TQ2	A1		03B		
08478		XA336	07		XA338	48			16B	9		DB29DB	19	DB29M0	01	2	TQ2	A3		03A	DATA BUS- 29	
16843		XA336	08		XA336	11			16B	9		SPA069	06	DB31M0	01	2	TQ2	A1		05A		
08505		XA336	09		XA314	03			16B	9		DB29M0	06	DB29M0	00	1	TQ2	A3		06A		
08598		XA336	10		XA338	33			16B	9		DB31DB	19	DB31M0	01	1	TQ2	A1		04B		
16644		XA336	11		XA336	17			16B	9		SPA069	07	DB28M0	01	1	TQ2	A4		07A	DATA BUS- 31	
00509		XA336	12									+5V	01				TQ2			05B		
08418		XA336	13		XA338	49			16B	9		DB28DB	19	DB28M0	01	2	TQ2	A4		06B	DATA BUS- 28	
08328		XA336	14		XA314	20			16B	9		DB26M0	06	DB26M0	00	1	TQ2	B2		09A		
08445		XA336	15		XA314	11			16B	9		DB28M0	06	DB28M0	00	1	TQ2	A4		07B		
08439		XA336	16									GND		GROUND			TQ2			01B		
16845		XA336	17		XA336	18			16B	9		SPA069	08	DB25M0	01	1	TQ2	B3		08B		
16846		XA336	18		XA336	23			16B	9		SPA069	09	DB26M0	01	2	TQ2	B2		08A		
08247		XA336	19		XA338	61			16B	9		DB25DB	19	DB25M0	01	2	TQ2	B3		10A	DATA BUS- 25	
08301		XA336	20		XA338	53			16B	9		DB26DB	19	DB26M0	01	1	TQ2	B2		09B	DATA BUS- 26	
08274		XA336	21		XA314	19			16B	9		DB25M0	06	DB25M0	00	1	TQ2	B3		11A		
08382		XA336	22		XA314	26			16B	9		DB27M0	06	DB27M0	00	1	TQ2	B1		10B		
16847		XA336	23		XA343	07			16B	9		SPA069	10	DB24M0	01	1	TQ2	B4		12A		
08355		XA336	24		XA338	66			16B	9		DB27DB	19	DB27M0	01	2	TQ2	B1		11B	DATA BUS- 27	
08191		XA336	25		XA338	79			16B	9		DB24DB	19	DB24M0	01	2	TQ2	B4		13A	DATA BUS- 24	
16849		XA336	26		XA336	29			16B	9		SPA070	01	DB27M0	01	1	TQ2	B1		12B		
08218		XA336	27		XA314	25			16B	9		DB24M0	06	DB24M0	00	1	TQ2	B4		14A		
00510		XA336	28									+5V	01				TQ2			13B		
16850		XA336	29		XA336	34			16B	9		SPA070	02	DB21M0	01	1	TQ2	C3				
08114		XA336	30		XA314	34			16B	9		DB22M0	04	DB22M0	00	1	TQ2	C2		14B		
08039		XA336	31		XA339	48			16B	9		DB21DB	17	DB21M0	01	2	TQ2	C3		15A	DATA BUS- 21	
08110		XA336	32									GND		GROUND			TQ2			15B		
08064		XA336	33		XA314	31			16B	9		DB21M0	04	DB21M0	00	1	TQ2	C3		20B		
16851		XA336	34		XA336	35			16B	9		SPA070	03	DB22M0	01	2	TQ2	C2		16A		
16852		XA336	35		XA336	41			16B	9		SPA070	04	DB20M0	01	1	TQ2	C4		17B		
08069		XA336	36		XA338	78			16B	9		DB22DB	17	DB22M0	01	1	TQ2	C2		17A	DATA BUS- 22	
07987		XA336	37		XA339	49			16B	9		DB20DB	17	DB20M0	01	2	TQ2	C4		18B	DATA BUS- 20	
08164		XA336	38		XA314	42			16B	9		DB23M0	04	DB23M0	00	1	TQ2	C1		18A		
08012		XA336	39		XA314	37			16B	9		DB20M0	04	DB20M0	00	1	TQ2	C4		19B		
08139		XA336	40		XA338	65			16B	9		DB23DB	17	DB23M0	01	2	TQ2	C1		19A	DATA BUS- 23	
CONNECTOR (XA336) CONTINUED ON THE NEXT PAGE ****																						

DRAWING NUMBER 149012-880 CONNECTOR
UNIT ASSEMBLY NAME CARD CAGE ASSY,CPU L.H.

UNIT ASSEMBLY NO. 149012 REV E INDEX XA336
FILE IDENT T39B2CP1 DATE 09-03-82 PAGE 242

DRAWING NUMBER 149012-880 CONNECTOR UNIT ASSEMBLY NO. 149012 REV E INDEX XA337
 UNIT ASSEMBLY NAME CARD CAGE ASSY,CPU L.H. FILE IDENT T39B2CP1 DATE 09-03-82 PAGE 243

RECORD NUMBER	FROM			TO			MULTI GROUP	CODE	COL. C	IDENT	SIGNAL	SEC NO	EQUATION	TMIN	TMAX	CAT OR CHIP TYPE	GROUP	LOAD OR POWER PLANE	TEST POINTS ANCHOR	SIGNAL DESCRIPTION	ECO NO
	PREFIX	CONNECTOR	PIN	PREFIX	CONNECTOR	PIN															
06853	XA337	09		XA333	79			168	9		DAADD0	01	DAADD0	00	1	TQ2	A3		04B	AD 06-12 TO DB 06	
06795	XA337	10		XA337	04			168	9		DAACCA	03	DAAC00	01	1	TQ2	A1		07A		
06842	XA337	11		XA337	07			168	9		DAADCA	03	DAADE0	01	1	TQ2	A4		05B		
00511	XA337	12									+5V	01									
16871	XA337	13		XA337	18			168	9		SPA072	01	DAADE0	01	2	TQ2	A4		06B		
06833	XA337	14		XA334	24			168	9		DAACG0	01	DAACG0	00	1	TQ2	B2		09A	AC 26-31 TO DB 26	
06861	XA337	15		XA333	43			168	9		DAADE0	01	DAADE0	00	1	TQ2	A4		07B	AD 13-18 TO DB 13	
10760	XA337	16									GND		GROUND			TQ2			01B		
08841	XA337	17		XA337	11			168	9		DAADCA	02	DAADF0	01	1	TQ2	B3		08B		
16872	XA337	18		XA337	19			168	9		SPA072	02	DAACG0	01	2	TQ2	B2		10A		
16873	XA337	19		XA337	25			168	9		SPA072	03	DAADF0	01	2	TQ2	B3		09B		
06798	XA337	20		XA337	10			168	9		DAACCA	02	DAACG0	01	1	TQ2	B2		11A		
06868	XA337	21		XA333	19			168	9		DAADF0	01	DAADF0	00	1	TQ2	B3		10B	AD 19-25 TO DB 19	
06825	XA337	22		XA334	19			168	9		DAACF0	01	DAACF0	00	1	TQ2	B1		12A	AC 19-25 TO DB 19	
06840	XA337	23		XA337	17			168	9		DAADCA	01	DAADG0	01	1	TQ2	B4		11B		
06797	XA337	24		XA337	20			168	9		DAACCA	01	DAACF0	01	2	TQ2	B1		13A		
16874	XA337	25		XA337	26			168	9		SPA072	04	DAADG0	01	2	TQ2	B4		12B		
16875	XA337	26		XA337	29			168	9		SPA072	05	DAACF0	01	1	TQ2	B1		14A		
06876	XA337	27		XA333	24			168	9		DAADG0	01	DAADG0	00	1	TQ2	B4		13B	AD 26-31 TO DB 26	
00512	XA337	28									+5V	01				TQ2					
16876	XA337	29		XA337	34			168	9		SPA072	06	DB05A0	01	1	TQ2	C3		14B		
07443	XA337	30		XA349	37			168	9		DB06A0	01	DB06A0	00	1	TQ2	C2		15A	DATA BUS RCVR - 0	
07427	XA337	31		XA341	48			168	9		DB05DB	13	DB05A0	01	2	TQ2	C3		15B	DATA BUS-05	
07473	XA337	32									GND	01	GROUND			TQ2			20B		
07411	XA337	33		XA349	18			168	9		DB05A0	01	DB05A0	00	1	TQ2	C3		16B	DATA BUS RCVR - 0	
16877	XA337	34		XA337	35			168	9		SPA072	07	DB06A0	01	2	TQ2	C2		16A		
16878	XA337	35		XA337	40			168	9		SPA072	08	DB04A0	01	1	TQ2	C4		17B		
07459	XA337	36		XA341	52			168	9		DB06DB	13	DB06A0	01	1	TQ2	C2		17A	DATA BUS-06	
07397	XA337	37		XA341	49			168	9		DB04DB	13	DB04A0	01	2	TQ2	C4		18B	DATA BUS- 04	
07476	XA337	38		XA151	78			168	9		DB07A0	02	DB07A0	00	1	TQ2	C1		18A	DATA BUS RCVR - 0	
07381	XA337	39		XA349	06			168	9		DB04A0	01	DB04A0	00	1	TQ2	C4		19B	DATA BUS RCVR - 0	
16879	XA337	40		XA337	41			168	9		SPA072	09	DB07A0	01	2	TQ2	C1		19A		
16880	XA337	41		XA343	10			168	9		SPA072	10	DB01A0	01	1	TQ2	03		22B		
07493	XA337	42		XA341	33			168	9		DB07DB	13	DB07A0	01	1	TQ2	C1		20A	DATA BUS-07	
07309	XA337	43		XA341	61			168	9		DB01DB	13	DB01A0	01	2	TQ2	03		23B	DATA BUS- 01	
11380	XA337	44									GND	01	GROUND			TQ2			21B		
07293	XA337	45		XA350	38			168	9		DB01A0	01	DB01A0	00	1	TQ2	03		24B	DATA BUS RCVR - 0	
07323	XA337	46		XA350	46			168	9		DB02A0	01	DB02A0	00	1	TQ2	02		21A	DATA BUS RCVR - 0	
16882	XA337	47		XA337	48			168	9		SPA073	01	DB00A0	01	1	TQ2	04		25B		
16883	XA337	48		XA337	54			168	9		SPA073	02	DB02A0	01	2	TQ2	02		22A		
07278	XA337	49		XA337	76			168	9		DB00DB	12	DB00A0	01	2	TQ2	04		26B	DATA BUS- 00	
07338	XA337	50		XA337	71			168	9		DB02DB	12	DB02A0	01	1	TQ2	02		23A	DATA BUS- 02	
07260	XA337	51		XA242	79			168	9		DB00A0	01	DB00A0	00	1	TQ2	04		27B	DATA BUS RCVR - 0	
07354	XA337	52		XA129	52			168	9		DB03A0	02	DB03A0	00	1	TQ2	01		24A	DATA BUS RCVR - 0	
07426	XA337	53		XA337	31			168	9		DB05DB	12	DB05M0	01	1	TQ2	E3		28B	DATA BUS-05	
16884	XA337	54		XA337	55			168	9		SPA073	03	DB03A0	01	2	TQ2	01		25A		
16865	XA337	55		XA337	61			168	9		SPA073	04	DB05M0	01	2	TQ2	E3		29B		
07369	XA337	56		XA341	68			168	9		DB03DB	13	DB03A0	01	1	TQ2	01		26A	DATA BUS- 03	
07440	XA337	57						168	9		DB05M0	04	DB05M0	00	1	TQ2	E3		30B		
07351	XA337	58									GND	01	GROUND			TQ2			27A		

CONNECTOR (XA337) CONTINUED ON THE NEXT PAGE ****

DRAWING NUMBER 149012-880 CONNECTOR
 UNIT ASSEMBLY NAME CARD CAGE ASSY,CPU L.H.

UNIT ASSEMBLY NO. 149012
 FILE IDENT T39B2CP1

REV E INDEX XA337
 DATE 09-03-82 PAGE 244

RECORD NUMBER	FROM				TO				WIRE	MULTI GROUP	CODE	COLDW	IDENT	SPEC INST	SIGNAL	SEG NO	EQUATION	TERM	PINS	CKT ON	TYPE	PROP	PLANE	TEST POINTS	SYMBOL DESCRIPTION	EGG NO
	PREFIX	CONNECTOR	PIN	PLANE	PREFIX	CONNECTOR	PIN	PLANE																		
07396		XA337	59		XA337	37		168	9					DR04DB	12	DB04M0	01	1	TQ2	E4		31B	DATA BUS- 04			
07472		XA337	60					168	9					DB06M0	04	DB06M0	00	1	TQ2	E2		28A				
16886		XA337	61		XA337	64		168	9					SPA073	05	DB04M0	01	2	TQ2	E4		32B	DATA BUS-06			
07458		XA337	62		XA337	36		168	9					DB06DR	12	DB06M0	01	2	TQ2	E2		29A				
07410		XA337	63					168	9					DB04M0	04	DB04M0	00	1	TQ2	E4		33B				
16887		XA337	64		XA337	70		168	9					SPA073	06	DB06M0	01	1	TQ2	E2		30A				
07308		XA337	65		XA337	43		168	9					DB01DB	12	DB01M0	01	1	TQ2	F3		34B	DATA BUS- 01			
07506		XA337	66					168	9					DB07M0	04	DB07M0	00	1	TQ2	E1		31A				
11381		XA337	67											GND	01	GROUND			TQ2			40A				
07492		XA337	68		XA337	42		168	9					DB07DB	12	DB07M0	01	2	TQ2	E1		32A	DATA BUS-07			
07319		XA337	69		XA316	43		168	9					DB01M0	03	DB01M0	00	1	TQ2	F3		35A				
16888		XA337	70		XA337	73		168	9					SPA073	07	DB07M0	01	1	TQ2	E1		33A				
07339		XA337	71		XA341	53		168	9					DB02DR	13	DB02M0	01	2	TQ2	F2		36A	DATA BUS- 02			
07349		XA337	72		XA316	50		168	9					DB02M0	03	DB02M0	00	1	TQ2	F2		34A				
16889		XA337	73		XA337	74		168	9					SPA073	08	DB02M0	01	1	TQ2	F2		36B				
16890		XA337	74		XA337	78		168	9					SPA073	09	DB01M0	01	2	TQ2	F3		35B				
07379		XA337	75		XA316	56		168	9					DB03M0	03	DB03M0	00	1	TQ2	F1		37B	DATA BUS- 00			
07279		XA337	76		XA341	75		168	9					DB00DB	13	DB00M0	01	1	TQ2	F4		37A				
07368		XA337	77		XA337	56		168	9					DB03DB	12	DB03M0	01	2	TQ2	F1		38B	DATA BUS- 03			
16891		XA337	78		XA343	17		168	9					SPA073	10	DB00M0	01	2	TQ2	F4		38A				
16893		XA337	79		XA343	18		168	9					SPA074	01	DB03M0	01	1	TQ2	F1		39B				
07289		XA337	80		XA316	49		168	9					DB00M0	03	DB00M0	00	1	TQ2	F4		39A				
08106		XA338	01					168	9					DB22HA	03	GC066A	01	2	TT3	A2		02B				
10769		XA338	02											GND		GROUND			TT3			01B				
10780		XA338	03					168	9					GC0680	09	GC066A	01	3	TT3	A2		02A				
10767		XA338	04					168	9					GC067A	02	GC067A	00	1	TT3	A1		04A				
05702		XA338	05		XA338	06		168	9					CLKG2B	18	GC066A	01	1	TT3	A2		03B				
05703		XA338	06		XA339	03		168	9					CLKG2B	19	GC067A	01	3	TT3	A1		05A				
10763		XA338	07					168	9					GC066A	02	GC066A	00	1	TT3	A2		03A				
08156		XA338	08					168	9					DB23HA	03	GC067A	01	2	TT3	A1		06A				
05701		XA338	09		XA338	05		168	9					CLKG2B	17	GC065A	01	1	TT3	A3		04B				
10778		XA338	10		XA338	11		168	9					GC0680	07	GC067A	01	1	TT3	A1		07A				
10779		XA338	11		XA338	03		168	9					GC0680	08	GC065A	01	2	TT3	A3		05B				
00513		XA338	12											+5V	01				TT3							
08056		XA338	13					168	9					DB21HA	03	GC065A	01	3	TT3	A3		06B				
05708		XA338	14		XA338	21		168	9					CLKG2B	24	GC062A	01	2	TT3	B2		09A				
10759		XA338	15					168	9					GC065A	02	GC065A	00	1	TT3	A3		07B				
10742		XA338	16											GND		GROUND			TT3			21B				
07954		XA338	17					168	9					DB19HA	03	GC062A	01	3	TT3	B2		08B				
10753		XA338	18					168	9					GC0630	09	GC062A	01	1	TT3	B2		10A				
10740		XA338	19					168	9					GC062A	02	GC062A	00	1	TT3	B2		09B				
10755		XA338	20					168	9					GC064A	02	GC064A	00	1	TT3	B1		11A				
05709		XA338	21		XA339	21		168	9					CLKG2B	25	GC061A	01	1	TT3	B3		10B				
10777		XA338	22		XA338	10		168	9					GC0680	06	GC064A	01	3	TT3	B1		12A				
07906		XA338	23					168	9					DB18HA	03	GC061A	01	2	TT3	B3		11B				
05700		XA338	24		XA338	09		168	9					CLKG2B	16	GC064A	01	2	TT3	B1		13A				
10752		XA338	25		XA338	18		168	9					GC0630	08	GC061A	01	3	TT3	B3		12B				
08004		XA338	26					168	9					DB20HA	03	GC064A	01	1	TT3	B1		14A				
CONNECTOR (XA338) CONTINUED ON THE NEXT PAGE ****																										

DRAWING NUMBER 149012-880 CONNECTOR UNIT ASSEMBLY NAME CARD CAGE ASSY,CPU L.H. UNIT ASSEMBLY NO. 149012 REV E INDEX XA338 FILE IDENT T39B2CP1 DATE 09-03-82 PAGE 245

RECORD NUMBER	FROM			SHEETS	TO			MULTI GROUP	WIRE			SIGNAL	SFC 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			
10736		XA338	27						16B	9		GC061A	02	GC061A	00	1	TT3	B3		13B			
00514		XA338	28									+5V	01				TT3						
10751		XA338	29			XA338	25		16B	9		GC0630	07	GC059A	01	3	TT3	C2		14B			
07814		XA333	30						16B	9		DB16HA	03	GC059A	01	2	TT3	C2		15A			
10726		XA338	31						16B	9		GC059A	02	GC059A	00	1	TT3	C2		15B			
10734		XA338	32									GND		GROUND			TT3			27A			
08599		XA338	33			XA339	06		16B	9		DB31DB	20	DB31NA	01	1	TT3	C3		16B		DATA BUS- 31	
05714		XA338	34			XA338	42		16B	9		CLKG2B	30	GC059A	01	1	TT3	C2		16A			
13408		XA338	35						16B	9		MC0370	09	DB31NA	01	2	TT3	C3		17B			
10732		XA338	36						16B	9		GC060A	02	GC060A	00	1	TT3	C1		17A			
05725		XA338	37			XA338	41		16B	9		CLKM0B	01	DB31NA	01	3	TT3	C3		18B			
07860		XA338	38						16B	9		DB17HA	03	GC060A	01	3	TT3	C1		18A			
08629		XA338	39						16B	9		DB31NA	03	DB31NA	00	1	TT3	C3		19B			
10750		XA338	40			XA338	29		16B	9		GC0630	06	GC060A	01	2	TT3	C1		19A			
05724		XA338	41			XA338	45		16B	9		CLKM0B	02	DB29NA	01	3	TT3	D2		22B			
05715		XA338	42			XA339	40		16B	9		CLKG2B	31	GC060A	01	1	TT3	C1		20A			
08509		XA338	43						16B	9		DB29NA	03	DB29NA	00	1	TT3	D2		23B			
08058		XA338	44									GND		GROUND			TT3			40A			
05725		XA338	45			XA338	54		16B	9		CLKM0B	03	DB28NA	01	1	TT3	D3		24B			
13407		XA333	46			XA338	35		16B	9		MC0370	08	DB29NA	01	2	TT3	D2		21A			
13406		XA338	47			XA338	46		16B	9		MC0370	07	DB28NA	01	2	TT3	D3		25B			
08479		XA338	48			XA339	11		16B	9		DB29DB	20	DB29NA	01	1	TT3	D2		22A		DATA BUS- 29	
08419		XA338	49			XA339	26		16B	9		DB28DB	20	DB28NA	01	3	TT3	D3		26B		DATA BUS- 28	
08569		XA338	50						16B	9		DB30NA	03	DB30NA	00	1	TT3	D1		23A			
08449		XA338	51						16B	9		DB28NA	03	DB28NA	00	1	TT3	D3		27B			
08539		XA338	52			XA339	01		16B	9		DB30DB	20	DB30NA	01	3	TT3	D1		24A		DATA BUS- 30	
08302		XA338	53			XA339	23		16B	9		DB26DB	20	DB26NA	01	3	TT3	E2		28B		DATA BUS- 26	
05726		XA338	54			XA338	57		16B	9		CLKM0B	04	DB30NA	01	2	TT3	D1		25A			
08332		XA338	55						16B	9		DB26NA	03	DB26NA	00	1	TT3	E2		29B			
13405		XA338	56			XA338	47		16B	9		MC0370	06	DB30NA	01	1	TT3	D1		26A			
05727		XA338	57			XA338	60		16B	9		CLKM0B	05	DB25NA	01	1	TT3	E3		30B			
10771		XA338	58									GND		GROUND			TT3			40B			
13398		XA338	59			XA338	62		16B	9		MC0360	08	DB25NA	01	2	TT3	E3		31B			
05726		XA338	60			XA338	70		16B	9		CLKM0B	06	DB26NA	01	2	TT3	E2		28A			
08248		XA338	61			XA339	42		16B	9		DB25DB	20	DB25NA	01	3	TT3	E3		32B		DATA BUS- 25	
13399		XA338	62						16B	9		MC0360	09	DB26NA	01	1	TT3	E2		29A			
08278		XA338	63						16B	9		DB25NA	03	DB25NA	00	1	TT3	E3		33B			
08386		XA338	64						16B	9		DB27NA	03	DB27NA	00	1	TT3	E1		30A			
08140		XA338	65			XA339	37		16B	9		DB23DB	18	DB23NA	01	3	TT3	F2		34B		DATA BUS- 23	
08356		XA338	66			XA339	18		16B	9		DB27DB	20	DB27NA	01	3	TT3	E1		31A		DATA BUS- 27	
11382		XA338	67									GND		GROUND			TT3						
13397		XA338	68			XA338	59		16B	9		MC0360	07	DB27NA	01	2	TT3	E1		32A			
05738		XA338	69			XA435	09		16B	9		CLKM0B	16	DB22NA	01	1	TT3	F3		35A			
05729		XA338	70			XA338	72		16B	9		CLKM0B	07	DB27NA	01	1	TT3	E1		33A			
13387		XA338	71			XA338	76		16B	9		MC0350	06	DB23NA	01	1	TT3	F2		36A			
05730		XA338	72			XA338	75		16B	9		CLKM0B	08	DB23NA	01	2	TT3	F2		34A			
08222		XA338	73						16B	9		DB24NA	03	DB24NA	00	1	TT3	F1		36B			
08168		XA338	74						16B	9		DB23NA	03	DB23NA	00	1	TT3	F2		35B			
05731		XA338	75			XA341	71		16B	9		CLKM0B	09	DB24NA	01	3	TT3	F1		37B			
13386		XA338	76			XA339	76		16B	9		MC0350	07	DB22NA	01	2	TT3	F3		37A			

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

DRAWING NUMBER 149012-880 CONNECTOR UNIT ASSEMBLY NO. 149012 REV E INDEX XA338
 UNIT ASSEMBLY NAME CARD CAGE ASSY,CPU L.H. FILE IDENT T39B2CP1 DATE 09-03-82 PAGE 246

RECORD NUMBER	FROM				TO				WIRE				SIGNAL	SEQ NO	EQUATION	P	R	C	C	C	C	C	C	TEST POINTS	SIGNAL DESCRIPTION	ECC NO
	PREFIX	CONNECTOR	PIN	INFO	PREFIX	CONNECTOR	PIN	INFO	MULTI GROUP	CODE	COLOR	IDENT														
13396		XA338	77		XA338	68				16B	9		MC0360	06	DB24NA	01	2	TT3	F1				38B			
08090		XA338	78		XA339	52				16B	9		DB22DB	18	DB22NA	01	3	TT3	F3				38A	DATA BUS- 22		
08192		XA338	79		XA339	29				16B	9		DB24DB	20	DB24NA	01	1	TT3	F1				39B	DATA BUS- 24		
08118		XA338	80							16B	9		DB22NA	03	DB22NA	00	1	TT3	F3				39A			
08540		XA339	01		XA340	01				16B	9		DB30DB	21	DB30HA	01	2	TT3	A2				02B	DATA BUS- 30		
08617		XA339	02										GND		GROUND	01		TT3					01B			
05704		XA339	03		XA339	13				16B	9		CLKG2B	20	DB30HA	01	3	TT3	A2				02A			
08615		XA339	04							16B	9		DB31HA	03	DB31HA	00	1	TT3	A1				04A			
10818		XA339	05							16B	9		GC0780	09	DB30HA	01	1	TT3	A2				03B			
08600		XA339	06		XA340	06				16B	9		DB31DB	21	DB31HA	01	3	TT3	A1				05A	DATA BUS- 31		
08555		XA339	07							16B	9		DB30HA	03	DB30HA	00	1	TT3	A2				03A			
05706		XA339	08		XA339	14				16B	9		CLKG2B	22	DB31HA	01	2	TT3	A1				06A			
10817		XA339	09		XA339	05				16B	9		GC0780	08	DB29HA	01	1	TT3	A3				04B			
10816		XA339	10		XA339	09				16B	9		GC0780	07	DB31HA	01	1	TT3	A1				07A			
08480		XA339	11		XA340	13				16B	9		DB29DB	21	DB29HA	01	2	TT3	A3				05B	DATA BUS- 29		
00515		XA339	12										+5V	01				TT3								
05705		XA339	13		XA339	08				16B	9		CLKG2B	21	DB29HA	01	3	TT3	A3				06B			
05707		XA339	14		XA338	14				16B	9		CLKG2B	23	DB27HA	01	2	TT3	B2				09A			
08495		XA339	15							16B	9		DB29HA	03	DB29HA	00	1	TT3	A3				07B			
08437		XA339	16										GND		GROUND	01		TT3					21B			
10795		XA339	17							16B	9		GC0730	09	DB27HA	01	3	TT3	B2				08B			
08357		XA339	18		XA340	17				16B	9		DB27DB	21	DB27HA	01	1	TT3	B2				10A	DATA BUS- 27		
08372		XA339	19							16B	9		DB27HA	03	DB27HA	00	1	TT3	B2				09B			
08435		XA339	20							16B	9		DB28HA	03	DB28HA	00	1	TT3	B1				11A			
05710		XA339	21		XA339	22				16B	9		CLKG2B	26	DB26HA	01	1	TT3	B3				10S			
05711		XA339	22		XA339	30				16B	9		CLKG2B	27	DB28HA	01	3	TT3	B1				12A			
08303		XA339	23		XA340	23				16B	9		DB26DB	21	DB26HA	01	2	TT3	B3				11B	DATA BUS- 26		
10815		XA339	24		XA339	10				16B	9		GC0780	06	DB28HA	01	2	TT3	B1				13A			
10798		XA339	25		XA339	17				16B	9		GC0730	08	DB26HA	01	3	TT3	B3				12B			
08420		XA339	26		XA340	22				16B	9		DB28DB	21	DB28HA	01	1	TT3	B1				14A	DATA BUS- 28		
08318		XA339	27							16B	9		DB26HA	03	DB26HA	00	1	TT3	B3				13B			
00516		XA339	28										+5V	01				TT3								
08193		XA339	29		XA340	29				16B	9		DB24DB	21	DB24HA	01	3	TT3	C2				14B	DATA BUS- 24		
05712		XA339	30		XA339	33				16B	9		CLKG2B	28	DB24HA	01	2	TT3	C2				15A			
08208		XA339	31							16B	9		DB24HA	03	DB24HA	00	1	TT3	C2				15B			
08266		XA339	32										GND		GROUND	01		TT3					27A			
05713		XA339	33		XA338	34				16B	9		CLKG2B	29	DB23HA	01	1	TT3	C3				16B			
10797		XA339	34		XA339	25				16B	9		GC0730	07	DB24HA	01	1	TT3	C2				16A			
10776		XA339	35		XA338	22				16B	9		GC0680	05	DB23HA	01	2	TT3	C3				17B			
08264		XA339	36							16B	9		DB25HA	03	DB25HA	00	1	TT3	C1				17A			
08141		XA339	37		XA340	33				16B	9		DB23DB	19	DB23HA	01	3	TT3	C3				18B	DATA BUS- 23		
10796		XA339	38		XA339	34				16B	9		GC0730	06	DB25HA	01	3	TT3	C1				18A			
08155		XA339	39		XA338	08				16B	9		DB23HA	02	DB23HA	00	1	TT3	C3				19B			
05716		XA339	40		XA339	46				16B	9		CLKG2B	32	DB25HA	01	2	TT3	C1				19A			
10775		XA339	41		XA339	35				16B	9		GC0680	04	DB21HA	01	3	TT3	O2				22B			
08249		XA339	42		XA340	40				16B	9		DB25DB	21	DB25HA	01	1	TT3	C1				20A	DATA BUS- 25		
08055		XA339	43		XA338	13				16B	9		DB21HA	02	DB21HA	00	1	TT3	O2				23B			
10717		XA339	44										GND		GROUND	01		TT3					40A			
CONNECTOR		XA339	CONTINUED ON THE NEXT PAGE ****																							

DRAWING NUMBER 149012-880 CONNECTOR
 UNIT ASSEMBLY NAME CARD CAGE ASSY,CPU L.H.

UNIT ASSEMBLY NO. 149012 REV E INDEX XA339
 FILE IDENT T39B2CP1 DATE 09-03-82 PAGE 247

RECORD NUMBER	FROM			TO			WIRE			SIGNAL	SEC NO	EQUATION	TERM	FACTOR	CKT OR STRIP TYPE	GROUP	LOAD OR POWER PLANE	TEST POINTS AND/OR	SIGNAL DESCRIPTION	ECO NO
	PREFIX	CONNECTOR	PIN	PREFIX	CONNECTOR	PIN	WIRE	GAUGE	IDENT											
05718	XA339	45	XA339	54	168	9			CLKG2B	34	DB20HA	01	1	TT3	D3		24B			
05717	XA339	46	XA339	45	168	9			CLKG2B	33	DB21HA	01	2	TT3	D2		21A			
10774	XA339	47	XA339	41	168	9			GC0680	03	DB20HA	01	2	TT3	D3		25B			
08040	XA339	48	XA339	72	168	9			DB21DB	18	DB21HA	01	1	TT3	D2		22A	DATA BUS- 21		
07988	XA339	49	XA339	78	168	9			DB20DB	18	DB20HA	01	3	TT3	D3		26B	DATA BUS- 20		
08105	XA339	50	XA338	01	168	9			DB22HA	02	DB22HA	00	1	TT3	D1		23A			
08003	XA339	51	XA338	26	168	9			DB20HA	02	DB20HA	00	1	TT3	D3		27B			
08091	XA339	52	XA340	52	168	9			DB22DB	19	DB22HA	01	3	TT3	D1		24A	DATA BUS- 22		
10749	XA339	53	XA338	40	168	9			GC0630	05	DB18HA	01	3	TT3	E2		28B			
05719	XA339	54	XA339	60	168	9			CLKG2B	35	DB22HA	01	2	TT3	D1		25A			
07905	XA339	55	XA338	23	168	9			DB18HA	02	DB18HA	00	1	TT3	E2		29B			
10773	XA339	56	XA339	47	168	9			GC0680	02	DB22HA	01	1	TT3	D1		26A			
05699	XA339	57	XA338	24	168	9			CLKG2B	15	DB17HA	01	1	TT3	E3		30B			
08006	XA339	58							GND					TT3			40B			
10748	XA339	59	XA339	53	168	9			GC0630	04	DB17HA	01	2	TT3	E3		31B			
05720	XA339	60			168	9			CLKG2B	36	DB18HA	01	2	TT3	E2		28A			
07846	XA339	61	XA340	61	168	9			DB17DB	18	DB17HA	01	3	TT3	E3		32B	DATA BUS- 17		
07892	XA339	62	XA340	62	168	9			DB18DB	18	DB18HA	01	1	TT3	E2		29A	DATA BUS- 18		
07859	XA339	63	XA338	38	168	9			DB17HA	02	DB17HA	00	1	TT3	E3		33B			
07953	XA339	64	XA338	17	168	9			DB19HA	02	DB19HA	00	1	TT3	E1		30A			
13390	XA339	65			168	9			MC0350	09	DB21NA	01	3	TT3	F2		34B			
07940	XA339	66	XA340	65	168	9			DB19DB	18	DB19HA	01	3	TT3	E1		31A	DATA BUS- 19		
22679	XA339	67							GND		GROUND			TT3						
10747	XA339	68	XA339	59	168	9			GC0630	03	DB19HA	01	2	TT3	E1		32A			
05737	XA339	69	XA338	69	168	9			CLKGDB	15	DB20NA	01	1	TT3	F3		35A			
05698	XA339	70	XA339	57	168	9			CLKG2B	14	DB19HA	01	1	TT3	E1		33A			
05736	XA339	71	XA339	69	168	9			CLKGDB	14	DB21NA	01	1	TT3	F2		36A			
08041	XA339	72	XA340	41	168	9			DB21DB	19	DB21NA	01	2	TT3	F2		34A	DATA BUS- 21		
07813	XA339	73	XA338	30	168	9			DB16HA	02	DB16HA	00	1	TT3	F1		36B			
08068	XA339	74			168	9			DB21NA	03	DB21NA	00	1	TT3	F2		35B			
05697	XA339	75	XA339	70	168	9			CLKG2B	13	DB16HA	01	3	TT3	F1		37B			
13389	XA339	76	XA339	65	168	9			MC0350	08	DB20NA	01	2	TT3	F3		37A			
10746	XA339	77	XA339	68	168	9			GC0630	02	DB16HA	01	2	TT3	F1		38B	DATA BUS- 20		
07989	XA339	78	XA340	49	168	9			DB20DB	19	DB20NA	01	3	TT3	F3		38A	DATA BUS- 20		
07800	XA339	79	XA340	79	168	9			DB16DB	18	DB16HA	01	1	TT3	F1		39B	DATA BUS- 16		
08016	XA339	80			168	9			DB20NA	03	DB20NA	00	1	TT3	F3		39A			
08541	XA340	01	XA342	07	168	9			DB30DB	22	DB30GA	01	2	TT3	A2		02B	DATA BUS- 30		
22680	XA340	02							GND		GROUND			TT3			01B			
10726	XA340	03			168	9			GC0580	09	DB30GA	01	3	TT3	A2		02A			
08610	XA340	04			168	9			DB31GA	03	DB31GA	00	1	TT3	A1		04A			
05681	XA340	05	XA340	09	168	9			CLKG1B	35	DB30GA	01	1	TT3	A2		03B			
08601	XA340	06	XA342	09	168	9			DB31DB	22	DB31GA	01	3	TT3	A1		05A	DATA BUS- 31		
08550	XA340	07			168	9			DB30GA	03	DB30GA	00	1	TT3	A2		03A			
05675	XA340	08	XA340	14	168	9			CLKG1B	29	DB31GA	01	2	TT3	A1		06A			
05682	XA340	09			168	9			CLKG1B	36	DB29GA	01	1	TT3	A3		04B			
10724	XA340	10	XA340	11	168	9			GC0580	07	DB31GA	01	1	TT3	A1		07A			
10725	XA340	11	XA340	03	168	9			GC0580	08	DB29GA	01	2	TT3	A3		05B			
00517	XA340	12							+5V	01				TT3						
CONNECTOR (XA340) CONTINUED ON THE NEXT PAGE ****																				

DRAWING NUMBER 149012-880 CONNECTOR
 UNIT ASSEMBLY NAME CARD CAGE ASSY,CPU L.H.

UNIT ASSEMBLY NO. 149012 REV E INDEX XA340
 FILE IDENT T39B2CP1 DATE 09-03-82 PAGE 248

RECORD NUMBER	FROM				TO				WIRE				SFC INET MISC	SIGNAL	SEQ NO	EQUATION	TERM	FACTORY	CKT OP CHG TYPE	GROUP	LOAD CP POWER PLANE	TEST POINTS AND/OR	SIGNAL DESCRIPTION	ECO NO
	PREFIX	CONNECTOR	PIN	ST NO	PREFIX	CONNECTOR	PIN	ST NO	MULTI GROUP	CODE	COLOR	IDENT												
08481		XA340	13		XA342	17			16B	9			DB29DB	22	DB29GA	01	3	TT3	A3		06B	DATA BUS- 29		
05676		XA340	14		XA341	14			16B	9			CLKG1B	30	DB27GA	01	2	TT3	B2		09A			
08490		XA340	15						16B	9			DB29GA	03	DB29GA	00	1	TT3	A3		07B			
22661		XA340	16										GND		GROUND			TT3			21B			
08358		XA340	17		XA342	20			16B	9			DB27DB	22	DB27GA	01	3	TT3	B2		08B	DATA BUS- 27		
10704		XA340	18						16B	9			GC0560	09	DB27GA	01	1	TT3	B2		10A			
08367		XA340	19						16B	9			DB27GA	03	DB27GA	00	1	TT3	B2		09B			
08430		XA340	20						16B	9			DB28GA	03	DB28GA	00	1	TT3	B1		11A			
05674		XA340	21		XA340	08			16B	9			CLKG1B	28	DB26GA	01	1	TT3	B3		10R			
08421		XA340	22		XA342	24			16B	9			DB28DB	22	DB28GA	01	3	TT3	B1		12A	DATA BUS- 28		
08304		XA340	23		XA342	26			16B	9			DB26DB	22	DB26GA	01	2	TT3	B3		11B	DATA BUS- 26		
10723		XA340	24		XA340	10			16B	9			GC0580	06	DB28GA	01	2	TT3	B1		13A			
10703		XA340	25		XA340	18			16B	9			GC0560	0R	DB26GA	01	3	TT3	B3		12B			
05670		XA340	26		XA340	30			16B	9			CLKG1B	24	DB28GA	01	1	TT3	B1		14A			
08313		XA340	27						16B	9			DB26GA	03	DB26GA	00	1	TT3	B3		13B			
00518		XA340	28										+5V	01				TT3						
08194		XA340	29		XA342	29			16B	9			DB24DB	22	DB24GA	01	3	TT3	C2		14B	DATA BUS- 24		
05671		XA340	30		XA341	29			16B	9			CLKG1B	25	DB24GA	01	2	TT3	C2		15A			
08203		XA340	31						16B	9			DB24GA	03	DB24GA	00	1	TT3	C2		15B			
22682		XA340	32										GND		GROUND			TT3			27A			
08142		XA340	33		XA342	37			16B	9			DB23DB	20	DB23GA	01	1	TT3	C3		16B	DATA BUS- 23		
10702		XA340	34		XA340	25			16B	9			GC0560	07	DB24GA	01	1	TT3	C2		16A			
05629		XA340	35		XA341	37			16B	9			CLKG0B	21	DB23GA	01	2	TT3	C3		17B			
08259		XA340	36						16B	9			DB25GA	03	DB25GA	00	1	TT3	C1		17A			
10606		XA340	37						16B	9			GC0340	09	DB23GA	01	3	TT3	C3		18B			
10701		XA340	38		XA340	34			16B	9			GC0560	06	DB25GA	01	3	TT3	C1		18A			
08151		XA340	39						16B	9			DB23GA	03	DB23GA	00	1	TT3	C3		19B			
08250		XA340	40		XA342	39			16B	9			DB25DB	22	DB25GA	01	2	TT3	C1		19A	DATA BUS- 25		
08042		XA340	41		XA342	41			16B	9			DB21DB	20	DB21GA	01	3	TT3	D2		22B	DATA BUS- 21		
05667		XA340	42		XA341	38			16B	9			CLKG1B	21	DB25GA	01	1	TT3	C1		20A			
08051		XA340	43						16B	9			DB21GA	03	DB21GA	00	1	TT3	D2		23B			
22683		XA340	44										GND		GROUND			TT3			40A			
05633		XA340	45		XA340	48			16B	9			CLKG0B	25	DB20GA	01	1	TT3	D3		24B			
10605		XA340	46		XA340	37			16B	9			GC0340	08	DB21GA	01	2	TT3	D2		21A			
10604		XA340	47		XA340	46			16B	9			GC0340	07	DB20GA	01	2	TT3	D3		25B			
05634		XA340	48		XA340	77			16B	9			CLKG0B	26	DB21GA	01	1	TT3	D2		22A			
07990		XA340	49		XA342	46			16B	9			DB20DB	20	DB20GA	01	3	TT3	D3		26B	DATA BUS- 20		
08101		XA340	50						16B	9			DB22GA	03	DB22GA	00	1	TT3	D1		23A			
07999		XA340	51						16B	9			DB20GA	03	DB20GA	00	1	TT3	D3		27B			
08092		XA340	52		XA342	48			16B	9			DB22DB	20	DB22GA	01	3	TT3	D1		24A	DATA BUS- 22		
10568		XA340	53						16B	9			GC0240	09	DB18GA	01	3	TT3	E2		28B			
10603		XA340	54		XA340	47			16B	9			GC0340	06	DB22GA	01	2	TT3	D1		25A			
07903		XA340	55						16B	9			DB18GA	03	DB18GA	00	1	TT3	E2		29R			
05643		XA340	56		XA340	60			16B	9			CLKG0B	35	DB22GA	01	1	TT3	D1		26A			
05639		XA340	57		XA341	57			16B	9			CLKG0B	31	DB17GA	01	1	TT3	E3		30B			
22684		XA340	58										GND		GROUND			TT3			40B			
10567		XA340	59		XA340	53			16B	9			GC0240	08	DB17GA	01	2	TT3	E3		31B			
05644		XA340	60						16B	9			CLKG0B	36	DB18GA	01	2	TT3	E2		28A			
07847		XA340	61		XA341	72			16B	9			DB17DB	19	DB17GA	01	3	TT3	E3		32B	DATA BUS- 17		
07893		XA340	62		XA340	78			16B	9			DB18DB	19	DB18GA	01	1	TT3	E2		29A	DATA BUS- 18		
CONNECTOR (XA340) CONTINUED ON THE NEXT PAGE ****																								

DRAWING NUMBER 149012-880 CONNECTOR UNIT ASSEMBLY NO. 149012 REV E INDEX XA340
 UNIT ASSEMBLY NAME CARD CAGE ASSY,CPU L.H. FILE IDENT T39B2CP1 DATE 09-03-82 PAGE 249

RECORD NUMBER	FROM				TO				WIRE				SIGNAL	SQU NO	EQUATION	TERM	FACTOR	CKT OR SHIP TYPE	PROF	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											
07857		XA340	63							16B	9		DB17GA	03	DB17GA	00	1	TT3	E3		33B		
07951		XA340	64							16B	9		DB19GA	03	DB19GA	00	1	TT3	E1		30A		
07941		XA340	65		XA340	68				16B	9		DB19DB	19	DB19NA	01	3	TT3	F2		34B	DATA BUS- 19	
05638		XA340	66		XA340	57				16B	9		CLKG3B	30	DB19GA	01	3	TT3	E1		31A		
22685		XA340	67										GND		GROUND			TT3					
07942		XA340	68		XA342	55				16B	9		DB19DR	20	DB19GA	01	2	TT3	E1		32A	DATA BUS- 19	
13378		XA340	69		XA340	72				16B	9		MC0340	06	DB18NA	01	1	TT3	F3		35A		
10566		XA340	70		XA340	59				16B	9		GC0240	07	DB19GA	01	1	TT3	E1		33A		
05734		XA340	71		XA340	76				16B	9		CLKMOB	12	DB19NA	01	1	TT3	F2		36A		
13379		XA340	72		XA341	65				16B	9		MC0340	07	DB19NA	01	2	TT3	F2		34A		
07811		XA340	73							16B	9		DB16GA	03	DB16GA	00	1	TT3	F1		36B		
07966		XA340	74							16B	9		DB19NA	03	DB19NA	00	1	TT3	F2		35B		
10565		XA340	75		XA340	70				16B	9		GC0240	06	DB16GA	01	3	TT3	F1		37B		
05735		XA340	76		XA339	71				16B	9		CLKMOB	13	DB18NA	01	2	TT3	F3		37A		
05635		XA340	77		XA341	77				16B	9		CLKG3B	27	DB16GA	01	2	TT3	F1		38B		
07894		XA340	78		XA342	63				16B	9		DB18DB	20	DB18NA	01	3	TT3	F3		38A	DATA BUS- 18	
07801		XA340	79		XA341	78				16B	9		DB16DB	19	DB16GA	01	1	TT3	F1		39B	DATA BUS- 16	
07918		XA340	80							16B	9		DB18NA	03	DB18NA	00	1	TT3	F3		39A		
07724		XA341	01		XA342	05				16B	9		DB14DB	14	DB14GA	01	2	TT3	A2		02B	DATA BUS- 14	
07766		XA341	02										GND		GROUND			TT3			01B		
10715		XA341	03							16B	9		GC0570	09	DB14GA	01	3	TT3	A2		02A		
07764		XA341	04							16B	9		DB15GA	03	DB15GA	00	1	TT3	A1		04A		
05679		XA341	05		XA341	09				16B	9		CLKG1B	33	DB14GA	01	1	TT3	A2		03B		
07756		XA341	06		XA342	08				16B	9		DB15DB	14	DB15GA	01	3	TT3	A1		05A	DATA BUS- 15	
07730		XA341	07							16B	9		DB14GA	03	DB14GA	00	1	TT3	A2		03A		
05678		XA341	08		XA341	05				16B	9		CLKG1B	32	DB15GA	01	2	TT3	A1		06A		
05680		XA341	09		XA340	05				16B	9		CLKG1B	34	DB13GA	01	1	TT3	A3		04B		
10713		XA341	10		XA341	11				16B	9		GC0570	07	DB15GA	01	1	TT3	A1		07A		
10714		XA341	11		XA341	03				16B	9		GC0570	08	DB13GA	01	2	TT3	A3		05B		
00515		XA341	12										+5V	01				TT3					
07690		XA341	13		XA342	10				16B	9		DB13DB	14	DB13GA	01	3	TT3	A3		06B	DATA BUS- 13	
05677		XA341	14		XA341	08				16B	9		CLKG1B	31	DB11GA	01	2	TT3	B2		09A		
07696		XA341	15							16B	9		DB13GA	03	DB13GA	00	1	TT3	A3		07B		
07666		XA341	16										GND		GROUND			TT3			21B		
07624		XA341	17		XA342	19				16B	9		DB11DB	14	DB11GA	01	3	TT3	B2		08B	DATA BUS- 11	
10693		XA341	18							16B	9		GC0550	09	DB11GA	01	1	TT3	B2		10A		
07630		XA341	19							16B	9		DB11GA	03	DB11GA	00	1	TT3	B2		09B		
07664		XA341	20							16B	9		DB12GA	03	DB12GA	00	1	TT3	B1		11A		
05673		XA341	21		XA340	21				16B	9		CLKG1B	27	DB10GA	01	1	TT3	B3		10B		
07658		XA341	22		XA342	23				16B	9		DB12DB	14	DB12GA	01	3	TT3	B1		12A	DATA BUS- 12	
07590		XA341	23		XA342	25				16B	9		DB10DB	14	DB10GA	01	2	TT3	B3		11B	DATA BUS- 10	
10712		XA341	24		XA341	10				16B	9		GC0570	06	DB12GA	01	2	TT3	B1		13A		
10692		XA341	25		XA341	18				16B	9		GC0550	08	DB10GA	01	3	TT3	B3		12B		
05669		XA341	26		XA340	26				16B	9		CLKG1B	23	DB12GA	01	1	TT3	B1		14A		
07596		XA341	27							16B	9		DB10GA	03	DB10GA	00	1	TT3	B3		13B		
00520		XA341	28										+5V	01				TT3					
05672		XA341	29		XA341	21				16B	9		CLKG1B	26	DB08GA	01	3	TT3	C2		14B		
07526		XA341	30		XA342	35				16B	9		DB08DB	14	DB08GA	01	2	TT3	C2		15A	DATA BUS- 08	
CONNECTOR XA341 CONTINUED ON THE NEXT PAGE ****																							

DRAWING NUMBER 149012-880 CONNECTOR UNIT ASSEMBLY NO. 149012 REV E INDEX XA341
 UNIT ASSEMBLY NAME CARD CAGE ASSY,CPU L.H. FILE IDENT T39B2CP1 DATE 09-03-82 PAGE 250

RECORD NUMBER	FROM				TO				WIRE				SIGNAL	SEQ NO	EQUATION	TERM	FACTOR	CKT OR CHIP TYPE	LOAD OF POWER PLANE	TEST POINTS AND DR	SIGNAL DESCRIPTION	ECC NO
	PREFIX	CONNECTOR	PIN	SH FTG	PREFIX	CONNECTOR	PIN	QTY	MULTI GROUP	CODE	COLOR	IDENT										
07532		XA341	31						16B	9			DB08GA	03	DB08GA	00	1	TT3	C2	15B		
07534		XA341	32									GND		GND				TT3		27A		
07494		XA341	33		XA342	36			16B	9			DB07DB	14	DB07GA	01	1	TT3	C3	16B	DATA BUS-07	
10691		XA341	34		XA341	25			16B	9			GC0550	07	DB08GA	01	1	TT3	C2	16A		
10595		XA341	35						16B	9			GC0330	09	DB07GA	01	2	TT3	C3	17B		
07564		XA341	36						16B	9			DB09GA	03	DB09GA	00	1	TT3	C1	17A		
05630		XA341	37		XA341	41			16B	9			CLKG0B	22	DB07GA	01	3	TT3	C3	18B		
05668		XA341	38		XA341	26			16B	9			CLKG1B	22	DB09GA	01	3	TT3	C1	18A		
07500		XA341	39						16B	9			DB07GA	03	DB07GA	00	1	TT3	C3	19B		
07558		XA341	40		XA342	38			16B	9			DB09DB	14	DB09GA	01	2	TT3	C1	19A	DATA BUS-09	
05631		XA341	41		XA341	45			16B	9			CLKG0B	23	DB05GA	01	3	TT3	D2	22B		
10690		XA341	42		XA341	34			16B	9			GC0550	06	DB09GA	01	1	TT3	C1	20A		
07434		XA341	43						16B	9			DB05GA	03	DB05GA	00	1	TT3	D2	23B		
10684		XA341	44										GND		GND			TT3		40A		
05632		XA341	45		XA340	45			16B	9			CLKG0B	24	DB04GA	01	1	TT3	D3	24B		
10594		XA341	46		XA341	35			16B	9			GC0330	08	DB05GA	01	2	TT3	D2	21A		
10593		XA341	47		XA341	46			16B	9			GC0330	07	DB04GA	01	2	TT3	D3	25B		
07428		XA341	48		XA342	42			16B	9			DB05DB	14	DB05GA	01	1	TT3	D2	22A	DATA BUS-05	
07398		XA341	49		XA342	45			16B	9			DB04DB	14	DB04GA	01	3	TT3	D3	26B	DATA BUS-04	
07466		XA341	50						16B	9			DB06GA	03	DB06GA	00	1	TT3	D1	23A		
07404		XA341	51						16B	9			DB04GA	03	DB04GA	00	1	TT3	D3	27B		
07460		XA341	52		XA342	47			16B	9			DB06DB	14	DB06GA	01	3	TT3	D1	24A	DATA BUS-06	
07340		XA341	53		XA342	51			16B	9			DB02DF	14	DB02GA	01	3	TT3	E2	28B	DATA BUS-02	
10592		XA341	54		XA341	47			16B	9			GC0330	06	DB06GA	01	2	TT3	D1	25A		
07346		XA341	55						16B	9			DB02GA	03	DB02GA	00	1	TT3	E2	29B		
05642		XA341	56		XA340	56			16B	9			CLKG0B	34	DB06GA	01	1	TT3	D1	26A		
05640		XA341	57		XA341	60			16B	9			CLKG0B	32	DB01GA	01	1	TT3	E3	30B		
10706		XA341	58										GND		GND			TT3		40B		
10558		XA341	59		XA341	62			16B	9			GC0230	08	DB01GA	01	2	TT3	E3	31B		
05641		XA341	60		XA341	56			16B	9			CLKG0B	33	DB02GA	01	2	TT3	E2	28A		
07310		XA341	61		XA342	52			16B	9			DB01DB	14	DB01GA	01	3	TT3	E3	32B	DATA BUS-01	
10555		XA341	62						16B	9			GC0230	09	DB02GA	01	1	TT3	F2	29A		
07316		XA341	63						16B	9			DB01GA	03	DB01GA	00	1	TT3	E3	33B		
07376		XA341	64						16B	9			DB03GA	03	DB03GA	00	1	TT3	F1	30A		
13380		XA341	65		XA341	76			16B	9			MC0540	08	DB17NA	01	3	TT3	F2	34B		
05637		XA341	66		XA340	66			16B	9			CLKG0B	29	DB03GA	01	3	TT3	F1	31A		
22686		XA341	67										GND		GND			TT3				
07370		XA341	68		XA342	53			16B	9			DB03DB	14	DB03GA	01	2	TT3	F1	32A	DATA BUS-03	
05733		XA341	69		XA340	71			16B	9			CLKM0B	11	DB16NA	01	1	TT3	F3	35A		
10557		XA341	70		XA341	59			16B	9			GC0230	07	DB03GA	01	1	TT3	F1	33A		
05732		XA341	71		XA341	69			16B	9			CLKM0B	10	DB17NA	01	1	TT3	F2	36A		
07848		XA341	72		XA342	56			16B	9			DB17DB	20	DB17NA	01	2	TT3	F2	34A	DATA BUS-17	
07286		XA341	73						16B	9			DB00GA	03	DB00GA	00	1	TT3	F1	36B		
07870		XA341	74						16B	9			DB17NA	03	DB17NA	00	1	TT3	F2	35B		
07280		XA341	75		XA342	61			16B	9			DB00DB	14	DB00GA	01	3	TT3	F1	37B	DATA BUS-00	
13381		XA341	76						16B	9			MC0340	09	DB16NA	01	2	TT3	F3	37A		
05636		XA341	77		XA341	66			16B	9			CLKG0B	28	DB00GA	01	2	TT3	F1	38B		
07802		XA341	78		XA342	62			16B	9			DB16DB	20	DB16NA	01	3	TT3	F3	38A	DATA BUS-16	
10556		XA341	79		XA341	70			16B	9			GC0230	06	DB00GA	01	1	TT3	F1	39B		
07822		XA341	80						16B	9			DB16NA	03	DB16NA	00	1	TT3	F3	39A		

DRAWING NUMBER
UNIT ASSEMBLY NAME

149012-880
CARD CAGE ASSY,CPU L.H.

CONNECTOR
UNIT ASSEMBLY NO. 149012
FILE IDENT T39B2CP1

REV E
DATE 09-03-82
INDEX XA342
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RECORD NUMBER	FROM			TO	WIRE				SIGNAL	SNO NO	EQUATION	TERM	FACTOR	CAT OF CHIP TYPE	GROUP	LOAD OR POWER PLANE	TEST POINTS AND/OR	SIGNAL DESCRIPTION	ECO NO
	PREFIX	CONNECTOR	PIN		PREFIX	CONNECTOR	PIN	DIAG											
19803		XA342	01							SPP	01			RR4					
22687		XA342	02							GND		GROUND		RR4					
00122		XA342	03							+5RE2B	34			RR4	AP				
00123		XA342	04		XA342	13				+5RE14	03			RR4	AP				
07725		XA342	05							DB14DB	15			RR4	A3				
21292		XA342	06		XA342	18				34002G	01	GROUND		RR4	AC				
08542		XA342	07							DB30DB	23			RR4	A4				002
07759		XA342	08							DB15DB	15			RR4	A1				
08602		XA342	09							DB31DB	23			RR4	A5				002
07691		XA342	10							DB13DB	15			RR4	A2				
19804		XA342	11							SPP	01			RR4					
00521		XA342	12							+5V	01			RR4					
00124		XA342	13		XA342	21				+5RE2B	35			RR4	BP				
00125		XA342	14							SPF				RR4	BP			+5RE2B	B02
12717		XA342	15							DNW	01			RR4				KEYWAY	C05
12716		XA342	16							DNW	01			RR4				KEYWAY	D01
08482		XA342	17							DB29DB	23			RR4	B4				
21293		XA342	18		XA343	02				34002G	02	GROUND		RR4	BC				D02
07625		XA342	19							DB17DB	15			RR4	B5				
08359		XA342	20							DB27DB	23			RR4	B1				D02
00126		XA342	21		XA342	33				+5RE2B	36			RR4	CP			+5RE2B	B02
00127		XA342	22							SPF				RR4	CP				
07655		XA342	23							DB12DB	15			RR4	C3				
08422		XA342	24							DB28DB	23			RR4	B3				D02
07591		XA342	25							DB10DB	15			RR4	C4				
08305		XA342	26							DB26DB	23			RR4	B2				D02
19805		XA342	27							DNW	01			RR4					
00522		XA342	28							+5V	01			RR4					
08195		XA342	29							DB24DB	23			RR4	C5				D02
21283		XA342	30		XA342	32				33932G	01	GROUND		RR4	CC				
19806		XA342	31							SPP	01			RR4					
21284		XA342	32							33932G	02	GROUND		RR4					
22688		XA342	32							GND		GROUND		RR4					
00128		XA342	33		XA342	49				+5RE2B	37			RR4	DP				
00129		XA342	34							SPF				RR4	DP			+5RE2B	B02
07527		XA342	35							DB08DB	15			RR4	D3				
07495		XA342	36							DB07DB	15			RR4	C1				
08143		XA342	37							DB23DB	21			RR4	D4				D02
07559		XA342	38							DB09DB	15			RR4	C2				
08251		XA342	39							DB25DB	23			RR4	D5				D02
21285		XA342	40		XA342	44				33944G	01	GROUND		RR4	DC				
08043		XA342	41							DB21DB	21			RR4	E5				D02
07429		XA342	42							DB05DB	15			RR4	D1				
19807		XA342	43							SPP	01			RR4					
21286		XA342	44							33944G	02	GROUND		RR4					
22689		XA342	44							GND		GROUND		RR4					
07399		XA342	45							DB04DB	15			RR4	E4				
07991		XA342	46							DB20DB	21			RR4	D2				D02
07461		XA342	47							DB06DB	15			RR4	E3				
08093		XA342	48							DB22DB	21			RR4	E2				D02
CONNECTOR (XA342) CONTINUED ON THE NEXT PAGE ****																			

DRAWING NUMBER 149012-880 CONNECTOR UNIT ASSEMBLY NO. 149012 REV E INDEX XA342
 UNIT ASSEMBLY NAME CARD CAGE ASSY,CPU L.H. FILE IDENT T39B2CP1 DATE 09-03-82 PAGE 252

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	LCO NO
	PREFIX	CONNECTOR	PIN	INFO	PREFIX	CONNECTOR	PIN	INFO	MULTI GROUP	CODE	COLOR	IDENT											
00130		XA342	49							16B	9		+5RE2B	38				RR4	EP				
00131		XA342	50		XA342	59							SPP					RR4	EP			+5RE2B	B02
07341		XA342	51							16B	9		DB02DB	15				RR4	F5				
07311		XA342	52							16B	9		DB01DB	15				RR4	E1				
07371		XA342	53							16B	9		DB03DB	15				RR4	F4				
21287		XA342	54		XA342	64				16B	9		33967G	01	GROUND			RR4	EC				
07943		XA342	55							16B	9		DB19DB	21				RR4	F3				D02
07849		XA342	56							16B	9		DB17DB	21				RR4	F2				D02
19808		XA342	57										SPP	01				RR4				KEYWAY	C05
12719		XA342	58										DNW	01				RR4				KEYWAY	D01
00132		XA342	59		XA342	69				16B	9		+5RE2B	39				RR4	FP				
00133		XA342	60										SPP					RR4	FP			+5RE2B	B02
07281		XA342	61							16B	9		DB0JDB	15				RR4	G5				
07803		XA342	62							16B	9		DB16DB	21				RR4	F1				D02
07895		XA342	63							16B	9		DB18DB	21				RR4	G4				D02
21288		XA342	64		XA342	67				16B	9		33967G	02	GROUND			RR4	FC				
19809		XA342	65										SPP	01				RR4	G3				
19810		XA342	66										SPP	01				RR4	G2				
21289		XA342	67		XA342	74				16B	9		33967G	03	GROUND			RR4					
22690		XA342	67										GND		GROUND			RR4					
19811		XA342	68										SPP	01				RR4					
00134		XA342	69		XA342	79				16B	9		+5RE2B	40				RR4	GP				
00135		XA342	70										SPP					RR4	GP			+5RE2B	B02
19812		XA342	71										SPP	01				RR4	H5				
19813		XA342	72										SPP	01				RR4	G1				
19814		XA342	73										SPP	01				RR4	H4				
21290		XA342	74		XA342	77				16B	9		33967G	04	GROUND			RR4	GC				
19815		XA342	75										SPP	01				RR4	H3				
19816		XA342	76										SPP	01				RR4	H2				
21291		XA342	77							16B	9		33967G	05	GROUND			RR4	HC				
19817		XA342	78										SPP	01				RR4	H1				
00136		XA342	79							16B	9		+5RE2B	41				RR4	HP				
00137		XA342	80							16B	9		+5KE19	03				RR4	HP				
09171		XA343	01										DNW	01				RR1					
00002		XA343	02										GND		GROUND			RR1					
21294		XA343	02		XA343	11				16B	9		34002G	03	GROUND			RR1					
00138		XA343	03		XA342	03				16B	9		+5RE2B	33				RR1	AP				
00139		XA343	04										SPP					RR1	AP			+5RE2B	B02
16826		XA343	05							16B	9		SPA067	11				RR1	A1				
16837		XA343	06							16B	9		SPA068	11				RR1	A2				
16848		XA343	07							16B	9		SPA069	11				RR1	A3				
16859		XA343	08							16B	9		SPA070	11				RR1	A4				
16870		XA343	09							16B	9		SPA071	11				RR1	A5				
16881		XA343	10							16B	9		SPA072	11				RR1	A6				
21295		XA343	11							16B	9		34002G	04	GROUND			RR1					
11383		XA343	12										+5V	01				RR1					
00140		XA343	13		XA343	03				16B	9		+5RE2B	32				RR1	BP				
00141		XA343	14										SPP					RR1	BP			+5RE2B	B02
CONNECTOR	XA343	CONTINUED ON THE NEXT PAGE ****																					

DRAWING NUMBER 149012-880 CONNECTOR UNIT ASSEMBLY NAME CARD CAGE ASSY,CPU L.H. UNIT ASSEMBLY NO. 149012 REV E INDEX XA343 FILE IDENT T39B2CP1 DATE 09-03-82 PAGE 253

RECORD NUMBER	FROM			TO			WIRE				SIGNAL	SQ 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											
12720		XA343	15								DNW	01									
12721		XA343	16								DNW	01			RR1					KEYWAY	C04
16892		XA343	17								16B	9			RR1					KEYWAY	C04
16894		XA343	18		XA345	01					16B	9			RR1	B1					
16904		XA343	19		XA345	79					16B	9			RR1	B2					
17016		XA343	20		XA423	29					16B	9			RR1	B3					
00142		XA343	21		XA343	13					16B	9			RR1	B4					
00143		XA343	22								+5RE2B	31			RR1	CP					
17052		XA343	23		XA424	36					16B	9			RR1	CP				+5RE2B	B02
17027		XA343	24		XA423	50					16B	9			RR1	C1					
17063		XA343	25		XA433	11					16B	9			RR1	B5					
17038		XA343	26		XA424	17					16B	9			RR1	C2					
12722		XA343	27								DNW	01			RR1					KEYWAY	C05
09172		XA343	28								DNW	01			RR1					KEYWAY	C05
17074		XA343	29		XA433	49					16B	9			RR1	C3					
17085		XA343	30		XA434	03					16B	9			RR1	C4					
17050		XA343	31								DNW				RR1						
22691		XA343	32								GND		GROUND		RR1						
00144		XA343	33		XA343	21					16B	9			RR1	DP					
00145		XA343	34								+5RE2B	30			RR1	DP				+5RE2B	B02
17118		XA343	35		XA447	37					16B	9			RR1	D1					
17107		XA343	36		XA447	03					16B	9			RR1	C6					
17129		XA343	37		XA447	70					16B	9			RR1	D2					
17096		XA343	38		XA434	35					16B	9			RR1	C5					
17140		XA343	39		XA448	23					16B	9			RR1	D3					
17151		XA343	40		XA448	56					16B	9			RR1	D4					
17192		XA343	41		XA449	78					16B	9			RR1	E1					
17170		XA343	42		XA449	10					16B	9			RR1	D5					
09173		XA343	43								DNW	01			RR1						
17166		XA343	44								GND		GROUND		RR1						
17203		XA343	45		XA450	29					16B	9			RR1	E2					
17181		XA343	46		XA449	42					16B	9			RR1	D6					
17214		XA343	47		XA410	76					16B	9			RR1	E3					
17224		XA343	48		XA410	78					16B	9			RR1	E4					
00146		XA343	49		XA343	33					16B	9			RR1	E5					
00147		XA343	50								+5RE2B	29			RR1	EP					
20543		XA343	51								SPF				RR1	EP				+5RE2B	B02
20544		XA343	52								SPR	01			RR1	F1					
20545		XA343	53								SPR	01			RR1	E5					
20546		XA343	54								SPR	01			RR1	F2					
20547		XA343	55								SPR	01			RR1	E6					
20548		XA343	56								SPP	01			RR1	F3					
09174		XA343	57								DNW	01			RR1	F4					
09175		XA343	58								GND	01	GROUND		RR1						
00148		XA343	59		XA343	49					16B	9			RR1	FP					
00149		XA343	60								+5RE2B	28			RR1	FP				+5RE2B	B02
20549		XA343	61								SPF				RR1	G1					
20550		XA343	62								SPR	01			RR1	F5					
20551		XA343	63								SPR	01			RR1	G2					
20552		XA343	64								SPR	01			RR1	F6					
CONNECTOR (XA343) CONTINUED ON THE NEXT PAGE ****																					

DRAWING NUMBER 149012-880 CONNECTOR
 UNIT ASSEMBLY NAME CARD CAGE ASSY,CPU L.H.

UNIT ASSEMBLY NO. 149012
 FILE IDENT T39B2CP1

REV E INDEX XA343
 DATE 09-03-82 PAGE 254

RECORD NUMBER	FROM			S/P	TO			S/P	WIRE				SFC INST MISC	SIGNAL	SEQ NO	EQUATION	TERM	FACTOR	CKT OR CHIP TYPE	WIRING	LOAD OF POWER PLANE	TEST POINTS AND OR	SIGNAL DESCRIPTION	ECO NO
	PREFIX	CONNECTOR	PIN		PREFIX	CONNECTOR	PIN		MULTI GROUP	CODE	COLOR	IDENT												
20553		XA343	65										SPR	01				RR1	G3					
20554		XA343	66										SPR	01				RR1	G4					
00003		XA343	67										GND		GROUND			RR1						
09176		XA343	68										DNW	01				RR1						
00150		XA343	69		XA343	59			16B	9			+5RE2B	27				RR1	GP			+5RE2B	B02	
00151		XA343	70										SPF				RR1	GP						
20555		XA343	71										SPR	01				RR1	H1					
20556		XA343	72										SPR	01				RR1	G5					
20557		XA343	73										SPR	01				RR1	H2					
20558		XA343	74										SPR	01				RR1	G6					
20559		XA343	75										SPR	01				RR1	H3					
20560		XA343	76										SPR	01				RR1	H4					
20561		XA343	77										SPR	01				RR1	H5					
20562		XA343	78										SPR	01				RR1	H6					
00152		XA343	79		XA343	69			16B	9			+5RE2B	26				RR1	HP					
00153		XA343	80		XA342	80			16B	9			+5RE19	02				RR1	HP					
02445		XA344	01		XA228	19			16B	9			AD13B4	02	AC132A	01 2	TT3	A2			02B			
11384		XA344	02										GND	01	GROUND		TT3				01B			
03756		XA344	03		XA243	72			16B	9			AM71DA	08	AC132A	01 3	TT3	A2			02A			
01575		XA344	04						16B	9			AC131A	02	AC131A	00 1	TT3	A1			04A		BUS TO AC REG. -	
00984		XA344	05		XA246	73			16B	9			ACADDD	08	AC132A	01 1	TT3	A2			03B			
07674		XA344	06		XA150	55			16B	9			DB13A0	02	AC131A	01 3	TT3	A1			05A			
01577		XA344	07						16B	9			AC132A	02	AC132A	00 1	TT3	A2			03A		ADDER TO AC REG.	
03597		XA344	08		XA348	11			16B	9			AM51DA	07	AC131A	01 2	TT3	A1			06A			
03638		XA344	09		XA243	14			16B	9			AM53DA	08	AC133A	01 1	TT3	A3			04B			
01131		XA344	10		XA348	09			16B	9			AC0BDD	07	AC131A	01 1	TT3	A1			07A			
03354		XA344	11		XA244	60			16B	9			AM01DD	08	AC133A	01 2	TT3	A3			05B			
12692		XA344	12										+5V	02			TT3							
01552		XA344	13		XA334	59			16B	9			AC12BQ	02	AC133A	01 3	TT3	A3			06B			
07706		XA344	14		XA150	73			16B	9			DB14A0	02	AC141A	01 2	TT3	B2			09A			
01579		XA344	15						16B	9			AC133A	02	AC133A	00 1	TT3	A3			07E		AC RT. SHIFT 12 T	
02465		XA344	16										GND		GROUND		TT3				21B			
03596		XA344	17		XA344	08			16B	9			AM51DA	06	AC141A	01 3	TT3	B2			08B			
01130		XA344	18		XA344	10			16B	9			AC09DD	06	AC141A	01 1	TT3	B2			10A			
01592		XA344	19						16B	9			AC141A	02	AC141A	00 1	TT3	B2			09B		BUS TO AC REG. -	
01581		XA344	20						16B	9			AC134A	02	AC134A	00 1	TT3	B1			11A		AC LEFT SHIFT 14	
00983		XA344	21		XA344	05			16B	9			ACADDD	07	AC142A	01 1	TT3	B3			10B			
01588		XA344	22		XA237	37			16B	9			AC14BQ	03	AC134A	01 3	TT3	B1			12A			
03755		XA344	23		XA344	03			16B	9			AM71DA	07	AC142A	01 2	TT3	B3			11B			
03519		XA344	24		XA348	23			16B	9			AM21DD	06	AC134A	01 2	TT3	B1			13A			
02470		XA344	25		XA333	62			16B	9			AD14B4	03	AC142A	01 3	TT3	B3			12B			
03396		XA344	26		XA348	21			16B	9			AM03DD	06	AC134A	01 1	TT3	B1			14A			
01594		XA344	27						16B	9			AC142A	02	AC142A	00 1	TT3	B3			13B		ADDER TO AC REG.	
00523		XA344	28										+5V	01			TT3							
03518		XA344	29		XA344	24			16B	9			AM21DD	05	AC144A	01 3	TT3	C2			14B			
01605		XA344	30		XA237	31			16B	9			AC15BQ	03	AC144A	01 2	TT3	C2			15A			
01598		XA344	31						16B	9			AC144A	02	AC144A	00 1	TT3	C2			15B		AC LEFT SHIFT 15	
07739		XA344	32										GND		GROUND		TT3				27A			
CONNECTOR (XA344) CONTINUED ON THE NEXT PAGE ****																								

DRAWING NUMBER 149012-880 CONNECTOR
 UNIT ASSEMBLY NAME CARD CAGE ASSY,CPU L.H.

UNIT ASSEMBLY NO. 149012
 FILE IDENT T39B2CP1

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 DATE 09-03-82 PAGE 255

RECORD NUMBER	FROM				TO				WIRE				SIGNAL	SEQ NO	EQUATION	TERM	CKT OR CHIP TYPE	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									
01129		XA344	33			XA344	18			16B	9		AC0800	05	AC151A	01	1	TT3	C3	16A	
03395		XA344	34			XA344	26			16B	9		AM0300	05	AC144A	01	1	TT3	C2	16A	
03595		XA344	35			XA344	17			16B	9		AM510A	05	AC151A	01	2	TT3	C3	17B	
01596		XA344	36							16B	9		AC143A	02	AC143A	00	1	TT3	C1	17A	AC RT. SHIFT 13 T
07742		XA344	37			XA146	10			16B	9		DB15A0	02	AC151A	01	3	TT3	C3	18B	
01570		XA344	38			XA334	55			16B	9		AC13BQ	02	AC143A	01	3	TT3	C1	18A	
01610		XA344	39							16B	9		AC151A	02	AC151A	00	1	TT3	C3	19B	BUS TO AC REG. -
03634		XA344	40			XA348	35			16B	9		AM53DA	04	AC143A	01	2	TT3	C1	19A	
03623		XA344	41			XA344	40			16B	9		AM53DA	03	AC153A	01	3	TT3	D2	22B	
03350		XA344	42			XA348	33			16B	9		AM01D0	04	AC143A	01	1	TT3	C1	20A	
01614		XA344	43							16B	9		AC153A	02	AC153A	00	1	TT3	D2	23B	AC RT. SHIFT 14 T
11385		XA344	44										GND	01	GROUND			TT3		40A	
03394		XA344	45			XA344	34			16B	9		AM03D0	04	AC154A	01	1	TT3	D3	24B	
03349		XA344	46			XA344	42			16B	9		AM01D0	03	AC153A	01	2	TT3	D2	21A	
03517		XA344	47			XA344	29			16B	9		AM21D0	04	AC154A	01	2	TT3	D3	25B	
01587		XA344	48			XA344	22			16B	9		AC14BQ	02	AC153A	01	1	TT3	D2	22A	
01644		XA344	49			XA215	53			16B	9		AC16BQ	04	AC154A	01	2	TT3	D3	26B	ADDER TO AC REG.
01612		XA344	50							16B	9		AC152A	02	AC152A	00	1	TT3	D1	23A	
01616		XA344	51							16B	9		AC154A	02	AC154A	00	1	TT3	D2	27B	AC LEFT SHIFT 16
02452		XA344	52			XA333	70			16B	9		AD15B1	01	AC152A	01	3	TT3	D1	24A	
03759		XA344	53			XA243	69			16B	9		AM71EA	01	AC162A	01	3	TT3	E2	28B	
03751		XA344	54			XA348	47			16B	9		AM71DA	03	AC152A	01	2	TT3	D1	25A	
01650		XA344	55							16B	9		AC162A	02	AC162A	00	1	TT3	E2	29B	ADDER TO AC REG.
00979		XA344	56			XA348	45			16B	9		ACADDD	03	AC152A	01	1	TT3	D1	26A	
03356		XA344	57			XA244	57			16B	9		AM01E0	01	AC163A	01	1	TT3	E3	30B	
11386		XA344	58										GND	01	GROUND			TT3		40B	
01604		XA344	59			XA344	30			16B	9		AC15BQ	02	AC163A	01	2	TT3	E3	31B	
00986		XA344	60			XA246	74			16B	9		ACADE0	01	AC162A	01	2	TT3	E2	28A	
03641		XA344	61			XA248	70			16B	9		AM53EA	01	AC163A	01	3	TT3	E3	32B	
02521		XA344	62			XA333	47			16B	9		AD16B4	01	AC162A	01	1	TT3	E2	29A	
01652		XA344	63							16B	9		AC163A	02	AC163A	00	1	TT3	E3	33B	AC RT. SHIFT 15 T
01648		XA344	64							16B	9		AC161A	02	AC161A	00	1	TT3	E1	30A	BUS TO AC REG. -
01201		XA344	65			XA244	22			16B	9		ACRHC0	02	AC077A	01	3	TT3	F2	34B	
03601		XA344	66			XA243	57			16B	9		AM51EA	01	AC161A	01	3	TT3	E1	31A	
11387		XA344	67										GND	01	GROUND			TT3			
01134		XA344	68			XA249	72			16B	9		ACDBE0	01	AC161A	01	2	TT3	E1	32A	
01200		XA344	69			XA344	65			16B	9		ACRHC0	01	AC157A	01	1	TT3	F3	35A	
07777		XA344	70			XA335	51			16B	9		DB16A0	03	AC161A	01	1	TT3	E1	33A	
05828		XA344	71			XA244	79			16B	9		CMA1CP	01	AC077A	01	1	TT3	F2	36A	
07776		XA344	72			XA344	70			16B	9		DB16AJ	02	AC077A	01	2	TT3	F2	34A	
01654		XA344	73							16B	9		AC164A	02	AC164A	00	1	TT3	F1	36B	AC LEFT SHIFT 17
01460		XA344	74							16B	9		AC077A	10	AC077A	00	1	TT3	F2	35B	DB 16 TO AC SE -
03523		XA344	75			XA244	69			16B	9		AM21E0	01	AC164A	01	3	TT3	F1	37B	
07775		XA344	76			XA344	72			16B	9		DB16A0	01	AC157A	01	2	TT3	F3	37A	
01661		XA344	77			XA334	41			16B	9		AC17BQ	01	AC164A	01	2	TT3	F1	38B	
05812		XA344	78			XA244	70			16B	9		CMA1BP	01	AC157A	01	3	TT3	F3	38A	
03401		XA344	79			XA249	79			16B	9		AM03E0	01	AC164A	01	1	TT3	F1	39B	
01625		XA344	80							16B	9		AC157A	09	AC157A	00	1	TT3	F3	39A	DB 16 TO AC 08 -

DRAWING NUMBER 149012-880 CONNECTOR
 UNIT ASSEMBLY NAME CARD CAGE ASSY,CPU L.H.

UNIT ASSEMBLY NO. 149012
 FILE IDENT T39B2CP1

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 DATE 09-03-82 PAGE 256

RECORD NUMBER	FROM			SIGNAL	SEQ NO	EQUATION	TERM	FACTOR	CKT OF CHIP TYPE	GROUP	TEST POINTS AND/OR	SIGNAL DESCRIPTION	ECO NO
	PREFIX	CONNECTOR	PIN										
16895		XA345	01		SPA074	03	AC1190	01	6	TS8	A1	02B	
11388		XA345	02		GND	01	GROUND			TS8		01A	
09177		XA345	03		DNW	01				TS8			
01542		XA345	04		AC112A	02	AC1190	01	4	TS8	A1	04A	
01540		XA345	05		AC111A	02	AC1190	01	5	TS8	A1	03B	
01544		XA345	06		AC113A	02	AC1190	01	3	TS8	A1	05A	
01617		XA345	07	XA345	AC157A	01	AC1190	01	7	TS8	A1	03A	
01682		XA345	08	XA249	AC176A	09	AC1190	01	2	TS8	A1	06A	
09178		XA345	09		DNW	01				TS8			
01633		XA345	10	XA249	AC158A	08	AC1190	01	1	TS8	A1	07A	
01547		XA345	11	XA237	AC1190	01	AC1190	00	1	TS8	A1	05B	AC 11 INPUT DATA
00524		XA345	12		+5V	01				TS8			
01546		XA345	13		AC114A	02	AC1190	01	8	TS8	A1	06B	
01558		XA345	14		AC121A	02	AC1290	01	6	TS8	B1	09A	
09179		XA345	15		DNW	01				TS8			
11389		XA345	16		GND	01	GROUND			TS8		21B	
09180		XA345	17		DNW	01				TS8			
01562		XA345	18		AC123A	02	AC1290	01	5	TS8	B1	10A	
01632		XA345	19	XA345	AC158A	07	AC1290	01	7	TS8	B1	09B	
01560		XA345	20		AC122A	02	AC1290	01	4	TS8	B1	11A	
09181		XA345	21		DNW	01				TS8			
01564		XA345	22		AC124A	02	AC1290	01	3	TS8	B1	12A	
01565		XA345	23	XA237	AC1290	01	AC1290	00	1	TS8	B1	11B	AC 12 INPUT DATA
01681		XA345	24	XA345	AC176A	08	AC1290	01	2	TS8	B1	13A	
16896		XA345	25	XA345	SPA074	04	AC1290	01	8	TS8	B1	12B	
01618		XA345	26	XA345	AC157A	02	AC1290	01	1	TS8	B1	14A	
09182		XA345	27		DNW	01				TS8			
00525		XA345	28		+5V	01				TS8			
09183		XA345	29		DNW	01				TS8			
01578		XA345	30	XA344	AC133A	01	AC1390	01	6	TS8	C1	15A	
01631		XA345	31	XA345	AC158A	06	AC1390	01	7	TS8	C1	15B	
11390		XA345	32		GND	01	GROUND			TS8		27A	
09184		XA345	33		DNW	01				TS8			
01574		XA345	34	XA344	AC131A	01	AC1390	01	5	TS8	C1	16A	
01582		XA345	35	XA237	AC1390	01	AC1390	00	1	TS8	C1	17B	AC 13 INPUT DATA
01580		XA345	36	XA344	AC134A	01	AC1390	01	4	TS8	C1	17A	
01576		XA345	37	XA344	AC132A	01	AC1390	01	8	TS8	C1	18B	
16897		XA345	38	XA345	SPA074	05	AC1390	01	3	TS8	C1	18A	
09185		XA345	39		DNW	01				TS8			
01680		XA345	40	XA345	AC176A	07	AC1390	01	2	TS8	C1	19A	
09186		XA345	41		DNW	01				TS8			
01619		XA345	42	XA345	AC157A	03	AC1390	01	1	TS8	C1	20A	
01591		XA345	43	XA344	AC141A	01	AC1490	01	7	TS8	D1	23B	
11391		XA345	44		GND	01	GROUND			TS8		40A	
09187		XA345	45		DNW	01				TS8			
01620		XA345	46	XA346	AC157A	04	AC1490	01	6	TS8	D1	21A	
01599		XA345	47	XA237	AC1490	01	AC1490	00	1	TS8	D1	25B	AC 14 INPUT DATA
01630		XA345	48	XA345	AC158A	05	AC1490	01	5	TS8	D1	22A	
01593		XA345	49	XA344	AC142A	01	AC1490	01	8	TS8	D1	26B	
01679		XA345	50	XA345	AC176A	06	AC1490	01	4	TS8	D1	23A	
CONNECTOR XA345 CONTINUED ON THE NEXT PAGE ****													

DRAWING NUMBER 149012-880 CONNECTOR UNIT ASSEMBLY NAME CARD CAGE ASSY,CPU L.H. UNIT ASSEMBLY NO. 149012 REV E INDEX XA345 FILE IDENT T39B2CP1 DATE 09-03-82 PAGE 257

RECORD NUMBER	FRGM			TO			WIRE				SFC INST MISC	SIGNAL	SFC NO	EQUATION	TERM	FACTOR	CKT OR CHIP TYPE	GROUP	LOAD OR POWER PL. LINE	TEST POINTS AND/OR	SIGNAL DESCRIPTION	ECO NO
	PREFIX	CONNECTOR	PIN	PREFIX	CONNECTOR	PIN	MULTI GROUP	CODE	COLOR	IDENT												
09188		XA345	51									DNW	01									
01597		XA345	52		XA344	31		16B	9			AC144A	01	AC1490	01	3	TS8	D1		24A		
09189		XA345	53									DNW	01									
01595		XA345	54		XA344	36		16B	9			AC143A	01	AC1490	01	2	TS8	D1		25A		
01628		XA345	55		XA346	52		16B	9			AC158A	03	AC1590	01	7	TS8	F1		29B		
16898		XA345	56		XA345	68		16B	9			SPA074	06	AC1490	01	1	TS8	D1		26A		
09190		XA345	57									DNW	01									
11392		XA345	58									GND	01	GROUND								
01635		XA345	59		XA237	34		16B	9			AC1590	01	AC1590	00	1	TS8	E1		31B	AC 15 INPUT DATA	
01622		XA345	60		XA346	70		16B	9			AC157A	06	AC1590	01	6	TS8	E1		28A		
01609		XA345	61		XA344	39		16B	9			AC151A	01	AC1590	01	8	TS8	E1		32B		
01611		XA345	62		XA344	50		16B	9			AC152A	01	AC1590	01	5	TS8	E1		29A		
09191		XA345	63									DNW	01									
01615		XA345	64		XA344	51		16B	9			AC154A	01	AC1590	01	4	TS8	E1		30A		
09192		XA345	65									DNW	01									
01613		XA345	66		XA344	43		16B	9			AC153A	01	AC1590	01	3	TS8	E1		31A		
11393		XA345	67									GND	01	GROUND								
16899		XA345	68		XA345	73		16B	9			SPA074	07	AC1590	01	2	TS8	E1		32A		
09193		XA345	69									DNW	01									
01676		XA345	70		XA346	55		16B	9			AC176A	03	AC1590	01	1	TS8	E1		33A		
01651		XA345	71		XA344	63		16B	9			AC163A	01	AC1690	01	5	TS8	F1		36A		
01675		XA345	72		XA345	70		16B	9			AC176A	02	AC1690	01	6	TS8	F1		34A		
16900		XA345	73		XA346	07		16B	9			SPA074	08	AC1690	01	4	TS8	F1		36B		
01798		XA345	74		XA240	46		16B	9			AC238A	01	AC1690	01	7	TS8	F1		35B		
01647		XA345	75		XA344	64		16B	9			AC161A	01	AC1690	01	3	TS8	F1		37B		
01655		XA345	76		XA237	54		16B	9			AC1690	01	AC1690	00	1	TS8	F1		37A	AC 16 INPUT DATA	
01653		XA345	77		XA344	73		16B	9			AC164A	01	AC1690	01	2	TS8	F1		38B		
01649		XA345	78		XA344	55		16B	9			AC162A	01	AC1690	01	8	TS8	F1		38A		
16905		XA345	79		XA346	43		16B	9			SPA075	02	AC1690	01	1	TS8	F1		39B		
09194		XA345	80									DNW	01									
01399		XA346	01					16B	9			AC051A	02	AC0590	01	6	TS8	A1		02B		
11394		XA346	02									GND	01	GROUND						01A		
09195		XA346	03									DNW	01									
01451		XA346	04		XA347	10		16B	9			AC077A	01	AC0590	01	4	TS8	A1		04A		
01405		XA346	05					16B	9			AC054A	02	AC0590	01	5	TS8	A1		03B		
01401		XA346	06					16B	9			AC052A	02	AC0590	01	3	TS8	A1		05A		
16901		XA346	07		XA346	19		16B	9			SPA074	09	AC0590	01	7	TS8	A1		03A		
01468		XA346	08		XA347	07		16B	9			AC078A	09	AC0590	01	2	TS8	A1		06A		
09196		XA346	09									DNW	01									
01448		XA346	10		XA347	05		16B	9			AC076A	08	AC0590	01	1	TS8	A1		07A		
01406		XA346	11		XA238	54		16B	9			AC0590	01	AC0590	00	1	TS8	A1		05B	AC 05 INPUT DATA	
00526		XA346	12									+5V	01									
01403		XA346	13					16B	9			AC053A	02	AC0590	01	8	TS8	A1		06B		
01447		XA346	14		XA346	10		16B	9			AC076A	07	AC0690	01	6	TS8	B1		09A		
09197		XA346	15									DNW	01									
11395		XA346	16									GND	01	GROUND								
09198		XA346	17									DNW	01									
01467		XA346	18		XA346	08		16B	9			AC078A	07	AC0690	01	5	TS8	B1		10A		
CONNECTOR (XA346) CONTINUED ON THE NEXT PAGE ****																						

DRAWING NUMBER 149012-880 CONNECTOR
 UNIT ASSEMBLY NAME CARD CAGE ASSY,CPU L.H.

UNIT ASSEMBLY NO. 149012
 FILE IDENT T39B2CP1

REV E INDEX XA346
 DATE 09-03-82 PAGE 258

RECORD NUMBER	FROM			TO			WIRE				SIGNAL	SEQ NO	EQUATION	TERM	FACTOR	CKT OR CHIP TYPE	GND	LOAD OR POWER PLANE	TEST POINTS AND/OR	SIGNAL DESCRIPTION	ECC NO
	PREFIX	CONNECTOR	PIN	PREFIX	CONNECTOR	PIN	MULTI GROUP	CODE	COLOR	IDENT											
16902		XA346	19		XA346	36		16B	9		SPA074	10	AC0690	01	7	TS8	B1		09B		
01420		XA346	20					16B	9		AC063A	02	AC0690	01	4	TS8	B1		11A		
09199		XA346	21								DNW	01				TS8					
01418		XA346	22					16B	9		AC062A	02	AC0690	01	3	TS8	B1		12A		
01423		XA346	23		XA238	48		16B	9		AC0690	01	AC0690	00	1	TS8	B1		11B	AC 06 INPUT DATA	
01416		XA346	24					16B	9		AC061A	02	AC0690	01	2	TS8	B1		13A		
01422		XA346	25					16B	9		AC064A	02	AC0690	01	8	TS8	B1		12B		
01454		XA346	26		XA346	34		16B	9		AC077A	04	AC0690	01	1	TS8	B1		14A		
09200		XA346	27								DNW	01				TS8					
00527		XA346	28								+5V	01				TS8					
09201		XA346	29								DNW	01				TS8					
01445		XA346	30		XA347	25		16B	9		AC076A	05	AC0790	01	6	TS8	C1		15A		
01465		XA346	31		XA347	22		16B	9		AC078A	05	AC0790	01	7	TS8	C1		15B		
11396		XA346	32								GND	01	GROUND			TS8			27A		
09202		XA346	33								DNW	01				TS8					
01455		XA346	34		XA347	37		16B	9		AC077A	05	AC0790	01	5	TS8	C1		16A		
01471		XA346	35		XA238	68		16B	9		AC0790	01	AC0790	00	1	TS8	C1		17B	AC 07 INPUT DATA	
16903		XA346	36					16B	9		SPA074	11	AC0790	01	4	TS8	C1		17A		
01440		XA346	37					16B	9		AC074A	02	AC0790	01	8	TS8	C1		18B		
01436		XA346	38					16B	9		AC072A	02	AC0790	01	3	TS8	C1		18A		
09203		XA346	39								DNW	01				TS8					
01434		XA346	40					16B	9		AC071A	02	AC0790	01	2	TS8	C1		19A		
09204		XA346	41								DNW	01				TS8					
01438		XA346	42					16B	9		AC073A	02	AC0790	01	1	TS8	C1		20A		
16906		XA346	43		XA346	68		16B	9		SPA075	03	AC0890	01	7	TS8	D1		23B		
11397		XA346	44								GND	01	GROUND			TS8			40A		
09205		XA346	45								DNW	01				TS8					
01488		XA346	46					16B	9		AC084A	02	AC0890	01	6	TS8	D1		21A		
01489		XA346	47		XA238	62		16B	9		AC0890	01	AC0890	00	1	TS8	D1		25B	AC 08 INPUT DATA	
01486		XA346	48					16B	9		AC083A	02	AC0890	01	5	TS8	D1		22A		
01621		XA346	49		XA345	60		16B	9		AC157A	05	AC0890	01	8	TS8	D1		26B		
01482		XA346	50					16B	9		AC081A	02	AC0890	01	4	TS8	D1		23A		
09206		XA346	51								DNW	01				TS8					
01629		XA346	52		XA345	48		16B	9		AC158A	04	AC0890	01	3	TS8	D1		24A		
09207		XA346	53								DNW	01				TS8					
01484		XA346	54					16B	9		AC082A	02	AC0890	01	2	TS8	D1		25A		
01677		XA346	55		XA346	56		16B	9		AC176A	04	AC0990	01	7	TS8	E1		29B		
01678		XA346	56		XA345	50		16B	9		AC176A	05	AC0890	01	1	TS8	D1		26A		
09208		XA346	57								DNW	01				TS8					
11398		XA346	58								GND	01	GROUND			TS8					
01508		XA346	59		XA238	77		16B	9		AC0990	01	AC0990	00	1	TS8	E1		31B	AC 09 INPUT DATA	
01501		XA346	60					16B	9		AC091A	02	AC0990	01	6	TS8	E1		28A		
01627		XA346	61		XA345	55		16B	9		AC158A	02	AC0990	01	8	TS8	E1		32B		
01505		XA346	62					16B	9		AC093A	02	AC0990	01	5	TS8	E1		29A		
09209		XA346	63								DNW	01				TS8					
01503		XA346	64					16B	9		AC092A	02	AC0990	01	4	TS8	E1		30A		
09210		XA346	65								DNW	01				TS8					
01507		XA346	66					16B	9		AC094A	02	AC0990	01	3	TS8	E1		31A		
11399		XA346	67								GND	01	GROUND			TS8					
16907		XA346	68		XA346	79		16B	9		SPA075	04	AC0990	01	2	TS8	E1		32A		
CONNECTOR XA346 CONTINUED ON THE NEXT PAGE ****																					

DRAWING NUMBER 149012-880 CONNECTOR UNIT ASSEMBLY NO. 149012 REV E INDEX XA346
 UNIT ASSEMBLY NAME CARD CAGE ASSY,CPU L.H. FILE IDENT T39B2CP1 DATE 09-03-82 PAGE 259

RECORD NUMBER	FROM			TO			WIRE				SIGNAL	SEC NO	EQUATION	TERM	FACT	CKT OR CHIP TYPE	GRP	LOAD OR POWER PLANE	TEST POINTS AND/OR	SIGNAL DESCRIPTION	ECO NO
	PREFIX	CONNECTOR	PIN	PREFIX	CONNECTOR	PIN	SIZE	MULTI GROUP	CODE	COLOR											
09211		XA346	69									DNW	01								
01623		XA346	70		XA346	74			16B	9		AC157A	07	AC0990	01	1	TS8	E1		33A	
01520		XA346	71						16B	9		AC102A	02	AC1090	01	5	TS8	F1		36A	
01626		XA346	72		XA346	61			16B	9		AC158A	01	AC1090	01	6	TS8	F1		34A	
01518		XA346	73						16B	9		AC101A	02	AC1090	01	4	TS8	F1		36B	
01624		XA346	74		XA344	80			16B	9		AC157A	08	AC1090	01	7	TS8	F1		35B	
01522		XA346	75						16B	9		AC103A	02	AC1090	01	3	TS8	F1		37B	
01527		XA346	76		XA237	08			16B	9		AC1090	01	AC1090	00	1	TS8	F1		37A	AC 10 INPUT DATA
01524		XA346	77						16B	9		AC104A	02	AC1090	01	2	TS8	F1		38B	
01674		XA346	78		XA345	72			16B	9		AC176A	01	AC1090	01	8	TS8	F1		38A	
16908		XA346	79		XA347	24			16B	9		SPA075	05	AC1090	01	1	TS8	F1		39B	
09212		XA346	80									DNW	01								
01226		XA347	01		XA245	76			16B	9		ACSE1A	01	ACSE90	01	6	TS8	A1		02B	
11400		XA347	02									GND	01	GROUND			TS8			01A	
09213		XA347	03									DNW	01				TS8				
01231		XA347	04						16B	9		ACSE3A	02	ACSE90	01	4	TS8	A1		04A	
01449		XA347	05		XA249	04			16B	9		AC076A	09	ACSE90	01	5	TS8	A1		03B	
01229		XA347	06						16B	9		ACSE2A	02	ACSE90	01	3	TS8	A1		05A	
01469		XA347	07		XA249	07			16B	9		AC078A	09	ACSE90	01	7	TS8	A1		03A	
01235		XA347	08						16B	9		ACSE5A	02	ACSE90	01	2	TS8	A1		06A	
09214		XA347	09									DNW	01				TS8				
01452		XA347	10		XA347	19			16B	9		AC077A	02	ACSE90	01	1	TS8	A1		07A	
01236		XA347	11		XA238	08			16B	9		ACSE90	01	ACSE90	00	1	TS8	A1		05B	AC SE INPUT DATA
00528		XA347	12									+5V	01				TS8				
01233		XA347	13						16B	9		ACSE4A	02	ACSE90	01	8	TS8	A1		06B	
01302		XA347	14		XA242	23			16B	9		AC003A	01	AC0090	01	6	TS8	B1		09A	
09215		XA347	15									DNW	01				TS8				
11401		XA347	16									GND	01	GROUND			TS8			21B	
09216		XA347	17									DNW	01				TS8				
01304		XA347	18		XA245	69			16B	9		AC004A	01	AC0090	01	5	TS8	B1		10A	
01453		XA347	19		XA346	26			16B	9		AC077A	03	AC0090	01	7	TS8	B1		09B	
01299		XA347	20						16B	9		AC001A	02	AC0090	01	4	TS8	B1		11A	
09217		XA347	21									DNW	01				TS8				
01466		XA347	22		XA346	18			16B	9		AC078A	06	AC0090	01	3	TS8	B1		12A	
01306		XA347	23		XA238	05			16B	9		AC0090	01	AC0090	00	1	TS8	B1		11B	AC 00 INPUT DATA
16909		XA347	24		XA347	31			16B	9		SPA075	06	AC0090	01	2	TS8	B1		13A	
01446		XA347	25		XA346	14			16B	9		AC076A	06	AC0090	01	8	TS8	B1		12B	
01301		XA347	26						16B	9		AC002A	02	AC0090	01	1	TS8	B1		14A	
09218		XA347	27									DNW	01				TS8				
00525		XA347	28									+5V	01				TS8				
09219		XA347	29									DNW	01				TS8				
01327		XA347	30						16B	9		AC013A	02	AC0190	01	6	TS8	C1		15A	
16910		XA347	31		XA347	43			16B	9		SPA075	07	AC0190	01	7	TS8	C1		15B	
11402		XA347	32									GND	01	GROUND			TS8			27A	
09220		XA347	33									DNW	01				TS8				
01325		XA347	34						16B	9		AC012A	02	AC0190	01	5	TS8	C1		16A	
01330		XA347	35		XA238	24			16B	9		AC0190	01	AC0190	00	1	TS8	C1		17B	AC 01 INPUT DATA
01323		XA347	36						16B	9		AC011A	02	AC0190	01	4	TS8	C1		17A	
CONNECTOR (XA347) CONTINUED ON THE NEXT PAGE ****																					

DRAWING NUMBER 149012-880 CONNECTOR UNIT ASSEMBLY NO. 149012 REV E INDEX XA347
 UNIT ASSEMBLY NAME CARD CAGE ASSY,CPU L.H. FILE IDENT T39B2CP1 DATE 09-03-82 PAGE 260

RECORD NUMBER	FROM			TO			WIRE				SIGNAL	SEQ NO	EQUATION	TERM	FACTOR	CKT OR CHIP TYPE	SPOW	LOAD CP POWER PLANE	TEST POINTS ANCLOR	SIGNAL DESCRIPTION	ECO NO
	PREFIX	CONNECTOR	PIN	PREFIX	CONNECTOR	PIN	SH PG	MULTI GROUP	CODE	COLOP											
01456		XA347	37		XA347	49			16B	9		AC077A	06	AC0190	01	8	TS8	C1		18B	
01464		XA347	38		XA346	31			16B	9		AC078A	04	AC0190	01	3	TS8	C1		18A	
09221		XA347	39									DNW	01				TS8				
01329		XA347	40						16B	9		AC014A	02	AC0190	01	2	TS8	C1		19A	
09222		XA347	41									DNW	01				TS8				
01444		XA347	42		XA346	30			16B	9		AC076A	04	AC0190	01	1	TS8	C1		20A	
16911		XA347	43		XA347	60			16B	9		SPA075	08	AC0290	01	7	TS8	D1		23B	
11403		XA347	44									GND	01	GROUND			TS8			40A	
09223		XA347	45						16B	9		DNW	01				TS8				
01344		XA347	46									AC021A	02	AC0290	01	6	TS8	D1		21A	
01351		XA347	47		XA238	18			16B	9		AC0290	01	AC0290	00	1	TS8	D1		25B	AC 02 INPUT DATA
01346		XA347	48						16B	9		AC022A	02	AC0290	01	5	TS8	D1		22A	
01457		XA347	49		XA347	55			16B	9		AC077A	07	AC0290	01	8	TS8	D1		26B	
01350		XA347	50						16B	9		AC024A	02	AC0290	01	4	TS8	D1		23A	
09224		XA347	51									DNW	01				TS8				
01348		XA347	52						16B	9		AC023A	02	AC0290	01	3	TS8	D1		24A	
09225		XA347	53									DNW	01				TS8				
01463		XA347	54		XA347	38			16B	9		AC078A	03	AC0290	01	2	TS8	D1		25A	
01458		XA347	55		XA347	72			16B	9		AC077A	08	AC0390	01	7	TS8	E1		29B	
01443		XA347	56		XA347	42			16B	9		AC076A	03	AC0290	01	1	TS8	D1		26A	
09226		XA347	57									DNW	01				TS8				
11404		XA347	58									GND	01	GROUND			TS8				
01369		XA347	59		XA238	40			16B	9		AC0390	01	AC0390	00	1	TS8	E1		31B	AC 03 INPUT DATA
16912		XA347	60		XA347	79			16B	9		SPA075	09	AC0390	01	6	TS8	E1		28A	
01368		XA347	61						16B	9		AC034A	02	AC0390	01	8	TS8	E1		32B	
01362		XA347	62						16B	9		AC031A	02	AC0390	01	5	TS8	E1		29A	
09227		XA347	63									DNW	01				TS8				
01366		XA347	64						16B	9		AC033A	02	AC0390	01	4	TS8	E1		30A	
09228		XA347	65									DNW	01				TS8				
01364		XA347	66						16B	9		AC032A	02	AC0390	01	3	TS8	E1		31A	
11405		XA347	67									GND	01	GROUND			TS8				
01462		XA347	68		XA347	54			16B	9		AC078A	02	AC0390	01	2	TS8	E1		32A	
09229		XA347	69									DNW	01				TS8				
01442		XA347	70		XA347	56			16B	9		AC076A	02	AC0390	01	1	TS8	E1		33A	
01461		XA347	71		XA347	68			16B	9		AC078A	01	AC0490	01	5	TS8	F1		36A	
01459		XA347	72		XA344	74			16B	9		AC077A	09	AC0490	01	6	TS8	F1		34A	
01380		XA347	73						16B	9		AC041A	02	AC0490	01	4	TS8	F1		36B	
01441		XA347	74		XA347	70			16B	9		AC076A	01	AC0490	01	7	TS8	F1		35B	
01384		XA347	75						16B	9		AC043A	02	AC0490	01	3	TS8	F1		37B	
01389		XA347	76		XA238	34			16B	9		AC0490	01	AC0490	00	1	TS8	F1		37A	AC 04 INPUT DATA
01386		XA347	77						16B	9		AC044A	02	AC0490	01	2	TS8	F1		38B	
01382		XA347	78						16B	9		AC042A	02	AC0490	01	8	TS8	F1		38A	
16913		XA347	79		XA413	62			16B	9		SPA075	10	AC0490	01	1	TS8	F1		39B	
09230		XA347	80									DNW	01				TS8				
03398		XA348	01		XA242	10			16B	9		AM03D0	08	AC084A	01	2	TT3	A2		02B	
11406		XA348	02									GND	01	GROUND			TT3			01B	
03521		XA348	03		XA244	72			16B	9		AM21D0	08	AC084A	01	3	TT3	A2		02A	
01485		XA348	04		XA346	48			16B	9		AC083A	01	AC083A	00	1	TT3	A1		04A	AC RT. SHIFT 07 T
CONNECTOR (XA348) CONTINUED ON THE NEXT PAGE ****																					

DRAWING NUMBER 149012-880 CONNECTOR UNIT ASSEMBLY NO. 149012 REV E INDEX XA348
 UNIT ASSEMBLY NAME CARD CAGE ASSY,CPU L.H. FILE IDENT T39B2CP1 DATE 09-03-82 PAGE 261

RECORD NUMBER	FROM			TO			WIRE				SIGNAL	SPQ 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											
01496		XA348	05		XA238	78		16B	9			AC098Q	02	AC084A	01	1	TT3	A2			
01428		XA348	06		XA238	61		16B	9			AC078Q	02	AC083A	01	3	TT3	A1			
01487		XA348	07		XA346	46		16B	9			AC084A	01	AC084A	00	1	TT3	A2			
03637		XA348	08		XA344	09		16B	9			AM53DA	07	AC083A	01	2	TT3	A1			AC LEFT SHIFT 09
01132		XA348	09		XA245	35		16B	9			AC080D	08	AC091A	01	1	TT3	A3			04B
03353		XA348	10		XA344	11		16B	9			AM01D0	07	AC083A	01	1	TT3	A1			07A
03598		XA348	11		XA243	60		16B	9			AM51DA	08	AC091A	01	2	TT3	A3			05B
00530		XA348	12									+5V	01				TT3				
07542		XA348	13		XA150	19		16B	9			DB09A0	02	AC091A	01	3	TT3	A3			06B
01477		XA348	14		XA238	55		16B	9			AC088Q	03	AC093A	01	2	TT3	B2			09A
01500		XA348	15		XA346	60		16B	9			AC091A	01	AC091A	00	1	TT3	A3			BUS TO AC REG. -
07539		XA348	16									GND		GROUND			TT3				21B
03636		XA348	17		XA348	08		16B	9			AM53DA	06	AC093A	01	3	TT3	B2			08B
03352		XA348	18		XA348	10		16B	9			AM01D0	06	AC093A	01	1	TT3	B2			10A
01504		XA348	19		XA346	62		16B	9			AC093A	01	AC093A	00	1	TT3	B2			09B
01502		XA348	20		XA346	64		16B	9			AC092A	01	AC092A	00	1	TT3	B1			11A
03397		XA348	21		XA348	01		16B	9			AM0300	07	AC094A	01	1	TT3	B3			10B
02341		XA348	22		XA150	25		16B	9			AD0964	04	AC092A	01	3	TT3	B1			12A
03520		XA348	23		XA348	03		16B	9			AM21D0	07	AC094A	01	2	TT3	B3			11B
03754		XA348	24		XA344	23		16B	9			AM71DA	06	AC092A	01	2	TT3	B1			13A
01514		XA348	25		XA237	13		16B	9			AC108Q	03	AC094A	01	3	TT3	B3			12B
00982		XA348	26		XA344	21		16B	9			ACA0D0	06	AC092A	01	1	TT3	B1			14A
01506		XA348	27		XA346	66		16B	9			AC094A	01	AC094A	00	1	TT3	B3			13B
00531		XA348	28									+5V	01				TT3				
03753		XA348	29		XA348	24		16B	9			AM71DA	05	AC102A	01	3	TT3	C2			14B
02363		XA348	30		XA150	31		16B	9			AD10B4	04	AC102A	01	2	TT3	C2			15A
01519		XA348	31		XA346	71		16B	9			AC102A	01	AC102A	00	1	TT3	C2			15B
11407		XA348	32									GND	01	GROUND			TT3				27A
03351		XA348	33		XA348	18		16B	9			AM01D0	05	AC103A	01	1	TT3	C3			16B
00981		XA348	34		XA348	26		16B	9			ACA0D0	05	AC102A	01	1	TT3	C2			16A
03635		XA348	35		XA348	17		16B	9			AM53DA	05	AC103A	01	2	TT3	C3			17B
01517		XA348	36		XA346	73		16B	9			AC101A	01	AC101A	00	1	TT3	C1			17A
01495		XA348	37		XA348	05		16B	9			AC098Q	01	AC103A	01	3	TT3	C3			BUS TO AC REG. -
07574		XA348	38		XA150	36		16B	9			DB10A0	02	AC101A	01	3	TT3	C1			18B
01521		XA348	39		XA346	75		16B	9			AC103A	01	AC103A	00	1	TT3	C3			18A
03594		XA348	40		XA344	35		16B	9			AM51DA	04	AC101A	01	2	TT3	C1			AC RT. SHIFT 09 T
03593		XA348	41		XA348	40		16B	9			AM51DA	03	AC111A	01	3	TT3	D2			19B
01128		XA348	42		XA344	33		16B	9			AC080D	04	AC101A	01	1	TT3	C1			19A
01539		XA348	43		XA345	05		16B	9			AC111A	01	AC111A	00	1	TT3	D2			BUS TO AC REG. -
07605		XA348	44									GND		GROUND			TT3				23B
00980		XA348	45		XA348	34		16B	9			ACA0D0	04	AC112A	01	1	TT3	D3			40A
07608		XA348	46		XA150	56		16B	9			DB11A0	02	AC111A	01	2	TT3	D2			24B
03752		XA348	47		XA348	29		16B	9			AM71DA	04	AC112A	01	2	TT3	D3			24B
01127		XA348	48		XA348	42		16B	9			AC080D	03	AC111A	01	1	TT3	D2			21A
02388		XA348	49		XA333	77		16B	9			AD11B1	01	AC112A	01	3	TT3	D3			25B
01523		XA348	50		XA346	77		16B	9			AC104A	01	AC104A	00	1	TT3	D1			22A
01541		XA348	51		XA345	04		16B	9			AC112A	01	AC112A	00	1	TT3	D3			26B
01533		XA348	52		XA348	65		16B	9			AC118Q	01	AC104A	01	3	TT3	D1			AC LEFT SHIFT 11
03515		XA348	53		XA348	54		16B	9			AM21D0	02	AC114A	01	3	TT3	E2			ADDER TO AC REG.
03516		XA348	54		XA344	47		16B	9			AM21D0	03	AC104A	01	2	TT3	D1			23A
																					27B
																					24A
																					28B
																					25A

CONNECTOR (XA348) CONTINUED ON THE NEXT PAGE ****

DRAWING NUMBER 149012-880 CONNECTOR UNIT ASSEMBLY NAME CARD CAGE ASSY,CPU L.H.

UNIT ASSEMBLY NO. 149012 FILE IDENT T39B2CP1

REV E INDEX XA348 DATE 09-03-82 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	PREFIX	CONNECTOR	PIN	MULTI GROUP	CODE	COLOR	IDENT											
01545		XA348	55		XA345	13			16B	9		AC114A	01	AC114A	00	1	TT3	E2	29B	AC LEFT SHIFT 12	
03393		XA348	56		XA344	45			16B	9		AM03D0	03	AC104A	01	1	TT3	D1	26A		
01126		XA348	57		XA348	48			16B	9		ACDBD0	02	AC121A	01	1	TT3	E3	30B		
07639		XA348	58									GND		GROUND			TT3		40B		
03592		XA348	59		XA348	41			16B	9		AM51DA	02	AC121A	01	2	TT3	E3	31B		
01551		XA348	60		XA344	13			16B	9		AC128Q	01	AC114A	01	2	TT3	E2	28A		
07642		XA348	61		XA150	49			16B	9		DB12A0	02	AC121A	01	3	TT3	E3	32B		
03392		XA348	62		XA348	56			16B	9		AM03D0	02	AC114A	01	1	TT3	E2	29A		
01557		XA348	63		XA345	14			16B	9		AC121A	01	AC121A	00	1	TT3	E3	33B	BUS TO AC REG. -	
01543		XA348	64		XA345	06			16B	9		AC113A	01	AC113A	00	1	TT3	E1	30A	AC RT. SHIFT 10 T	
01534		XA348	65		XA334	77			16B	9		AC118Q	02	AC123A	01	3	TT3	F2	34B		
01513		XA348	66		XA348	25			16B	9		AC108Q	02	AC113A	01	3	TT3	E1	31A		
11408		XA348	67									GND	01	GROUND			TT3				
03632		XA348	68		XA344	41			16B	9		AM53DA	02	AC113A	01	2	TT3	E1	32A		
03391		XA348	69		XA348	62			16B	9		AM03D0	01	AC124A	01	1	TT3	F3	35A		
03348		XA348	70		XA344	46			16B	9		AM01D0	02	AC113A	01	1	TT3	E1	33A		
03631		XA348	71		XA348	68			16B	9		AM53DA	01	AC123A	01	1	TT3	F2	36A		
03347		XA348	72		XA348	70			16B	9		AM01D0	01	AC123A	01	2	TT3	F2	34A		
01559		XA348	73		XA345	20			16B	9		AC122A	01	AC122A	00	1	TT3	F1	36B	ADDER TO AC REG.	
01561		XA348	74		XA345	18			16B	9		AC123A	01	AC123A	00	1	TT3	F2	35B	AC RT. SHIFT 11 T	
00978		XA348	75		XA344	56			16B	9		ACADD0	02	AC122A	01	3	TT3	F1	37B		
03514		XA348	76		XA348	53			16B	9		AM21D0	01	AC124A	01	2	TT3	F3	37A		
03750		XA348	77		XA344	54			16B	9		AM71DA	02	AC122A	01	2	TT3	F1	38B		
01569		XA348	78		XA344	38			16B	9		AC138Q	01	AC124A	01	3	TT3	F3	38A		
02418		XA348	79		XA150	70			16B	9		AD1284	04	AC122A	01	1	TT3	F1	39B		
01563		XA348	80		XA345	22			16B	9		AC124A	01	AC124A	00	1	TT3	F3	39A	AC LEFT SHIFT 13	
00975		XA349	01		XA246	63			16B	9		ACADCO	09	AC042A	01	2	TT3	A2	02B		
11409		XA349	02									GND	01	GROUND			TT3		01B		
02214		XA349	03		XA151	49			16B	9		AD04B4	01	AC042A	01	3	TT3	A2	02A		
01379		XA349	04		XA347	73			16B	9		AC041A	01	AC041A	00	1	TT3	A1	04A	BUS TO AC REG. -	
03746		XA349	05		XA243	75			16B	9		AM71CA	09	AC042A	01	1	TT3	A2	03B		
07382		XA349	06		XA151	43			16B	9		DB04A0	02	AC041A	01	3	TT3	A1	05A		
01381		XA349	07		XA347	78			16B	9		AC042A	01	AC042A	00	1	TT3	A2	03A	ADDER TO AC REG.	
01122		XA349	08		XA247	80			16B	9		AC03C0	08	AC041A	01	2	TT3	A1	06A		
01356		XA349	09		XA238	37			16B	9		AC03BQ	02	AC043A	01	1	TT3	A3	04B		
03588		XA349	10		XA245	77			16B	9		AM51CA	09	AC041A	01	1	TT3	A1	07A		
03627		XA349	11		XA350	03			16B	9		AM53CA	07	AC043A	01	2	TT3	A3	05B		
00532		XA349	12									+5V	01				TT3				
03343		XA349	13		XA350	01			16B	9		AM01C0	07	AC043A	01	3	TT3	A3	06B		
01121		XA349	14		XA349	08			16B	9		ACDBCO	07	AC051A	01	2	TT3	B2	09A		
01383		XA349	15		XA347	75			16B	9		AC043A	01	AC043A	00	1	TT3	A3	07E	AC RT. SHIFT 03 T	
11410		XA349	16									GND	01	GROUND			TT3		21B		
03587		XA349	17		XA349	10			16B	9		AM51CA	08	AC051A	01	3	TT3	B2	08B		
07412		XA349	18		XA151	64			16B	9		DB05A0	02	AC051A	01	1	TT3	B2	10A		
01398		XA349	19		XA346	01			16B	9		AC051A	01	AC051A	00	1	TT3	B2	09B	BUS TO AC REG. -	
01385		XA349	20		XA347	77			16B	9		AC044A	01	AC044A	00	1	TT3	B1	11A	AC LEFT SHIFT 05	
00973		XA349	21		XA350	08			16B	9		ACADCO	07	AC052A	01	1	TT3	B3	10B		
01394		XA349	22		XA238	49			16B	9		AC05BQ	02	AC044A	01	3	TT3	B1	12A		
CONNECTOR (XA349) CONTINUED ON THE NEXT PAGE ****																					

DRAWING NUMBER 149012-880 CONNECTOR UNIT ASSEMBLY NAME CARD CAGE ASSY,CPU L.H. UNIT ASSEMBLY NO. 149012 FILE IDENT T39B2CP1 REV E INDEX XA3 DATE 09-03-82 PAGE 2

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	GROUP	CODE											COLOR
01545		XA348	55		XA345	13			16B	9		AC114A	01	AC114A	00	1	TT3	E2	29B	AC LEFT SHIFT 12	
03393		XA348	56		XA344	45			16B	9		AM03D0	03	AC104A	01	1	TT3	D1	26A		
01126		XA348	57		XA348	48			16B	9		ACDBD0	02	AC121A	01	1	TT3	E3	30B		
07639		XA348	58									GND		GROUND			TT3		40B		
03592		XA348	59		XA348	41			16B	9		AM51DA	02	AC121A	01	2	TT3	E3	31B		
01551		XA348	60		XA344	13			16B	9		AC128Q	01	AC114A	01	2	TT3	E2	28A		
07642		XA348	61		XA150	49			16B	9		DB12A0	02	AC121A	01	3	TT3	E3	32B		
03392		XA348	62		XA348	56			16B	9		AM03D0	02	AC114A	01	1	TT3	E2	29A		
01557		XA348	63		XA345	14			16B	9		AC121A	01	AC121A	00	1	TT3	E3	33B	BUS TO AC REG. -	
01543		XA348	64		XA345	06			16B	9		AC113A	01	AC113A	00	1	TT3	E1	30A	AC RT. SHIFT 10 T	
01534		XA348	65		XA334	77			16B	9		AC118Q	02	AC123A	01	3	TT3	F2	34B		
01513		XA348	66		XA348	25			16B	9		AC108Q	02	AC113A	01	3	TT3	E1	31A		
11408		XA348	67									GND	01	GROUND			TT3				
03632		XA348	68		XA344	41			16B	9		AM53DA	02	AC113A	01	2	TT3	E1	32A		
03391		XA348	69		XA348	62			16B	9		AM03D0	01	AC124A	01	1	TT3	F3	35A		
03348		XA348	70		XA344	46			16B	9		AM0100	02	AC113A	01	1	TT3	E1	33A		
03631		XA348	71		XA348	68			16B	9		AM53DA	01	AC123A	01	1	TT3	F2	36A		
03347		XA348	72		XA348	70			16B	9		AM0100	01	AC123A	01	2	TT3	F2	34A		
01559		XA348	73		XA345	20			16B	9		AC122A	01	AC122A	00	1	TT3	F1	36B	ADDER TO AC REG.	
01561		XA348	74		XA345	18			16B	9		AC123A	01	AC123A	00	1	TT3	F2	35B	AC RT. SHIFT 11 T	
00978		XA348	75		XA344	56			16B	9		ACADD0	02	AC122A	01	3	TT3	F1	37B		
03514		XA348	76		XA348	53			16B	9		AM2100	01	AC124A	01	2	TT3	F3	37A		
03750		XA348	77		XA344	54			16B	9		AM71DA	02	AC122A	01	2	TT3	F1	38B		
01569		XA348	78		XA344	38			16B	9		AC138Q	01	AC124A	01	3	TT3	F3	38A		
02418		XA348	79		XA150	70			16B	9		AD12B4	04	AC122A	01	1	TT3	F1	39B		
01563		XA348	80		XA345	22			16B	9		AC124A	01	AC124A	00	1	TT3	F3	39A	AC LEFT SHIFT 13	
00975		XA349	01		XA246	63			16B	9		ACADC0	09	AC042A	01	2	TT3	A2	02B		
11409		XA349	02									GND	01	GROUND			TT3		01B		
02214		XA349	03		XA151	49			16B	9		AD0484	01	AC042A	01	3	TT3	A2	02A		
01379		XA349	04		XA347	73			16B	9		AC041A	01	AC041A	00	1	TT3	A1	04A	BUS TO AC REG. -	
03746		XA349	05		XA243	75			16B	9		AM71CA	09	AC042A	01	1	TT3	A2	03B		
07382		XA349	06		XA151	43			16B	9		DB04A0	02	AC041A	01	3	TT3	A1	05A		
01381		XA349	07		XA347	78			16B	9		AC042A	01	AC042A	00	1	TT3	A2	03A	ADDER TO AC REG.	
01122		XA349	08		XA247	80			16B	9		AC03C0	08	AC041A	01	2	TT3	A1	06A		
01356		XA349	09		XA238	37			16B	9		AC03BQ	02	AC043A	01	1	TT3	A3	04B		
03588		XA349	10		XA245	77			16B	9		AM51CA	09	AC041A	01	1	TT3	A1	07A		
03627		XA349	11		XA350	03			16B	9		AM53CA	07	AC043A	01	2	TT3	A3	05B		
00532		XA349	12									+5V	01				TT3				
03343		XA349	13		XA350	01			16B	9		AM01C0	07	AC043A	01	3	TT3	A3	06B		
01121		XA349	14		XA349	08			16B	9		AC03C0	07	AC051A	01	2	TT3	B2	09A		
01383		XA349	15		XA347	75			16B	9		AC043A	01	AC043A	00	1	TT3	A3	07B	AC RT. SHIFT 03 T	
11410		XA349	16									GND	01	GROUND			TT3		21B		
03587		XA349	17		XA349	10			16B	9		AM51CA	08	AC051A	01	3	TT3	B2	08B		
07412		XA349	18		XA151	64			16B	9		DB05A0	02	AC051A	01	1	TT3	B2	10A		
01398		XA349	19		XA346	01			16B	9		AC051A	01	AC051A	00	1	TT3	B2	09B	BUS TO AC REG. -	
01385		XA349	20		XA347	77			16B	9		AC044A	01	AC044A	00	1	TT3	B1	11A	AC LEFT SHIFT 05	
00973		XA349	21		XA350	08			16B	9		ACADC0	07	AC052A	01	1	TT3	B3	10B		
01394		XA349	22		XA238	49			16B	9		AC05BQ	02	AC044A	01	3	TT3	B1	12A		
CONNECTOR XA349 CONTINUED ON THE NEXT PAGE ****																					

DRAWING NUMBER 149012-880 CONNECTOR UNIT ASSEMBLY NAME CARD CAGE ASSY,CPU L.H. UNIT ASSEMBLY NO. 149012 REV E INDEX XA349 FILE IDENT T39B2CP1 DATE 09-03-82 PAGE 263

RECORD NUMBER	FROM				TO				WIRE			SIGNAL	SIG. 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										
03744		XA349	23		XA350	06			168	9		AM71CA	07	AC052A	01	2	TT3	B3	11B		
03510		XA349	24		XA350	09			168	9		AM21C0	07	AC044A	01	2	TT3	B1	13A		
02236		XA349	25		XA151	55			168	9		AD05B4	01	AC052A	01	3	TT3	B3	12B		
03386		XA349	26		XA350	11			168	9		AM03C0	07	AC044A	01	1	TT3	B1	14A		
01400		XA349	27		XA346	06			168	9		AC052A	01	AC052A	00	1	TT3	B3	13B	ADDER TO AC REG.	
00533		XA349	28									+5V	01				TT3				
03509		XA349	29		XA349	24			168	9		AM21C0	06	AC054A	01	3	TT3	C2	14B		
01412		XA349	30		XA238	43			168	9		AC06BQ	03	AC054A	01	2	TT3	C2	15A		
01404		XA349	31		XA346	05			168	9		AC054A	01	AC054A	00	1	TT3	C2	15B	AC LEFT SHIFT 06	
11411		XA349	32									GND	01	GROUND			TT3		27A		
01119		XA349	33		XA350	17			168	9		AC05C0	05	AC061A	01	1	TT3	C3	16B		
03385		XA349	34		XA349	26			168	9		AM03C0	06	AC054A	01	1	TT3	C2	16A		
03584		XA349	35		XA350	22			168	9		AM51CA	05	AC061A	01	2	TT3	C3	17B		
01402		XA349	36		XA346	13			168	9		AC053A	01	AC053A	00	1	TT3	C1	17A	AC RT. SHIFT 04 T	
07444		XA349	37		XA151	79			168	9		DB06A0	02	AC061A	01	3	TT3	C3	18B		
01374		XA349	38		XA238	31			168	9		AC04BQ	02	AC053A	01	3	TT3	C1	18A		
01415		XA349	39		XA346	24			168	9		AC061A	01	AC061A	00	1	TT3	C3	19B	BUS TO AC REG. -	
03625		XA349	40		XA350	35			168	9		AM53CA	05	AC053A	01	2	TT3	C1	19A		
03624		XA349	41		XA349	40			168	9		AM53CA	04	AC063A	01	3	TT3	D2	22B		
03341		XA349	42		XA350	33			168	9		AM01C0	05	AC053A	01	1	TT3	C1	20A		
01419		XA349	43		XA346	20			168	9		AC063A	01	AC063A	00	1	TT3	D2	23B	AC RT. SHIFT 05 T	
11412		XA349	44									GND	01	GROUND			TT3		40A		
03384		XA349	45		XA349	34			168	9		AM03C0	05	AC064A	01	1	TT3	D3	24B		
01393		XA349	46		XA349	22			168	9		AC05BQ	01	AC063A	01	2	TT3	D2	21A		
03508		XA349	47		XA349	29			168	9		AM21C0	05	AC064A	01	2	TT3	D3	25B		
03340		XA349	48		XA349	42			168	9		AM01C0	04	AC063A	01	1	TT3	D2	22A		
01427		XA349	49		XA348	06			168	9		AC07BQ	01	AC064A	01	3	TT3	D3	26B		
01417		XA349	50		XA346	22			168	9		AC062A	01	AC062A	00	1	TT3	D1	23A	ADDER TO AC REG.	
01421		XA349	51		XA346	25			168	9		AC064A	01	AC064A	00	1	TT3	D3	27B	AC LEFT SHIFT 07	
02256		XA349	52		XA323	62			168	9		AD06B4	01	AC062A	01	3	TT3	D1	24A		
03739		XA349	53		XA349	54			168	9		AM71CA	02	AC072A	01	3	TT3	E2	28B		
03740		XA349	54		XA350	47			168	9		AM71CA	03	AC062A	01	2	TT3	D1	25A		
01435		XA349	55		XA346	38			168	9		AC072A	01	AC072A	00	1	TT3	E2	29B	ADDER TO AC REG.	
00969		XA349	56		XA350	45			168	9		ACADCO	03	AC062A	01	1	TT3	D1	26A		
03339		XA349	57		XA349	48			168	9		AM01C0	03	AC073A	01	1	TT3	E3	30B		
11413		XA349	58									GND	01	GROUND			TT3		40B		
03623		XA349	59		XA349	41			168	9		AM53CA	03	AC073A	01	2	TT3	E3	31B		
00968		XA349	60		XA349	56			168	9		ACADCO	02	AC072A	01	2	TT3	E2	28A		
01411		XA349	61		XA349	30			168	9		AC06BQ	02	AC073A	01	3	TT3	E3	32B		
02280		XA349	62		XA323	70			168	9		AD07B1	01	AC072A	01	1	TT3	E2	29A		
01437		XA349	63		XA346	42			168	9		AC073A	01	AC073A	00	1	TT3	E3	33B	AC RT. SHIFT 06 T	
01433		XA349	64		XA346	40			168	9		AC071A	01	AC071A	00	1	TT3	E1	30A	BUS TO AC REG. -	
01125		XA349	65		XA348	57			168	9		AC08B0	01	AC081A	01	3	TT3	F2	34B		
01115		XA349	66		XA350	57			168	9		AC08CO	01	AC071A	01	3	TT3	E1	31A		
11414		XA349	67									GND	01	GROUND			TT3				
03580		XA349	68		XA350	59			168	9		AM51CA	01	AC071A	01	2	TT3	E1	32A		
02309		XA349	69		XA333	76			168	9		AD08B4	01	AC082A	01	1	TT3	F3	35A		
07477		XA349	70		XA337	38			168	9		DB07A0	01	AC071A	01	1	TT3	E1	33A		
07509		XA349	71		XA335	80			168	9		DB06A0	01	AC081A	01	1	TT3	F2	36A		
03591		XA349	72		XA348	59			168	9		AM51DA	01	AC081A	01	2	TT3	F2	34A		
CONNECTOR (XA345) CONTINUED ON THE NEXT PAGE ****																					

DRAWING NUMBER 149012-880 CONNECTOR UNIT ASSEMBLY NO. 149012 REV E INDEX XA349
 UNIT ASSEMBLY NAME CARD CAGE ASSY,CPU L.H. FILE IDENT T39B2CP1 DATE 09-03-82 PAGE 264

RECORD NUMBER	FROM				TO				WIRE				SIGNAL	SEQ NO	EQUATION	TERM	FACTOR	CKT OR CHIP TYPE	PROP	LOAD OR POWER PLANE	TEST POINTS	SIGNAL DESCRIPTION	ECO NO
	PREFIX	CONNECTOR	PIN	SR FC	PREFIX	CONNECTOR	PIN	SR FC	MULTI GROUP	CODE	COLOR	IDENT											
01439		XA349	73		XA346	37			16B	9			AC074A	01	AC074A	03	1	TT3	F1		36B	AC LEFT SHIFT 08	
01481		XA349	74		XA346	50			16B	9			AC081A	01	AC081A	03	1	TT3	F2		35B	BUS TO AC REG. -	
03380		XA349	75		XA350	69			16B	9			AM03C0	01	AC074A	01	3	TT3	F1		37B		
03749		XA349	76		XA348	77			16B	9			AM71DA	01	AC082A	01	2	TT3	F3		37A		
03504		XA349	77		XA350	76			16B	9			AM21C0	01	AC074A	01	2	TT3	F1		38B		
00977		XA349	78		XA348	75			16B	9			ACADD0	01	AC082A	01	3	TT3	F3		38A		
01476		XA349	79		XA348	14			16B	9			AC08B0	02	AC074A	01	1	TT3	F1		39B		
01483		XA349	80		XA346	54			16B	9			AC082A	01	AC082A	03	1	TT3	F3		39A	ADDER TO AC REG.	
03344		XA350	01		XA244	66			16B	9			AM01C0	08	ACSE3A	01	2	TT3	A2		02B		
11415		XA350	02										GND	01	GROUND						01B		
03628		XA350	03		XA243	22			16B	9			AM53CA	08	ACSE3A	01	3	TT3	A2		02A		
01228		XA350	04		XA347	06			16B	9			ACSE2A	01	ACSE2A	00	1	TT3	A1		04A	ADDER TO AC REG.	
01218		XA350	05		XA238	13			16B	9			ACSEBQ	01	ACSE3A	01	1	TT3	A2		03B		
03745		XA350	06		XA349	05			16B	9			AM71CA	08	ACSE2A	01	3	TT3	A1		05A		
01230		XA350	07		XA347	04			16B	9			ACSE3A	01	ACSE3A	00	1	TT3	A2		03A	ACSE RT. SHIFT RE	
00974		XA350	08		XA349	01			16B	9			ACADCO	08	ACSE2A	01	2	TT3	A1		06A		
03511		XA350	09		XA245	73			16B	9			AM21C0	08	ACSE4A	01	1	TT3	A3		04B		
02021		XA350	10		XA151	04			16B	9			ADSEB4	04	ACSE2A	01	1	TT3	A1		07A		
03387		XA350	11		XA245	72			16B	9			AM03C0	08	ACSE4A	01	2	TT3	A3		05B		
00534		XA350	12										+5V	01									
01294		XA350	13		XA244	27			16B	9			AC00C0	02	ACSE4A	01	3	TT3	A3		06B		
07263		XA350	14		XA151	07			16B	9			DB00A0	04	AC001A	01	2	TT3	B2		09A		
01232		XA350	15		XA347	13			16B	9			ACSE4A	01	ACSE4A	00	1	TT3	A3		07B	AC LEFT SHIFT 00	
07258		XA350	16										GND	01	GROUND						21B		
01120		XA350	17		XA349	14			16B	9			ACDBC0	06	AC001A	01	3	TT3	B2		08B		
03586		XA350	18		XA349	17			16B	9			AM51CA	07	AC001A	01	1	TT3	B2		10A		
01298		XA350	19		XA347	20			16B	9			AC001A	01	AC001A	00	1	TT3	B2		09B	BUS TO AC REG. -	
01234		XA350	20		XA347	08			16B	9			ACSE5A	01	ACSE5A	00	1	TT3	B1		11A	AD/AC SIGNS NOT E	
02089		XA350	21		XA323	76			16B	9			AD00B1	01	AC002A	01	1	TT3	B3		10B		
03585		XA350	22		XA350	18			16B	9			AM51CA	06	ACSE5A	01	3	TT3	B1		12A		
03743		XA350	23		XA349	23			16B	9			AM71CA	06	AC002A	01	2	TT3	B3		11B		
01224		XA350	24		XA244	14			16B	9			ACSECO	01	ACSE5A	01	2	TT3	B1		13A		
00972		XA350	25		XA349	21			16B	9			ACADCO	06	AC002A	01	3	TT3	B3		12B		
01178		XA350	26		XA245	70			16B	9			ACDQC0	01	ACSE5A	01	1	TT3	B1		14A		
01300		XA350	27		XA347	26			16B	9			AC002A	01	AC002A	00	1	TT3	B3		13B	ADDER TO AC REG.	
00535		XA350	28										+5V	01									
00971		XA350	29		XA350	25			16B	9			ACADCO	05	AC012A	01	3	TT3	C2		14B		
02129		XA350	30		XA323	74			16B	9			AD01B4	01	AC012A	01	2	TT3	C2		15A		
01324		XA350	31		XA347	34			16B	9			AC012A	01	AC012A	00	1	TT3	C2		15B	ADDER TO AC REG.	
07291		XA350	32										GND	01	GROUND						27A		
03342		XA350	33		XA349	13			16B	9			AM01C0	06	AC013A	01	1	TT3	C3		16B		
03742		XA350	34		XA350	23			16B	9			AM71CA	05	AC012A	01	1	TT3	C2		16A		
03626		XA350	35		XA349	11			16B	9			AM53CA	06	AC013A	01	2	TT3	C3		17B		
01322		XA350	36		XA347	36			16B	9			AC011A	01	AC011A	00	1	TT3	C1		17A	BUS TO AC REG. -	
01293		XA350	37		XA350	13			16B	9			AC00C0	01	AC013A	01	3	TT3	C3		18B		
07294		XA350	38		XA151	20			16B	9			DB01A0	02	AC011A	01	3	TT3	C1		18A		
01326		XA350	39		XA347	30			16B	9			AC013A	01	AC013A	00	1	TT3	C3		19B	AC RT. SHIFT 00 T	
03583		XA350	40		XA349	35			16B	9			AM51CA	04	AC011A	01	2	TT3	C1		19A		
CONNECTOR (XA350) CONTINUED ON THE NEXT PAGE ****																							

DRAWING NUMBER 149012-880 CONNECTOR UNIT ASSEMBLY NO. 149012 REV E INDEX XA350
 UNIT ASSEMBLY NAME CARD CAGE ASSY,CPU L.H. FILE IDENT T39B2CP1 DATE 09-03-82 PAGE 265

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	COLOR	IDENT	WIRE GAUGE										
03582		XA350	41		XA350	40		16B	9		AM51CA	03	AC021A	01	3	TT3	D2	22B		
01118		XA350	42		XA349	33		16B	9		ACDBCO	04	AC011A	01	1	TT3	C1	20A		
01343		XA350	43		XA347	46		16B	9		AC021A	01	AC021A	00	1	TT3	D2	23B	BUS TO AC REG. -	
07321		XA350	44								GND	01	GROUND			TT3		40A		
00970		XA350	45		XA350	29		16B	9		ACADCO	04	AC022A	01	1	TT3	D3	24B		
07324		XA350	46		XA151	42		16B	9		DB02A0	02	AC021A	01	2	TT3	D2	21A		
03741		XA350	47		XA350	34		16B	9		AM71CA	04	AC022A	01	2	TT3	D3	25B		
01117		XA350	48		XA350	42		16B	9		ACDBCO	03	AC021A	01	1	TT3	D2	22A		
02166		XA350	49		XA323	71		16B	9		AD02B4	01	AC022A	01	3	TT3	D3	26B		
01328		XA350	50		XA347	40		16B	9		AC014A	01	AC014A	00	1	TT3	D1	23A	AC LEFT SHIFT 02	
01345		XA350	51		XA347	48		16B	9		AC022A	01	AC022A	00	1	TT3	D3	27B	ADDER TO AC REG.	
01337		XA350	52		XA238	19		16B	9		AC02BQ	02	AC014A	01	3	TT3	D1	24A		
03506		XA350	53		XA350	54		16B	9		AM21CO	03	AC024A	01	3	TT3	E2	28B		
03507		XA350	54		XA349	47		16B	9		AM21CO	04	AC014A	01	2	TT3	D1	25A		
01349		XA350	55		XA347	50		16B	9		AC024A	01	AC024A	00	1	TT3	E2	29B	AC LEFT SHIFT 03	
03383		XA350	56		XA349	45		16B	9		AM03CO	04	AC014A	01	1	TT3	D1	26A		
01116		XA350	57		XA350	48		16B	9		ACDBCO	02	AC031A	01	1	TT3	E3	30B		
11416		XA350	58								GND	01	GROUND			TT3		40B		
03581		XA350	59		XA350	41		16B	9		AM51CA	02	AC031A	01	2	TT3	E3	31B		
01355		XA350	60		XA349	09		16B	9		AC03BQ	01	AC024A	01	2	TT3	E2	28A		
07353		XA350	61		XA337	52		16B	9		DB03A0	01	AC031A	01	3	TT3	E3	32B		
03382		XA350	62		XA350	56		16B	9		AM03CO	03	AC024A	01	1	TT3	E2	29A		
01361		XA350	63		XA347	62		16B	9		AC031A	01	AC031A	00	1	TT3	E3	33B	BUS TO AC REG. -	
01347		XA350	64		XA347	52		16B	9		AC023A	01	AC023A	00	1	TT3	E1	30A	AC RT. SHIFT 01 T	
03337		XA350	65		XA350	70		16B	9		AM01CO	01	AC033A	01	3	TT3	F2	34B		
01315		XA350	66		XA238	25		16B	9		AC01BQ	02	AC023A	01	3	TT3	E1	31A		
11417		XA350	67								GND	01	GROUND			TT3				
03622		XA350	68		XA349	59		16B	9		AM53CA	02	AC023A	01	2	TT3	E1	32A		
03381		XA350	69		XA350	62		16B	9		AM03CO	02	AC034A	01	1	TT3	F3	35A		
03336		XA350	70		XA349	57		16B	9		AM01CO	02	AC023A	01	1	TT3	E1	33A		
03621		XA350	71		XA350	68		16B	9		AM53CA	01	AC033A	01	1	TT3	F2	36A		
01356		XA350	72		XA350	52		16B	9		AC02BQ	01	AC033A	01	2	TT3	F2	34A		
01363		XA350	73		XA347	66		16B	9		AC032A	01	AC032A	00	1	TT3	F1	36B	ADDER TO AC REG.	
01365		XA350	74		XA347	64		16B	9		AC033A	01	AC033A	00	1	TT3	F2	35B	AC RT. SHIFT 02 T	
00967		XA350	75		XA349	60		16B	9		ACADCO	01	AC032A	01	3	TT3	F1	37B		
03505		XA350	76		XA350	53		16B	9		AM21CO	02	AC034A	01	2	TT3	F3	37A		
03738		XA350	77		XA349	53		16B	9		AM71CA	01	AC032A	01	2	TT3	F1	38B		
01373		XA350	78		XA349	38		16B	9		AC04BQ	01	AC034A	01	3	TT3	F3	38A		
02190		XA350	79		XA323	77		16B	9		AD03B1	01	AC032A	01	1	TT3	F1	39B		
01367		XA350	80		XA347	61		16B	9		AC034A	01	AC034A	00	1	TT3	F3	39A	AC LEFT SHIFT 04	
19818		XA351	01								SPP	01								
11418		XA351	02								GND	01	GROUND							
19819		XA351	03								SPP	01								
19820		XA351	04								SPP	01								
19821		XA351	05								SPP	01								
19822		XA351	06								SPP	01								
19823		XA351	07								SPP	01								
19824		XA351	08								SPP	01								
CONNECTOR		XA351	CONTINUED ON THE NEXT PAGE ****																	

DRAWING NUMBER 149012-880 CONNECTOR UNIT ASSEMBLY NO. 149012 REV E INDEX XA351
 UNIT ASSEMBLY NAME CARD CAGE ASSY,CPU L.H. FILE IDENT T39B2CP1 DATE 09-03-82 PAGE 266

RECORD NUMBER	FROM				TO				WIRE				SIGNAL	SEQ NO	EQUATION	TERM	FACTOR	CKT OR CHIP TYPE	OHM*	LOAD OR POWER PLANE	TEST POINTS AND/OR	SIGNAL DESCRIPTION	ECO NO
	PREFIX	CONNECTOR	PIN	SIN TO	PREFIX	CONNECTOR	PIN	SIN TO	MULTI GROUP	CODE	COLOR	IDENT											
19825		XA351	09										SPP	01									
19826		XA351	10										SPP	01									
19827		XA351	11										SPP	01									
00536		XA351	12										+5V	01									
19828		XA351	13										SPP	01									
19829		XA351	14										SPP	01									
19830		XA351	15										SPP	01									
11419		XA351	16										GND	01	GROUND								
19831		XA351	17										SPP	01									
19832		XA351	18										SPP	01									
19833		XA351	19										SPP	01									
19834		XA351	20										SPP	01									
19835		XA351	21										SPP	01									
19836		XA351	22										SPP	01									
19837		XA351	23										SPP	01									
19838		XA351	24										SPP	01									
19839		XA351	25										SPP	01									
19840		XA351	26										SPP	01									
19841		XA351	27										SPP	01									
00537		XA351	28										+5V	01									
19842		XA351	29										SPP	01									
19843		XA351	30										SPP	01									
19844		XA351	31										SPP	01									
11420		XA351	32										GND	01	GROUND								
19845		XA351	33										SPP	01									
19846		XA351	34										SPP	01									
19847		XA351	35										SPP	01									
19848		XA351	36										SPP	01									
19849		XA351	37										SPP	01									
19850		XA351	38										SPP	01									
19851		XA351	39										SPP	01									
19852		XA351	40										SPP	01									
19853		XA351	41										SPP	01									
19854		XA351	42										SPP	01									
19855		XA351	43										SPP	01									
11421		XA351	44										GND	01	GROUND								
19856		XA351	45										SPP	01									
19857		XA351	46										SPP	01									
19858		XA351	47										SPP	01									
19859		XA351	48										SPP	01									
19860		XA351	49										SPP	01									
19861		XA351	50										SPP	01									
19862		XA351	51										SPP	01									
19863		XA351	52										SPP	01									
19864		XA351	53										SPP	01									
19865		XA351	54										SPP	01									
19866		XA351	55										SPP	01									
19867		XA351	56										SPP	01									
19868		XA351	57										SPP	01									
11422		XA351	58										GND	01	GROUND								
CONNECTOR	XA351	CONTINUED ON THE NEXT PAGE ****																					

DRAWING NUMBER 149012-880 CONNECTOR UNIT ASSEMBLY NO. 149012 REV E INDEX XA351
 UNIT ASSEMBLY NAME CARD CAGE ASSY,CPU L.H. FILE IDENT T39B2CP1 DATE 09-03-82 PAGE 267

RECORD NUMBER	FROM			TO			WIRE				SIGNAL	SEQ NO	EQUATION	TERM	FACTOR	CAT 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	COLL											
19869		XA351	55									SPP	01								
19870		XA351	60									SPP	01								
19871		XA351	61									SPP	01								
19872		XA351	62									SPP	01								
19873		XA351	63									SPP	01								
19874		XA351	64									SPP	01								
19875		XA351	65									SPP	01								
19876		XA351	66									SPP	01								
19877		XA351	67									GND	01	GROUND							
19878		XA351	68									SPP	01								
19879		XA351	69									SPP	01								
19880		XA351	70									SPP	01								
19881		XA351	71									SPP	01								
19882		XA351	72									SPP	01								
19883		XA351	73									SPP	01								
19884		XA351	74									SPP	01								
19885		XA351	75									SPP	01								
19886		XA351	76									SPP	01								
19887		XA351	77									SPP	01								
19888		XA351	78									SPP	01								
19889		XA351	79									SPP	01								
19890		XA351	80									SPP	01								
22215		XA401	01		XA316	23			16B	9		AY00BP	01							TO BAY 2	
22216		XA401	02									GND									
22217		XA401	03		XA315	25			16B	9		AY00BQ	01								
22218		XA401	04									GND									
22219		XA401	05		XA318	25			16B	9		AY16BP	01								
22220		XA401	06									GND									
22221		XA401	07		XA317	25			16B	9		AY16BQ	01								
22222		XA401	08									GND									
22223		XA401	09		XA317	19			16B	9		AY17BQ	01								
22224		XA401	10		XA402	10			16B	9		GND028									
22225		XA401	11		XA318	18			16B	9		AY18BP	01								
22226		XA401	12									GND									
22227		XA401	13		XA318	03			16B	9		AY21BP	01								
22228		XA401	14									GND									
22229		XA401	15		XA318	05			16B	9		AY22BP	01								
22230		XA401	16									GND									
22231		XA401	17		XA317	04			16B	9		AY22BQ	01								
22232		XA401	18									GND									
22233		XA401	19		XA316	42			16B	9		AYSEBP	01								
22234		XA401	20									GND									
22235		XA401	21		XA212	30			16B	9		AYSEBQ	01								
22236		XA401	22									GND									
22237		XA401	23		XA410	68			16B	9		JMTSCB	01								
22238		XA401	24									GND									
22239		XA401	25		XA324	25			16B	9		MDI6BQ	01								
22240		XA401	26									GND									
CONNECTOR (XA401) CONTINUED ON THE NEXT PAGE ****																					

DRAWING NUMBER 149012-880 CONNECTOR UNIT ASSEMBLY NO. 149012 REV E INDEX XA401
 UNIT ASSEMBLY NAME CARD CAGE ASSY,CPU L.H. FILE IDENT T39B2CP1 DATE 09-03-82 PAGE 268

RECORD NUMBER	FROM				TO				WIRE				SIGNAL	SEQ NO	EQUATION	TERM	FACTOR	CKT OP CHIP TYPE	LOAD CP POWER PLANE	POST POINTS (AND/OR)	SIGNAL DESCRIPTION	ECO NO
	PREFIX	CONNECTOR	PIN	SH 12	PREFIX	CONNECTOR	PIN	SH 12	MULTI GROUP	CODE	COLOR	IDENT										
22241		XA401	27			XA324	19			16B	9		MD178Q	01				EXT				
22242		XA401	28										GND					EXT				
22243		XA401	29			XA324	20			16B	9		MD188Q	01				EXT				
22244		XA401	30										GND					EXT				
22245		XA401	31			XA324	26			16B	9		MD198Q	01				EXT				
22246		XA401	32										GND					EXT				
22247		XA401	33			XA324	13			16B	9		MD208Q	01				EXT				
22248		XA401	34										GND					EXT				
22249		XA401	35			XA324	07			16B	9		MD218Q	01				EXT				
22250		XA401	36										GND					EXT				
22251		XA401	37			XA324	04			16B	9		MD228Q	01				EXT				
22252		XA401	38										GND					EXT				
22253		XA401	39			XA324	10			16B	9		MD238Q	01				EXT				
22254		XA401	40										GND					EXT				A01
22255		XA401	41			XA323	25			16B	9		MD248Q	01				EXT				
22256		XA401	42										GND					EXT				A01
22257		XA401	43			XA323	19			16B	9		MD258Q	01				EXT				
22258		XA401	44										GND					EXT				A01
22259		XA401	45			XA323	20			16B	9		MD268Q	00				EXT				
22260		XA401	46										GND					EXT				
22261		XA401	47			XA323	26			16B	9		MD278Q	01				EXT				
22262		XA401	48										GND					EXT				
22263		XA401	49			XA323	13			16B	9		MD288Q	01				EXT				
22264		XA401	50										GND					EXT				
22265		XA401	51			XA323	07			16B	9		MD298Q	01				EXT				
22266		XA401	52										GND					EXT				
22267		XA401	53			XA323	04			16B	9		MD308Q	01				EXT				
22268		XA401	54										GND					EXT				
22269		XA401	55			XA323	10			16B	9		MD318Q	01				EXT				
22270		XA401	56										GND					EXT				
22271		XA401	57			XA507	34			16B	9		JMTSC0	005				EXT				
22272		XA401	58										GND					EXT				
22273		XA401	59										SPP	01				EXT				
22855		XA401	60										GND					EXT				
22469		XA401	61			XA404	61			16B	9		UCMM0B	01				EXT				
22856		XA401	62										GND					EXT				
22471		XA401	63			XA404	62			16B	9		UCMM1B	01				EXT				
22857		XA401	64										GND					EXT				
22473		XA401	65			XA404	63			16B	9		UCMM2B	01				EXT				
22858		XA401	66										GND					EXT				
22475		XA401	67			XA404	65			16B	9		UCMM5B	01				EXT				
22859		XA401	68										GND					EXT				
22477		XA401	69			XA404	76			16B	9		UCMM7B	01				EXT				
22860		XA401	70										GND					EXT				
22480		XA401	71			XA404	66			16B	9		UCMM8B	01				EXT				
22861		XA401	72										GND					EXT				
22483		XA401	73			XA404	71			16B	9		UCMN0B	01				EXT				
23220		XA401	74			XA401	76			16B	9		GND029	01				EXT				
22485		XA401	75			XA404	72			16B	9		UCMN1B	01				EXT				
23221		XA401	76			XA402	76			16B	9		GND029	02				EXT				
CONNECTOR XA401 CONTINUED ON THE NEXT PAGE ****																						

DRAWING NUMBER 149012-880 CONNECTOR UNIT ASSEMBLY NO. 149012 REV E INDEX XA401
 UNIT ASSEMBLY NAME CARD CAGE ASSY,CPU L.H. FILE IDENT T39B2CP1 DATE 09-03-82 PAGE 269

RECORD NUMBER	FROM				TO				WIRE				SIGNAL	SQ NO	EQUATION	TERM	FACTOR	CKT OR CHIP TYPE	GROUP	LOAD OR POWER PL USE	TEST POINTS AND OR	SIGNAL DESCRIPTION	ECO NO
	PREFIX	CONNECTOR	PIN	WIRE NO	PREFIX	CONNECTOR	PIN	WIRE NO	MULTI GROUP	CODE	COLOR	IDENT											
22487		XA401	77			XA404	73			16B	9		UCMN2B	01				EXT					
22862		XA401	78										GND					EXT					
22491		XA401	79			XA404	75			16B	9		USENDB	01				EXT					
23224		XA401	80							16B	9		GND029	05				EXT					
23430		XA401	80										GND	01				EXT					A01
21868		XA402	01			XA323	49			16B	9		MA00BP	01				EXT				TO BAY 2	
22983		XA402	02										GND	01				EXT					
21869		XA402	03			XA425	03			16B	9		MA00BQ	01				EXT					
22984		XA402	04										GND	01				EXT					
21872		XA402	05			XA323	43			16B	9		MA01BP	01				EXT					
22985		XA402	06										GND	01				EXT					
21873		XA402	07			XA425	13			16B	9		MA01BQ	01				EXT					
22986		XA402	08										GND	01				EXT					
21876		XA402	09			XA323	50			16B	9		MA02BP	01				EXT					
23217		XA402	10			XA402	12			16B	9		GND028	02				EXT					
21877		XA402	11			XA425	17			16B	9		MA02BQ	01				EXT					
23219		XA402	12										GND028	04				EXT					
23431		XA402	12										GND	01				EXT					A01
21880		XA402	13			XA323	56			16B	9		MA03BP	01				EXT					
22987		XA402	14										GND	01				EXT					
21881		XA402	15			XA425	14			16B	9		MA03BQ	01				EXT					
22988		XA402	16										GND	01				EXT					
21884		XA402	17			XA321	26			16B	9		MA01BP	01				EXT					
22989		XA402	18										GND	01				EXT					
21886		XA402	19			XA321	13			16B	9		MA02BP	01				EXT					
22990		XA402	20										GND	01				EXT					
21888		XA402	21			XA515	54			16B	9		MA03BP	01				EXT					
22991		XA402	22										GND	01				EXT					
21890		XA402	23			XA515	70			16B	9		MA04BP	01				EXT					
22992		XA402	24										GND	01				EXT					
21892		XA402	25			XA321	10			16B	9		MA05BP	01				EXT					
22993		XA402	26										GND	01				EXT					
21893		XA402	27			XA419	53			16B	9		MA05BQ	01				EXT					
22994		XA402	28										GND	01				EXT					
21896		XA402	29			XA419	60			16B	9		MA05BP	01				EXT					
22995		XA402	30										GND	01				EXT					
21898		XA402	31			XA419	57			16B	9		MA05BQ	01				EXT					
22996		XA402	32										GND	01				EXT					
21863		XA402	33			XA508	60			16B	9		MACPTA	01				EXT					
22997		XA402	34										GND	01				EXT					
21900		XA402	35			XA419	01			16B	9		MB00C0	01				EXT					
22998		XA402	36										GND	01				EXT					
21902		XA402	37			XA419	09			16B	9		MB01C0	01				EXT					
22999		XA402	38										GND	01				EXT					
21908		XA402	39			XA418	11			16B	9		MD00I0	01				EXT					
23000		XA402	40										GND	01				EXT					
21910		XA402	41			XA418	09			16B	9		MD01I0	01				EXT					
23001		XA402	42										GND	01				EXT					
CONNECTOR (XA402) CONTINUED ON THE NEXT PAGE ****																							

DRAWING NUMBER 149012-880

CONNECTOR

UNIT ASSEMBLY NO. 149012

REV E INDEX XA402

UNIT ASSEMBLY NAME CARD CAGE ASSY,CPU L.H.

FILE IDENT

T39B2CP1

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RECORD NUMBER	FROM				TO				WIRE				SIGNAL	SEQ NO	EQUATION	TERM	FACTOR	CKT OR CHIP TYPE	LOAD OF POWER PLANE	TEST POINTS AND 37	SIGNAL DESCRIPTION	ECC NO
	PREFIX	CONNECTOR	PIN	SH TO	PREFIX	CONNECTOR	PIN	SH TO	MULTI GROUP	CODE	COLOR	IDENT										
21912		XA402	43			XA418	23				16B	9		MD0210	01			EXT				
23002		XA402	44											GND	01			EXT				
21914		XA402	45			XA418	21				16B	9		MD0310	01			EXT				
23003		XA402	46											GND	01			EXT				
21916		XA402	47			XA421	05				16B	9		MD0410	01			EXT				
23004		XA402	48											GND	01			EXT				
21918		XA402	49			XA422	05				16B	9		MD0510	01			EXT				
23005		XA402	50											GND	01			EXT				
21920		XA402	51			XA423	05				16B	9		MD0610	01			EXT			TO BAY 2	
23006		XA402	52											GND	01			EXT				
21922		XA402	53			XA424	05				16B	9		MD0710	01			EXT				
23007		XA402	54											GND	01			EXT				
21924		XA402	55			XA416	04				16B	9		MD0810	01			EXT				
23008		XA402	56											GND	01			EXT				
21926		XA402	57			XA416	07				16B	9		MD0910	01			EXT				
23009		XA402	58											GND	01			EXT				
21928		XA402	59			XA416	15				16B	9		MD1010	01			EXT				
23010		XA402	60											GND	01			EXT				
21930		XA402	61			XA416	20				16B	9		MD1110	01			EXT				
23011		XA402	62											GND	01			EXT				
21932		XA402	63			XA416	19				16B	9		MD1210	01			EXT				
23012		XA402	64											GND	01			EXT				
21934		XA402	65			XA416	27				16B	9		MD1310	01			EXT				
23013		XA402	66											GND	01			EXT				
21936		XA402	67			XA416	36				16B	9		MD1410	01			EXT				
23014		XA402	68											GND	01			EXT				
21938		XA402	69			XA416	31				16B	9		MD1510	01			EXT				
23015		XA402	70											GND	01			EXT				
21536		XA402	71			XA411	38				16B	9		CMCLMA	01			EXT				
23016		XA402	72											GND	01			EXT				
21537		XA402	73								16B	9		CMCLMB	19			EXT				
23223		XA402	74			XA401	80				16B	9		GND029	04			EXT			CLEAR MGP REG-G	
21740		XA402	75			XA312	07				16B	9		DTT0CA	01			EXT				
23222		XA402	76			XA402	74				16B	9		GND029	03			EXT				
22275		XA402	77			XA410	43				16B	9		CCM000	01			EXT				
22276		XA402	78											GND				EXT				
22277		XA402	79			XA410	47				16B	9		CCM00A	01			EXT				
22278		XA402	80											GND				EXT				
22504		XA403	01			XA404	46				16B	9		YI0PDB	01			EXT				
23017		XA403	02											GND	01			EXT				
23351		XA403	02			XA507	05				16B	9		YI0PDG	01			EXT				
22506		XA403	03			XA404	23				16B	9		YI0QDB	01			EXT				
23018		XA403	04											GND	01			EXT				
23353		XA403	04			XA407	05				16B	9		YI00DG	01			EXT				
22508		XA403	05			XA404	25				16B	9		YI01DB	01			EXT				
23019		XA403	06											GND	01			EXT				
23355		XA403	06			XA407	19				16B	9		YI01DG	01			EXT				
22510		XA403	07			XA404	29				16B	9		YI02DB	01			EXT				
CONNECTOR XA403 CONTINUED ON THE NEXT PAGE ****																						

DRAWING NUMBER 149012-880 CONNECTOR UNIT ASSEMBLY NO. 149012 REV E INDEX XA403
 UNIT ASSEMBLY NAME CARD CAGE ASSY, CPU L.H. FILE IDENT T39B2CP1 DATE 09-03-82 PAGE 271

RECORD NUMBER	FROM				TO				WIRE				SIGNAL	SEC NO	EQUATION	TERM	FACTOR	CKT OR CHIP TYPE	LOAD OR POWER PLANS	TEST POINTS AND/OR	SIGNAL DESCRIPTION	ECO NO
	PREFIX	CONNECTOR	PIN	WIRE NO	PREFIX	CONNECTOR	PIN	WIRE NO	MULTI GROUP	CODE	COLOR	IDENT										
23020		XA403	08										GND	01				EXT				
23357		XA403	08			XA407	16			16B	9		YI02DG	01				EXT				
22512		XA403	09			XA404	35			16B	9		YI03DB	01				EXT				
23359		XA403	10			XA407	02			16B	9		YI03DG	01				EXT				
22514		XA403	11			XA404	36			16B	9		YI04DB	01				EXT				
23021		XA403	12										GND	01				EXT				
23361		XA403	12			XA407	25			16B	9		YI04DG	01				EXT				
22516		XA403	13			XA404	37			16B	9		YI05DB	01				EXT				
23022		XA403	14										GND	01				EXT				
23363		XA403	14			XA407	39			16B	9		YI05DG	01				EXT				
22518		XA403	15			XA404	38			16B	9		YI06DB	01				EXT				
23023		XA403	16										GND	01				EXT				
23365		XA403	16			XA407	42			16B	9		YI06DG	01				EXT				
22520		XA403	17			XA404	39			16B	9		YI07DB	01				EXT				
23024		XA403	18										GND	01				EXT				
23367		XA403	18			XA407	21			16B	9		YI07DG	01				EXT				
22522		XA403	19			XA404	41			16B	9		YI08DB	01				EXT				
23025		XA403	20										GND	01				EXT				
23369		XA403	20			XA407	45			16B	9		YI08DG	01				EXT				
22524		XA403	21			XA404	42			16B	9		YI09DB	01				EXT				
23026		XA403	22										GND	01				EXT				
23371		XA403	22			XA407	53			16B	9		YI09DG	01				EXT				
22526		XA403	23			XA404	45			16B	9		YI10DB	01				EXT				
23027		XA403	24										GND	01				EXT				
23373		XA403	24			XA407	58			16B	9		YI10DG	01				EXT				
22528		XA403	25			XA504	05			16B	9		YI11DB	01				EXT				
23028		XA403	26										GND	01				EXT				
23375		XA403	26			XA407	44			16B	9		YI11DG	01				EXT				
22530		XA403	27			XA504	07			16B	9		YI12DB	01				EXT				
23029		XA403	28										GND	01				EXT				
23377		XA403	28			XA407	67			16B	9		YI12DG	01				EXT				
22532		XA403	29			XA504	08			16B	9		YI13DB	01				EXT				
23030		XA403	30										GND	01				EXT				
23379		XA403	30			XA407	77			16B	9		YI13DG	01				EXT				
22534		XA403	31			XA504	09			16B	9		YI14DB	01				EXT				
22863		XA403	32										GND	01				EXT				
23382		XA403	32			XA407	79			16B	9		YI14DG	01				EXT				
22536		XA403	33			XA504	10			16B	9		YI15DB	01				EXT				
22864		XA403	34										GND	01				EXT				
23384		XA403	34			XA407	59			16B	9		YI15DG	01				EXT				
22538		XA403	35			XA504	17			16B	9		YI16DB	01				EXT				
22865		XA403	36										GND	01				EXT				
23385		XA403	36			XA506	05			16B	9		YI16DG	01				EXT				
22540		XA403	37			XA504	19			16B	9		YI17DB	01				EXT				
22866		XA403	38										GND	01				EXT				
23387		XA403	38			XA506	19			16B	9		YI17DG	01				EXT				
22542		XA403	39			XA504	20			16B	9		YI18DB	01				EXT				
22867		XA403	40										GND	01				EXT				
23389		XA403	40			XA506	16			16B	9		YI18DG	01				EXT				
22544		XA403	41			XA504	23			16B	9		YI19DB	01				EXT				
CONNECTOR XA403 CONTINUED ON THE NEXT PAGE ****																						

DRAWING NUMBER 149012-880 CONNECTOR UNIT ASSEMBLY NO. 149012 REV E INDEX XA403
 UNIT ASSEMBLY NAME CARD CAGE ASSY,CPU L.H. FILE IDENT T39B2CP1 DATE 09-03-82 PAGE 273

RECORD NUMBER	FROM			TO			WIRE			MULTI GROUP	SPEC INST MISC	SIGNAL	SQ 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	DR FC	CODE	COLOR													
23306		XA403	76		XA405	23		1E8	0		YSN2GB	01										
22498		XA403	77		XA404	52		1E8	9		YACPD8	01										B03
22883		XA403	78								GND											
23345		XA403	78		XA507	19		1E8	9		YACPDG	01										
22574		XA403	79								SPP	01										
22884		XA403	80								GND											
09231		XA404	01								DNW	01										
21296		XA404	02	1	XA404	11	1	1E8	9		40102G	01	GROUND			RR4						
09232		XA404	03		XA404	13		1E8	9		+5RE1B	05H				RR4	AP					B03
21167		XA404	04								DNW	01				RR4	AP					
21163		XA404	05		XA551	65		1E8	9		UCMG3B	01				RR4	A3					
09233		XA404	06		XA404	18	1	1E8	9		40102G	03				RR4	AC					C03
21164		XA404	07		XA551	15		1E8	9		UCMG4B	01				RR4	A4					
09234		XA404	08		XA551	63		1E8	9		UCMG0B	01				RR4	A1					
09235		XA404	09								DNW	01				RR4	A5					
09236		XA404	10								DNW	01				RR4	A2					
21297		XA404	11		XA404	06		1E8	9		40102G	02	GROUND			RR4						C03
12644		XA404	12					1E8	9		+5V112	02				RR4						
09237		XA404	13		XA404	59		1E8	9		+5RE1B	05J				RR4	BP					B03
21174		XA404	14								DNW	01				RR4	BP					
09238		XA404	15								DNW	01				RR4						C05
12723		XA404	16								DNW	01				RR4				KEYWAY		C05
21170		XA404	17		XA551	27		1E8	9		UCMG6B	01				RR4	B4					
09239		XA404	18					1E8	9		40102G	04				RR4	BC					C03
21171		XA404	19		XA551	17		1E8	9		UCMG7B	01				RR4	B5					
09240		XA404	20		XA551	03		1E8	9		UCMG5B	01				RR4	B1					
00154		XA404	21		XA404	33		1E8	9		+5V0CF	052				RR4	CP					B03
00155		XA404	22								SPF					RR4	CP			+5V0CF		B03
15638		XA404	23		XA407	07		1E8	9		YI00DB	02				RR4	C3					
09241		XA404	24								DNW	01				RR4	B3					
15647		XA404	25		XA407	17		1E8	9		YI01DB	02				RR4	C4					
09242		XA404	26								DNW	01				RR4	B2					
09243		XA404	27								DNW	01				RR4						
12667		XA404	28					1E8	9		+5V128	02				RR4						
15657		XA404	29		XA407	14		1E8	9		YI02DB	02				RR4	C5					
21298		XA404	30	1	XA404	32	1	1E8	9		40132G	01	GROUND			RR4	CC					
23445		XA404	30					Q2	1ED	0	+5V0CZ	02				RR4	CC					B03
09244		XA404	31								DNW	01				RR4						
21259		XA404	32		XA405	32		1E8	9		40132G	02	GROUND			RR4						
00156		XA404	33		XA404	49		1E8	9		+5V0CF	053				RR4	DP					B03
00157		XA404	34								SPF					RR4	DP			+5V0CF		B03
15667		XA404	35		XA407	01		1E8	9		YI03DB	02				RR4	D3					
15677		XA404	36		XA407	27		1E8	9		YI04DB	02				RR4	C1					
15687		XA404	37		XA407	37		1E8	9		YI05DB	02				RR4	D4					
15697		XA404	38		XA407	41		1E8	9		YI06DB	02				RR4	C2					
15708		XA404	39		XA407	23		1E8	9		YI07DB	02				RR4	D5					
21300		XA404	40	1	XA404	44	1	1E8	9		40144G	01	GROUND			RR4	DC					
15716		XA404	41		XA407	46		1E8	9		YI08DB	02				RR4	E5					
CONNECTOR (XA404) CONTINUED ON THE NEXT PAGE ****																						

DRAWING NUMBER 149012-880 CONNECTOR UNIT ASSEMBLY NO. 149012 REV E INDEX XA404
 UNIT ASSEMBLY NAME CARD CAGE ASSY,CPU L.H. FILE IDENT T39B2CP1 DATE 09-03-82 PAGE 274

RECORD NUMBER	FROM				TO				WIRE			SFC INET MISC	SIGNAL	SEQ NO	EQUATION	TERM	FACTOR	CMT OR CHIP TYPE	GND	LOAD OR POWER PLANE	TEST POINTS (AND ST)	SIGNAL DESCRIPTION	ECO NO	
	PREFIX	CONNECTOR	PIN	SH 12	PREFIX	CONNECTOR	PIN	SH 12	MULTI GROUP	CODE	COLOR													IDENT
15728		XA404	42		XA407	55			16B	9		YI09DB	02					RR4	D1					
09245		XA404	43									DNW	01					RR4						
21301		XA404	44		XA405	44			16B	9		40144G	02	GRGUND				RR4						
15738		XA404	45		XA407	60			16B	9		YI10DB	02					RR4	E4					
15135		XA404	46		XA507	07			16B	9		YI0PDB	02					RR4	O2					
12744		XA404	47		XA507	27			16B	9		YADCDB	02					RR4	E3					
14938		XA404	48		XA507	37			16B	9		YHLCDB	02					RR4	E2					
00158		XA404	49		XA504	03			16B	9		+5VDCF	054					RR4	EP				B03	
00159		XA404	50									SPF						RR4	EP				+5VDCF	B03
12737		XA404	51		XA408	53			16B	9		SPI042	01					RR4	F5				B03	
15121		XA404	52		XA507	17			16B	9		YACPDB	02					RR4	E1				B03	
17539		XA404	53		XA405	08			16B	9		SPA500	01					RR4	F4					
21302		XA404	54		XA404	40			16B	9		40144G	00					RR4	EC				C03	
17557		XA404	55		XA405	05			16B	9		SPA501	01					RR4	F3					
17560		XA404	56		XA405	64			16B	9		SPA502	01					RR4	F2					
09246		XA404	57									DNW	01					RR4					KEYWAY	C05
12724		XA404	58									DNW	01					RR4					KEYWAY	C05
00160		XA404	59		XA404	69			16B	9		+5PE1B	055					RR4	FP					
00161		XA404	60									SPF						RR4	FP				+5RE1B	B02
21100		XA404	61		XA411	15			16B	9		UCMM0B	02					RR4	G5					
21108		XA404	62		XA411	03			16B	9		UCMM1B	02					RR4	F1					
21113		XA404	63		XA411	27			16B	9		UCMM2B	02					RR4	G4					
21304		XA404	64	1	XA404	67		1	16B	9		40167G	01	GRGUND				RR4	FC					
21118		XA404	65		XA411	29			16B	9		UCMM5B	02					RR4	G3					
21126		XA404	66		XA411	63			16B	9		UCMM8B	02					RR4	G2					
21305		XA404	67	2	XA404	74		2	16B	9		40167G	02	GRGUND				RR4						
09247		XA404	68									DNW	01					RR4						
00162		XA404	69		XA404	79			16B	9		+5RE1B	056					RR4	GP				+5RE1B	B02
00163		XA404	70									SPF						RR4	GP					
21129		XA404	71		XA411	53			16B	9		UCMNOB	02					RR4	H5					
21134		XA404	72		XA411	80			16B	9		UCMN1B	02					RR4	G1					
21139		XA404	73		XA411	65			16B	9		UCMN2B	02					RR4	H4					
21306		XA404	74	1	XA404	77		1	16B	9		40167G	03	GRGUND				RR4	GC					
21155		XA404	75		XA536	68			16B	9		USENDB	02					RR4	H3					
21123		XA404	76		XA411	41			16B	9		UCMM7B	02					RR4	H2					
21307		XA404	77						16B	9		40167G	04	GRGUND				RR4	HC					
20563		XA404	78						16B	9		SPI043	08					RR4	H1					
00164		XA404	79		XA504	59			16B	9		+5RE1B	057					RR4	HP				+5RE1B	C01
00165		XA404	80									SPF						RR4	HP				+5RE1B	B02
13519		XA405	01									SPP	01					ACF						
13521		XA405	02									GND		GRGUND				ACF					01B	
23417		XA405	02		XA404	02			16B	9		40102G	005					ACF					01B	
13498		XA405	03									SPO	01			00	1	ACF	A3				02A	
09248		XA405	04									SPP	01					ACF						
17558		XA405	05		XA405	09			16B	9		SPA501	02			01	?	ACF	A3				04B	
09249		XA405	06		XA405	74			16B	9		+5AXUC	05					ACF						
21183		XA405	07		XA405	19			16B	9		SPA500	03			01	1	ACF	A1				03A	
17540		XA405	08		XA405	07			16B	9		SPA500	02			01	1	ACF	A3				05B	
CONNECTOR		XA405	CONTINUED ON THE NEXT PAGE ****																					

DRAWING NUMBER 149012-880 CONNECTOR UNIT ASSEMBLY NO. 149012 REV E INDEX XA405
 UNIT ASSEMBLY NAME CARD CAGE ASSY,CPU L.H. FILE IDENT T39B2CP1 DATE 09-03-82 PAGE 275

RECORD NUMBER	FROM			TO			WIRE			SPEC. INSC. MISC.	SIGNAL	SEC NO	EQUATION	TERM. WIRE FACTOR	CKT OR CHIP TYPE	GROUP	LOAD OR POWER PLANE	TEST POINTS AND/OR	SIGNAL DESCRIPTION	ECO NO
	PREFIX	CONNECTOR	PIN	PREFIX	CONNECTOR	PIN	DRIFT	MULTI GROUP	CODE											
17555		XA405	09											01	2	ACF	A1	04A		
17561		XA405	10		XA405	15			16B	9				00	1	ACF	A2	06B		
21175		XA405	11											00	1	ACF	A1	05A		
12648		XA405	12											01		ACF		21B		
25333		XA405	12		XA404	12			16B	9				01		ACF		21B		
09250		XA405	13		XA408	60			16B	9			MYSN1GX	01	1	ACF	B1	06A		
23297		XA405	13										MYSN10	01		ACF		06A		
09251		XA405	14										SPP	01		ACF				
09252		XA405	15		XA405	41			16B	9			SPA501	04		ACF	A2	07B		
12690		XA405	16										GND	02		ACF		20B		
23302		XA405	16					0A	16B	9			WDDD1G	02		ACF		20B		
09253		XA405	17						16B	9			WDDD1A	02		ACF	B1	07A		B03
23300		XA405	17										WDDD1A	01		ACF	C1	07A		
09254		XA405	18										SPP	01		ACF				
12688		XA405	19						16B	9			SPA500	04		ACF	A2	08B		
09255		XA405	20										SPP	01		ACF				
09256		XA405	21										SPP	01		ACF				
09257		XA405	22										SPP	01		ACF				
09258		XA405	23										MYSN2GX	01		ACF	C1			
23275		XA405	23		XA405	27			16B	9			MYSN2GX	01		ACF	C1		YSN2GB BUSS	
00166		XA405	24										SPP	01		ACF				
09259		XA405	25										MYSN2HX	01		ACF	C2		YSN2HB BUSS	
23276		XA405	25						16B	9			MYSN2HX	02		ACF	C2			
09260		XA405	26										SPP	01		ACF				
09261		XA405	27						16B	9			YSN2GB	03		ACF	RC			
12671		XA405	28										+5V	01		ACF				
23334		XA405	28		XA404	28			16B	9			+5V128	01		ACF				
09262		XA405	29										MYSN1HX	01		ACF	B2		YSN1HB BUSS	
23274		XA405	29						16B	9			MYSN1HX	02		ACF	B2			
09263		XA405	30										SPP	01		ACF				
09264		XA405	31										MYSN1GX	01		ACF	B1		YSN1GB BUSS	
23273		XA405	31		XA405	33			16B	9			MYSN1GX	02		ACF	B1			
22695		XA405	32										GND			ACF		40A		
23416		XA405	32						16B	9			40132G	03		ACF		40A		
09265		XA405	33						16B	9			YSN1GB	03		ACF	RB			
21175		XA405	34										SPP	01		ACF				
09266		XA405	35										SPP	01		ACF				
21172		XA405	36										SPP	01		ACF				
09267		XA405	37		XA405	39			16B	9			MYGNDA	01		ACF	D2	18A		
21168		XA405	38										SPP	03		ACF				
09268		XA405	39		XA405	43			16B	9			MYGNDA	02		ACF	C2	20A		
21165		XA405	40										SPP	01		ACF				
09269		XA405	41						16B	9			SPA501	05		ACF	B2	22A		
09270		XA405	42										SPP	01		ACF				
09271		XA405	43		XA507	13			16B	9			MYGNDA	03		ACF	E2	23A		
22696		XA405	44										GND			ACF		40B		
23419		XA405	44						16B	9			40144G	03		ACF		40B		
09272		XA405	45										SPP	02		ACF		08A		B04
09273		XA405	46										SPP	01		ACF				
09274		XA405	47										SPP	01		ACF				
CONNECTOR		XA405	CONTINUED ON THE NEXT PAGE ****																	

DRAWING NUMBER 149012-880 CONNECTOR UNIT ASSEMBLY NO. 149012 REV E INDEX XA405
 UNIT ASSEMBLY NAME CARD CAGE ASSY,CPU L.H. FILE IDENT T39B2CP1 DATE 09-03-82 PAGE 276

RECORD NUMBER	FROM			TO			WIRE			SPECIAL USE	SIGNAL	SEQ NO	EQUATION	TERM	FACTOR	CKT OR INTR TYPE	GROUP	L222 GP POWER PLANE	TEST POINTS	SIGNAL DESCRIPTION	ECO NO
	PREFIX	CONNECTOR	PIN	PREFIX	CONNECTOR	PIN	SH TO	MULTI GROUP	CODE												
09275		XA405	48								SPP	01									
09276		XA405	49								SPO	01		00	1	ACF	E2				
09277		XA405	50								SPP	01				ACF					
09278		XA405	51								SPO	01		00	1	ACF	E1				
09279		XA405	52								SPP	01				ACF					
09280		XA405	53								SPP	01				ACF	RD				
09281		XA405	54								SPP	01				ACF					
09282		XA405	55								SPP	01				ACF	RE				
00252		XA405	56								SPP	01				ACF					
09283		XA405	57								SPO	01		00	1	ACF	D2				
22697		XA405	58								GND		GRGUND			ACF					
09284		XA405	59								SPO	01		00	1	ACF	D1				
09285		XA405	60								SPP	01				ACF					
09286		XA405	61								SPP	01				ACF					
09287		XA405	62								SPP	01				ACF					
09288		XA405	63								SPP	01				ACF					
00727		XA405	64		XA405	66			16B	9		SPA502	02	MYSN2TX	01	1	ACF	C3	34A		
09289		XA405	65								J	MYSN2TX	01	MYSN2TX	00	1	ACF	C3	32A	YSN2TB BUSS	
23277		XA405	65		XA535	53			16B	9		P	MYSN2TX	00	YSN2TB	01	1	ACF	C3	32A	
09290		XA405	66		XA405	68			16B	9		SPA502	03		01	1	ACF	B3	34B		
22698		XA405	67								GND		GROUND			ACF					
23420		XA405	67		XA404	64			16B	9		40167G	005			ACF					
09291		XA405	68		XA405	71			16B	9		SPA502	04		01	1	ACF	E3	36A		
09292		XA405	69								SPO	01		00	1	ACF	B3	35B			
09293		XA405	70								SPP	01				ACF					
09294		XA405	71						16B	9		SPA502	05		01	1	ACF	D3	36B		
09295		XA405	72								SPO	01		00	1	ACF	E3	38A			
09296		XA405	73								SPO	01		00	1	ACF	D3	38B			
00721		XA405	74						16B	9		+5AXJC	06			ACF					B04
09297		XA405	75								SPP	01				ACF					
00248		XA405	76								SPP	02				ACF					
09298		XA405	77								DNW	01				ACF				KEYWAY	C05
09299		XA405	78								DNW	01				ACF				KEYWAY	C05
09300		XA405	79								SPP	01				ACF					
09301		XA405	80								SPP	01				ACF					
17541		XA406	01								SPP	01									
11424		XA406	02								GND	01									
14655		XA406	03								SPP	01									
09302		XA406	04								SPP	01									
09303		XA406	05								SPP	01									
22001		XA406	06								SPP	01									
09304		XA406	07								SPP	01									
17542		XA406	08								SPP	04									
22002		XA406	09								SPP	01									
14653		XA406	10								SPP	01									
09305		XA406	11								SPP	01									
12652		XA406	12								+5V	02									
09306		XA406	13								SPP	01									
CONNECTOR XA406 CONTINUED ON THE NEXT PAGE ****																					

DRAWING NUMBER 149012-880 CONNECTOR UNIT ASSEMBLY NO. 149012 REV E INDEX XA406
 UNIT ASSEMBLY NAME CARD CAGE ASSY,CPU L.H. FILE IDENT T39B2CP1 DATE 09-03-82 PAGE 277

RECORD NUMBER	FROM			TO			WIRE				SPP	SIGNAL	SQ NO	EQUATION	TERM	FACTOR	CKT OR CHIP TYPE	SPOP	LOAD OR POWER PL. LINE	TEST POINTS AND OR	SIGNAL DESCRIPTION	ECO NO	
	PREFIX	CONNECTOR	PIN	PREFIX	CONNECTOR	PIN	SMTC	MULTI GROUP	CODE	COLOR													IDENT
09307		XA406	14									SPP	01										
09308		XA406	15									SPP	01										
12654		XA406	16									GND	02										
14657		XA406	17									SPP	01										
17543		XA406	18									SPP	05										
17544		XA406	19									SPP	06										
14655		XA406	20									SPP	02										
22003		XA406	21									SPP	03										
15645		XA406	22									SPP	03										
09309		XA406	23									SPP	01										
09310		XA406	24									SPP	01										
09311		XA406	25									SPP	01										
13862		XA406	26									SPP	07										
09312		XA406	27									SPP	01										
12675		XA406	28									+5V	01										
13863		XA406	29									SPP	08										
21342		XA406	30									SPP	01										
09313		XA406	31									SPP	01										
12677		XA406	32									GND	01										
15635		XA406	33									SPP	03										
15665		XA406	34									SPP	03										
09314		XA406	35									SPP	01										
13858		XA406	36									SPP	03										
13859		XA406	37									SPP	04										
09315		XA406	38									SPP	01										
15655		XA406	39									SPP	03										
09316		XA406	40									SPP	01										
09317		XA406	41									SPP	01										
09318		XA406	42									SPP	01										
09319		XA406	43									SPP	01										
11425		XA406	44									GND	01										
09320		XA406	45									SPP	01										
09321		XA406	46									SPP	01										
09322		XA406	47									SPP	01										
09323		XA406	48									SPP	01										
09324		XA406	49									SPP	01										
09325		XA406	50									SPP	01										
09326		XA406	51									SPP	01										
22004		XA406	52									SPP	01										
09327		XA406	53									SPP	01										
09328		XA406	54									SPP	01										
09329		XA406	55									SPP	01										
00253		XA406	56									SPP	01										
09330		XA406	57									SPP	01										
11426		XA406	58									GND	01	GROUND									
09331		XA406	59									SPP	01										
09332		XA406	60									SPP	01										
09333		XA406	61									SPP	01										
09334		XA406	62									SPP	01										
09335		XA406	63									SPP	01										
CONNECTOR (XA406) CONTINUED ON THE NEXT PAGE ****																							

DRAWING NUMBER 149012-880 CONNECTOR UNIT ASSEMBLY NO. 149012 REV E INDEX XA406
 UNIT ASSEMBLY NAME CARD CAGE ASSY,CPU L.H. FILE IDENT T39B2CP1 DATE 09-03-82 PAGE 278

RECORD NUMBER	FROM				TO				WIRE				SIGNAL	SFC NO	EQUATION	TERM FACTOR	CKT OR CHIP TYPE	LOAD OF POWER PLANE	TEST POINTS (END OF)	SIGNAL DESCRIPTION	ECC NO
	PREFIX	CONNECTOR	PIN	SH TO	PREFIX	CONNECTOR	PIN	SH TO	MULTI GROUP	CODE	COLOR	IDENT									
00728		XA406	64										SPP	03							
09336		XA406	65										SPP	01							
09337		XA406	66										SPP	01							
22695		XA406	67										GND								
09338		XA406	68										SPP	01							
09339		XA406	69										SPP	01							
09340		XA406	70										SPP	01							
09341		XA406	71										SPP	01							
09342		XA406	72										SPP	01							
09343		XA406	73										SPP	01							
09344		XA406	74										SPP	01							
16117		XA406	75										SPP	01							
09345		XA406	76										SPP	01							
09346		XA406	77										SPP	01							
00167		XA406	78										SPP	06B							
09347		XA406	79										SPP	01							
21309		XA406	80										SPP	02							
17545		XA407	01									J	MYA03DX	01	MYA03DX	00	1	DCF	A7	02A	Y10308
23240		XA407	01						16B	9		P	MYA03DX	03	Y10308	01	1	DCF	A7	02A	
11427		XA407	02										GND	01				DCF		01A	
23360		XA407	02						16B	9			Y1030G	02				DCF		01A	
14663		XA407	03			XA408	13		16B	9			MYA030X	01	MYA030X	00	1	DCF	A8	03A	
09348		XA407	04						16B	9			MD2340	02	MYA030X	01	1	DCF	A8	04A	
23354		XA407	05						16B	9			Y1030G	02				DCF			
15678		XA407	06			XA407	36		16B	9			MYSTBA	01	MYA030X	01	1	DCF	A1	05A	
22005		XA407	06									M	MYSTBA	03	MYA01DX	01	1	DCF	A3	05A	
23278		XA407	06									M	MYSTBA	01	MYA02DX	01	1	DCF	A5	05A	
23279		XA407	06									M	MYSTBA	01	MYA03DX	01	1	DCF	A7	05A	
09350		XA407	07									J	MYA00DX	01	MYA00DX	00	1	DCF	A1	02B	Y100DB BUSS
22007		XA407	07						16B	9		P	MYA00DX	03	Y100DB	01	1	DCF	A1	02B	
17546		XA407	08						16B	9			MD2330	02	MYA020X	01	1	DCF	A6	06A	
15688		XA407	09			XA408	08		16B	9			MYA000X	01	MYA000X	00	1	DCF	A2	03B	
14661		XA407	10			XA408	07		16B	9			MYA020X	01	MYA020X	00	1	DCF	A6	07A	
09351		XA407	11						16B	9			MD2310	02	MYA000X	01	1	DCF	A2	04B	
00538		XA407	12										+5V	01				DCF		08A	
09352		XA407	13						16B	9			MD2320	02	MYA010X	01	1	DCF	A4	05B	
09353		XA407	14									J	MYA02DX	01	MYA02DX	00	1	DCF	A5	08B	Y1020B BUSS
22006		XA407	14						16B	9		P	MYA02DX	03	Y1020B	01	1	DCF	A5	08B	
09354		XA407	15			XA408	05		16B	9			MYA010X	01	MYA010X	00	1	DCF	A4	06B	
11428		XA407	16										GND	01	GPCUND			DCF			
23358		XA407	16						16B	9			Y1020G	02				DCF			
14665		XA407	17									J	MYA01DX	01	MYA01DX	00	1	DCF	A3	07B	Y1010B BUSS
23341		XA407	17						16B	9		P	MYA01DX	03	Y1010B	01	1	DCF	A3	07B	
17547		XA407	18										SPP	01				DCF			
23356		XA407	19						16B	9			Y1010G	02				DCF			
14667		XA407	20										SPP	01				DCF			
23368		XA407	21						16B	9			Y1070G	02				DCF			
15685		XA407	22										SPP	01				DCF			
CONNECTOR (XA407) CONTINUED ON THE NEXT PAGE ****																					

DRAWING NUMBER 149012-880 CONNECTOR UNIT ASSEMBLY NO. 149012 REV E INDEX XA407
 UNIT ASSEMBLY NAME CARD CAGE ASSY,CPU L.H. FILE IDENT T39B2CP1 DATE 09-03-82 PAGE 279

RECORD NUMBER	FROM				TO				WIRE				SPEC INSC MISC	SIGNAL	SFQ NO	EQUATION	TERM	FACTOR	C/T 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	COLOR	IDENT												
14689		XA408	17							16B	9		MD0290	07	MYA06A	01	1	TQ2	B3		08B			
15544		XA408	18		XA408	20				16B	9		MYA050X	02	MYA05A	01	2	TQ2	B2		10A			
17551		XA408	19							16B	9		MYA060X	02	MYA06A	01	2	TQ2	B3		09B			
15534		XA408	20		XA408	23				16B	9		MD0290	08	MYA05A	01	1	TQ2	B2		11A			
15739		XA408	21							16B	9		MYA06A	03	MYA06A	00	1	TQ2	B3		10B			
15726		XA408	22							16B	9		MYA04A	03	MYA04A	00	1	TQ2	B1		12A			
09402		XA408	23		XA408	26				16B	9		MD0290	09	MYA07A	01	1	TQ2	B4		11B			
09403		XA408	24							16B	9		MYA040X	02	MYA04A	01	2	TQ2	B1		13A			
09404		XA408	25							16B	9		MYA070X	02	MYA07A	01	2	TQ2	B4		12B			
13896		XA408	26							16B	9		MD0290	10	MYA04A	01	1	TQ2	B1		14A			
005405		XA408	27		XA410	25				16B	9		MYA07A	02	MYA07A	00	1	TQ2	B4		13B			
00541		XA408	28										+5V	01				TQ2						
13897		XA408	29		XA408	35				16B	9		MD0310	03	MYA10A	01	1	TQ2	C3		14B			
09406		XA408	30							16B	9		MYA09A	03	MYA09A	00	1	TQ2	C2		15A			
09407		XA408	31							16B	9		MYA100X	02	MYA10A	01	2	TQ2	C3		15B			
15140		XA408	32										GND		GROUND			TQ2			20B			
15716		XA408	33							16B	9		MYA10A	03	MYA10A	00	1	TQ2	C3		16B			
15133		XA408	34							16B	9		MYA090X	02	MYA09A	01	2	TQ2	C2		16A			
09408		XA408	35		XA408	36				16B	9		MD0310	04	MYA11A	01	1	TQ2	C4		17B			
17552		XA408	36		XA408	41				16B	9		MD0310	05	MYA09A	01	1	TQ2	C2		17A			
13895		XA408	37							16B	9		MYA110X	02	MYA11A	01	2	TQ2	C4		18B			
09409		XA408	38							16B	9		MYA08A	03	MYA08A	00	1	TQ2	C1		18A			
15736		XA408	39							16B	9		MYA11A	03	MYA11A	00	1	TQ2	C4		19B			
09410		XA408	40							16B	9		MYA080X	02	MYA08A	01	2	TQ2	C1		19A			
09411		XA408	41		XA408	42				16B	9		MD0310	06	MYA14A	01	1	TQ2	D3		22B			
09412		XA408	42		XA408	47				16B	9		MD0310	07	MYA08A	01	1	TQ2	C1		20A			
09413		XA408	43							16B	9		MYA140X	02	MYA14A	01	2	TQ2	D3		23B			
11433		XA408	44										GND	01	GROUND			TQ2			21B			
09414		XA408	45							16B	9		MYA14A	05	MYA14A	00	1	TQ2	D3		24B			
09415		XA408	46							16B	9		MYA13A	05	MYA13A	00	1	TQ2	D2		21A			
09416		XA408	47		XA408	50				16B	9		MD0310	08	MYA15A	01	1	TQ2	D4		25B			
09417		XA408	48							16B	9		MYA130X	02	MYA13A	01	2	TQ2	D2		22A			
09418		XA408	49							16B	9		MYA150X	02	MYA15A	01	2	TQ2	D4		26B			
09419		XA408	50		XA408	56				16B	9		MD0310	09	MYA13A	01	1	TQ2	D2		23A			
09420		XA408	51							16B	9		MYA15A	05	MYA15A	00	1	TQ2	D4		27B			
15136		XA408	52		XA511	05				16B	9		MYA12A	01	MYA12A	00	1	TQ2	D1		24A	YIOPB3 BUSS		
09421		XA408	53		XA408	59				16B	9		SPI042	02		00	1	TQ2	E3		28B			
09422		XA408	54							16B	9		MYA120X	02	MYA12A	01	2	TQ2	D1		25A			
09423		XA408	55		XA408	61				16B	9		SPI043	01		01	2	TQ2	E3		29B			
00255		XA408	56							16B	9		MD0310	10	MYA12A	01	1	TQ2	D1		26A			
09424		XA408	57										SPO	01		00	1	TQ2	E3		30B			
11434		XA408	58										GND	01	GROUND			TQ2			27A			
09425		XA408	59		XA408	65				16B	9		SPI042	03		01	1	TQ2	E4		31B			
09426		XA408	60							16B	9		MYSN10	02	MYSN10	00	1	TQ2	E2		28A			
09427		XA408	61		XA408	68				16B	9		SPI043	02		01	2	TQ2	E4		32B			
09428		XA408	62							16B	9		MC070A	02	MYSN10	01	2	TQ2	E2		29A			
09429		XA408	63										SPO	01		00	1	TQ2	E4		33B			
00730		XA408	64							16B	9		MC062A	02	MYSN10	01	1	TQ2	E2		30A			
09430		XA408	65		XA408	70				16B	9		SPI042	04		01	1	TQ2	F3		34B			
09431		XA408	66		XA506	06				16B	9		MYSTBA	05	MYSTBA	00	1	TQ2	E1		31A			
CONNECTOR (XA408) CONTINUED ON THE NEXT PAGE ****																								

DRAWING NUMBER 149012-880 CONNECTOR UNIT ASSEMBLY NO. 149012 REV E INDEX XA407
 UNIT ASSEMBLY NAME CARD CAGE ASSY,CPU L.H. FILE IDENT T39B2CP1 DATE 09-03-82 PAGE 280

RECORD NUMBER	FROM				TO				WIRE			SFC INST MISC	SIGNAL	SEQ NO	EQUATION	TERM	FACTOR	CKT OF CHIP TYPE	SPP	LOAD CP POWER PLANE	TEST POINTS	SIGNAL DESCRIPTION	FIG NO
	PREFIX	CONNECTOR	PIN	SH PC	PREFIX	CONNECTOR	PIN	SH PC	MULTI GROUP	CODE	COLOP												
23374		XA407	58							16B	9		YI100G	02				DCF					
23383		XA407	59							16B	9		YI150G	02				DCF					
09379		XA407	60									J	MYA10DX	01	MYA10DX	00	1	DCF	C5		31B	YI100B BUSS	
23247		XA407	60									P	MYA10DX	03	YI100B	01	1	DCF	C5		31B		
09380		XA407	61									J	MYA15DX	01	MYA15DX	00	1	DCF	D7		33A	YI150B BUSS	
23252		XA407	61									P	MYA15DX	03	YI150B	01	1	DCF	D7		33A		
09381		XA407	62										SPP	01				DCF					
09382		XA407	63										SPP	01				DCF					
00729		XA407	64										SPP	01				DCF					
09383		XA407	65									J	MYA12DX	01	MYA12DX	00	1	DCF	D1		32B	YI120B BUSS	
23249		XA407	65									P	MYA12DX	03	YI120B	01	1	DCF	D1		32B		
09384		XA407	66										SPP	01				DCF					
22700		XA407	67										GND	01	GROUND			DCF					
23378		XA407	67							16B	9		YI120G	02				DCF					
09385		XA407	68		XA408	49				16B	9		MYA150X	01	MYA150X	00	1	DCF	D8		34A		
09386		XA407	69		XA408	54				16B	9		MYA120X	01	MYA120X	00	1	DCF	D2		33B		
09387		XA407	70							16B	9		MD2460	02	MYA150X	01	1	DCF	D8		35A		
09388		XA407	71							16B	9		MD2430	02	MYA120X	01	1	DCF	D2		34B		
09389		XA407	72		XA408	66				16B	9		MYSTBA	04	MYA120X	01	1	DCF	D1		36A		
23285		XA407	72									M	MYSTBA	01	MYA150X	01	1	DCF	D7		36A		
23286		XA407	72									M	MYSTBA	01	MYA140X	01	1	DCF	D5		36A		
23287		XA407	72									M	MYSTBA	01	MYA130X	01	1	DCF	D3		36A		
09390		XA407	73							16B	9		MD2440	02	MYA130X	01	1	DCF	D4		35B		
09391		XA407	74							16B	9		MD2450	02	MYA140X	01	1	DCF	D6		37A		
16118		XA407	75		XA408	48				16B	9		MYA130X	01	MYA130X	00	1	DCF	D4		36B		
09392		XA407	76		XA408	43				16B	9		MYA140X	01	MYA140X	00	1	DCF	D6		38A		
23380		XA407	77							16B	9		YI130G	02				DCF					
00166		XA407	78									J	MYA13DX	01	MYA13DX	00	1	DCF	D3		37B	YI130B BUSS	
23250		XA407	78									P	MYA13DX	03	YI130B	01	1	DCF	D3		37B		
23381		XA407	79							16B	9		YI140G	02				DCF				40B	
21311		XA407	80									J	MYA14DX	01	MYA14DX	00	1	DCF	D5		38B	YI140B BUSS	
23251		XA407	80									P	MYA14DX	03	YI140B	01	1	DCF	D5		38B		
17549		XA408	01							16B	9		MYA01A	03	MYA01A	00	1	TQ2	A2		02B		
11432		XA408	02										GND	01	GROUND			TQ2			01A		
14687		XA408	03		XA408	04				16B	9		MD0290	03	MYA02A	01	1	TQ2	A3		02A		
09395		XA408	04		XA408	10				16B	9		MD0290	04	MYA01A	01	1	TQ2	A2		04A		
09396		XA408	05							16B	9		MYA010X	02	MYA03A	01	2	TQ2	A2		03B		
15719		XA408	06							16B	9		MYA00A	03	MYA00A	00	1	TQ2	A1		05A	YI080B BUSS	
09397		XA408	07							16B	9		MYA020X	02	MYA02A	01	2	TQ2	A3		03A		
17550		XA408	08							16B	9		MYA000X	02	MYA00A	01	2	TQ2	A1		06A		
15729		XA408	09							16B	9		MYA02A	03	MYA02A	00	1	TQ2	A3		04B	YI090B BUSS	
14669		XA408	10		XA408	11				16B	9		MD0290	05	MYA00A	01	1	TQ2	A1		07A		
09398		XA408	11		XA408	17				16B	9		MD0290	06	MYA03A	01	1	TQ2	A4		05B		
00540		XA408	12										+5V	01				TQ2					
09399		XA408	13							16B	9		MYA030X	02	MYA03A	01	2	TQ2	A4		06B		
09400		XA408	14							16B	9		MYA05A	03	MYA05A	00	1	TQ2	B2		09A		
09401		XA408	15							16B	9		MYA03A	03	MYA03A	00	1	TQ2	A4		07B		
15542		XA408	16										GND		GROUND			TQ2			01B		
CONNECTOR		XA408	CONTINUED ON THE NEXT PAGE ****																				

DRAWING NUMBER 149012-880 CONNECTOR UNIT ASSEMBLY NO. 149012 REV E INDEX XA408
 UNIT ASSEMBLY NAME CARD CAGE ASSY,CPU L.H. FILE IDENT T39B2CP1 DATE 09-03-82 PAGE 281

RECORD NUMBER	FROM				TO				WIRE				SPEC INSC MISC	SIGNAL	SFG NO	EQUATION	TERM	FACTOR	C/T 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	COLOR	IDENT												
14689	XA408	17			XA408	20				16B	9		MD0290	07	MYA06A	01	1	TQ2	B3		08B			
15544	XA408	18			XA408	20				16B	9		MYA050X	02	MYA05A	01	2	TQ2	B2		10A			
17551	XA408	19								16B	9		MYA060X	02	MYA06A	01	2	TQ2	B3		09B			
15534	XA408	20			XA408	23				16B	9		MD0290	08	MYA05A	01	1	TQ2	B2		11A			
15739	XA408	21								16B	9		MYA06A	03	MYA06A	00	1	TQ2	B3		10B			
15726	XA408	22								16B	9		MYA04A	03	MYA04A	00	1	TQ2	B1		12A			
09402	XA408	23			XA408	26				16B	9		MD0290	09	MYA07A	01	1	TQ2	B4		11B			
09403	XA408	24								16B	9		MYA040X	02	MYA04A	01	2	TQ2	B1		13A			
09404	XA408	25								16B	9		MYA070X	02	MYA07A	01	2	TQ2	B4		12B			
13896	XA408	26								16B	9		MD0290	10	MYA04A	01	1	TQ2	B1		14A			
05405	XA408	27			XA410	25				16B	9		MYA07A	02	MYA07A	00	1	TQ2	B4		13B			
00541	XA408	28											+5V	01				TQ2						
13897	XA408	29			XA408	35				16B	9		MD0310	03	MYA10A	01	1	TQ2	C3		14B			
09406	XA408	30								16B	9		MYA09A	03	MYA09A	00	1	TQ2	C2		15A			
09407	XA408	31								16B	9		MYA100X	02	MYA10A	01	2	TQ2	C3		15B			
15140	XA408	32											GND		GROUND			TQ2			20B			
15716	XA408	33								16B	9		MYA10A	03	MYA10A	00	1	TQ2	C3		16B			
15133	XA408	34								16B	9		MYA090X	02	MYA09A	01	2	TQ2	C2		16A			
09408	XA408	35			XA408	36				16B	9		MD0310	04	MYA11A	01	1	TQ2	C4		17B			
17552	XA408	36			XA408	41				16B	9		MD0310	05	MYA09A	01	1	TQ2	C2		17A			
13895	XA408	37								16B	9		MYA110X	02	MYA11A	01	2	TQ2	C4		18B			
09409	XA408	38								16B	9		MYA08A	03	MYA08A	00	1	TQ2	C1		18A			
15736	XA408	39								16B	9		MYA11A	03	MYA11A	00	1	TQ2	C4		19B			
09410	XA408	40								16B	9		MYA080X	02	MYA08A	01	2	TQ2	C1		19A			
09411	XA408	41			XA408	42				16B	9		MD0310	06	MYA14A	01	1	TQ2	D3		22B			
09412	XA408	42			XA408	47				16B	9		MD0310	07	MYA08A	01	1	TQ2	C1		20A			
09413	XA408	43								16B	9		MYA140X	02	MYA14A	01	2	TQ2	D3		23B			
11433	XA408	44											GND	01	GROUND			TQ2			21B			
09414	XA408	45								16B	9		MYA14A	05	MYA14A	00	1	TQ2	D3		24B			
09415	XA408	46								16B	9		MYA13A	05	MYA13A	00	1	TQ2	D2		21A			
09416	XA408	47			XA408	50				16B	9		MD0310	08	MYA15A	01	1	TQ2	D4		25B			
09417	XA408	48								16B	9		MYA130X	02	MYA13A	01	2	TQ2	D2		22A			
09418	XA408	49								16B	9		MYA150X	02	MYA15A	01	2	TQ2	D4		26B			
09419	XA408	50			XA408	56				16B	9		MD0310	09	MYA13A	01	1	TQ2	D2		23A			
09420	XA408	51								16B	9		MYA15A	05	MYA15A	00	1	TQ2	D4		27B			
15136	XA408	52			XA511	05				16B	9		MYA12A	01	MYA12A	00	1	TQ2	D1		24A	YIOPB3 BUSS		
09421	XA408	53			XA408	59				16B	9		SPI042	02		00	1	TQ2	E3		28B			
09422	XA408	54								16B	9		MYA120X	02	MYA12A	01	2	TQ2	D1		25A			
09423	XA408	55			XA408	61				16B	9		SPI043	01		01	2	TQ2	E3		29B			
00255	XA408	56								16B	9		MD0310	10	MYA12A	01	1	TQ2	D1		26A			
09424	XA408	57											SPO	01		00	1	TQ2	E3		30B			
11434	XA408	58											GND	01	GROUND			TQ2			27A			
09425	XA408	59			XA408	65				16B	9		SPI042	03		01	1	TQ2	E4		31B			
09426	XA408	60								16B	9		MYSN10	02	MYSN10	00	1	TQ2	E2		28A			
09427	XA408	61			XA408	68				16B	9		SPI043	02		01	2	TQ2	E4		32B			
09428	XA408	62								16B	9		MC070A	02	MYSN10	01	2	TQ2	E2		29A			
09429	XA408	63											SPO	01		00	1	TQ2	E4		33B			
00730	XA408	64								16B	9		MC062A	02	MYSN10	01	1	TQ2	E2		30A			
09430	XA408	65			XA408	70				16B	9		SPI042	04		01	1	TQ2	F3		34B			
09431	XA408	66			XA506	06				16B	9		MYSTBA	05	MYSTBA	00	1	TQ2	E1		31A			
CONNECTOR (XA408) CONTINUED ON THE NEXT PAGE ****																								

DRAWING NUMBER 149012-880 CONNECTOR UNIT ASSEMBLY NO. 149012 REV E INDEX XA408
 UNIT ASSEMBLY NAME CARD CAGE ASSY,CPU L.H. FILE IDENT T39B2CP1 DATE 09-03-82 PAGE 282

RECORD NUMBER	FROM				TO				WIRE				SIGNAL	SEQ NO	EQUATION	TERM	FACTOR	CKT OR CHIP TYPE	OHM	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	IDENT											
11435		XA408	67										GND	01	GROUND			TQ2			40A		
09432		XA408	68		XA408	71				16B	9		SPI043	03	MYSTBA	01	2	TQ2	E1		32A		
09433		XA408	69										SPO	01				TQ2	F3		35A		
09434		XA408	70		XA408	73				16B	9		SPI042	05	MYSTBA	01	1	TQ2	E1		33A		
09435		XA408	71		XA408	74				16B	9		SPI043	04				TQ2	F2		36A		
09436		XA408	72										SPO	01				TQ2	F2		34A		
09437		XA408	73		XA408	76				16B	9		SPI042	06				TQ2	F2		36B		
09438		XA408	74		XA408	77				16B	9		SPI043	05				TQ2	F3		35B		
16119		XA408	75										SPO	01				TQ2	F1		37B		
09439		XA408	76		XA408	79				16B	9		SPI042	07				TQ2	F4		37A		
09440		XA408	77		XA408	78				16B	9		SPI043	06				TQ2	F1		38B		
00169		XA408	78		XA404	78				16B	9		SPI043	07				TQ2	F4		38A		
09441		XA408	79							16B	9		SPI042	08				TQ2	F1		39B		
21312		XA408	80										SPO	03				TQ2	F4		39A		
17553		XA409	01										SPP	01									
14998		XA409	02										GND										
15000		XA409	03										SPP	01									
09442		XA409	04										SPP	01									
09443		XA409	05										SPP	01									
21866		XA409	06										SPP	01									
09444		XA409	07										SPP	01									
17554		XA409	08										SPP	01									
21971		XA409	09										SPP	01									
13553		XA409	10										SPP	01									
09445		XA409	11										SPP	01									
00542		XA409	12										+5V	01									
09446		XA409	13										SPP	01									
09447		XA409	14										SPP	01									
09448		XA409	15										SPP	01									
22701		XA409	16										GND										
13627		XA409	17										SPP	01									
17555		XA409	18										SPP	01									
17556		XA409	19										SPP	01									
12685		XA409	20										SPP	01									
21864		XA409	21										SPP	03									
21184		XA409	22										SPP	01									
09449		XA409	23										SPP	01									
09450		XA409	24										SPP	01									
09451		XA409	25										SPP	01									
17562		XA409	26										SPP	01									
09452		XA409	27										SPP	01									
00543		XA409	28										+5V	01									
17563		XA409	29										SPP	01									
09453		XA409	30										SPP	01									
09454		XA409	31										SPP	01									
11436		XA409	32										GND	01									
21185		XA409	33										SPP	01									
21186		XA409	34										SPP	01									
CONNECTOR		XA409	CONTINUED ON THE NEXT PAGE ****																				

DRAWING NUMBER 149012-880 CONNECTOR UNIT ASSEMBLY NO. 149012 REV E INDEX XA409
 UNIT ASSEMBLY NAME CARD CAGE ASSY,CPU L.H. FILE IDENT T39B2CP1 DATE 09-03-82 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	PIN	PREFIX	CONNECTOR	PIN	WIRE	GROUP	CODE	COLOR											
09455		XA409	35									DNW	01								
17564		XA409	36									SPP	01								
17565		XA409	37									SPP	01								
09456		XA409	38									SPP	01								
12735		XA409	39									SPP	01								
09457		XA409	40									SPP	01								
09458		XA409	41									SPP	01								
09459		XA409	42									SPP	01								
09460		XA409	43									SPP	01								
11437		XA409	44									GND	01								
09461		XA409	45									SPP	01								
09462		XA409	46									SPP	01								
09463		XA409	47									SPP	01								
09464		XA409	48									SPP	01								
09465		XA409	49									SPP	01								
09466		XA409	50									SPP	01								
09467		XA409	51									SPP	01								
21996		XA409	52									SPP	01								
09468		XA409	53									SPP	01								
09469		XA409	54									SPP	01								
09470		XA409	55									SPP	01								
00256		XA409	56									SPP	01								
09471		XA409	57									SPP	01								
22702		XA409	58									GND	01								
09472		XA409	59									SPP	01								
09473		XA409	60									SPP	01								
09474		XA409	61									SPP	01								
09475		XA409	62									SPP	01								
09476		XA409	63									SPP	01								
00731		XA409	64									SPP	06								
09477		XA409	65									SPP	01								
09478		XA409	66									SPP	01								
22703		XA409	67									GND	01								
09479		XA409	68									SPP	01								
09480		XA409	69									SPP	01								
09481		XA409	70									SPP	01								
09482		XA409	71									SPP	01								
09483		XA409	72									SPP	01								
09484		XA409	73									SPP	01								
09485		XA409	74									SPP	01								
16120		XA409	75									SPP	01								
09486		XA409	76									SPP	01								
09487		XA409	77									SPP	01								
00170		XA409	78									SPP	01								
09488		XA409	79									SPP	01								
21314		XA409	80									SPP	01								
15651		XA410	01		XA316	74			16B	9		MYA010	01	MYA010	00	1	TQ2	A2		02B	
21359		XA410	02									GND		GROUND			TQ2			01A	
CONNECTOR (XA410) CONTINUED ON THE NEXT PAGE ****																					

DRAWING NUMBER 149012-880 CONNECTOR UNIT ASSEMBLY NO. 149012 REV E INDEX XA410
 UNIT ASSEMBLY NAME CARD CAGE ASSY,CPU L.H. FILE IDENT T39B2CP1 DATE 09-03-82 PAGE 284

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	PREFIX	CONNECTOR	PIN	SH 10	MULTI GROUP	CODE	COLOR												
16915		XA410	03		XA410	05			16B	9		SPA078	02	MYA020	01	1	TQ2	A3		02A		
15644		XA410	04		XA408	01			16B	9		MYA01A	02	MYA010	01	1	TQ2	A2		04A		
16916		XA410	05		XA410	10			16B	9		SPA078	03	MYA010	01	2	TQ2	A2		03B		
15641		XA410	06		XA316	78			16B	9		MYA000	01	MYA000	00	1	TQ2	A1		05A		
15654		XA410	07		XA408	09			16B	9		MYA02A	02	MYA020	01	2	TQ2	A3		03A		
15634		XA410	08		XA408	06			16B	9		MYA00A	02	MYA000	01	2	TQ2	A1		06A		
15661		XA410	09		XA316	73			16B	9		MYA020	01	MYA020	00	1	TQ2	A3		04B		
16917		XA410	10		XA410	11			16B	9		SPA078	04	MYA000	01	1	TQ2	A1		07A		
16918		XA410	11		XA410	17			16B	9		SPA078	05	MYA030	01	1	TQ2	A4		05B		
00544		XA410	12									+5V	01				TQ2					
15664		XA410	13		XA408	15			16B	9		MYA03A	02	MYA030	01	2	TQ2	A4		06B		
15691		XA410	14		XA316	55			16B	9		MYA050	01	MYA050	00	1	TQ2	B2		09A		
15671		XA410	15		XA316	77			16B	9		MYA030	01	MYA030	00	1	TQ2	A4		07B		
22704		XA410	16									GND		GROUND			TQ2			01B		
16919		XA410	17		XA410	18			16B	9		SPA078	06	MYA060	01	1	TQ2	B3		08B		
16920		XA410	18		XA410	23			16B	9		SPA078	07	MYA050	01	2	TQ2	B2		10A		
15694		XA410	19		XA408	21			16B	9		MYA06A	02	MYA060	01	2	TQ2	B3		09B		
15684		XA410	20		XA408	14			16B	9		MYA05A	02	MYA050	01	1	TQ2	B2		11A		
15701		XA410	21		XA316	64			16B	9		MYA060	01	MYA060	00	1	TQ2	B3		10B		
15681		XA410	22		XA316	61			16B	9		MYA040	01	MYA040	00	1	TQ2	B1		12A		
16921		XA410	23		XA410	26			16B	9		SPA078	08	MYA070	01	1	TQ2	B4		11B		
15674		XA410	24		XA408	22			16B	9		MYA04A	02	MYA040	01	2	TQ2	B1		13A		
15705		XA410	25		XA418	43			16B	9		MYA07A	03	MYA070	01	2	TQ2	B4		12B		
16922		XA410	26		XA410	31			16B	9		SPA078	09	MYA040	01	1	TQ2	B1		14A		
15712		XA410	27		XA316	70			16B	9		MYA070	01	MYA070	00	1	TQ2	B4		13B		
00545		XA410	28									+5V	01				TQ2					
15735		XA410	29		XA408	33			16B	9		MYA10A	02	MYA100	01	1	TQ2	C3		14B		
15732		XA410	30		XA326	74			16B	9		MYA090	01	MYA090	00	1	TQ2	C2		15A		
16923		XA410	31		XA410	77			16B	9		SPA078	10	MYA100	01	2	TQ2	C3		15B		
22705		XA410	32									GND		GROUND			TQ2			20B		
15742		XA410	33		XA326	73			16B	9		MYA100	01	MYA100	00	1	TQ2	C3		16B		
15725		XA410	34		XA408	30			16B	9		MYA09A	02	MYA090	01	2	TQ2	C2		16A		
17816		XA410	35		XA410	53			16B	9		SPI026	02		01	1	TQ2	C4		17B		
16924		XA410	36		XA410	79			16B	9		SPA079	05	MYA090	01	1	TQ2	C2		17A		
17832		XA410	37		XA410	55			16B	9		SPI027	02		01	2	TQ2	C4		18B		
15722		XA410	38		XA326	78			16B	9		MYA080	01	MYA080	00	1	TQ2	C1		18A		
21187		XA410	39									SPO	01		00	1	TQ2	C4		19B	PUO-PRIME:PUA=SEC	
15715		XA410	40		XA408	38			16B	9		MYA08A	02	MYA080	01	2	TQ2	C1		19A		
17805		XA410	41		XA410	49			16B	9		MD2800	10	MD287A	01	1	TQ2	D3		22B		
16926		XA410	42		XA410	73			16B	9		SPA079	02	MYA080	01	1	TQ2	C1		20A		
17817		XA410	43						16B	9		CCM0D0	02	MD287A	01	2	TQ2	D3		23B		
17168		XA410	44									GND		GROUND			TQ2			21B		
21188		XA410	45		XA419	08			16B	9		MD287A	01	MD287A	00	1	TQ2	D3		24B		
21189		XA410	46									SPO	01		00	1	TQ2	D2		21A		
17818		XA410	47						16B	9		CCM0DA	02	MD288A	01	1	TQ2	D4		25B		
17794		XA410	48		XA410	54			16B	9		SPI024	02		01	1	TQ2	D2		22A		
17825		XA410	49						16B	9		MD2800	11	MD288A	01	2	TQ2	D4		26B		
17806		XA410	50		XA410	56			16B	9		SPI025	03		01	2	TQ2	D2		23A		
21190		XA410	51		XA529	73			16B	9		MD288A	01	MD288A	00	1	TQ2	D4		27B		
21191		XA410	52									SPO	01		00	1	TQ2	D1		24A		
CONNECTOR (XA410) CCNTINUED ON THE NEXT PAGE ****																						

DRAWING NUMBER 149012-880 CONNECTOR UNIT ASSEMBLY NO. 149012 REV E INDEX XA410
 UNIT ASSEMBLY NAME CARD CAGE ASSY,CPU L.H. FILE IDENT T39B2CP1 DATE 09-03-82 PAGE 285

RECORD NUMBER	FROM				TO				WIRE				SFC INST MISC	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	SH OR	PREFIX	CONNECTOR	PIN	SH OR	MULTI GROUP	CODE	COLOR	IDENT												
17819		XA410	53			XA410	62			168	9		SPI026	05		01	1	TQ2	E3		28B		E03	
17795		XA410	54			XA412	68			168	9		SPI024	03		01	1	TQ2	D1		29A		E03	
17826		XA410	55			XA410	61			168	9		SPI027	03		01	2	TQ2	E3		29B			
17807		XA410	56			XA412	72			168	9		SPI025	04		01	2	TQ2	D1		26A		E03	
21192		XA410	57										SPO	01		00	1	TQ2	E3		30B			
22706		XA410	58									GND		GROUND				TQ2			27A			
17820		XA410	59			XA412	57			168	9		MB003A	01	MB0030	01	1	TQ2	E4		31B		E03	
21193		XA410	60									SPO	01			00	1	TQ2	E2		28A			
17827		XA410	61			XA410	64			168	9		SPI027	04	MB0030	01	2	TQ2	E4		32B		E03	
17821		XA410	62			XA412	73			168	9		SPI026	07		01	1	TQ2	E2		29A			
21194		XA410	63			XA425	75			168	9		MB0030	01	MB0030	00	1	TQ2	E4		33B		E03	
17828		XA410	64			XA412	74			168	9		SPI027	05		01	2	TQ2	E2		30A		C02	
05792		XA410	65			XA410	71			168	9		CL0CMB	14	CMCP7A	01	1	TQ2	F3		34B			
12686		XA410	66							168	9		JMTSC0	02	JMTSC0	00		TQ2	E1		31A			
22707		XA410	67									GND		GROUND				TQ2			40A			
23457		XA410	67			XA108	16		AA	1E8	0		WDDDJG	01				TQ2			40A		C02	
12682		XA410	68			XA311	66			168	9		JMTSCB	02	JMTSC0	01	1	TQ2	E1		32A		B03	
06184		XA410	69			XA410	72			168	9		CMCP7A	10	CMCPMB	03	1	TQ2	F3		35A			
06206		XA410	69									J	CMCP7A	01	CMCP7A	00	1	TQ2	F3		35A	CMCPMB BUSS		
17829		XA410	70			XA107	14		AA	1E8	9		WDDJJA	00	JMTSC0	01	2	TQ2	E1		33A		C02	
05804		XA410	71			XA532	14			168	9		CL0CMB	15	CMCP6A	01	2	TQ2	F2		36A			
06185		XA410	72			XA411	70			168	9		P	CMCP6A	11	CMCPMB	02	1	TQ2	F2		34A		
06205		XA410	72									J	CMCP6A	01	CMCP6A	00	1	TQ2	F2		34A	CMCPMB BUSS		
16927		XA410	73			XA410	74			168	9		SPA079	03	CMCP6A	01	1	TQ2	F2		36B			
16928		XA410	74			XA410	36			168	9		SPA079	04	CMCP7A	01	2	TQ2	F3		35B			
13626		XA410	75									SPO	01		00	1	TQ2	F1			37B			
17215		XA410	76			XA433	08			168	9		SPA104	02		01	1	TQ2	F4		37A			
16929		XA410	77							168	9		SPA078	11		01	2	TQ2	F1		38B			
17225		XA410	78			XA451	34			168	9		SPA105	02		01	2	TQ2	F4		38A			
16930		XA410	79			XA411	17			168	9		SPA079	06		01	1	TQ2	F1		39B			
13628		XA410	80									SPO	01		00	1	TQ2	F4			39A			
06175		XA411	01			XA411	10			168	9		CMCPMB	01	CMM1BN	01	1	TDD	BN		02B	GATED CLOCK- G AN		
22708		XA411	02									GND		GROUND				TDD			01B			
21109		XA411	03							168	9		UCMM1B	03	CMM1BQ	01	1	TDD	BQ		02A			
06120		XA411	04			XA402	73			168	9		CMCLMB	18	CMM1BP	01	1	TDD	BP		04A	CLEAR MOP REG- G		
06382		XA411	05							168	9		CMM190	02	CMM1BI	01	1	TDD	BI		03B			
06119		XA411	06			XA411	04			168	9		CMCLMB	17	CMM0BP	01	1	TDD	AP		05A	CLEAR MOP REG- G		
06378		XA411	07							168	9		CMM1BQ	07	CMM1BQ	00	1	TDD	BQ		03A			
06366		XA411	08			XA532	77			168	9		CMM090	02	CMM0BI	01	1	TDD	AI		06A			
06371		XA411	09							168	9		CMM1BP	04	CMM1BP	00	1	TDD	BP		04B			
06176		XA411	10			XA411	14			168	9		CMCPMB	02	CMM0BN	01	1	TDD	AN		07A	GATED CLOCK- G AN		
06326		XA411	11			XA529	78			168	9		CMM0BP	02	CMM0BP	00	1	TDD	AP		05B			
00546		XA411	12									+5V	01					TDD						
06338		XA411	13			XA412	75			168	9		CMM0BQ	08	CMM09Q	00	1	TDD	AQ		06B			
06177		XA411	14			XA411	26			168	9		CMCPMB	03	CMM3BN	01	1	TDD	DN		09A	GATED CLOCK- G AN		
21101		XA411	15			XA532	80			168	9		UCMM0B	03	CMM0BQ	01	1	TDD	AQ		07B			
11438		XA411	16									GND	01	GROUND				TDD			20B			
16931		XA411	17			XA411	39			168	9		SPA079	07	CMM3BQ	01	1	TDD	OQ		08B			
CONNECTOR (XA411) CONTINUED ON THE NEXT PAGE ****																								

DRAWING NUMBER 149012-880 CONNECTOR UNIT ASSEMBLY NO. 149012 REV E INDEX XA411
 UNIT ASSEMBLY NAME CARD CAGE ASSY,CPU L.H. FILE IDENT T39B2CP1 DATE 09-03-82 PAGE 286

RECORD NUMBER	FROM			TO			WIRE				SIGNAL	SEQ NO	EQUATION	TURN	FACTOR	CKT OR CHIP TYPE	GND	LOAD OR POWER PLANE	TEST POINTS AND OR	SIGNAL DESCRIPTION	ECO NO
	PREFIX	CONNECTOR	PIN	PREFIX	CONNECTOR	PIN	SH FTG	MULTI GROUP	CODE	COLOR											
06407		XA411	18					168	9			CMM390	02	CMM3BI	01	1	TDD	DI	10A		
06403		XA411	19					168	9			CMM3BQ	02	CMM3BQ	00	1	TDD	DQ	09B		
06102		XA411	20					168	9			CMCLMA	04	CMM3BP	01	1	TDD	DP	11A		
21195		XA411	21								M	CMM3BP	01	CMM3BP	00	1	TDD	DP	10B		
06101		XA411	22		XA411	20		168	9			CMCLMA	03	CMM2BP	01	1	TDD	CP	12A		
06387		XA411	23					168	9			CMM2BP	03	CMM2BP	00	1	TDD	CP	11B		
06399		XA411	24					168	9			CMM290	02	CMM2BI	01	1	TDD	CI	13A		
06395		XA411	25					168	9			CMM28Q	08	CMM2BQ	00	1	TDD	CQ	12B		
06178		XA411	26		XA411	30		168	9			CMCPMB	04	CMM2BN	01	1	TDD	CN	14A	GATED CLOCK- G AN	
21114		XA411	27					168	9			UCMM2B	03	CMM2BQ	01	1	TDD	CQ	13B		
00547		XA411	28									+5V	01				TDD				
21119		XA411	29					168	9			UCMM5B	03	CMM5BQ	01	1	TDD	FQ	14B		
06179		XA411	30		XA411	42		168	9			CMCPMB	05	CMM5BN	01	1	TDD	FN	15A	GATED CLOCK- G AN	
06433		XA411	31					168	9			CMM5BQ	09	CMM5BQ	00	1	TDD	FQ	15B		
06363		XA411	32									GND		GROUND			TDD		21B		
06418		XA411	33		XA412	37		168	9			CMM5BP	02	CMM5BP	00	1	TDD	FP	16B		
06437		XA411	34					168	9			CMM590	02	CMM5BI	01	1	TDD	FI	16A		
21196		XA411	35								M	CMM4BP	01	CMM4BP	00	1	TDD	EP	17B		
06118		XA411	36		XA411	06		168	9			CMCLMB	16	CMM5BP	01	1	TDD	FP	17A	CLEAR MOP REG- G	
06412		XA411	37					168	9			CMM4BQ	03	CMM4BQ	00	1	TDD	EQ	18B		
06100		XA411	38		XA411	22		168	9			CMCLMA	02	CMM4BP	01	1	TDD	EP	18A		
16932		XA411	39		XA413	64		168	9			SPA079	08	CMM4BQ	01	1	TDD	EQ	19B		
06416		XA411	40					168	9			CMM490	02	CMM4BI	01	1	TDD	EI	19A		
21124		XA411	41					168	9			UCMM7B	03	CMM7BQ	01	1	TDD	HQ	22B		
06180		XA411	42		XA411	46		168	9			CMCPMB	06	CMM4BN	01	1	TDD	EN	20A	GATED CLOCK- G AN	
06469		XA411	43		XA413	31		168	9			CMM7BQ	03	CMM7BQ	00	1	TDD	HQ	23B		
11439		XA411	44									GND	01	GROUND			TDD		27A		
06466		XA411	45					168	9			CMM7BP	08	CMM7BP	00	1	TDD	HP	24B		
06181		XA411	46		XA411	56		168	9			CMCPMB	07	CMM7BN	01	1	TDD	HN	21A	GATED CLOCK- G AN	
06445		XA411	47					168	9			CMM6BP	08	CMM6BP	00	1	TDD	GP	25B		
06479		XA411	48					168	9			CMM790	02	CMM7BI	01	1	TDD	HI	22A		
06454		XA411	49					168	9			CMM6BQ	09	CMM6BQ	00	1	TDD	GQ	26B		
06117		XA411	50		XA411	36		168	9			CMCLMB	15	CMM7BP	01	1	TDD	HP	23A	CLEAR MOP REG- G	
16940		XA411	51		XA412	50		168	9			SPA080	02	CMM6BQ	01	1	TDD	GQ	27B		
06116		XA411	52		XA411	50		168	9			CMCLMB	14	CMM6BP	01	1	TDD	GP	24A	CLEAR MOP REG- G	
21130		XA411	53					168	9			UCMN0B	03	CMM0BQ	01	1	TDD	KQ	28B		
06458		XA411	54					168	9			CMM690	02	CMM6BI	01	1	TDD	GI	25A		
06509		XA411	55					168	9			CMM0BQ	05	CMM0BQ	00	1	TDD	KQ	29B		
06182		XA411	56		XA411	60		168	9			CMCPMB	08	CMM6BN	01	1	TDD	GN	26A	GATED CLOCK- G AN	
06504		XA411	57					168	9			CMM0BP	04	CMM0BP	00	1	TDD	KP	30B		
11440		XA411	58									GND	01	GROUND			TDD		40A		
06487		XA411	59					168	9			CMM8BP	08	CMM8BP	00	1	TDD	JP	31B		
06183		XA411	60		XA410	69		168	9			CMCPMB	09	CMM0BN	01	1	TDD	KN	28A	GATED CLOCK- G AN	
06496		XA411	61					168	9			CMM8BQ	09	CMM8BQ	00	1	TDD	JQ	32B		
06513		XA411	62					168	9			CMM090	02	CMM0BI	01	1	TDD	KI	29A		
21127		XA411	63					168	9			UCMM8B	03	CMM8BQ	01	1	TDD	JQ	33B		
06115		XA411	64		XA411	52		168	9			CMCLMB	13	CMM0BP	01	1	TDD	KP	30A	CLEAR MOP REG- G	
21140		XA411	65					168	9			UCMN2B	03	CMM2BQ	01	1	TDD	MQ	34B		
06114		XA411	66		XA411	64		168	9			CMCLMB	12	CMM8BP	01	1	TDD	JP	31A	CLEAR MOP REG- G	
22709		XA411	67									GND		GROUND			TDD		40B		
CONNECTOR XA411 CONTINUED ON THE NEXT PAGE ****																					

DRAWING NUMBER 149012-880 CONNECTOR UNIT ASSEMBLY NO. 149012 REV E INDEX XA411
 UNIT ASSEMBLY NAME CARD CAGE ASSY,CPU L.H. FILE IDENT T39B2CP1 DATE 09-03-82 PAGE 287

RECORD NUMBER	FROM			TO			WIRE				SFC INEC	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	SH/IC	MULTI GROUP	CODE	COLOR												
06500	XA411	68						16B	9			CM4890	02	CM4881	01	1	TDD	JI		32A		
06530	XA411	69						16B	9			CMN2BP	04	CMN2BP	00	1	TDD	MP		35A		
06186	XA411	70		XA411	72			16B	9			CMCPMB	12	CM488N	01	1	TDD	JN		33A	GATED CLOCK- G AN	
06539	XA411	71						16B	9			CMN290	02	CMN2BI	01	1	TDD	MI		36A		
06187	XA411	72		XA411	79			16B	9			CMCPMB	13	CMN2BN	01	1	TDD	MN		34A	GATED CLOCK- G AN	
06113	XA411	73		XA411	66			16B	9			CMCLMB	11	CMN2BP	01	1	TDD	MP		36B	CLEAR MOP REG- G	
06535	XA411	74		XA412	60			16B	9			CMN2BQ	05	CMN2BQ	00	1	TDD	MQ		35B		
06112	XA411	75		XA411	73			16B	9			CMCLMB	10	CMN1BP	01	1	TDD	LP		37B	CLEAR MOP REG- G	
06517	XA411	76						16B	9			CMN1BP	04	CMN1BP	00	1	TDD	LP		37A		
06526	XA411	77						16B	9			CMN190	02	CMN1BI	01	1	TDD	LI		38B		
06522	XA411	78		XA412	62			16B	9			CMN1BQ	05	CMN1BQ	00	1	TDD	LQ		38A		
06188	XA411	79		XA532	79			16B	9			CMCPMB	14	CMN1BN	01	1	TDD	LN		39B	GATED CLOCK- G AN	
21135	XA411	80						16B	9			UCMN1B	03	CMN1BQ	01	1	TDD	LQ		39A		
06424	XA412	01						16B	9			CM45BP	08	MD001A	01	3	TD4	A2		02B		
11441	XA412	02										GND	01	GROUND			TD4			01A		
09489	XA412	03										DNW	01				TD4					
06439	XA412	04		XA412	06			16B	9			CM46BP	02	MD001A	01	1	TD4	A2		04A		
06475	XA412	05						16B	9			CM47BQ	09	MD001A	01	2	TD4	A2		03B		
06440	XA412	06		XA413	13			16B	9			CM46BP	03	MD000A	01	3	TD4	A1		05A		
06481	XA412	07		XA412	14			16B	9			CM48BP	02	MD001A	01	4	TD4	A2		03A		
06423	XA412	08		XA412	01			16B	9			CM45BP	07	MD000A	01	2	TD4	A1		06A		
13672	XA412	09						16B	9			MD001A	06	MD001A	00	1	TD4	A2		04B	(DBL-MDL)*	
06489	XA412	10		XA412	22			16B	9			CM48BQ	02	MD000A	01	1	TD4	A1		07A		
13664	XA412	11						16B	9			MD000A	10	MD000A	00	1	TD4	A1		05B	(DB-MD)*	
00548	XA412	12										+5V	01				TD4					
06459	XA412	13		XA413	10			16B	9			CM47BP	01	MD000A	01	4	TD4	A1		06B		
06482	XA412	14		XA413	20			16B	9			CM48BP	03	MD000A	01	3	TD4	B2		09A		
09490	XA412	15										DNW	01				TD4					
06401	XA412	16										GND		GROUND			TD4			20B		
09491	XA412	17										DNW	01				TD4					
06446	XA412	18		XA413	18			16B	9			CM46BQ	01	MD000A	01	2	TD4	B2		10A		
06422	XA412	19		XA412	08			16B	9			CM45BP	06	MD000A	01	4	TD4	B2		09B		
06462	XA412	20		XA413	46			16B	9			CM47BP	04	MD000A	01	1	TD4	B2		11A		
13686	XA412	21						16B	9			MD000A	04	MD000A	00	1	TD4	B2		10B	(DBLL-MDLL)*	
06490	XA412	22		XA413	26			16B	9			CM48BQ	03	MD000A	01	3	TD4	B1		12A		
13680	XA412	23						16B	9			MD000A	03	MD000A	00	1	TD4	B1		11B	(DBL-MDU)*	
06443	XA412	24		XA413	43			16B	9			CM46BP	06	MD000A	01	2	TD4	B1		13A		
06421	XA412	25		XA412	19			16B	9			CM45BP	05	MD000A	01	4	TD4	B1		12B		
06472	XA412	26		XA413	25			16B	9			CM47BQ	06	MD000A	01	1	TD4	B1		14A		
09492	XA412	27										DNW	01				TD4					
00549	XA412	28										+5V	01				TD4					
09493	XA412	29										DNW	01				TD4					
06471	XA412	30		XA412	26			16B	9			CM47BQ	05	MD000A	01	3	TD4	C2		15A		
06420	XA412	31		XA412	25			16B	9			CM45BP	04	MD000A	01	4	TD4	C2		15B		
06409	XA412	32										GND		GROUND			TD4			21B		
13698	XA412	33						16B	9			MD000A	04	MD000A	00	1	TD4	C2		16B	(DBLL-MDL)*	
06484	XA412	34		XA413	30			16B	9			CM48BP	05	MD000A	01	2	TD4	C2		16A		
13692	XA412	35						16B	9			MD000A	04	MD000A	00	1	TD4	C1		17B	(DBLL-MDL)*	
CONNECTOR (XA412) CONTINUED ON THE NEXT PAGE ****																						

DRAWING NUMBER 149012-880 CONNECTOR UNIT ASSEMBLY NO. 149012 REV E INDEX XA412
 UNIT ASSEMBLY NAME CARD CAGE ASSY,CPU L.H. FILE IDENT T39B2CP1 DATE 09-03-82 PAGE 288

RECORD NUMBER	FROM			SH FG	TO			SH FG	WIRE				SPEC INST WIRE	SIGNAL	SEQ NO	EQUATION	TRM	FACTOR	CKT OR CHIP TYPE	GROUP	LOAD CP POINT PLANE	TEST POINTS AND OR	SIGNAL DESCRIPTION	ECO NO
	PREFIX	CONNECTOR	PIN		PREFIX	CONNECTOR	PIN		MULTI GROUP	CODE	COLOR	IDENT												
06449		XA412	36		XA412	38			16B	9			CMM6BQ	04	MD005A	01	1	TD4	C2		17A			
06419		XA412	37		XA412	31			16B	9			CMM5BP	03	MD004A	01	4	TD4	C1		18B			
06450		XA412	38		XA413	37			16B	9			CMM6BQ	05	MD004A	01	3	TD4	C1		18A			
09494		XA412	39										DNW	01										
06465		XA412	40		XA411	45			16B	9			CMM7BP	07	MD004A	01	2	TD4	C1		19A			
09495		XA412	41										DNW	01										
06493		XA412	42		XA412	52			16B	9			CMM8BQ	06	MD004A	01	1	TD4	C1		20A			
13716		XA412	43						16B	9			MD008A	05	MD028J	01	4	TD4	D2		23B			
11442		XA412	44										GND	01	GROUND						27A			
13847		XA412	45		XA323	24			16B	9			MD0280	01	MD0280	00	1	TD4	D2		24B			
13718		XA412	46		XA413	09			16B	9			MD009A	02	MD0280	01	3	TD4	D2		21A			
13703		XA412	47		XA414	10			16B	9			MD006A	03	MD006A	00	1	TD4	D1		25B	(DBLL-MOUJ)*		
13737		XA412	48						16B	9			MD011A	02	MD0280	01	2	TD4	D2		22A			
06453		XA412	49		XA411	49			16B	9			CMM6BQ	08	MD006A	01	4	TD4	D1		26B			
16941		XA412	50		XA414	08			16B	9			SPA080	03	MD0280	01	1	TD4	D2		23A			
09496		XA412	51										DNW	01										
06494		XA412	52		XA413	49			16B	9			CMM8BQ	07	MD006A	01	3	TD4	D1		24A			
09497		XA412	53										DNW	01										
06468		XA412	54		XA411	43			16B	9			CMM7BQ	02	MD006A	01	2	TD4	D1		25A			
17771		XA412	55		XA412	61			16B	9			SPI022	01	MB003A	01	4	TD4	E2		29B	E03		
06417		XA412	56		XA411	33			16B	9			CMM5BP	01	MD006A	01	1	TD4	D1		26A			
21197		XA412	57						16B	9			MB003A	02	MB003A	00	1	TD4	E2		30B	E03		
11443		XA412	58										GND	01	GROUND						40A			
21198		XA412	59		XA425	40			16B	9			CMM0Q0	01	CMM0Q0	00	1	TD4	E1		31B	E03		
17782		XA412	60										CMM2BQ	06	MB003A	01	3	TD4	E2		28A	E03		
17772		XA412	61		XA413	61			16B	9			SPI022	02	CMM0Q0	01	4	TD4	E1		32B	E03		
17796		XA412	62										CMM1BQ	06	MB003A	01	2	TD4	E2		29A	E03		
09498		XA412	63										DNW	01										
17808		XA412	64		XA412	70			16B	9			CMM0CP	01	MB003A	01	1	TD4	E2		30A	E03		
09499		XA412	65										DNW	01										
17783		XA412	66		XA413	66			16B	9			SPI023	02	CMM0Q0	01	3	TD4	E1		31A	E03		
22710		XA412	67										GND		GROUND						40B			
17797		XA412	68		XA412	71			16B	9			SPI024	05	CMM0Q0	01	2	TD4	E1		32A	E03		
21199		XA412	69										SP0	01		00	1	TD4	F2		35A			
17809		XA412	70		XA532	76			16B	9			CMM0CP	02	CMM0Q0	01	1	TD4	E1		33A	E03		
17798		XA412	71		XA413	68			16B	9			SPI024	06		01	2	TD4	F2		36A			
17810		XA412	72		XA413	72			16B	9			SPI025	07		01	3	TD4	F2		34A			
17822		XA412	73		XA413	70			16B	9			SPI026	08		01	1	TD4	F2		36B			
17830		XA412	74		XA413	74			16B	9			SPI027	07		01	4	TD4	F2		35B			
17773		XA412	75						16B	9			CMM0BQ	09		01	3	TD4	F1		37B			
21200		XA412	76										SP0	01		00	1	TD4	F1		37A	B03		
17784		XA412	77						16B	9			SPI026	10		01	2	TD4	F1		38B	B03		
17799		XA412	78						16B	9			MK10BQ	06		01	4	TD4	F1		38A	B03		
17811		XA412	79						16B	9			SPA079	10		01	1	TD4	F1		39B	B03		
09500		XA412	80										DNW	01										
06425		XA413	01		XA413	08			16B	9			CMM5BQ	01	MD009A	01	3	TD4	A2		02B			
11444		XA413	02										GND	01	GROUND						01A			
09501		XA413	03										DNW	01										
CONNECTOR (XA413) CONTINUED ON THE NEXT PAGE ****																								

DRAWING NUMBER 149012-880 CONNECTOR UNIT ASSEMBLY NO. 149012 REV E INDEX XA413
 UNIT ASSEMBLY NAME CARD CAGE ASSY,CPU L.H. FILE IDENT T39B2CP1 DATE 09-03-82 PAGE 289

RECORD NUMBER	FROM			TO			WIRE				SFC INST MISC	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	SFC	PREFIX	CONNECTOR	PIN	DRFC	MULTI GROUP	CODE												COLOR
06474	XA413	04			XA412	05			16B	9			CMM7BQ	08	MD009A	01 1	TD4	A2		04A		
06480	XA413	05			XA412	07			16B	9			CMM8BP	01	MD009A	01 2	TD4	A2		03B		
06488	XA413	06			XA412	10			16B	9			CMM8BQ	01	MD008A	01 3	TD4	A1		05A		
06438	XA413	07			XA412	04			16B	9			CMM6BP	01	MD009A	01 4	TD4	A2		03A		
06426	XA413	08			XA413	14			16B	9			CMM5BQ	02	MD008A	01 2	TD4	A1		06A		
13719	XA413	09							16B	9			MD009A	03	MD009A	00 1	TD4	A2		04B	(MDL-DBL)*	
06460	XA413	10			XA413	19			16B	9			CMM7BP	02	MD008A	01 1	TD4	A1		07A		
13715	XA413	11			XA412	43			16B	9			MD008A	04	MD008A	00 1	TD4	A1		05B	(MD-DB)*	
00550	XA413	12											+5V	01			TD4					
06441	XA413	13			XA413	22			16B	9			CMM6BP	04	MD008A	01 4	TD4	A1		06B		
06427	XA413	14			XA413	24			16B	9			CMM5BQ	03	MD011A	01 3	TD4	B2		09A		
09502	XA413	15											DNW	01			TD4					
11445	XA413	16											GND	01	GROUND		TD4				20B	
09503	XA413	17											DNW	01			TD4					
06447	XA413	18			XA413	34			16B	9			CMM6BQ	02	MD011A	01 2	TD4	B2		10A		
06461	XA413	19			XA412	20			16B	9			CMM7BP	03	MD011A	01 4	TD4	B2		09B		
06483	XA413	20			XA412	34			16B	9			CMM8BP	04	MD011A	01 1	TD4	B2		11A		
13736	XA413	21			XA412	48			16B	9			MD011A	01	MD011A	00 1	TD4	B2		10B	(MDLL-DBLL)*	
06442	XA413	22			XA412	24			16B	9			CMM6BP	05	MD010A	01 3	TD4	B1		12A		
13734	XA413	23			XA416	69			16B	9			MD010A	02	MD010A	00 1	TD4	B1		11B	(MDU-DBL)*	
06428	XA413	24			XA413	36			16B	9			CMM5BQ	04	MD010A	01 2	TD4	B1		13A		
06473	XA413	25			XA413	04			16B	9			CMM7BQ	07	MD010A	01 4	TD4	B1		12B		
06491	XA413	26			XA413	38			16B	9			CMM8BQ	04	MD010A	01 1	TD4	B1		14A		
09504	XA413	27											DNW	01			TD4					
00551	XA413	28											+5V	01			TD4					
09505	XA413	29											DNW	01			TD4					
06485	XA413	30			XA413	48			16B	9			CMM8BP	06	MD013A	01 3	TD4	C2		15A		
06470	XA413	31			XA412	30			16B	9			CMM7BQ	04	MD013A	01 4	TD4	C2		15B		
11446	XA413	32											GND	01	GROUND		TD4				21B	
13741	XA413	33							16B	9			MD013A	02	MD013A	00 1	TD4	C2		16B	(MDUL-DBLL)*	
06448	XA413	34			XA412	36			16B	9			CMM6BQ	03	MD013A	01 2	TD4	C2		16A		
13739	XA413	35							16B	9			MD012A	02	MD012A	00 1	TD4	C1		17B	(MDLU-DBLL)*	
06429	XA413	36			XA413	40			16B	9			CMM5BQ	05	MD013A	01 1	TD4	C2		17A		
06451	XA413	37			XA413	52			16B	9			CMM6BQ	06	MD012A	01 4	TD4	C1		18B		
06492	XA413	38			XA412	42			16B	9			CMM8BQ	05	MD012A	01 3	TD4	C1		18A		
09506	XA413	39											DNW	01			TD4					
06430	XA413	40			XA413	50			16B	9			CMM5BQ	06	MD012A	01 2	TD4	C1		19A		
09507	XA413	41											DNW	01			TD4					
06464	XA413	42			XA412	40			16B	9			CMM7BP	06	MD012A	01 1	TD4	C1		20A		
06444	XA413	43			XA411	47			16B	9			CMM6BP	07	MD007A	01 4	TD4	D2		23B		
11447	XA413	44											GND	01	GROUND		TD4				27A	
13710	XA413	45			XA416	78			16B	9			MD007A	04	MD007A	00 1	TD4	D2		24B	(MDU-DBU-DBL)*	
06463	XA413	46			XA413	42			16B	9			CMM7BP	05	MD007A	01 3	TD4	D2		21A		
13743	XA413	47							16B	9			MD014A	02	MD014A	00 1	TD4	D1		25B	(MDUU-DBLL)*	
06486	XA413	48			XA411	59			16B	9			CMM8BP	07	MD007A	01 2	TD4	D2		22A		
06495	XA413	49			XA411	61			16B	9			CMM8BQ	08	MD014A	01 4	TD4	D1		26B		
06431	XA413	50			XA413	54			16B	9			CMM5BQ	07	MD007A	01 1	TD4	D2		23A		
09508	XA413	51											DNW	01			TD4					
06452	XA413	52			XA412	49			16B	9			CMM6BQ	07	MD014A	01 3	TD4	D1		24A		
09509	XA413	53											DNW	01			TD4					
CONNECTOR (XA413) CONTINUED ON THE NEXT PAGE ****																						

DRAWING NUMBER 149012-880 CONNECTOR UNIT ASSEMBLY NO. 149012 REV E INDEX XA413
 UNIT ASSEMBLY NAME CARD CAGE ASSY,CPU L.H. FILE IDENT T39B2CP1 DATE 09-03-82 PAGE 290

RECORD NUMBER	FROM			TO			WIRE				SFC INST MISC	SIGNAL	SEQ NO	EQUATION	TERM	FACTOR	CKT OR CHIP TYPE	OHM*	LOAD OR POWER PLANE	TEST POINTS AND/OR	SIGNAL DESCRIPTION	ECO NO
	PREFIX	CONNECTOR	PIN	PREFIX	CONNECTOR	PIN	MULTI GROUP	CODE	COLOR	IDENT												
06432		XA413	54		XA411	31		168	9			CMM5BQ	08	MD014A	01	2	TD4	01		25A		
17774		XA413	55		XA417	65		168	9			MD0380	00	MD016A	01	1	TD4	E2		29B		
06467		XA413	56		XA412	54		168	9			CMM7BQ	01	MD014A	01	1	TD4	D1		26A		
21201		XA413	57					168	9			MD016A	04	MD016A	00	1	TD4	E2		30B		
11448		XA413	58									GND	01	GROUND			TD4			40A		
21202		XA413	59									SPO	01				TD4	E1		31B		
17785		XA413	60		XA514	57		168	9			URECVB	00	MD016A	01	2	TD4	E2		28A		
17775		XA413	61		XA413	75		168	9			SPI022	05				TD4	E1		32B		
17800		XA413	62					168	9			SPA075	11	MD016A	01	3	TD4	E2		29A		
09510		XA413	63									DNW	01				TD4					
17812		XA413	64		XA412	79		168	9			SPA079	09	MD016A	01	4	TD4	E2		30A	803	
09511		XA413	65									DNW	01				TD4					
17786		XA413	66		XA413	77		168	9			SPI023	05				TD4	E1		31A		
11449		XA413	67									GND	01	GROUND			TD4			40B		
17801		XA413	68		XA413	71		168	9			SPI024	09				TD4	E1		32A		
21203		XA413	69									SPO	01				TD4	F2		35A		
17823		XA413	70		XA412	77		168	9			SPI026	09				TD4	E1		33A		
17802		XA413	71		XA413	78		168	9			SPI024	10				TD4	F2		36A		
17813		XA413	72		XA413	79		168	9			SPI025	10				TD4	F2		34A		
17836		XA413	73		XA433	55		168	9			SPI029	01				TD4	F2		36B		
17831		XA413	74					168	9			SPI027	08				TD4	F2		35B		
17776		XA413	75		XA419	11		168	9			SPI022	06				TD4	F1		37B		
21204		XA413	76									SPO	01				TD4	F1		37A		
17787		XA413	77		XA419	10		168	9			SPI023	06				TD4	F1		38B		
17803		XA413	78					168	9			SPI024	11				TD4	F1		38A		
17814		XA413	79					168	9			SPI025	11				TD4	F1		39B		
09512		XA413	80									DNW	01				TD4					
14234		XA414	01					168	9			MD102A	02	MD102A	00	1	TQ2	A2		02B		
08321		XA414	02									GND		GROUND			TQ2			01A		
14038		XA414	03					168	9			MD0440	09	MD103A	01	1	TQ2	A3		02A		
08273		XA414	04		XA336	21		168	9			DB2540	05	MD102A	01	1	TQ2	A2		04A		
14037		XA414	05		XA414	03		168	9			MD0440	08	MD102A	01	2	TQ2	A2		03B		
13957		XA414	06					168	9			MD0370	09	MD0370	00	1	TQ2	A1		05A		
08327		XA414	07		XA336	14		168	9			DB26M0	05	MD103A	01	2	TQ2	A3		03A		
16942		XA414	08		XA417	79		168	9			SPA080	04	MD0370	01	2	TQ2	A1		06A		
14236		XA414	09					168	9			MD103A	02	MD103A	00	1	TQ2	A3		04B		
13704		XA414	10					168	9			MD006A	04	MD0370	01	1	TQ2	A1		07A		
08381		XA414	11		XA336	22		168	9			DB27M0	05	MD104A	01	1	TQ2	A4		05B		
00552		XA414	12									+5V	01				TQ2					
14036		XA414	13		XA414	05		168	9			MD0440	07	MD104A	01	2	TQ2	A4		06B		
14242		XA414	14					168	9			MD106A	02	MD106A	00	1	TQ2	B2		09A		
14238		XA414	15					168	9			MD104A	02	MD104A	00	1	TQ2	A4		07B		
08558		XA414	16									GND		GROUND			TQ2			01B		
14035		XA414	17		XA414	13		168	9			MD0440	06	MD107A	01	1	TQ2	B3		08B		
14034		XA414	18		XA414	17		168	9			MD0440	05	MD106A	01	2	TQ2	B2		10A		
08564		XA414	19		XA336	01		168	9			DB33M0	05	MD107A	01	2	TQ2	B3		09B		
08504		XA414	20		XA336	09		168	9			DB29M0	05	MD106A	01	1	TQ2	B2		11A		
14244		XA414	21					168	9			MD107A	02	MD107A	00	1	TQ2	B3		10B		
CONNECTOR (XA414) CONTINUED ON THE NEXT PAGE ****																						

DRAWING NUMBER 149012-880 CONNECTOR UNIT ASSEMBLY NO. 149012 REV E INDEX XA414
 UNIT ASSEMBLY NAME CARD CAGE ASSY,CPU L.H. FILE IDENT T39B2CP1 DATE 09-03-82 PAGE 291

RECORD NUMBER	FROM			WIRE	TO			MULTI GROUP	CODE	COLCR	IDENT	SPEC INSET	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																
14240		XA414	22						16B	9			MD105A	02	MD105A	00	1	TQ2	B1		12A		
14033		XA414	23		XA414	18			16B	9			MD0440	04	MD108A	01	1	TQ2	B4		11B		
14032		XA414	24		XA414	23			16B	9			MD0440	03	MD105A	01	2	TQ2	B1		13A		
08624		XA414	25		XA336	06			16B	9			DB31M0	05	MD108A	01	2	TQ2	B4		12B		
08444		XA414	26		XA336	15			16B	9			DB28M0	05	MD105A	01	1	TQ2	B1		14A		
14246		XA414	27						16B	9			MD108A	02	MD108A	00	1	TQ2	B4		13B		
00553		XA414	28										+5V	01				TQ2					
14029		XA414	29						16B	9			MD0430	09	MD087A	01	1	TQ2	C3		14B		
14178		XA414	30						16B	9			MD086A	02	MD086A	00	1	TQ2	C2		15A		
07864		XA414	31		XA417	24			16B	9			DB17M0	02	MD087A	01	2	TQ2	C3		15B		
08618		XA414	32										GND		GROUND			TQ2			20B		
14180		XA414	33						16B	9			MD087A	02	MD087A	00	1	TQ2	C3		16B		
14013		XA414	34		XA414	35			16B	9			MD0420	02	MD086A	01	2	TQ2	C2		16A		
14014		XA414	35		XA414	48			16B	9			MD0420	03	MD088A	01	1	TQ2	C4		17B		
08214		XA414	36		XA415	34			16B	9			DB24M0	02	MD086A	01	1	TQ2	C2		17A		
08270		XA414	37		XA415	35			16B	9			DB25M0	02	MD088A	01	2	TQ2	C4		18B		
14176		XA414	38						16B	9			MD085A	02	MD085A	00	1	TQ2	C1		18A		
14182		XA414	39						16B	9			MD088A	02	MD088A	00	1	TQ2	C4		19B		
14028		XA414	40		XA414	29			16B	9			MD0430	08	MD085A	01	2	TQ2	C1		19A		
14027		XA414	41		XA414	40			16B	9			MD0430	07	MD091A	01	1	TQ2	D3		22B		
07816		XA414	42		XA417	04			16B	9			DB16M0	02	MD085A	01	1	TQ2	C1		20A		
07960		XA414	43		XA417	31			16B	9			DB19M0	02	MD091A	01	2	TQ2	D3		23B		
11450		XA414	44										GND	01	GROUND			TQ2			21B		
14200		XA414	45						16B	9			MD091A	02	MD091A	00	1	TQ2	D3		24B		
14198		XA414	46						16B	9			MD090A	02	MD090A	00	1	TQ2	D2		21A		
14016		XA414	47		XA414	62			16B	9			MD0420	05	MD092A	01	1	TQ2	D4		25B		
14015		XA414	48		XA414	47			16B	9			MD0420	04	MD090A	01	2	TQ2	D2		22A		
08378		XA414	49		XA415	47			16B	9			DB27M0	02	MD092A	01	2	TQ2	D4		26B		
08324		XA414	50		XA415	48			16B	9			DB26M0	02	MD090A	01	1	TQ2	D2		23A		
14202		XA414	51						16B	9			MD092A	02	MD092A	00	1	TQ2	D4		27B		
14184		XA414	52						16B	9			MD089A	02	MD089A	00	1	TQ2	D1		24A		
08063		XA414	53		XA336	33			16B	9			DB21M0	03	MD095A	01	1	TQ2	E3		28B		
14026		XA414	54		XA414	41			16B	9			MD0430	06	MD089A	01	2	TQ2	D1		25A		
14025		XA414	55		XA414	54			16B	9			MD0430	05	MD095A	01	2	TQ2	E3		29B		
07912		XA414	56		XA417	25			16B	9			DB18M0	02	MD089A	01	1	TQ2	D1		26A		
14208		XA414	57						16B	9			MD095A	02	MD095A	00	1	TQ2	E3		30B		
08059		XA414	58										GND		GROUND			TQ2			27A		
08503		XA414	59		XA414	20			16B	9			DB29M0	04	MD096A	01	1	TQ2	E4		31B		
14206		XA414	60						16B	9			MD094A	02	MD094A	00	1	TQ2	E2		28A		
14018		XA414	61		XA414	71			16B	9			MD0420	07	MD096A	01	2	TQ2	E4		32B		
14017		XA414	62		XA414	61			16B	9			MD0420	06	MD094A	01	2	TQ2	E2		29A		
14210		XA414	63						16B	9			MD096A	02	MD096A	00	1	TQ2	E4		33B		
08441		XA414	64		XA415	62			16B	9			DB28M0	02	MD094A	01	1	TQ2	E2		30A		
08163		XA414	65		XA336	38			16B	9			DB23M0	03	MD099A	01	1	TQ2	F3		34B		
14204		XA414	66						16B	9			MD093A	02	MD093A	00	1	TQ2	E1		31A		
08159		XA414	67										GND		GROUND			TQ2			40A		
14024		XA414	68		XA414	55			16B	9			MD0430	04	MD093A	01	2	TQ2	E1		32A		
14216		XA414	69						16B	9			MD099A	02	MD099A	00	1	TQ2	F3		35A		
08010		XA414	70		XA417	50			16B	9			DB20M0	02	MD093A	01	1	TQ2	E1		33A		
14019		XA414	71		XA414	78			16B	9			MD0420	08	MD098A	01	2	TQ2	F2		36A		
CONNECTOR (XA414) CONTINUED ON THE NEXT PAGE ****																							

DRAWING NUMBER 149012-880 CONNECTOR UNIT ASSEMBLY NO. 149012 REV E INDEX XA414
 UNIT ASSEMBLY NAME CARD CAGE ASSY,CPU L.H. FILE IDENT T39B2CP1 DATE 09-03-82 PAGE 292

RECORD NUMBER	FROM			TO			WIRE			SPECIFIED VALUE	SIGNAL	SEQ NO	EQUATION	TERM	FACTOR	CKT OR CHIP TYPE	SPOP	LOAD CP POWER PLANE	TEST POINTS AND/OR	SIGNAL DESCRIPTION	ECO NO
	PREFIX	CONNECTOR	PIN	PREFIX	CONNECTOR	PIN	MULTI GROUP	CODE	COLOR												
14214		XA414	72						168	9		MD098A	02	MD098A	00	1	TQ2	F2		34A	
08561		XA414	73		XA415	71			168	9		DB30M0	02	MD098A	01	1	TQ2	F2		36B	
14023		XA414	74		XA414	68			168	9		MD0430	03	MD099A	01	2	TQ2	F3		35B	
14212		XA414	75						168	9		MD097A	02	MD097A	00	1	TQ2	F1		37B	
08623		XA414	76		XA414	25			168	9		DB31M0	04	MD100A	01	1	TQ2	F4		37A	
14022		XA414	77		XA414	74			168	9		MD0430	02	MD097A	01	2	TQ2	F1		38B	
14020		XA414	78						168	9		MD0420	09	MD100A	01	2	TQ2	F4		38A	
08112		XA414	79		XA417	59			168	9		DB22M0	02	MD097A	01	1	TQ2	F1		39B	
14230		XA414	80						168	9		MD100A	02	MD100A	00	1	TQ2	F4		39A	
14717		XA415	01						168	9		MD2510	02	MD2510	00	1	TQ2	A2		02B	
11451		XA415	02									GND	01	GROUND			TQ2			01A	
14235		XA415	03		XA414	09			168	9		MD103A	01	MD2610	01	1	TQ2	A3		02A	
15915		XA415	04						168	9		MYA25A	03	MD2510	01	1	TQ2	A2		04A	
14233		XA415	05		XA414	01			168	9		MD102A	01	MD2510	01	2	TQ2	A2		03B	
14680		XA415	06						168	9		MD2410	02	MD2410	00	1	TQ2	A1		05A	
15927		XA415	07						168	9		MYA26A	03	MD2610	01	2	TQ2	A3		03A	
14232		XA415	08						168	9		MD101A	02	MD2410	01	2	TQ2	A1		06A	
14749		XA415	09						168	9		MD2610	02	MD2610	00	1	TQ2	A3		04B	
15903		XA415	10						168	9		MYA24A	03	MD2410	01	1	TQ2	A1		07A	
14237		XA415	11		XA414	15			168	9		MD104A	01	MD2710	01	1	TQ2	A4		05B	
00554		XA415	12									+5V	01				TQ2				
15938		XA415	13						168	9		MYA27A	02	MD2710	01	2	TQ2	A4		06B	
14912		XA415	14						168	9		MD2910	02	MD2910	00	1	TQ2	B2		09A	
14818		XA415	15						168	9		MD2710	02	MD2710	00	1	TQ2	A4		07B	
11452		XA415	16									GND	01	GROUND			TQ2			01B	
14243		XA415	17		XA414	21			168	9		MD107A	01	MD3010	01	1	TQ2	B3		08B	
14241		XA415	18		XA414	14			168	9		MD106A	01	MD2910	01	2	TQ2	B2		10A	
15975		XA415	19						168	9		MYA30A	03	MD3010	01	2	TQ2	B3		09B	
15963		XA415	20						168	9		MYA29A	03	MD2910	01	1	TQ2	B2		11A	
14924		XA415	21						168	9		MD3010	02	MD3010	00	1	TQ2	B3		10B	
14861		XA415	22						168	9		MD2810	02	MD2810	00	1	TQ2	B1		12A	
14245		XA415	23		XA414	27			168	9		MD108A	01	MD3110	01	1	TQ2	B4		11B	
14239		XA415	24		XA414	22			168	9		MD105A	01	MD2810	01	2	TQ2	B1		13A	
15987		XA415	25						168	9		MYA31A	03	MD3110	01	2	TQ2	B4		12B	
15951		XA415	26						168	9		MYA28A	03	MD2810	01	1	TQ2	B1		14A	
14936		XA415	27						168	9		MD3110	02	MD3110	00	1	TQ2	B4		13B	
00555		XA415	28									+5V	01				TQ2				
14004		XA415	29		XA415	40			168	9		MD0410	02	MD071A	01	1	TQ2	C3		14B	
14129		XA415	30						168	9		MD070A	02	MD070A	00	1	TQ2	C2		15A	
07568		XA415	31		XA336	69			168	9		DB09M0	02	MD071A	01	2	TQ2	C3		15B	
11453		XA415	32									GND	01	GROUND			TQ2			20B	
14131		XA415	33						168	9		MD071A	02	MD071A	00	1	TQ2	C3		16B	
08215		XA415	34		XA419	29			168	9		DB24M0	03	MD070A	01	2	TQ2	C2		16A	
08271		XA415	35		XA417	20			168	9		DB25M0	03	MD072A	01	1	TQ2	C4		17B	
13995		XA415	36		XA415	37			168	9		MD0400	02	MD070A	01	1	TQ2	C2		17A	
13996		XA415	37		XA415	50			168	9		MD0430	03	MD072A	01	2	TQ2	C4		18B	
14114		XA415	38						168	9		MD069A	02	MD069A	00	1	TQ2	C1		18A	
14133		XA415	39						168	9		MD072A	02	MD072A	00	1	TQ2	C4		19B	
CONNECTOR (XA415) CONTINUED ON THE NEXT PAGE ****																					

DRAWING NUMBER 149012-880 CONNECTOR UNIT ASSEMBLY NO. 149012 REV E INDEX XA415
 UNIT ASSEMBLY NAME CARD CAGE ASSY,CPU L.H. FILE IDENT T39B2CP1 DATE 09-03-82 PAGE 293

RECORD NUMBER	FROM			TO			WIRE				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	MULTI GROUP	CODE	COLOR	IDENT											
14005		XA415	40		XA415	41			16B	9		MD0410	03	MD069A	01	2	TQ2	C1		19A	
14006		XA415	41		XA415	54			16B	9		MD0410	04	MD075A	01	1	TQ2	D3		27B	
07536		XA415	42		XA336	80			16B	9		DB08M0	02	MD069A	01	1	TQ2	C1		23A	
07636		XA415	43		XA336	75			16B	9		DB11M0	02	MD075A	01	2	TQ2	D3		23B	
07633		XA415	44									GND		GRGUND			TQ2			21B	
14139		XA415	45						16B	9		MD075A	02	MD075A	00	1	TQ2	D3		24B	
14137		XA415	46						16B	9		MD074A	02	MD074A	00	1	TQ2	D2		21A	
08379		XA415	47		XA417	35			16B	9		DB27M0	03	MD076A	01	1	TQ2	D4		25B	
08325		XA415	48		XA417	40			16B	9		DB26M0	03	MD074A	01	2	TQ2	D2		22A	
13998		XA415	49		XA415	64			16B	9		MD0400	05	MD076A	01	2	TQ2	D4		26B	
13997		XA415	50		XA415	49			16B	9		MD0400	04	MD074A	01	1	TQ2	D2		23A	
14141		XA415	51						16B	9		MD076A	02	MD076A	00	1	TQ2	D4		27B	
14135		XA415	52						16B	9		MD073A	02	MD073A	00	1	TQ2	D1		24A	
14008		XA415	53		XA415	68			16B	9		MD0410	06	MD079A	01	1	TQ2	E3		28B	
14007		XA415	54		XA415	53			16B	9		MD0410	05	MD073A	01	2	TQ2	D1		25A	
07702		XA415	55		XA336	57			16B	9		DB13M0	02	MD079A	01	2	TQ2	E3		29B	
07602		XA415	56		XA336	72			16B	9		DB10M0	02	MD073A	01	1	TQ2	D1		26A	
14147		XA415	57						16B	9		MD079A	02	MD079A	00	1	TQ2	E3		30B	
07699		XA415	58									GND		GROUND			TQ2			27A	
08502		XA415	59		XA414	59			16B	9		DB29M0	03	MD080A	01	1	TQ2	E4		31B	
14145		XA415	60						16B	9		MD078A	02	MD078A	00	1	TQ2	E2		28A	
14000		XA415	61		XA415	73			16B	9		MD0400	07	MD080A	01	2	TQ2	E4		32B	
08442		XA415	62		XA417	43			16B	9		DB28M0	03	MD078A	01	2	TQ2	E2		29A	
14166		XA415	63						16B	9		MD080A	02	MD080A	00	1	TQ2	E4		33B	
13999		XA415	64		XA415	61			16B	9		MD0400	06	MD078A	01	1	TQ2	E2		30A	
14010		XA415	65		XA415	77			16B	9		MD0410	08	MD083A	01	1	TQ2	F3		34B	
14143		XA415	66						16B	9		MD077A	02	MD077A	00	1	TQ2	E1		31A	
07733		XA415	67									GND		GROUND			TQ2			40A	
14009		XA415	68		XA415	65			16B	9		MD0410	07	MD077A	01	2	TQ2	E1		32A	
14172		XA415	69						16B	9		MD083A	02	MD083A	00	1	TQ2	F3		35A	
07670		XA415	70		XA336	63			16B	9		DB12M0	02	MD077A	01	1	TQ2	F1		33A	
08562		XA415	71		XA419	59			16B	9		DB30M0	03	MD082A	01	2	TQ2	F2		36A	
14170		XA415	72						16B	9		MD082A	02	MD082A	00	1	TQ2	F2		34A	
14001		XA415	73		XA415	78			16B	9		MD0400	08	MD082A	01	1	TQ2	F2		36B	
07770		XA415	74		XA336	66			16B	9		DB15M0	02	MD083A	01	2	TQ2	F3		35B	
14168		XA415	75						16B	9		MD081A	02	MD081A	00	1	TQ2	F1		37B	
08622		XA415	76		XA414	76			16B	9		DB31M0	03	MD084A	01	1	TQ2	F4		37A	
14011		XA415	77						16B	9		MD0410	09	MD081A	01	2	TQ2	F1		38B	
14002		XA415	78						16B	9		MD0400	09	MD084A	01	2	TQ2	F4		38A	
07736		XA415	79		XA336	60			16B	9		DB14M0	02	MD081A	01	1	TQ2	F1		39B	
14174		XA415	80						16B	9		MD084A	02	MD084A	00	1	TQ2	F4		39A	
14130		XA416	01		XA415	33			16B	9		MD071A	01	MD0910	01	2	TT3	A2		02B	
11454		XA416	02									GND		GROUND			TT3			01B	
14132		XA416	03		XA415	39			16B	9		MD072A	01	MD0910	01	3	TT3	A2		02A	
14158		XA416	04		XA421	24			16B	9		MD0910	02	MD0810	00	1	TT3	A1		04A	
15724		XA416	05		XA410	34			16B	9		MYA09A	01	MD0910	01	1	TT3	A2		03B	
14128		XA416	06		XA415	30			16B	9		MD070A	01	MD0810	01	3	TT3	A1		05A	
14195		XA416	07		XA422	24			16B	9		MD0910	02	MD0910	00	1	TT3	A2		03A	
CONNECTOR (XA416) CONTINUED ON THE NEXT PAGE ****																					

DRAWING NUMBER 149012-880 CONNECTOR UNIT ASSEMBLY NO. 149012 REV E INDEX XA416
 UNIT ASSEMBLY NAME CARD CAGE ASSY,CPU L.H. FILE IDENT T39B2CP1 DATE 09-03-82 PAGE 294

RECORD NUMBER	FROM			TO			WIRE				SIGNAL	SIGNAL NO	EQUATION	TERM	FAC	CKT OR CHIP TYPE	CHAMP	LOAD OR POWER PLANE	TEST POINTS		SIGNAL DESCRIPTION	ECO NO
	PREFIX	CONNECTOR	PIN	PREFIX	CONNECTOR	PIN	MULTI GROUP	CODE	COLOR	IDENT									AND	BT		
14113		XA416	08		XA415	38		16B	9			MD069A	01	MD0810	01	2	TT3	A1		06A		
14136		XA416	09		XA415	46		16B	9			MD074A	01	MD1010	01	1	TT3	A3		04B		
15714		XA416	10		XA410	40		16B	9			MYA08A	01	MD0810	01	1	TT3	A1		07A		
14134		XA416	11		XA415	52		16B	9			MD073A	01	MD1010	01	2	TT3	A3		05B		
00556		XA416	12									+5V	01				TT3					
15734		XA416	13		XA410	29		16B	9			MYA10A	01	MD1010	01	3	TT3	A3		06B		
14144		XA416	14		XA415	60		16B	9			MD078A	01	MD1210	01	2	TT3	B2		09A		
14227		XA416	15		XA423	24		16B	9			MD1010	02	MD1010	00	1	TT3	A3		07B		
11455		XA416	16									GND	01	GROUND			TT3			21B		
14142		XA416	17		XA415	66		16B	9			MD077A	01	MD1210	01	3	TT3	B2		08B		
15758		XA416	18									MYA12A	03	MD1210	01	1	TT3	B2		10A		
14277		XA416	19		XA421	18		16B	9			MD1210	02	MD1210	00	1	TT3	B2		09B		
14257		XA416	20		XA424	24		16B	9			MD1110	02	MD1110	00	1	TT3	B1		11A		
14146		XA416	21		XA415	57		16B	9			MD079A	01	MD1310	01	1	TT3	B3		10B		
14138		XA416	22		XA415	45		16B	9			MD075A	01	MD1110	01	3	TT3	B1		12A		
14165		XA416	23		XA415	63		16B	9			MD080A	01	MD1310	01	2	TT3	B3		11B		
15745		XA416	24		XA408	39		16B	9			MYA11A	02	MD1110	01	2	TT3	B1		13A		
15771		XA416	25		XA408	46		16B	9			MYA13A	04	MD1310	01	3	TT3	B3		12B		
14140		XA416	26		XA415	51		16B	9			MD076A	01	MD1110	01	1	TT3	B1		14A		
14310		XA416	27		XA422	18		16B	9			MD1310	02	MD1310	00	1	TT3	B3		13B		
00557		XA416	28									+5V	01				TT3					
14173		XA416	29		XA415	80		16B	9			MD084A	01	MD1510	01	3	TT3	C2		14B		
14171		XA416	30		XA415	69		16B	9			MD083A	01	MD1510	01	2	TT3	C2		15A		
14374		XA416	31		XA424	18		16B	9			MD1510	02	MD1510	00	1	TT3	C2		15B		
22711		XA416	32									GND		GROUND			TT3			27A		
14177		XA416	33		XA414	30		16B	9			MD086A	01	MD1610	01	1	TT3	C3		16B		
15797		XA416	34		XA408	51		16B	9			MYA15A	04	MD1510	01	1	TT3	C2		16A		
14175		XA416	35		XA414	38		16B	9			MD085A	01	MD1610	01	2	TT3	C3		17B		
14342		XA416	36		XA423	18		16B	9			MD1410	02	MD1410	00	1	TT3	C1		17A		
15808		XA416	37									MYA16A	03	MD1610	01	3	TT3	C3		18B		
14169		XA416	38		XA415	72		16B	9			MD082A	01	MD1410	01	3	TT3	C1		18A		
14408		XA416	39									MD1610	02	MD1610	00	1	TT3	C3		19B		
14167		XA416	40		XA415	75		16B	9			MD081A	01	MD1410	01	2	TT3	C1		19A		
14197		XA416	41		XA414	46		16B	9			MD090A	01	MD1810	01	3	TT3	D2		22B		
15784		XA416	42		XA408	45		16B	9			MYA14A	04	MD1410	01	1	TT3	C1		20A		
14479		XA416	43									MD1810	02	MD1810	00	1	TT3	D2		23B		
11456		XA416	44									GND	01	GROUND			TT3			40A		
14199		XA416	45		XA414	45		16B	9			MD091A	01	MD1910	01	1	TT3	D3		24B		
14183		XA416	46		XA414	52		16B	9			MD089A	01	MD1810	01	2	TT3	D2		21A		
14201		XA416	47		XA414	51		16B	9			MD092A	01	MD1910	01	2	TT3	D3		25B		
15831		XA416	48									MYA18A	03	MD1810	01	1	TT3	D2		22A		
15842		XA416	49		XA508	15		16B	9			MYA19A	02	MD1910	01	3	TT3	D3		26B		
14446		XA416	50									MD1710	02	MD1710	00	1	TT3	D1		23A		
14512		XA416	51									MD1910	02	MD1910	00	1	TT3	D3		27B		
14179		XA416	52		XA414	33		16B	9			MD087A	01	MD1710	01	3	TT3	D1		24A		
14209		XA416	53		XA414	63		16B	9			MD096A	01	MD2110	01	3	TT3	F2		28B		
14181		XA416	54		XA414	39		16B	9			MD088A	01	MD1710	01	2	TT3	D1		25A		
14583		XA416	55									MD2110	02	MD2110	00	1	TT3	E2		29B		
15818		XA416	56		XA508	01		16B	9			MYA17A	02	MD1710	01	1	TT3	D1		26A		
14213		XA416	57		XA414	72		16B	9			MD098A	01	MD2210	01	1	TT3	F3		30B		
CONNECTOR	XA416	CONTINUED ON THE NEXT PAGE ****																				

DRAWING NUMBER 149014-880 CONNECTOR UNIT ASSEMBLY NO. 149012 REV E INDEX XA416
 UNIT ASSEMBLY NAME CARD CAGE ASSY, CPU L.H. FILE IDENT T39B2CP1 DATE 09-03-82 PAGE 295

RECORD NUMBER	FROM			TO				WIRE				SIGNAL	SFC NO	EQUATION	TERM	FACTOR	CHK ON CHIP TYPE	LOAD OR POWER PLANS	TEST POINTS AND/OR	SIGNAL DESCRIPTION	SFC NO	
	PREFIX	CONNECTOR	PIN	PREFIX	CONNECTOR	PIN	WIRE GROUP	CODE	COL-SP	IDEN												
11457	XA416	58										GND	01	GROUND			TT3			40B		
14211	XA416	59		XA414	75		16B	9				MD097A	01	MD2210	01	2	TT3	E3		31B		
14207	XA416	60		XA414	57		16B	9				MD095A	01	MD2110	01	2	TT3	E2		28A		
15875	XA416	61					16B	9				MYA22A	03	MD2210	01	3	TT3	E3		32B		
15867	XA416	62					16B	9				MYA21A	03	MD2110	01	1	TT3	E2		29A		
14616	XA416	63					16B	9				MD2210	02	MD2210	00	1	TT3	E3		33B		
14545	XA416	64					16B	9				MD2210	02	MD2010	03	1	TT3	E1		30A		
13685	XA416	65		XA412	21		16B	9				MD039A	03	MD0440	01	3	TT3	F2		34B		
14205	XA416	66		XA414	60		16B	9				MD094A	01	MD2010	01	3	TT3	E1		31A		
13809	XA416	67										GND		GROUND			TT3					
14203	XA416	68		XA414	66		16B	9				MD093A	01	MD2010	01	2	TT3	E1		32A		
13735	XA416	69					16B	9				MD010A	03	MD0240	01	1	TT3	F3		35A		
15855	XA416	70					16B	9				MYA20A	03	MD2010	01	1	TT3	E1		33A		
13656	XA416	71		XA419	70		16B	9				MD030A	02	MD0440	01	1	TT3	F2		36A		
13671	XA416	72		XA412	09		16B	9				MD001A	05	MD0440	01	2	TT3	F2		34A		
14649	XA416	73					16B	9				MD2310	02	MD2310	00	1	TT3	F1		36B		
14030	XA416	74		XA419	31		16B	9				MD0440	01	MD0440	00	1	TT3	F2		35B		
14215	XA416	75		XA414	69		16B	9				MD099A	01	MD2310	01	3	TT3	F1		37B		
13740	XA416	76		XA413	33		16B	9				MD013A	01	MD0240	01	2	TT3	F3		37A		
14229	XA416	77		XA414	80		16B	9				MD130A	01	MD2310	01	2	TT3	F1		38B		
13711	XA416	78					16B	9				MD007A	05	MD0240	01	3	TT3	F3		38A		
15891	XA416	79					16B	9				MYA23A	03	MD2310	01	1	TT3	F1		39B		
13811	XA416	80		XA325	26		16B	9				MD0240	01	MD0240	00	1	TT3	F3		39A		
14042	XA417	01					16B	9				MD046A	02	MD046A	00	1	TQ2	A2		02B		
08211	XA417	02										GND		GROUND			TQ2			01A		
13956	XA417	03		XA414	06		16B	9				MD0370	08	MD047A	01	1	TQ2	A3		02A		
07817	XA417	04		XA336	51		16B	9				DB16M0	03	MD046A	01	1	TQ2	A2		04A		
13966	XA417	05					16B	9				MD0380	09	MD046A	01	2	TQ2	A2		03B		
14040	XA417	06					16B	9				MD045A	02	MD045A	00	1	TQ2	A1		05A		
08217	XA417	07		XA336	27		16B	9				DB24M0	05	MD047A	01	2	TQ2	A3		03A		
13974	XA417	08		XA417	11		16B	9				MD0390	08	MD045A	01	2	TQ2	A1		06A		
14044	XA417	09					16B	9				MD047A	02	MD047A	00	1	TQ2	A3		04B		
07285	XA417	10		XA337	80		16B	9				DB00M0	02	MD045A	01	1	TQ2	A1		07A		
13975	XA417	11					16B	9				MD0390	09	MD048A	01	1	TQ2	A4		05B		
00558	XA417	12										+5V					TQ2					
07318	XA417	13		XA337	69		16B	9				DB01M0	01	MD048A	01	2	TQ2	A4		06B		
14063	XA417	14					16B	9				MD050A	02	MD050A	00	1	TQ2	B2		09A		
14046	XA417	15					16B	9				MD048A	02	MD048A	00	1	TQ2	A4		07B		
11458	XA417	16										GND	01	GROUND			TQ2			01B		
13973	XA417	17		XA417	08		16B	9				MD0390	07	MD051A	01	1	TQ2	B3		08B		
13955	XA417	18		XA417	03		16B	9				MD0370	07	MD050A	01	2	TQ2	B2		10A		
07348	XA417	19		XA337	72		16B	9				DB02M0	02	MD051A	01	2	TQ2	B3		09B		
08272	XA417	20		XA414	04		16B	9				DB25M0	04	MD050A	01	1	TQ2	B2		11A		
14065	XA417	21					16B	9				MD051A	02	MD051A	00	1	TQ2	B3		10B		
14048	XA417	22					16B	9				MD049A	02	MD049A	00	1	TQ2	B1		12A		
13965	XA417	23		XA417	05		16B	9				MD0380	08	MD052A	01	1	TQ2	B4		11B		
07565	XA417	24		XA336	45		16B	9				DB17M0	03	MD049A	01	2	TQ2	B1		13A		
07513	XA417	25		XA336	46		16B	9				DB18M0	03	MD052A	01	2	TQ2	B4		12B		
CONNECTOR	XA417	CONTINUED ON THE NEXT PAGE ****																				

DRAWING NUMBER 149014-880

CONNECTOR

UNIT ASSEMBLY NO. 149012

REV E INDEX XA417

UNIT ASSEMBLY NAME CARD CAGE ASSY, CPU L.H.

FILE IDENT T39B2CP1

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RECORD NUMBER	FROM				TO				WIRE				SIGNAL	SEG NO	EQUATION	TERM	FACTOR	CKT OR CHIP TYPE	SOOP	LOAD OR POSER PLANE	TEST POINTS ANCHOR	SIGNAL DESCRIPTION	ECO NO
	PREFIX	CONNECTOR	PIN	SH TC	PREFIX	CONNECTOR	PIN	SH TC	MULTI GROUP	CODE	COLOR	IDENT											
13964		XA417	26										MD0380	07	MD049A	01	1	TQ2	B1		14A		
14067		XA417	27			XA417	23						MD052A	02	MD052A	00	1	TQ2	B4		13B		
00559		XA417	28										+5V	01				TQ2					
13963		XA417	29			XA417	26						MD0380	06	MD055A	01	1	TQ2	C3		14B		
14071		XA417	30										MD054A	02	MD054A	00	1	TQ2	C2		15A		
07961		XA417	31			XA336	52						DB19M0	03	MD055A	01	2	TQ2	C3		15B		
22712		XA417	32										GND		GROUND			TQ2			20B		
14073		XA417	33										MD055A	02	MD055A	00	1	TQ2	C3		16B		
13972		XA417	34			XA417	17						MD0390	06	MD054A	01	2	TQ2	C2		16A		
08380		XA417	35			XA414	11						DB27M0	04	MD056A	01	1	TQ2	C4		17B		
07378		XA417	36			XA337	75						DB03M0	02	MD054A	01	1	TQ2	C2		17A		
13954		XA417	37			XA417	18						MD0370	06	MD056A	01	2	TQ2	C4		18B		
14069		XA417	38										MD053A	02	MD053A	00	1	TQ2	C1		18A		
14075		XA417	39										MD056A	02	MD056A	00	1	TQ2	C4		19B		
08326		XA417	40			XA414	07						DB26M0	04	MD053A	01	2	TQ2	C1		19A		
13952		XA417	41			XA417	42						MD0370	04	MD059A	01	1	TQ2	D3		22B		
13953		XA417	42			XA417	37						MD0370	05	MD053A	01	1	TQ2	C1		20A		
08443		XA417	43			XA414	26						DB28M0	04	MD059A	01	2	TQ2	D3		23B		
11459		XA417	44										GND	01	GROUND			TQ2			21B		
14081		XA417	45										MD059A	02	MD059A	00	1	TQ2	D3		24B		
14079		XA417	46										MD058A	02	MD058A	00	1	TQ2	D2		21A		
13970		XA417	47			XA419	52						MD0390	04	MD060A	01	1	TQ2	D4		25B		
13961		XA417	48			XA419	39						MD0380	04	MD058A	01	2	TQ2	D2		22A		
07438		XA417	49			XA315	41						DB05M0	02	MD060A	01	2	TQ2	D4		26B		
08011		XA417	50			XA336	39						DB20M0	03	MD058A	01	1	TQ2	D2		23A		
14096		XA417	51										MD060A	02	MD060A	00	1	TQ2	D4		27B		
14077		XA417	52										MD057A	02	MD057A	00	1	TQ2	D1		24A		
13968		XA417	53			XA417	54						MD0390	02	MD063A	01	1	TQ2	E3		28B		
13969		XA417	54			XA417	47						MD0390	03	MD057A	01	2	TQ2	D1		25A		
07470		XA417	55			XA315	48						DB06M0	02	MD063A	01	2	TQ2	E3		29B		
07408		XA417	56			XA315	47						DB04M0	02	MD057A	01	1	TQ2	D1		26A		
14102		XA417	57										MD063A	02	MD063A	00	1	TQ2	E3		30B		
08109		XA417	58										GND		GROUND			TQ2			27A		
08113		XA417	59			XA336	30						DB22M0	03	MD064A	01	1	TQ2	E4		31B		
14100		XA417	60										MD062A	02	MD062A	00	1	TQ2	E2		28A		
13960		XA417	61			XA417	48						MD0380	03	MD064A	01	2	TQ2	E4		32B		
13950		XA417	62			XA419	61						MD0370	02	MD062A	01	2	TQ2	E2		29A		
14104		XA417	63										MD064A	02	MD064A	00	1	TQ2	E4		33B		
08501		XA417	64			XA415	59						DB29M0	02	MD062A	01	1	TQ2	E2		30A		
13958		XA417	65			XA417	68						MD0380	01	MD067A	01	1	TQ2	F3		34B		
14098		XA417	66										MD061A	02	MD061A	00	1	TQ2	E1		31A		
11460		XA417	67										GND	01	GROUND			TQ2			40A		
13959		XA417	68			XA417	61						MD0380	02	MD061A	01	2	TQ2	E1		32A		
14110		XA417	69										MD067A	02	MD067A	00	1	TQ2	F3		35A		
08062		XA417	70			XA414	53						DB21M0	02	MD061A	01	1	TQ2	F1		33A		
13967		XA417	71			XA417	53						MD0390	01	MD066A	01	2	TQ2	F2		36A		
14108		XA417	72										MD066A	02	MD066A	00	1	TQ2	F2		34A		
07504		XA417	73			XA315	56						DB07M0	02	MD066A	01	1	TQ2	F2		36B		
08162		XA417	74			XA414	65						DB23M0	02	MD067A	01	2	TQ2	F3		35B		
12775		XA417	75										MA0010	05	MA0010	00	1	TQ2	F1		37B		
CONNECTOR		(XA417)	CONTINUED ON THE NEXT PAGE ****																				

DRAWING NUMBER 149014-880 CONNECTOR UNIT ASSEMBLY NO. 149012 REV E INDEX XA417
 UNIT ASSEMBLY NAME CARD CAGE ASSY, CPU L.H. FILE IDENT T39B2CP1 DATE 09-03-82 PAGE 297

RECORD NUMBER	FROM			INFO	TO			WIRE				SIGNAL	SQG 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											
13945		XA417	76			XA417	62				16B	9		M00370	01	M0068A	01	1	TQ2	F4		37A
12770		XA417	77								16B	9		MA000A	02	MA0010	01	2	TQ2	F1		38B
08621		XA417	78			XA415	76				16B	9		DB31M0	02	M0068A	01	2	TQ2	F4		38A
16943		XA417	79			XA419	24				16B	9		SPA080	05	MA0010	01	1	TQ2	F1		39B
14112		XA417	80								16B	9		M0068A	02	M0068A	00	1	TQ2	F4		39A
15643		XA418	01			XA410	04				16B	9		MYA01A	01	M00110	01	3	TD4	A2		02B
11461		XA418	02											GND	01	GRGUND			TD4			01A
09513		XA418	03											DNW	01				TD4			
14047		XA418	04			XA417	22				16B	9		M0049A	01	M00110	01	1	TD4	A2		04A
14062		XA418	05			XA417	14				16B	9		M0050A	01	M00110	01	2	TD4	A2		03B
14043		XA418	06			XA417	09				16B	9		M0047A	01	M00010	01	3	TD4	A1		05A
14045		XA418	07			XA417	15				16B	9		M0048A	01	M00110	01	4	TD4	A2		03A
14041		XA418	08			XA417	01				16B	9		M0046A	01	M00010	01	2	TD4	A1		06A
13731		XA418	09			XA422	08				16B	9		M00110	02	M00110	00	1	TD4	A2		04B
15633		XA418	10			XA410	08				16B	9		MYA00A	01	M00010	01	1	TD4	A1		07A
13648		XA418	11			XA421	08				16B	9		M00010	02	M00010	00	1	TD4	A1		05B
00560		XA418	12											+5V	01				TD4			
14039		XA418	13			XA417	06				16B	9		M0045A	01	M00010	01	4	TD4	A1		06B
14070		XA418	14			XA417	30				16B	9		M0054A	01	M00310	01	3	TD4	B2		09A
09514		XA418	15											DNW	01				TD4			
11462		XA418	16											GND	01	GROUND			TD4			20B
09515		XA418	17											DNW	01				TD4			
14072		XA418	18			XA417	33				16B	9		M0055A	01	M00310	01	2	TD4	B2		10A
15663		XA418	19			XA410	13				16B	9		MYA03A	01	M00310	01	4	TD4	B2		09B
14074		XA418	20			XA417	39				16B	9		M0056A	01	M00310	01	1	TD4	B2		11A
13876		XA418	21			XA424	08				16B	9		M00310	02	M00310	00	1	TD4	B2		10B
14064		XA418	22			XA417	21				16B	9		M0051A	01	M00210	01	3	TD4	B1		12A
13777		XA418	23			XA423	08				16B	9		M00210	02	M00210	00	1	TD4	B1		11B
14066		XA418	24			XA417	27				16B	9		M0052A	01	M00210	01	2	TD4	B1		13A
15653		XA418	25			XA410	07				16B	9		MYA02A	01	M00210	01	4	TD4	B1		12B
14068		XA418	26			XA417	38				16B	9		M0053A	01	M00210	01	1	TD4	B1		14A
09516		XA418	27											DNW	01				TD4			
00561		XA418	28											+5V	01				TD4			
09517		XA418	29											DNW	01				TD4			
15683		XA418	30			XA410	20				16B	9		MYA05A	01	M00510	01	3	TD4	C2		15A
14095		XA418	31			XA417	51				16B	9		M0060A	01	M00510	01	4	TD4	C2		15B
11463		XA418	32											GND	01	GRGUND			TD4			21B
14061		XA418	33								16B	9		M00510	03	M00510	00	1	TD4	C2		16B
14099		XA418	34			XA417	60				16B	9		M0062A	01	M00510	01	2	TD4	C2		16A
13988		XA418	35								16B	9		M00410	03	M00410	00	1	TD4	C1		17B
14097		XA418	36			XA417	66				16B	9		M0061A	01	M00510	01	1	TD4	C2		17A
14080		XA418	37			XA417	45				16B	9		M0059A	01	M00410	01	4	TD4	C1		18B
15675		XA418	38			XA410	24				16B	9		MYA04A	01	M00410	01	3	TD4	C1		18A
09518		XA418	39											DNW	01				TD4			
14078		XA418	40			XA417	46				16B	9		M0058A	01	M00410	01	2	TD4	C1		19A
09519		XA418	41											DNW	01				TD4			
14076		XA418	42			XA417	52				16B	9		M0057A	01	M00410	01	1	TD4	C1		20A
15706		XA418	43								16B	9		MYA07A	04	M00710	01	4	TD4	D2		23B
CONNECTOR (XA418) CONTINUED ON THE NEXT PAGE ****																						

DRAWING NUMBER 149014-880 CONNECTOR UNIT ASSEMBLY NO. 149012 REV E INDEX XA418
 UNIT ASSEMBLY NAME CARD CAGE ASSY, CPU L.H. FILE IDENT T39B2CP1 DATE 09-03-82 PAGE 298

RECORD NUMBER	FROM			TO			WIRE			IDENT	SPE INST	SIGNAL	SEQ NO	EQUATION	TERM	FACTOR	CKT OR CHIP TYPE	GROUP	LOAD OR POWER PLANE	TEST POINTS END 3P	SIGNAL DESCRIPTION	ECO NO
	PREFIX	CONNECTOR	PIN	PREFIX	CONNECTOR	PIN	SIZE	MULTI GROUP	CODE													
11464		XA418	44								GND	01	GROUND			TD4				27A		
14127		XA418	45					16B	9		MD0710	03	MD0710	00	1	TD4	D2				24B	
14107		XA418	46		XA417	72		16B	9		MD066A	01	MD0710	01	3	TD4	D2				21A	
14094		XA418	47					16B	9		MD0610	03	MD0610	00	1	TD4	D1				25B	
14111		XA418	48		XA417	80		16B	9		MD068A	01	MD0710	01	2	TD4	D2				22A	
15693		XA418	49		XA410	19		16B	9		MYA36A	01	MD0610	01	4	TD4	D1				26B	
14109		XA418	50		XA417	69		16B	9		MD067A	01	MD0710	01	1	TD4	D2				23A	
09520		XA418	51								DNW	01				TD4						
14106		XA418	52					16B	9		MD065A	02	MD0610	01	3	TD4	D1				24A	
09521		XA418	53								DNW	01				TD4						
14101		XA418	54		XA417	57		16B	9		MD063A	01	MD0610	01	2	TD4	D1				25A	
13754		XA418	55					16B	9		MD015A	11	MD0180	01	4	TD4	E2				29B	
14103		XA418	56		XA417	63		16B	9		MD064A	01	MD0610	01	1	TD4	D1				26A	
13762		XA418	57					16B	9		MD0180	03	MD0180	00	1	TD4	E2				30B	
13706		XA418	58								GND		GROUND			TD4					40A	
13759		XA418	59					16B	9		MD0170	03	MD0170	00	1	TD4	E1				31B	
13697		XA418	60		XA412	33		16B	9		MD005A	03	MD0180	01	3	TD4	E2				28A	
13753		XA418	61		XA418	55		16B	9		MD015A	10	MD0170	01	4	TD4	E1				32B	
13661		XA418	62		XA419	54		16B	9		MD000A	07	MD0180	01	2	TD4	E2				29A	
09522		XA418	63								DNW	01				TD4						
13677		XA418	64		XA413	57		16B	9		MD016A	03	MD0180	01	1	TD4	E2				30A	
09523		XA418	65								DNW	01				TD4						
13676		XA418	66		XA418	64		16B	9		MD016A	02	MD0170	01	3	TD4	E1				31A	
13682		XA418	67								GND		GROUND			TD4					40B	
13702		XA418	68		XA412	47		16B	9		MD006A	02	MD0170	01	2	TD4	E1				32A	
13781		XA418	69					16B	9		MD0200	03	MD0200	00	1	TD4	F2				35A	
13660		XA418	70		XA418	62		16B	9		MD000A	06	MD0170	01	1	TD4	E1				33A	
13669		XA418	71		XA418	78		16B	9		MD001A	03	MD0200	01	2	TD4	F2				36A	
13684		XA418	72		XA416	65		16B	9		MD003A	02	MD0200	01	3	TD4	F2				34A	
13659		XA418	73		XA418	70		16B	9		MD000A	05	MD0200	01	1	TD4	F2				36B	
13752		XA418	74		XA418	61		16B	9		MD015A	09	MD0200	01	4	TD4	F2				35B	
13658		XA418	75		XA418	73		16B	9		MD000A	04	MD0190	01	3	TD4	F1				37B	
13765		XA418	76					16B	9		MD0190	03	MD0190	00	1	TD4	F1				37A	
13751		XA418	77		XA418	74		16B	9		MD015A	08	MD0190	01	2	TD4	F1				38B	
13670		XA418	78		XA416	72		16B	9		MD001A	04	MD0190	01	4	TD4	F1				38A	
13690		XA418	79		XA419	49		16B	9		MD004A	02	MD0190	01	1	TD4	F1				39B	
09524		XA418	80								DNW	01				TD4						
21205		XA419	01					16B	9		MB00C0	02	MB00C0	00	1	TQ2	A2				02B	
11465		XA419	02								GND	01	GROUND			TQ2					01A	
17777		XA419	03					16B	9		MB01XV	04	MB01C0	01	1	TQ2	A3				02A	
17778		XA419	04					16B	9		MB00XV	05	MB00C0	01	1	TQ2	A2				04A	
17788		XA419	05		XA531	04		16B	9		MC0420	00	MB00C0	01	2	TQ2	A2				03B	
21206		XA419	06		XA517	08		16B	9		MD2870	01	MD2870	00	1	TQ2	A1				05A	
17789		XA419	07		XA419	05		16B	9		MC0420	AA	MB01C0	01	2	TQ2	A3				03A	
17779		XA419	08					16B	9		MD287A	02	MD2870	01	2	TQ2	A1				06A	
21207		XA419	09					16B	9		MB01C0	02	MB01C0	00	1	TQ2	A3				04B	
17790		XA419	10		XA419	13		16B	9		SPI023	09	MD2870	01	1	TQ2	A1				07A	
17780		XA419	11		XA430	77		16B	9		SPI022	10		01	1	TQ2	A4				05B	
CONNECTOR (XA419) CONTINUED ON THE NEXT PAGE ****																						

DRAWING NUMBER 149014-880 CONNECTOR UNIT ASSEMBLY NO. 149012 REV E INDEX XA419
 UNIT ASSEMBLY NAME CARD CAGE ASSY, CPU L.H. FILE IDENT T39B2CP1 DATE 09-03-82 PAGE 299

RECORD NUMBER	FROM				TO				WIRE				SIGNAL	SEQ NO	EQUATION	TERM	FACTOR	CKT OR CHIP TYPE	PROP	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											
00562		XA419	12										+5V	01									
17791		XA419	13		XA430	78			168	9			SP1023	10								06B	
13791		XA419	14		XA326	56			168	9			MD0220	01	MD0220	00	1	TQ2	B2			09A	
21208		XA419	15										SPO	01								07B	
11466		XA419	16										GND	01	GROUND							01B	
13707		XA419	17		XA419	18			168	9			MD007A	01	MD0230	01	1	TQ2	B3			08B	
13708		XA419	18		XA419	25			168	9			MD007A	02	MD0220	01	2	TQ2	B2			10A	
13714		XA419	19		XA413	11			168	9			MD008A	03	MD0230	01	2	TQ2	B3			09B	
13733		XA419	20		XA413	23			168	9			MD010A	01	MD0220	01	1	TQ2	B2			11A	
13800		XA419	21		XA317	77			168	9			MD0230	01	MD0230	00	1	TQ2	B3			10B	
13782		XA419	22		XA326	24			168	9			MD0210	01	MD0210	00	1	TQ2	B1			12A	
13713		XA419	23		XA419	19			168	9			MD008A	02	MD0250	01	1	TQ2	B4			11B	
16944		XA419	24		XA419	35			168	9			SPA080	06	MD0210	01	2	TQ2	B1			13A	
13709		XA419	25		XA413	45			168	9			MD007A	03	MD0250	01	2	TQ2	B4			12B	
13742		XA419	26		XA413	47			168	9			MD014A	01	MD0210	01	1	TQ2	B1			14A	
13820		XA419	27		XA327	79			168	9			MD0250	01	MD0250	00	1	TQ2	B4			13B	
00563		XA419	28										+5V	01									
08216		XA419	29		XA417	07			168	9			D624M0	04	MD101A	01	1	TQ2	C3			14B	
13838		XA419	30		XA325	54			168	9			MD0270	01	MD0270	00	1	TQ2	C2			15A	
14031		XA419	31		XA414	24			168	9			MD0440	02	MD101A	01	2	TQ2	C3			15B	
11467		XA419	32										GND	01	GROUND							20B	
14231		XA419	33		XA415	08			168	9			MD101A	01	MD101A	00	1	TQ2	C3			16B	
13712		XA419	34		XA419	23			168	9			MD008A	01	MD0270	01	2	TQ2	C2			16A	
16945		XA419	35		XA419	41			168	9			SPA080	07	MD0380	01	1	TQ2	C4			17B	
13717		XA419	36		XA412	46			168	9			MD009A	01	MD0270	01	1	TQ2	C2			17A	
13679		XA419	37		XA412	23			168	9			MD002A	02	MD0380	01	2	TQ2	C4			18B	
13829		XA419	38		XA324	24			168	9			MD0260	01	MD0260	00	1	TQ2	C1			18A	
13962		XA419	39		XA417	29			168	9			MD0380	05	MD0380	00	1	TQ2	C4			19B	
13738		XA419	40		XA413	35			168	9			MD012A	01	MD0260	01	2	TQ2	C1			19A	
16946		XA419	41		XA419	42			168	9			SPA080	08	MD0410	01	1	TQ2	D3			22B	
16947		XA419	42		XA419	47			168	9			SPA080	09	MD0260	01	1	TQ2	C1			20A	
13663		XA419	43		XA412	11			168	9			MD000A	09	MD0410	01	2	TQ2	D3			23B	
11468		XA419	44										GND	01	GROUND							21B	
14003		XA419	45		XA415	29			168	9			MD0410	01	MD0410	00	1	TQ2	D3			24B	
13994		XA419	46		XA415	36			168	9			MD0400	01	MD0400	00	1	TQ2	D2			21A	
16948		XA419	47		XA419	55			168	9			SPA080	10	MD0420	01	1	TQ2	D4			25B	
13678		XA419	48		XA419	37			168	9			MD002A	01	MD0400	01	2	TQ2	D2			22A	
13691		XA419	49		XA412	35			168	9			MD004A	03	MD0420	01	2	TQ2	D4			26B	
13696		XA419	50		XA418	60			168	9			MD005A	02	MD0400	01	1	TQ2	D2			23A	
14012		XA419	51		XA414	34			168	9			MD0420	01	MD0420	00	1	TQ2	D4			27B	
13971		XA419	52		XA417	34			168	9			MD0390	05	MD0390	00	1	TQ2	D1			24A	
12970		XA419	53		XA424	74			168	9			MA15BQ	02	MA15Q0	01	1	TQ2	E3			28B	
13662		XA419	54		XA419	43			168	9			MD000A	08	MD0390	01	2	TQ2	D1			25A	
16949		XA419	55						168	9			SPA080	11	MA15Q0	01	2	TQ2	E3			29B	
16951		XA419	56		XA419	64			168	9			SPA081	02	MD0390	01	1	TQ2	D1			26A	
23228		XA419	57						168	9			MA15Q0	02	MA15Q0	00	1	TQ2	E3			30B	
11469		XA419	58										GND	01	GROUND							27A	
08563		XA419	59		XA414	19			168	9			D830M0	04	MD065A	01	1	TQ2	E4			31B	
12979		XA419	60						168	9			MA15P0	02	MA15P0	00	1	TQ2	E2			28A	
13951		XA419	61		XA417	41			168	9			MD0370	03	MD065A	01	2	TQ2	E4			32B	
CONNECTOR (XA419) CONTINUED ON THE NEXT PAGE ****																							

DRAWING NUMBER 149014-880 CONNECTOR UNIT ASSEMBLY NO. 149012 REV E INDEX XA419
 UNIT ASSEMBLY NAME CARD CAGE ASSY, CPU L.H. FILE IDENT T39B2CP1 DATE 09-03-82 PAGE 300

RECORD NUMBER	FROM				TO				WIRE				SIGNAL	SEQ NO	EQUATION	TERM	FACTOR	CKT OF CHIP TYPE	GROUP	LOAD CP POWER PLANE	TEST POINTS ANCL CR	SIGNAL DESCRIPTION	ECO NO
	PREFIX	CONNECTOR	PIN	DRIFT	PREFIX	CONNECTOR	PIN	DRIFT	MULTI-GROUP	CODE	COLOR	IDENT											
12965	XA419		62		XA425	53			16B	9			MA15BP	03	MA15P0	01	2	TQ2	E2		29A		
14105	XA419		63		XA418	52			16B	9			MD065A	01	MD065A	00	1	TQ2	E4		33B		
16952	XA419		64		XA421	03			16B	9			SPA081	03	MA15P0	01	1	TQ2	E2		30A		
05796	XA419		65		XA419	71			16B	9			CLOCMB	10	MA08NA	01	1	TQ2	F3		34B		
14021	XA419		66		XA414	77			16B	9			MD0430	01	MD0430	00	1	TQ2	E1		31A		
22713	XA419		67										GND					TQ2			40A		
13668	XA419		68		XA418	71			16B	9			MD001A	02	MD0430	01	2	TQ2	E1		32A		
12894	XA419		69						16B	9			MA08NA	05	MA08NA	00	1	TQ2	F3		35A	MA0811 CLOCK	
13657	XA419		70		XA418	75			16B	9			MD000A	03	MD0430	01	1	TQ2	E1		33A		
05795	XA419		71		XA419	78			16B	9			CLOCMB	11	MA04NA	01	2	TQ2	F2		36A		
12869	XA419		72						16B	9			MA04NA	05	MA04NA	00	1	TQ2	F2		34A	MA0407 CLOCK	
12773	XA419		73		XA419	74			16B	9			MA0010	03	MA04NA	01	1	TQ2	F2		36B		
12774	XA419		74		XA417	75			16B	9			MA0010	04	MA08NA	01	2	TQ2	F3		35B		
12768	XA419		75						16B	9			MA00NA	05	MA00NA	00	1	TQ2	F1		37B	MA0003 CLOCK	
12772	XA419		76		XA419	73			16B	9			MA0010	02	MA12NA	01	1	TQ2	F4		37A		
05791	XA419		77		XA410	65			16B	9			CLOCMB	13	MA09NA	01	2	TQ2	F1		38B		
05794	XA419		78		XA419	77			16B	9			CLOCMB	12	MA12NA	01	2	TQ2	F4		38A		
12771	XA419		79		XA419	76			16B	9			MA0010	01	MA00NA	01	1	TQ2	F1		39B		
12934	XA419		80						16B	9			MA12NA	05	MA12NA	00	1	TQ2	F4		39A	MA1215 CLOCK	
15525	XA420		01						16B	9			MP401A	10	MD04NA	01	3	TD4	A2		02B		
11470	XA420		02										GND	01	GROUND			TD4			01A		
22845	XA420		02					PG	1EB	0			CLOCMB	02				TD4			01A		
09525	XA420		03										DNW	01				TD4					
05793	XA420		04		XA420	10			16B	9			CLOCMB	02	MD04NA	01	1	TD4	A2		04A		
13757	XA420		05		XA420	06			16B	9			MD0170	01	MD04NA	01	2	TD4	A2		03B		
13758	XA420		06		XA418	59			16B	9			MD0170	02	MD00NA	01	3	TD4	A1		05A		
15515	XA420		07						16B	9			MP400A	10	MD04NA	01	4	TD4	A2		03A		
15524	XA420		08		XA420	01			16B	9			MP401A	09	MD00NA	01	2	TD4	A1		06A		
13993	XA420		09						16B	9			MD04NA	05	MD04NA	00	1	TD4	A2		04B	MD0407 CLOCK	
05803	XA420		10		XA420	20			16B	9			CLOCMB	03	MD00NA	01	1	TD4	A1		07A		
13654	XA420		11						16B	9			MD00NA	05	MD00NA	00	1	TD4	A1		05B	MD0003 CLOCK	
00564	XA420		12										+5V	01				TD4					
15514	XA420		13		XA420	07			16B	9			MP400A	09	MD00NA	01	4	TD4	A1		06B		
13760	XA420		14		XA420	22			16B	9			MD0180	01	MD12NA	01	3	TD4	B2		09A		
09526	XA420		15										DNW	01				TD4					
11471	XA420		16										GND	01	GROUND			TD4			20B		
09527	XA420		17										DNW	01				TD4					
15523	XA420		18		XA420	08			16B	9			MP401A	08	MD12NA	01	2	TD4	B2		10A		
15513	XA420		19		XA420	13			16B	9			MP400A	08	MD12NA	01	4	TD4	B2		09B		
05802	XA420		20		XA420	26			16B	9			CLOCMB	04	MD12NA	01	1	TD4	B2		11A		
14283	XA420		21						16B	9			MD12NA	05	MD12NA	00	1	TD4	B2		10B	MD1215 CLOCK	
13761	XA420		22		XA418	57			16B	9			MD0180	02	MD08NA	01	3	TD4	B1		12A		
14164	XA420		23						16B	9			MD08NA	05	MD08NA	00	1	TD4	B1		11B	MD0811 CLOCK	
15522	XA420		24		XA420	18			16B	9			MP401A	07	MD08NA	01	2	TD4	B1		13A		
15512	XA420		25		XA420	19			16B	9			MP400A	07	MD08NA	01	4	TD4	B1		12B		
05801	XA420		26		XA420	36			16B	9			CLOCMB	05	MD08NA	01	1	TD4	B1		14A		
09528	XA420		27										DNW	01				TD4					
00565	XA420		28										+5V	01				TD4					
CONNECTOR XA420 CONTINUED ON THE NEXT PAGE ****																							

DRAWING NUMBER 149014-880 CONNECTOR UNIT ASSEMBLY NO. 149012 REV E INDEX XA420
 UNIT ASSEMBLY NAME CARD CAGE ASSY, CPU L.H. FILE IDENT T39B2CP1 DATE 09-03-82 PAGE 301

RECORD NUMBER	FROM			TO			WIRE				SIGNAL	SEQ NO	EQUATION	TERM	FACTOR	CKT OR CHIP TYPE	GROUP	LOAD OR POWER PL. LINE	TEST POINTS AND/OR	SIGNAL DESCRIPTION	ECO NO
	PREFIX	CONNECTOR	PIN	SH PG	PREFIX	CONNECTOR	PIN	SH PG	MULTI GROUP	CODE											
09529		XA420	29																		
13763		XA420	30		XA420	38				16B	9									15A	
15511		XA420	31		XA420	25				16B	9									15B	
11472		XA420	32																	21R	
14550		XA420	33							16B	9									16B	MD2023 CLOCK
15521		XA420	34		XA420	24				16B	9									16A	
14413		XA420	35							16B	9									17B	MD1619 CLOCK
05800		XA420	36		XA420	42				16B	9									17A	
15510		XA420	37		XA420	31				16B	9									18B	
13764		XA420	38		XA418	76				16B	9									18A	
09530		XA420	39																		
15520		XA420	40		XA420	34				16B	9									19A	
09531		XA420	41																		
05799		XA420	42		XA420	50				16B	9									20A	
15509		XA420	43		XA420	37				16B	9									23B	
11473		XA420	44																	27A	
14866		XA420	45							16B	9									24B	MD2831 CLOCK
13779		XA420	46		XA420	49				16B	9									21A	
14685		XA420	47							16B	9									25B	MD2427 CLOCK
15519		XA420	48		XA420	40				16B	9									22A	
13780		XA420	49		XA418	69				16B	9									26B	
05798		XA420	50		XA420	52				16B	9									23A	
09532		XA420	51																		
05797		XA420	52		XA419	65				16B	9									24A	
09533		XA420	53																		
15518		XA420	54		XA420	48				16B	9									25A	
15317		XA420	55							16B	9									29B	
15508		XA420	56		XA420	43				16B	9									26A	
15400		XA420	57							16B	9									30B	
11474		XA420	58																	40A	
15374		XA420	59							16B	9									31B	
15502		XA420	60							16B	9									28A	
15284		XA420	61							16B	9									32B	
15306		XA420	62							16B	9									29A	
09534		XA420	63																		
15313		XA420	64							16B	9									30A	
09535		XA420	65																		
15280		XA420	66							16B	9									31A	
11475		XA420	67																	40B	
15291		XA420	68							16B	9									32A	
15452		XA420	69							16B	9									35A	
15295		XA420	70							16B	9									33A	
15361		XA420	71							16B	9									36A	
15346		XA420	72							16B	9									34A	
15357		XA420	73							16B	9									36B	
15350		XA420	74							16B	9									35B	
15324		XA420	75							16B	9									37B	
15426		XA420	76							16B	9									37A	
15335		XA420	77							16B	9									38B	
15328		XA420	78							16B	9									38A	
CONNECTOR (XA420) CONTINUED ON THE NEXT PAGE ****																					

DRAWING NUMBER 149014-880 CONNECTOR UNIT ASSEMBLY NO. 149012 REV E INDEX XA420
 UNIT ASSEMBLY NAME CARD CAGE ASSY, CPU L.H. FILE IDENT T39B2CP1 DATE 09-03-82 PAGE 302

RECORD NUMBER	FROM			TO			WIRE				SIGNAL	SEQ NO	EQUATION	TERM	FACTOR	CKT OR CHIP TYPE	SWM	LOAD OR POWER PLANE	TEST POINTS AND OR	SIGNAL DESCRIPTION	ECO NO
	PREFIX	CONNECTOR	PIN	PREFIX	CONNECTOR	PIN	MULTI GROUP	CODE	COLOR	IDENT											
15339 09536		XA420 XA420	79 80					16B	9			MP117A DNW	04 01	MP214A	01	1	TD4 TD4	F1	39B		
13992 11476		XA421 XA421	01 02	XA420	09			16B	9			MD04NA GND	04 01	MD04BN GROUND	01	1	TDD TDD	BN	02B 01B		
16953 16962		XA421 XA421	03 04	XA421	15 06			16B	9			SPA081 SPA082	04 02	MD04BQ MD04BP	01	1	TDD TDD	BQ BP	02A 04A		
13987 16963		XA421 XA421	05 06	XA418 XA421	35 20			16B	9			MD0410 SPA082	02 03	MD04BI MD00BP	01	1	TDD TDD	BI AP	03B 05A		
13980 13645		XA421 XA421	07 08	XA317	61			16B	9			MD04BQ MD0010	03 03	MD04BQ MD00BI	01	1	TDD TDD	BQ AI	03A 06A		
13977 13653		XA421 XA421	09 10	XA420	11			16B	9			MD04BP MD00NA	02 04	MD04BP MD00BN	01	1	TDD TDD	BP AN	04B 07A		
13638 00566		XA421 XA421	11 12					16B	9			MD00BP +5V	02 01	MD00BP	01	1	TDD TDD	AP	05B		
13642 14282		XA421 XA421	13 14	XA326 XA420	47 21			16B	9			MD00BQ MD12NA	04 04	MD00BQ MD12BN	00	1	TDD TDD	AQ DN	06B 09A		
16954 11477		XA421 XA421	15 16	XA421	17			16B	9			SPA081 GND	05 01	MD00BQ GROUND	01	1	TDD TDD	AQ	07B 20B		
16955 14278		XA421 XA421	17 18	XA421	27			16B	9			SPA081 MD1210	06 03	MD12BQ MD12BI	01	1	TDD TDD	DQ DI	08B 10A		
14271 16964		XA421 XA421	19 20	XA327 XA421	59 22			16B	9			MD12BQ SPA082	03 04	MD12BQ MD12BP	01	1	TDD TDD	DQ DP	09B 11A		
14268 16965		XA421 XA421	21 22	XA421	36			16B	9			MD12BP SPA082	02 05	MD12BP MD08BP	01	1	TDD TDD	DP CP	10B 12A		
14149 14159		XA421 XA421	23 24					16B	9			MD08BP MD0810	02 03	MD08BP MD08BI	01	1	TDD TDD	CP CI	11B 13A		
14152 14163		XA421 XA421	25 26	XA327 XA420	76 23			16B	9			MD08BQ MD08NA	03 04	MD08BQ MD08BN	01	1	TDD TDD	CJ CN	12B 14A		
16956 00567		XA421 XA421	27 28	XA421	29			16B	9			SPA081 +5V	07 01	MD08BQ	01	1	TDD TDD	CQ	13B		
16957 14545		XA421 XA421	29 30	XA421 XA420	39 33			16B	9			SPA081 MD20NA	08 04	MD20BQ MD20BN	01	1	TDD TDD	FQ FN	14B 15A		
14540 11478		XA421 XA421	31 32	XA521	26			16B	9			MD20BQ GND	04 01	MD20BQ GROUND	00	1	TDD TDD	FQ	15B 21B		
14536 14544		XA421 XA421	33 34	XA416	64			16B	9			MD20BP MD2010	02 01	MD20BP MD20BI	00	1	TDD TDD	FP FI	16B 16A		
14399 16966		XA421 XA421	35 36	XA421	38			16B	9			MD16BP SPA082	02 06	MD16BP MD20BP	01	1	TDD TDD	EP FP	17B 17A		
14403 16967		XA421 XA421	37 38	XA517 XA421	05 50			16B	9			MD16BQ SPA082	04 07	MD16BQ MD16BP	01	1	TDD TDD	EQ EP	18B 18A		
16958 14407		XA421 XA421	39 40	XA421 XA416	41 39			16B	9			SPA081 MD1610	09 01	MD16BQ MD16BI	01	1	TDD TDD	FQ EI	19B 19A		
16959 14412		XA421 XA421	41 42	XA421 XA420	51 35			16B	9			SPA081 MD16NA	10 04	MD28BQ MD16BN	01	1	TDD TDD	HQ EN	22B 20A		
14856 11479		XA421 XA421	43 44	XA515	17			16B	9			MD28BQ GND	03 01	MD28BQ GROUND	00	1	TDD TDD	HQ	23B 27A		
14853 14865		XA421 XA421	45 46	XA420	45			16B	9			MD28BP MD28NA	02 04	MD28BP MD28BN	01	1	TDD TDD	HP HN	24B 21A		
CONNECTOR		XA421	CONTINUED ON THE NEXT PAGE ****																		

DRAWING NUMBER 149014-880 CONNECTOR UNIT ASSEMBLY NO. 149012 REV E INDEX XA421
 UNIT ASSEMBLY NAME CARD CAGE ASSY, CPU L.H. FILE IDENT T39B2CP1 DATE 09-03-82 PAGE 303

RECORD NUMBER	FROM			TO			WIRE			SIGNAL	SIGNAL NO	EQUATION	TERM	FACTORY	CKT OR CHIP TYPE	RDM	LOAD OR POWER PLANE	TEST POINTS AND/OR	SIGNAL DESCRIPTION	ECO NO
	PREFIX	CONNECTOR	PIN	PREFIX	CONNECTOR	PIN	MULTI GROUP	CODE	COLOR											
14673		XA421	47					16B	9		MD24BP	02	MD24BP	00	1	TDD	GP	25B		
14860		XA421	48		XA415	22		16B	9		MD28I0	01	MD28BI	01	1	TDD	HI	22A		
14676		XA421	45		XA521	42		16B	9		MD24BQ	03	MD24BQ	00	1	TDD	GQ	26B		
16968		XA421	50		XA421	52		16B	9		SPA082	08	MD28BP	01	1	TDD	HP	23A		
16960		XA421	51					16B	9		SPA081	11	MD24BQ	01	1	TDD	GQ	27B		
16969		XA421	52		XA421	64		16B	9		SPA082	09	MD24BP	01	1	TDD	GP	24A		
16973		XA421	53		XA421	63		16B	9		SPA083	02	MA04BQ	01	1	TDD	KQ	28B		
14675		XA421	54		XA415	06		16B	9		MD24I0	01	MD24BI	01	1	TDD	GI	25A		
12864		XA421	55					16B	9		MA04BQ	02	MA04BQ	00	1	TDD	KQ	29B		
14684		XA421	56		XA420	47		16B	9		MD24NA	04	MD24BN	01	1	TDD	GN	26A		
12861		XA421	57		XA323	37		16B	9		MA04BP	02	MA04BP	00	1	TDD	KP	30B		
22714		XA421	58								GND		GROUND			TDD		40A		
12756		XA421	59					16B	9		MA00BP	05	MA00BP	00	1	TDD	JP	31B		
12868		XA421	60		XA419	72		16B	9		MA04NA	04	MA04BN	01	1	TDD	KN	28A		
12760		XA421	61		XA528	08		16B	9		MA00BQ	04	MA00BQ	00	1	TDD	JQ	32B		
07992		XA421	62		XA322	39		16B	9		DB20DB	025	MA04BI	01	1	TDD	KI	29A	DATA BUS- 20	D02
16974		XA421	63		XA421	65		16B	9		SPA083	03	MA00BQ	01	1	TDD	JQ	33B		
16970		XA421	64		XA421	66		16B	9		SPA082	10	MA04BP	01	1	TDD	KP	30A		
16975		XA421	65		XA421	80		16B	9		SPA083	04	MA12BQ	01	1	TDD	MQ	34B		
16971		XA421	66					16B	9		SPA082	11	MA00BP	01	1	TDD	JP	31A		
22715		XA421	67								GND		GROUND			TDD		40B		
07804		XA421	68		XA322	51		16B	9		DB16DB	025	MA00BI	01	1	TDD	JI	32A	DATA BUS- 16	D02
12923		XA421	69		XA528	23		16B	9		MA12BP	05	MA12BP	00	1	TDD	MP	35A		
12767		XA421	70		XA419	75		16B	9		MA00NA	04	MA00BN	01	1	TDD	JN	33A		
08423		XA421	71		XA322	15		16B	9		DB28DB	045	MA12BI	01	1	TDD	MI	36A	DATA BUS- 28	D02
12933		XA421	72		XA419	80		16B	9		MA12NA	04	MA12BN	01	1	TDD	MN	34A		
16984		XA421	73		XA421	75		16B	9		SPA084	02	MA12BP	01	1	TDD	MP	36B		
12927		XA421	74		XA425	54		16B	9		MA12BQ	02	MA12BQ	00	1	TDD	MQ	35B		
16985		XA421	75		XA422	04		16B	9		SPA084	03	MA08BP	01	1	TDD	LP	37B		
12886		XA421	76		XA321	25		16B	9		MA08BP	02	MA08BP	00	1	TDD	LP	37A		
08196		XA421	77		XA322	27		16B	9		DB24DB	045	MA08BI	01	1	TDD	LI	38B	DATA BUS- 24	D02
12889		XA421	78					16B	9		MA08BQ	02	MA08BQ	00	1	TDD	LQ	38A		
12893		XA421	79		XA419	69		16B	9		MA08NA	04	MA08BN	01	1	TDD	LN	39B		
16976		XA421	80		XA422	03		16B	9		SPA083	05	MA08BQ	01	1	TDD	LQ	39A		
13991		XA422	01		XA421	01		16B	9		MD04NA	03	MD05BN	01	1	TDD	BN	02B		
11480		XA422	02								GND	01	GROUND			TDD		01B		
16977		XA422	03		XA422	15		16B	9		SPA083	06	MD05BQ	01	1	TDD	BQ	02A		
16986		XA422	04		XA422	06		16B	9		SPA084	04	MD05BP	01	1	TDD	BP	04A		
14060		XA422	05		XA418	33		16B	9		MD05I0	02	MD05BI	01	1	TDD	BI	03B		
16987		XA422	06		XA422	20		16B	9		SPA084	05	MD01BP	01	1	TDD	AP	05A		
14053		XA422	07		XA317	55		16B	9		MD05BQ	03	MD05BQ	00	1	TDD	BQ	03A		
13732		XA422	08					16B	9		MD01I0	03	MD01BI	01	1	TDD	AI	06A		
14050		XA422	09					16B	9		MD05BP	02	MD05BP	00	1	TDD	BP	04B		
13652		XA422	10		XA421	10		16B	9		MD00NA	03	MD01BN	01	1	TDD	AN	07A		
13721		XA422	11					16B	9		MD01BP	02	MD01BP	00	1	TDD	AP	05B		
00568		XA422	12								+5V	01				TDD				
13724		XA422	13		XA317	74		16B	9		MD01BQ	03	MD01BQ	00	1	TDD	AQ	06B		
14281		XA422	14		XA421	14		16B	9		MD12NA	03	MD13BN	01	1	TDD	DN	09A		
CONNECTOR XA422 CONTINUED ON THE NEXT PAGE ****																				

DRAWING NUMBER 149014-880 CONNECTOR UNIT ASSEMBLY NO. 149012 REV E INDEX XA422
 UNIT ASSEMBLY NAME CARD CAGE ASSY, CPU L.H. FILE IDENT T39B2CP1 DATE 09-03-82 PAGE 304

RECORD NUMBER	FROM			TO			WIRE				SIGNAL	SEQ NO	EQUATION	TERM	FACTOR	CKT OR CHIP TYPE	GROUP	LOAD GP POWER PLANE	TEST POINTS ANGLE	SIGNAL DESCRIPTION	ECO NO
	PREFIX	CONNECTOR	PIN	PREFIX	CONNECTOR	PIN	DI	MULTI GROUP	CODE	COLOP											
16578	XA422	15		XA422	17			16B	9		SPA083	07	MD01BQ	01	1	TDD	AQ		07B		
22716	XA422	16									GND		GRCUND			TDD			20B		
16979	XA422	17		XA422	27			16B	9		SPA083	08	MD13BQ	01	1	TDD	DQ		08B		
14311	XA422	18						16B	9		MD13IO	03	MD13BI	01	1	TDD	DI		10A		
14304	XA422	19		XA327	53			16B	9		MD13BQ	03	MD13BQ	00	1	TDD	DQ		09B		
16988	XA422	20		XA422	22			16B	9		SPA084	06	MD13BP	01	1	TDD	DP		11A		
14301	XA422	21						16B	9		MD13BP	02	MD13BP	00	1	TDD	DP		10R		
16989	XA422	22		XA422	36			16B	9		SPA084	07	MD09BP	01	1	TDD	CP		12A		
14186	XA422	23						16B	9		MD09BP	02	MD09BP	00	1	TDD	CP		11B		
14196	XA422	24						16B	9		MD09BI	03	MD09BI	01	1	TDD	CI		13A		
14189	XA422	25		XA327	65			16B	9		MD09BQ	03	MD09BQ	00	1	TDD	CQ		12B		
14162	XA422	26		XA421	26			16B	9		MD08NA	03	MD09BN	01	1	TDD	CN		14A		
16980	XA422	27		XA422	29			16B	9		SPA083	09	MD09BQ	01	1	TDD	CQ		13B		
00569	XA422	28									+5V	01				TDD					
16981	XA422	29		XA422	39			16B	9		SPA083	10	MD21BQ	01	1	TDD	FQ		14B		
14548	XA422	30		XA421	30			16B	9		MD20NA	03	MD21BN	01	1	TDD	FN		15A		
14578	XA422	31		XA521	24			16B	9		MD21BQ	04	MD21BQ	00	1	TDD	FQ		15B		
11461	XA422	32									GND	01	GROUND			TDD			21B		
14574	XA422	33						16B	9		MD21BP	02	MD21BP	00	1	TDD	FP		16B		
14582	XA422	34		XA416	55			16B	9		MD21IO	01	MD21BI	01	1	TDD	FI		16A		
14437	XA422	35						16B	9		MD17BP	02	MD17BP	00	1	TDD	EP		17B		
16990	XA422	36		XA422	38			16B	9		SPA084	08	MD21BP	01	1	TDD	FP		17A		
14441	XA422	37		XA521	08			16B	9		MD17BQ	04	MD17BQ	00	1	TDD	EQ		18B		
16991	XA422	38		XA422	50			16B	9		SPA084	09	MD17BP	01	1	TDD	EP		18A		
16982	XA422	39						16B	9		SPA083	11	MD17BQ	01	1	TDD	EQ		19B		
14445	XA422	40		XA416	50			16B	9		MD17IO	01	MD17BI	01	1	TDD	EI		19A		
16995	XA422	41		XA422	51			16B	9		SPA085	02	MD29BQ	01	1	TDD	HQ		22B		
14411	XA422	42		XA421	42			16B	9		MD16NA	03	MD17BN	01	1	TDD	EN		20A		
14907	XA422	43		XA515	31			16B	9		MD29BQ	03	MD29BQ	00	1	TDD	HQ		23B		
11482	XA422	44									GND	01	GROUND			TDD			27A		
14904	XA422	45						16B	9		MD29BP	02	MD29BP	00	1	TDD	HP		24B		
14864	XA422	46		XA421	46			16B	9		MD28NA	03	MD29BN	01	1	TDD	HN		21A		
14710	XA422	47						16B	9		MD25BP	03	MD25BP	00	1	TDD	GP		25B		
14911	XA422	48		XA415	14			16B	9		MD29IO	01	MD29BI	01	1	TDD	HI		22A		
14713	XA422	49		XA521	40			16B	9		MD25BQ	03	MD25BQ	00	1	TDD	GQ		26B		
16992	XA422	50		XA422	52			16B	9		SPA084	10	MD29BP	01	1	TDD	HP		23A		
16996	XA422	51		XA422	53			16B	9		SPA085	03	MD25BQ	01	1	TDD	GQ		27B		
16993	XA422	52						16B	9		SPA084	11	MD25BP	01	1	TDD	GP		24A		
16997	XA422	53		XA422	63			16B	9		SPA085	04	MA05BQ	01	1	TDD	KQ		28B		
14716	XA422	54		XA415	01			16B	9		MD25IO	01	MD25BI	01	1	TDD	GI		25A		
12874	XA422	55						16B	9		MA05BQ	02	MA05BQ	00	1	TDD	KQ		29B		
14683	XA422	56		XA421	56			16B	9		MD24NA	03	MD25BN	01	1	TDD	GN		26A		
12871	XA422	57		XA323	31			16B	9		MA05BP	02	MA05BP	00	1	TDD	KP		30B		
22717	XA422	58									GND		GRCUND			TDD			40A		
12824	XA422	59						16B	9		MA01BP	05	MA01BP	00	1	TDD	JP		31B		
12867	XA422	60		XA421	60			16B	9		MA04NA	03	MA05BN	01	1	TDD	KN		28A		
12828	XA422	61		XA528	10			16B	9		MA01BQ	04	MA01BQ	00	1	TDD	JQ		32B		
08044	XA422	62		XA323	33			16B	9		DB21DB	035	MA05BI	01	1	TDD	KI		29A		
16998	XA422	63		XA422	65			16B	9		SPA085	05	MA01BQ	01	1	TDD	JQ		33B		
17006	XA422	64		XA422	66			16B	9		SPA086	02	MA05BP	01	1	TDD	KP		30A		
CONNECTOR	XA422	CONTINUED ON THE NEXT PAGE ****																			

DRAWING NUMBER 149014-880 CONNECTOR UNIT ASSEMBLY NO. 149012 REV E INDEX XA422
 UNIT ASSEMBLY NAME CARD CAGE ASSY, CPU L.H. FILE IDENT T39B2CP1 DATE 09-03-82 PAGE 305

RECORD NUMBER	FROM				TO				WIRE				SIGNAL	SQ NO	EQUATION	TERM	FACT	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											
16999		XA422	65			XA422	80			16B	9			SPA085	06	MA13BQ	01	1	TDD	MQ		34B	
17007		XA422	66			XA422	73			16B	9			SPA086	03	MA01BP	01	1	TDD	JP		31A	
22718		XA422	67											GND		GROUND			TDD			40B	
07850		XA422	68			XA323	45			16B	9			DB17DB	045	MA01BI	01	1	TDD	JI		32A	
12940		XA422	69			XA425	52			16B	9			MA13BP	04	MA13BP	00	1	TDD	MP		35A	
12766		XA422	70			XA421	70			16B	9			MA00NA	03	MA01BN	01	1	TDD	JN		33A	
08483		XA422	71			XA323	09			16B	9			DB29DB	055	MA13BI	01	1	TDD	MI		38A	
12932		XA422	72			XA421	72			16B	9			MA12NA	03	MA13BN	01	1	TDD	MN		34A	
17008		XA422	73			XA422	75			16B	9			SPA086	04	MA13BP	01	1	TDD	MP		36B	
12946		XA422	74			XA528	29			16B	9			MA13BQ	03	MA13BQ	00	1	TDD	MQ		35B	
17009		XA422	75			XA423	04			16B	9			SPA086	05	MA09BP	01	1	TDD	LP		37B	
12896		XA422	76			XA321	19			16B	9			MA09BP	02	MA09BP	00	1	TDD	LP		37A	
08252		XA422	77			XA323	21			16B	9			DB25DB	055	MA09BI	01	1	TDD	LI		38B	
12899		XA422	78							16B	9			MA09BQ	02	MA09BQ	00	1	TDD	LQ		38A	
12892		XA422	79			XA421	79			16B	9			MA08NA	03	MA09BN	01	1	TDD	LN		39B	
17000		XA422	80			XA423	03			16B	9			SPA085	07	MA09BQ	01	1	TDD	LQ		39A	
13990		XA423	01			XA422	01			16B	9			MD04NA	02	MD06BN	01	1	TDD	BN		02B	
11483		XA423	02											GND	01	GROUND			TDD			01B	
17001		XA423	03			XA423	15			16B	9			SPA085	08	MD06BQ	01	1	TDD	BQ		02A	
17010		XA423	04			XA423	06			16B	9			SPA086	06	MD06BP	01	1	TDD	BP		04A	
14093		XA423	05			XA418	47			16B	9			MD06IO	02	MD06BI	01	1	TDD	BI		03B	
17011		XA423	06			XA423	20			16B	9			SPA086	07	MD02BP	01	1	TDD	AP		05A	
14086		XA423	07			XA317	64			16B	9			MD06BQ	03	MD06BQ	00	1	TDD	BQ		03A	
13778		XA423	08							16B	9			MD02IO	03	MD02BI	01	1	TDD	AI		06A	
14083		XA423	09			XA422	10			16B	9			MD06BP	02	MD06BP	00	1	TDD	BP		04B	
13651		XA423	10							16B	9			MD03NA	02	MD02BN	01	1	TDD	AN		07A	
13767		XA423	11							16B	9			MD02BP	02	MD02BP	00	1	TDD	AP		05B	
00570		XA423	12											+5V	01				TDD				
13771		XA423	13			XA326	48			16B	9			MD02BQ	04	MD02BQ	00	1	TDD	AQ		06B	
14280		XA423	14			XA422	14			16B	9			MD12NA	02	MD14BN	01	1	TDD	DN		09A	
17002		XA423	15			XA423	17			16B	9			SPA085	09	MD02BQ	01	1	TDD	AQ		07B	
11484		XA423	16											GND	01	GROUND			TDD			20B	
17003		XA423	17			XA423	27			16B	9			SPA085	10	MD14BQ	01	1	TDD	DQ		08B	
14343		XA423	18							16B	9			MD14IO	03	MD14BI	01	1	TDD	DI		10A	
14336		XA423	19			XA327	62			16B	9			MD14BQ	03	MD14BQ	00	1	TDD	DQ		09B	
17012		XA423	20			XA423	22			16B	9			SPA086	08	MD14BP	01	1	TDD	DP		11A	
14333		XA423	21							16B	9			MD14BP	02	MD14BP	00	1	TDD	DP		10B	
17013		XA423	22			XA423	36			16B	9			SPA086	09	MD10BP	01	1	TDD	CP		12A	
14218		XA423	23							16B	9			MD10BP	02	MD10BP	00	1	TDD	CP		11B	
14228		XA423	24							16B	9			MD10IO	03	MD10BI	01	1	TDD	CI		13A	
14221		XA423	25			XA327	71			16B	9			MD10BQ	03	MD10BQ	00	1	TDD	CQ		12B	
14161		XA423	26			XA422	26			16B	9			MD03NA	02	MD10BN	01	1	TDD	CN		14A	
17004		XA423	27							16B	9			SPA085	11	MD10BQ	01	1	TDD	CQ		13B	
00571		XA423	28											+5V	01				TDD				
17017		XA423	29			XA423	39			16B	9			SPA087	02	MD22BQ	01	1	TDD	FQ		14B	
14547		XA423	30			XA422	30			16B	9			MD20NA	02	MD22BN	01	1	TDD	FN		15A	
14611		XA423	31			XA521	19			16B	9			MD22BQ	04	MD22BQ	00	1	TDD	FQ		15B	
16934		XA423	32											GND		GROUND			TDD			21B	
CONNECTOR		XA423	CONTINUED ON THE NEXT PAGE ****																				

DRAWING NUMBER 149014-880 CONNECTOR UNIT ASSEMBLY NO. 149012 REV E INDEX XA423
 UNIT ASSEMBLY NAME CARD CAGE ASSY, CPU L.H. FILE IDENT T39B2CP1 DATE 09-03-82 PAGE 306

RECORD NUMBER	FROM				TO				WIRE				SIGNAL	SEQ NO	EQUATION	TERM	FCTR	CKT OR CHIP TYPE	OHAM	LOAD OF POWER PLANE	TEST POINTS (LAND OR)	SIGNAL DESCRIPTION	ECO NO
	PREFIX	CONNECTOR	PIN	SH	PREFIX	CONNECTOR	PIN	SH	MULTI GROUP	CODE	COLOR	IDENT											
14607		XA423	33						16B	9			MD22BP	02	MD22BP	00	1	TDD	FP		16B		
14615		XA423	34		XA416	63			16B	9			MD22I0	01	MD22BI	01	1	TDD	FI		16A		
14470		XA423	35						16B	9			MD18BP	02	MD18BP	00	1	TDD	EP		17B		
17014		XA423	36		XA423	38			16B	9			SPA086	10	MD22BP	01	1	TDD	FP		17A		
14474		XA423	37		XA521	07			16B	9			MD18BQ	04	MD18BQ	00	1	TDD	EQ		18B		
17015		XA423	38						16B	9			SPA086	11	MD18BP	01	1	TDD	EP		18A		
17018		XA423	39		XA423	41			16B	9			SPA087	03	MD18BQ	01	1	TDD	EQ		19B		
14478		XA423	40		XA416	43			16B	9			MD18I0	01	MD18BI	01	1	TDD	EI		19A		
17019		XA423	41		XA423	51			16B	9			SPA087	04	MD30BQ	01	1	TDD	HQ		22B		
14410		XA423	42		XA422	42			16B	9			MD16NA	02	MD18BN	01	1	TDD	EN		20A		
14919		XA423	43		XA521	43			16B	9			MD30BQ	03	MD30BQ	00	1	TDD	HQ		23B		
11485		XA423	44										GND	01	GROUND			TDD			27A		
14916		XA423	45						16B	9			MD30BP	02	MD30BP	00	1	TDD	HP		24B		
14863		XA423	46		XA422	46			16B	9			MD28NA	02	MD30BN	01	1	TDD	HN		21A		
14741		XA423	47						16B	9			MD26BP	02	MD26BP	00	1	TDD	GP		25B		
14923		XA423	48		XA415	21			16B	9			MD30I0	01	MD30BI	01	1	TDD	HI		22A		
14743		XA423	49		XA521	29			16B	9			MD26BQ	02	MD26BQ	00	1	TDD	GQ		26B		
17028		XA423	50		XA423	52			16B	9			SPA088	02	MD30BP	01	1	TDD	HP		23A		
17020		XA423	51		XA423	53			16B	9			SPA087	05	MD26BQ	01	1	TDD	GQ		27B		
17029		XA423	52		XA423	64			16B	9			SPA088	03	MD26BP	01	1	TDD	GP		24A		
17021		XA423	53		XA423	63			16B	9			SPA087	06	MA06BQ	01	1	TDD	KQ		28B		
14748		XA423	54		XA415	09			16B	9			MD26I0	01	MD26BI	01	1	TDD	GI		25A		
12879		XA423	55						16B	9			MA06BQ	02	MA06BQ	00	1	TDD	KQ		29B		
14682		XA423	56		XA422	56			16B	9			MD24NA	02	MD26BN	01	1	TDD	GN		26A		
12876		XA423	57		XA323	36			16B	9			MA06BP	02	MA06BP	00	1	TDD	KP		30B		
22715		XA423	58										GND		GROUND			TDD			40A		
12838		XA423	59						16B	9			MA02BP	05	MA02BP	00	1	TDD	JP		31B		
12866		XA423	60		XA422	60			16B	9			MA04NA	02	MA06BN	01	1	TDD	KN		28A		
12842		XA423	61		XA526	36			16B	9			MA02BQ	04	MA02BQ	00	1	TDD	JQ		32B		
08094		XA423	62		XA324	30			16B	9			DB22DB	045	MA06BI	01	1	TDD	KI		29A	DATA BUS- 22	D02
17022		XA423	63		XA423	65			16B	9			SPA087	07	MA02BQ	01	1	TDD	JQ		33B		
17030		XA423	64		XA423	66			16B	9			SPA088	04	MA06BP	01	1	TDD	KP		30A		
17023		XA423	65		XA423	80			16B	9			SPA087	08	MA14BQ	01	1	TDD	MQ		34B		
17031		XA423	66		XA423	73			16B	9			SPA088	05	MA02BP	01	1	TDD	JP		31A		
22720		XA423	67										GND		GROUND			TDD			40B		
07896		XA423	68		XA324	46			16B	9			DB18DB	045	MA02BI	01	1	TDD	JI		32A	DATA BUS- 18	D02
12954		XA423	69		XA425	59			16B	9			MA14BP	05	MA14BP	00	1	TDD	MP		35A		
12765		XA423	70		XA422	70			16B	9			MA00NA	02	MA02BN	01	1	TDD	JN		33A		
08543		XA423	71		XA324	01			16B	9			DB3JDB	065	MA14BI	01	1	TDD	MI		36A	DATA BUS- 30	D02
12931		XA423	72		XA422	72			16B	9			MA12NA	02	MA14BN	01	1	TDD	MN		34A		
17032		XA423	73		XA423	75			16B	9			SPA088	06	MA14BP	01	1	TDD	MP		36B		
12959		XA423	74		XA528	54			16B	9			MA14BQ	03	MA14BQ	00	1	TDD	MQ		35B		
17033		XA423	75		XA424	04			16B	9			SPA088	07	MA10BP	01	1	TDD	LP		37B		
12902		XA423	76		XA321	20			16B	9			MA10BP	03	MA10BP	00	1	TDD	LP		37A		
08306		XA423	77		XA324	14			16B	9			DB26DB	065	MA10BI	01	1	TDD	LI		38B	DATA BUS- 26	D02
12905		XA423	78						16B	9			MA10BQ	02	MA10BQ	00	1	TDD	LQ		38A		
12891		XA423	79		XA422	79			16B	9			MA08NA	02	MA10BN	01	1	TDD	LN		39B		
17024		XA423	80		XA424	03			16B	9			SPA087	09	MA10BQ	01	1	TDD	LQ		39A		

DRAWING NUMBER 149014-880 CONNECTOR UNIT ASSEMBLY NO. 149012 REV E INDEX XA424
 UNIT ASSEMBLY NAME CARD CAGE ASSY, CPU L.H. FILE IDENT T39B2CP1 DATE 09-03-82 PAGE 307

RECORD NUMBER	FROM			TO			WIRE				SIGNAL	SEC 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	SM. G.	MULTI GROUP	COEF	COLCH											
13989		XA424	01		XA423	01			168	9		MD04NA	01	MD078N	01	1	TDD	BN		02B	
11486		XA424	02								GND	01	GROUND	01	1	TDD				01B	
17025		XA424	03		XA424	15			168	9	SPA087	10	MD078Q	01	1	TDD	BQ		02A		
17034		XA424	04		XA424	06			168	9	SPA088	08	MD078P	01	1	TDD	BP		04A		
14126		XA424	05		XA418	45			168	9	MD0710	02	MD078I	01	1	TDD	BI		03B		
17035		XA424	06		XA424	20			168	9	SPA088	09	MD038P	01	1	TDD	AP		05A		
14120		XA424	07		XA326	42			168	9	MD078Q	04	MD078Q	01	1	TDD	BQ		03A		
15877		XA424	08						168	9	MD0310	03	MD038I	01	1	TDD	AI		06A		
14116		XA424	09						168	9	MD078P	02	MD078P	01	1	TDD	BP		04B		
13650		XA424	10		XA423	10			168	9	MD00NA	01	MD038N	01	1	TDD	AN		07A		
13866		XA424	11						168	9	MD038P	02	MD038P	01	1	TDD	AP		05E		
00572		XA424	12								+5V	01	TDD								
13870		XA424	13		XA326	54			168	9	MD038Q	04	MD038Q	01	1	TDD	AQ		06B		
14279		XA424	14		XA423	14			168	9	MD12NA	01	MD158N	01	1	TDD	DN		09A		
17026		XA424	15						168	9	SPA087	11	MD038Q	01	1	TDD	AQ		07B		
16938		XA424	16								GND		GROUND			TDD			20B		
17039		XA424	17		XA424	27			168	9	SPA089	02	MD158Q	01	1	TDD	DQ		08B		
14375		XA424	18						168	9	MD1510	03	MD158I	01	1	TDD	DI		10A		
14368		XA424	19		XA327	68			168	9	MD158Q	03	MD158Q	01	1	TDD	DQ		09B		
17036		XA424	20		XA424	22			168	9	SPA088	10	MD158P	01	1	TDD	DP		11A		
14565		XA424	21						168	9	MD158P	02	MD158P	01	1	TDD	DP		10B		
17037		XA424	22						168	9	SPA088	11	MD118P	01	1	TDD	CP		12A		
14248		XA424	23						168	9	MD118P	02	MD118P	01	1	TDD	CP		11B		
14258		XA424	24						168	9	MD1110	03	MD118I	01	1	TDD	CI		13A		
14251		XA424	25		XA327	77			168	9	MD118Q	03	MD118Q	01	1	TDD	CQ		12B		
14160		XA424	26		XA423	26			168	9	MD08NA	01	MD118N	01	1	TDD	CN		14A		
17040		XA424	27		XA424	29			168	9	SPA089	03	MD118Q	01	1	TDD	CQ		13B		
00573		XA424	28								+5V	01	TDD								
17041		XA424	29		XA424	39			168	9	SPA089	04	MD238Q	01	1	TDD	FQ		14B		
14546		XA424	30		XA423	30			168	9	MD20NA	01	MD238N	01	1	TDD	FN		15A		
14644		XA424	31		XA521	17			168	9	MD238Q	04	MD238Q	01	1	TDD	FQ		15B		
17051		XA424	32								GND		GROUND			TDD			21B		
14640		XA424	33						168	9	MD238P	02	MD238P	01	1	TDD	FP		16B		
14648		XA424	34		XA416	73			168	9	MD2310	01	MD238I	01	1	TDD	FI		16A		
14503		XA424	35						168	9	MD198P	02	MD198P	01	1	TDD	EP		17B		
17053		XA424	36		XA424	38			168	9	SPA090	02	MD238P	01	1	TDD	FP		17A		
14507		XA424	37		XA521	03			168	9	MD198Q	04	MD198Q	01	1	TDD	EQ		18B		
17054		XA424	38		XA424	50			168	9	SPA090	03	MD198P	01	1	TDD	EP		18A		
17042		XA424	39		XA424	41			168	9	SPA089	05	MD198Q	01	1	TDD	EQ		19B		
14511		XA424	40		XA416	51			168	9	MD1910	01	MD198I	01	1	TDD	EI		19A		
17043		XA424	41		XA424	51			168	9	SPA089	06	MD318Q	01	1	TDD	HQ		22B		
14409		XA424	42		XA423	42			168	9	MD16NA	01	MD198N	01	1	TDD	EN		20A		
14931		XA424	43		XA521	41			168	9	MD318Q	03	MD318Q	01	1	TDD	HQ		23B		
11487		XA424	44								GND	01	GROUND			TDD			27A		
14928		XA424	45						168	9	MD318P	02	MD318P	01	1	TDD	HP		24B		
14862		XA424	46		XA423	46			168	9	MD28NA	01	MD318N	01	1	TDD	HN		21A		
14810		XA424	47						168	9	MD278P	02	MD278P	01	1	TDD	GP		25B		
14935		XA424	48		XA415	27			168	9	MD3110	01	MD318I	01	1	TDD	HI		22A		
14813		XA424	49		XA515	18			168	9	MD278Q	03	MD278Q	01	1	TDD	GQ		26B		
17055		XA424	50		XA424	52			168	9	SPA090	04	MD318P	01	1	TDD	HP		23A		
CONNECTOR XA424 CONTINUED ON THE NEXT PAGE ****																					

DRAWING NUMBER 149014-880 CONNECTOR UNIT ASSEMBLY NO. 149012 REV E INDEX XA424
 UNIT ASSEMBLY NAME CARD CAGE ASSY, CPU L.H. FILE IDENT T39B2CP1 DATE 09-03-82 PAGE 308

RECORD NUMBER	FROM				TO				WIRE				SIGNAL	SEQ NO	EQUATION	TYPN	FACTOR	CKT OP CHOP TYPE	CHOP	LOAD CP POWER PLATE	TEST POINTS ANGLE	SIGNAL DESCRIPTION	ECO NO
	PREFIX	CONNECTOR	PIN	SH/FC	PREFIX	CONNECTOR	PIN	SH/FC	MULTI GROUP	CODE	COLOR	IDENT											
17044	XA424	51		XA424	53				16B	9			SPA089	07	MD27BQ	01	1	TDD	GQ		27B		
17056	XA424	52		XA424	64				16B	9			SPA090	05	MD27BP	01	1	TDD	GP		24A		
17045	XA424	53		XA424	63				16B	9			SPA089	08	MA07B0	01	1	TDD	KQ		28B		
14817	XA424	54		XA415	15				16B	9			MD2710	01	MD27BI	01	1	TDD	GI		25A		
12884	XA424	55							16B	9			MA07B0	02	MA07BQ	00	1	TDD	KQ		29B		
14681	XA424	56		XA423	56				16B	9			MD24NA	01	MD27BN	01	1	TDD	GN		26A		
12881	XA424	57		XA323	42				16B	9			MA07BP	02	MA07BP	00	1	TDD	KP		30B		
22721	XA424	58											GND		GROUND			TDD			40A		
12852	XA424	59							16B	9			MA03BP	05	MA03BP	00	1	TDD	JP		31B		
12865	XA424	60		XA423	60				16B	9			MA04NA	01	MA07BN	01	1	TDD	KN		29A		
12856	XA424	61		XA526	40				16B	9			MA03BQ	04	MA03BQ	00	1	TDD	JQ		32B		
08144	XA424	62		XA325	38				16B	9			DB230E	055	MA07BI	01	1	TDD	KI		29A	DATA BUS- 23 D02	
17046	XA424	63		XA424	65				16B	9			SPA089	09	MA03BQ	01	1	TDD	JQ		33B		
17057	XA424	64		XA424	66				16B	9			SPA090	06	MA07BP	01	1	TDD	KP		30A		
17047	XA424	65		XA424	80				16B	9			SPA089	10	MA15BQ	01	1	TDD	MQ		34B		
17058	XA424	66		XA424	73				16B	9			SPA090	07	MA03BP	01	1	TDD	JP		31A		
22722	XA424	67											GND		GROUND			TDD			40B		
07944	XA424	68		XA325	52				16B	9			DB190B	055	MA03BI	01	1	TDD	JI		32A	DATA BUS- 19 D02	
12967	XA424	69		XA425	77				16B	9			MA15BP	05	MA15BP	00	1	TDD	MP		35A		
12764	XA424	70		XA423	70				16B	9			MA00NA	01	MA03BN	01	1	TDD	JN		33A		
08603	XA424	71		XA325	06				16B	9			DB310B	075	MA15BI	01	1	TDD	MI		36A	DATA BUS- 31 D02	
12930	XA424	72		XA423	72				16B	9			MA12NA	01	MA15BN	01	1	TDD	MN		34A		
17059	XA424	73		XA424	75				16B	9			SPA090	08	MA15BP	01	1	TDD	MP		36B		
12971	XA424	74		XA425	66				16B	9			MA15BQ	03	MA15BQ	00	1	TDD	MQ		35B		
17060	XA424	75		XA433	03				16B	9			SPA090	09	MA11BP	01	1	TDD	LP		37B		
12911	XA424	76		XA515	24				16B	9			MA11BP	04	MA11BP	00	1	TDD	LP		37A		
08360	XA424	77		XA325	22				16B	9			DB270B	075	MA11BI	01	1	TDD	LI		38B	DATA BUS- 27 D02	
12914	XA424	78							16B	9			MA11BQ	02	MA11BQ	00	1	TDD	LQ		38A		
12890	XA424	79		XA423	79				16B	9			MA08NA	01	MA11BN	01	1	TDD	LN		39B		
17048	XA424	80							16B	9			SPA089	11	MA11BQ	01	1	TDD	LQ		39A		
06360	XA425	01							16B	9			CMM0Q0	09	MC002A	01	2	TT3	A2		02B	E03	
11488	XA425	02											GND	01	GROUND			TT3			01B		
12758	XA425	03		XA425	06				16B	9			MA00BQ	02	MC002A	01	3	TT3	A2		02A		
13215	XA425	04							16B	9			MC000A	07	MC000A	00	1	TT3	A1		04A		
12822	XA425	05		XA425	22				16B	9			MA01BP	03	MC002A	01	1	TT3	A2		03B		
12759	XA425	06		XA421	61				16B	9			MA00BQ	02	MC000A	01	3	TT3	A1		05A		
13229	XA425	07							16B	9			MC002A	07	MC002A	00	1	TT3	A2		03A		
06358	XA425	08		XA425	09				16B	9			CMM0Q0	07	MC000A	01	2	TT3	A1		06A	E03	
06359	XA425	09		XA425	01				16B	9			CMM0Q0	08	MC004A	01	1	TT3	A3		04B	E03	
12827	XA425	10		XA422	61				16B	9			MA01BQ	03	MC000A	01	1	TT3	A1		07A		
12754	XA425	11		XA425	24				16B	9			MA00BP	03	MC004A	01	2	TT3	A3		05B		
00574	XA425	12											+5V	01				TT3					
12826	XA425	13		XA425	10				16B	9			MA01BQ	02	MC004A	01	3	TT3	A3		06B		
12854	XA425	14		XA425	42				16B	9			MA03BQ	02	MC008A	01	2	TT3	B2		09A		
13241	XA425	15		XA426	11				16B	9			MC004A	05	MC004A	00	1	TT3	A3		07B		
11489	XA425	16											GND	01	GROUND			TT3			21B		
12840	XA425	17		XA425	23				16B	9			MA02BQ	02	MC008A	01	3	TT3	B2		08B		
06357	XA425	18		XA425	08				16B	9			CMM0Q0	06	MC008A	01	1	TT3	B2		10A	E03	
CONNECTOR (XA425) CONTINUED ON THE NEXT PAGE ****																							

DRAWING NUMBER 149014-880 CONNECTOR UNIT ASSEMBLY NO. 149012 REV E INDEX XA425
 UNIT ASSEMBLY NAME CARD CAGE ASSY, CPU L.H. FILE IDENT T39B2CP1 DATE 09-03-82 PAGE 309

RECORD NUMBER	FROM			TO			WIRE		SIGNAL	SPD 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. (GROUP)	COLOR											
13271		XA425	19				16B	9	MC008A	07	MC008A	00	1	TT3	B2		09B		
13257		XA425	20				16B	9	MC006A	07	MC006A	00	1	TT3	B1		11A		
12850		XA425	21		XA425	30	16B	9	MA03BP	03	MC010A	01	1	TT3	B3		10B		
12823		XA425	22		XA422	59	16B	9	MA01BP	04	MC006A	01	3	TT3	B1		12A		
12841		XA425	23		XA423	61	16B	9	MA02BQ	03	MC010A	01	2	TT3	B3		11B		
12755		XA425	24		XA421	59	16B	9	MA00BP	04	MC006A	01	2	TT3	B1		13A		
06356		XA425	25		XA425	18	16B	9	CM00Q0	05	MC010A	01	3	TT3	B3		12B		E03
06355		XA425	26		XA425	25	16B	9	CM00Q0	04	MC006A	01	1	TT3	B1		14A		E03
13284		XA425	27		XA427	17	16B	9	MC010A	06	MC010A	00	1	TT3	B3		13B		
00575		XA425	28						+5V	01				TT3					
12836		XA425	29		XA425	38	16B	9	MA02BP	03	MC014A	01	3	TT3	C2		14B		
12851		XA425	30		XA424	59	16B	9	MA03BP	04	MC014A	01	2	TT3	C2		15A		
13312		XA425	31		XA426	17	16B	9	MC014A	06	MC014A	00	1	TT3	C2		15B		
11490		XA425	32						GND	01	GROUND			TT3			27A		
12929		XA425	33				16B	9	MA12BQ	04	MC001A	01	1	TT3	C3		16B		
06354		XA425	34		XA425	26	16B	9	CM00Q0	03	MC014A	01	1	TT3	C2		16A		E03
06351		XA425	35				16B	9	MB0030	09	MC001A	01	2	TT3	C3		17B		E03
13296		XA425	36		XA426	24	16B	9	MC012A	04	MC012A	00	1	TT3	C1		17A		
12944		XA425	37		XA425	48	16B	9	MA13BQ	01	MC001A	01	3	TT3	C3		18B		
12837		XA425	38		XA423	59	16B	9	MA02BP	04	MC012A	01	3	TT3	C1		18A		
13219		XA425	39		XA427	18	16B	9	MC001A	04	MC001A	00	1	TT3	C3		19B		
06353		XA425	40		XA425	34	16B	9	CM00Q0	02	MC012A	01	2	TT3	C1		19A		E03
06350		XA425	41		XA425	35	16B	9	MB0030	08	MC005A	01	3	TT3	D2		22B		E03
12855		XA425	42		XA424	61	16B	9	MA03BQ	03	MC012A	01	1	TT3	C1		20A		
13247		XA425	43		XA426	18	16B	9	MC005A	04	MC005A	00	1	TT3	D2		23B		
11491		XA425	44						GND	01	GROUND			TT3			40A		
06349		XA425	45		XA425	41	16B	9	MB0030	07	MC007A	01	1	TT3	D3		24B		E03
12921		XA425	46		XA425	49	16B	9	MA12BP	03	MC005A	01	2	TT3	D2		21A		
12942		XA425	47		XA321	07	16B	9	MA13BP	06	MC007A	01	2	TT3	D3		25B		
12945		XA425	48		XA422	74	16B	9	MA13BQ	02	MC005A	01	1	TT3	D2		22A		
12922		XA425	49		XA421	69	16B	9	MA12BP	04	MC007A	01	3	TT3	D3		26B		
13253		XA425	50		XA427	35	16B	9	MC003A	04	MC003A	00	1	TT3	D1		23A		
13261		XA425	51		XA426	35	16B	9	MC007A	04	MC007A	00	1	TT3	D3		27B		
12941		XA425	52		XA425	47	16B	9	MA13BP	05	MC003A	01	3	TT3	D1		24A		
12966		XA425	53		XA424	69	16B	9	MA15BP	04	MC011A	01	3	TT3	E2		28B		
12928		XA425	54		XA425	33	16B	9	MA12BQ	03	MC003A	01	2	TT3	D1		25A		
13289		XA425	55		XA427	40	16B	9	MC011A	04	MC011A	00	1	TT3	E2		29B		
06348		XA425	56		XA425	45	16B	9	MB0030	06	MC003A	01	1	TT3	D1		26A		E03
06346		XA425	57		XA425	60	16B	9	MB0030	04	MC013A	01	1	TT3	E3		30B		E03
11492		XA425	58						GND	01	GROUND			TT3			40B		
12955		XA425	59		XA321	04	16B	9	MA14BP	06	MC013A	01	2	TT3	E3		31B		
06347		XA425	60		XA425	56	16B	9	MB0030	05	MC011A	01	2	TT3	E2		29A		E03
12973		XA425	61				16B	9	MA15BQ	05	MC013A	01	3	TT3	E3		32B		
12957		XA425	62		XA425	68	16B	9	MA14BQ	01	MC011A	01	1	TT3	E2		29A		
13300		XA425	63				16B	9	MC013A	07	MC013A	00	1	TT3	E3		33B		
13276		XA425	64				16B	9	MC009A	07	MC009A	00	1	TT3	F1		30A		
06345		XA425	65		XA411	57	16B	9	CMNOBP	03	MA000A	01	3	TT3	F2		34B		
12972		XA425	66		XA425	61	16B	9	MA15BQ	04	MC009A	01	3	TT3	E1		31A		
11493		XA425	67						GND	01	GROUND			TT3					
12956		XA425	68		XA423	74	16B	9	MA14BQ	02	MC009A	01	2	TT3	E1		32A		
CONNECTOR XA425 CONTINUED ON THE NEXT PAGE ***																			

DRAWING NUMBER 149014-880 CONNECTOR UNIT ASSEMBLY NO. 149012 REV E INDEX XA425
 UNIT ASSEMBLY NAME CARD CAGE ASSY, CPU L.H. FILE IDENT T39B2CP1 DATE 09-03-82 PAGE 310

RECORD NUMBER	FROM			TO			WIRE				SIGNAL	SEQ NO	EQUATION	TERM YW	CKT OR CHIP TYPE	LOAD OF POWER PLANE	TEST POINTS (END OR)	SIGNAL DESCRIPTION	ECO NO		
	PREFIX	CONNECTOR	PIN	SH PG	PREFIX	CONNECTOR	PIN	SH PG	MULTI GROUP	CODE										COLOR	IDENT
06521		XA425	69			XA411	78			16B	9		CMN1BQ	04	MA002A	01	1	TT3	F3	35A	
06345		XA425	70			XA425	57			16B	9		M80030	03	MC009A	01	1	TT3	E1	33A	E03
06529		XA425	71			XA411	69			16B	9		CMN2BP	03	MA000A	01	1	TT3	F2	34A	
06520		XA425	72			XA425	69			16B	9		CMN1BQ	03	MA000A	01	2	TT3	F2	34A	
13315		XA425	73			XA426	74			16B	9		MC015A	02	MC015A	00	1	TT3	F1	38E	
12769		XA425	74			XA417	77			16B	9		MA000A	01	MA000A	00	1	TT3	F2	35B	
06344		XA425	75			XA425	70			16B	9		M80030	02	MC015A	01	3	TT3	F1	37B	E03
06528		XA425	76			XA425	71			16B	9		CMN2BP	02	MA002A	01	2	TT3	F3	37A	
12968		XA425	77							16B	9		MA15BP	06	MC015A	01	2	TT3	F1	38B	
06508		XA425	78			XA411	55			16B	9		CMNOBQ	04	MA002A	01	3	TT3	F3	38A	
12953		XA425	79			XA423	69			16B	9		MA14BP	04	MC015A	01	1	TT3	F1	39B	
12778		XA425	80							16B	9		MA002A	03	MA002A	00	1	TT3	F3	39A	
16044		XA426	01							16B	9		MY3000	04	MY3000	00	1	TQ2	A2	02B	
11494		XA426	02										GND	01	GROUND			TQ2		01A	
13300		XA426	03			XA426	08			16B	9		MC013A	01	MX3010	01	1	TQ2	A3	02A	
13243		XA426	04							16B	9		MC004A	07	MY3000	01	1	TQ2	A2	04A	
13250		XA426	05							16B	9		MC005A	07	MY3000	01	2	TQ2	A2	03P	
15592		XA426	06							16B	9		MX3000	04	MX3000	00	1	TQ2	A1	05A	
13299		XA426	07							16B	9		MC012A	07	MX3010	01	2	TQ2	A3	03A	
13301		XA426	08			XA426	26			16B	9		MC013A	02	MX3000	01	2	TQ2	A1	06A	
15596		XA426	09							16B	9		MX3010	04	MX3010	00	1	TQ2	A3	04B	
13298		XA426	10			XA426	07			16B	9		MC012A	06	MX3000	01	1	TQ2	A1	07A	
13242		XA426	11			XA426	04			16B	9		MC004A	06	MY3010	01	1	TQ2	A4	05B	
00576		XA426	12										+5V	01				TQ2			
13249		XA426	13			XA426	05			16B	9		MC005A	06	MY3010	01	2	TQ2	A4	06B	
16051		XA426	14							16B	9		MY3020	03	MY3020	00	1	TQ2	B2	09A	
16048		XA426	15							16B	9		MY3010	04	MY3010	00	1	TQ2	A4	07B	
11495		XA426	16										GND	01	GROUND			TQ2		01B	
13313		XA426	17							16B	9		MC014A	07	MX4000	01	1	TQ2	B3	08B	
13248		XA426	18			XA426	13			16B	9		MC005A	05	MY3020	01	2	TQ2	B2	10A	
13320		XA426	19							16B	9		MC015A	07	MX4000	01	2	TQ2	B3	09B	
13240		XA426	20			XA425	15			16B	9		MC004A	04	MY3020	01	1	TQ2	B2	11A	
15614		XA426	21							16B	9		MX4000	04	MX4000	00	1	TQ2	B3	10B	
15599		XA426	22							16B	9		MX3020	03	MX3020	00	1	TQ2	B1	12A	
13264		XA426	23							16B	9		MC007A	07	MY4000	01	1	TQ2	B4	11B	
13297		XA426	24			XA426	10			16B	9		MC012A	05	MX3020	01	2	TQ2	B1	13A	
13256		XA426	25			XA425	20			16B	9		MC006A	06	MY4000	01	2	TQ2	B4	12B	
13302		XA426	26			XA426	41			16B	9		MC013A	03	MX3020	01	1	TQ2	B1	14A	
16066		XA426	27							16B	9		MY4000	04	MY4000	00	1	TQ2	B4	13B	
00577		XA426	28										+5V	01				TQ2			
13319		XA426	29			XA426	19			16B	9		MC015A	06	MX4020	01	1	TQ2	C3	14B	
16070		XA426	30							16B	9		MY4010	04	MY4010	00	1	TQ2	C2	15A	
13311		XA426	31			XA425	31			16B	9		MC014A	05	MX4020	01	2	TQ2	C3	15B	
11496		XA426	32										GND	01	GROUND			TQ2		20B	
15621		XA426	33							16B	9		MX4020	03	MX4020	00	1	TQ2	C3	16B	
13255		XA426	34			XA426	25			16B	9		MC006A	05	MY4010	01	2	TQ2	C2	16A	
13262		XA426	35			XA426	36			16B	9		MC007A	05	MY4020	01	1	TQ2	C4	17B	
13263		XA426	36			XA426	23			16B	9		MC007A	06	MY4010	01	1	TQ2	C2	17A	
CONNECTOR (XA426) CONTINUED ON THE NEXT PAGE ****																					

DRAWING NUMBER 149014-880 CONNECTOR UNIT ASSEMBLY NO. 149012 REV E INDEX XA426
 UNIT ASSEMBLY NAME CARD CAGE ASSY, CPU L.H. FILE IDENT T39B2CP1 DATE 09-03-82 PAGE 311

RECORD NUMBER	FROM			TO			WIRE				SIGNAL	SIGNAL NO	EQUATION	TERM	FACTORY	CKT OR CHIP TYPE	GRND	LOAD OR POWER PLANE	TEST POINTS AND/OR	SIGNAL DESCRIPTION	ECO NO
	PREFIX	CONNECTOR	PIN	PREFIX	CONNECTOR	PIN	DR EG	MULTI GROUP	CODE	COLOR											
13254		XA426	37		XA426	34			16B	9		MC006A	04	MY4020	01	2	TQ2	C4		18B	
15618		XA426	38						16B	9		MX4010	04	MX4010	00	1	TQ2	C1		18A	
16073		XA426	39						16B	9		MY4020	03	MY4020	00	1	TQ2	C4		19B	
13318		XA426	40		XA426	29			16B	9		MC015A	05	MX4010	01	2	TQ2	C1		19A	
13303		XA426	41		XA426	54			16B	9		MC013A	04	MX3040	01	1	TQ2	D3		22B	
13310		XA426	42		XA426	31			16B	9		MC014A	04	MX4010	01	1	TQ2	C1		20A	
13295		XA426	43		XA425	36			16B	9		MC012A	03	MX3040	01	2	TQ2	D3		23B	
11497		XA426	44									GND	01	GROUND			TQ2			21B	
15607		XA426	45						16B	9		MX3040	04	MX3040	00	1	TQ2	D3		24B	
16055		XA426	46						16B	9		MY3030	04	MY3030	00	1	TQ2	O2		21A	
13246		XA426	47		XA425	43			16B	9		MC005A	03	MY3040	01	1	TQ2	D4		25B	
13239		XA426	48		XA426	20			16B	9		MC004A	03	MY3030	01	2	TQ2	D2		22A	
13238		XA426	49		XA426	48			16B	9		MC004A	02	MY3040	01	2	TQ2	D4		26B	
13245		XA426	50		XA426	47			16B	9		MC005A	02	MY3030	01	1	TQ2	D2		23A	
16059		XA426	51						16B	9		MY3040	04	MY3040	00	1	TQ2	D4		27B	
15603		XA426	52						16B	9		MX3030	04	MX3030	00	1	TQ2	D1		24A	
13309		XA426	53		XA426	42			16B	9		MC014A	03	MX4030	01	1	TQ2	E3		28B	
13304		XA426	54		XA426	70			16B	9		MC013A	05	MX3030	01	2	TQ2	D1		25A	
13317		XA426	55		XA426	40			16B	9		MC015A	04	MX4030	01	2	TQ2	E3		29B	
13294		XA426	56		XA426	43			16B	9		MC012A	02	MX3030	01	1	TQ2	D1		26A	
15625		XA426	57						16B	9		MX4030	04	MX4030	00	1	TQ2	E3		30B	
11496		XA426	58									GND	01	GROUND			TQ2			27A	
13253		XA426	59		XA426	37			16B	9		MC006A	03	MY4030	01	1	TQ2	E4		31B	
16062		XA426	60						16B	9		MY3050	03	MY3050	00	1	TQ2	E2		28A	
13260		XA426	61		XA425	51			16B	9		MC007A	03	MY4030	01	2	TQ2	E4		32B	
13244		XA426	62		XA426	50			16B	9		MC005A	01	MY3050	01	2	TQ2	E2		29A	
16077		XA426	63						16B	9		MY4030	04	MY4030	00	1	TQ2	E4		33B	
13237		XA426	64		XA426	49			16B	9		MC004A	01	MY3050	01	1	TQ2	E2		30A	
13308		XA426	65		XA426	53			16B	9		MC014A	02	MX4050	01	1	TQ2	F5		34B	
15610		XA426	66						16B	9		MX3050	03	MX3050	00	1	TQ2	E1		31A	
11499		XA426	67									GND	01	GROUND			TQ2			40A	
13293		XA426	68		XA426	56			16B	9		MC012A	01	MX3050	01	2	TQ2	E1		32A	
15632		XA426	69						16B	9		MX4050	03	MX4050	00	1	TQ2	F3		35A	
13305		XA426	70		XA425	63			16B	9		MC013A	06	MX3050	01	1	TQ2	E1		33A	
15252		XA426	71		XA426	59			16B	9		MC006A	02	MY4040	01	2	TQ2	F2		36A	
16081		XA426	72						16B	9		MY4040	04	MY4040	00	1	TQ2	F2		34A	
13259		XA426	73		XA426	61			16B	9		MC007A	02	MY4040	01	1	TQ2	F2		36B	
13316		XA426	74		XA426	55			16B	9		MC015A	03	MX4050	01	2	TQ2	F3		35B	
15629		XA426	75						16B	9		MX4040	04	MX4040	00	1	TQ2	F1		37B	
13251		XA426	76		XA426	71			16B	9		MC006A	01	MY4050	01	1	TQ2	F4		37A	
13307		XA426	77		XA426	65			16B	9		MC014A	01	MX4040	01	2	TQ2	F1		38B	
13258		XA426	78		XA426	73			16B	9		MC007A	01	MY4050	01	2	TQ2	F4		38A	
13314		XA426	79		XA425	73			16B	9		MC015A	01	MX4040	01	1	TQ2	F1		39B	
16084		XA426	80						16B	9		MY4050	03	MY4050	00	1	TQ2	F4		39A	
16000		XA427	01						16B	9		MY1000	04	MY1000	00	1	TQ2	A2		02B	
11500		XA427	02									GND	01	GROUND			TQ2			01A	
13272		XA427	03		XA427	08			16B	9		MC009A	01	MX1010	01	1	TQ2	A3		02A	
13213		XA427	04		XA427	11			16B	9		MC000A	05	MY1000	01	1	TQ2	A2		04A	
CONNECTOR (XA427) CONTINUED ON THE NEXT PAGE ****																					

DRAWING NUMBER 149014-880 CONNECTOR UNIT ASSEMBLY NO. 149012 REV E INDEX XA427
 UNIT ASSEMBLY NAME CARD CAGE ASSY, CPU L.H. FILE IDENT T39B2CP1 DATE 09-03-82 PAGE 312

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 ANCL OR	SIGNAL DESCRIPTION	ECO NO
	PREFIX	CONNECTOR	PIN	SN 10	PREFIX	CONNECTOR	PIN	SN 10	MULTI GROUP	CODE	COLOR												
13222		XA427	05							16B	9		MC001A	07	MY1000	01	2	TQ2	A2		03B		
15548		XA427	06							16B	9		MX1000	04	MX1000	00	1	TQ2	A1		05A		
13270		XA427	07		XA425	19				16B	9		MC008A	06	MX1010	01	2	TQ2	A3		03A		
13275		XA427	08		XA427	24				16B	9		MC009A	02	MX1000	01	2	TQ2	A1		06A		
15550		XA427	09		XA428	38				16B	9		MX1010	02	MX1010	00	1	TQ2	A3		04B		
13269		XA427	10		XA427	07				16B	9		MC008A	05	MX1000	01	1	TQ2	A1		07A		
13214		XA427	11		XA425	04				16B	9		MC000A	06	MY1010	01	1	TQ2	A4		05B		
00578		XA427	12										+5V	01				TQ2					
13221		XA427	13		XA427	05				16B	9		MC001A	06	MY1010	01	2	TQ2	A4		06B		
16007		XA427	14							16B	9		MY1020	03	MY1020	00	1	TQ2	B2		09A		
16002		XA427	15		XA428	36				16B	9		MY1010	02	MY1010	00	1	TQ2	A4		07B		
11501		XA427	16										GND	01	GROUND			TQ2			01B		
13285		XA427	17							16B	9		MC010A	07	MX2000	01	1	TQ2	B3		08B		
13220		XA427	18		XA427	13				16B	9		MC001A	05	MY1020	01	2	TQ2	B2		10A		
13292		XA427	19							16B	9		MC011A	07	MX2000	01	2	TQ2	B3		09B		
13212		XA427	20		XA427	04				16B	9		MC000A	04	MY1020	01	1	TQ2	B2		11A		
15570		XA427	21							16B	9		MX2000	04	MX2000	00	1	TQ2	B3		10B		
15555		XA427	22							16B	9		MX1020	03	MX1020	00	1	TQ2	B1		12A		
13236		XA427	23							16B	9		MC003A	07	MY2000	01	1	TQ2	B4		11B		
13274		XA427	24		XA427	43				16B	9		MC009A	03	MX1020	01	2	TQ2	B1		13A		
13228		XA427	25		XA425	07				16B	9		MC002A	06	MY2000	01	2	TQ2	B4		12B		
13268		XA427	26		XA427	10				16B	9		MC008A	04	MX1020	01	1	TQ2	B1		14A		
16022		XA427	27							16B	9		MY2000	04	MY2000	00	1	TQ2	B4		13B		
00579		XA427	28										+5V	01				TQ2					
13291		XA427	29		XA427	19				16B	9		MC011A	06	MX2020	01	1	TQ2	C3		14B		
16026		XA427	30							16B	9		MY2010	04	MY2010	00	1	TQ2	C2		15A		
13283		XA427	31		XA425	27				16B	9		MC010A	05	MX2020	01	2	TQ2	C3		15B		
11502		XA427	32										GND	01	GROUND			TQ2			20B		
15577		XA427	33							16B	9		MX2020	03	MX2020	00	1	TQ2	C3		16B		
13227		XA427	34		XA427	25				16B	9		MC002A	05	MY2010	01	2	TQ2	C2		16A		
13234		XA427	35		XA427	36				16B	9		MC003A	05	MY2020	01	1	TQ2	C4		17B		
13235		XA427	36		XA427	23				16B	9		MC003A	06	MY2010	01	1	TQ2	C2		17A		
13226		XA427	37		XA427	34				16B	9		MC002A	04	MY2020	01	2	TQ2	C4		18B		
15574		XA427	38							16B	9		MX2010	04	MX2010	00	1	TQ2	C1		18A		
16029		XA427	39							16B	9		MY2020	03	MY2020	00	1	TQ2	C4		19B		
13290		XA427	40		XA427	29				16B	9		MC011A	05	MX2010	01	2	TQ2	C1		19A		
13267		XA427	41		XA427	26				16B	9		MC008A	03	MX1040	01	1	TQ2	D3		22B		
13282		XA427	42		XA427	31				16B	9		MC010A	04	MX2010	01	1	TQ2	C1		20A		
13275		XA427	43		XA427	54				16B	9		MC009A	04	MX1040	01	2	TQ2	D3		23B		
11503		XA427	44										GND	01	GROUND			TQ2			21B		
15563		XA427	45							16B	9		MX1040	04	MX1040	00	1	TQ2	D3		24B		
16011		XA427	46							16B	9		MY1030	04	MY1030	00	1	TQ2	D2		21A		
13217		XA427	47		XA427	50				16B	9		MC001A	02	MY1040	01	1	TQ2	D4		25B		
13211		XA427	48		XA427	20				16B	9		MC000A	03	MY1030	01	2	TQ2	D2		22A		
13210		XA427	49		XA427	48				16B	9		MC000A	02	MY1040	01	2	TQ2	D4		26B		
13218		XA427	50		XA425	39				16B	9		MC001A	03	MY1030	01	1	TQ2	D2		23A		
16015		XA427	51							16B	9		MY1040	04	MY1040	00	1	TQ2	D4		27B		
15559		XA427	52							16B	9		MX1030	04	MX1030	00	1	TQ2	D1		24A		
13281		XA427	53		XA427	42				16B	9		MC010A	03	MX2030	01	1	TQ2	E3		28B		
13276		XA427	54		XA427	70				16B	9		MC009A	05	MX1030	01	2	TQ2	D1		25A		
CONNECTOR XA427 CONTINUED ON THE NEXT PAGE ****																							

DRAWING NUMBER 149014-880 CONNECTOR UNIT ASSEMBLY NO. 149012 REV E INDEX XA427
 UNIT ASSEMBLY NAME CARD CAGE ASSY, CPU L.H. FILE IDENT T39B2CP1 DATE 09-03-82 PAGE 313

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	GAUGE	MULTI GROUP	CODE	COLOR											
13288		XA427	55		XA425	55			16B	9		MC011A	03	MX2030	01	2	TQ2	E3		29B	
13266		XA427	56		XA427	41			16B	9		MC008A	02	MX1030	01	1	TQ2	D1		26A	
15581		XA427	57						16B	9		MX2030	04	MX2030	00	1	TQ2	E3		33B	
11504		XA427	58									GND	01	GROUND			TQ2			27A	
13225		XA427	59		XA427	37			16B	9		MC002A	03	MY2030	01	1	TQ2	E4		31B	
16018		XA427	60						16B	9		MY1050	03	MY1050	00	1	TQ2	E2		28A	
13232		XA427	61		XA425	50			16B	9		MC003A	03	MY2030	01	2	TQ2	E4		32B	
13209		XA427	62		XA427	49			16B	9		MC000A	01	MY1050	01	2	TQ2	E2		29A	
16033		XA427	63						16B	9		MY2030	04	MY2030	00	1	TQ2	E4		33B	
13216		XA427	64		XA427	47			16B	9		MC001A	01	MY1050	01	1	TQ2	E2		30A	
13280		XA427	65		XA427	53			16B	9		MC010A	02	MX2050	01	1	TQ2	F3		34B	
15566		XA427	66						16B	9		MX1050	03	MX1050	00	1	TQ2	E1		31A	
11505		XA427	67									GND	01	GROUND			TQ2			40A	
13265		XA427	68		XA427	56			16B	9		MC008A	01	MX1050	01	2	TQ2	E1		32A	
15588		XA427	69						16B	9		MX2050	03	MX2050	00	1	TQ2	F3		35A	
13277		XA427	70		XA425	64			16B	9		MC009A	06	MX1050	01	1	TQ2	E1		33A	
13224		XA427	71		XA427	59			16B	9		MC002A	02	MY2040	01	2	TQ2	F2		36A	
16037		XA427	72						16B	9		MY2040	04	MY2040	00	1	TQ2	F2		34A	
13231		XA427	73		XA427	61			16B	9		MC003A	02	MY2040	01	1	TQ2	F2		36B	
13287		XA427	74		XA427	55			16B	9		MC011A	02	MX2050	01	2	TQ2	F3		35B	
15585		XA427	75						16B	9		MX2040	04	MX2040	00	1	TQ2	F1		37B	
13223		XA427	76		XA427	71			16B	9		MC002A	01	MY2050	01	1	TQ2	F4		37A	
13279		XA427	77		XA427	65			16B	9		MC010A	01	MX2040	01	2	TQ2	F1		38B	
13230		XA427	78		XA427	73			16B	9		MC003A	01	MY2050	01	2	TQ2	F4		38A	
13286		XA427	79		XA427	74			16B	9		MC011A	01	MX2040	01	1	TQ2	F1		39B	
16040		XA427	80						16B	9		MY2050	03	MY2050	00	1	TQ2	F4		39A	
16043		XA428	01		XA426	01			16B	9		MY3000	03	MB00XY	01	3	MEM	AY		02B	
11506		XA428	02									GND	01	GROUND			MEM			01A	
16065		XA428	03		XA426	27			16B	9		MY4000	03	MB00XY	01	4	MEM	AY		02A	
15999		XA428	04		XA427	01			16B	9		MY1000	03	MB00XY	01	1	MEM	AY		04A	
16021		XA428	05		XA427	27			16B	9		MY2000	03	MB00XY	01	2	MEM	AY		03B	
15547		XA428	06		XA427	06			16B	9		MX1000	03	MB00XX	01	1	MEM	AX		05A	
12987		XA428	07						16B	9		MB00W0	02	MB00XV	01	1	MEM	AV		03A	
15569		XA428	08		XA427	21			16B	9		MX2000	03	MB00XX	01	2	MEM	AX		06A	
12993		XA428	09		XA419	04			16B	9		MB00XV	04	MB00XV	00	1	MEM	AV		04B	
15591		XA428	10		XA426	06			16B	9		MX3000	03	MB00XX	01	3	MEM	AX		07A	
12997		XA428	11		XA434	65			16B	9		MB00XW	03	MB00XW	00	1	MEM	AW		05B	
00580		XA428	12									+5V	01				MEM				
12985		XA428	13						16B	9		MB00V0	02	MB00XW	01	1	MEM	AW		06B	
09537		XA428	14									DNW	01				MEM				
15613		XA428	15		XA426	21			16B	9		MX4000	03	MB00XX	01	4	MEM	AX		07B	
11507		XA428	16									GND	01	GROUND			MEM			21B	
09538		XA428	17									DNW	01				MEM				
09539		XA428	18									DNW	01				MEM				
09540		XA428	19									DNW	01				MEM				
09541		XA428	20									DNW	01				MEM				
09542		XA428	21									DNW	01				MEM				
09543		XA428	22									DNW	01				MEM				
CONNECTOR (XA428) CONTINUED ON THE NEXT PAGE ****																					

DRAWING NUMBER 149014-880 CONNECTOR UNIT ASSEMBLY NO. 149012 REV E INDEX XA428
 UNIT ASSEMBLY NAME CARD CAGE ASSY, CPU L.H. FILE IDENT T39B2CP1 DATE 09-03-82 PAGE 314

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 TO	PREFIX	CONNECTOR	PIN	DR TO	MULTI GROUP	CODE	COLOR	IDENT									SPEC INST MISC	END		
09544		XA428	23										DNW	01			MEM							
09545		XA428	24										DNW	01			MEM							
09546		XA428	25										DNW	01			MEM							
09547		XA428	26										DNW	01			MEM							
09548		XA428	27										DNW	01			MEM							
00581		XA428	28										+5V	01			MEM							
16069		XA428	29		XA426	30			168	9			MY4010	03	MB04XY	01	4	MEM	BY		14B			
16047		XA428	30		XA426	15			168	9			MY3010	03	MB04XY	01	3	MEM	BY		15A			
13066		XA428	31						168	9			MB04W0	02	MB04XV	01	1	MEM	BV		15B			
11508		XA428	32										GND	01	GROUND			MEM			27A			
13069		XA428	33						168	9			MB04XV	02	MB04XV	00	1	MEM	BV		16B			
16025		XA428	34		XA427	30			168	9			MY2010	03	MB04XY	01	2	MEM	BY		16A			
13072		XA428	35		XA322	37			168	9			MB04XW	03	MB04XW	00	1	MEM	BW		17B			
16003		XA428	36		XA429	36			168	9			MY1010	03	MB04XY	01	1	MEM	BY		17A			
13064		XA428	37						168	9			MB04V0	02	MB04XW	01	1	MEM	BW		18B			
15551		XA428	38		XA429	38			168	9			MX1010	03	MB04XX	01	1	MEM	BX		18A			
15617		XA428	39		XA426	38			168	9			MX4010	03	MB04XX	01	4	MEM	BX		19B			
15573		XA428	40		XA427	38			168	9			MX2010	03	MB04XX	01	2	MEM	BX		19A			
16076		XA428	41		XA426	63			168	9			MY4030	03	MB08XY	01	4	MEM	CY		22B			
15595		XA428	42		XA426	09			168	9			MX3010	03	MB04XX	01	3	MEM	BX		20A			
13110		XA428	43						168	9			MB08W0	02	MB08XV	01	1	MEM	CV		23B			
11509		XA428	44										GND	01	GROUND			MEM			40A			
13113		XA428	45						168	9			MB08XV	03	MB08XV	00	1	MEM	CV		24B			
16054		XA428	46		XA426	46			168	9			MY3030	03	MB08XY	01	3	MEM	CY		21A			
13116		XA428	47		XA320	25			168	9			MB08XW	03	MB08XW	00	1	MEM	CW		25B			
16032		XA428	48		XA427	63			168	9			MY2030	03	MB08XY	01	2	MEM	CY		22A			
13108		XA428	49						168	9			MB08V0	02	MB08XV	01	1	MEM	CW		26B			
16010		XA428	50		XA427	46			168	9			MY1030	03	MB08XY	01	1	MEM	CY		23A			
15624		XA428	51		XA426	57			168	9			MX4030	03	MB08XX	01	4	MEM	CX		27B			
15558		XA428	52		XA427	52			168	9			MX1030	03	MB08XX	01	1	MEM	CX		24A			
09549		XA428	53										DNW	01			MEM							
15580		XA428	54		XA427	57			168	9			MX2030	03	MB08XX	01	2	MEM	CX		25A			
09550		XA428	55										DNW	01			MEM							
15602		XA428	56		XA426	52			168	9			MX3030	03	MB08XX	01	3	MEM	CX		26A			
09551		XA428	57										DNW	01			MEM							
11510		XA428	58										GND	01	GROUND			MEM			40B			
09552		XA428	59										DNW	01			MEM							
09553		XA428	60										DNW	01			MEM							
09554		XA428	61										DNW	01			MEM							
09555		XA428	62										DNW	01			MEM							
09556		XA428	63										DNW	01			MEM							
09557		XA428	64										DNW	01			MEM							
16080		XA428	65		XA426	72			168	9			MY4040	03	MB12XY	01	4	MEM	DY		34B			
09558		XA428	66										DNW	01			MEM							
13165		XA428	67										GND		GROUND			MEM						
09559		XA428	68										DNW	01			MEM							
13167		XA428	69		XA430	46			168	9			MB12XV	01	MB12XV	00	1	MEM	DV		35A			
09560		XA428	70										DNW	01			MEM							
16036		XA428	71		XA427	72			168	9			MY2040	03	MB12XY	01	2	MEM	DY		36A			
16058		XA428	72		XA426	51			168	9			MY3040	03	MB12XY	01	3	MEM	DY		34A			
CONNECTOR	XA428	CONTINUED ON THE NEXT PAGE ****																						

DRAWING NUMBER 149014-880 CONNECTOR UNIT ASSEMBLY NO. 149012 REV E INDEX XA428
 UNIT ASSEMBLY NAME CARD CAGE ASSY, CPU L.H. FILE IDENT T39B2CP1 DATE 09-03-82 PAGE 315

RECORD NUMBER	FROM				TO				WIRE				SIGNAL	SFC NO	EQUATION	TERM	FACT	CKT OR CHIP TYPE	GROUP	LOAD OR POWER PLANE	TEST POINT'S AND/OR	SIGNAL DESCRIPTION	ECO NO
	PREFIX	CONNECTOR	PIN	TO	PREFIX	CONNECTOR	PIN	TO	MULTI GROUP	CODE	COLOR	IDENT											
16014	XA428	73		XA427	51				16B	9			MY1040	03	MB12XY	01	1	MEM	OY		36B		
13164	XA428	74							16B	9			MB12W0	02	MB12XV	01	1	MEM	DV		35B		
15562	XA428	75		XA427	45				16B	9			MX1040	03	MB12XX	01	1	MEM	DX		37B		
13171	XA428	76		XA320	13				16B	9			MB12XW	03	MB12XW	00	1	MEM	DW		37A		
15584	XA428	77		XA427	75				16B	9			MX2040	03	MB12XX	01	2	MEM	DX		38B		
13162	XA428	78							16B	9			MB12V0	02	MB12XW	01	1	MEM	DW		38A		
15606	XA428	79		XA426	45				16B	9			MX3040	03	MB12XX	01	3	MEM	DX		39B		
15628	XA428	80		XA426	75				16B	9			MX4040	03	MB12XX	01	4	MEM	DX		39A		
16042	XA429	01		XA428	01				16B	9			MY3000	02	MB01XY	01	3	MEM	AY		02B		
11511	XA429	02											GND	01	GROUND			MEM			01A		
16064	XA429	03		XA428	03				16B	9			MY4000	02	MB01XY	01	4	MEM	AY		02A		
15998	XA429	04		XA428	04				16B	9			MY1000	02	MB01XY	01	1	MEM	AY		04A		
16020	XA429	05		XA428	05				16B	9			MY2000	02	MB01XY	01	2	MEM	AY		03B		
15546	XA429	06		XA428	06				16B	9			MX1000	02	MB01XX	01	1	MEM	AX		05A		
13022	XA429	07							16B	9			MB01W0	02	MB01XV	01	1	MEM	AV		03A		
15568	XA429	08		XA428	08				16B	9			MX2000	02	MB01XX	01	2	MEM	AX		06A		
13027	XA429	09		XA419	03				16B	9			MB01XV	03	MB01XV	00	1	MEM	AV		04B		
15590	XA429	10		XA428	10				16B	9			MX3000	02	MB01XX	01	3	MEM	AX		07A		
13031	XA429	11		XA430	07				16B	9			MB01XW	02	MB01XW	00	1	MEM	AW		05B		
00582	XA429	12											+5V	01				MEM					
13020	XA429	13							16B	9			MB01V0	02	MB01XW	01	1	MEM	AW		06B		
09561	XA429	14											DNW	01				MEM					
15612	XA429	15		XA428	15				16B	9			MX4000	02	MB01XX	01	4	MEM	AX		07B		
11512	XA429	16											GND	01	GROUND			MEM			21B		
09562	XA429	17											DNW	01				MEM					
09563	XA429	18											DNW	01				MEM					
09564	XA429	19											DNW	01				MEM					
09565	XA429	20											DNW	01				MEM					
09566	XA429	21											DNW	01				MEM					
09567	XA429	22											DNW	01				MEM					
09568	XA429	23											DNW	01				MEM					
09569	XA429	24											DNW	01				MEM					
09570	XA429	25											DNW	01				MEM					
09571	XA429	26											DNW	01				MEM					
09572	XA429	27											DNW	01				MEM					
00583	XA429	28											+5V	01				MEM					
16068	XA429	29		XA428	29				16B	9			MY4010	02	MB05XY	01	4	MEM	BY		14B		
16046	XA429	30		XA428	30				16B	9			MY3010	02	MB05XY	01	3	MEM	BY		15A		
13077	XA429	31							16B	9			MB05W0	02	MB05XV	01	1	MEM	BV		15B		
11513	XA429	32											GND	01	GROUND			MEM			27A		
13080	XA429	33							16B	9			MB05XV	03	MB05XV	00	1	MEM	BV		16B		
16024	XA429	34		XA428	34				16B	9			MY2010	02	MB05XY	01	2	MEM	BY		16A		
13083	XA429	35		XA322	31				16B	9			MB05XW	03	MB05XW	00	1	MEM	BW		17B		
16004	XA429	36							16B	9			MY1010	04	MB05XY	01	1	MEM	BY		17A		
13075	XA429	37							16B	9			MB05V0	02	MB05XW	01	1	MEM	BW		18B		
15552	XA429	38							16B	9			MX1010	04	MB05XX	01	1	MEM	BX		18A		
15616	XA429	39		XA428	39				16B	9			MX4010	02	MB05XX	01	4	MEM	BX		19B		
15572	XA429	40		XA428	40				16B	9			MX2010	02	MB05XX	01	2	MEM	BX		19A		
CONNECTOR (XA429) CONTINUED ON THE NEXT PAGE ****																							

DRAWING NUMBER 149014-880 CONNECTOR UNIT ASSEMBLY NO. 149012 REV E INDEX XA429
 UNIT ASSEMBLY NAME CARD CAGE ASSY, CPU L.H. FILE IDENT T39B2CP1 DATE 09-03-82 PAGE 316

RECORD NUMBER	FROM				TO				WIRE			SFC INST WIRE	SIGNAL	SEQ NO	EQUATION	TERM	FACTOR	CKT OP CHIP TYPE	SOUP	LOAD CP POWER PLANE	TEST POINTS AND/OR	SIGNAL DESCRIPTION	EIO NO
	PREFIX	CONNECTOR	PIN	SMFG	PREFIX	CONNECTOR	PIN	SMFG	MULTI GROUP	CODE	COLOR												
16075		XA429	41		XA428	41				168	9		MY4030	02	MB09XY	01	4	MEM	CY		22B		
15594		XA429	42		XA428	42				168	9		MX3010	02	MB05XX	01	3	MEM	BX		20A		
13121		XA429	43							168	9		MB09W0	02	MB09XV	01	1	MEM	CV		23B		
11514		XA429	44										GND	01	GROUND			MEM			40A		
13126		XA429	45							168	9		MB09XV	03	MB09XV	00	1	MEM	CV		24B		
16053		XA429	46		XA428	46				168	9		MY3030	02	MB09XY	01	3	MEM	CY		21A		
13129		XA429	47		XA320	19				168	9		MB09XW	03	MB09XW	00	1	MEM	CW		25B		
16031		XA429	48		XA428	48				168	9		MY2030	02	MB09XY	01	2	MEM	CY		22A		
13119		XA429	49							168	9		MB09V0	02	MB09XW	01	1	MEM	CW		26B		
16009		XA429	50		XA428	50				168	9		MY1030	02	MB09XY	01	1	MEM	CY		23A		
15623		XA429	51		XA428	51				168	9		MX4030	02	MB09XX	01	4	MEM	CX		27B		
15557		XA429	52		XA428	52				168	9		MX1030	02	MB09XX	01	1	MEM	CX		24A		
09573		XA429	53										DNW	01				MEM					
15579		XA429	54		XA428	54				168	9		MX2030	02	MB09XX	01	2	MEM	CX		25A		
09574		XA429	55										DNW	01				MEM					
15601		XA429	56		XA428	56				168	9		MX3030	02	MB09XX	01	3	MEM	CX		26A		
09575		XA429	57										DNW	01				MEM					
11515		XA429	58										GND	01	GROUND			MEM			40B		
09576		XA429	59										DNW	01				MEM					
09577		XA429	60										DNW	01				MEM					
09578		XA429	61										DNW	01				MEM					
09579		XA429	62										DNW	01				MEM					
09580		XA429	63										DNW	01				MEM					
09581		XA429	64										DNW	01				MEM					
16079		XA429	65		XA428	65				168	9		MY4040	02	MB13XY	01	4	MEM	DY		34B		
09582		XA429	66										DNW	01				MEM					
13177		XA429	67										GND		GROUND			MEM					
09583		XA429	68										DNW	01				MEM					
13179		XA429	69		XA430	48				168	9		MB13XV	01	MB13XV	00	1	MEM	DV		35A		
09584		XA429	70										DNW	01				MEM					
16035		XA429	71		XA428	71				168	9		MY2040	02	MB13XY	01	2	MEM	DY		36A		
16057		XA429	72		XA428	72				168	9		MY3040	02	MB13XY	01	3	MEM	DY		34A		
16013		XA429	73		XA428	73				168	9		MY1040	02	MB13XY	01	1	MEM	DY		36B		
13176		XA429	74							168	9		MB13W0	02	MB13XV	01	1	MEM	DV		35B		
15561		XA429	75		XA428	75				168	9		MX1040	02	MB13XX	01	1	MEM	DX		37B		
13183		XA429	76		XA320	07				168	9		MB13XW	03	MB13XW	00	1	MEM	DW		37A		
15583		XA429	77		XA428	77				168	9		MX2040	02	MB13XX	01	2	MEM	DX		38B		
13174		XA429	78							168	9		MB13V0	02	MB13XW	01	1	MEM	DW		38A		
15605		XA429	79		XA428	79				168	9		MX3040	02	MB13XX	01	3	MEM	DX		39B		
15627		XA429	80		XA428	80				168	9		MX4040	02	MB13XX	01	4	MEM	DX		39A		
00006		XA430	01										DNW	02				RR1					
13037		XA430	02										GND		GROUND			RR1					
23323		XA430	02										+5RE2R	02				RR1				A01	
00171		XA430	03		XA430	13			ZI	1E0	0		+5RE2B	02				RR1	AP				
00172		XA430	04										SPF	02				RR1	AP		+5RE2B	B02	
12995		XA430	05		XA322	49				168	9		MB00XW	01				RR1	A1				
12990		XA430	06		XA428	09				168	9		MB00XV	03				RR1	A2				
13029		XA430	07		XA434	74				168	9		MB01XW	03				RR1	A3				
CONNECTOR	XA430	CONTINUED ON THE NEXT PAGE ****																					

DRAWING NUMBER 149014-880 CONNECTOR UNIT ASSEMBLY NO. 149012 REV E INDEX XA430
 UNIT ASSEMBLY NAME CARD CAGE ASSY, CPU L.H. FILE IDENT T39B2CP1 DATE 09-03-82 PAGE 317

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												
13025		XA430	08									MB01XV	01									
13042		XA430	09		XA434	78			16B	9		MB02XW	01				RR1	A4				
13039		XA430	10		XA519	59			16B	9		MB02XV	01				RR1	A5				
09585		XA430	11		XA537	14			16B	9		DNW	01				RR1	A6				
09586		XA430	12									+5V	01				RR1					
00173		XA430	13		XA430	21			16B	9		+5RE2B	03				RR1	8P				
00174		XA430	14									SPF					RR1	8P				
12725		XA430	15									DNW	01				RR1				+5RE2B	B02
12726		XA430	16									DNW	01				RR1				KEYWAY	C05
13057		XA430	17		XA519	74			16B	9		MB03XW	01				RR1	B1			KEYWAY	C05
13054		XA430	18		XA537	26			16B	9		MB03XV	01				RR1	B2				
13070		XA430	19		XA518	05			16B	9		MB04XW	01				RR1	B3				
13087		XA430	20		XA537	19			16B	9		MB04XV	01				RR1	B4				
00175		XA430	21		XA430	33			16B	9		+5RE2B	04				RR1	CP				
00176		XA430	22									SPF					RR1	CP			+5RE2B	B02
13081		XA430	23		XA518	24			16B	9		MB05XW	01				RR1	C1				
13078		XA430	24		XA537	18			16B	9		MB05XV	01				RR1	B5				
13092		XA430	25		XA518	23			16B	9		MB06XW	01				RR1	C2				
13089		XA430	26		XA537	20			16B	9		MB06XV	01				RR1	B6				
12727		XA430	27									DNW	01				RR1				KEYWAY	C05
09587		XA430	28									DNW	01				RR1				KEYWAY	C05
13103		XA430	29		XA518	29			16B	9		MB07XW	01				RR1	C3				
13100		XA430	30		XA537	22			16B	9		MB07XV	01				RR1	C4				
09588		XA430	31									DNW	01				RR1					
13135		XA430	32									GND		GROUND			RR1					
00177		XA430	33		XA430	49			16B	9		+5RE2B	05				RR1	DP				
00178		XA430	34									SPF					RR1	DP			+5RE2B	B02
13114		XA430	35		XA518	48			16B	9		MB08XW	01				RR1	D1				
13111		XA430	36		XA537	25			16B	9		MB08XV	01				RR1	C6				
13127		XA430	37		XA518	68			16B	9		MB09XW	01				RR1	D2				
13124		XA430	38		XA537	24			16B	9		MB09XV	01				RR1	C5				
13139		XA430	39		XA518	59			16B	9		MB10XW	01				RR1	D3				
13137		XA430	40		XA431	45			16B	9		MB10XV	01				RR1	D4				
13155		XA430	41		XA518	76			16B	9		MB11XW	01				RR1	E1				
13153		XA430	42		XA432	45			16B	9		MB11XV	01				RR1	D5				
09589		XA430	43									DNW	01				RR1					
13149		XA430	44									GND		GROUND			RR1					
13169		XA430	45		XA517	11			16B	9		MB12XW	01				RR1	E2				
13168		XA430	46									MB12XV	02				RR1	D6				
13181		XA430	47		XA517	25			16B	9		MB13XW	01				RR1	E3				
13180		XA430	48									MB13XV	02				RR1	E4				
00179		XA430	49		XA430	59			16B	9		+5RE2B	06				RR1	EP				
00180		XA430	50									SPF					RR1	EP			+5RE2B	B02
13193		XA430	51		XA517	37			16B	9		MB14XW	01				RR1	F1				
13191		XA430	52		XA431	69			16B	9		MB14XV	01				RR1	E5				
13205		XA430	53		XA517	43			16B	9		MB15XW	01				RR1	F2				
13203		XA430	54		XA432	69			16B	9		MB15XV	01				RR1	E6				
20710		XA430	55		XA533	53			16B	9		SPI053	01				RR1	F3				
20708		XA430	56		XA532	53			16B	9		SPI052	01				RR1	F4				
09590		XA430	57									DNW	01				RR1					
CONNECTOR (XA430) CONTINUED ON THE NEXT PAGE *****																						

DRAWING NUMBER 149014-880 CONNECTOR UNIT ASSEMBLY NO. 149012 REV E INDEX XA430
 UNIT ASSEMBLY NAME CARD CAGE ASSY, CPU L.H. FILE IDENT T39B2CP1 DATE 09-03-82 PAGE 318

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 FC	PREFIX	CONNECTOR	PIN	SN FC	MULTI GROUP	CODE	COLOR	IDENT											
11516		XA430	58										GND	01	GROUND			RR1					
00181		XA430	59		XA430	69			16B	9			+5RE2B	07				RR1	FP				
00182		XA430	60										SPF					RR1	FP		+5RE2B		B02
20712		XA430	61										SPR	01				RR1	G1				
17851		XA430	62		XA514	53			16B	9			SPI030	01				RR1	F5				
17858		XA430	63		XA514	60			16B	9			SPI031	01				RR1	G2				
17865		XA430	64		XA514	62			16B	9			SPI032	01				RR1	F6				
17262		XA430	65		XA511	04			16B	9			SPA108	01				RR1	G3				
17270		XA430	66		XA511	24			16B	9			SPA109	01				RR1	G4				
17845		XA430	67										GND		GROUND			RR1					
09591		XA430	68										DNW	01				RR1					
00183		XA430	69		XA430	79			16B	9			+5RE2B	08				RR1	GP				
00184		XA430	70										SPF					RR1	GP		+5RE2B		B02
17293		XA430	71		XA511	56			16B	9			SPA110	01				RR1	H1				
17303		XA430	72		XA512	05			16B	9			SPA111	01				RR1	G5				
17313		XA430	73		XA512	07			16B	9			SPA112	01				RR1	H2				
17324		XA430	74		XA512	25			16B	9			SPA113	01				RR1	G6				
17536		XA430	75		XA531	68			16B	9			SPA133	01				RR1	H3				
20564		XA430	76										SPR	01				RR1	H4				
17781		XA430	77						16B	9			SPI022	11				RR1	H5				
17792		XA430	78						16B	9			SPI023	11				RR1	H6				
00185		XA430	79		XA439	03			16B	9			+5RE2B	09				RR1	HP				
00186		XA430	80		XA439	80			16B	9			+5RE18	01				RR1	HP				
16041		XA431	01		XA429	01			16B	9			MY3000	01	MB02XY	01	3	MEM	AY			02B	
11517		XA431	02										GND	01	GRGUND			MEM				01A	
16063		XA431	03		XA429	03			16B	9			MY4000	01	MB02XY	01	4	MEM	AY			02A	
15997		XA431	04		XA429	04			16B	9			MY1000	01	MB02XY	01	1	MEM	AY			04A	
16019		XA431	05		XA429	05			16B	9			MY2000	01	MB02XY	01	2	MEM	AY			03B	
15545		XA431	06		XA429	06			16B	9			MX1000	01	MB02XX	01	1	MEM	AX			05A	
13036		XA431	07						16B	9			MB02W0	02	MB02XV	01	1	MEM	AV			03A	
15567		XA431	08		XA429	08			16B	9			MX2000	01	MB02XX	01	2	MEM	AX			06A	
13041		XA431	09						16B	9			MB02XV	03	MB02XV	00	1	MEM	AV			04B	
15589		XA431	10		XA429	10			16B	9			MX3000	01	MB02XX	01	3	MEM	AX			07A	
13044		XA431	11		XA322	50			16B	9			MB02XW	03	MB02XW	00	1	MEM	AW			05B	
00584		XA431	12										+5V	01				MEM					
13034		XA431	13						16B	9			MB02V0	02	MB02XW	01	1	MEM	AW			06B	
09592		XA431	14										DNW	01				MEM					
15611		XA431	15		XA429	15			16B	9			MX4000	01	MB02XX	01	4	MEM	AX			07B	
13052		XA431	16										GND		GROUND			MEM				21B	
09593		XA431	17										DNW	01				MEM					
09594		XA431	18										DNW	01				MEM					
09595		XA431	19										DNW	01				MEM					
09596		XA431	20										DNW	01				MEM					
09597		XA431	21										DNW	01				MEM					
09598		XA431	22										DNW	01				MEM					
09599		XA431	23										DNW	01				MEM					
09600		XA431	24										DNW	01				MEM					
09601		XA431	25										DNW	01				MEM					
CONNECTOR		XA431	CONTINUED ON THE NEXT PAGE ****																				

DRAWING NUMBER 149014-880 CONNECTOR UNIT ASSEMBLY NO. 149012 REV E INDEX XA431
 UNIT ASSEMBLY NAME CARD CAGE ASSY, CPU L.H. FILE IDENT T39B2CP1 DATE 09-03-82 PAGE 319

RECORD NUMBER	FROM			TO			WIRE				SIGNAL	SEQ NO	EQUATION	TERM	FACTORS	CKT OR CHIP TYPE	GROUP	LOAD OR POWER PLANE	TEST POINTS		SIGNAL DESCRIPTION	ECO NO
	PREFIX	CONNECTOR	PIN	PREFIX	CONNECTOR	PIN	SPEC	MULTI GROUP	CODE	COLOR									IDENT	AND		
09602		XA431	26									DNW	01			MEM						
09603		XA431	27									DNW	01			MEM						
00585		XA431	28									+5V	01			MEM						
16072		XA431	29		XA426	39			168	9		MY4020	02	MB06XY	01 4	MEM	BY			14B		
16050		XA431	30		XA426	14			168	9		MY3020	02	MB06XY	01 3	MEM	BY			15A		
13088		XA431	31						168	9		MB06W0	02	MB06XV	01 1	MEM	BV			15B		
11518		XA431	32									GND	01	GROUND		MEM				27A		
13091		XA431	33						168	9		MB06XV	03	MB06XV	00 1	MEM	BV			16B		
16028		XA431	34		XA427	39			168	9		MY2020	02	MB06XY	01 2	MEM	BY			16A		
13094		XA431	35		XA322	36			168	9		MB06XW	03	MB06XW	00 1	MEM	BW			17B		
16066		XA431	36		XA427	14			168	9		MY1020	02	MB06XY	01 1	MEM	BY			17A		
13086		XA431	37						168	9		MB06V0	02	MB06XW	01 1	MEM	BW			18B		
15554		XA431	38		XA427	22			168	9		MX1020	02	MB06XX	01 1	MEM	BX			18A		
15620		XA431	39		XA426	33			168	9		MX4020	02	MB06XX	01 4	MEM	BX			19B		
15576		XA431	40		XA427	33			168	9		MX2020	02	MB06XX	01 2	MEM	BX			19A		
16074		XA431	41		XA429	41			168	9		MY4030	01	MB10XY	01 4	MEM	CY			22B		
15598		XA431	42		XA426	22			168	9		MX3020	02	MB06XX	01 3	MEM	BX			20A		
13134		XA431	43						168	9		MB10W0	02	MB10XV	01 1	MEM	CV			23B		
13143		XA431	44									GND		GROUND		MEM				40A		
13138		XA431	45						168	9		MB10XV	02	MB10XV	00 1	MEM	CV			24B		
16052		XA431	46		XA429	46			168	9		MY3030	01	MB10XY	01 3	MEM	CY			21A		
13141		XA431	47		XA320	20			168	9		MB10XW	03	MB10XW	00 1	MEM	CW			25B		
16030		XA431	48		XA429	48			168	9		MY2030	01	MB10XY	01 2	MEM	CY			22A		
13132		XA431	49						168	9		MB10V0	02	MB10XW	01 1	MEM	CW			26B		
16008		XA431	50		XA429	50			168	9		MY1030	01	MB10XY	01 1	MEM	CY			23A		
15622		XA431	51		XA429	51			168	9		MX4030	01	MB10XX	01 4	MEM	CX			27B		
15556		XA431	52		XA429	52			168	9		MX1030	01	MB10XX	01 1	MEM	CX			24A		
09604		XA431	53									DNW	01			MEM						
15578		XA431	54		XA429	54			168	9		MX2030	01	MB10XX	01 2	MEM	CX			25A		
09605		XA431	55									DNW	01			MEM						
15600		XA431	56		XA429	56			168	9		MX3030	01	MB10XX	01 3	MEM	CX			26A		
09606		XA431	57									DNW	01			MEM						
11519		XA431	58									GND	01	GROUND		MEM				40B		
09607		XA431	59									DNW	01			MEM						
09608		XA431	60									DNW	01			MEM						
09609		XA431	61									DNW	01			MEM						
09610		XA431	62									DNW	01			MEM						
09611		XA431	63									DNW	01			MEM						
09612		XA431	64									DNW	01			MEM						
16083		XA431	65		XA426	80			168	9		MY4050	02	MB14XY	01 4	MEM	DY			34B		
09613		XA431	66									DNW	01			MEM						
11520		XA431	67									GND	01	GROUND		MEM						
09614		XA431	68									DNW	01			MEM						
13192		XA431	69						168	9		MB14XV	02	MB14XV	00 1	MEM	DV			35A		
09615		XA431	70									DNW	01			MEM						
16039		XA431	71		XA427	80			168	9		MY2050	02	MB14XY	01 2	MEM	DY			36A		
16061		XA431	72		XA426	60			168	9		MY3050	02	MB14XY	01 3	MEM	DY			34A		
16017		XA431	73		XA427	60			168	9		MY1050	02	MB14XY	01 1	MEM	DY			36B		
13188		XA431	74						168	9		MB14W0	02	MB14XV	01 1	MEM	DV			35B		
15565		XA431	75		XA427	66			168	9		MX1050	02	MB14XX	01 1	MEM	DX			37B		
CONNECTOR		XA431	CONTINUED ON THE NEXT PAGE ****																			

DRAWING NUMBER 149014-880 CONNECTOR UNIT ASSEMBLY NO. 149012 REV E INDEX XA431
 UNIT ASSEMBLY NAME CARD CAGE ASSY, CPU L.H. FILE IDENT T39B2CP1 DATE 09-03-82 PAGE 320

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	COLOP	IDENT											
13195	XA431	76		XA320	04		168	9			MB14XW	03	MB14XW	00	1	MEM	DW		37A		
15587	XA431	77		XA427	69		168	9			MX2050	02	MB14XX	01	2	MEM	DX		38B		
13186	XA431	78					168	9			MB14V0	02	MB14XW	01	1	MEM	DW		38A		
15609	XA431	79		XA426	66		168	9			MX3050	02	MB14XX	01	3	MEM	DX		39B		
15631	XA431	80		XA426	69		168	9			MX4050	02	MB14XX	01	4	MEM	DX		39A		
16045	XA432	01		XA429	30		168	9			MY3010	01	MB03XY	01	3	MEM	AY		02B		
11521	XA432	02									GND	01	GRCUND			MEM			01A		
16067	XA432	03		XA429	29		168	9			MY4010	01	MB03XY	01	4	MEM	AY		02A		
16001	XA432	04		XA427	15		168	9			MY1010	01	MB03XY	01	1	MEM	AY		04A		
16023	XA432	05		XA429	34		168	9			MY2010	01	MB03XY	01	2	MEM	AY		03B		
15549	XA432	06		XA427	09		168	9			MX1010	01	MB03XX	01	1	MEM	AX		05A		
13051	XA432	07					168	9			MB03W0	02	MB03XV	01	1	MEM	AV		03A		
15571	XA432	08		XA429	40		168	9			MX2010	01	MB03XX	01	2	MEM	AX		06A		
13056	XA432	09					168	9			MB03XV	03	MB03XV	00	1	MEM	AV		04B		
15593	XA432	10		XA429	42		168	9			MX3010	01	MB03XX	01	3	MEM	AX		07A		
13059	XA432	11		XA322	54		168	9			MB03XW	03	MB03XW	00	1	MEM	AW		05B		
00586	XA432	12									+5V	01				MEM					
13049	XA432	13					168	9			MB03V0	02	MB03XW	01	1	MEM	AW		06B		
09616	XA432	14									DNW	01				MEM					
15615	XA432	15		XA429	39		168	9			MX4010	01	MB03XX	01	4	MEM	AX		07B		
13061	XA432	16									GND		GRCUND			MEM			21B		
09617	XA432	17									DNW	01				MEM					
09618	XA432	18									DNW	01				MEM					
09619	XA432	19									DNW	01				MEM					
09620	XA432	20									DNW	01				MEM					
09621	XA432	21									DNW	01				MEM					
09622	XA432	22									DNW	01				MEM					
09623	XA432	23									DNW	01				MEM					
09624	XA432	24									DNW	01				MEM					
09625	XA432	25									DNW	01				MEM					
09626	XA432	26									DNW	01				MEM					
09627	XA432	27									DNW	01				MEM					
00587	XA432	28									+5V	01				MEM					
16071	XA432	29		XA431	29		168	9			MY4020	01	MB07XY	01	4	MEM	BY		14B		
16049	XA432	30		XA431	30		168	9			MY3020	01	MB07XY	01	3	MEM	BY		15A		
13099	XA432	31					168	9			MB07W0	02	MB07XV	01	1	MEM	BV		15B		
11522	XA432	32									GND	01	GRCUND			MEM			27A		
13102	XA432	33					168	9			MB07XV	03	MB07XV	00	1	MEM	BV		16B		
16027	XA432	34		XA431	34		168	9			MY2020	01	MB07XY	01	2	MEM	BY		16A		
13105	XA432	35		XA322	42		168	9			MB07XW	03	MB07XW	00	1	MEM	BW		17B		
16005	XA432	36		XA431	36		168	9			MY1020	01	MB07XY	01	1	MEM	BY		17A		
13097	XA432	37					168	9			MB07V0	02	MB07XW	01	1	MEM	BW		18B		
15553	XA432	38		XA431	38		168	9			MX1020	01	MB07XX	01	1	MEM	BX		18A		
15619	XA432	39		XA431	39		168	9			MX4020	01	MB07XX	01	4	MEM	BX		19B		
15575	XA432	40		XA431	40		168	9			MX2020	01	MB07XX	01	2	MEM	BX		19A		
16078	XA432	41		XA429	65		168	9			MY4040	01	MB11XY	01	4	MEM	CY		22B		
15597	XA432	42		XA431	42		168	9			MX3020	01	MB07XX	01	3	MEM	BX		20A		
13148	XA432	43					168	9			MB11W0	02	MB11XV	01	1	MEM	CV		23B		
CONNECTOR XA432 CONTINUED ON THE NEXT PAGE ****																					

DRAWING NUMBER 149014-880 CONNECTOR UNIT ASSEMBLY NO. 149012 REV E INDEX XA432
 UNIT ASSEMBLY NAME CARD CAGE ASSY, CPU L.H. FILE IDENT T39B2CP1 DATE 09-03-82 PAGE 321

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	REF ID	MULTI GROUP	CODE	COLOR												
13151		XA432	44									GND		GROUND			MEM			40A		
13154		XA432	45					168	9			MB11XV	02	MB11XV	00	1	MEM	CV		24B		
16056		XA432	46		XA429	72		168	9			MY3040	01	MB11XY	01	3	MEM	CY		21A		
13157		XA432	47		XA320	24		168	9			MB11XW	03	MB11XW	00	1	MEM	CW		25B		
16034		XA432	48		XA429	71		168	9			MY2040	01	MB11XY	01	2	MEM	CY		22A		
13146		XA432	49					168	9			MB11V0	02	MB11XW	01	1	MEM	CW		26B		
16012		XA432	50		XA429	73		168	9			MY1040	01	MB11XY	01	1	MEM	CY		23A		
15626		XA432	51		XA429	80		168	9			MX4040	01	MB11XX	01	4	MEM	CX		27B		
15560		XA432	52		XA429	75		168	9			MX1040	01	MB11XX	01	1	MEM	CX		24A		
09628		XA432	53									DNW	01				MEM					
15582		XA432	54		XA429	77		168	9			MX2040	01	MB11XX	01	2	MEM	CX		25A		
09629		XA432	55									DNW	01				MEM					
15604		XA432	56		XA429	79		168	9			MX3040	01	MB11XX	01	3	MEM	CX		26A		
09630		XA432	57									DNW	01				MEM					
11523		XA432	58									GND	01	GROUND			MEM			40B		
09631		XA432	59									DNW	01				MEM					
09632		XA432	60									DNW	01				MEM					
09633		XA432	61									DNW	01				MEM					
09634		XA432	62									DNW	01				MEM					
09635		XA432	63									DNW	01				MEM					
09636		XA432	64									DNW	01				MEM					
16082		XA432	65		XA431	65		168	9			MY4050	01	MB15XY	01	4	MEM	DY		34B		
09637		XA432	66									DNW	01				MEM					
13201		XA432	67									GND		GROUND			MEM					
09638		XA432	68									DNW	01				MEM					
13204		XA432	69					168	9			MB15XV	02	MB15XV	00	1	MEM	DV		35A		
09639		XA432	70									DNW	01				MEM					
16038		XA432	71		XA431	71		168	9			MY2050	01	MB15XY	01	2	MEM	DY		36A		
16060		XA432	72		XA431	72		168	9			MY3050	01	MB15XY	01	3	MEM	DY		34A		
16016		XA432	73		XA431	73		168	9			MY1050	01	MB15XY	01	1	MEM	DY		36B		
13200		XA432	74					168	9			MB15W0	02	MB15XV	01	1	MEM	DV		35B		
15564		XA432	75		XA431	75		168	9			MX1050	01	MB15XX	01	1	MEM	DX		37B		
13207		XA432	76		XA320	10		168	9			MB15XW	03	MB15XW	00	1	MEM	DW		37A		
15586		XA432	77		XA431	77		168	9			MX2050	01	MB15XX	01	2	MEM	DX		38B		
13198		XA432	78					168	9			MB15V0	02	MB15XW	01	1	MEM	DW		38A		
15608		XA432	79		XA431	79		168	9			MX3050	01	MB15XX	01	3	MEM	DX		39B		
15630		XA432	80		XA431	80		168	9			MX4050	01	MB15XX	01	4	MEM	DX		39A		
13019		XA433	01		XA429	13		168	9			MB01V0	01	MB01V0	00	1	TQ2	A2		02B		
17165		XA433	02									GND		GROUND			TQ2			01A		
17061		XA433	03		XA433	04		168	9			SPA090	10	MB02V0	01	1	TQ2	A3		02A		
17052		XA433	04					168	9			SPA090	11	MB01V0	01	1	TQ2	A2		04A		
07868		XA433	05		XA435	03		168	9			DB17NA	01	MB01V0	01	2	TQ2	A2		03B		
12984		XA433	06		XA428	13		168	9			MB00V0	01	MB00V0	00	1	TQ2	A1		05A		
07916		XA433	07		XA435	13		168	9			DB18NA	01	MB02V0	01	2	TQ2	A3		03A		
17216		XA433	08		XA450	64		168	9			SPA104	03	MB00V0	01	2	TQ2	A1		06A		
13033		XA433	09		XA431	13		168	9			MB02V0	01	MB02V0	00	1	TQ2	A3		04B		
07820		XA433	10		XA435	06		168	9			DB16NA	01	MB00V0	01	1	TQ2	A1		07A		
17064		XA433	11		XA433	17		168	9			SPA091	02	MB03V0	01	1	TQ2	A4		05B		
CONNECTOR (XA433) CONTINUED ON THE NEXT PAGE ****																						

DRAWING NUMBER 149014-880 CONNECTOR UNIT ASSEMBLY NO. 149012 REV E INDEX XA433
 UNIT ASSEMBLY NAME CARD CAGE ASSY, CPU L.H. FILE IDENT T39B2CP1 DATE 09-03-82 PAGE 322

RECORD NUMBER	FROM				TO				WIRE				SIGNAL	SEQ NO	EQUATION	TERM	FACTOR	CMT OR CHIP TYPE	GROUP	LOAD OF POWER PLANE	TEST POINTS		SIGNAL DESCRIPTION	ECO NO
	PREFIX	CONNECTOR	PIN	SH FTG	PREFIX	CONNECTOR	PIN	SH FTG	MULTI-GROUP	CODE	COLOR	IDENT									SPEC INST MISC	AND		
00588		XA433	12										+5V	01			TQ2							
07965		XA433	13		XA340	74				16B	9		DB19NA	02	MB03V0	01 2	TQ2	A4			06B			
13074		XA433	14		XA429	37				16B	9		MB05V0	01	MB05V0	00 1	TQ2	B2			09A			
13048		XA433	15		XA432	13				16B	9		MB03V0	01	MB03V0	00 1	TQ2	A4			07B			
11524		XA433	16										GND	01	GROUND		TQ2				01B			
17065		XA433	17		XA433	18				16B	9		SPA091	03	MB06V0	01 1	TQ2	B3			08B			
17066		XA433	18		XA433	25				16B	9		SPA091	04	MB05V0	01 2	TQ2	B2			10A			
08117		XA433	19		XA338	80				16B	9		DB22NA	02	MB06V0	01 2	TQ2	B3			09B			
08066		XA433	20		XA435	23				16B	9		DB21NA	01	MB05V0	01 1	TQ2	B2			11A			
13085		XA433	21		XA431	37				16B	9		MB06V0	01	MB06V0	00 1	TQ2	B3			10B			
13063		XA433	22		XA428	37				16B	9		MB04V0	01	MB04V0	00 1	TQ2	B1			12A			
08167		XA433	23		XA338	74				16B	9		DB23NA	02	MB07V0	01 1	TQ2	B4			11B			
08014		XA433	24		XA435	17				16B	9		DB20NA	01	MB04V0	01 2	TQ2	B1			13A			
17067		XA433	25		XA433	26				16B	9		SPA091	05	MB07V0	01 2	TQ2	B4			12B			
17068		XA433	26		XA433	31				16B	9		SPA091	06	MB04V0	01 1	TQ2	B1			14A			
13096		XA433	27		XA432	37				16B	9		MB07V0	01	MB07V0	00 1	TQ2	B4			13B			
00589		XA433	28										+5V	01			TQ2							
08331		XA433	29		XA338	55				16B	9		DB26NA	02	MB10V0	01 1	TQ2	C3			14B			
13118		XA433	30		XA429	49				16B	9		MB09V0	01	MB09V0	00 1	TQ2	C2			15A			
17069		XA433	31		XA433	36				16B	9		SPA091	07	MB10V0	01 2	TQ2	C3			15B			
11525		XA433	32										GND	01	GROUND		TQ2				20B			
13131		XA433	33		XA431	49				16B	9		MB10V0	01	MB10V0	00 1	TQ2	C3			16B			
08277		XA433	34		XA338	63				16B	9		DB25NA	02	MB09V0	01 2	TQ2	C2			16A			
08385		XA433	35		XA338	64				16B	9		DB27NA	02	MB11V0	01 1	TQ2	C4			17B			
17070		XA433	36		XA433	37				16B	9		SPA091	08	MB09V0	01 1	TQ2	C2			17A			
17071		XA433	37		XA433	42				16B	9		SPA091	09	MB11V0	01 2	TQ2	C4			18B			
13107		XA433	38		XA428	49				16B	9		MB08V0	01	MB08V0	00 1	TQ2	C1			18A			
13145		XA433	39		XA432	49				16B	9		MB11V0	01	MB11V0	00 1	TQ2	C4			19B			
08220		XA433	40		XA435	33				16B	9		DB24NA	01	MB08V0	01 2	TQ2	C1			19A			
08568		XA433	41		XA338	50				16B	9		DB30NA	02	MB14V0	01 1	TQ2	D3			22B			
17072		XA433	42		XA433	43				16B	9		SPA091	10	MB08V0	01 1	TQ2	C1			20A			
17073		XA433	43							16B	9		SPA091	11	MB14V0	01 2	TQ2	D3			23B			
11526		XA433	44										GND	01	GROUND		TQ2				21B			
13185		XA433	45		XA431	78				16B	9		MB14V0	01	MB14V0	00 1	TQ2	D3			24B			
13173		XA433	46		XA429	78				16B	9		MB13V0	01	MB13V0	00 1	TQ2	D2			21A			
08628		XA433	47		XA338	39				16B	9		DB31NA	02	MB15V0	01 1	TQ2	D4			25B			
08508		XA433	48		XA338	43				16B	9		DB29NA	02	MB13V0	01 2	TQ2	D2			22A			
17075		XA433	49		XA433	50				16B	9		SPA092	02	MB15V0	01 2	TQ2	D4			26B			
17076		XA433	50		XA433	56				16B	9		SPA092	03	MB13V0	01 1	TQ2	D2			23A			
13197		XA433	51		XA432	78				16B	9		MB15V0	01	MB15V0	00 1	TQ2	D4			27B			
13161		XA433	52		XA428	78				16B	9		MB12V0	01	MB12V0	00 1	TQ2	D1			24A			
17833		XA433	53		XA433	59				16B	9		SPI028	02		01 1	TQ2	E3			28B			
08448		XA433	54		XA338	51				16B	9		DB28NA	02	MB12V0	01 2	TQ2	D1			25A			
17837		XA433	55		XA433	61				16B	9		SPI029	02		01 2	TQ2	E3			29B			
17077		XA433	56		XA433	62				16B	9		SPA092	04	MB12V0	01 1	TQ2	D1			26A			
21209		XA433	57										SPO	01		00 1	TQ2	E3			30B			
12788		XA433	58										GND		GPGUND		TQ2				27A		802	
17834		XA433	59		XA444	77				16B	9		SPI028	03		01 1	TQ2	E4			31B			
12790		XA433	60		XA321	24				16B	9		MA0040	01	MA0040	00 1	TQ2	E2			28A			
17838		XA433	61		XA444	78				16B	9		SPI029	03		01 2	TQ2	E4			32B			
CONNECTOR		XA433	CONTINUED ON THE NEXT PAGE ****																					

DRAWING NUMBER 149014-880 CONNECTOR UNIT ASSEMBLY NO. 149012 REV E INDEX XA433
 UNIT ASSEMBLY NAME CARD CAGE ASSY, CPU L.H. FILE IDENT T39B2CP1 DATE 09-03-82 PAGE 323

RECORD NUMBER	FROM				TO				WIRE			SPEC INET 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 FTG	PREFIX	CONNECTOR	PIN	SH FTG	MULTI GROUP	CODE	COLOR												
17078	XA433	62			XA433	65				16B	9		SPA092	05	MA0040	01	2	TQ2	E2		29A		
21210	XA433	63			XA433	65							SPO	01		00	1	TQ2	E4		33B		B02
12776	XA433	64			XA433	68				16B	9		MA002A	01	MA0040	01	1	TQ2	E2		30A		
17079	XA433	65			XA433	70				16B	9		SPA092	06	MD2830	01	1	TQ2	F3		34B		
12775	XA433	66			XA323	54				16B	9		MA0030	01	MA0030	00	1	TQ2	E1		31A		
11527	XA433	67											GND	01	GROUND			TQ2			40A		
12777	XA433	68			XA425	80				16B	9		MA002A	02	MA0030	01	2	TQ2	E1		32A		
14893	XA433	69								16B	9		MD2830	07	MD2830	00	1	TQ2	F3		35A		
17080	XA433	70			XA433	71				16B	9		SPA092	07	MA0030	01	1	TQ2	E1		33A		
17081	XA433	71			XA433	77				16B	9		SPA092	08	MD2810	01	2	TQ2	F2		36A		
14884	XA433	72								16B	9		MD2810	09	MD2810	00	1	TQ2	F2		34A		
14845	XA433	73								16B	9		MD279A	04	MD2810	01	1	TQ2	F2		36B		
14886	XA433	74								16B	9		MD282A	02	MD2830	01	2	TQ2	F3		35B		
14992	XA433	75			XA532	36				16B	9		MK08Q0	01	MK08Q0	00	1	TQ2	F1		37B		
13544	XA433	76								16B	9		MC084A	02	MC0830	01	1	TQ2	F4		37A		
17082	XA433	77			XA434	70				16B	9		SPA092	09	MK08Q0	01	2	TQ2	F1		38B		
13003	XA433	78			XA518	04				16B	9		MB0010	02	MC0830	01	2	TQ2	F4		38A		
14987	XA433	79			XA535	34				16B	9		MK08BP	01	MK08Q0	01	1	TQ2	F1		39B		
13542	XA433	80								16B	9		MC0830	02	MC0830	00	1	TQ2	F4		39A		
13021	XA434	01			XA429	07				16B	9		MB01W0	01	MB01W0	00	1	TQ2	A2		02B		
11528	XA434	02											GND	01	GROUND			TQ2			01A		
17086	XA434	03			XA434	04				16B	9		SPA093	02	MB02W0	01	1	TQ2	A3		02A		
17087	XA434	04			XA434	10				16B	9		SPA093	03	MB01W0	01	1	TQ2	A2		04A		
13324	XA434	05								16B	9		MC017A	02	MB01W0	01	2	TQ2	A2		03B		
12986	XA434	06			XA428	07				16B	9		MB00W0	01	MB00W0	00	1	TQ2	A1		05A		
13326	XA434	07								16B	9		MC018A	02	MB02W0	01	2	TQ2	A3		03A		
13322	XA434	08								16B	9		MC016A	02	MB00W0	01	2	TQ2	A1		06A		
13035	XA434	09			XA431	07				16B	9		MB02W0	01	MB02W0	00	1	TQ2	A3		04B		
17088	XA434	10			XA434	11				16B	9		SPA093	04	MB00W0	01	1	TQ2	A1		07A		
17089	XA434	11			XA434	17				16B	9		SPA093	05	MB03W0	01	1	TQ2	A4		05B		
00590	XA434	12											+5V	01				TQ2					
13328	XA434	13								16B	9		MC019A	02	MB03W0	01	2	TQ2	A4		06B		
13076	XA434	14			XA429	31				16B	9		MB05W0	01	MB05W0	00	1	TQ2	B2		09A		
13050	XA434	15			XA432	07				16B	9		MB03W0	01	MB03W0	00	1	TQ2	A4		07B		
11529	XA434	16											GND	01	GROUND			TQ2			01B		
17090	XA434	17			XA434	18				16B	9		SPA093	06	MB06W0	01	1	TQ2	B3		08B		
17091	XA434	18			XA434	23				16B	9		SPA093	07	MB05W0	01	2	TQ2	B2		10A		
13334	XA434	19								16B	9		MC022A	02	MB06W0	01	2	TQ2	B3		09B		
13332	XA434	20								16B	9		MC021A	02	MB05W0	01	1	TQ2	B2		11A		
13087	XA434	21			XA431	31				16B	9		MB06W0	01	MB06W0	00	1	TQ2	B3		10B		
13065	XA434	22			XA428	31				16B	9		MB04W0	01	MB04W0	00	1	TQ2	B1		12A		
17092	XA434	23			XA434	26				16B	9		SPA093	08	MB07W0	01	1	TQ2	B4		11B		
13330	XA434	24								16B	9		MC020A	02	MB04W0	01	2	TQ2	B1		13A		
13336	XA434	25								16B	9		MC023A	02	MB07W0	01	2	TQ2	B4		12B		
17093	XA434	26			XA434	29				16B	9		SPA093	09	MB04W0	01	1	TQ2	B1		14A		
13098	XA434	27			XA432	31				16B	9		MB07W0	01	MB07W0	00	1	TQ2	B4		13B		
00591	XA434	28											+5V	01				TQ2					
17094	XA434	29			XA434	34				16B	9		SPA093	10	MB10W0	01	1	TQ2	C3		14B		
CONNECTOR		XA434	CONTINUED ON THE NEXT PAGE ****																				

DRAWING NUMBER 149014-880 CONNECTOR UNIT ASSEMBLY NO. 149012 REV E INDEX XA434
 UNIT ASSEMBLY NAME CARD CAGE ASSY, CPU L.H. FILE IDENT T39B2CP1 DATE 09-03-82 PAGE 324

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 ANCL OR	SIGNAL DESCRIPTION	ECO NO
	PREFIX	CONNECTOR	PIN	SM FC	PREFIX	CONNECTOR	PIN	SM FC	MULTI GROUP	CODE	COLOR	IDENT												
13120		XA434	30		XA429	43				168	9		MB09W0	01	MB09W0	00	1	TQ2	C2			15A		
13342		XA434	31							168	9		MC026A	02	MB10W0	01	2	TQ2	C3				15B	
11530		XA434	32									GND	01	GROUND				TQ2					20B	
13133		XA434	33		XA431	43				168	9		MB10W0	00	1	TQ2	C3						16B	
17095		XA434	34							168	9		SPA093	11	MB09W0	01	2	TQ2	C2				16A	
17097		XA434	35		XA434	41				168	9		SPA094	02	MB11W0	01	1	TQ2	C4				17B	
13340		XA434	36							168	9		MC025A	02	MB09W0	01	1	TQ2	C2				17A	
13344		XA434	37							168	9		MC027A	02	MB11W0	01	2	TQ2	C4				18B	
13109		XA434	38		XA428	43				168	9		MB08W0	01	MB08W0	00	1	TQ2	C1				18A	
13147		XA434	39		XA432	43				168	9		MB11W0	01	MB11W0	00	1	TQ2	C4				19B	
13338		XA434	40							168	9		MC024A	02	MB08W0	01	2	TQ2	C1				19A	
17058		XA434	41		XA434	42				168	9		SPA094	03	MB14W0	01	1	TQ2	D3				22B	
17099		XA434	42		XA434	47				168	9		SPA094	04	MB08W0	01	1	TQ2	C1				23A	
13350		XA434	43							168	9		MC030A	02	MB14W0	01	2	TQ2	D3				23B	
11531		XA434	44									GND	01	GROUND				TQ2					21B	
13187		XA434	45		XA431	74				168	9		MB14W0	01	MB14W0	00	1	TQ2	D3				24B	
13175		XA434	46		XA429	74				168	9		MB13W0	01	MB13W0	00	1	TQ2	D2				21A	
17100		XA434	47		XA434	48				168	9		SPA094	05	MB15W0	01	1	TQ2	D4				25B	
17101		XA434	48		XA434	53				168	9		SPA094	06	MB13W0	01	2	TQ2	D2				22A	
13352		XA434	49							168	9		MC031A	02	MB15W0	01	2	TQ2	D4				26B	
13348		XA434	50							168	9		MC029A	02	MB13W0	01	1	TQ2	D2				23A	
13199		XA434	51		XA432	74				168	9		MB15W0	01	MB15W0	00	1	TQ2	D4				27B	
13163		XA434	52		XA428	74				168	9		MB12W0	01	MB12W0	00	1	TQ2	D1				24A	
17102		XA434	53		XA434	54				168	9		SPA094	07	MC0360	01	1	TQ2	E3				28B	
17103		XA434	54		XA434	59				168	9		SPA094	08	MB12W0	01	2	TQ2	D1				25A	
13416		XA434	55							168	9		MC039A	05	MC0360	01	2	TQ2	E3				29B	
13346		XA434	56							168	9		MC028A	02	MB12W0	01	1	TQ2	D1				26A	
13391		XA434	57		XA435	52				168	9		MC0360	01	MC0360	00	1	TQ2	E3				30B	
11532		XA434	58									GND	01	GROUND				TQ2					27A	
17104		XA434	59		XA434	64				168	9		SPA094	09	MC0370	01	1	TQ2	E4				31B	
13382		XA434	60		XA435	40				168	9		MC0350	01	MC0350	00	1	TQ2	E2				28A	
13414		XA434	61		XA434	62				168	9		MC039A	03	MC0370	01	2	TQ2	E4				32B	
13415		XA434	62		XA434	55				168	9		MC039A	04	MC0350	01	2	TQ2	E2				29A	
13401		XA434	63		XA435	66				168	9		MC0370	02	MC0370	00	1	TQ2	E4				33B	
17105		XA434	64		XA434	79				168	9		SPA094	10	MC0350	01	1	TQ2	E2				30A	
12998		XA434	65							168	9		MB00XW	04	MC0470	01	1	TQ2	F3				34B	
13373		XA434	66		XA435	24				168	9		MC0340	01	MC0340	00	1	TQ2	E1				31A	
13362		XA434	67									GND		GROUND				TQ2					40A	
13413		XA434	68		XA434	61				168	9		MC039A	02	MC0340	01	2	TQ2	F1				32A	
13461		XA434	69							168	9		MC0470	02	MC0470	00	1	TQ2	F3				35A	
17083		XA434	70		XA434	71				168	9		SPA092	10	MC0340	01	1	TQ2	E1				33A	
17084		XA434	71							168	9		SPA092	11	MC0330	01	2	TQ2	F2				36A	
13364		XA434	72		XA320	26				168	9		MC0330	01	MC0330	00	1	TQ2	F2				34A	
13411		XA434	73							168	9		MC038A	03	MC0330	01	1	TQ2	F2				36B	
13032		XA434	74							168	9		MB01XW	04	MC0470	01	2	TQ2	F3				35B	
13353		XA434	75		XA322	56				168	9		MC0320	01	MC0320	00	1	TQ2	F1				37B	
12991		XA434	76		XA530	48				168	9		MB00XV	01	MC053A	01	1	TQ2	F4				37A	
13410		XA434	77		XA434	73				168	9		MC038A	02	MC0320	01	2	TQ2	F1				38B	
13026		XA434	78		XA429	09				168	9		MB01XV	02	MC053A	01	2	TQ2	F4				38A	
17106		XA434	79							168	9		SPA094	11	MC0320	01	1	TQ2	F1				39B	
CONNECTOR (XA434) CONTINUED ON THE NEXT PAGE ****																								

DRAWING NUMBER 149012-880 CONNECTOR UNIT ASSEMBLY NO. 149012 REV E INDEX XA434
 UNIT ASSEMBLY NAME CARD CAGE ASSY,CPU L.H. FILE IDENT T39B2CP1 DATE 09-03-82 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	SHFT	PREFIX	CONNECTOR	PIN	SHFT	MULTI GROUP	CODE	COLOR	IDENT										
13474		XA434	80		XA535	04			16B	9			MC053A	01	MC053A	00	1	TQ2	F4		39A	
13377		XA435	01		XA340	69			16B	9			MC0340	05	MC017A	01	2	TT3	A2		02B	
11533		XA435	02										GND	01	GROUND	01	3	TT3			01B	
07869		XA435	03		XA341	74			16B	9			DB17NA	02	MC017A	01	3	TT3	A2		02A	
13321		XA435	04		XA434	08			16B	9			MC016A	01	MC016A	00	1	TT3	A1		04A	
05740		XA435	05		XA435	08			16B	9			CLKMOB	18	MC017A	01	1	TT3	A2		03B	
07821		XA435	06		XA341	80			16B	9			DB16NA	02	MC016A	01	3	TT3	A1		05A	
13323		XA435	07		XA434	05			16B	9			MC017A	01	MC017A	00	1	TT3	A2		03A	
05741		XA435	08		XA435	14			16B	9			CLKMOB	19	MC016A	01	2	TT3	A1		06A	
05739		XA435	09		XA435	05			16B	9			CLKMOB	17	MC018A	01	1	TT3	A3		04B	
13375		XA435	10		XA435	11			16B	9			MC0340	03	MC016A	01	1	TT3	A1		07A	
13376		XA435	11		XA435	01			16B	9			MC0340	04	MC018A	01	2	TT3	A3		05B	
00592		XA435	12										+5V	01				TT3				
07917		XA435	13		XA340	80			16B	9			DB18NA	02	MC018A	01	3	TT3	A3		06B	
05742		XA435	14		XA435	21			16B	9			CLKMOB	20	MC020A	01	2	TT3	B2		09A	
13325		XA435	15		XA434	07			16B	9			MC018A	01	MC018A	00	1	TT3	A3		07B	
11534		XA435	16										GND	01	GROUND	01	3	TT3			21B	
08015		XA435	17		XA339	80			16B	9			DB20NA	02	MC020A	01	3	TT3	B2		08B	
13386		XA435	18		XA338	71			16B	9			MC0350	05	MC020A	01	1	TT3	B2		10A	
13329		XA435	19		XA434	24			16B	9			MC020A	01	MC020A	00	1	TT3	B2		09B	
13327		XA435	20		XA434	13			16B	9			MC019A	01	MC019A	00	1	TT3	B1		11A	
05743		XA435	21		XA435	26			16B	9			CLKMOB	21	MC021A	01	1	TT3	B3		10B	
07964		XA435	22		XA433	13			16B	9			DB19NA	01	MC019A	01	3	TT3	B1		12A	
08067		XA435	23		XA339	74			16B	9			DB21NA	02	MC021A	01	2	TT3	B3		11B	
13374		XA435	24		XA435	10			16B	9			MC0340	02	MC019A	01	2	TT3	B1		13A	
13385		XA435	25		XA435	18			16B	9			MC0350	04	MC021A	01	3	TT3	B3		12B	
05744		XA435	26		XA435	34			16B	9			CLKMOB	22	MC019A	01	1	TT3	B1		14A	
13331		XA435	27		XA434	20			16B	9			MC021A	01	MC021A	00	1	TT3	B3		13B	
00593		XA435	28										+5V	01				TT3				
13384		XA435	29		XA435	25			16B	9			MC0350	03	MC023A	01	3	TT3	C2		14B	
08166		XA435	30		XA433	23			16B	9			DB23NA	01	MC023A	01	2	TT3	C2		15A	
13335		XA435	31		XA434	25			16B	9			MC023A	01	MC023A	00	1	TT3	C2		15B	
11535		XA435	32										GND	01	GROUND	01	3	TT3			27A	
08221		XA435	33		XA338	73			16B	9			DB24NA	02	MC024A	01	1	TT3	C3		16B	
05745		XA435	34		XA435	35			16B	9			CLKMOB	23	MC023A	01	1	TT3	C2		16A	
05746		XA435	35		XA435	38			16B	9			CLKMOB	24	MC024A	01	2	TT3	C3		17B	
13333		XA435	36		XA434	19			16B	9			MC022A	01	MC022A	00	1	TT3	C1		17A	
13395		XA435	37		XA338	77			16B	9			MC0360	05	MC024A	01	3	TT3	C3		18B	
05747		XA435	38		XA435	41			16B	9			CLKMOB	25	MC022A	01	3	TT3	C1		18A	
13337		XA435	39		XA434	40			16B	9			MC024A	01	MC024A	00	1	TT3	C3		19B	
13383		XA435	40		XA435	29			16B	9			MC0350	02	MC022A	01	2	TT3	C1		19A	
05748		XA435	41		XA435	45			16B	9			CLKMOB	26	MC026A	01	3	TT3	D2		22B	
08116		XA435	42		XA433	19			16B	9			DB22NA	01	MC022A	01	1	TT3	C1		20A	
13341		XA435	43		XA434	31			16B	9			MC026A	01	MC026A	00	1	TT3	D2		23B	
11536		XA435	44										GND	01	GROUND	01	3	TT3			40A	
05749		XA435	45		XA435	57			16B	9			CLKMOB	27	MC027A	01	1	TT3	D3		24B	
13394		XA435	46		XA435	37			16B	9			MC0360	04	MC026A	01	2	TT3	D2		21A	
13393		XA435	47		XA435	46			16B	9			MC0360	03	MC027A	01	2	TT3	D3		25B	
CONNECTOR XA435 CONTINUED ON THE NEXT PAGE ****																						

DRAWING NUMBER 149012-880 CONNECTOR UNIT ASSEMBLY NO. 149012 REV E INDEX XA435
 UNIT ASSEMBLY NAME CARD CAGE ASSY,CPU L.H. FILE IDENT T39B2CP1 DATE 09-03-82 PAGE 326

RECORD NUMBER	FROM			SH. 2	TO			SH. 1	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		PREFIX	CONNECTOR	PIN		SH. 1	MULTI GROUP	CODE	COLOR												
08330		XA435	48		XA433	29			16B	9			DB26NA	01	MC026A	01	1	TT3	D2		22A			
08384		XA435	49		XA433	35			16B	9			DB27NA	01	MC027A	01	3	TT3	D3		26B			
13339		XA435	50		XA434	36			16B	9			MC025A	01	MC025A	00	1	TT3	D1		23A			
13343		XA435	51		XA434	37			16B	9			MC027A	01	MC027A	00	1	TT3	D3		27B			
13392		XA435	52		XA435	47			16B	9			MC0360	02	MC025A	01	3	TT3	D1		24A			
13404		XA435	53		XA338	56			16B	9			MC0370	05	MC029A	01	3	TT3	E2		28B			
08276		XA435	54		XA433	34			16B	9			DB25NA	01	MC025A	01	2	TT3	D1		25A			
13347		XA435	55		XA434	50			16B	9			MC029A	01	MC029A	00	1	TT3	E2		29B			
05753		XA435	56		XA435	60			16B	9			CLKM0B	31	MC025A	01	1	TT3	D1		26A			
05750		XA435	57		XA435	70			16B	9			CLKM0B	29	MC030A	01	1	TT3	E3		30B			
11537		XA435	58										GND	01	GROUND			TT3			40B			
13403		XA435	59		XA435	53			16B	9			MC0370	04	MC030A	01	2	TT3	E3		31B			
05754		XA435	60		XA543	39			16B	9			CLKM0B	32	MC029A	01	2	TT3	E2		28A			
08567		XA435	61		XA433	41			16B	9			DB30NA	01	MC030A	01	3	TT3	E3		32B			
08507		XA435	62		XA433	48			16B	9			DB29NA	01	MC029A	01	1	TT3	E2		29A			
13349		XA435	63		XA434	43			16B	9			MC030A	01	MC030A	00	1	TT3	E3		33B			
13345		XA435	64		XA434	56			16B	9			MC028A	01	MC028A	00	1	TT3	E1		30A			
06502		XA435	65		XA425	65			16B	9			CMN0BP	02	MC039A	01	3	TT3	F2		34B			
13402		XA435	66		XA435	59			16B	9			MC0370	03	MC028A	01	3	TT3	E1		31A			
11538		XA435	67										GND	01	GROUND			TT3						
08447		XA435	68		XA433	54			16B	9			DB28NA	01	MC028A	01	2	TT3	E1		32A			
06519		XA435	69		XA425	72			16B	9			CMN1BQ	02	MC038A	01	1	TT3	F3		35A			
05751		XA435	70		XA435	75			16B	9			CLKM0B	29	MC028A	01	1	TT3	E1		33A			
06534		XA435	71		XA411	74			16B	9			CMN2BQ	04	MC039A	01	1	TT3	F2		36A			
06518		XA435	72		XA435	69			16B	9			CMN1BQ	01	MC039A	01	2	TT3	F2		34A			
13351		XA435	73		XA434	49			16B	9			MC031A	01	MC031A	00	1	TT3	F1		36B			
13412		XA435	74		XA434	68			16B	9			MC039A	01	MC039A	00	1	TT3	F2		35B			
05752		XA435	75		XA435	56			16B	9			CLKM0B	30	MC031A	01	3	TT3	F1		37B			
06533		XA435	76		XA435	71			16B	9			CMN2BQ	03	MC038A	01	2	TT3	F3		37A			
08627		XA435	77		XA433	47			16B	9			DB31NA	01	MC031A	01	2	TT3	F1		38B			
06507		XA435	78		XA425	78			16B	9			CMN0BQ	03	MC038A	01	3	TT3	F3		38A			
13400		XA435	79		XA434	63			16B	9			MC0370	01	MC031A	01	1	TT3	F1		39B			
13409		XA435	80		XA434	77			16B	9			MC038A	01	MC038A	00	1	TT3	F3		39A			
19890		XA436	01										SPP	01										
11539		XA436	02										GND	01	GROUND									
19891		XA436	03										SPP	01										
19892		XA436	04										SPP	01										
19893		XA436	05										SPP	01										
19894		XA436	06										SPP	01										
19895		XA436	07										SPP	01										
19896		XA436	08										SPP	01										
19897		XA436	09										SPP	01										
19898		XA436	10										SPP	01										
19899		XA436	11										SPP	01										
00554		XA436	12										+5V	01										
19900		XA436	13										SPP	01										
19901		XA436	14										SPP	01										
19902		XA436	15										SPP	01										
CONNECTOR	XA436	CONTINUED ON THE NEXT PAGE ****																						

DRAWING NUMBER 149012-880 CONNECTOR UNIT ASSEMBLY NO. 149012 REV E INDEX XA436
 UNIT ASSEMBLY NAME CARD CAGE ASSY,CPU L.H. FILE IDENT T39B2CP1 DATE 09-03-82 PAGE 327

RECORD NUMBER	FROM			SHEET	TO			SHEET	WIRE				SPEC INST WIRE	SIGNAL	SEQ NO	EQUATION	TERM	FACTOR	CKT OR CHIP TYPE	GROUP	LOAD OR POWER PLANE	TEST POINTS END OR	SIGNAL DESCRIPTION	ECO NO
	PREFIX	CONNECTOR	PIN		PREFIX	CONNECTOR	PIN		MULTI GROUP	CODE	COLOR	IDENT												
11540		XA436	16										GND	01	GROUND									
19903		XA436	17										SPP	01										
19904		XA436	18										SPP	01										
19905		XA436	19										SPP	01										
19906		XA436	20										SPP	01										
19907		XA436	21										SPP	01										
19908		XA436	22										SPP	01										
19909		XA436	23										SPP	01										
19910		XA436	24										SPP	01										
19911		XA436	25										SPP	01										
19912		XA436	26										SPP	01										
19913		XA436	27										SPP	01										
00555		XA436	28										+5V	01										
19914		XA436	29										SPP	01										
19915		XA436	30										SPP	01										
19916		XA436	31										SPP	01										
11541		XA436	32										GND	01	GROUND									
19917		XA436	33										SPP	01										
19918		XA436	34										SPP	01										
19919		XA436	35										SPP	01										
19920		XA436	36										SPP	01										
19921		XA436	37										SPP	01										
19922		XA436	38										SPP	01										
19923		XA436	39										SPP	01										
19924		XA436	40										SPP	01										
19925		XA436	41										SPP	01										
19926		XA436	42										SPP	01										
19927		XA436	43										SPP	01										
11542		XA436	44										GND	01	GROUND									
19928		XA436	45										SPP	01										
19929		XA436	46										SPP	01										
19930		XA436	47										SPP	01										
19931		XA436	48										SPP	01										
19932		XA436	49										SPP	01										
19933		XA436	50										SPP	01										
19934		XA436	51										SPP	01										
19935		XA436	52										SPP	01										
19936		XA436	53										SPP	01										
19937		XA436	54										SPP	01										
19938		XA436	55										SPP	01										
19939		XA436	56										SPP	01										
19940		XA436	57										SPP	01										
11543		XA436	58										GND	01	GROUND									
19941		XA436	59										SPP	01										
19942		XA436	60										SPP	01										
19943		XA436	61										SPP	01										
19944		XA436	62										SPP	01										
19945		XA436	63										SPP	01										
19946		XA436	64										SPP	01										
19947		XA436	65										SPP	01										
CONNECTOR (XA436) CONTINUED ON THE NEXT PAGE ****																								

DRAWING NUMBER 149012-880 CONNECTOR UNIT ASSEMBLY NO. 149012 REV E INDEX XA436
 UNIT ASSEMBLY NAME CARD CAGE ASSY,CPU L.H. FILE IDENT T39B2CP1 DATE 09-03-82 PAGE 328

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	SPICE	PREFIX	CONNECTOR	PIN	SPICE	MULTI GROUP	CODE	COLOR	IDENT											
19948		XA436	66										SPP	01									
11544		XA436	67										GND	01	GPOJND								
19949		XA436	68										SPP	01									
19950		XA436	69										SPP	01									
19951		XA436	70										SPP	01									
19952		XA436	71										SPP	01									
19953		XA436	72										SPP	01									
19954		XA436	73										SPP	01									
19955		XA436	74										SPP	01									
19956		XA436	75										SPP	01									
19957		XA436	76										SPP	01									
19958		XA436	77										SPP	01									
19959		XA436	78										SPP	01									
19960		XA436	79										SPP	01									
19961		XA436	80										SPP	01									
12493		XA437	01							168	9		GY3000	04	GR00XY	01	3	MEM	AY		02B		
11545		XA437	02										GND	01	GROUND			MEM			01A		
12551		XA437	03							168	9		GY4000	04	GR00XY	01	4	MEM	AY		02A		
12377		XA437	04							168	9		GY1000	04	GR00XY	01	1	MEM	AY		04A		
12435		XA437	05							168	9		GY2000	04	GR00XY	01	2	MEM	AY		03B		
12145		XA437	06							168	9		GX1000	04	GR00XX	01	1	MEM	AX		05A		
11810		XA437	07							168	9		GR00W0	02	GR00XV	01	1	MEM	AV		03A		
12203		XA437	08							168	9		GX2000	04	GR00XX	01	2	MEM	AX		06A		
11811		XA437	09		XA439	06				168	9		GR00XV	01	GR00XV	00	1	MEM	AV		04B		
12261		XA437	10							168	9		GX3000	04	GR00XX	01	3	MEM	AX		07A		
11814		XA437	11		XA328	49				168	9		GR00XW	02	GR00XW	00	1	MEM	AW		05B		
00596		XA437	12										+5V	01				MEM					
11808		XA437	13							168	9		GR00V0	02	GR00XW	01	1	MEM	AW		06B		
09640		XA437	14										DNW	01				MEM					
12319		XA437	15							168	9		GX4000	04	GR00XX	01	4	MEM	AX		07B		
11546		XA437	16										GND	01	GROUND			MEM			21B		
09641		XA437	17										DNW	01				MEM					
09642		XA437	18										DNW	01				MEM					
09643		XA437	19										DNW	01				MEM					
09644		XA437	20										DNW	01				MEM					
09645		XA437	21										DNW	01				MEM					
09646		XA437	22										DNW	01				MEM					
09647		XA437	23										DNW	01				MEM					
09648		XA437	24										DNW	01				MEM					
09649		XA437	25										DNW	01				MEM					
09650		XA437	26										DNW	01				MEM					
09651		XA437	27										DNW	01				MEM					
00557		XA437	28										+5V	01				MEM					
12562		XA437	29							168	9		GY4030	04	GR08XY	01	4	MEM	BY		14B		
12504		XA437	30							168	9		GY3030	04	GR08XY	01	3	MEM	BY		15A		
11890		XA437	31							168	9		GR08W0	02	GR08XV	01	1	MEM	BV		15B		
11547		XA437	32										GND	01	GROUND			MEM			27A		
11891		XA437	33		XA439	20				168	9		GR08XV	01	GR08XV	00	1	MEM	BV		16B		
CONNECTOR (XA437) CONTINUED ON THE NEXT PAGE ****																							

DRAWING NUMBER 149012-880 CONNECTOR UNIT ASSEMBLY NO. 149012 REV E INDEX XA437
 UNIT ASSEMBLY NAME CARD CAGE ASSY,CPU L.H. FILE IDENT T39B2CP1 DATE 09-03-82 PAGE 329

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											
12446		XA437	34							16B	9		GY2030	04	GR08XY	01	2	MEM	8Y		16A		
11894		XA437	35		XA328	76				16B	9		GR08XW	00	1	MEM	8W				17B		
12388		XA437	36							16B	9		GY1030	04	GR08XY	01	1	MEM	8Y		17A		
11888		XA437	37							16B	9		GR08V0	02	GR08XW	01	1	MEM	8W		18B		
12156		XA437	38							16B	9		GX1030	04	GR08XX	01	1	MEM	8X		18A		
12330		XA437	35							16B	9		GX4030	04	GR08XX	01	4	MEM	8X		19B		
12214		XA437	40							16B	9		GX2030	04	GR08XX	01	2	MEM	8X		19A		
12580		XA437	41							16B	9		GY4060	04	GR16XY	01	4	MEM	CY		22B		
12272		XA437	42							16B	9		GX3030	04	GR08XX	01	3	MEM	8X		20A		
11970		XA437	43							16B	9		GR16W0	02	GR16XV	01	1	MEM	CV		23B		
11548		XA437	44										GND	01	GROUND			MEM			40A		
11971		XA437	45		XA439	36				16B	9		GR16XV	01	GR16XV	00	1	MEM	CV		24B		
12522		XA437	46							16B	9		GY3060	04	GR16XY	01	3	MEM	CY		21A		
11974		XA437	47		XA327	49				16B	9		GR16XW	02	GR16XW	00	1	MEM	CW		25B		
12464		XA437	48							16B	9		GY2060	04	GR16XY	01	2	MEM	CY		22A		
11968		XA437	49							16B	9		GR16V0	02	GR16XW	01	1	MEM	CW		26B		
12406		XA437	50							16B	9		GY1060	04	GR16XY	01	1	MEM	CY		23A		
12348		XA437	51							16B	9		GX4060	04	GR16XX	01	4	MEM	CX		27B		
12174		XA437	52							16B	9		GX1060	04	GR16XX	01	1	MEM	CX		24A		
09652		XA437	53										DNW	01				MEM					
12232		XA437	54							16B	9		GX2060	04	GR16XX	01	2	MEM	CX		25A		
09653		XA437	55										DNW	01				MEM					
12290		XA437	56							16B	9		GX3060	04	GR16XX	01	3	MEM	CX		26A		
09654		XA437	57										DNW	01				MEM					
11549		XA437	58										GND	01	GROUND			MEM			40B		
09655		XA437	59										DNW	01				MEM					
09656		XA437	60										DNW	01				MEM					
09657		XA437	61										DNW	01				MEM					
09658		XA437	62										DNW	01				MEM					
09659		XA437	63										DNW	01				MEM					
09660		XA437	64										DNW	01				MEM					
12591		XA437	65						16B	9			GY4090	04	GR24XY	01	4	MEM	DY		34B		
09661		XA437	66										DNW	01				MEM					
12056		XA437	67										GND		GROUND			MEM					
09662		XA437	68										DNW	01				MEM					
12051		XA437	69		XA439	46				16B	9		GR24XV	01	GR24XV	00	1	MEM	DV		35A		
09663		XA437	70										DNW	01				MEM					
12475		XA437	71							16B	9		GY2090	04	GR24XY	01	2	MEM	DY		36A		
12533		XA437	72							16B	9		GY3090	04	GR24XY	01	3	MEM	DY		34A		
12417		XA437	73							16B	9		GY1090	04	GR24XY	01	1	MEM	DY		36B		
12050		XA437	74							16B	9		GR24W0	02	GR24XV	01	1	MEM	DV		35B		
12185		XA437	75							16B	9		GX1090	04	GR24XX	01	1	MEM	DX		37B		
12054		XA437	76		XA327	25				16B	9		GR24XW	02	GR24XW	00	1	MEM	DW		37A		
12243		XA437	77							16B	9		GX2090	04	GR24XX	01	2	MEM	DX		38B		
12048		XA437	78							16B	9		GR24V0	02	GR24XW	01	1	MEM	DW		38A		
12301		XA437	79							16B	9		GX3090	04	GR24XX	01	3	MEM	DX		39B		
12359		XA437	80							16B	9		GX4090	04	GR24XX	01	4	MEM	DX		39A		

DRAWING NUMBER 149012-880 CONNECTOR UNIT ASSEMBLY NO. 149012 REV E INDEX XA438
 UNIT ASSEMBLY NAME CARD CAGE ASSY,CPU L.H. FILE IDENT T39B2CP1 DATE 09-03-82 PAGE 330

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											
12492		XA438	01		XA437	01			168	9		GY3000	03	GR01XY	01	3	MEM	AY	02B	
11550		XA438	02									GND	01	GROUND			MEM		01A	
12550		XA438	03		XA437	03			168	9		GY4000	03	GR01XY	01	4	MEM	AY	02A	
12376		XA438	04		XA437	04			168	9		GY1000	03	GR01XY	01	1	MEM	AY	04A	
12434		XA438	05		XA437	05			168	9		GY2000	03	GR01XY	01	2	MEM	AY	03B	
12144		XA438	06		XA437	06			168	9		GX1000	03	GR01XX	01	1	MEM	AX	05A	
11820		XA438	07						168	9		GR01W0	02	GR01XV	01	1	MEM	AV	03A	
12202		XA438	08		XA437	08			168	9		GX2000	03	GP01XX	01	2	MEM	AX	06A	
11821		XA438	09		XA439	08			168	9		GR01XV	01	GR01XV	00	1	MEM	AV	04R	
12260		XA438	10		XA437	10			168	9		GX3000	03	GR01XX	01	3	MEM	AX	07A	
11824		XA438	11		XA328	43			168	9		GR01XW	02	GR01XW	00	1	MEM	AW	05B	
00558		XA438	12									+5V	01				MEM			
11818		XA438	13						168	9		GR01V0	02	GR01XW	01	1	MEM	AW	06B	
09664		XA438	14									DNW	01				MEM			
12318		XA438	15		XA437	15			168	9		GX4000	03	GR01XX	01	4	MEM	AX	07B	
11551		XA438	16									GND	01	GROUND			MEM		21B	
09665		XA438	17									DNW	01				MEM			
09666		XA438	18									DNW	01				MEM			
09667		XA438	19									DNW	01				MEM			
09668		XA438	20									DNW	01				MEM			
09669		XA438	21									DNW	01				MEM			
09670		XA438	22									DNW	01				MEM			
09671		XA438	23									DNW	01				MEM			
09672		XA438	24									DNW	01				MEM			
09673		XA438	25									DNW	01				MEM			
09674		XA438	26									DNW	01				MEM			
09675		XA438	27									DNW	01				MEM			
00599		XA438	28									+5V	01				MEM			
12561		XA438	29		XA437	29			168	9		GY4030	03	GR09XY	01	4	MEM	BY	14B	
12503		XA438	30		XA437	30			168	9		GY3030	03	GR09XY	01	3	MEM	BY	15A	
11900		XA438	31						168	9		GR09W0	02	GR09XV	01	1	MEM	BV	15B	
11552		XA438	32									GND	01	GROUND			MEM		27A	
11901		XA438	33		XA439	24			168	9		GR09XV	01	GR09XV	00	1	MEM	BV	16B	
12445		XA438	34		XA437	34			168	9		GY2030	03	GP09XY	01	2	MEM	BY	16A	
11904		XA438	35		XA328	65			168	9		GR09XW	02	GR09XW	00	1	MEM	BW	17B	
12387		XA438	36		XA437	36			168	9		GY1030	03	GR09XY	01	1	MEM	BY	17A	
11898		XA438	37						168	9		GR09V0	02	GR09XW	01	1	MEM	BW	18B	
12155		XA438	38		XA437	38			168	9		GX1030	03	GR09XX	01	1	MEM	BX	18A	
12329		XA438	39		XA437	39			168	9		GX4030	03	GR09XX	01	4	MEM	BX	19B	
12213		XA438	40		XA437	40			168	9		GX2030	03	GP09XX	01	2	MEM	BX	19A	
12579		XA438	41		XA437	41			168	9		GY4060	03	GR17XY	01	4	MEM	CY	22B	
12271		XA438	42		XA437	42			168	9		GX3030	03	GR09XX	01	3	MEM	BX	20A	
11979		XA438	43						168	9		GR17W0	02	GR17XV	01	1	MEM	CV	23B	
11553		XA438	44									GND	01	GROUND			MEM		40A	
11980		XA438	45		XA439	38			168	9		GR17XV	01	GP17XV	00	1	MEM	CV	24B	
12521		XA438	46		XA437	46			168	9		GY3060	03	GP17XY	01	3	MEM	CY	21A	
11983		XA438	47		XA327	43			168	9		GR17XW	02	GR17XW	00	1	MEM	CW	25B	
12463		XA438	48		XA437	48			168	9		GY2060	03	GP17XY	01	2	MEM	CY	22A	
11977		XA438	49						168	9		GR17V0	02	GR17XW	01	1	MEM	CW	26B	
12405		XA438	50		XA437	50			168	9		GY1060	03	GR17XY	01	1	MEM	CY	23A	
CONNECTOR (XA438) CONTINUED ON THE NEXT PAGE ****																				

DRAWING NUMBER 149012-880

CONNECTOR

UNIT ASSEMBLY NO. 149012

REV E

INDEX XA438

UNIT ASSEMBLY NAME CARD CAGE ASSY,CPU L.H.

FILE IDENT

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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 PG	MULTI GROUP	CODE	COLOR												
12347		XA438	51		XA437	51			16B	9		GX4060	03	GR17XX	01	4	MEM	CX		27B		
12173		XA438	52		XA437	52			16B	9		GX1060	03	GR17XX	01	1	MEM	CX		24A		
09676		XA438	53									DNW	01				MEM					
12231		XA438	54		XA437	54			16B	9		GX2060	03	GR17XX	01	2	MEM	CX		25A		
09677		XA438	55									DNW	01				MEM					
12289		XA438	56		XA437	56			16B	9		GX3060	03	GR17XX	01	3	MEM	CX		26A		
09678		XA438	57									DNW	01				MEM					
11554		XA438	58									GND	01	GROUND			MEM			40B		
09679		XA438	59									DNW	01				MEM					
09680		XA438	60									DNW	01				MEM					
09681		XA438	61									DNW	01				MEM					
09682		XA438	62									DNW	01				MEM					
09683		XA438	63									DNW	01				MEM					
09684		XA438	64									DNW	01				MEM					
12590		XA438	65		XA437	65			16B	9		GY4090	03	GR25XY	01	4	MEM	DY		34B		
09685		XA438	66									DNW	01				MEM					
12067		XA438	67									GND	01	GROUND			MEM					
09686		XA438	68									DNW	01				MEM					
12062		XA438	69		XA439	48			16B	9		GR25XV	01	GR25XV	00	1	MEM	DV		35A		
09687		XA438	7C									DNW	01				MEM					
12474		XA438	71		XA437	71			16B	9		GY2090	03	GR25XY	01	2	MEM	DY		36A		
12532		XA438	72		XA437	72			16B	9		GY3090	03	GR25XY	01	3	MEM	DY		34A		
12416		XA438	73		XA437	73			16B	9		GY1090	03	GR25XY	01	1	MEM	DY		36B		
12061		XA438	74						16B	9		GR25W0	02	GR25XV	01	1	MEM	DV		35B		
12184		XA438	75		XA437	75			16B	9		GX1090	03	GR25XX	01	1	MEM	DX		37B		
12065		XA438	76		XA327	19			16B	9		GR25XW	00	GR25XW	00	1	MEM	DW		37A		
12242		XA438	77		XA437	77			16B	9		GX2090	03	GR25XX	01	2	MEM	DX		38B		
12059		XA438	78						16B	9		GR25V0	02	GR25XW	01	1	MEM	DW		38A		
12300		XA438	79		XA437	79			16B	9		GX3090	03	GR25XX	01	3	MEM	DX		39B		
12358		XA438	8C		XA437	8C			16B	9		GX4090	03	GR25XX	01	4	MEM	DX		39A		
09688		XA439	01									DNW	01				RR1					
11555		XA439	02									GND	01	GROUND			RR1					
00187		XA439	03		XA439	13			16B	9		+5RE2B	10				RR1	AP				
00188		XA439	04		XA343	80			16B	9		+5RE19	01				RR1	AP				
11813		XA439	05		XA437	11			16B	9		GR00XW	01				RR1	A1				
11812		XA439	06						16B	9		GR00XV	02				RR1	A2				
11823		XA439	07		XA438	11			16B	9		GR01XW	01	GR01XW			RR1	A3				
11822		XA439	08						16B	9		GR01XV	02				RR1	A4				
11833		XA439	09		XA440	11			16B	9		GR02XW	01				RR1	A5				
11831		XA439	10		XA440	09			16B	9		GR02XV	01				RR1	A6				
09689		XA439	11									DNW	01				RR1					
09690		XA439	12									+5V	01				RR1					
00189		XA439	13		XA439	21			16B	9		+5RE2B	11				RR1	BP				
00190		XA439	14									SPF	01				RR1	BP		+5RE2B	B02	
12728		XA439	15									DNW	01				RR1			KEYWAY	C05	
11556		XA439	16									DNW	01				RR1			KEYWAY	C05	
11843		XA439	17		XA441	11			16B	9		GR03XW	01				RR1	B1				
11841		XA439	18		XA441	09			16B	9		GR03XV	01				RR1	B2				
CONNECTOR (XA439) CONTINUED ON THE NEXT PAGE ****																						

DRAWING NUMBER 149012-880 CONNECTOR UNIT ASSEMBLY NO. 149012 REV E INDEX XA439
 UNIT ASSEMBLY NAME CARD CAGE ASSY,CPU L.H. FILE IDENT T39B2CP1 DATE 09-03-82 PAGE 332

RECORD NUMBER	FROM			TO			WIRE				SPEC INST	SIGNAL	SEQ NO	EQUATION	TERM	FACTOR	CKT OR CHIP TYPE	GROUP	LOAD OR POWER PLANE	TEST POINTS ANCHOR	SIGNAL DESCRIPTION	ECO NO
	PREFIX	CONNECTOR	PIN	PREFIX	CONNECTOR	PIN	SH 12	MULTI GROUP	CODE	COLOR												
11893		XA439	19		XA437	35			168	9		GRJ8XW	01				RR1	B3				
11892		XA439	20						168	9		GRJ8XV	02				RR1	B4				
00191		XA439	21		XA439	33			168	9		+5RE2B	12				RR1	CP				
00192		XA439	22									SPF					RR1	CP			+5RE2B	B02
11903		XA439	23		XA438	35			168	9		GRJ9XW	01				RR1	C1				
11902		XA439	24						168	9		GRJ9XV	02				RR1	B5				
11913		XA439	25		XA440	35			168	9		GR10XW	01				RR1	C2				
11911		XA439	26		XA440	33			168	9		GR10XV	01				RR1	B6				
12729		XA439	27									DNW	01				RR1				KEYWAY	C05
09691		XA439	28									DNW	01				RR1				KEYWAY	C05
11923		XA439	29		XA441	35			168	9		GR11XW	01				RR1	C3				
11921		XA439	30		XA441	33			168	9		GR11XV	01				RR1	C4				
09692		XA439	31									DNW	01				RR1					
11557		XA439	32									GND	01	GROUND			RR1					
00193		XA439	33		XA439	49			168	9		+5RE2B	13				RR1	DP				
00194		XA439	34									SPF					RR1	DP			+5RE2B	B02
11973		XA439	35		XA437	47			168	9		GR16XW	01				RR1	D1				
11972		XA439	36						168	9		GR16XV	02				RR1	C6				
11982		XA439	37		XA438	47			168	9		GR17XW	01				RR1	D2				
11981		XA439	38						168	9		GR17XV	02				RR1	C5				
11991		XA439	39		XA440	47			168	9		GR18XW	01				RR1	D3				
11989		XA439	40		XA440	45			168	9		GR18XV	01				RR1	D4				
12000		XA439	41		XA441	47			168	9		GR19XW	01				RR1	E1				
11998		XA439	42		XA441	45			168	9		GR19XV	01				RR1	D5				
09693		XA439	43									DNW	01				RR1					
11558		XA439	44									GND	01	GROUND			RR1					
12053		XA439	45		XA437	76			168	9		GR24XW	01				RR1	E2				
12052		XA439	46						168	9		GR24XV	02				RR1	D6				
12064		XA439	47		XA438	76			168	9		GR25XW	01				RR1	E3				
12063		XA439	48						168	9		GR25XV	02				RR1	E4				
00195		XA439	49		XA439	59			168	9		+5RE2B	14				RR1	EP				
00196		XA439	50									SPF					RR1	EP			+5RE2B	B02
12075		XA439	51		XA440	76			168	9		GR26XW	01				RR1	F1				
12073		XA439	52		XA440	69			168	9		GR26XV	01				RR1	E5				
12086		XA439	53		XA441	76			168	9		GR27XW	01				RR1	F2				
12084		XA439	54		XA441	69			168	9		GR27XV	01				RR1	E6				
17391		XA439	55		XA533	39			168	9		SPA119	01				RR1	F3				
17425		XA439	56		XA536	53			168	9		SPA122	01				RR1	F4				
09694		XA439	57									DNW	01				RR1					
11559		XA439	58									GND	01	GROUND			RR1					
00197		XA439	59		XA439	69			168	9		+5RE2B	15				RR1	FP				
00198		XA439	60									SPF					RR1	FP			+5RE2B	B02
17404		XA439	61		XA534	05			168	9		SPA120	01				RR1	G1				
17436		XA439	62		XA511	74			168	9		SPA123	01				RR1	F5				
17449		XA439	63		XA537	06			168	9		SPA124	01				RR1	G2				
17482		XA439	64		XA548	53			168	9		SPA127	01				RR1	F6				
17460		XA439	65		XA537	40			168	9		SPA125	01				RR1	G3				
17493		XA439	66		XA537	54			168	9		SPA128	01				RR1	G4				
17515		XA439	67									GND		GROUND			RR1					
09695		XA439	68									DNW	01				RR1					
CONNECTOR (XA439) CONTINUED ON THE NEXT PAGE ****																						

TM 11-5895-856-34-7/EE640-CA-MMI-070/E154 CPU/TO 31W2-2T-122-7

DRAWING NUMBER 149012-880

CONNECTOR

UNIT ASSEMBLY NO. 149012

REV E

INDEX XA439

UNIT ASSEMBLY NAME CARD CAGE ASSY,CPU L.H.

FILE IDENT

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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												
00199		XA439	69		XA439	79			16B	9		+5RE2B	16				RR1	GP				
00200		XA439	70									SPF					RR1	GP			+5RE2B	802
17471		XA439	71		XA548	20		16B	9			SPA126	01				RR1	H1				
17504		XA439	72		XA537	73		16B	9			SPA129	01				RR1	H5				
17516		XA439	73		XA537	74		16B	9			SPA130	01				RR1	H2				
17526		XA439	74		XA537	55		16B	9			SPA131	03				RR1	G6				
17566		XA439	75		XA543	53		16B	9			SPA503	01				RR1	H3				
17575		XA439	76									SPR	01				RR1	H4				805
20565		XA439	77									SPR	01				RR1	H5				
20566		XA439	78									SPR	01				RR1	H6				
00201		XA439	79		XA444	79		16B	9			+5RE2B	17				RR1	HP				
00202		XA439	80					16B	9			+5RE1B	02				RR1	HP				
12491		XA440	01		XA438	01		16B	9			GY3000	02	GR02XY	01	3	MEM	AY			02B	
11560		XA440	02									GND	01	GRCUND			MEM				01A	
12549		XA440	03		XA438	03		16B	9			GY4000	02	GR02XY	01	4	MEM	AY			02A	
12375		XA440	04		XA438	04		16B	9			GY1000	02	GR02XY	01	1	MEM	AY			04A	
12433		XA440	05		XA438	05		16B	9			GY2000	02	GR02XY	01	2	MEM	AY			03B	
12143		XA440	06		XA438	06		16B	9			GX1000	02	GR02XX	01	1	MEM	AX			05A	
11830		XA440	07					16B	9			GR02W0	02	GR02XV	01	1	MEM	AV			03A	
12201		XA440	08		XA438	08		16B	9			GX2000	02	GR02XX	01	2	MEM	AX			06A	
11832		XA440	09					16B	9			GR02XV	02	GR02XV	00	1	MEM	AV			04B	
12259		XA440	10		XA438	10		16B	9			GX3000	02	GR02XX	01	3	MEM	AX			07A	
11834		XA440	11		XA328	50		16B	9			GR02XW	02	GR02XW	00	1	MEM	AW			05B	
00600		XA440	12									+5V	01				MEM					
11828		XA440	13					16B	9			GR02V0	02	GR02XW	01	1	MEM	AW			06B	
09656		XA440	14									DNW	01				MEM					
12317		XA440	15		XA438	15		16B	9			GX4000	02	GR02XX	01	4	MEM	AX			07B	
11561		XA440	16									GND	01	GROUND			MEM				21B	
09697		XA440	17									DNW	01				MEM					
09698		XA440	18									DNW	01				MEM					
09699		XA440	19									DNW	01				MEM					
09700		XA440	20									DNW	01				MEM					
09701		XA440	21									DNW	01				MEM					
09702		XA440	22									DNW	01				MEM					
09703		XA440	23									DNW	01				MEM					
09704		XA440	24									DNW	01				MEM					
09705		XA440	25									DNW	01				MEM					
09706		XA440	26									DNW	01				MEM					
09707		XA440	27									DNW	01				MEM					
00601		XA440	28									+5V	01				MEM					
12560		XA440	29		XA438	29		16B	9			GY4030	02	GR10XY	01	4	MEM	BY			14B	
12502		XA440	30		XA438	30		16B	9			GY3030	02	GR10XY	01	3	MEM	BY			15A	
11910		XA440	31					16B	9			GR10W0	02	GR10XV	01	1	MEM	BV			15R	
11562		XA440	32									GND	01	GROUND			MEM				27A	
11912		XA440	33					16B	9			GR10XV	02	GR10XV	00	1	MEM	BV			16B	
12444		XA440	34		XA438	34		16B	9			GY2030	02	GR10XY	01	2	MEM	BY			16A	
11914		XA440	35		XA328	71		16B	9			GR10XW	02	GR10XW	00	1	MEM	BW			17B	
12386		XA440	36		XA438	36		16B	9			GY1030	02	GR10XY	01	1	MEM	BY			17A	
CONNECTOR XA440 CONTINUED ON THE NEXT PAGE ****																						

DRAWING NUMBER 149012-880 CONNECTOR UNIT ASSEMBLY NO. 149012 REV E INDEX XA440
 UNIT ASSEMBLY NAME CARD CAGE ASSY,CPU L.H. FILE IDENT T39B2CP1 DATE 09-03-82 PAGE 334

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. FC	MULTI GROUP	CODE												
11908	XA440	37						16B	9		GR10V0	02	GR10XW	01	1	MEM	BW		18B		
12154	XA440	38		XA438	38			16B	9		GX1030	02	GR10XY	01	1	MEM	BX		18A		
12328	XA440	39		XA438	39			16B	9		GX4030	02	GR10XX	01	4	MEM	BX		19B		
12212	XA440	40		XA438	40			16B	9		GX2030	02	GR10XX	01	2	MEM	BX		19A		
12578	XA440	41		XA438	41			16B	9		GY4060	02	GR18XY	01	4	MEM	CY		22B		
12270	XA440	42		XA438	42			16B	9		GX3030	02	GR10XX	01	3	MEM	BX		20A		
11988	XA440	43						16B	9		GR18W0	02	GR18XV	01	1	MEM	CV		23B		
11563	XA440	44									GND	01	GROUND			MEM			40A		
11990	XA440	45						16B	9		GR18XV	02	GR18XV	00	1	MEM	CV		24B		
12520	XA440	46		XA438	46			16B	9		GY3060	02	GR18XY	01	3	MEM	CY		21A		
11992	XA440	47		XA327	50			16B	9		GR18XW	02	GR18XW	00	1	MEM	CW		25B		
12462	XA440	48		XA438	48			16B	9		GY2060	02	GR18XY	01	2	MEM	CY		22A		
11986	XA440	49						16B	9		GR18V0	02	GR18XW	01	1	MEM	CW		26B		
12404	XA440	50		XA438	50			16B	9		GY1060	02	GR18XY	01	1	MEM	CY		23A		
12346	XA440	51		XA438	51			16B	9		GX4060	02	GR18XX	01	4	MEM	CX		27B		
12172	XA440	52		XA438	52			16B	9		GX1060	02	GR18XX	01	1	MEM	CX		24A		
09708	XA440	53									DNW	01				MEM					
12230	XA440	54		XA438	54			16B	9		GX2060	02	GR18XX	01	2	MEM	CX		25A		
09709	XA440	55									DNW	01				MEM					
12288	XA440	56		XA438	56			16B	9		GX3060	02	GR18XX	01	3	MEM	CX		26A		
09710	XA440	57									DNW	01				MEM					
11564	XA440	58									GND	01	GROUND			MEM			40B		
09711	XA440	59									DNW	01				MEM					
09712	XA440	60									DNW	01				MEM					
09713	XA440	61									DNW	01				MEM					
09714	XA440	62									DNW	01				MEM					
09715	XA440	63									DNW	01				MEM					
09716	XA440	64									DNW	01				MEM					
12589	XA440	65		XA438	65			16B	9		GY4090	02	GR26XY	01	4	MEM	DY		34B		
09717	XA440	66									DNW	01				MEM					
12078	XA440	67									GND		GROUND			MEM					
09718	XA440	68									DNW	01				MEM					
12074	XA440	69						16B	9		GR26XV	02	GR26XV	00	1	MEM	DV		35A		
09719	XA440	70									DNW	01				MEM					
12473	XA440	71		XA438	71			16B	9		GY2090	02	GR26XY	01	2	MEM	DY		36A		
12531	XA440	72		XA438	72			16B	9		GY3090	02	GR26XY	01	3	MEM	DY		34A		
12415	XA440	73		XA438	73			16B	9		GY1090	02	GR26XY	01	1	MEM	DY		36B		
12072	XA440	74						16B	9		GR26W0	02	GR26XV	01	1	MEM	DV		35B		
12183	XA440	75		XA438	75			16B	9		GX1090	02	GR26XX	01	1	MEM	DX		37B		
12076	XA440	76		XA327	20			16B	9		GR26XW	02	GR26XW	00	1	MEM	DW		37A		
12241	XA440	77		XA438	77			16B	9		GX2090	02	GR26XX	01	2	MEM	DX		38B		
12070	XA440	78						16B	9		GR26V0	02	GR26XW	01	1	MEM	DW		38A		
12299	XA440	79		XA438	79			16B	9		GX3090	02	GR26XX	01	3	MEM	DX		39B		
12357	XA440	80		XA438	80			16B	9		GX4090	02	GR26XX	01	4	MEM	DX		39A		
12497	XA441	01						16B	9		GY3010	04	GR03XY	01	3	MEM	AY		02B		
11565	XA441	02									GND	01	GROUND			MEM			01A		
12555	XA441	03						16B	9		GY4010	04	GR03XY	01	4	MEM	AY		02A		
12381	XA441	04						16B	9		GY1010	04	GR03XY	01	1	MEM	AY		04A		
CONNECTOR (XA441) CONTINUED ON THE NEXT PAGE ****																					

DRAWING NUMBER 149012-880 CONNECTOR UNIT ASSEMBLY NO. 149012 REV E INDEX XA441
 UNIT ASSEMBLY NAME CARD CAGE ASSY,CPU L.H. FILE IDENT T39B2CP1 DATE 09-03-82 PAGE 335

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	INFO	PREFIX	CONNECTOR	PIN	INFO	MULTI GROUP	CODE	COLOR	IDENT									AND	OR		
12439		XA441	05							16B	9		GY2010	04	GR03XY	01	2	MEM	AY		03B			
12149		XA441	06							16B	9		GX1010	04	GR03XX	01	1	MEM	AX		05A			
11840		XA441	07							16B	9		GR03W0	02	GR03XV	01	1	MEM	AV		03A			
12207		XA441	08							16B	9		GX2010	04	GR03XX	01	2	MEM	AX		06A			
11842		XA441	09							16B	9		GR03XV	02	GR03XV	00	1	MEM	AV		04B			
12265		XA441	10							16B	9		GX3010	04	GR03XX	01	3	MEM	AX		07A			
11844		XA441	11		XA328	56				16B	9		GR03XW	02	GR03XW	00	1	MEM	AW		05B			
00602		XA441	12										+5V	01				MEM						
11838		XA441	13							16B	9		GR03V0	02	GR03XW	01	1	MEM	AW		06B			
09720		XA441	14										DNW	01				MEM						
12323		XA441	15							16B	9		GX4010	04	GR03XX	01	4	MEM	AX		07B			
11566		XA441	16										GND	01	GROUND			MEM			21B			
09721		XA441	17										DNW	01				MEM						
09722		XA441	18										DNW	01				MEM						
09723		XA441	19										DNW	01				MEM						
09724		XA441	20										DNW	01				MEM						
09725		XA441	21										DNW	01				MEM						
09726		XA441	22										DNW	01				MEM						
09727		XA441	23										DNW	01				MEM						
09728		XA441	24										DNW	01				MEM						
09729		XA441	25										DNW	01				MEM						
09730		XA441	26										DNW	01				MEM						
09731		XA441	27										DNW	01				MEM						
00603		XA441	28										+5V	01				MEM						
12566		XA441	29							16B	9		GY4040	04	GR11XY	01	4	MEM	BY		14B			
12508		XA441	30							16B	9		GY3040	04	GR11XY	01	3	MEM	BY		15A			
11920		XA441	31							16B	9		GR11W0	02	GR11XV	01	1	MEM	RV		15B			
11567		XA441	32										GND	01	GROUND			MEM			27A			
11922		XA441	33							16B	9		GR11XV	02	GR11XV	00	1	MEM	BV		16B			
12450		XA441	34							16B	9		GY2040	04	GR11XY	01	2	MEM	BY		16A			
11924		XA441	35		XA328	77				16B	9		GR11XW	02	GR11XW	00	1	MEM	BW		17B			
12392		XA441	36							16B	9		GY1040	04	GR11XY	01	1	MEM	BY		17A			
11918		XA441	37							16B	9		GR11W0	02	GR11XW	01	1	MEM	BW		18B			
12160		XA441	38							16B	9		GX1040	04	GR11XX	01	1	MEM	BX		18A			
12334		XA441	39							16B	9		GX4040	04	GR11XX	01	4	MEM	BX		19B			
12218		XA441	40							16B	9		GX2040	04	GR11XX	01	2	MEM	BX		19A			
12584		XA441	41							16B	9		GY4070	04	GR19XY	01	4	MEM	CY		22B			
12276		XA441	42							16B	9		GX3040	04	GR11XX	01	3	MEM	BX		20A			
11997		XA441	43							16B	9		GR19W0	02	GR19XV	01	1	MEM	CV		23B			
11568		XA441	44										GND	01	GROUND			MEM			40A			
11999		XA441	45							16B	9		GR19XV	02	GR19XV	00	1	MEM	CV		24B			
12526		XA441	46							16B	9		GY3070	04	GR19XY	01	3	MEM	CY		21A			
12001		XA441	47		XA327	56				16B	9		GR19XW	02	GR19XW	00	1	MEM	CW		25B			
12468		XA441	48							16B	9		GY2070	04	GR19XY	01	2	MEM	CY		22A			
11995		XA441	49							16B	9		GR19V0	02	GR19XW	01	1	MEM	CW		26B			
12410		XA441	50							16B	9		GY1070	04	GR19XY	01	1	MEM	CY		23A			
12352		XA441	51							16B	9		GX4070	04	GR19XX	01	4	MEM	CX		27B			
12178		XA441	52							16B	9		GX1070	04	GR19XX	01	1	MEM	CX		24A			
09732		XA441	53										DNW	01				MEM						
12236		XA441	54							16B	9		GX2070	04	GR19XX	01	2	MEM	CX		25A			
CONNECTOR (XA441) CONTINUED ON THE NEXT PAGE ****																								

DRAWING NUMBER 149012-880 CONNECTOR UNIT ASSEMBLY NO. 149012 REV E INDEX XA441
 UNIT ASSEMBLY NAME CARD CAGE ASSY,CPU L.H. FILE IDENT T39B2CP1 DATE 09-03-82 PAGE 336

RECORD NUMBER	FROM				TO				WIRE				SIGNAL	SEQ NO	EQUATION	TERM	FACTOR	CKT OR CHIP TYPE	POP	LOAD OR POWER PLANE	TEST POINTS ANG OR	SIGNAL DESCRIPTION	ECO NO
	PREFIX	CONNECTOR	PIN	DRILL	PREFIX	CONNECTOR	PIN	DRILL	MULTI GROUP	CODE	COLOR	IDENT											
09733	XA441	55											DNW	01									
12294	XA441	56							16B	9			GX3070	04	GR19XX	01	3	MEM	CX		26A		
09734	XA441	57											DNW	01									
11569	XA441	58											GND	01	GROUND							40B	
09735	XA441	59											DNW	01									
09736	XA441	60											DNW	01									
09737	XA441	61											DNW	01									
09738	XA441	62											DNW	01									
09739	XA441	63											DNW	01									
09740	XA441	64											DNW	01									
12595	XA441	65							16B	9			GY4100	04	GR27XY	01	4	MEM	DY		34B		
09741	XA441	66											DNW	01									
12089	XA441	67											GND		GROUND								
09742	XA441	68											DNW	01									
12085	XA441	69							16B	9			GR27XV	02	GR27XV	00	1	MEM	DV		35A		
09743	XA441	70											DNW	01									
12479	XA441	71							16B	9			GY2100	04	GR27XY	01	2	MEM	DY		36A		
12537	XA441	72							16B	9			GY3100	04	GR27XY	01	3	MEM	DY		34A		
12421	XA441	73							16B	9			GY1100	04	GR27XY	01	1	MEM	DY		36B		
12083	XA441	74							16B	9			SR27W0	02	GR27XV	01	1	MEM	DV		35B		
12189	XA441	75							16B	9			GX1100	04	GR27XX	01	1	MEM	DX		37B		
12087	XA441	76			XA327	26			16B	9			GR27XW	02	GR27XW	00	1	MEM	DW		37A		
12247	XA441	77							16B	9			GX2100	04	GR27XX	01	2	MEM	DX		38B		
12081	XA441	78							16B	9			SR27V0	02	GR27XW	01	1	MEM	DW		38A		
12305	XA441	79							16B	9			GX3100	04	GR27XX	01	3	MEM	DX		39B		
12363	XA441	80							16B	9			GX4100	04	GR27XX	01	4	MEM	DX		39A		
12496	XA442	01			XA441	01			16B	9			GY3010	03	GR04XY	01	3	MEM	AY		02B		
11570	XA442	02											GND	01	GROUND						01A		
12554	XA442	03			XA441	03			16B	9			GY4010	03	GR04XY	01	4	MEM	AY		02A		
12380	XA442	04			XA441	04			16B	9			GY1010	03	GR04XY	01	1	MEM	AY		04A		
12438	XA442	05			XA441	05			16B	9			GY2010	03	GR04XY	01	2	MEM	AY		03B		
12148	XA442	06			XA441	06			16B	9			GX1010	03	GR04XX	01	1	MEM	AX		05A		
11850	XA442	07							16B	9			GR04W0	02	GR04XV	01	1	MEM	AV		03A		
12206	XA442	08			XA441	08			16B	9			GX2010	03	GR04XX	01	2	MEM	AX		06A		
11851	XA442	09			XA444	06			16B	9			GR04XV	01	GR04XV	00	1	MEM	AV		04B		
12264	XA442	10			XA441	10			16B	9			GX3010	03	GR04XX	01	3	MEM	AX		07A		
11854	XA442	11			XA328	37			16B	9			GR04XW	02	GR04XW	00	1	MEM	AW		05B		
00604	XA442	12											+5V	01									
11848	XA442	13							16B	9			SR04V0	02	GR04XW	01	1	MEM	AW		06B		
09744	XA442	14											DNW	01									
12322	XA442	15			XA441	15			16B	9			GX4010	03	GR04XX	01	4	MEM	AX		07B		
11571	XA442	16											GND	01	GROUND							21B	
09745	XA442	17											DNW	01									
09746	XA442	18											DNW	01									
09747	XA442	19											DNW	01									
09748	XA442	20											DNW	01									
09749	XA442	21											DNW	01									
09750	XA442	22											DNW	01									
CONNECTOR (XA442) CONTINUED ON THE NEXT PAGE ****																							

DRAWING NUMBER 149012-880 CONNECTOR UNIT ASSEMBLY NO. 149012 REV E INDEX XA442
 UNIT ASSEMBLY NAME CARD CAGE ASSY,CPU L.H. FILE IDENT T39B2CP1 DATE 09-03-82 PAGE 337

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.F.C.	PREFIX	CONNECTOR	PIN	SH.F.C.	MULTI GROUP	CODE	COLOR	IDENT									AND	OR		
09751		XA442	23										DNW	01				MEM						
09752		XA442	24										DNW	01				MEM						
09753		XA442	25										DNW	01				MEM						
09754		XA442	26										DNW	01				MEM						
09755		XA442	27										DNW	01				MEM						
00605		XA442	28										+5V	01				MEM						
12565		XA442	29		XA441	29			16B	9			GY4040	03	GR12XY	01 4	MEM	BY			14B			
12507		XA442	30		XA441	30			16B	9			GY3040	03	GR12XY	01 3	MEM	BY			15A			
11930		XA442	31						16B	9			GR12W0	02	GR12XV	01 1	MEM	BV			15B			
11572		XA442	32										GND	01	GROUND		MEM				27A			
11931		XA442	33		XA444	20			16B	9			GR12XV	01	GR12XV	00 1	MEM	BV			16B			
12449		XA442	34		XA441	34			16B	9			GY2040	03	GR12XY	01 2	MEM	BY			16A			
11934		XA442	35		XA328	59			16B	9			GR12XW	02	GR12XW	00 1	MEM	BW			17B			
12391		XA442	36		XA441	36			16B	9			GY1040	03	GR12XY	01 1	MEM	BY			17A			
11928		XA442	37						16B	9			GR12V0	02	GR12XW	01 1	MEM	BW			18B			
12159		XA442	38		XA441	38			16B	9			GX1040	03	GR12XX	01 1	MEM	BX			18A			
12333		XA442	39		XA441	39			16B	9			GX4040	03	GR12XX	01 4	MEM	BX			19B			
12217		XA442	40		XA441	40			16B	9			GX2040	03	GR12XX	01 2	MEM	BX			19A			
12583		XA442	41		XA441	41			16B	9			GY4070	03	GR20XY	01 4	MEM	CY			22B			
12275		XA442	42		XA441	42			16B	9			GX3040	03	GR12XX	01 3	MEM	BX			20A			
12006		XA442	43						16B	9			GR20W0	02	GR20XV	01 1	MEM	CV			23B			
12012		XA442	44										GND		GROUND		MEM				40A			
12007		XA442	45		XA444	36			16B	9			GR20XV	01	GR20XV	00 1	MEM	CV			24B			
12525		XA442	46		XA441	46			16B	9			GY3070	03	GR20XY	01 3	MEM	CY			21A			
12010		XA442	47		XA327	37			16B	9			GR20XW	02	GR20XW	00 1	MEM	CW			25B			
12467		XA442	48		XA441	48			16B	9			GY2070	03	GR20XY	01 2	MEM	CY			22A			
12004		XA442	49						16B	9			GR20V0	02	GR20XW	01 1	MEM	CW			26B			
12409		XA442	50		XA441	50			16B	9			GY1070	03	GR20XY	01 1	MEM	CY			23A			
12351		XA442	51		XA441	51			16B	9			GX4070	03	GR20XX	01 4	MEM	CX			27B			
12177		XA442	52		XA441	52			16B	9			GX1070	03	GR20XX	01 1	MEM	CX			24A			
09756		XA442	53										DNW	01				MEM						
12235		XA442	54		XA441	54			16B	9			GX2070	03	GR20XX	01 2	MEM	CX			25A			
09757		XA442	55										DNW	01				MEM						
12293		XA442	56		XA441	56			16B	9			GX3070	03	GR20XX	01 3	MEM	CX			26A			
09758		XA442	57										DNW	01				MEM						
11573		XA442	58										GND	01	GROUND			MEM				40B		
09759		XA442	59										DNW	01				MEM						
09760		XA442	60										DNW	01				MEM						
09761		XA442	61										DNW	01				MEM						
09762		XA442	62										DNW	01				MEM						
09763		XA442	63										DNW	01				MEM						
09764		XA442	64										DNW	01				MEM						
12594		XA442	65		XA441	65			16B	9			GY4100	03	GR28XY	01 4	MEM	DY			34B			
09765		XA442	66										DNW	01				MEM						
12100		XA442	67										GND		GROUND			MEM						
09766		XA442	68										DNW	01				MEM						
12095		XA442	69		XA444	46			16B	9			GR28XV	01	GR28XV	00 1	MEM	DV			35A			
09767		XA442	70										DNW	01				MEM						
12478		XA442	71		XA441	71			16B	9			GY2100	03	GR28XY	01 2	MEM	DY			36A			
12536		XA442	72		XA441	72			16B	9			GY3100	03	GR28XY	01 3	MEM	DY			34A			
CONNECTOR		XA442	CONTINUED ON THE NEXT PAGE ****																					

DRAWING NUMBER 149012-880 CONNECTOR UNIT ASSEMBLY NO. 149012 REV E INDEX XA442
 UNIT ASSEMBLY NAME CARD CAGE ASSY,CPU L.H. FILE IDENT T39B2CP1 DATE 09-03-82 PAGE 338

RECORD NUMBER	FROM			DR TO	TO			WIRE				SPT 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	DR FC	MULTI GROUP	CODE	COLOR												
12420		XA442	73		XA441	73			16B	9		GY1100	03	GR28XY	01	1	MEM	DY			36B		
12094		XA442	74						16B	9		GR28W0	02	GR28XV	01	1	MEM	DV			35B		
12188		XA442	75		XA441	75			16B	9		GX1100	03	GR28XX	01	1	MEM	DX			37B		
12098		XA442	76		XA327	13			16B	9		GR28XW	02	GR28XW	00	1	MEM	DW			37A		
12246		XA442	77		XA441	77			16B	9		GX2100	03	GR28XX	01	2	MEM	DX			38B		
12092		XA442	78						16B	9		GR28V0	02	GR28XW	01	1	MEM	DW			38A		
12304		XA442	79		XA441	79			16B	9		GX3100	03	GR28XX	01	3	MEM	DX			39B		
12362		XA442	80		XA441	80			16B	9		GX4100	03	GR28XX	01	4	MEM	DX			39A		
12495		XA443	01		XA442	01			16B	9		GY3010	02	GR05XY	01	3	MEM	AY			02B		
11574		XA443	02									GND	01	GROUND			MEM				01A		
12553		XA443	03		XA442	03			16B	9		GY4010	02	GR05XY	01	4	MEM	AY			02A		
12379		XA443	04		XA442	04			16B	9		GY1010	02	GR05XY	01	1	MEM	AY			04A		
12437		XA443	05		XA442	05			16B	9		GY2010	02	GR05XY	01	2	MEM	AY			03B		
12147		XA443	06		XA442	06			16B	9		GX1010	02	GR05XX	01	1	MEM	AX			05A		
11860		XA443	07						16B	9		GR05W0	02	GR05XV	01	1	MEM	AV			03A		
12205		XA443	08		XA442	08			16B	9		GX2010	02	GR05XX	01	2	MEM	AX			06A		
11861		XA443	09		XA444	08			16B	9		GR05XV	01	GR05XV	00	1	MEM	AV			04B		
12263		XA443	10		XA442	10			16B	9		GX3010	02	GR05XX	01	3	MEM	AX			07A		
11864		XA443	11		XA328	31			16B	9		GR05XW	02	GR05XW	00	1	MEM	AW			05B		
00606		XA443	12									+5V	01				MEM						
11858		XA443	13						16B	9		GR05V0	02	GR05XW	01	1	MEM	AW			06B		
09768		XA443	14									DNW	01				MEM						
12321		XA443	15		XA442	15			16B	9		GX4010	02	GR05XX	01	4	MEM	AX			07B		
11575		XA443	16									GND	01	GROUND			MEM				21B		
09769		XA443	17									DNW	01				MEM						
09770		XA443	18									DNW	01				MEM						
09771		XA443	19									DNW	01				MEM						
09772		XA443	20									DNW	01				MEM						
09773		XA443	21									DNW	01				MEM						
09774		XA443	22									DNW	01				MEM						
09775		XA443	23									DNW	01				MEM						
09776		XA443	24									DNW	01				MEM						
09777		XA443	25									DNW	01				MEM						
09778		XA443	26									DNW	01				MEM						
09779		XA443	27									DNW	01				MEM						
00607		XA443	28									+5V	01				MEM						
12564		XA443	29		XA442	29			16B	9		GY4040	02	GR13XY	01	4	MEM	BY			14B		
12506		XA443	30		XA442	30			16B	9		GY3040	02	GR13XY	01	3	MEM	BY			15A		
11940		XA443	31						16B	9		GR13W0	02	GR13XV	01	1	MEM	BV			15B		
11576		XA443	32									GND	01	GROUND			MEM				27A		
11941		XA443	33		XA444	24			16B	9		GR13XV	01	GR13XV	00	1	MEM	BV			16B		
12448		XA443	34		XA442	34			16B	9		GY2040	02	GR13XY	01	2	MEM	BY			16A		
11944		XA443	35		XA328	53			16B	9		GR13XW	02	GR13XW	00	1	MEM	BW			17B		
12390		XA443	36		XA442	36			16B	9		GY1040	02	GR13XY	01	1	MEM	BY			17A		
11938		XA443	37						16B	9		GR13V0	02	GR13XW	01	1	MEM	BW			18B		
12158		XA443	38		XA442	38			16B	9		GX1040	02	GR13XX	01	1	MEM	BX			18A		
12332		XA443	39		XA442	39			16B	9		GX4040	02	GR13XX	01	4	MEM	BX			19B		
12216		XA443	40		XA442	40			16B	9		GX2040	02	GR13XX	01	2	MEM	BX			19A		
CONNECTOR (XA443) CONTINUED ON THE NEXT PAGE ****																							

DRAWING NUMBER 149012-880 CONNECTOR UNIT ASSEMBLY NO. 149012 REV E INDEX XA443
 UNIT ASSEMBLY NAME CARD CAGE ASSY,CPU L.H. FILE IDENT T39B2CP1 DATE 09-03-82 PAGE 339

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											
12582		XA443	41		XA442	41			16B	9		GY4070	02	GR21XY	01	4	MEM	CY		22B	
12274		XA443	42		XA442	42			16B	9		GX3040	02	GR13XX	01	3	MEM	BX		20A	
12017		XA443	43						16B	9		GR21W0	02	GR21XV	01	1	MEM	CV		23B	
12023		XA443	44									GND		GRUUND			MEM			40A	
12018		XA443	45		XA444	38			16B	9		GR21XV	01	GR21XV	00	1	MEM	CV		24B	
12524		XA443	46		XA442	46			16B	9		GY3070	02	GR21XY	01	3	MEM	CY		21A	
12021		XA443	47		XA327	31			16B	9		GR21XW	02	GR21XW	00	1	MEM	CW		25B	
12466		XA443	48		XA442	48			16B	9		GY2070	02	GR21XY	01	2	MEM	CY		22A	
12015		XA443	49						16B	9		GR21V0	02	GR21XW	01	1	MEM	CW		26B	
12408		XA443	50		XA442	50			16B	9		GY1070	02	GR21XY	01	1	MEM	CY		23A	
12350		XA443	51		XA442	51			16B	9		GX4070	02	GR21XX	01	4	MEM	CX		27B	
12176		XA443	52		XA442	52			16B	9		GX1070	02	GR21XX	01	1	MEM	CX		24A	
09780		XA443	53									DNW	01				MEM				
12234		XA443	54		XA442	54			16B	9		GX2070	02	GR21XX	01	2	MEM	CX		25A	
09781		XA443	55									DNW	01				MEM				
12292		XA443	56		XA442	56			16B	9		GX3070	02	GR21XX	01	3	MEM	CX		26A	
09782		XA443	57									DNW	01				MEM				
11577		XA443	58									GND	01	GROUND			MEM			40B	
09783		XA443	59									DNW	01				MEM				
09784		XA443	60									DNW	01				MEM				
09785		XA443	61									DNW	01				MEM				
09786		XA443	62									DNW	01				MEM				
09787		XA443	63									DNW	01				MEM				
09788		XA443	64									DNW	01				MEM				
12593		XA443	65		XA442	65			16B	9		GY4100	02	GR29XY	01	4	MEM	DY		34B	
09789		XA443	66									DNW	01				MEM				
12111		XA443	67									GND		GROUND			MEM				
09790		XA443	68									DNW	01				MEM				
12106		XA443	69		XA444	48			16B	9		GR29XV	01	GR29XV	00	1	MEM	DV		35A	
09791		XA443	70									DNW	01				MEM				
12477		XA443	71		XA442	71			16B	9		GY2100	02	GR29XY	01	2	MEM	DY		36A	
12535		XA443	72		XA442	72			16B	9		GY3100	02	GR29XY	01	3	MEM	DY		34A	
12419		XA443	73		XA442	73			16B	9		GY1100	02	GR29XY	01	1	MEM	DY		36B	
12105		XA443	74						16B	9		GR29W0	02	GR29XV	01	1	MEM	DV		35B	
12187		XA443	75		XA442	75			16B	9		GX1100	02	GR29XX	01	1	MEM	DX		37B	
12109		XA443	76		XA327	07			16B	9		GR29XW	02	GR29XW	00	1	MEM	DW		37A	
12245		XA443	77		XA442	77			16B	9		GX2100	02	GR29XX	01	2	MEM	DX		38B	
12103		XA443	78						16B	9		GR29V0	02	GR29XW	01	1	MEM	DW		38A	
12303		XA443	79		XA442	79			16B	9		GX3100	02	GR29XX	01	3	MEM	DX		39B	
12361		XA443	80		XA442	80			16B	9		GX4100	02	GR29XX	01	4	MEM	DX		39A	
09792		XA444	01									DNW	01				RR1				
11578		XA444	02									GND	01	GROUND			RR1				
00203		XA444	03		XA343	79			16B	9		+5RE2B	25				RR1	AP		+5RE2B	802
00204		XA444	04									SPF					RR1	AP			
11853		XA444	05		XA442	11			16B	9		GR04XW	01				RR1	A1			
11852		XA444	06						16B	9		GR04XV	02				RR1	A2			
11863		XA444	07		XA443	11			16B	9		GR05XW	01				RR1	A3			
11862		XA444	08						16B	9		GR05XV	02				RR1	A4			
CONNECTOR (XA444) CONTINUED ON THE NEXT PAGE ****																					

DRAWING NUMBER 149012-880 CONNECTOR UNIT ASSEMBLY NO. 149012 REV E INDEX XA444
 UNIT ASSEMBLY NAME CARD CAGE ASSY,CPU L.H. FILE IDENT T39B2CP1 DATE 09-03-82 PAGE 340

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	PREFIX	CONNECTOR	PIN	MULTI GROUP	CODE	COLOR	IDENT												
11873		XA444	09		XA445	11		16B	9			GR06XW	01				RR1	A5				
11871		XA444	10		XA445	09		16B	9			GR06XV	01				RR1	A6				
09793		XA444	11									DNW	01				RR1					
09794		XA444	12									+5V	01				RR1					
00205		XA444	13		XA444	03		16B	9			+5RE2B	24				RR1	BP			+5RE2B	B02
00206		XA444	14									SPF					RR1	BP				
12730		XA444	15									DNW	01				RR1				KEYWAY	C05
11579		XA444	16									DNW	01				RR1				KEYWAY	C05
11883		XA444	17		XA446	11		16B	9			GR07XW	01				RR1	B1				
11881		XA444	18		XA446	09		16B	9			GR07XV	01				RR1	B2				
11933		XA444	19		XA442	35		16B	9			GR12XW	01				RR1	B3				
11932		XA444	20					16B	9			GR12XV	02				RR1	B4				
00207		XA444	21		XA444	13		16B	9			+5RE2B	23				RR1	CP				
00208		XA444	22									SPF					RR1	CP			+5RE2B	B02
11943		XA444	23		XA443	35		16B	9			GR13XW	01				RR1	C1				
11942		XA444	24					16B	9			GR13XV	02				RR1	B5				
11953		XA444	25		XA445	35		16B	9			GR14XW	01				RR1	C2				
11951		XA444	26		XA445	33		16B	9			GR14XV	01				RR1	B6				
12731		XA444	27									DNW	01				RR1				KEYWAY	C05
09795		XA444	28									DNW	01				RR1				KEYWAY	C05
11963		XA444	29		XA446	35		16B	9			GR15XW	01				RR1	C3				
11961		XA444	30		XA446	33		16B	9			GR15XV	01				RR1	C4				
09796		XA444	31									DNW	01				RR1					
11580		XA444	32									GND	01	GRGUND			RR1					
00209		XA444	33		XA444	21		16B	9			+5RE2B	22				RR1	DP				
00210		XA444	34									SPF					RR1	DP			+5RE2B	B02
12009		XA444	35		XA442	47		16B	9			GR20XW	01				RR1	D1				
12008		XA444	36					16B	9			GR20XV	02				RR1	C6				
12020		XA444	37		XA443	47		16B	9			GR21XW	01				RR1	D2				
12019		XA444	38					16B	9			GR21XV	02				RR1	C5				
12031		XA444	39		XA445	47		16B	9			GR22XW	01				RR1	D3				
12029		XA444	40		XA445	45		16B	9			GR22XV	01				RR1	D4				
12042		XA444	41		XA446	47		16B	9			GR23XW	01				RR1	E1				
12040		XA444	42		XA446	45		16B	9			GR23XV	01				RR1	D5				
09797		XA444	43									DNW	01				RR1					
17291		XA444	44									GND		GRGUND			RR1					
12097		XA444	45		XA442	76		16B	9			GR28XW	01				RR1	E2				
12096		XA444	46					16B	9			GR28XV	02				RR1	D6				
12108		XA444	47		XA443	76		16B	9			GR29XW	01				RR1	E3				
12107		XA444	48					16B	9			GR29XV	02				RR1	E4				
00211		XA444	49		XA444	33		16B	9			+5RE2B	21				RR1	EP				
00212		XA444	50									SPF					RR1	EP			+5RE2B	B02
12119		XA444	51		XA445	76		16B	9			GR30XW	01				RR1	F1				
12117		XA444	52		XA445	69		16B	9			GR30XV	01				RR1	E5				
12130		XA444	53		XA446	76		16B	9			GR31XW	01				RR1	F2				
12128		XA444	54		XA446	69		16B	9			GR31XV	01				RR1	E6				
20567		XA444	55									SPR	01				RR1	F3				
17891		XA444	56		XA532	63		16B	9			SPI035	01				RR1	F4				
09798		XA444	57									DNW	01				RR1					
17849		XA444	58									GND		GROUND			RR1					
CONNECTOR (XA444) CONTINUED ON THE NEXT PAGE ****																						

DRAWING NUMBER 149012-880 CONNECTOR UNIT ASSEMBLY NO. 149012 REV E INDEX XA444
 UNIT ASSEMBLY NAME CARD CAGE ASSY,CPU L.H. FILE IDENT T39B2CP1 DATE 09-03-82 PAGE 341

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											
00213		XA444	59		XA444	49			168	9		+5RE2B	20			RR1	FP				
00214		XA444	60									SPF				RR1	FP			+5RE2B	B02
17873		XA444	61		XA532	60			168	9		SPI033	01			RR1	G1				
17899		XA444	62		XA528	49			168	9		SPI036	01			RR1	F5				
17882		XA444	63		XA532	64			168	9		SPI034	01			RR1	G2				
17906		XA444	64		XA528	61			168	9		SPI037	01			RR1	F6				
17914		XA444	65		XA532	48			168	9		SPI038	01			RR1	G3				
17346		XA444	66		XA526	49			168	9		SPA115	01			RR1	G4				
17289		XA444	67									GND		GR0UND		RR1					
09799		XA444	68									DNW	01			RR1					
00215		XA444	69		XA444	59			168	9		+5RE2B	19			RR1	GP				
00216		XA444	70									SPF				RR1	GP			+5RE2B	B02
17921		XA444	71		XA526	55			168	9		SPI039	00			RR1	H1				C06
17357		XA444	72		XA528	78			168	9		SPA116	01			RR1	G5				
17335		XA444	73		XA526	48			168	9		SPA114	01			RR1	H2				
17368		XA444	74		XA530	31			168	9		SPA117	01			RR1	G6				
17379		XA444	75		XA529	74			168	9		SPA118	01			RR1	H3				
17414		XA444	76		XA534	70			168	9		SPA121	01			RR1	H4				
17835		XA444	77						168	9		SPI028	04			RR1	H5				
17839		XA444	78		XA532	72			168	9		SPI029	04			RR1	H6				
00217		XA444	79		XA444	69			168	9		+5RE2B	18			RR1	HP				
00218		XA444	80									SPF				RR1	HP			+5RE2B	B02
12500		XA445	01						168	9		GY3020	03	GR06XY	01	3	MEM	AY			02B
11581		XA445	02									GND	01	GROUND			MEM				01A
12558		XA445	03						168	9		GY4020	03	GR06XY	01	4	MEM	AY			02A
12384		XA445	04						168	9		GY1020	03	GR06XY	01	1	MEM	AY			04A
12442		XA445	05						168	9		GY2020	03	GR06XY	01	2	MEM	AY			03B
12152		XA445	06						168	9		GX1020	03	GR06XX	01	1	MEM	AX			05A
11870		XA445	07						168	9		GR06W0	02	GR06XV	01	1	MEM	AV			03A
12210		XA445	08						168	9		GX2020	03	GR06XX	01	2	MEM	AX			06A
11872		XA445	09						168	9		GR06XV	02	GR06XV	00	1	MEM	AV			04B
12268		XA445	10						168	9		GX3020	03	GR06XX	01	3	MEM	AX			07A
11874		XA445	11		XA328	36			168	9		GR06XW	02	GR06XW	00	1	MEM	AW			05B
00608		XA445	12									+5V	01			MEM					
11868		XA445	13						168	9		GR06V0	02	GR06XW	01	1	MEM	AW			06B
09800		XA445	14									DNW	01			MEM					
12326		XA445	15						168	9		GX4020	03	GR06XX	01	4	MEM	AX			07B
11582		XA445	16									GND	01	GROUND			MEM				21B
09801		XA445	17									DNW	01			MEM					
09802		XA445	18									DNW	01			MEM					
09803		XA445	19									DNW	01			MEM					
09804		XA445	20									DNW	01			MEM					
09805		XA445	21									DNW	01			MEM					
09806		XA445	22									DNW	01			MEM					
09807		XA445	23									DNW	01			MEM					
09808		XA445	24									DNW	01			MEM					
09809		XA445	25									DNW	01			MEM					
09810		XA445	26									DNW	01			MEM					
CONNECTOR		XA445	CONTINUED ON THE NEXT PAGE ****																		

DRAWING NUMBER 149012-880 CONNECTOR UNIT ASSEMBLY NO. 149012 REV E INDEX XA445
 UNIT ASSEMBLY NAME CARD CAGE ASSY,CPU L.H. FILE IDENT T39B2CP1 DATE 09-03-82 PAGE 342

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												
09811		XA445	27										DNW	01				MEM					
00609		XA445	28										+5V	01				MEM					
12569		XA445	29						168	9			GY4050	03	GR14XY	01	4	MEM	BY		14B		
12511		XA445	30						168	9			GY3050	03	GR14XY	01	3	MEM	BY		15A		
11950		XA445	31						168	9			GR14W0	02	GR14XV	01	1	MEM	BV		15B		
11583		XA445	32										GND	01	GROUND			MEM			27A		
11952		XA445	33						168	9			GR14XV	02	GR14XV	00	1	MEM	BV		16B		
12453		XA445	34						168	9			GY2050	03	GR14XY	01	2	MEM	BY		16A		
11954		XA445	35		XA328	62			168	9			GR14XW	02	GR14XW	00	1	MEM	BW		17B		
12395		XA445	36						168	9			GY1050	03	GR14XY	01	1	MEM	BY		17A		
11948		XA445	37						168	9			GR14V0	02	GR14XW	01	1	MEM	BW		18B		
12163		XA445	38						168	9			GX1050	03	GR14XX	01	1	MEM	BX		18A		
12337		XA445	39						168	9			GX4050	03	GR14XX	01	4	MEM	BX		19B		
12221		XA445	40						168	9			GX2050	03	GR14XX	01	2	MEM	BX		19A		
12587		XA445	41						168	9			GY4080	03	GR22XY	01	4	MEM	CY		22B		
12279		XA445	42						168	9			GX3050	03	GR14XX	01	3	MEM	BX		20A		
12028		XA445	43						168	9			GR22W0	02	GR22XV	01	1	MEM	CV		23B		
12034		XA445	44										GND		GROUND			MEM			40A		
12030		XA445	45						168	9			GR22XV	02	GR22XV	00	1	MEM	CV		24B		
12529		XA445	46						168	9			GY3080	03	GR22XY	01	3	MEM	CY		21A		
12032		XA445	47		XA327	36			168	9			GR22XW	02	GR22XW	00	1	MEM	CW		25B		
12471		XA445	48						168	9			GY2080	03	GR22XY	01	2	MEM	CY		22A		
12026		XA445	49						168	9			GR22V0	02	GR22XW	01	1	MEM	CW		26B		
12413		XA445	50						168	9			GY1080	03	GR22XY	01	1	MEM	CY		23A		
12355		XA445	51						168	9			GX4080	03	GR22XX	01	4	MEM	CX		27B		
12181		XA445	52						168	9			GX1080	03	GR22XX	01	1	MEM	CX		24A		
09812		XA445	53										DNW	01				MEM					
12239		XA445	54						168	9			GX2080	03	GR22XX	01	2	MEM	CX		25A		
09813		XA445	55										DNW	01				MEM					
12297		XA445	56						168	9			GX3080	03	GR22XX	01	3	MEM	CX		26A		
09814		XA445	57										DNW	01				MEM					
11584		XA445	58										GND	01	GROUND			MEM			40B		
09815		XA445	59										DNW	01				MEM					
09816		XA445	60										DNW	01				MEM					
09817		XA445	61										DNW	01				MEM					
09818		XA445	62										DNW	01				MEM					
09819		XA445	63										DNW	01				MEM					
09820		XA445	64										DNW	01				MEM					
12598		XA445	65						168	9			GY4110	03	GR30XY	01	4	MEM	DY		34B		
09821		XA445	66										DNW	01				MEM					
12122		XA445	67										GND		GROUND			MEM					
09822		XA445	68										DNW	01				MEM					
12118		XA445	69						168	9			GR30XV	02	GR30XV	00	1	MEM	DV		35A		
09823		XA445	70										DNW	01				MEM					
12482		XA445	71						168	9			GY2110	03	GR30XY	01	2	MEM	DY		36A		
12540		XA445	72						168	9			GY3110	03	GR30XY	01	3	MEM	DY		34A		
12424		XA445	73						168	9			GY1110	03	GR30XY	01	1	MEM	DY		36B		
12116		XA445	74						168	9			GR30W0	02	GR30XV	01	1	MEM	DV		35B		
12192		XA445	75						168	9			GX1110	03	GR30XX	01	1	MEM	DX		37B		
12120		XA445	76		XA327	04			168	9			GR30XW	02	GR30XW	00	1	MEM	DW		37A		
CONNECTOR		XA445	CONTINUED ON THE NEXT PAGE ****																				

DRAWING NUMBER 149012-880 CONNECTOR UNIT ASSEMBLY NO. 149012 REV E INDEX XA445
 UNIT ASSEMBLY NAME CARD CAGE ASSY,CPU L.H. FILE IDENT T39B2CP1 DATE 09-03-82 PAGE 343

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	ST P/O	PREFIX	CONNECTOR	PIN	ST P/O	MULTI GROUP	CODE	COLOR	IDENT											
12250		XA445	77							16B	9		GX2110	03	GR30XX	01	2	MEM	DX		38B		
12114		XA445	78							16B	9		GR30V0	02	GR30XW	01	1	MEM	DW		38A		
12308		XA445	79							16B	9		GX3110	03	GR30XX	01	3	MEM	DX		39B		
12366		XA445	80							16B	9		GX4110	03	GR30XX	01	4	MEM	DX		39A		
12499		XA446	01		XA445	01				16B	9		GY3020	02	GR07XY	01	3	MEM	AY		02B		
11585		XA446	02										GND	01	GROUND			MEM			01A		
12557		XA446	03		XA445	03				16B	9		GY4020	02	GR07XY	01	4	MEM	AY		02A		
12383		XA446	04		XA445	04				16B	9		GY1020	02	GR07XY	01	1	MEM	AY		04A		
12441		XA446	05		XA445	05				16B	9		GY2020	02	GR07XY	01	2	MEM	AY		03B		
12151		XA446	06		XA445	06				16B	9		GX1020	02	GR07XX	01	1	MEM	AX		05A		
11880		XA446	07							16B	9		GR07W0	02	GR07XV	01	1	MEM	AV		03A		
12209		XA446	08		XA445	08				16B	9		GX2020	02	GR07XX	01	2	MEM	AX		06A		
11882		XA446	09							16B	9		GR07XV	02	GR07XV	00	1	MEM	AV		04B		
12267		XA446	10		XA445	10				16B	9		GX3020	02	GR07XX	01	3	MEM	AX		07A		
11884		XA446	11		XA328	42				16B	9		GR07XW	02	GR07XW	00	1	MEM	AW		05B		
00610		XA446	12										+5V	01				MEM					
11878		XA446	13							16B	9		GR07V0	02	GR07XW	01	1	MEM	AW		06B		
09824		XA446	14										DNW	01				MEM					
12325		XA446	15		XA445	15				16B	9		GX4020	02	GR07XX	01	4	MEM	AX		07B		
11586		XA446	16										GND	01	GROUND			MEM			21B		
09825		XA446	17										DNW	01				MEM					
09826		XA446	18										DNW	01				MEM					
09827		XA446	19										DNW	01				MEM					
09828		XA446	20										DNW	01				MEM					
09829		XA446	21										DNW	01				MEM					
09830		XA446	22										DNW	01				MEM					
09831		XA446	23										DNW	01				MEM					
09832		XA446	24										DNW	01				MEM					
09833		XA446	25										DNW	01				MEM					
09834		XA446	26										DNW	01				MEM					
09835		XA446	27										DNW	01				MEM					
00611		XA446	28										+5V	01				MEM					
12568		XA446	29		XA445	29				16B	9		GY4050	02	GR15XY	01	4	MEM	BY		14B		
12510		XA446	30		XA445	30				16B	9		GY3050	02	GR15XY	01	3	MEM	BY		15A		
11960		XA446	31							16B	9		GR15W0	02	GR15XV	01	1	MEM	BV		15B		
11587		XA446	32										GND	01	GROUND			MEM			27A		
11962		XA446	33							16B	9		GR15XV	02	GR15XV	00	1	MEM	BV		16B		
12452		XA446	34		XA445	34				16B	9		GY2050	02	GR15XY	01	2	MEM	BY		16A		
11964		XA446	35		XA328	68				16B	9		GR15XW	02	GR15XW	00	1	MEM	BW		17B		
12394		XA446	36		XA445	36				16B	9		GY1050	02	GR15XY	01	1	MEM	BY		17A		
11958		XA446	37							16B	9		GR15V0	02	GR15XW	01	1	MEM	BW		18B		
12162		XA446	38		XA445	38				16B	9		GX1050	02	GR15XX	01	1	MEM	BX		18A		
12336		XA446	39		XA445	39				16B	9		GX4050	02	GR15XX	01	4	MEM	BX		19B		
12220		XA446	40		XA445	40				16B	9		GX2050	02	GR15XX	01	2	MEM	BX		19A		
12586		XA446	41		XA445	41				16B	9		GY4080	02	GR23XY	01	4	MEM	CY		22B		
12278		XA446	42		XA445	42				16B	9		GX3050	02	GR15XX	01	3	MEM	BX		20A		
12039		XA446	43							16B	9		GR23W0	02	GR23XV	01	1	MEM	CV		23B		
12045		XA446	44										GND		GROUND			MEM			40A		
CONNECTOR		XA446	CONTINUED ON THE NEXT PAGE ****																				

DRAWING NUMBER 149012-880 CONNECTOR UNIT ASSEMBLY NO. 149012 REV E INDEX XA446
 UNIT ASSEMBLY NAME CARD CAGE ASSY,CPU L.H. FILE IDENT T39B2CP1 DATE 09-03-82 PAGE 344

RECORD NUMBER	FROM				TO				WIRE			SIGNAL	SEQ NO	EQUATION	TERM	FACTOR	CKT OR CHIP TYPE	PROP	LOAD OR POWER PLANE	TEST POINTS AND/OR	SIGNAL DESCRIPTION	ECO NO
	PREFIX	CONNECTOR	PIN	SH.F.C.	PREFIX	CONNECTOR	PIN	SH.F.C.	MULTI GROUP	CODE	COLOR											
12041		XA446	45							16B	9		GR23XV	02	GP23XV	00	1	MEM	CV		24B	
12528		XA446	46		XA445	46				16B	9		GY3080	02	GR23XY	01	3	MEM	CY		21A	
12043		XA446	47		XA327	42				16B	9		GR23XW	02	GR23XW	00	1	MEM	CW		25B	
12470		XA446	48		XA445	48				16B	9		GY2080	02	GR23XY	01	2	MEM	CY		22A	
12037		XA446	49							16B	9		GR23V0	02	GR23XW	01	1	MEM	CW		26B	
12412		XA446	50		XA445	50				16B	9		GY1080	02	GP23XY	01	1	MEM	CY		23A	
12354		XA446	51		XA445	51				16B	9		GX4080	02	GR23XX	01	4	MEM	CX		27B	
12180		XA446	52		XA445	52				16B	9		GX1080	02	GP23XX	01	1	MEM	CX		24A	
09836		XA446	53										DNW	01				MEM				
12238		XA446	54		XA445	54				16B	9		GX2080	02	GR23XX	01	2	MEM	CX		25A	
09837		XA446	55										DNW	01				MEM				
12296		XA446	56		XA445	56				16B	9		GX3080	02	GR23XX	01	3	MEM	CX		26A	
09838		XA446	57										DNW	01				MEM				
11588		XA446	58										GND	01	GROUND			MEM			40B	
09839		XA446	59										DNW	01				MEM				
09840		XA446	60										DNW	01				MEM				
09841		XA446	61										DNW	01				MEM				
09842		XA446	62										DNW	01				MEM				
09843		XA446	63										DNW	01				MEM				
09844		XA446	64										DNW	01				MEM				
12597		XA446	65		XA445	65				16B	9		GY4110	02	GR31XY	01	4	MEM	DY		34B	
09845		XA446	66										DNW	01				MEM				
12133		XA446	67										GND		GROUND			MEM				
09846		XA446	68										DNW	01				MEM				
12129		XA446	69							16B	9		GR31XV	02	GR31XV	00	1	MEM	DV		35A	
09847		XA446	70										DNW	01				MEM				
12481		XA446	71		XA445	71				16B	9		GY2110	02	GR31XY	01	2	MEM	DY		36A	
12539		XA446	72		XA445	72				16B	9		GY3110	02	GR31XY	01	3	MEM	DY		34A	
12423		XA446	73		XA445	73				16B	9		GY1110	02	GR31XY	01	1	MEM	DY		36B	
12127		XA446	74							16B	9		GR31W0	02	GR31XV	01	1	MEM	DV		35B	
12191		XA446	75		XA445	75				16B	9		GX1110	02	GR31XX	01	1	MEM	DX		37B	
12131		XA446	76		XA327	10				16B	9		GR31XW	02	GR31XW	00	1	MEM	DW		37A	
12249		XA446	77		XA445	77				16B	9		GX2110	02	GR31XX	01	2	MEM	DX		38B	
12125		XA446	78							16B	9		GR31V0	02	GR31XW	01	1	MEM	DW		38A	
12307		XA446	79		XA445	79				16B	9		GX3110	02	GR31XX	01	3	MEM	DX		39B	
12365		XA446	80		XA445	80				16B	9		GX4110	02	GR31XX	01	4	MEM	DX		39A	
12374		XA447	01		XA440	04				16B	9		GY1000	01	GY1000	00	1	TQ2	A2		02B	
11589		XA447	02										GND	01	GROUND			TQ2			01A	
17108		XA447	03		XA447	05				16B	9		SPA095	02	GX1010	01	1	TQ2	A3		02A	
12368		XA447	04		XA447	13				16B	9		GY100A	02	GY1000	01	1	TQ2	A2		04A	
17109		XA447	05		XA447	10				16B	9		SPA095	03	GY1000	01	2	TQ2	A2		03B	
12142		XA447	06		XA440	06				16B	9		GX1000	01	GX1000	00	1	TQ2	A1		05A	
12136		XA447	07		XA447	08				16B	9		GX100A	02	GX1010	01	2	TQ2	A3		03A	
12137		XA447	08		XA447	19				16B	9		GX100A	03	GX1000	01	2	TQ2	A1		06A	
12146		XA447	09		XA443	06				16B	9		GX1010	01	GX1010	00	1	TQ2	A3		04B	
17110		XA447	10		XA447	11				16B	9		SPA095	04	GX1000	01	1	TQ2	A1		07A	
17111		XA447	11		XA447	17				16B	9		SPA095	05	GY1010	01	1	TQ2	A4		05B	
00612		XA447	12										+5V	01				TQ2				
CONNECTOR (XA447) CONTINUED ON THE NEXT PAGE ****																						

DRAWING NUMBER 149012-880 CONNECTOR UNIT ASSEMBLY NO. 149012 REV E INDEX XA447
 UNIT ASSEMBLY NAME CARD CAGE ASSY,CPU L.H. FILE IDENT T39B2CP1 DATE 09-03-82 PAGE 345

RECORD NUMBER	FROM			TO			WIRE				SFC INST MISC	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	SFC	PREFIX	CONNECTOR	PIN	SFC	MULTI GROUP	CODE												
12369		XA447	13		XA447	18			16B	9		GY100A	03	GY1010	01	2	TQ2	A4		06B		
12382		XA447	14		XA446	04			16B	9		GY1020	01	GY1020	00	1	TQ2	B2		09A		
12378		XA447	15		XA443	04			16B	9		GY1010	01	GY1010	00	1	TQ2	A4		07B		
11590		XA447	16									GND	01				TQ2			01B		
17112		XA447	17		XA447	20			16B	9		SPA095	06	GX1030	01	1	TQ2	B3		08B		
12370		XA447	18		XA447	25			16B	9		GY100A	04	GY1020	01	2	TQ2	B2		10A		
12138		XA447	19		XA447	24			16B	9		GX100A	04	GX1030	01	2	TQ2	B3		09B		
17113		XA447	20		XA447	23			16B	9		SPA095	07	GY1020	01	1	TQ2	B2		11A		
12153		XA447	21		XA440	38			16B	9		GX1030	01	GX1030	00	1	TQ2	B3		10B		
12150		XA447	22		XA446	06			16B	9		GX1020	01	GX1020	00	1	TQ2	B1		12A		
17114		XA447	23		XA447	26			16B	9		SPA095	08	GY1030	01	1	TQ2	B4		11B		
12139		XA447	24		XA447	31			16B	9		GX100A	05	GX1020	01	2	TQ2	B1		13A		
12371		XA447	25		XA447	34			16B	9		GY100A	05	GY1030	01	2	TQ2	B4		12B		
17115		XA447	26		XA447	29			16B	9		SPA095	09	GX1020	01	1	TQ2	B1		14A		
12385		XA447	27		XA440	36			16B	9		GY1030	01	GY1030	00	1	TQ2	B4		13B		
00613		XA447	28									+5V	01				TQ2					
17116		XA447	29		XA447	36			16B	9		SPA095	10	GX1050	01	1	TQ2	C3		14B		
12389		XA447	30		XA443	36			16B	9		GY1040	01	GY1040	00	1	TQ2	C2		15A		
12140		XA447	31		XA447	40			16B	9		GX100A	06	GX1050	01	2	TQ2	C3		15B		
11591		XA447	32									GND	01				TQ2			20B		
12161		XA447	33		XA446	38			16B	9		GX1050	01	GX1050	00	1	TQ2	C3		16B		
12372		XA447	34		XA447	35			16B	9		GY100A	06	GY1040	01	2	TQ2	C2		16A		
12373		XA447	35						16B	9		GY100A	07	GY1050	01	1	TQ2	C4		17B		
17117		XA447	36						16B	9		SPA095	11	GY1040	01	1	TQ2	C2		17A		
17119		XA447	37		XA447	41			16B	9		SPA096	02	GY1050	01	2	TQ2	C4		18B		
12157		XA447	38		XA443	38			16B	9		GX1040	01	GX1040	00	1	TQ2	C1		18A		
12393		XA447	39		XA446	36			16B	9		GY1050	01	GY1050	00	1	TQ2	C4		19B		
12141		XA447	40						16B	9		GX100A	07	GX1040	01	2	TQ2	C1		19A		
17120		XA447	41		XA447	42			16B	9		SPA096	03	GX1070	01	1	TQ2	D3		22B		
17121		XA447	42		XA447	47			16B	9		SPA096	04	GX1040	01	1	TQ2	C1		20A		
12170		XA447	43						16B	9		GX106A	07	GX1070	01	2	TQ2	D3		23B		
11592		XA447	44									GND	01				TQ2			21B		
12175		XA447	45		XA443	52			16B	9		GX1070	01	GX1070	00	1	TQ2	D3		24B		
12403		XA447	46		XA440	50			16B	9		GY1060	01	GY1060	00	1	TQ2	D2		21A		
17122		XA447	47		XA447	48			16B	9		SPA096	05	GY1070	01	1	TQ2	D4		25B		
17123		XA447	48		XA447	53			16B	9		SPA096	06	GY1060	01	2	TQ2	D2		22A		
12398		XA447	49		XA447	62			16B	9		GY106A	03	GY1070	01	2	TQ2	D4		26B		
12397		XA447	50		XA447	49			16B	9		GY106A	02	GY1060	01	1	TQ2	D2		23A		
12407		XA447	51		XA443	50			16B	9		GY1070	01	GY1070	00	1	TQ2	D4		27B		
12171		XA447	52		XA440	52			16B	9		GX1060	01	GX1060	00	1	TQ2	D1		24A		
17124		XA447	53		XA447	56			16B	9		SPA096	07	GX1090	01	1	TQ2	E3		28B		
12169		XA447	54		XA447	43			16B	9		GX106A	06	GX1060	01	2	TQ2	D1		25A		
12168		XA447	55		XA447	54			16B	9		GX106A	05	GX1090	01	2	TQ2	E3		29B		
17125		XA447	56		XA447	59			16B	9		SPA096	08	GX1060	01	1	TQ2	D1		26A		
12182		XA447	57		XA440	75			16B	9		GX1090	01	GX1090	00	1	TQ2	E3		30B		
11593		XA447	58									GND	01				TQ2			27A		
17126		XA447	59		XA447	64			16B	9		SPA096	09	GY1090	01	1	TQ2	E4		31B		
12411		XA447	60		XA446	50			16B	9		GY1080	01	GY1080	00	1	TQ2	E2		28A		
12400		XA447	61		XA447	71			16B	9		GY106A	05	GY1090	01	2	TQ2	E4		32B		
12399		XA447	62		XA447	61			16B	9		GY106A	04	GY1080	01	2	TQ2	E2		29A		
CONNECTOR XA447 CONTINUED ON THE NEXT PAGE ****																						

DRAWING NUMBER 149012-880 CONNECTOR UNIT ASSEMBLY NO. 149012 REV E INDEX XA447
 UNIT ASSEMBLY NAME CARD CAGE ASSY,CPU L.H. FILE IDENT T39B2CP1 DATE 09-03-82 PAGE 346

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	SH 10	PREFIX	CONNECTOR	PIN	SH 10	MULTI GROUP	CODE	COLOR	IDENT											
12414		XA447	63		XA440	73				16B	9		GY1090	01	GY1090	00	1	TQ2	E4		33B		
17127		XA447	64		XA447	65				16B	9		SPA096	10	GY1080	01	1	TQ2	E2		30A		
17128		XA447	65							16B	9		SPA096	11	GX1110	01	1	TQ2	F3		34B		
12179		XA447	66		XA446	52				16B	9		GX1080	01	GX1080	00	1	TQ2	E1		31A		
11594		XA447	67										GND	01	GROUND			TQ2			40A		
12167		XA447	68		XA447	55				16B	9		GX106A	04	GX1080	01	2	TQ2	E1		32A		
12190		XA447	69		XA446	75				16B	9		GX1110	01	GX1110	00	1	TQ2	F3		35A		
17130		XA447	70		XA447	73				16B	9		SPA097	02	GX1080	01	1	TQ2	F1		33A		
12401		XA447	71		XA447	76				16B	9		GY106A	06	GY1100	01	2	TQ2	F2		36A		
12418		XA447	72		XA443	73				16B	9		GY1100	01	GY1100	00	1	TQ2	F2		34A		
17131		XA447	73		XA447	78				16B	9		SPA097	03	GY1100	01	1	TQ2	F2		36B		
12166		XA447	74		XA447	68				16B	9		GX106A	03	GX1110	01	2	TQ2	F3		35B		
12186		XA447	75		XA443	75				16B	9		GX1100	01	GY1100	00	1	TQ2	F1		37B		
12402		XA447	76							16B	9		GY106A	07	GY1110	01	1	TQ2	F4		37A		
12165		XA447	77		XA447	74				16B	9		GX106A	02	GX1100	01	2	TQ2	F1		38B		
17132		XA447	78		XA447	79				16B	9		SPA097	04	GY1110	01	2	TQ2	F4		38A		
17133		XA447	79		XA448	03				16B	9		SPA097	05	GX1100	01	1	TQ2	F1		39B		
12422		XA447	80		XA446	73				16B	9		GY1110	01	GY1110	00	1	TQ2	F4		39A		
12432		XA448	01		XA440	05				16B	9		GY2000	01	GY2000	00	1	TQ2	A2		02B		
11595		XA448	02										GND	01	GROUND			TQ2			01A		
17134		XA448	03		XA448	05				16B	9		SPA097	06	GX2010	01	1	TQ2	A3		02A		
12426		XA448	04		XA448	13				16B	9		GY200A	02	GY2000	01	1	TQ2	A2		04A		
17135		XA448	05		XA448	10				16B	9		SPA097	07	GY2000	01	2	TQ2	A2		03B		
12200		XA448	06		XA440	08				16B	9		GX2000	01	GX2000	00	1	TQ2	A1		05A		
12194		XA448	07		XA448	08				16B	9		GX200A	02	GX2010	01	2	TQ2	A3		03A		
12195		XA448	08		XA448	19				16B	9		GX200A	03	GX2000	01	2	TQ2	A1		06A		
12204		XA448	09		XA443	08				16B	9		GX2010	01	GX2010	00	1	TQ2	A3		04B		
17136		XA448	10		XA448	11				16B	9		SPA097	08	GX2000	01	1	TQ2	A1		07A		
17137		XA448	11		XA448	17				16B	9		SPA097	09	GY2010	01	1	TQ2	A4		05B		
00614		XA448	12										+5V	01				TQ2					
12427		XA448	13		XA448	18				16B	9		GY200A	03	GY2010	01	2	TQ2	A4		06B		
12440		XA448	14		XA446	05				16B	9		GY2020	01	GY2020	00	1	TQ2	B2		09A		
12436		XA448	15		XA443	05				16B	9		GY2010	01	GY2010	00	1	TQ2	A4		07B		
11596		XA448	16										GND	01	GROUND			TQ2			01B		
17138		XA448	17		XA448	20				16B	9		SPA097	10	GX2030	01	1	TQ2	B3		08B		
12428		XA448	18		XA448	25				16B	9		GY200A	04	GY2020	01	2	TQ2	B2		10A		
12196		XA448	19		XA448	24				16B	9		GX200A	04	GX2030	01	2	TQ2	B3		09B		
17139		XA448	20							16B	9		SPA097	11	GY2020	01	1	TQ2	B2		11A		
12211		XA448	21		XA440	40				16B	9		GX2030	01	GX2030	00	1	TQ2	B3		10B		
12208		XA448	22		XA446	08				16B	9		GX2020	01	GX2020	00	1	TQ2	B1		12A		
17141		XA448	23		XA448	26				16B	9		SPA098	02	GY2030	01	1	TQ2	B4		11B		
12197		XA448	24		XA448	31				16B	9		GX200A	05	GX2020	01	2	TQ2	B1		13A		
12429		XA448	25		XA448	34				16B	9		GY200A	05	GY2030	01	2	TQ2	B4		12B		
17142		XA448	26		XA448	29				16B	9		SPA098	03	GX2020	01	1	TQ2	B1		14A		
12443		XA448	27		XA440	34				16B	9		GY2030	01	GY2030	00	1	TQ2	B4		13B		
00615		XA448	28										+5V	01				TQ2					
17143		XA448	29		XA448	36				16B	9		SPA098	04	GX2050	01	1	TQ2	C3		14B		
12447		XA448	30		XA443	34				16B	9		GY2040	01	GY2040	00	1	TQ2	C2		15A		
CONNECTOR (XA448) CONTINUED ON THE NEXT PAGE ****																							

DRAWING NUMBER 149012-880 CONNECTOR UNIT ASSEMBLY NO. 149012 REV E INDEX XA448
 UNIT ASSEMBLY NAME CARD CAGE ASSY,CPU L.H. FILE IDENT T39B2CP1 DATE 09-03-82 PAGE 347

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 10	PREFIX	CONNECTOR	PIN	SH 10	MULTI GROUP	CODE	COLOR	IDENT										AND	OR		
12198		XA448	31		XA448	40			16B	9			GX200A	06	GX2050	01	2	TQ2	C3		15B				
11597		XA448	32										GND	01	GROUND			TQ2				20B			
12219		XA448	33		XA446	40			16B	9			GX2050	01	GX2050	00	1	TQ2	C3		16B				
12430		XA448	34		XA448	35			16B	9			GY200A	06	GY2040	01	2	TQ2	C2		16A				
12431		XA448	35						16B	9			GY200A	07	GY2050	01	1	TQ2	C4		17B				
17144		XA448	36		XA448	37			16B	9			SPA098	05	GY2040	01	1	TQ2	C2		17A				
17145		XA448	37		XA448	41			16B	9			SPA098	06	GY2050	01	2	TQ2	C4		18B				
12215		XA448	38		XA443	40			16B	9			GX2040	01	GX2040	00	1	TQ2	C1		18A				
12451		XA448	39		XA446	34			16B	9			GY2050	01	GY2050	00	1	TQ2	C4		19B				
12199		XA448	40						16B	9			GX200A	07	GX2040	01	2	TQ2	C1		19A				
17146		XA448	41		XA448	42			16B	9			SPA098	07	GX2070	01	1	TQ2	D3		22B				
17147		XA448	42		XA448	47			16B	9			SPA098	08	GX2040	01	1	TQ2	C1		20A				
12223		XA448	43		XA448	54			16B	9			GX206A	02	GX2070	01	2	TQ2	D3		23B				
11598		XA448	44										GND	01	GROUND			TQ2			21B				
12233		XA448	45		XA443	54			16B	9			GX2070	01	GX2070	00	1	TQ2	D3		24B				
12461		XA448	46		XA440	48			16B	9			GY2060	01	GY2060	00	1	TQ2	D2		21A				
17148		XA448	47		XA448	48			16B	9			SPA098	09	GY2070	01	1	TQ2	D4		25B				
17149		XA448	48		XA448	53			16B	9			SPA098	10	GY2060	01	2	TQ2	D2		22A				
12459		XA448	49		XA448	50			16B	9			GY206A	06	GY2070	01	2	TQ2	D4		26B				
12460		XA448	50						16B	9			GY206A	07	GY2060	01	1	TQ2	D2		23A				
12465		XA448	51		XA443	48			16B	9			GY2070	01	GY2070	00	1	TQ2	D4		27B				
12229		XA448	52		XA440	54			16B	9			GX2060	01	GX2060	00	1	TQ2	D1		24A				
17150		XA448	53						16B	9			SPA098	11	GX2090	01	1	TQ2	E3		28B				
12224		XA448	54		XA448	55			16B	9			GX206A	03	GX2060	01	2	TQ2	D1		25A				
12225		XA448	55		XA448	68			16B	9			GX206A	04	GX2090	01	2	TQ2	E3		29B				
17152		XA448	56		XA448	59			16B	9			SPA099	02	GX2060	01	1	TQ2	D1		26A				
12240		XA448	57		XA440	77			16B	9			GX2090	01	GX2090	00	1	TQ2	E3		30B				
11599		XA448	58										GND	01	GROUND			TQ2			27A				
17153		XA448	59		XA448	64			16B	9			SPA099	03	GY2090	01	1	TQ2	E4		31B				
12469		XA448	60		XA446	48			16B	9			GY2080	01	GY2080	00	1	TQ2	E2		28A				
12457		XA448	61		XA448	62			16B	9			GY206A	04	GY2090	01	2	TQ2	E4		32B				
12458		XA448	62		XA448	49			16B	9			GY206A	05	GY2080	01	2	TQ2	E2		29A				
12472		XA448	63		XA440	71			16B	9			GY2090	01	GY2090	00	1	TQ2	E4		33B				
17154		XA448	64		XA448	65			16B	9			SPA099	04	GY2080	01	1	TQ2	E2		30A				
17155		XA448	65		XA448	70			16B	9			SPA099	05	GX2110	01	1	TQ2	F3		34B				
12237		XA448	66		XA446	54			16B	9			GX2080	01	GX2080	00	1	TQ2	E1		31A				
11600		XA448	67										GND	01	GROUND			TQ2			40A				
12226		XA448	68		XA448	74			16B	9			GX206A	05	GX2080	01	2	TQ2	E1		32A				
12248		XA448	69		XA446	77			16B	9			GX2110	01	GX2110	00	1	TQ2	F3		35A				
17156		XA448	70		XA448	73			16B	9			SPA099	06	GX2080	01	1	TQ2	E1		33A				
12456		XA448	71		XA448	61			16B	9			GY206A	03	GY2100	01	2	TQ2	F2		36A				
12476		XA448	72		XA443	71			16B	9			GY2100	01	GY2100	00	1	TQ2	F2		34A				
17157		XA448	73		XA448	78			16B	9			SPA099	07	GY2100	01	1	TQ2	F2		36B				
12227		XA448	74		XA448	77			16B	9			GX206A	06	GX2110	01	2	TQ2	F3		35B				
12244		XA448	75		XA443	77			16B	9			GX2100	01	GX2100	00	1	TQ2	F1		37B				
12455		XA448	76		XA448	71			16B	9			GY206A	02	GY2110	01	1	TQ2	F4		37A				
12228		XA448	77						16B	9			GX206A	07	GX2100	01	2	TQ2	F1		38B				
17158		XA448	78		XA448	79			16B	9			SPA099	08	GY2110	01	2	TQ2	F4		38A				
17159		XA448	79		XA449	03			16B	9			SPA099	09	GX2100	01	1	TQ2	F1		39B				
12480		XA448	80		XA446	71			16B	9			GY2110	01	GY2110	00	1	TQ2	F4		39A				

DRAWING NUMBER 149012-880 CONNECTOR UNIT ASSEMBLY NO. 149012 REV E INDEX XA449
 UNIT ASSEMBLY NAME CARD CAGE ASSY,CPU L.H. FILE IDENT T39B2CP1 DATE 09-03-82 PAGE 348

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											
12490		XA449	01			XA440	01						GY3000	01	GY3000	00	1	TQ2	A2		02B		
11601		XA449	02										GND	01	GROUND	00	1	TQ2				01A	
17160		XA449	03			XA449	05			16B	9		SPA099	10	GX3010	01	1	TQ2	A3		02A		
12484		XA449	04			XA449	13			16B	9		GY300A	02	GY3000	01	1	TQ2	A2		04A		
17161		XA449	05							16B	9		SPA099	11	GY3000	01	2	TQ2	A2		03B		
12258		XA449	06			XA440	10			16B	9		GX3000	01	GX3000	00	1	TQ2	A1		05A		
12257		XA449	07							16B	9		GX300A	07	GX3010	01	2	TQ2	A3		03A		
12256		XA449	08			XA449	07			16B	9		GX300A	06	GX3000	01	2	TQ2	A1		06A		
12262		XA449	09			XA443	10			16B	9		GX3010	01	GX3010	00	1	TQ2	A3		04B		
17171		XA449	10			XA449	11			16B	9		SPA100	02	GX3000	01	1	TQ2	A1		07A		
17172		XA449	11			XA449	17			16B	9		SPA100	03	GY3010	01	1	TQ2	A4		05B		
00616		XA449	12										+5V	01				TQ2					
12485		XA449	13			XA449	18			16B	9		GY300A	03	GY3010	01	2	TQ2	A4		06B		
12498		XA449	14			XA446	01			16B	9		GY3020	01	GY3020	00	1	TQ2	B2		09A		
12494		XA449	15			XA443	01			16B	9		GY3010	01	GY3010	00	1	TQ2	A4		07B		
11602		XA449	16										GND	01	GRGUND			TQ2				01B	
17173		XA449	17			XA449	20			16B	9		SPA100	04	GX3030	01	1	TQ2	B3		08B		
12486		XA449	18			XA449	25			16B	9		GY300A	04	GY3020	01	2	TQ2	B2		10A		
12255		XA449	19			XA449	08			16B	9		GX300A	05	GX3030	01	2	TQ2	B3		09B		
17174		XA449	20			XA449	23			16B	9		SPA100	05	GY3020	01	1	TQ2	B2		11A		
12269		XA449	21			XA440	42			16B	9		GX3030	01	GX3030	00	1	TQ2	B3		10B		
12266		XA449	22			XA446	10			16B	9		GX3020	01	GX3020	00	1	TQ2	B1		12A		
17175		XA449	23			XA449	26			16B	9		SPA100	06	GY3030	01	1	TQ2	B4		11B		
12254		XA449	24			XA449	19			16B	9		GX300A	04	GX3020	01	2	TQ2	B1		13A		
12487		XA449	25			XA449	34			16B	9		GY300A	05	GY3030	01	2	TQ2	B4		12B		
17176		XA449	26			XA449	29			16B	9		SPA100	07	GX3020	01	1	TQ2	B1		14A		
12501		XA449	27			XA440	30			16B	9		GY3030	01	GY3030	03	1	TQ2	B4		13B		
00617		XA449	28										+5V	01				TQ2					
17177		XA449	29			XA449	36			16B	9		SPA100	08	GX3050	01	1	TQ2	C3		14B		
12505		XA449	30			XA443	30			16B	9		GY3040	01	GY3040	00	1	TQ2	C2		15A		
12253		XA449	31			XA449	24			16B	9		GX300A	03	GX3050	01	2	TQ2	C3		15B		
11603		XA449	32										GND	01	GROUND			TQ2				20B	
12277		XA449	33			XA446	42			16B	9		GX3050	01	GX3050	00	1	TQ2	C3		16B		
12488		XA449	34			XA449	35			16B	9		GY300A	06	GY3040	01	2	TQ2	C2		16A		
12489		XA449	35							16B	9		GY300A	07	GY3050	01	1	TQ2	C4		17B		
17178		XA449	36			XA449	37			16B	9		SPA100	09	GY3040	01	1	TQ2	C2		17A		
17179		XA449	37			XA449	41			16B	9		SPA100	10	GY3050	01	2	TQ2	C4		18B		
12273		XA449	38			XA443	42			16B	9		GX3040	01	GX3040	00	1	TQ2	C1		18A		
12509		XA449	39			XA446	30			16B	9		GY3050	01	GY3050	00	1	TQ2	C4		19B		
12252		XA449	40			XA449	31			16B	9		GX300A	02	GX3040	01	2	TQ2	C1		19A		
17180		XA449	41							16B	9		SPA100	11	GX3070	01	1	TQ2	D3		22B		
17182		XA449	42			XA449	47			16B	9		SPA101	02	GX3040	01	1	TQ2	C1		20A		
12286		XA449	43							16B	9		GX306A	07	GX3070	01	2	TQ2	D3		23B		
11604		XA449	44										GND	01	GROUND			TQ2				21B	
12291		XA449	45			XA443	56			16B	9		GX3070	01	GX3070	00	1	TQ2	D3		24B		
12519		XA449	46			XA440	46			16B	9		GY3060	01	GY3060	00	1	TQ2	D2		21A		
17183		XA449	47			XA449	48			16B	9		SPA101	03	GY3070	01	1	TQ2	D4		25B		
17184		XA449	48			XA449	53			16B	9		SPA101	04	GY3060	01	2	TQ2	D2		22A		
12517		XA449	49			XA449	50			16B	9		GY306A	06	GY3070	01	2	TQ2	D4		26B		
12518		XA449	50							16B	9		GY306A	07	GY3060	01	1	TQ2	D2		23A		
CONNECTOR (XA449) CONTINUED ON THE NEXT PAGE ****																							

DRAWING NUMBER 149012-880 CONNECTOR UNIT ASSEMBLY NO. 149012 REV E INDEX XA449
 UNIT ASSEMBLY NAME CARD CAGE ASSY,CPU L.H. FILE IDENT T39B2CP1 DATE 09-03-82 PAGE 349

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	SH 10	PREFIX	CONNECTOR	PIN	SH 10	MULTI GROUP	CODE	COLOR	IDENT										
12523		XA449	51		XA443	46			16B	9			GY3070	01	GY3070	00	1	TQ2	D4		27B	
12287		XA449	52		XA440	56			16B	9			GX3060	01	GX3060	00	1	TQ2	D1		24A	
17185		XA449	53		XA449	56			16B	9			SPA101	05	GX3090	01	1	TQ2	E3		28B	
12285		XA449	54		XA449	43			16B	9			GX306A	06	GX3060	01	2	TQ2	D1		25A	
12284		XA449	55		XA449	54			16B	9			GX306A	05	GX3090	01	2	TQ2	E3		29B	
17186		XA449	56		XA449	59			16B	9			SPA101	06	GX3060	01	1	TQ2	D1		26A	
12298		XA449	57		XA440	79			16B	9			GX3090	01	GX3090	00	1	TQ2	E3		30B	
11605		XA449	58										GND	01	GROUND			TQ2			27A	
17187		XA449	59		XA449	64			16B	9			SPA101	07	GY3090	01	1	TQ2	E4		31B	
12527		XA449	60		XA446	46			16B	9			GY3080	01	GY3080	00	1	TQ2	E2		28A	
12515		XA449	61		XA449	62			16B	9			GY306A	04	GY3090	01	2	TQ2	E4		32B	
12516		XA449	62		XA449	49			16B	9			GY306A	05	GY3080	01	2	TQ2	E2		29A	
12530		XA449	63		XA440	72			16B	9			GY3090	01	GY3090	00	1	TQ2	E4		33B	
17188		XA449	64		XA449	65			16B	9			SPA101	08	GY3080	01	1	TQ2	E2		30A	
17189		XA449	65		XA449	70			16B	9			SPA101	09	GX3110	01	1	TQ2	F3		34B	
12295		XA449	66		XA446	56			16B	9			GX3080	01	GX3080	00	1	TQ2	E1		31A	
11606		XA449	67										SND	01	GROUND			TQ2			40A	
12283		XA449	68		XA449	55			16B	9			GX306A	04	GX3080	01	2	TQ2	E1		32A	
12306		XA449	69		XA446	79			16B	9			GX3110	01	GX3110	00	1	TQ2	F3		35A	
17190		XA449	70		XA449	73			16B	9			SPA101	10	GX3080	01	1	TQ2	E1		33A	
12514		XA449	71		XA449	61			16B	9			GY306A	03	GY3100	01	2	TQ2	F2		36A	
12534		XA449	72		XA443	72			16B	9			GY3100	01	GY3100	00	1	TQ2	F2		34A	
17191		XA449	73						16B	9			SPA101	11	GY3100	01	1	TQ2	F2		36B	
12282		XA449	74		XA449	68			16B	9			GX306A	05	GX3110	01	2	TQ2	F3		35B	
12302		XA449	75		XA443	79			16B	9			GX3100	01	GX3100	00	1	TQ2	F1		37B	
12513		XA449	76		XA449	71			16B	9			GY306A	02	GY3110	01	1	TQ2	F4		37A	
12281		XA449	77		XA449	74			16B	9			GX306A	02	GX3100	01	2	TQ2	F1		38B	
17193		XA449	78		XA449	79			16B	9			SPA102	02	GY3110	01	2	TQ2	F4		38A	
17194		XA449	79		XA450	03			16B	9			SPA102	03	GX3100	01	1	TQ2	F1		39B	
12538		XA449	80		XA446	72			16B	9			GY3110	01	GY3110	00	1	TQ2	F4		39A	
12548		XA450	01		XA440	03			16B	9			GY4000	01	GY4000	00	1	TQ2	A2		02B	
11607		XA450	02										GND	01	GROUND			TQ2			01A	
17195		XA450	03		XA450	05			16B	9			SPA102	04	GX4010	01	1	TQ2	A3		02A	
12547		XA450	04						16B	9			GY400A	07	GY4000	01	1	TQ2	A2		04A	
17196		XA450	05		XA450	10			16B	9			SPA102	05	GY4000	01	2	TQ2	A2		03B	
12316		XA450	06		XA440	15			16B	9			GX4000	01	GX4000	00	1	TQ2	A1		05A	
12315		XA450	07						16B	9			GX400A	07	GX4010	01	2	TQ2	A3		03A	
12314		XA450	08		XA450	07			16B	9			GX400A	06	GX4000	01	2	TQ2	A1		06A	
12320		XA450	09		XA443	15			16B	9			GX4010	01	GX4010	00	1	TQ2	A3		04B	
17197		XA450	10		XA450	11			16B	9			SPA102	06	GX4000	01	1	TQ2	A1		07A	
17198		XA450	11		XA450	18			16B	9			SPA102	07	GY4010	01	1	TQ2	A4		05B	
00618		XA450	12										+5V	01				TQ2				
12546		XA450	13		XA450	04			16B	9			GY400A	06	GY4010	01	2	TQ2	A4		06B	
12556		XA450	14		XA446	03			16B	9			GY4020	01	GY4020	00	1	TQ2	B2		09A	
12552		XA450	15		XA443	03			16B	9			GY4010	01	GY4010	00	1	TQ2	A4		07B	
11608		XA450	16										GND	01	GROUND			TQ2			01B	
12313		XA450	17		XA450	08			16B	9			GX400A	05	GX4030	01	1	TQ2	B3		08B	
17199		XA450	18		XA450	19			16B	9			SPA102	08	GY4020	01	2	TQ2	B2		10A	
CONNECTOR (XA450) CONTINUED ON THE NEXT PAGE ****																						

DRAWING NUMBER 149012-880 CONNECTOR UNIT ASSEMBLY NO. 149012 REV E INDEX XA450
 UNIT ASSEMBLY NAME CARD CAGE ASSY,CPU L.H. FILE IDENT T39B2CP1 DATE 09-03-82 PAGE 350

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/F	PREFIX	CONNECTOR	PIN	SM/F	MULTI GROUP	CODE	COLOR	IDENT											
17200		XA450	19			XA450	25			16B	9		SPA102	09	GX4030	01	2	TQ2	B3		09B		
12544		XA450	20			XA450	23			16B	9		GY400A	04	GY4020	01	1	TQ2	B2		11A		
12327		XA450	21			XA440	39			16B	9		GX4030	01	GX4030	00	1	TQ2	B3		10B		
12324		XA450	22			XA446	15			16B	9		GX4020	01	GX4020	00	1	TQ2	B1		12A		
12545		XA450	23			XA450	13			16B	9		GY400A	05	GY4030	01	1	TQ2	B4		11B		
12311		XA450	24			XA451	21			16B	9		GX400A	03	GX4020	01	2	TQ2	B1		13A		
17201		XA450	25			XA450	26			16B	9		SPA102	10	GY4030	01	2	TQ2	B4		12B		
17202		XA450	26			XA450	26			16B	9		SPA102	11	GX4020	01	1	TQ2	B1		14A		
12559		XA450	27			XA440	29			16B	9		GY4030	01	GY4030	00	1	TQ2	B4		13B		
00619		XA450	28										+5V	01				TQ2					
17204		XA450	29			XA450	36			16B	9		SPA103	02	GX4050	01	1	TQ2	C3		14B		
12563		XA450	30			XA443	29			16B	9		GY4040	01	GY4040	00	1	TQ2	C2		15A		
12310		XA450	31			XA450	24			16B	9		GX400A	02	GX4050	01	2	TQ2	C3		15B		
11609		XA450	32										GND	01	GFOUND			TQ2			20B		
12335		XA450	33			XA446	39			16B	9		GX4050	01	GX4050	00	1	TQ2	C3		16B		
12542		XA450	34			XA451	27			16B	9		GY400A	02	GY4040	01	2	TQ2	C2		16A		
12541		XA450	35			XA450	34			16B	9		GY400A	01	GY4050	01	1	TQ2	C4		17B		
17205		XA450	36			XA450	37			16B	9		SPA103	03	GY4040	01	1	TQ2	C2		17A		
17206		XA450	37			XA450	41			16B	9		SPA103	04	GY4050	01	2	TQ2	C4		18B		
12331		XA450	38			XA443	39			16B	9		GX4040	01	GX4040	00	1	TQ2	C1		18A		
12567		XA450	39			XA446	29			16B	9		GY4050	01	GY4050	00	1	TQ2	C4		19B		
12309		XA450	40			XA450	31			16B	9		GX400A	01	GX4040	01	2	TQ2	C1		19A		
17207		XA450	41			XA450	42			16B	9		SPA103	05	GX4070	01	1	TQ2	D3		22B		
17208		XA450	42			XA450	47			16B	9		SPA103	06	GX4040	01	1	TQ2	C1		20A		
12344		XA450	43							16B	9		GX406A	07	GX4070	01	2	TQ2	D3		23B		
11610		XA450	44										GND	01	GFOUND			TQ2			21B		
12349		XA450	45			XA443	51			16B	9		GX4070	01	GX4070	00	1	TQ2	D3		24B		
12577		XA450	46			XA440	41			16B	9		GY4060	01	GY4060	00	1	TQ2	D2		21A		
17209		XA450	47			XA450	48			16B	9		SPA103	07	GY4070	01	1	TQ2	D4		25B		
17210		XA450	48			XA450	53			16B	9		SPA103	08	GY4060	01	2	TQ2	D2		22A		
12575		XA450	49			XA450	50			16B	9		GY406A	06	GY4070	01	2	TQ2	D4		26B		
12576		XA450	50							16B	9		GY406A	07	GY4060	01	1	TQ2	D2		23A		
12581		XA450	51			XA443	41			16B	9		GY4070	01	GY4070	00	1	TQ2	D4		27B		
12345		XA450	52			XA440	51			16B	9		GX4060	01	GX4060	00	1	TQ2	D1		24A		
17211		XA450	53			XA450	56			16B	9		SPA103	09	GX4090	01	1	TQ2	E3		28B		
12343		XA450	54			XA450	43			16B	9		GX406A	06	GX4060	01	2	TQ2	D1		25A		
12342		XA450	55			XA450	54			16B	9		GX406A	05	GX4090	01	2	TQ2	E3		29B		
17212		XA450	56			XA450	59			16B	9		SPA103	10	GX4060	01	1	TQ2	D1		26A		
12356		XA450	57			XA440	80			16B	9		GX4090	01	GX4090	00	1	TQ2	E3		30B		
11611		XA450	58										GND	01	GFOUND			TQ2			27A		
17213		XA450	59							16B	9		SPA103	11	GY4090	01	1	TQ2	E4		31B		
12585		XA450	60			XA446	41			16B	9		GY4080	01	GY4080	00	1	TQ2	E2		28A		
12573		XA450	61			XA450	62			16B	9		GY406A	04	GY4090	01	2	TQ2	E4		32B		
12574		XA450	62			XA450	49			16B	9		GY406A	05	GY4080	01	2	TQ2	E2		29A		
12588		XA450	63			XA440	65			16B	9		GY4090	01	GY4090	00	1	TQ2	E4		33B		
17217		XA450	64			XA450	68			16B	9		SPA104	04	GY4080	01	1	TQ2	E2		30A		
12341		XA450	65			XA450	55			16B	9		GX406A	04	GX4110	01	1	TQ2	F3		34B		
12353		XA450	66			XA446	51			16B	9		GX4080	01	GX4080	00	1	TQ2	F1		31A		
11612		XA450	67										GND	01	GFOUND			TQ2			40A		
17218		XA450	68			XA450	71			16B	9		SPA104	05	GX4080	01	2	TQ2	E1		32A		
	CONNECTOR	XA450			CONTINUED ON																		
					THE NEXT PAGE																		

DRAWING NUMBER 149012-880 CONNECTOR UNIT ASSEMBLY NO. 149012 REV E INDEX XA450
 UNIT ASSEMBLY NAME CARD CAGE ASSY,CPU L.H. FILE IDENT T39B2CP1 DATE 09-03-82 PAGE 351

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 FC	PREFIX	CONNECTOR	PIN	SN FC	MULTI GROUP	CODE	COLOR	IDENT											
12364		XA450	69			XA446	80			16B	9		GX4110	01	GX4110	00	1	TQ2	F3		35A		
12340		XA450	70			XA450	65			16B	9		GX406A	03	GX4080	01	1	TQ2	E1		33A		
17219		XA450	71			XA450	74			16B	9		SPA104	06	GY4100	01	2	TQ2	F2		36A		
12592		XA450	72			XA443	65			16B	9		GY4100	01	GY4100	00	1	TQ2	F2		34A		
12571		XA450	73			XA450	76			16B	9		GY406A	02	GY4100	01	1	TQ2	F2		36B		
17220		XA450	74			XA450	78			16B	9		SPA104	07	GX4110	01	2	TQ2	F3		35B		
12360		XA450	75			XA443	80			16B	9		GX4100	01	GX4100	00	1	TQ2	F1		37B		
12572		XA450	76			XA450	61			16B	9		GY406A	03	GY4110	01	1	TQ2	F4		37A		
12338		XA450	77			XA451	69			16B	9		GX406A	01	GX4100	01	2	TQ2	F1		38B		
17221		XA450	78			XA450	79			16B	9		SPA104	08	GY4110	01	2	TQ2	F4		38A		
17222		XA450	79			XA451	29			16B	9		SPA104	09	GX4100	01	1	TQ2	F1		39B		
12596		XA450	80			XA446	65			16B	9		GY4110	01	GY4110	00	1	TQ2	F4		39A		
12367		XA451	01			XA447	04			16B	9		GY100A	01	GY100A	00	1	TQ2	A2		02B		
11613		XA451	02										GND	01	GROUND			TQ2			01A		
06298		XA451	03							16B	9		CMG6P0	06	GX200A	01	1	TQ2	A3		02A	B05	
06283		XA451	04							16B	9		CMG5P0	06	GY100A	01	1	TQ2	A2		04A	B05	
06268		XA451	05							16B	9		CMG4P0	06	GY100A	01	2	TQ2	A2		03B	B05	
12135		XA451	06			XA447	07			16B	9		GX100A	01	GX100A	00	1	TQ2	A1		05A		
06318		XA451	07							16B	9		CMG7Q0	05	GX200A	01	2	TQ2	A3		03A	B05	
06297		XA451	08			XA451	03			16B	9		CMG6P0	05	GX100A	01	2	TQ2	A1		06A	B05	
12193		XA451	09			XA448	07			16B	9		GX200A	01	GX200A	00	1	TQ2	A3		04B		
06313		XA451	10							16B	9		CMG7P0	06	GX100A	01	1	TQ2	A1		07A	B05	
06267		XA451	11			XA451	05			16B	9		CMG4P0	05	GY200A	01	1	TQ2	A4		05B	B05	
00620		XA451	12										+5V	01				TQ2					
06288		XA451	13							16B	9		CMG5Q0	05	GY200A	01	2	TQ2	A4		06B	B05	
12483		XA451	14			XA449	04			16B	9		GY300A	01	GY300A	00	1	TQ2	B2		09A		
12425		XA451	15			XA448	04			16B	9		GY200A	01	GY200A	00	1	TQ2	A4		07B		
10464		XA451	16										GND		GROUND			TQ2			01B		
06317		XA451	17			XA451	07			16B	9		CMG7Q0	04	GX400A	01	1	TQ2	B3		08B	B05	
06273		XA451	18							16B	9		CMG4Q0	05	GY300A	01	2	TQ2	B2		10A	B05	
06303		XA451	19							16B	9		CMG6Q0	05	GX400A	01	2	TQ2	B3		09B	B05	
06282		XA451	20			XA451	04			16B	9		CMG5P0	05	GY300A	01	1	TQ2	B2		11A	B05	
12312		XA451	21			XA450	17			16B	9		GX400A	04	GX400A	00	1	TQ2	B3		10B		
12251		XA451	22			XA449	40			16B	9		GX300A	01	GX300A	00	1	TQ2	B1		12A		
06287		XA451	23			XA451	13			16B	9		CMG5Q0	04	GY400A	01	1	TQ2	B4		11B	B05	
06302		XA451	24			XA451	19			16B	9		CMG6Q0	04	GX300A	01	2	TQ2	B1		13A	B05	
06272		XA451	25			XA451	18			16B	9		CMG4Q0	04	GY400A	01	2	TQ2	B4		12B	B05	
06312		XA451	26			XA451	10			16B	9		CMG7P0	05	GX300A	01	1	TQ2	B1		14A	B05	
12543		XA451	27			XA450	20			16B	9		GY400A	03	GY400A	00	1	TQ2	B4		13B		
00621		XA451	28										+5V	01				TQ2					
17223		XA451	29							16B	9		SPA104	10	GC0060	01	1	TQ2	C3		14B		
10444		XA451	30			XA318	77			16B	9		GC0050	01	GC0050	00	1	TQ2	C2		15A		
10428		XA451	31							16B	9		GC002A	03	GC0060	01	2	TQ2	C3		15B		
17169		XA451	32										GND		GROUND			TQ2			20B		
10455		XA451	33			XA328	24			16B	9		GC0060	01	GC0060	00	1	TQ2	C3		16B		
17226		XA451	34			XA451	35			16B	9		SPA105	03	GC0050	01	2	TQ2	C2		16A		
17227		XA451	35			XA451	41			16B	9		SPA105	04	GC0070	01	1	TQ2	C4		17B		
10422		XA451	36							16B	9		GC000A	05	GC0050	01	1	TQ2	C2		17A		
CONNECTOR (XA451) CONTINUED ON THE NEXT PAGE ****																							

DRAWING NUMBER 149012-880 CONNECTOR UNIT ASSEMBLY NO. 149012 REV E INDEX XA451
 UNIT ASSEMBLY NAME CARD CAGE ASSY,CPU L.H. FILE IDENT T39B2CP1 DATE 09-03-82 PAGE 352

RECORD NUMBER	FROM			TO			WIRE				SIGNAL	SEQ NO	EQUATION	TERM	FACTOR	CKT OR CHIP TYPE	GROUP	LOAD OR POWER PLANE	TEST POINTS ANG OR	SIGNAL DESCRIPTION	ECO NO
	PREFIX	CONNECTOR	PIN	PREFIX	CONNECTOR	PIN	INS	MULTI GROUP	CODE	COLOR											
10421	XA451	37		XA451	36			16B	9		GC000A	04	GC0070	01	2	TQ2	C4		18B		
10433	XA451	38		XA328	54			16B	9		GC0040	01	GC0340	00	1	TQ2	C1		18A		
10466	XA451	39		XA328	79			16B	9		GC0070	01	GC0070	00	1	TQ2	C4		19B		
10427	XA451	40		XA451	31			16B	9		GC002A	02	GC0040	01	2	TQ2	C1		19A		
17228	XA451	41		XA451	42			16B	9		SPA105	05	GC0120	01	1	TQ2	D3		22B		
17229	XA451	42		XA451	47			16B	9		SPA105	06	GC0040	01	1	TQ2	C1		20A		
10512	XA451	43						16B	9		GC012A	02	GC0120	01	2	TQ2	D3		23B		
22723	XA451	44									GND		GROUND			TQ2			21B		
10516	XA451	45		XA549	09			16B	9		GC0120	02	GC0120	00	1	TQ2	D3		24B		
10509	XA451	46		XA549	01			16B	9		GC0110	02	GC0110	00	1	TQ2	D2		21A		
17230	XA451	47		XA451	48			16B	9		SPA105	07	GC0130	01	1	TQ2	D4		25B		
17231	XA451	48		XA451	54			16B	9		SPA105	08	GC0110	01	2	TQ2	D2		22A		
10519	XA451	49						16B	9		GC013A	02	GC0130	01	2	TQ2	D4		26B		
10505	XA451	50						16B	9		GC011A	02	GC0110	01	1	TQ2	D2		23A		
10523	XA451	51		XA549	22			16B	9		GC0130	02	GC0130	00	1	TQ2	D4		27B		
10502	XA451	52		XA549	06			16B	9		GC0100	02	GC0100	00	1	TQ2	D1		24A		
06316	XA451	53		XA451	17			16B	9		CMG700	03	GX206A	01	1	TQ2	E3		28B	B05	
17232	XA451	54						16B	9		SPA105	09	GC0100	01	2	TQ2	D1		25A		
06296	XA451	55		XA451	08			16B	9		CMG6P0	04	GX206A	01	2	TQ2	E3		29B	B05	
10498	XA451	56						16B	9		GC010A	02	GC0100	01	1	TQ2	D1		26A		
12222	XA451	57		XA448	43			16B	9		GX206A	01	GX206A	00	1	TQ2	E3		30B		
11614	XA451	58									GND	01	GROUND			TQ2			27A		
06286	XA451	59		XA451	23			16B	9		CMG5Q0	03	GY206A	01	1	TQ2	E4		31B	B05	
12396	XA451	60		XA447	50			16B	9		GY106A	01	GY106A	00	1	TQ2	E2		28A		
06265	XA451	61		XA451	62			16B	9		CMG4P0	03	GY206A	01	2	TQ2	E4		32B	B05	
06266	XA451	62		XA451	11			16B	9		CMG4P0	04	GY106A	01	2	TQ2	E2		29A	B05	
12454	XA451	63		XA448	76			16B	9		GY206A	01	GY206A	00	1	TQ2	E4		33B		
06281	XA451	64		XA451	20			16B	9		CMG5P0	04	GY106A	01	1	TQ2	E2		30A	B05	
06315	XA451	65		XA451	53			16B	9		CMG700	02	GX406A	01	1	TQ2	F3		34B	B05	
12164	XA451	66		XA447	77			16B	9		GX106A	01	GX106A	00	1	TQ2	E1		31A		
11615	XA451	67									GND	01	GROUND			TQ2			40A		
06295	XA451	68		XA451	55			16B	9		CMG6P0	03	GX106A	01	2	TQ2	E1		32A	B05	
12339	XA451	69		XA450	70			16B	9		GX406A	02	GX406A	00	1	TQ2	F3		35A		
06311	XA451	70		XA451	26			16B	9		CMG7P0	04	GX106A	01	1	TQ2	E1		33A	B05	
06271	XA451	71		XA451	25			16B	9		CMG4Q0	03	GY306A	01	2	TQ2	F2		36A	B05	
12512	XA451	72		XA449	76			16B	9		GY306A	01	GY306A	00	1	TQ2	F2		34A		
06280	XA451	73		XA451	64			16B	9		CMG5P0	03	GY306A	01	1	TQ2	F2		36B	B05	
06301	XA451	74		XA451	24			16B	9		CMG6Q0	03	GX406A	01	2	TQ2	F3		35B	B05	
12280	XA451	75		XA449	77			16B	9		GX306A	01	GX306A	00	1	TQ2	F1		37B		
06285	XA451	76		XA451	59			16B	9		CMG5Q0	02	GY406A	01	1	TQ2	F4		37A	B05	
06300	XA451	77		XA451	74			16B	9		CMG6Q0	02	GX306A	01	2	TQ2	F1		38B	B05	
06270	XA451	78		XA451	71			16B	9		CMG4Q0	02	GY406A	01	2	TQ2	F4		38A	B05	
06310	XA451	79		XA451	70			16B	9		CMG7P0	03	GX306A	01	1	TQ2	F1		39B	B05	
12570	XA451	80		XA450	73			16B	9		GY406A	01	GY406A	00	1	TQ2	F4		39A		
21654	XA501	01		XA531	22			16B	9		CQM07A	01				EXT				TD BAY 2	
23178	XA501	02						16B	9		GND019	07				EXT					
23427	XA501	02									GND					EXT				A01	
21661	XA501	03		XA531	62			16B	9		CQM080	01				FXT					
CONNECTOR	XA501	CONTINUED ON THE NEXT PAGE ****																			

DRAWING NUMBER 149012-880 CONNECTOR UNIT ASSEMBLY NO. 149012 REV E INDEX XA501
 UNIT ASSEMBLY NAME CARD CAGE ASSY,CPU L.H. FILE IDENT T39B2CP1 DATE 09-03-82 PAGE 353

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									AND	OR		
23031		XA501	04										GND	01				EXT						
21658		XA501	05		XA536	25				16B	9		CQM08A	01				EXT						
23032		XA501	06										GND	01				EXT						
21664		XA501	07		XA529	42				16B	9		CQM070	01				EXT						
23033		XA501	08										GND	01				EXT						
21666		XA501	09		XA532	30		12		16B	9		CT16MA	01				EXT						
22849		XA501	10		XA532	32		12		16B	0		CT16MG	01				EXT						
21674		XA501	11		XA533	10				16B	9		CT16BQ	01				EXT						
23034		XA501	12										GND	01				FXT						
21673		XA501	13										SPP	01				EXT						
23035		XA501	14										GND	01				EXT						
21671		XA501	15		XA411	62				16B	9		CMN090	01				EXT						
23185		XA501	16							16B	9		GND020	07				EXT						
23437		XA501	16										GND					EXT					A01	
21579		XA501	17		XA411	77				16B	9		CMN190	01				EXT						
23036		XA501	18										GND	01				EXT						
21581		XA501	19		XA411	71				16B	9		CMN290	01				EXT						
23037		XA501	20										GND	01				EXT						
21583		XA501	21		XA528	45				16B	9		MMAPC0	01				EXT						
23038		XA501	22										GND	01				EXT						
21979		XA501	23							16B	9		MC122A	02				EXT					C06	
23039		XA501	24										GND	01				EXT						
21976		XA501	25		XA528	57				16B	9		MMAQR0	01				EXT						
23040		XA501	26										GND	01				EXT						
21983		XA501	27		XA528	53				16B	9		MMAQRA	01				FXT						
23041		XA501	28										GND	01				EXT						
21980		XA501	29		XA528	60				16B	9		MMAQT0	01				EXT						
23042		XA501	30										GND	01				EXT						
21987		XA501	31		XA528	62				16B	9		MMAQTA	01				EXT					C06	
23192		XA501	32							16B	9		GND021	07				EXT						
23438		XA501	32										GND					EXT					A01	
21984		XA501	33		XA521	72				16B	9		MMA SPO	01				EXT						
23043		XA501	34										GND	01				EXT						
21991		XA501	35							16B	9		MMA SPA	07				EXT						
23044		XA501	36										GND	01				EXT						
21988		XA501	37		XA531	25				16B	9		CQM050	01				EXT						
23045		XA501	38										GND	01				EXT						
21995		XA501	39		XA531	24				16B	9		CQM05A	01				EXT						
23046		XA501	40										GND	01				EXT						
21993		XA501	41		XA531	45				16B	9		MMT0T0	01				EXT						
23047		XA501	42										GND	01				EXT						
21998		XA501	43		XA451	52				16B	9		GCO100	01				EXT						
23048		XA501	44										GND	01				EXT						
21749		XA501	45		XA451	46				16B	9		GCO110	01				EXT						
23049		XA501	46										GND	01				EXT						
21751		XA501	47		XA451	45				16B	9		GCO120	01				EXT						
23050		XA501	48										GND	01				EXT						
21753		XA501	49		XA451	51				16B	9		GCO130	01				EXT						
23051		XA501	50										GND	01				EXT						
21755		XA501	51		XA549	55				16B	9		GCO140	01				EXT					TO BAY 2	
CONNECTOR (XA501) CONTINUED ON THE NEXT PAGE ****																								

DRAWING NUMBER 149012-880 CONNECTOR UNIT ASSEMBLY NO. 149012 REV E INDEX XA501
 UNIT ASSEMBLY NAME CARD CAGE ASSY,CPU L.H. FILE IDENT T39B2CP1 DATE 09-03-82 PAGE 354

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											
23052	XA501	52											GND	01				EXT					
21757	XA501	53			XA549	63			16B	9			GC0350	01				EXT					
23053	XA501	54											GND	01				EXT					
21759	XA501	55			XA549	73			16B	9			GC0360	01				EXT					
23054	XA501	56											GND	01				EXT					
21761	XA501	57			XA549	74			16B	9			GC0370	01				EXT					
23201	XA501	58							16B	9			GND022	09				EXT					
23439	XA501	58											GND					EXT				A01	
21763	XA501	59			XA549	80			16B	9			GC0380	01				EXT					
23055	XA501	60											GND	01				EXT					
21765	XA501	61											SPP	01				EXT					
23056	XA501	62											GND	01				EXT					
21905	XA501	63			XA533	20			16B	9			J4RESB	01				EXT					
23057	XA501	64											GND	01				EXT					
21861	XA501	65											URECVB	09				EXT					
23058	XA501	66											GND	01				EXT					
22489	XA501	67											SPP	01				EXT					
23208	XA501	68			XA502	78			16B	9			GND023	07				EXT					
23440	XA501	68											GND					EXT				A01	
21662	XA501	69											SPP	01				EXT					
23059	XA501	70											GND	01				EXT					
22279	XA501	71			XA531	26			16B	9			CQM04A	01				EXT					
22280	XA501	72											GND					EXT					
22281	XA501	73			XA543	03		11	1EB	9			CTGMCB	01				EXT					
22282	XA501	74			XA543	02		11	1EB	0			CTGMCC	01				EXT					
22283	XA501	75			XA543	05		14	1EB	9			CTGMJB	01				EXT					
22284	XA501	76			XA543	02		14	1EB	0			CTGMUG	01				EXT					
22285	XA501	77			XA535	08			16B	9			CQM03A	01				EXT					
22286	XA501	78											GND					EXT					
22287	XA501	79			XA534	07			16B	9			CQM030	01				EXT					
22288	XA501	80											GND					EXT					
22033	XA502	01			XA535	03			16B	9			PLPRVA	01				EXT				TO BAY 2	
23177	XA502	02			XA501	02			16B	9			GND019	06				EXT					
22048	XA502	03			XA531	06			16B	9			PL09BQ	01				EXT					
23176	XA502	04			XA502	02			16B	9			GND019	05				EXT					
22046	XA502	05			XA516	55			16B	9			PL07BQ	01				EXT					
23175	XA502	06			XA502	04			16B	9			GND019	04				EXT					
22044	XA502	07			XA516	43			16B	9			PL06BQ	01				EXT					
23174	XA502	08			XA502	06			16B	9			GND019	03				EXT					
22042	XA502	09			XA516	31			16B	9			PL05BQ	01				EXT					
23173	XA502	10			XA502	08			16B	9			GND019	02				EXT					
22040	XA502	11			XA516	18			16B	9			PL04BQ	01				EXT					
23172	XA502	12			XA502	10			16B	9			GND019	01				EXT					
22038	XA502	13			XA516	38			16B	9			PL03BQ	01				EXT					
23184	XA502	14			XA501	16			16B	9			GND020	06				EXT					
22036	XA502	15			XA517	59			16B	9			PL02BQ	01				EXT					
23183	XA502	16			XA502	14			16B	9			GND020	05				EXT					
21549	XA502	17			XA551	71			16B	9			CMG390	01				EXT					
CONNECTOR (XA502) CONTINUED ON THE NEXT PAGE ****																							

DRAWING NUMBER 149012-880 CONNECTOR UNIT ASSEMBLY NO. 149012 REV E INDEX XA502
 UNIT ASSEMBLY NAME CARD CAGE ASSY, CPU L.H. FILE IDENT T39B2CP1 DATE 09-03-82 PAGE 355

RECORD NUMBER	PREFIX	CONNECTOR	PIN	ST. 10	PREFIX	CONNECTOR	PIN	WIRE				SFC IDENT	SIGNAL	SEQ NO	EQUATION	TERM	FACTOR	C/T OR CHIP TYPE	GROUP	LOAD OR POWER PLANE	TEST POINTS		SIGNAL DESCRIPTION	ECO NO		
								SH PG	MULTI GROUP	CODE	COLOR										IDENT	AND			OR	
23182		XA502	18			XA502	16				16B	9		GND020	04											
21547		XA502	19			XA551	77				16B	9		CMG290	01											
23181		XA502	20			XA502	18				16B	9		GND020	03											
21545		XA502	21			XA551	62				16B	9		CMG190	01											
23180		XA502	22			XA502	20				16B	9		GND020	02											
21543		XA502	23			XA551	68				16B	9		CMG090	01											
23179		XA502	24			XA502	22				16B	9		GND020	01											
21557		XA502	25			XA551	18				16B	9		CMG790	01											
23186		XA502	26			XA502	28				16B	9		GND021	01											
21555		XA502	27			XA551	24				16B	9		CMG690	01											
23187		XA502	28			XA502	30				16B	9		GND021	02											
21553		XA502	29			XA551	05				16B	9		CMG590	01											
23188		XA502	30			XA502	32				16B	9		GND021	03											
21551		XA502	31			XA551	08				16B	9		CMG490	01											
23189		XA502	32			XA502	34				16B	9		GND021	04											
21577		XA502	33			XA411	68				16B	9		CMM890	01											
23190		XA502	34			XA502	36				16B	9		GND021	05											
21575		XA502	35			XA411	48				16B	9		CMM790	01											
23191		XA502	36			XA501	32				16B	9		GND021	06											
21573		XA502	37			XA411	54				16B	9		CMM690	01											
23193		XA502	38			XA502	40				16B	9		GND022	01											
21571		XA502	39			XA411	34				16B	9		CMM590	01											
23194		XA502	40			XA502	42				16B	9		GND022	02											
21569		XA502	41			XA411	40				16B	9		CMM490	01											
23195		XA502	42			XA502	44				16B	9		GND022	03											
21567		XA502	43			XA411	18				16B	9		CMM390	01											
23196		XA502	44			XA502	46				16B	9		GND022	04											
21565		XA502	45			XA411	24				16B	9		CMM290	01											
23197		XA502	46			XA502	48				16B	9		GND022	05											
21563		XA502	47			XA411	05				16B	9		CMM190	01											
23198		XA502	48			XA502	50				16B	9		GND022	06											
21561		XA502	49			XA411	08				16B	9		CMM090	01											
23199		XA502	50			XA502	52				16B	9		GND022	07											
21975		XA502	51			XA528	46				16B	9		MMAGR0	01											
23200		XA502	52			XA501	58				16B	9		GND022	08											
21972		XA502	53			XA528	48				16B	9		MMAGRA	01											
23202		XA502	54			XA502	56				16B	9		GND023	01											
21559		XA502	55			XA411	11				16B	9		CMM0BP	01											
23203		XA502	56			XA502	58				16B	9		GND023	02											
21639		XA502	57			XA530	37				16B	9		CQM000	01											
23204		XA502	58			XA502	60				16B	9		GND023	03											
21641		XA502	59			XA512	78				16B	9		CQM010	01											
23205		XA502	60			XA502	62				16B	9		GND023	04											
21642		XA502	61			XA535	10				16B	9		CQM02A	01											
23206		XA502	62			XA502	66				16B	9		GND023	05											
21904		XA502	63			XA532	20			ZF	16B	9		MC0610	01											
23229		XA502	64			XA532	16			ZF	16B	0		MC061G	01											
21647		XA502	65											SPP	01											
23207		XA502	66			XA501	68				16B	9		GND023	06											
21644		XA502	67			XA535	43			ZL	16B	9		C1MWR0	01											
CONNECTOR XA502 CONTINUED ON THE NEXT PAGE ****																										

DRAWING NUMBER 149012-880 CONNECTOR UNIT ASSEMBLY NO. 149012 REV E INDEX XA502
 UNIT ASSEMBLY NAME CARD CAGE ASSY, CPU L.H. FILE IDENT T39B2CP1 DATE 09-03-82 PAGE 356

RECORD NUMBER	FROM			TO			WIRE				SIGNAL	SEC NO	EQUATION	TERM	FACTOR	GKT OR CHIP TYPE	LOAD OR POWER PLANE	TEST POINTS ANCH OR	SIGNAL DESCRIPTION	ECO NO
	PREFIX	CONNECTOR	PIN	PREFIX	CONNECTOR	PIN	SH FT	MULTI GROUP	CODE	COLOR										
22847		XA502	68		XA535	44		ZL	1EB	0		CTMWRG	01							
21648		XA502	69		XA535	57		ZM	1EB	9		MC119A	01							
23231		XA502	70		XA535	58		ZM	1EB	0		MC119G	01							
21653		XA502	71		XA535	80		ZN	1EB	9		MMPEE0	01							
23234		XA502	72		XA535	67		ZN	1EB	0		MMPEEG	01							
21650		XA502	73		XA535	69		ZP	1EB	9		MMPEJ0	01							
23236		XA502	74		XA535	67		ZP	1EB	0		MMPE0G	01							
21657		XA502	75		XA512	76		ZR	1EB	9		CSE0DA	01							
22844		XA502	76		XA512	67		ZR	1EB	0		CSE0DG	01							
22289		XA502	77									SPP								
22290		XA502	78		XA502	80				169	9	GND023	08							
22291		XA502	79									SPP	02							B03
22292		XA502	80							168	9	GND023	09							
22293		XA503	01									SPP								
22294		XA503	02									SPP								
22295		XA503	03									SPP								
22296		XA503	04									SPP								
22297		XA503	05									SPP								
22298		XA503	06									SPP								
22299		XA503	07									SPP								
22300		XA503	08									SPP								
22301		XA503	09									SPP								
22302		XA503	10									SPP								
22303		XA503	11									SPP								
22304		XA503	12									SPP								
22305		XA503	13									SPP								
22306		XA503	14									SPP								
22307		XA503	15									SPP								
22308		XA503	16									SPP								
22309		XA503	17									SPP								
22310		XA503	18									SPP								
22311		XA503	19									SPP								
22312		XA503	20									SPP								
22313		XA503	21									SPP								
22314		XA503	22									SPP								
22315		XA503	23									SPP								
22316		XA503	24									SPP								
22317		XA503	25									SPP								
22318		XA503	26									SPP								
22319		XA503	27									SPP								
22320		XA503	28									SPP								
22321		XA503	29									SPP								
22322		XA503	30									SPP								
22323		XA503	31									SPP								
22324		XA503	32									SPP								
22325		XA503	33									SPP								
22326		XA503	34									SPP								
22327		XA503	35									SPP								
CONNECTOR (XA503) CONTINUED ON THE NEXT PAGE ****																				

DRAWING NUMBER 149012-880 CONNECTOR UNIT ASSEMBLY NO. 149012 REV E INDEX XA503
 UNIT ASSEMBLY NAME CARD CAGE ASSY, CPU L.H. FILE IDENT T39B2CP1 DATE 09-03-82 PAGE 357

RECORD NUMBER	FROM			DR TO	TO			WIRE					SPP 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	DR TO	MULTI GROUP	CODE	COLOR	IDENT													
22328		XA503	36										SPP												
22329		XA503	37										SPP												
22330		XA503	38										SPP												
22331		XA503	39										SPP												
22332		XA503	40										SPP												
22333		XA503	41										SPP												
22334		XA503	42										SPP												
22335		XA503	43										SPP												
22336		XA503	44										SPP												
22337		XA503	45										SPP												
22338		XA503	46										SPP												
22339		XA503	47										SPP												
22340		XA503	48										SPP												
22341		XA503	49										SPP												
22342		XA503	50										SPP												
22343		XA503	51										SPP												
22344		XA503	52										SPP												
22345		XA503	53										SPP												
22346		XA503	54										SPP												
22347		XA503	55										SPP												
22348		XA503	56										SPP												
22349		XA503	57										SPP												
22350		XA503	58										SPP												
22351		XA503	59										SPP												
22352		XA503	60										SPP												
22353		XA503	61										SPP												
22354		XA503	62										SPP												
22355		XA503	63										SPP												
22356		XA503	64										SPP												
22357		XA503	65										SPP												
22358		XA503	66										SPP												
22359		XA503	67										SPP												
22360		XA503	68										SPP												
22361		XA503	69										SPP												
22362		XA503	70										SPP												
22363		XA503	71										SPP												
22364		XA503	72										SPP												
22365		XA503	73										SPP												
22366		XA503	74										SPP												
22367		XA503	75										SPP												
22368		XA503	76										SPP												
22369		XA503	77										SPP												
22370		XA503	78										SPP												
22371		XA503	79										SPP												
22372		XA503	80										SPP												
00008		XA504	01										DNw	02						RR4					
21315		XA504	02	1	XA504	06	1	16B	9				50102G	01	GROUND					RR4					
22724		XA504	02										GND		GROUND					RR4					
CONNECTOR (XA504) CONTINUED ON THE NEXT PAGE ****																									

DRAWING NUMBER 149012-880 CONNECTOR UNIT ASSEMBLY NO. 149012 REV E INDEX XA504
 UNIT ASSEMBLY NAME CARD CAGE ASSY, CPU L.H. FILE IDENT T39B2CP1 DATE 09-03-82 PAGE 358

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											
00219		XA504	03										+5VDCF	058				RR4	AP				B03
00220		XA504	04			XA504	13			16B	9		SPF					RR4	AP			+5VDCF	B03
15748		XA504	05			XA407	43			16B	9		Y1110B	02				RR4	A3				
21316		XA504	06							16B	9		50102G	02	GROUND			RR4	AC				
15760		XA504	07			XA407	65			16B	9		Y1120B	02				RR4	A4				
15773		XA504	08			XA407	78			16B	9		Y1130B	02				RR4	A1				
15786		XA504	09			XA407	80			16B	9		Y1140B	02				RR4	A5				
15799		XA504	10			XA407	61			16B	9		Y1150B	02				RR4	A2				
21318		XA504	11	1		XA504	18	1		16B	9		50118G	02	GROUND			RR4					
00622		XA504	12										+5V	01				RR4					
00221		XA504	13			XA504	21			16B	9		+5VDCF	059				RR4	BP			+5VDCF	B03
00222		XA504	14										SPF					RR4	BP			+5VDCF	B03
09848		XA504	15										SPR	01				RR4				KEYWAY	A01
12732		XA504	16										DNW	01				RR4				KEYWAY	C07
15810		XA504	17			XA506	07			16B	9		Y1160B	02				RR4	B4				
21319		XA504	18							16B	9		50118G	03	GROUND			RR4	BC				
15821		XA504	19			XA506	17			16B	9		Y1170B	02				RR4	B5				
15833		XA504	20			XA506	14			16B	9		Y1180B	02				RR4	B1				
00223		XA504	21			XA504	33			16B	9		+5VDCF	060				RR4	CP			+5VDCF	B03
00224		XA504	22										SPF					RR4	CP			+5VDCF	B03
15845		XA504	23			XA506	01			16B	9		Y1190B	02				RR4	C3				
15857		XA504	24			XA506	27			16B	9		Y1200B	02				RR4	B3				C06
15869		XA504	25			XA506	37			16B	9		Y1210B	02				RR4	C4				
15881		XA504	26			XA506	41			16B	9		Y1220B	02				RR4	B2				
09849		XA504	27										DNW	01				RR4					
00623		XA504	28										+5V	01				RR4					
15893		XA504	29			XA506	23			16B	9		Y1230B	02				RR4	C5				
21320		XA504	30	1		XA504	32	1		16B	9		50132G	01	GROUND			RR4	CC				
09850		XA504	31										DNW	01				RR4					
21321		XA504	32							16B	9		50132G	02	GROUND			RR4					
22725		XA504	32										GND					RR4					
00225		XA504	33			XA504	49			16B	9		+5VDCF	061				RR4	DP			+5VDCF	B03
00226		XA504	34										SPF					RR4	DP			+5VDCF	B03
15905		XA504	35			XA506	46			16B	9		Y1240B	02				RR4	D3				
15917		XA504	36			XA506	55			16B	9		Y1250B	02				RR4	C1				
15929		XA504	37			XA506	60			16B	9		Y1260B	02				RR4	D4				
15941		XA504	38			XA506	43			16B	9		Y1270B	02				RR4	C2				
15953		XA504	39			XA506	65			16B	9		Y1280B	02				RR4	D5				
21322		XA504	40	1		XA504	44	1		16B	9		50144G	01	GROUND			RR4	DC				
15965		XA504	41			XA506	78			16B	9		Y1290B	02				RR4	E5				
15977		XA504	42			XA506	80			16B	9		Y1300B	02				RR4	D1				
09851		XA504	43										DNW	01				RR4					
21323		XA504	44							16B	9		50144G	02	GROUND			RR4					
22726		XA504	44										GND		GROUND			RR4					
15989		XA504	45			XA506	61			16B	9		Y1310B	02				RR4	E4				
20700		XA504	46										SPR	01				RR4	D2				
20634		XA504	47										SPR	01				PR4	E3				
15142		XA504	48										SPR	01				RR4	E2				
00227		XA504	49							16B	9		+5VDCF	062				RR4	EP			+5VDCF	B03
00228		XA504	50										SPF					RR4	EP			+5VDCF	B03
CONNECTOR	XA504	CONTINUED ON THE NEXT PAGE ****																					

DRAWING NUMBER 149012-880 CONNECTOR UNIT ASSEMBLY NO. 149012 REV E INDEX XA505
 UNIT ASSEMBLY NAME CARD CAGE ASSY, CPU L.H. FILE IDENT T39B2CP1 DATE 09-03-82 PAGE 359

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											
17233		XA504	51		XA507	04			16B	9		SPIO40	01			RR4	F5				
17249		XA504	52									SPP	01			RR4	E1				B03
20568		XA504	53									SPR	01			RR4	F4				
21324		XA504	54	1	XA504	64	1		16B	9		50158G	02	GROUND		RR4	EC				
20569		XA504	55									SPR	01			RR4	F3				
20570		XA504	56									SPR	01			RR4	F2				
09852		XA504	57									SPR	01			RR4				KEYWAY	A01
12733		XA504	58									DNW	01			RR4				KEYWAY	C07
00229		XA504	59		XA504	69			16B	9		+5RE1B	063			RR4	FP				
00230		XA504	60									SPF				RR4	FP			+5RE1B	B02
20571		XA504	61		XA508	55			16B	9		SPIO41	01			RR4	G5				B03
20572		XA504	62									SPR	01			RR4	F1				
20573		XA504	63									SPR	01			RR4	G4				
21325		XA504	64						16B	9		50158G	03	GROUND		RR4	FC				
20574		XA504	65									SPR	01			RR4	G3				
20575		XA504	66									SPR	01			RR4	G2				
21327		XA504	67	1	XA504	74	1		16B	9		50167G	01	GROUND		RR4					
22727		XA504	67									GND		GROUND		RR4					
09853		XA504	68									DNW	01			RR4					
00231		XA504	69		XA504	79			16B	9		+5RE1B	064			RR4	GP				
00232		XA504	70									SPF				RR4	GP			+5RE1B	B02
20576		XA504	71									SPR	01			RR4	H5				
20577		XA504	72									SPR	01			RR4	G1				
20578		XA504	73									SPR	01			RR4	H4				
21328		XA504	74	2	XA504	77	2		16B	9		50167G	02	GROUND		RR4	GC				
20579		XA504	75									SPR	01			RR4	H3				
20580		XA504	76									SPR	01			RR4	H2				
21329		XA504	77									50167G	03	GROUND		RR4	HC				
23319		XA504	77		XA107	44		15	1ED	0		+5RE1Z	01			RR4	HC				A01
20581		XA504	78		XA507	23			16B	9		YMR5DB	00			RR4	H1				B03
00233		XA504	79		XA107	43		15	1ED	2		+5RE1B	065			RR4	HP				A01
00234		XA504	80									SPF				RR4	HP			+5RE1B	B02
17234		XA505	01									SPP	01								
22728		XA505	02									GND									
14693		XA505	03									SPP	01								
09854		XA505	04									SPP	01								
09855		XA505	05									SPP	01								
22012		XA505	06									SPP	01								
09856		XA505	07									SPP	01								
17235		XA505	08									SPP	01								
22013		XA505	09									SPP	01								
14691		XA505	10									SPP	01								
09857		XA505	11									SPP	01								
00624		XA505	12									+5V	01								
09858		XA505	13									SPP	01								
09859		XA505	14									SPP	01								
09860		XA505	15									SPP	01								
22729		XA505	16									GND									
CONNECTOR (XA505) CONTINUED ON THE NEXT PAGE ****																					

DRAWING NUMBER 149012-880 CONNECTOR UNIT ASSEMBLY NO. 149012 REV E INDEX XA505
 UNIT ASSEMBLY NAME CARD CAGE ASSY, CPU L.H. FILE IDENT T39B2CP1 DATE 09-03-82 PAGE 360

RECORD NUMBER	FROM			TO			WIRE				SPL INST	SIGNAL	SEQ NO	EQUATION	TERM	FACTOR	CKT OR CHIP TYPE	GROUP	LOAD OR POWER PLANE	TEST POINTS ANG OR	SIGNAL DESCRIPTION	ECO NO
	PREFIX	CONNECTOR	PIN	PREFIX	CONNECTOR	PIN	SIZE	MULTI GROUP	CODE	COLOR												
14695		XA505	17									SPP	01									
17236		XA505	18									SPP	01									
17237		XA505	19									SPP	01									
14697		XA505	20									SPP	01									
22014		XA505	21									SPP	01									
15756		XA505	22									SPP	01									
09861		XA505	23									SPP	01									
09862		XA505	24									SPP	01									
09863		XA505	25									SPP	01									
13893		XA505	26									SPP	01									
09864		XA505	27									SPP	01									
00625		XA505	28									+5V	01									
13889		XA505	29									SPP	01									
09865		XA505	30									SPP	01									
09866		XA505	31									SPP	01									
11616		XA505	32									GND	01									
15746		XA505	33									SPP	01									
15782		XA505	34									SPP	01									
09867		XA505	35									SPP	01									
13891		XA505	36									SPP	01									
13892		XA505	37									SPP	01									
09868		XA505	38									SPP	01									
15769		XA505	39									SPP	01									
09869		XA505	40									SPP	01									
09870		XA505	41									SPP	01									
09871		XA505	42									SPP	01									
09872		XA505	43									SPP	01									
22730		XA505	44									GND	01									
09873		XA505	45									SPP	01									
09874		XA505	46									SPP	01									
09875		XA505	47									SPP	01									
09876		XA505	48									SPP	01									
09877		XA505	49									SPP	01									
09878		XA505	50									SPP	01									
09879		XA505	51									SPP	01									
22015		XA505	52									SPP	01									
09880		XA505	53									SPP	01									
09881		XA505	54									SPP	01									
09882		XA505	55									SPP	01									
00257		XA505	56									SPP	01									
09883		XA505	57									SPP	01									
22731		XA505	58									GND	01									
09884		XA505	59									SPP	01									
09885		XA505	60									SPP	01									
09886		XA505	61									SPP	01									
09887		XA505	62									SPP	01									
09888		XA505	63									SPP	01									
00732		XA505	64									SPP	07									
09889		XA505	65									SPP	01									
09890		XA505	66									SPP	01									
CONNECTOR (XA505) CONTINUED ON THE NEXT PAGE ****																						

DRAWING NUMBER 149012-880 CONNECTOR UNIT ASSEMBLY NO. 149012 REV E INDEX XA505
 UNIT ASSEMBLY NAME CARD CAGE ASSY, CPU L.H. FILE IDENT T39B2CP1 DATE 09-03-82 PAGE 361

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	PREFIX	CONNECTOR	PIN	SIZE	MULTI GROUP	CODE	COLOR										IDENT	AND		
22732		XA505	67									GND											
09891		XA505	68									SPP	01										
09892		XA505	69									SPP	01										
09893		XA505	70									SPP	01										
09894		XA505	71									SPP	01										
09895		XA505	72									SPP	01										
09896		XA505	73									SPP	01										
09897		XA505	74									SPP	01										
16121		XA505	75									SPP	01										
09898		XA505	76									SPP	01										
09899		XA505	77									SPP	01										
00235		XA505	78									SPP	01										
09900		XA505	79									SPP	01										
21331		XA505	80									SPP	01										
17238		XA506	01								J	MYA19DX	01	MYA19DX	00	1	DCF	A7		02A		YI19DB BUSS	
23256		XA506	01					16B	9		P	MYA19DX	03	YI19DB	01	1	DCF	A7		02A			
11617		XA506	02									GND	01				DCF					01A	
23392		XA506	02					16B	9			YI19DG	02				DCF					01A	
14701		XA506	03		XA508	13		16B	9			MYA190X	01	MYA190X	00	1	DCF	A8		03A			
09901		XA506	04					16B	9			MD2500	02	MYA190X	01	1	DCF	A8		04A			
23386		XA506	05					16B	9			YI16DG	02				DCF						
15800		XA506	06		XA506	36		16B	9			MYSTBA	06	MYA16DX	01	1	DCF	A1		05A			
22016		XA506	06								M	MYSTBA	01	MYA17DX	01	1	DCF	A3		05A			
23288		XA506	06								M	MYSTBA	01	MYA18DX	01	1	DCF	A5		05A			
23289		XA506	06								M	MYSTBA	01	MYA19DX	01	1	DCF	A7		05A			
09903		XA506	07								J	MYA16DX	01	MYA16DX	00	1	DCF	A1		02B		YI16DB BUSS	
23253		XA506	07					16B	9		P	MYA16DX	03	YI16DB	01	1	DCF	A1		02B			
17239		XA506	08					16B	9			MD2490	02	MYA180X	01	1	DCF	A6		06A			
15811		XA506	09		XA508	08		16B	9			MYA160X	01	MYA160X	00	1	DCF	A2		03B			
14699		XA506	10		XA508	07		16B	9			MYA180X	01	MYA180X	00	1	DCF	A6		07A			
09904		XA506	11					16B	9			MD2470	02	MYA160X	01	1	DCF	A2		04B			
00626		XA506	12									+5V	01				DCF					08A	
09905		XA506	13					16B	9			MD2480	02	MYA170X	01	1	DCF	A4		05B			
09906		XA506	14								J	MYA18DX	01	MYA18DX	00	1	DCF	A5		08B		YI18DB BUSS	
23255		XA506	14					16B	9		P	MYA180X	03	YI18DB	01	1	DCF	A5		08B			
09907		XA506	15		XA508	05		16B	9			MYA170X	01	MYA170X	00	1	DCF	A4		06B			
11618		XA506	16									GND	01				DCF						
23390		XA506	16					16B	9			YI18DG	02				DCF						
14703		XA506	17					16B	9		J	MYA17DX	01	MYA17DX	00	1	DCF	A3		07B		YI17DB BUSS	
23254		XA506	17					16B	9		P	MYA17DX	03	YI17DB	01	1	DCF	A3		07B			
17240		XA506	18									SPP	01				DCF						
23388		XA506	19					16B	9			YI17DG	02				DCF						
14705		XA506	20									SPP	01				DCF						
23400		XA506	21					16B	9			YI23DG	02				DCF						
15806		XA506	22									SPP	01				DCF						
09908		XA506	23								J	MYA23DX	01	MYA23DX	00	1	DCF	B7		10A		YI23DB BUSS	
23260		XA506	23					16B	9		P	MYA24DX	03	YI23DB	01	1	DCF	B7		10A			
09909		XA506	24									SPP	01				DCF						
CONNECTOR (XA506) CONTINUED ON THE NEXT PAGE ****																							

DRAWING NUMBER 149012-880 CONNECTOR UNIT ASSEMBLY NO. 149012 REV E INDEX XA506
 UNIT ASSEMBLY NAME CARD CAGE ASSY, CPU L.H. FILE IDENT T39B2CP1 DATE 09-03-82 PAGE 362

RECORD NUMBER	FROM			SH TO	TO			SH 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 TO	MULTI GROUP	CODE												
23394		XA506	25										YI20DG	02									
13910		XA506	26										SPP	02									
09911		XA506	27									J	MYA20DX	01	MYA20DX	00	1	DCF	B1		10B	YI20DB BUSS	
23257		XA506	27									P	MYA20DX	03	YI20DB	01	1	DCF	B1		10B		
00627		XA506	28										+5V	01							21B		
13894		XA506	29		XA508	24							MYA200X	01	MYA200X	00	1	DCF	B2		11B		
09912		XA506	30		XA508	25							MYA230X	01	MYA230X	00	1	DCF	B8		11A		
09913		XA506	31										MD2510	02	MYA200X	01	1	DCF	B2		12B		
11619		XA506	32										GND	01									
15796		XA506	33										MD2520	02	MYA210X	01	1	DCF	B4		13B		
15829		XA506	34										MD2540	02	MYA230X	01	1	DCF	B8		12A		
09914		XA506	35		XA508	18							MYA210X	01	MYA210X	00	1	DCF	R4		14B		
13914		XA506	36		XA506	52							MYSTBA	07	MYA200X	01	1	DCF	B1		13A		
22018		XA506	36									M	MYSTBA	01	MYA210X	01	1	DCF	B3		13A		
23290		XA506	36									M	MYSTBA	01	MYA230X	01	1	DCF	B7		13A		
23291		XA506	36									M	MYSTBA	01	MYA220X	01	1	DCF	B5		13A		
13916		XA506	37		XA507	29						J	MYA21DX	01	MYA210X	00	1	DCF	B3		15B	YI21DB BUSS	
23258		XA506	37									P	MYA21DX	03	YI21DB	01	1	DCF	B3		15B		
09915		XA506	38										MD2530	02	MYA220X	01	1	DCF	B6		14A		
23396		XA506	39										YI210G	02									
09916		XA506	40		XA508	19							MYA220X	01	MYA220X	00	1	DCF	B6		15A		
09917		XA506	41									J	MYA22DX	01	MYA220X	00	1	DCF	B5		16A	YI22DB BUSS	
23259		XA506	41									P	MYA22DX	03	YI22DB	01	1	DCF	B5		16A		
23398		XA506	42										YI22DG	02							20B		
09919		XA506	43									J	MYA27DX	01	MYA270X	00	1	DCF	C7		25A	YI27DB BUSS	
23264		XA506	43									P	MYA27DX	03	YI27DB	01	1	DCF	C7		25A		
11620		XA506	44										GND	01	GRCUND								
23408		XA506	44										YI270G	02									
23402		XA506	45										YI240G	02								27A	
09921		XA506	46									J	MYA24DX	01	MYA240X	00	1	DCF	C1		25B	YI24DB BUSS	
23261		XA506	46									P	MYA24DX	03	YI24DB	01	1	DCF	C1		25B		
09922		XA506	47		XA508	40							MYA240X	01	MYA240X	00	1	DCF	C2		26B		
09923		XA506	48		XA508	37							MYA270X	01	MYA270X	00	1	DCF	C8		26A		
09924		XA506	49										MD2550	02	MYA240X	01	1	DCF	C2		27B		
09925		XA506	50										MD2580	02	MYA270X	01	1	DCF	C8		28A		
09926		XA506	51										MD2560	02	MYA250X	01	1	DCF	C4		28B		
15834		XA506	52		XA506	72							MYSTBA	08	MYA240X	01	1	DCF	C1		29A		
22019		XA506	52									M	MYSTBA	01	MYA250X	01	1	DCF	C3		29A		
23292		XA506	52									M	MYSTBA	01	MYA260X	01	1	DCF	C5		29A		
23293		XA506	52									M	MYSTBA	01	MYA27DX	01	1	DCF	C7		29A		
23404		XA506	53										YI250G	02									
09928		XA506	54										MD2570	02	MYA260X	01	1	DCF	C6		30A		
09929		XA506	55									J	MYA25DX	01	MYA250X	00	1	DCF	C3		30B	YI25DB BUSS	
23262		XA506	55									P	MYA25DX	03	YI25DB	01	1	DCF	C3		30B		
00258		XA506	56		XA508	34							MYA250X	01	MYA250X	00	1	DCF	C4		29B		
09930		XA506	57		XA508	31							MYA260X	01	MYA260X	00	1	DCF	C6		31A		
11621		XA506	58										GND	01									
23406		XA506	58										YI260G	02									
23416		XA506	59										YI310G	02									
09932		XA506	60									J	MYA26DX	01	MYA260X	00	1	DCF	C5		31B	YI26DB BUSS	
CONNECTOR XA506 CONTINUED ON THE NEXT PAGE ****																							

DRAWING NUMBER 149012-880 CONNECTOR UNIT ASSEMBLY NO. 149012 REV E INDEX XA506
 UNIT ASSEMBLY NAME CARD CAGE ASSY, CPU L.H. FILE IDENT T39B2CP1 DATE 09-03-82 PAGE 363

RECORD NUMBER	FROM			TO			WIRE			BPC 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	FILE	MULTI GROUP	CODE												
23263		XA506	60								J	MYA26DX	03	YI26DB	01	1	DCF	C5	31B		
09933		XA506	61								J	MYA31DX	01	MYA31DX	03	1	DCF	D7	33A	YI31DB BUSS	
23268		XA506	61								P	MYA31DX	03	YI31DB	01	1	DCF	D7	33A		
09934		XA506	62									SPP					DCF				
09935		XA506	63									SPP					DCF				
00733		XA506	64									SPP					DCF				
09936		XA506	65								J	MYA28DX	01	MYA28DX	03	1	DCF	D1	32B	YI28DB BUSS	
23265		XA506	65								P	MYA28DX	03	YI28DB	01	1	DCF	D1	32B		
09937		XA506	66									SPP					DCF				
22733		XA506	67									GND					DCF				
23410		XA506	67									YI28DG	02				DCF				
09938		XA506	68		XA508	49						MYA31DX	01	MYA31DX	03	1	DCF	D8	34A		
09939		XA506	69		XA508	54						MYA28DX	01	MYA28DX	03	1	DCF	D2	33B		
09940		XA506	70									MD2620	02	MYA31DX	01	1	DCF	D8	35A		
09941		XA506	71									MD2590	02	MYA28DX	01	1	DCF	D2	34B		
09942		XA506	72									MYSTBA	09	MYA28DX	01	1	DCF	D1	36A		
23294		XA506	72								M	MYSTBA	01	MYA31DX	01	1	DCF	D7	36A		
23295		XA506	72								M	MYSTBA	01	MYA30DX	01	1	DCF	D5	36A		
23296		XA506	72								M	MYSTBA	01	MYA29DX	01	1	DCF	D3	36A		
09943		XA506	73									MD2600	02	MYA29DX	01	1	DCF	D4	35B		
09944		XA506	74									MD2610	02	MYA30DX	01	1	DCF	D6	37A		
16122		XA506	75		XA508	48						MYA29DX	01	MYA29DX	03	1	DCF	D4	36B		
09945		XA506	76		XA508	43						MYA30DX	01	MYA30DX	03	1	DCF	D6	38A		
23412		XA506	77									YI29DG	02				DCF				
00236		XA506	78		XA505	78					J	MYA29DX	01	MYA29DX	03	1	DCF	D3	37B	YI29DB BUSS	
23266		XA506	78								P	MYA29DX	03	YI29DB	01	1	DCF	D3	37B		
23414		XA506	79									YI30DG	02				DCF				
21333		XA506	80								J	MYA30DX	01	MYA30DX	03	1	DCF	D5	38B	YI30DB BUSS	
23267		XA506	80								P	MYA30DX	03	YI30DB	01	1	DCF	D5	38B		
17242		XA507	01									SPO	01				DCF	A7	02A		
11622		XA507	02									GND	01	GRCUND			DCF		01A		
14721		XA507	03									SPO	01				DCF	A8	03A		
09948		XA507	04		XA507	08						SPI040	02				DCF	A8	04A		
23352		XA507	05									YI0PDG	02				DCF				
15846		XA507	06									CTMPL0	02	MYPARDX	01	1	DCF	A1	05A		B03
22020		XA507	06								M	CTMPL0	01	MACPTDX	01	1	DCF	A3	05A		B03
09950		XA507	07								J	MYPARDX	01	MYPARDX	00	1	DCF	A1	02B	YI0PDB BUSS	
23272		XA507	07								P	MYPARDX	03	YI0PDB	01	1	DCF	A1	02B		
17243		XA507	08		XA507	38						SPI040	03				DCF	A6	06A		
15858		XA507	09		XA508	53						MYPAROX	01	MYPAROX	00	1	DCF	A2	03B		
14719		XA507	10									SPO	01				DCF	A6	07A		
09951		XA507	11									MP4090	02	MYPAROX	01	1	DCF	A2	04B		
00628		XA507	12									+5V	01				DCF		08A		
09952		XA507	13		XA507	36						MYGNDA	04	MACPTOX	01	1	DCF	A4	05B		
09953		XA507	14									SPO	01				DCF	A5	08B		
09954		XA507	15		XA508	64						MACPTOX	01	MACPTOX	03	1	DCF	A4	06B		
11623		XA507	16								J	GND	01				DCF				
14723		XA507	17									MACPTDX	01	MACPTDX	03	1	DCF	A3	07B	YACPDB BUSS	
CONNECTOR (XA507) CONTINUED ON THE NEXT PAGE ****																					

DRAWING NUMBER 149012-880 CONNECTOR UNIT ASSEMBLY NO. 149012 REV E INDEX XA507
 UNIT ASSEMBLY NAME CARD CAGE ASSY, CPU L.H. FILE IDENT T39B2CP1 DATE 09-03-82 PAGE 364

RECORD NUMBER	FROM			TO			WIRE				SIGNAL	SEQ NO	EQUATION	TERM	FACTORS	CKT OR CHIP TYPE	GROUP	LOAD OR POWER PLANE	TEST POINTS ANG OR	SIGNAL DESCRIPTION	ECO NO
	PREFIX	CONNECTOR	PIN	PREFIX	CONNECTOR	PIN	DR FC	MULTI GROUP	CODE	COLOR											
23226		XA507	17						16B	9		P	MACPTDX	03							
17244		XA507	18										SPP	01	YACPOB	01	1	DCF	A3		07B
23346		XA507	19						16B	9			YACPDG	02							
14725		XA507	20										SPP	01							
15870		XA507	21		XA304	67		Q5	1E8	0			YMRSDG	01							
15853		XA507	22										SPP	01							803
09955		XA507	23									J	MMRSTDX	01	MMRSTDX	00	1	DCF	B7		10A
23238		XA507	23		XA303	65		Q5	1E8	9		P	MMRSTDX	01	YMRSDG	01	1	DCF	B7		10A
09956		XA507	24										SPP	01							803
23348		XA507	25						16B	9			YADCDG	02							
13911		XA507	26										SPP	01							
09958		XA507	27									J	MADDCDX	01	MADDCDX	00	1	DCF	B1		10B
23227		XA507	27						16B	9		P	MADDCDX	03	YADDCB	01	1	DCF	B1		10B
00629		XA507	28										+5V	01							21B
13917		XA507	29						16B	9		M	MADDCOX	01	MADDCOX	00	1	DCF	B2		11B
09959		XA507	30									M	MMRSTOX	01	MMRSTOX	00	1	DCF	B8		11A
09960		XA507	31						16B	9			MC0870	03	MADDCOX	01	1	DCF	B2		12B
11624		XA507	32										GND	01	GROUND						
15843		XA507	33						16B	9			MKJ9BQ	02	MHOLDDX	01	1	DCF	B4		13B
15877		XA507	34		XA410	66			16B	9			JMTSC0	01	MMRSTOX	01	1	DCF	B8		12A
09961		XA507	35									M	MHOLDDX	01	MHOLDDX	00	1	DCF	B4		14B
13913		XA507	36		XA508	66			16B	9			MYGND A	05	MADDCOX	01	1	DCF	B1		13A
23265		XA507	36									M	MYGND A	01	MHOLDDX	01	1	DCF	B3		13A
23270		XA507	36									M	MYGND A	01	MMRSTDX	01	1	DCF	B7		13A
13912		XA507	37									J	MHOLDDX	01	MHOLDDX	00	1	DCF	B3		15B
23233		XA507	37						16B	9		P	MHOLDDX	03	YHLCDB	01	1	DCF	B3		15B
09962		XA507	38		XA507	49			16B	9			SPI040	035		01	1	DCF	B6		14A
23350		XA507	39						16B	9			YHLCDB	02							
09963		XA507	40										SPO	01		00	1	DCF	B6		15A
09964		XA507	41										SPO	01		00	1	DCF	B5		16A
09965		XA507	42										SPP	01							20B
09966		XA507	43										SPO	01		00	1	DCF	C7		25A
11625		XA507	44										GND	01	GROUND						
09967		XA507	45										SPP	01							27A
09968		XA507	46										SPO	01		00	1	DCF	C1		25B
09969		XA507	47										SPO	01		00	1	DCF	C2		26B
09970		XA507	48										SPP	01							26A
09971		XA507	49		XA507	50			16B	9			SPI040	04		00	1	DCF	C2		27B
09972		XA507	50		XA507	51			16B	9			SPI040	05		01	1	DCF	C8		28A
09973		XA507	51		XA507	54			16B	9			SPI040	06		01	1	DCF	C4		28B
15882		XA507	52						16B	9			SPI041	15		01	1	DCF	C1		29A
09974		XA507	53										SPP	01							
09975		XA507	54		XA507	72			16B	9			SPI040	08		01	1	DCF	C6		30A
09976		XA507	55										SPO	01		00	1	DCF	C3		30B
00259		XA507	56										SPO	09		00	1	DCF	C4		29B
09977		XA507	57										SPO	01		00	1	DCF	C6		31A
11626		XA507	58										GND	01	GROUND						
09978		XA507	59										SPP	01							
09979		XA507	60										SPO	01		00	1	DCF	C5		31B
09980		XA507	61										SPO	01		00	1	DCF	D7		33A
CONNECTOR (XA507) CONTINUED ON THE NEXT PAGE ****																					

DRAWING NUMBER 149012-880 CONNECTOR UNIT ASSEMBLY NO. 149012 REV E INDEX XA508
 UNIT ASSEMBLY NAME CARD CAGE ASSY, CPU L.H. FILE IDENT T39B2CP1 DATE 09-03-82 PAGE 366

RECORD NUMBER	FROM			TO				WIRE		SIGNAL	SEQ NO	EQUATION	TERM	S	C	OR	CHIP	GROUP	LOAD OR POWER PLANE	TEST POINTS AND/OR	SIGNAL DESCRIPTION	ECO NO
	PREFIX	CONNECTOR	PIN	PREFIX	CONNECTOR	PIN	MULTI GROUP	CODE	COLOR													
10006		XA508	30		XA511	41		16B	9	MYA25A	01	MYA25A	00	1	TQ2	C2			19A			
10007		XA508	31					16B	9	MYA260X	02	MYA26A	01	2	TQ2	C3			19B			
11629		XA508	32							GND	01				TQ2				20B			
15890		XA508	33		XA511	47		16B	9	MYA26A	01	MYA26A	00	1	TQ2	C3			16B			
15925		XA508	34					16B	9	MYA250X	02	MYA25A	01	2	TQ2	C2			16A			
10008		XA508	35		XA508	36		16B	9	MD0350	03	MYA27A	01	1	TQ2	C4			17B			
13934		XA508	36		XA508	41		16B	9	MD0350	04	MYA25A	01	1	TQ2	C2			17A			
13936		XA508	37					16B	9	MYA270X	02	MYA27A	01	2	TQ2	C4			18B			
10009		XA508	38		XA511	48		16B	9	MYA24A	00	MYA24A	00	1	TQ2	C1			18A			
15913		XA508	39		XA511	68		16B	9	MYA27A	00	MYA27A	00	1	TQ2	C4			19B			
10010		XA508	40					16B	9	MYA240X	02	MYA24A	01	2	TQ2	C1			19A			
10011		XA508	41		XA508	42		16B	9	MD0350	05	MYA30A	01	1	TQ2	D3			22B			
10012		XA508	42		XA508	47		16B	9	MD0350	06	MYA24A	01	1	TQ2	C1			20A			
10013		XA508	43					16B	9	MYA300X	02	MYA30A	01	2	TQ2	D3			23B			
11630		XA508	44							GND	01				TQ2				21B			
10014		XA508	45		XA511	59		16B	9	MYA30A	00	MYA30A	00	1	TQ2	D3			24B			
10015		XA508	46		XA511	53		16B	9	MYA29A	00	MYA29A	00	1	TQ2	D2			21A			
10016		XA508	47		XA508	50		16B	9	MD0350	07	MYA31A	01	1	TQ2	D4			25B			
10017		XA508	48					16B	9	MYA290X	02	MYA29A	01	2	TQ2	D2			22A			
10018		XA508	49					16B	9	MYA310X	02	MYA31A	01	2	TQ2	D4			26B			
10019		XA508	50		XA508	56		16B	9	MD0350	08	MYA29A	01	1	TQ2	D2			23A			
10020		XA508	51		XA511	77		16B	9	MYA31A	00	MYA31A	00	1	TQ2	D4			27B			
15930		XA508	52		XA511	62		16B	9	MYA28A	00	MYA28A	00	1	TQ2	D1			24A			
10021		XA508	53					16B	9	MPAR0X	02	MPARTA	01	1	TQ2	E3			28B			
10022		XA508	54					16B	9	MYA280X	02	MYA28A	01	2	TQ2	D1			25A			
10023		XA508	55		XA508	61		16B	9	SPI041	02	MPARTA	01	2	TQ2	E3			29B			
10026		XA508	56					16B	9	MD0350	09	MYA28A	01	1	TQ2	D1			26A			
10024		XA508	57					16B	9	MPARTA	02	MPARTA	00	1	TQ2	E3			30B			
11631		XA508	58							GND	01				TQ2				27A			
10025		XA508	59		XA508	65		16B	9	SPI040	09		01	1	TQ2	E4			31B			
10026		XA508	60					16B	9	MACPTA	02	MACPTA	00	1	TQ2	E2			28A			
10027		XA508	61		XA508	62		16B	9	SPI041	03		01	2	TQ2	E4			32B			
10028		XA508	62		XA508	68		16B	9	SPI041	04	MACPTA	01	2	TQ2	E2			29A			
10029		XA508	63							SPO	01		00	1	TQ2	E4			33B			
00735		XA508	64					16B	9	MACPT0X	02	MACPTA	01	1	TQ2	E2			30A			
10030		XA508	65		XA508	70		16B	9	SPI040	10		01	1	TQ2	F3			34B			
10031		XA508	66					16B	9	MYGNDA	06	MYGNDA	00	1	TQ2	E1			31A			
22735		XA508	67							GND	01				TQ2				40A			
10032		XA508	68		XA508	71		16B	9	SPI041	05	MYGNDA	01	2	TQ2	E1			32A			
10033		XA508	69							SPO	01		00	1	TQ2	F3			35A			
10034		XA508	70		XA508	73		16B	9	SPI040	11	MYGNDA	01	1	TQ2	E1			33A			
10035		XA508	71		XA508	74		16B	9	SPI041	06		01	2	TQ2	F2			36A			
10036		XA508	72							DNW	01		00	1	TQ2	F2			34A			
10037		XA508	73		XA508	76		16B	9	SPI040	12		01	1	TQ2	F2			36B			
10038		XA508	74		XA508	77		16B	9	SPI041	07		01	2	TQ2	F3			35B			
16124		XA508	75							SPO	01		00	1	TQ2	F1			37B			
10039		XA508	76		XA508	79		16B	9	SPI040	13		01	1	TQ2	F4			37A			
10040		XA508	77		XA508	78		16B	9	SPI041	08		01	2	TQ2	F1			38B			
00238		XA508	78		XA507	74		16B	9	SPI041	09		01	2	TQ2	F4			38A			
10041		XA508	79					16B	9	SPI040	14		01	1	TQ2	F1			39B			
CONNECTOR XA508 CONTINUED ON THE NEXT PAGE ****																						

DRAWING NUMBER 149012-880 CONNECTOR UNIT ASSEMBLY NO. 149012 REV E INDEX XA508
 UNIT ASSEMBLY NAME CARD CAGE ASSY, CPU L.H. FILE IDENT T39B2CP1 DATE 09-03-82 PAGE 367

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	DR FTG	MULTI GROUP	CODE	COLOR											
21337		XA508	80											00	1	T02	F4		39A		
17254		XA509	01									SPP	01								
11632		XA509	02									GND	01								
14737		XA509	03									SPP	01								
10042		XA509	04									SPP	01								
10043		XA509	05									SPP	01								
22028		XA509	06									SPP	01								
10044		XA509	07									SPP	01								
17255		XA509	08									SPP	01								
22029		XA509	09									SPP	01								
14735		XA509	10									SPP	01								
10045		XA509	11									SPP	01								
00632		XA509	12									+5V	01								
10046		XA509	13									SPP	01								
10047		XA509	14									SPP	01								
10048		XA509	15									SPP	01								
11633		XA509	16									GND	01								
14751		XA509	17									SPP	01								
17256		XA509	18									SPP	01								
17257		XA509	19									SPP	01								
14753		XA509	20									SPP	01								
22030		XA509	21									SPP	01								
15950		XA509	22									SPP	01								
10049		XA509	23									SPP	01								
10050		XA509	24									SPP	01								
10051		XA509	25									SPP	01								
13931		XA509	26									SPP	01								
10052		XA509	27									SPP	01								
00633		XA509	28									+5V	01								
13937		XA509	29									SPP	01						*		
10053		XA509	30									SPP	01								
10054		XA509	31									SPP	01								
11634		XA509	32									GND	01								B02
15939		XA509	33									SPP	01								
15974		XA509	34									SPP	01								
10055		XA509	35									SPP	01								
13933		XA509	36									SPP	01								
13932		XA509	37									SPP	01								
10056		XA509	38									SPP	01								
15962		XA509	39									SPP	01								
10057		XA509	40									SPP	01								
10058		XA509	41									SPP	01								
10059		XA509	42									SPP	01								
10060		XA509	43									SPP	01								
11635		XA509	44									GND	01								
10061		XA509	45									SPP	01								
10062		XA509	46									SPP	01								
10063		XA509	47									SPP	01								
CONNECTOR (XA509) CONTINUED ON THE NEXT PAGE ****																					

DRAWING NUMBER 149012-880 CONNECTOR
 UNIT ASSEMBLY NAME CARD CAGE ASSY, CPU L.H.

UNIT ASSEMBLY NO. 149012
 FILE IDENT T39B2CP1

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RECORD NUMBER	FROM				TO				WIRE				SIGNAL	SEQ NO	EQUATION	TERM	FACTOR	CKT OR CHIP TYPE	GROUP	LOAD OR POWER PLANE	TEST POINTS		SIGNAL DESCRIPTION	ECO NO	
	PREFIX	CONNECTOR	PIN	SKT C	PREFIX	CONNECTOR	PIN	SKT C	MULTI GROUP	CODE	COLOR	IDENT									SPEC INSET	MISC			ANG
10064		XA509	48										SPP	01											
10065		XA509	49										SPP	01											
10066		XA509	50										SPP	01											
10067		XA509	51										SPP	01											
22031		XA509	52										SPP	01											
10068		XA509	53										SPP	01											
10069		XA509	54										SPP	01											
10070		XA509	55										SPP	01											
00261		XA509	56										SPP	11											
10071		XA509	57										SPP	01											
11636		XA509	58										GND	01											
10072		XA509	59										SPP	01											
10073		XA509	60										SPP	01											
10074		XA509	61										SPP	01											
10075		XA509	62										SPP	01											
10076		XA509	63										SPP	01											
00736		XA509	64										SPP	11											
10077		XA509	65										SPP	01											
10078		XA509	66										SPP	01											
22736		XA509	67										GND												
10079		XA509	68										SPP	01											
10080		XA509	69										SPP	01											
10081		XA509	70										SPP	01											
10082		XA509	71										SPP	01											
10083		XA509	72										SPP	01											
10084		XA509	73										SPP	01											
10085		XA509	74										SPP	01											
16125		XA509	75										SPP	01											
10086		XA509	76										SPP	01											
10087		XA509	77										SPP	01											
00239		XA509	78										SPP	01											
10088		XA509	79										SPP	01											
21339		XA509	80										SPP	01											
13631		XA510	01										SPP	01											
22737		XA510	02										GND												
17258		XA510	03										SPP	01											
10089		XA510	04										SPP	01											
10090		XA510	05										SPP	01											
22032		XA510	06										SPP	03											
10091		XA510	07										SPP	01											
17259		XA510	08										SPP	11											
20701		XA510	09										SPP	02											
14755		XA510	10										SPP	01											
10092		XA510	11										SPP	01											
00634		XA510	12										+5V	01											
10093		XA510	13										SPP	01											
10094		XA510	14										SPP	01											
10095		XA510	15										SPP	01											
CONNECTOR (XA510) CONTINUED ON THE NEXT PAGE ****																									

DRAWING NUMBER 149012-880 CONNECTOR UNIT ASSEMBLY NO. 149012 REV E INDEX XA510
 UNIT ASSEMBLY NAME CARD CAGE ASSY, CPU L.H. FILE IDENT T39B2CP1 DATE 09-03-82 PAGE 369

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									SP. WIRE USE	AND			OR
11637		XA510	16										GND	01											
13625		XA510	17										SPP	01											
13629		XA510	18										SPP	01											
17260		XA510	19										SPP	12											
17261		XA510	20										SPP	13											
20635		XA510	21										SPP	02											
21211		XA510	22										SPP	01											
10096		XA510	23										SPP	01											
10097		XA510	24										SPP	01											
10098		XA510	25										SPP	01											
17246		XA510	26										SPP	01											
10099		XA510	27										SPP	01											
00635		XA510	28										+5V	01											
13929		XA510	29										SPP	01											
10100		XA510	30										SPP	01											
10101		XA510	31										SPP	01											
11638		XA510	32										GND	01											
15986		XA510	33										SPP	01											
21212		XA510	34										SPP	01											
10102		XA510	35										SPP	01											
17247		XA510	36										SPP	01											
17248		XA510	37										SPP	01											
10103		XA510	38										SPP	01											
21213		XA510	39										SPP	01											
10104		XA510	40										SPP	01											
10105		XA510	41										SPP	01											
10106		XA510	42										SPP	01											
10107		XA510	43										SPP	01											
11639		XA510	44										GND	01											
10108		XA510	45										SPP	01											
10109		XA510	46										SPP	01											
10110		XA510	47										SPP	01											
10111		XA510	48										SPP	01											
10112		XA510	49										SPP	01											
10113		XA510	50										SPP	01											
10114		XA510	51										SPP	01											
22000		XA510	52										SPP	01											
10115		XA510	53										SPP	01											
10116		XA510	54										SPP	01											
10117		XA510	55										SPP	01											
00262		XA510	56										SPP	01											
10118		XA510	57										SPP	01											
22738		XA510	58										GND												
10119		XA510	59										SPP	01											
10120		XA510	60										SPP	01											
10121		XA510	61										SPP	01											
10122		XA510	62										SPP	01											
10123		XA510	63										SPP	01											
00737		XA510	64										SPP	01											
10124		XA510	65										SPP	01											
	CONNECTOR	XA510	CONTINUED ON THE NEXT PAGE ****																						

DRAWING NUMBER 149012-880

CONNECTOR

UNIT ASSEMBLY NO. 149012

REV E

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UNIT ASSEMBLY NAME CARD CAGE ASSY, CPU L.H.

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RECORD NUMBER	FROM			TO			WIRE				SIGNAL	SEQ NO	EQUATION	TERM FACTOR	CKT OR CHIP TYPE	GROUP	LOAD OR POWER PLANE	TEST POINTS AND/OR	SIGNAL DESCRIPTION	ECO NO
	PREFIX	CONNECTOR	PIN	PREFIX	CONNECTOR	PIN	DATE	MULTI GROUP	CODE	COLOR										
10125		XA510	66									SPP	01							
22739		XA510	67									GND								
10126		XA510	68									SPP	01							
10127		XA510	69									SPP	01							
10128		XA510	70									SPP	01							
10129		XA510	71									SPP	01							
10130		XA510	72									SPP	01							
10131		XA510	73									SPP	01							
10132		XA510	74									SPP	01							
16126		XA510	75									SPP	01							
10133		XA510	76									SPP	01							
10134		XA510	77									SPP	01							
00240		XA510	78									SPP	01							
10135		XA510	79									SPP	01							
21341		XA510	80									SPP	01							
15766		XA511	01		XA326	61			16B	9		MYA120	01	MYA120	00	1	TQ2	A2		02B
15777		XA511	02								GND		GRCUND				TQ2			01A
15770		XA511	03		XA416	25			16B	9		MYA13A	03	MYA130	01	1	TQ2	A3		02A
17263		XA511	04		XA511	07			16B	9		SPA108	02	MYA120	01	1	TQ2	A2		04A
15757		XA511	05		XA416	18			16B	9		MYA12A	02	MYA120	01	2	TQ2	A2		03B
15754		XA511	06		XA326	77			16B	9		MYA110	01	MYA110	00	1	TQ2	A1		05A
17264		XA511	07		XA511	10			16B	9		SPA108	03	MYA130	01	2	TQ2	A3		03A
15744		XA511	08		XA416	24			16B	9		MYA11A	01	MYA110	01	2	TQ2	A1		06A
15779		XA511	09		XA326	55			16B	9		MYA130	01	MYA130	00	1	TQ2	A3		04B
17265		XA511	10		XA511	13			16B	9		SPA108	04	MYA110	01	1	TQ2	A1		07A
15783		XA511	11		XA416	42			16B	9		MYA14A	03	MYA140	01	1	TQ2	A4		05B
00636		XA511	12								+5V						TQ2			
17266		XA511	13		XA511	19			16B	9		SPA108	05	MYA140	01	2	TQ2	A4		06B
15815		XA511	14		XA324	49			16B	9		MYA160	01	MYA160	00	1	TQ2	B2		09A
15792		XA511	15		XA326	64			16B	9		MYA140	01	MYA140	00	1	TQ2	A4		07B
15813		XA511	16								GND		GRCUND				TQ2			01B
15817		XA511	17		XA416	56			16B	9		MYA17A	01	MYA170	01	1	TQ2	B3		08B
15807		XA511	18		XA416	37			16B	9		MYA16A	02	MYA160	01	2	TQ2	B2		10A
17267		XA511	19		XA511	20			16B	9		SPA108	06	MYA170	01	2	TQ2	B3		09B
17268		XA511	20		XA513	06			16B	9		SPA108	07	MYA160	01	1	TQ2	B2		11A
15827		XA511	21		XA324	43			16B	9		MYA170	01	MYA170	00	1	TQ2	B3		10B
15804		XA511	22		XA326	70			16B	9		MYA150	01	MYA150	00	1	TQ2	B1		12A
15830		XA511	23		XA416	48			16B	9		MYA18A	02	MYA180	01	1	TQ2	B4		11B
17271		XA511	24		XA511	25			16B	9		SPA109	02	MYA150	01	2	TQ2	B1		13A
17272		XA511	25		XA511	31			16B	9		SPA109	03	MYA180	01	2	TQ2	B4		12B
15795		XA511	26		XA416	34			16B	9		MYA15A	02	MYA150	01	1	TQ2	B1		14A
15839		XA511	27		XA324	50			16B	9		MYA180	01	MYA180	00	1	TQ2	B4		13B
00637		XA511	28								+5V						TQ2			
15866		XA511	29		XA416	62			16B	9		MYA21A	02	MYA210	01	1	TQ2	C3		14B
15863		XA511	30		XA324	37			16B	9		MYA200	01	MYA200	00	1	TQ2	C2		15A
17273		XA511	31		XA511	36			16B	9		SPA109	04	MYA210	01	2	TQ2	C3		15B
15861		XA511	32								GND		GRCUND				TQ2			20B
15875		XA511	33		XA324	31			16B	9		MYA210	01	MYA210	00	1	TQ2	C3		16B
CONNECTOR XA511 CONTINUED ON THE NEXT PAGE ****																				

DRAWING NUMBER 149012-880 CONNECTOR UNIT ASSEMBLY NO. 149012 REV E INDEX XA511
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RECORD NUMBER	FROM				TO				WIRE				SIGNAL	SEQ NO	EQUATION	TERM	FACTOR	CKT OR CHIP TYPE	GROUP	LOAD OR POWER PLANE	TEST POINTS AND OR	SIGNAL DESCRIPTION	ECO NO
	PREFIX	CONNECTOR	PIN	QTY	PREFIX	CONNECTOR	PIN	QTY	MULTI GROUP	CODE	COLOR	IDENT											
15854		XA511	34			XA416	70			168	9		MYA20A	02	MYA200	01	2	TQ2	C2		16A		
15878		XA511	35			XA416	61			168	9		MYA22A	02	MYA220	01	1	TQ2	C4		17B		
17274		XA511	36			XA511	37			168	9		SPA109	05	MYA200	01	1	TQ2	C2		17A		
17275		XA511	37			XA511	42			168	9		SPA109	06	MYA220	01	2	TQ2	C4		18B		
15851		XA511	38			XA324	54			168	9		MYA190	01	MYA190	00	1	TQ2	C1		18A		
15887		XA511	39			XA324	36			168	9		MYA220	01	MYA220	00	1	TQ2	C4		19B		
15841		XA511	40			XA416	49			168	9		MYA19A	01	MYA190	01	2	TQ2	C1		19A		
15914		XA511	41			XA415	04			168	9		MYA25A	02	MYA250	01	1	TQ2	D3		22B		
17276		XA511	42			XA511	43			168	9		SPA109	07	MYA190	01	1	TQ2	C1		20A		
17277		XA511	43			XA511	49			168	9		SPA109	06	MYA250	01	2	TQ2	D3		23B		
15885		XA511	44										GND		GROUND			TQ2			21B		
15923		XA511	45			XA322	19			168	9		MYA250	01	MYA250	00	1	TQ2	D3		24B		
15911		XA511	46			XA322	25			168	9		MYA240	01	MYA240	00	1	TQ2	D2		21A		
15926		XA511	47			XA415	07			168	9		MYA26A	02	MYA260	01	1	TQ2	D4		25B		
15901		XA511	48			XA415	10			168	9		MYA24A	01	MYA240	01	2	TQ2	D2		22A		
17278		XA511	49			XA511	50			168	9		SPA109	09	MYA260	01	2	TQ2	D4		26B		
17279		XA511	50			XA511	55			168	9		SPA109	10	MYA240	01	1	TQ2	D2		23A		
15935		XA511	51			XA322	20			168	9		MYA260	01	MYA260	00	1	TQ2	D4		27B		
15899		XA511	52			XA324	42			168	9		MYA230	01	MYA230	00	1	TQ2	D1		24A		
15961		XA511	53			XA415	20			168	9		MYA29A	01	MYA290	01	1	TQ2	E3		28B		
15889		XA511	54			XA416	79			168	9		MYA23A	01	MYA230	01	2	TQ2	D1		25A		
17280		XA511	55							168	9		SPA109	11	MYA290	01	2	TQ2	E3		29B		
17294		XA511	56			XA511	61			168	9		SPA110	02	MYA230	01	1	TQ2	D1		26A		
15971		XA511	57			XA322	07			168	9		MYA290	01	MYA290	00	1	TQ2	E3		30B		
15921		XA511	58										GND		GROUND			TQ2			27A		
15973		XA511	59			XA415	19			168	9		MYA30A	01	MYA300	01	1	TQ2	E4		31B		
15959		XA511	60			XA322	13			168	9		MYA280	01	MYA280	00	1	TQ2	E2		28A		
17295		XA511	61			XA511	64			168	9		SPA110	03	MYA300	01	2	TQ2	E4		32B		
15949		XA511	62			XA415	26			168	9		MYA28A	01	MYA280	01	2	TQ2	E2		29A		
15983		XA511	63			XA322	04			168	9		MYA300	01	MYA300	00	1	TQ2	E4		33B		
17296		XA511	64			XA511	65			168	9		SPA110	04	MYA280	01	1	TQ2	E2		30A		
17297		XA511	65			XA511	70			168	9		SPA110	05		01	1	TQ2	F3		34B		
15947		XA511	66			XA322	24			168	9		MYA270	01	MYA270	00	1	TQ2	E1		31A		
22740		XA511	67										GND		GROUND			TQ2			40A		
15937		XA511	68			XA415	13			168	9		MYA27A	01	MYA270	01	2	TQ2	E1		32A		
13630		XA511	69										SPO	01		00	1	TQ2	F3		35A		
17298		XA511	70			XA511	76			168	9		SPA110	06	MYA270	01	1	TQ2	F1		33A		
10408		XA511	71			XA514	61			168	9		EYABLA	02	MD0360	01	2	TQ2	F2		36A		
13940		XA511	72			XA322	26			168	9		MD0360	01	MD0360	00	1	TQ2	F2		34A		
21150		XA511	73			XA501	65			168	9		URECVB	08	MD0360	01	1	TQ2	F2		36B		
17437		XA511	74			XA511	78			168	9		SPA123	02		01	2	TQ2	F3		35B		
15995		XA511	75			XA322	10			168	9		MYA310	01	MYA310	00	1	TQ2	F1		37B		
17299		XA511	76			XA511	79			168	9		SPA110	07		01	1	TQ2	F4		37A		
15985		XA511	77			XA415	25			168	9		MYA31A	01	MYA310	01	2	TQ2	F1		38B		
17438		XA511	78			XA534	75			168	9		SPA123	03		01	2	TQ2	F4		38A		
17300		XA511	79			XA512	01			168	9		SPA110	08	MYA310	01	1	TQ2	F1		39B		
13632		XA511	80										SPO	01		00	1	TQ2	F4		39A		

DRAWING NUMBER 149012-880 CONNECTOR UNIT ASSEMBLY NO. 149012 REV E INDEX XA512
 UNIT ASSEMBLY NAME CARD CAGE ASSY, CPU L.H. FILE IDENT T39B2CP1 DATE 09-03-82 PAGE 372

RECORD NUMBER	FROM			TO			WIRE					SIGNAL	SEQ NO	EQUATION	TERM	FACT	CXT OR CHIP TYPE	GROUP	LOAD OR POWER PLANE	TEST POINTS AND/OR	SIGNAL DESCRIPTION	ECO NO
	PREFIX	CONNECTOR	PIN	PREFIX	CONNECTOR	PIN	SAFE	MULTI GROUP	CODE	COLOR	IDENT											
17301		XA512	01		XA111	37			16B	9		SPA110	09	MD2510	01	6	TS8	A1		02B		
17284		XA512	02									GND		GRGUND			TS8			01A		
10136		XA512	03									DNW	01			TS8						
14487		XA512	04						16B	9		MD183A	02	MD2510	01	4	TS8	A1		04A		
17304		XA512	05		XA512	18			16B	9		SPA111	02	MD2510	01	5	TS8	A1		03B		
14483		XA512	06						16B	9		MD181A	02	MD2510	01	3	TS8	A1		05A		
17314		XA512	07		XA512	19			16B	9		SPA112	02	MD2510	01	7	TS8	A1		03A		
14481		XA512	08						16B	9		MD180A	02	MD2510	01	2	TS8	A1		06A		
10137		XA512	09									DNW	01			TS8						
14485		XA512	10						16B	9		MD182A	02	MD2510	01	1	TS8	A1		07A		
14720		XA512	11		XA506	31			16B	9		MD2510	01	MD2510	00	1	TS8	A1		05B		
00638		XA512	12									+5V	01			TS8						
14489		XA512	13						16B	9		MD184A	02	MD2510	01	8	TS8	A1		06B		
14499		XA512	14						16B	9		MD189A	02	MD2520	01	6	TS8	B1		09A		
10138		XA512	15									DNW	01			TS8						
11640		XA512	16									GND	01	GROUND			TS8			21B		
10139		XA512	17									DNW	01			TS8						
17305		XA512	18		XA512	37			16B	9		SPA111	03	MD2520	01	5	TS8	B1		10A		
17315		XA512	19		XA512	40			16B	9		SPA112	03	MD2520	01	7	TS8	B1		09B		
14495		XA512	20						16B	9		MD187A	02	MD2520	01	4	TS8	B1		11A		
10140		XA512	21									DNW	01			TS8						
14491		XA512	22						16B	9		MD185A	02	MD2520	01	3	TS8	B1		12A		
14722		XA512	23		XA506	33			16B	9		MD2520	01	MD2520	00	1	TS8	B1		11B		
14497		XA512	24						16B	9		MD188A	02	MD2520	01	2	TS8	B1		13A		
17325		XA512	25		XA512	42			16B	9		SPA113	02	MD2520	01	8	TS8	B1		12B		
14493		XA512	26						16B	9		MD186A	02	MD2520	01	1	TS8	B1		14A		
10141		XA512	27									DNW	01			TS8						
00639		XA512	28									+5V	01			TS8						
10142		XA512	29									DNW	01			TS8						
14518		XA512	30						16B	9		MD192A	02	MD2530	01	6	TS8	C1		15A		
14514		XA512	31						16B	9		MD190A	02	MD2530	01	7	TS8	C1		15B		
11641		XA512	32									GND	01	GROUND			TS8			27A		
10143		XA512	33									DNW	01			TS8						
14516		XA512	34						16B	9		MD191A	02	MD2530	01	5	TS8	C1		16A		
14724		XA512	35		XA506	38			16B	9		MD2530	01	MD2530	00	1	TS8	C1		17B		
14522		XA512	36						16B	9		MD194A	02	MD2530	01	4	TS8	C1		17A		
17306		XA512	37		XA512	52			16B	9		SPA111	04	MD2530	01	8	TS8	C1		18B		
14520		XA512	38						16B	9		MD193A	02	MD2530	01	3	TS8	C1		18A		
10144		XA512	39									DNW	01			TS8						
17316		XA512	40		XA512	54			16B	9		SPA112	04	MD2530	01	2	TS8	C1		19A		
10145		XA512	41									DNW	01			TS8						
17326		XA512	42		XA512	56			16B	9		SPA113	03	MD2530	01	1	TS8	C1		20A		
14532		XA512	43						16B	9		MD199A	02	MD2540	01	7	TS8	D1		23B		
17286		XA512	44									GND		GRGUND			TS8			40A		
10146		XA512	45									DNW	01			TS8						
14530		XA512	46						16B	9		MD198A	02	MD2540	01	6	TS8	D1		21A		
14726		XA512	47		XA506	34			16B	9		MD2540	01	MD2540	00	1	TS8	D1		25B		
14528		XA512	48						16B	9		MD197A	02	MD2540	01	5	TS8	D1		22A		
14524		XA512	49						16B	9		MD195A	02	MD2540	01	8	TS8	D1		26B		
14526		XA512	50						16B	9		MD196A	02	MD2540	01	4	TS8	D1		23A		
CONNECTOR XA512 CONTINUED ON THE NEXT PAGE ****																						

DRAWING NUMBER
UNIT ASSEMBLY NAME

149012-880
CARD CAGE ASSY, CPU L.H.

CONNECTOR
FILE IDENT

UNIT ASSEMBLY NO. 149012
REV E
DATE 09-03-82

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RECORD NUMBER	FROM				TO				WIRE				SIGNAL	SEQ NO	EQUATION	TERM	FACTOR	CKT OR CHIP TYPE	GROUP	LOAD OR POWER PLANE	TEST POINTS AND/OR	SIGNAL DESCRIPTION	ECO NO
	PREFIX	CONNECTOR	PIN	SH FTG	PREFIX	CONNECTOR	PIN	SH FTG	MULTI GROUP	CODE	COLOR	IDENT											
10147		XA512	51										DNW	01				TS8					
17307		XA512	52		XA512	61				16B	9		SPA111	05	MD2540	01	3	TS8	D1		24A		
10148		XA512	53										DNW	01				TS8					
17317		XA512	54		XA512	64				16B	9		SPA112	05	MD2540	01	2	TS8	D1		25A		
14626		XA512	55							16B	9		MD173A	02	MD2480	01	7	TS8	E1		29B		
17327		XA512	56		XA512	66				16B	9		SPA113	04	MD2540	01	1	TS8	D1		26A		
10149		XA512	57										DNW	01				TS8					
15969		XA512	58										GND		GROUND			TS8					
14752		XA512	59		XA506	13				16B	9		MD2480	01	MD2480	00	1	TS8	E1		31B		
14632		XA512	60							16B	9		MD171A	02	MD2480	01	6	TS8	E1		28A		
17308		XA512	61		XA519	19				16B	9		SPA111	06	MD2480	01	8	TS8	E1		32B		
14628		XA512	62							16B	9		MD173A	02	MD2480	01	5	TS8	E1		29A		
10150		XA512	63										DNW	01				TS8					
17318		XA512	64		XA512	77				16B	9		SPA112	06	MD2480	01	4	TS8	E1		30A		
10151		XA512	65										DNW	01				TS8					
17328		XA512	66		XA512	79				16B	9		SPA113	05	MD2480	01	3	TS8	E1		31A		
22741		XA512	67										GND		GROUND			TS8					
22845		XA512	67						ZR	16B	0		CSE0DG	02				TS8					
14630		XA512	68							16B	9		MD172A	02	MD2480	01	2	TS8	E1		32A		
10152		XA512	69										DNW	01				TS8					
17336		XA512	70							16B	9		SPA114	12	MD2480	01	1	TS8	F1		33A		803
15781		XA512	71		XA511	11				16B	9		MYA14A	01	CSE0DA	01	5	TS8	F1		36A		
15703		XA512	72		XA408	27				16B	9		MYA07A	01	CSE0DA	01	6	TS8	F1		34A		
15794		XA512	73		XA511	26				16B	9		MYA15A	01	CSE0DA	01	4	TS8	F1		36B		
15768		XA512	74		XA511	03				16B	9		MYA13A	01	CSE0DA	01	7	TS8	F1		35B		
15037		XA512	75							16B	9		MK168Q	05	CSE0DA	01	3	TS8	F1		37B		
06739		XA512	76						ZR	16B	9		CSE0DA	02	CSE0DA	00	1	TS8	F1		37A		SLC ESO F02.(MG00)
17319		XA512	77		XA524	70				16B	9		SPA112	07	CSE0DA	01	2	TS8	F1		38B		
06692		XA512	78		XA530	43				16B	9		CM010	02	CSE0DA	01	8	TS8	F1		38A		
17329		XA512	79		XA525	68				16B	9		SPA113	06	CSE0DA	01	1	TS8	F1		39B		
10153		XA512	80										DNW	01				TS8					
14293		XA513	01							16B	9		MD125A	02	MD2330	01	3	TD4	A2		02B		
11642		XA513	02										GND	01	GROUND			TD4			01A		
10154		XA513	03										DNW	01				TD4					
14291		XA513	04							16B	9		MD124A	02	MD2330	01	1	TD4	A2		04A		
14295		XA513	05							16B	9		MD126A	02	MD2330	01	2	TD4	A2		03B		
17269		XA513	06							16B	9		SPA108	08	MD2320	01	3	TD4	A1		05A		
14289		XA513	07							16B	9		MD123A	02	MD2330	01	4	TD4	A2		03A		
14287		XA513	08							16B	9		MD121A	02	MD2320	01	2	TD4	A1		06A		
14656		XA513	09		XA407	08				16B	9		MD2330	01	MD2330	00	1	TD4	A2		04B		
14285		XA513	10							16B	9		MD120A	02	MD2320	01	1	TD4	A1		07A		
14654		XA513	11		XA407	13				16B	9		MD2320	01	MD2320	00	1	TD4	A1		05B		
00640		XA513	12										+5V	01				TD4					
14266		XA513	13							16B	9		MD119A	02	MD2320	01	4	TD4	A1		06B		
14425		XA513	14							16B	9		MD165A	02	MD2460	01	3	TD4	B2		09A		
10155		XA513	15										DNW	01				TD4					
11643		XA513	16										GND	01	GROUND			TD4			20B		
10156		XA513	17										DNW	01				TD4					
CONNECTOR (XA513) CONTINUED ON THE NEXT PAGE ****																							

DRAWING NUMBER 149012-880 CONNECTOR UNIT ASSEMBLY NO. 149012 REV E INDEX XA513
 UNIT ASSEMBLY NAME CARD CAGE ASSY, CPU L.H. FILE IDENT T39B2CP1 DATE 09-03-82 PAGE 374

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	SN FC	MULTI GROUP	CODE											
14419		XA513	18					16B	9		MD162A	02	MD2460	01	2	T04	B2	10A		
14423		XA513	19					16B	9		MD164A	02	MD2460	01	4	T04	B2	09B		
14421		XA513	20					16B	9		MD163A	02	MD2460	01	1	T04	B2	11A		
14698		XA513	21		XA407	70		16B	9		MD2460	01	MD2460	00	1	T04	B2	10B		
14395		XA513	22					16B	9		MD159A	02	MD2450	01	3	T04	B1	12A		
14696		XA513	23		XA407	74		16B	9		MD2450	01	MD2450	00	1	T04	B1	11B		
14415		XA513	24					16B	9		MD160A	02	MD2450	01	2	T04	B1	13A		
14393		XA513	25					16B	9		MD158A	02	MD2450	01	4	T04	B1	12B		
14417		XA513	26					16B	9		MD161A	02	MD2450	01	1	T04	B1	14A		
10157		XA513	27								DNK	01				T04				
00641		XA513	28								+5V	01				T04				
10158		XA513	29								DNW	01				T04				
14448		XA513	30					16B	9		MD224A	02	MD2610	01	3	T04	C2	15A		
14452		XA513	31					16B	9		MD227A	02	MD2610	01	4	T04	C2	15B		
11644		XA513	32								GND	01	GROUND			T04		21B		
14702		XA513	33		XA506	74		16B	9		MD2610	01	MD2610	00	1	T04	C2	16B		
14450		XA513	34					16B	9		MD225A	02	MD2610	01	2	T04	C2	16A		
14700		XA513	35		XA506	11		16B	9		MD2470	01	MD2470	00	1	T04	C1	17B		
14454		XA513	36					16B	9		MD226A	02	MD2610	01	1	T04	C2	17A		
14433		XA513	37					16B	9		MD169A	02	MD2470	01	4	T04	C1	18B		
14427		XA513	38					16B	9		MD166A	02	MD2470	01	3	T04	C1	18A		
10159		XA513	39								DNW	01				T04				
14429		XA513	40					16B	9		MD167A	02	MD2470	01	2	T04	C1	19A		
10160		XA513	41								DNW	01				T04				
14431		XA513	42					16B	9		MD168A	02	MD2470	01	1	T04	C1	20A		
14562		XA513	43					16B	9		MD205A	02	MD2560	01	4	T04	D2	23B		
11645		XA513	44								GND	01	GROUND			T04		27A		
14730		XA513	45		XA506	51		16B	9		MD2560	01	MD2560	00	1	T04	D2	24B		
14560		XA513	46					16B	9		MD204A	02	MD2560	01	3	T04	D2	21A		
14728		XA513	47		XA506	49		16B	9		MD2550	01	MD2550	00	1	T04	D1	25B		
14564		XA513	48					16B	9		MD206A	02	MD2560	01	2	T04	D2	22A		
14552		XA513	49					16B	9		MD200A	02	MD2550	01	4	T04	D1	26B		
14566		XA513	50					16B	9		MD207A	02	MD2560	01	1	T04	D2	23A		
10161		XA513	51								DNW	01				T04				
14556		XA513	52					16B	9		MD202A	02	MD2550	01	3	T04	D1	24A		
10162		XA513	53								DNW	01				T04				
14554		XA513	54					16B	9		MD201A	02	MD2550	01	2	T04	D1	25A		
14589		XA513	55					16B	9		MD212A	02	MD2580	01	4	T04	E2	29B		
14558		XA513	56					16B	9		MD203A	02	MD2550	01	1	T04	D1	26A		
14734		XA513	57		XA506	50		16B	9		MD2580	01	MD2580	00	1	T04	E2	30B		
11646		XA513	58								GND	01	GROUND			T04		40A		
14732		XA513	59		XA506	54		16B	9		MD2570	01	MD2570	00	1	T04	F1	31B		
14591		XA513	60					16B	9		MD213A	02	MD2580	01	3	T04	E2	28A		
14568		XA513	61					16B	9		MD208A	02	MD2570	01	4	T04	F1	32B		
14595		XA513	62					16B	9		MD215A	02	MD2580	01	2	T04	E2	29A		
10163		XA513	63								DNW	01				T04				
14593		XA513	64					16B	9		MD214A	02	MD2580	01	1	T04	F2	30A		
10164		XA513	65								DNW	01				T04				
14587		XA513	66					16B	9		MD211A	02	MD2570	01	3	T04	F1	31A		
11647		XA513	67								GND	01	GROUND			T04		40B		
CONNECTOR (XA513) CONTINUED ON THE NEXT PAGE ****																				

DRAWING NUMBER 149012-880
 UNIT ASSEMBLY NAME CARD CAGE ASSY, CPU L.H.

CONNECTOR

UNIT ASSEMBLY NO. 149012
 FILE IDENT T39B2CP1

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RECORD NUMBER	FROM				TO				WIRE			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	DRIFT	PREFIX	CONNECTOR	PIN	DRIFT	MULTI GROUP	CODE	COLOR											
14585		XA513	68							16B	9		MD210A	02	MD2570	01	2	TD4	E1		32A	
14750		XA513	69			XA506	73			16B	9		MD2600	01	MD2600	00	1	TD4	F2		35A	
14570		XA513	70							16B	9		MD209A	02	MD2570	01	1	TD4	E1		33A	
14620		XA513	71							16B	9		MD221A	02	MD2600	01	2	TD4	F2		36A	
14618		XA513	72							16B	9		MD220A	02	MD2600	01	3	TD4	F2		34A	
14624		XA513	73							16B	9		MD223A	02	MD2600	01	1	TD4	F2		36B	
14622		XA513	74							16B	9		MD222A	02	MD2600	01	4	TD4	F2		35B	
14597		XA513	75							16B	9		MD216A	02	MD2590	01	3	TD4	F1		37B	
14736		XA513	76			XA506	71			16B	9		MD2590	01	MD2590	00	1	TD4	F1		37A	
14599		XA513	77							16B	9		MD217A	02	MD2590	01	2	TD4	F1		38B	
14601		XA513	78							16B	9		MD218A	02	MD2590	01	4	TD4	F1		38A	
14603		XA513	79							16B	9		MD219A	02	MD2590	01	1	TD4	F1		39B	
10165		XA513	80										DNW	01				TD4				
14323		XA514	01							16B	9		MD135A	02	MD2370	01	2	TT3	A2		02B	
11648		XA514	02										GND	01	GROUND			TT3			01B	
14321		XA514	03							16B	9		MD134A	02	MD2370	01	3	TT3	A2		02A	
14652		XA514	04			XA407	11			16B	9		MD2310	01	MD2310	00	1	TT3	A1		04A	
14325		XA514	05							16B	9		MD136A	02	MD2370	01	1	TT3	A2		03B	
14262		XA514	06							16B	9		MD117A	02	MD2310	01	3	TT3	A1		05A	
14664		XA514	07			XA407	38			16B	9		MD2370	01	MD2370	00	1	TT3	A2		03A	
14260		XA514	08							16B	9		MD116A	02	MD2310	01	2	TT3	A1		06A	
14329		XA514	09							16B	9		MD138A	02	MD2380	01	1	TT3	A3		04B	
14264		XA514	10							16B	9		MD118A	02	MD2310	01	1	TT3	A1		07A	
14331		XA514	11							16B	9		MD139A	02	MD2380	01	2	TT3	A3		05B	
00642		XA514	12										+5V	01				TT3				
14327		XA514	13							16B	9		MD137A	02	MD2380	01	3	TT3	A3		06B	
14351		XA514	14							16B	9		MD143A	02	MD2400	01	2	TT3	B2		09A	
14666		XA514	15			XA407	34			16B	9		MD2380	01	MD2380	00	1	TT3	A3		07B	
11649		XA514	16										GND	01	GROUND			TT3			21B	
14355		XA514	17							16B	9		MD145A	02	MD2400	01	3	TT3	B2		08B	
14353		XA514	18							16B	9		MD144A	02	MD2400	01	1	TT3	B2		10A	
14686		XA514	19			XA407	51			16B	9		MD2400	01	MD2400	00	1	TT3	B2		09B	
14668		XA514	20			XA407	49			16B	9		MD2390	01	MD2390	00	1	TT3	B1		11A	
14357		XA514	21							16B	9		MD146A	02	MD2410	01	1	TT3	B3		10B	
14349		XA514	22							16B	9		MD142A	02	MD2390	01	3	TT3	B1		12A	
14359		XA514	23							16B	9		MD147A	02	MD2410	01	2	TT3	B3		11B	
14347		XA514	24							16B	9		MD141A	02	MD2390	01	2	TT3	B1		13A	
14361		XA514	25							16B	9		MD148A	02	MD2410	01	3	TT3	B3		12B	
14345		XA514	26							16B	9		MD140A	02	MD2390	01	1	TT3	B1		14A	
14688		XA514	27			XA407	54			16B	9		MD2410	01	MD2410	00	1	TT3	B3		13B	
00643		XA514	28										+5V	01				TT3				
14381		XA514	29							16B	9		MD152A	02	MD2430	01	3	TT3	C2		14B	
14385		XA514	30							16B	9		MD154A	02	MD2430	01	2	TT3	C2		15A	
14692		XA514	31			XA407	71			16B	9		MD2430	01	MD2430	00	1	TT3	C2		15B	
11650		XA514	32										GND	01	GROUND			TT3			27A	
14387		XA514	33							16B	9		MD155A	02	MD2440	01	1	TT3	C3		16B	
14383		XA514	34							16B	9		MD153A	02	MD2430	01	1	TT3	C2		16A	
14389		XA514	35							16B	9		MD156A	02	MD2440	01	2	TT3	C3		17B	
CONNECTOR (XA514) CONTINUED ON THE NEXT PAGE ****																						

DRAWING NUMBER
UNIT ASSEMBLY NAME

149012-880
CARD CAGE ASSY, CPU L.H.

CONNECTOR
FILE IDENT

UNIT ASSEMBLY NO. 149012
REV E
DATE 09-03-82

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RECORD NUMBER	FROM			TO			WIRE			SIGNAL	SEQ NO	EQUATION	TERM	FACTOR	CKT OR CHIP TYPE	GROUP	LOAD OR POWER PLANE	TEST POINTS	SIGNAL DESCRIPTION	ECO NO
	PREFIX	CONNECTOR	PIN	PREFIX	CONNECTOR	PIN	CODE	COLOR	IDENT											
14690		XA514	36		XA407	50	168	9		MD2420	01	MD2420	00	1	TT3	C1		17A		
14391		XA514	37				168	9		MD157A	02	MD2440	01	3	TT3	C3		18B		
14377		XA514	38				168	9		MD150A	02	MD2420	01	3	TT3	C1		18A		
14694		XA514	39		XA407	73	168	9		MD2440	01	MD2440	00	1	TT3	C3		19B		
14363		XA514	40				168	9		MD149A	02	MD2420	01	2	TT3	C1		19A		
14466		XA514	41				168	9		MD179A	02	MD2500	01	3	TT3	O2		22B		
14379		XA514	42				168	9		MD151A	02	MD2420	01	1	TT3	C1		20A		
14718		XA514	43		XA506	04	168	9		MD2500	01	MD2500	00	1	TT3	O2		23B		
11651		XA514	44							GND	01	GROUND			TT3			40A		
14634		XA514	45				168	9		MD228A	02	MD2620	01	1	TT3	O3		24B		
14464		XA514	46				168	9		MD178A	02	MD2500	01	2	TT3	O2		21A		
14636		XA514	47				168	9		MD229A	02	MD2620	01	2	TT3	O3		25B		
14462		XA514	48				168	9		MD177A	02	MD2500	01	1	TT3	O2		22A		
14651		XA514	49				168	9		MD230A	02	MD2620	01	3	TT3	O3		26B		
14704		XA514	50		XA506	08	168	9		MD2490	01	MD2490	00	1	TT3	O1		23A		
14754		XA514	51		XA506	70	168	9		MD2620	01	MD2620	00	1	TT3	O3		27B		
14456		XA514	52				168	9		MD174A	02	MD2490	01	3	TT3	O1		24A		
17852		XA514	53		XA514	66	168	9		SPI030	02		01	3	TT3	E2		28B		
14458		XA514	54				168	9		MD175A	02	MD2490	01	2	TT3	O1		25A		
21214		XA514	55							SPO	01		00	1	TT3	E2		29B		
14460		XA514	56				168	9		MD176A	02	MD2490	01	1	TT3	O1		26A		
21143		XA514	57		XA514	77	168	9		URECVB	01	MD0290	01	1	TT3	E3		30B		
17846		XA514	58							GND		GROUND			TT3			40B		
13750		XA514	59				168	9		MD017A	07	MD0290	01	2	TT3	E3		31B		
17859		XA514	60		XA514	68	168	9		SPI031	02		01	2	TT3	E2		28A		
10409		XA514	61		XA514	72	168	9		EYABLA	03	MD0290	01	3	TT3	E3		32B		
17866		XA514	62		XA532	62	168	9		SPI032	02		01	1	TT3	E2		29A		
13856		XA514	63		XA408	03	168	9		MD0290	01	MD0290	00	1	TT3	E3		33B		
21215		XA514	64							SPO	01		00	1	TT3	E1		30A		
21148		XA514	65		XA514	76	168	9		URECVB	06	MD0330	01	3	TT3	F2		34B		
17853		XA514	66		XA528	03	168	9		SPI030	03		01	3	TT3	F1		31A		
11652		XA514	67							GND	01	GROUND			TT3					
17860		XA514	68		XA528	07	168	9		SPI031	03		01	2	TT3	F1		32A		
13748		XA514	69		XA514	71	168	9		MD017A	05	MD0350	01	1	TT3	F3		35A		
17861		XA514	70		XA535	31	168	9		SPIX01	04		01	1	TT3	E1		33A		
13749		XA514	71		XA514	59	168	9		MD017A	06	MD0330	01	1	TT3	F2		36A		
10410		XA514	72		XA514	75	168	9		EYABLA	04	MD0330	01	2	TT3	F2		34A		
13890		XA514	73		XA408	29	168	9		MD0310	02	MD0310	00	1	TT3	F1		36B		
13915		XA514	74		XA508	03	168	9		MD0330	01	MD0330	00	1	TT3	F2		35B		
10411		XA514	75		XA514	78	168	9		EYABLA	05	MD0310	01	3	TT3	F1		37B		
21149		XA514	76		XA511	73	168	9		URECVB	07	MD0350	01	2	TT3	F3		37A		
21144		XA514	77		XA515	73	168	9		URECVB	02	MD0310	01	2	TT3	F1		38B		
10412		XA514	78		XA515	71	168	9		EYABLA	06	MD0350	01	3	TT3	F3		38A		
13747		XA514	79		XA514	69	168	9		MD017A	04	MD0310	01	1	TT3	F1		39B		
13935		XA514	80		XA508	29	168	9		MD0350	01	MD0350	00	1	TT3	F3		39A		
14660		XA515	01		XA407	31	168	9		MD2350	01	MD2350	00	1	TQ2	A2		02B		
11653		XA515	02							GND	01	GROUND			TQ2			01A		
14317		XA515	03				168	9		MD132A	02	MD2360	01	1	TQ2	A3		02A		
CONNECTOR (XA515) CONTINUED ON THE NEXT PAGE ****																				

DRAWING NUMBER
UNIT ASSEMBLY NAME

149012-880
CARD CAGE ASSY, CPU L.H.

CONNECTOR
FILE IDENT

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RECORD NUMBER	FROM				TO				WIRE				SIGNAL	SEQ NO	EQUATION	TERM	FACTOR	CKT OR CHIP TYPE	GROUP	LOAD OR POWER PLANE	TEST POINTS AND/OR	SIGNAL DESCRIPTION	ECO NO
	PREFIX	CONNECTOR	PIN	SH FC	PREFIX	CONNECTOR	PIN	SH FC	MULTI GROUP	CODE	COLOR	IDENT											
14315		XA515	04							16B	9		MD131A	02	MD2350	01	1	TQ2	A2		04A		
14313		XA515	05							16B	9		MD130A	02	MD2350	01	2	TQ2	A2		03B		
14658		XA515	06		XA407	04				16B	9		MD2340	01	MD2340	00	1	TQ2	A1		05A		
14319		XA515	07							16B	9		MD133A	02	MD2360	01	2	TQ2	A3		03A		
14297		XA515	08							16B	9		MD127A	02	MD2340	01	2	TQ2	A1		06A		
14662		XA515	09		XA407	33				16B	9		MD2360	01	MD2360	00	1	TQ2	A3		04B		
14299		XA515	10							16B	9		MD128A	02	MD2340	01	1	TQ2	A1		07A		
08377		XA515	11		XA414	49				16B	9		DB27MO	01	MD213A	01	1	TQ2	A4		05B		
00644		XA515	12										+5V	01				TQ2					
14845		XA515	13							16B	9		MD2720	09	MD213A	01	2	TQ2	A4		06B		
14594		XA515	14		XA513	62				16B	9		MD215A	01	MD215A	00	1	TQ2	B2		09A		
14590		XA515	15		XA513	60				16B	9		MD213A	01	MD213A	00	1	TQ2	A4		07B		
11654		XA515	16										GND	01	GROUND			TQ2			01B		
14657		XA515	17		XA515	36				16B	9		MD288Q	04	MD216A	01	1	TQ2	B3		08B		
14814		XA515	18		XA521	31				16B	9		MD278Q	04	MD215A	01	2	TQ2	B2		10A		
14797		XA515	19							16B	9		MD2670	09	MD216A	01	2	TQ2	B3		09B		
14882		XA515	20		XA516	13				16B	9		MD2810	07	MD215A	01	1	TQ2	B2		11A		
14596		XA515	21		XA513	75				16B	9		MD216A	01	MD216A	00	1	TQ2	B3		10B		
14592		XA515	22		XA513	64				16B	9		MD214A	01	MD214A	00	1	TQ2	B1		12A		
14844		XA515	23		XA515	13				16B	9		MD2720	08	MD217A	01	1	TQ2	B4		11B		
12912		XA515	24							16B	9		MA11BP	05	MD214A	01	2	TQ2	B1		13A		
08440		XA515	25		XA414	64				16B	9		DB28MO	01	MD217A	01	2	TQ2	B4		12B		
12817		XA515	26							16B	9		MA0070	06	MD214A	01	1	TQ2	B1		14A		
14598		XA515	27		XA513	77				16B	9		MD217A	01	MD217A	00	1	TQ2	B4		13B		
00645		XA515	28										+5V	01				TQ2					
14796		XA515	29		XA515	19				16B	9		MD2670	08	MD220A	01	1	TQ2	C3		14B		
14602		XA515	30		XA513	79				16B	9		MD219A	01	MD219A	00	1	TQ2	C2		15A		
14908		XA515	31		XA515	48				16B	9		MD298Q	04	MD220A	01	2	TQ2	C3		15B		
11655		XA515	32										GND	01	GROUND			TQ2			20B		
14617		XA515	33		XA513	72				16B	9		MD220A	01	MD220A	00	1	TQ2	C3		16B		
14881		XA515	34		XA515	20				16B	9		MD2810	06	MD219A	01	2	TQ2	C2		16A		
14843		XA515	35		XA515	23				16B	9		MD2720	07	MD221A	01	1	TQ2	C4		17B		
14858		XA515	36		XA521	54				16B	9		MD288Q	05	MD219A	01	1	TQ2	C2		17A		
08500		XA515	37		XA417	64				16B	9		DB29MO	01	MD221A	01	2	TQ2	C4		18B		
14600		XA515	38		XA513	78				16B	9		MD218A	01	MD218A	00	1	TQ2	C1		18A		
14619		XA515	39		XA513	71				16B	9		MD221A	01	MD221A	00	1	TQ2	C4		19B		
12925		XA515	40							16B	9		MA128P	07	MD218A	01	2	TQ2	C1		19A		
14794		XA515	41		XA516	35				16B	9		MD2670	06	MD224A	01	1	TQ2	D3		22B		
12816		XA515	42		XA515	26				16B	9		MA0070	05	MD218A	01	1	TQ2	C1		20A		
14921		XA515	43		XA515	64				16B	9		MD308Q	05	MD224A	01	2	TQ2	D3		23B		
11656		XA515	44										GND	01	GROUND			TQ2			21B		
14625		XA515	45		XA513	30				16B	9		MD224A	01	MD224A	00	1	TQ2	D3		24B		
14623		XA515	46		XA513	73				16B	9		MD223A	01	MD223A	00	1	TQ2	D2		21A		
14842		XA515	47		XA515	35				16B	9		MD2720	06	MD225A	01	1	TQ2	D4		25B		
14909		XA515	48		XA521	56				16B	9		MD298Q	05	MD223A	01	2	TQ2	D2		22A		
08560		XA515	49		XA414	73				16B	9		DB30MO	01	MD225A	01	2	TQ2	D4		26B		
14879		XA515	50		XA516	42				16B	9		MD2810	04	MD223A	01	1	TQ2	D2		23A		
14627		XA515	51		XA513	34				16B	9		MD225A	01	MD225A	00	1	TQ2	D4		27B		
14621		XA515	52		XA513	74				16B	9		MD222A	01	MD222A	00	1	TQ2	D1		24A		
14792		XA515	53		XA516	49				16B	9		MD2670	04	MD228A	01	1	TQ2	E3		28B		
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DRAWING NUMBER
UNIT ASSEMBLY NAME

149012-880
CARD CAGE ASSY, CPU L.H.

CONNECTOR
FILE IDENT

UNIT ASSEMBLY NO. 149012
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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	MULTI GROUP	CODE	COLOR	IDENT												
12938	XA515	54		XA528	34		168	9			MA13BP	02	MD222A	01	2	TQ2	D1		25A			
14933	XA515	55		XA515	77		168	9			MD31BQ	05	MD228A	01	2	TQ2	E3		29B			
12815	XA515	56		XA515	42		168	9			MA0070	04	MD222A	01	1	TQ2	D1		26A			
14633	XA515	57		XA514	45		168	9			MD228A	01	MD228A	00	1	TQ2	F3		30B			
22742	XA515	58									GND		GROUND				TQ2		27A			
08620	XA515	59		XA417	78		168	9			DB31M0	01	MD229A	01	1	TQ2	E4		31B			
14631	XA515	60		XA513	31		168	9			MD227A	01	MD227A	00	1	TQ2	E2		28A			
14840	XA515	61		XA516	56		168	9			MD2720	04	MD229A	01	2	TQ2	E4		32B			
14878	XA515	62		XA515	50		168	9			MD2810	03	MD227A	01	2	TQ2	E2		29A			
14635	XA515	63		XA514	47		168	9			MD229A	01	MD229A	00	1	TQ2	E4		33B			
14922	XA515	64					168	9			MD30BQ	06	MD227A	01	1	TQ2	E2		30A			
21147	XA515	65		XA514	65		168	9			URECVB	05	MD0320	01	1	TQ2	F3		34B			
14629	XA515	66		XA513	36		168	9			MD226A	01	MD226A	00	1	TQ2	E1		31A			
13918	XA515	67									GND		GROUND				TQ2		40A			
12814	XA515	68		XA515	56		168	9			MA0070	03	MD226A	01	2	TQ2	E1		32A			
13900	XA515	69		XA326	79		168	9			MD0320	01	MD0320	00	1	TQ2	F3		35A			
12951	XA515	70		XA528	35		168	9			MA14BP	02	MD226A	01	1	TQ2	E1		33A			
10413	XA515	71		XA515	74		168	9			EYABLA	07	MD0300	01	2	TQ2	F2		36A			
13880	XA515	72		XA316	79		168	9			MD0300	01	MD0300	00	1	TQ2	F2		34A			
21145	XA515	73		XA515	78		168	9			URECVB	03	MD0300	01	1	TQ2	F2		36B			
10414	XA515	74		XA515	76		168	9			EYABLA	08	MD0320	01	2	TQ2	F3		35B			
14650	XA515	75		XA514	49		168	9			MD230A	01	MD230A	00	1	TQ2	F1		37B			
10415	XA515	76					168	9			EYABLA	09	MD0340	01	1	TQ2	F4		37A			
14934	XA515	77					168	9			MD31BQ	06	MD230A	01	2	TQ2	F1		38B			
21146	XA515	78		XA515	65		168	9			URECVB	04	MD0340	01	2	TQ2	F4		38A			
14876	XA515	79		XA516	74		168	9			MD2810	01	MD230A	01	1	TQ2	F1		39B			
13920	XA515	80		XA324	56		168	9			MD0340	01	MD0340	00	1	TQ2	F4		39A			
14513	XA516	01		XA512	31		168	9			MD190A	01	MD190A	00	1	TQ2	A2		02B			
11657	XA516	02									GND	01	GFGUND				TQ2		01A			
08111	XA516	03		XA414	79		168	9			DB22M0	01	MD191A	01	1	TQ2	A3		02A			
14613	XA516	04		XA516	11		168	9			MD22BQ	06	MD190A	01	1	TQ2	A2		04A			
14782	XA516	05		XA516	17		168	9			MD2660	03	MD190A	01	2	TQ2	A2		03B			
14498	XA516	06		XA512	14		168	9			MD189A	01	MD189A	00	1	TQ2	A1		05A			
14836	XA516	07					168	9			MD2710	09	MD191A	01	2	TQ2	A3		03A			
16096	XA516	08					168	9			PL03BQ	02	MD189A	01	2	TQ2	A1		06A			
14515	XA516	09		XA512	34		168	9			MD191A	01	MD191A	00	1	TQ2	A3		04B			
14892	XA516	10		XA433	69		168	9			MD2830	06	MD189A	01	1	TQ2	A1		07A			
14614	XA516	11					168	9			MD22BQ	07	MD192A	01	1	TQ2	A4		05B			
00646	XA516	12									+5V	01					TQ2					
14883	XA516	13		XA433	72		168	9			MD2810	08	MD192A	01	2	TQ2	A4		06B			
14521	XA516	14		XA512	36		168	9			MD194A	01	MD194A	00	1	TQ2	B2		09A			
14517	XA516	15		XA512	30		168	9			MD192A	01	MD192A	00	1	TQ2	A4		07B			
11658	XA516	16									GND	01	GROUND				TQ2		01B			
14783	XA516	17		XA517	20		168	9			MD2660	04	MD195A	01	1	TQ2	B3		08B			
16100	XA516	18					168	9			PL04BQ	02	MD194A	01	2	TQ2	B2		10A			
14646	XA516	19		XA516	40		168	9			MD238Q	06	MD195A	01	2	TQ2	B3		09B			
14891	XA516	20		XA516	10		168	9			MD2830	05	MD194A	01	1	TQ2	B2		11A			
14523	XA516	21		XA512	49		168	9			MD195A	01	MD195A	00	1	TQ2	B3		10B			
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DRAWING NUMBER 149012-880 CONNECTOR UNIT ASSEMBLY NO. 149012 REV E INDEX XA513
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RECORD NUMBER	FROM			SLOT	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	MULTI GROUP	CODE	COLOR											
14519		XA516	22		XA512	38			16B	9		MD193A	01	MD193A	00	1	TQ2	B1		12A		
08161		XA516	23		XA417	74			16B	9		DB23M0	01	MD196A	01	1	TQ2	B4		11B		
12875		XA516	24		XA423	57			16B	9		MA06BP	01	MD193A	01	2	TQ2	B1		13A		
14833		XA516	25		XA517	17			16B	9		MD2710	06	MD196A	01	2	TQ2	B4		12B		
12809		XA516	26		XA519	34			16B	9		MA0060	07	MD193A	01	1	TQ2	B1		14A		
14525		XA516	27		XA512	50			16B	9		MD196A	01	MD196A	00	1	TQ2	B4		13B		
00647		XA516	28									+5V	01				TQ2					
14890		XA516	29		XA516	20			16B	9		MD2830	04	MD199A	01	1	TQ2	C3		14B		
14529		XA516	30		XA512	46			16B	9		MD198A	01	MD198A	00	1	TQ2	C2		15A		
16104		XA516	31						16B	9		PL05BQ	02	MD199A	01	2	TQ2	C3		15B		
11659		XA516	32									GND	01	GROUND			TQ2			20B		
14531		XA516	33		XA512	43			16B	9		MD199A	01	MD199A	00	1	TQ2	C3		16B		
12880		XA516	34		XA424	57			16B	9		MA07BP	01	MD198A	01	2	TQ2	C2		16A		
14795		XA516	35		XA515	29			16B	9		MD2670	07	MD200A	01	1	TQ2	C4		17B		
12808		XA516	36		XA516	26			16B	9		MA0060	06	MD198A	01	1	TQ2	C2		17A		
14678		XA516	37						16B	9		MD248Q	05	MD200A	01	2	TQ2	C4		18B		
14527		XA516	38		XA512	48			16B	9		MD197A	01	MD197A	00	1	TQ2	C1		18A		
14551		XA516	39		XA513	49			16B	9		MD200A	01	MD200A	00	1	TQ2	C4		19B		
14647		XA516	40						16B	9		MD238Q	07	MD197A	01	2	TQ2	C1		19A		
14889		XA516	41		XA516	29			16B	9		MD2830	03	MD203A	01	1	TQ2	D3		22B		
14880		XA516	42		XA515	34			16B	9		MD2810	05	MD197A	01	1	TQ2	C1		20A		
16108		XA516	43						16B	9		PL06BQ	02	MD203A	01	2	TQ2	D3		23B		
11660		XA516	44									GND	01	GROUND			TQ2			21B		
14557		XA516	45		XA513	56			16B	9		MD203A	01	MD203A	00	1	TQ2	D3		24B		
14555		XA516	46		XA513	52			16B	9		MD202A	01	MD202A	00	1	TQ2	D2		21A		
14715		XA516	47						16B	9		MD258Q	05	MD204A	01	1	TQ2	D4		25B		
12807		XA516	48		XA516	36			16B	9		MA0060	05	MD202A	01	2	TQ2	D2		22A		
14793		XA516	49		XA515	41			16B	9		MD2670	05	MD204A	01	2	TQ2	D4		26B		
12885		XA516	50		XA421	76			16B	9		MA08BP	01	MD202A	01	1	TQ2	D2		23A		
14559		XA516	51		XA513	46			16B	9		MD204A	01	MD204A	00	1	TQ2	D4		27B		
14553		XA516	52		XA513	54			16B	9		MD201A	01	MD201A	00	1	TQ2	D1		24A		
14888		XA516	53		XA516	41			16B	9		MD2830	02	MD207A	01	1	TQ2	F3		28B		
08213		XA516	54		XA414	36			16B	9		DB24M0	01	MD201A	01	2	TQ2	D1		25A		
16112		XA516	55						16B	9		PL07BQ	02	MD207A	01	2	TQ2	E3		29B		
14841		XA516	56		XA515	47			16B	9		MD2720	05	MD201A	01	1	TQ2	D1		26A		
14565		XA516	57		XA513	50			16B	9		MD207A	01	MD207A	00	1	TQ2	E3		30B		
11661		XA516	58									GND	01	GROUND			TQ2			27A		
14791		XA516	59		XA515	53			16B	9		MD2670	03	MD208A	01	1	TQ2	E4		31B		
14563		XA516	60		XA513	48			16B	9		MD206A	01	MD206A	00	1	TQ2	E2		28A		
14745		XA516	61		XA516	65			16B	9		MD268Q	04	MD208A	01	2	TQ2	E4		32B		
12895		XA516	62		XA422	76			16B	9		MA09BP	01	MD206A	01	2	TQ2	E2		29A		
14567		XA516	63		XA513	61			16B	9		MD208A	01	MD208A	00	1	TQ2	E4		33B		
12805		XA516	64		XA517	55			16B	9		MA0060	03	MD206A	01	1	TQ2	E2		30A		
14746		XA516	65						16B	9		MD268Q	05	MD211A	01	1	TQ2	F3		34B		
14561		XA516	66		XA513	43			16B	9		MD205A	01	MD205A	00	1	TQ2	E1		31A		
22743		XA516	67									GND		GROUND			TQ2			40A		
08269		XA516	68		XA414	37			16B	9		DB25M0	01	MD205A	01	2	TQ2	E1		32A		
14586		XA516	69		XA513	66			16B	9		MD211A	01	MD211A	00	1	TQ2	F3		35A		
14839		XA516	70		XA515	61			16B	9		MD2720	03	MD205A	01	1	TQ2	E1		33A		
12813		XA516	71		XA515	68			16B	9		MA0070	02	MD210A	01	2	TQ2	F2		36A		
CONNECTOR (XA516) CONTINUED ON THE NEXT PAGE ****																						

DRAWING NUMBER 149012-880 CONNECTOR UNIT ASSEMBLY NO. 149012 REV E INDEX XA516
 UNIT ASSEMBLY NAME CARD CAGE ASSY, CPU L.H. FILE IDENT T39B2CP1 DATE 09-03-82 PAGE 380

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	SM FC	MULTI-GROUP	CODE	COLOR											
14584	XA516	72		XA513	68			168	9			MD210A	01	MD210A	00	1	TQ2	F2		34A	
12900	XA516	73		XA528	11			168	9			MA10BP	01	MD210A	01	1	TQ2	F2		36B	
14877	XA516	74		XA515	62			168	9			MD2810	02	MD211A	01	2	TQ2	F3		35B	
14569	XA516	75		XA513	70			168	9			MD209A	01	MD209A	00	1	TQ2	F1		37B	
14790	XA516	76		XA516	59			168	9			MD2670	02	MD212A	01	1	TQ2	F4		37A	
14838	XA516	77		XA516	70			168	9			MD2720	02	MD209A	01	2	TQ2	F1		38B	
14816	XA516	78						168	9			MD278Q	06	MD212A	01	2	TQ2	F4		38A	
08323	XA516	79		XA414	50			168	9			DB26M0	01	MD209A	01	1	TQ2	F1		39B	
14588	XA516	80		XA513	55			168	9			MD212A	01	MD212A	00	1	TQ2	F4		39A	
14426	XA517	01		XA513	38			168	9			MD166A	01	MD166A	00	1	TQ2	A2		02B	
11662	XA517	02										GND	01	GROUND	01	1	TQ2			01A	
07815	XA517	03		XA414	42			168	9			DB16M0	01	MD167A	01	1	TQ2	A3		02A	
14781	XA517	04		XA516	05			168	9			MD2660	02	MD166A	01	1	TQ2	A2		04A	
14404	XA517	05		XA521	10			168	9			MD168Q	05	MD166A	01	2	TQ2	A2		03B	
14424	XA517	06		XA513	14			168	9			MD165A	01	MD165A	00	1	TQ2	A1		05A	
14835	XA517	07		XA516	07			168	9			MD2710	08	MD167A	01	2	TQ2	A3		03A	
14874	XA517	08		XA517	24			168	9			MD2870	02	MD165A	01	2	TQ2	A1		06A	
14428	XA517	09		XA513	40			168	9			MD167A	01	MD167A	00	1	TQ2	A3		04B	
14443	XA517	10		XA517	18			168	9			MD178Q	06	MD165A	01	1	TQ2	A1		07A	
13170	XA517	11		XA428	76			168	9			MB12XW	02	MD168A	01	1	TQ2	A4		05B	
00648	XA517	12										+5V	01				TQ2				
13018	XA517	13						168	9			MB0020	08	MD168A	01	2	TQ2	A4		06B	
14447	XA517	14		XA512	55			168	9			MD170A	01	MD170A	00	1	TQ2	B2		09A	
14430	XA517	15		XA513	42			168	9			MD168A	01	MD168A	00	1	TQ2	A4		07B	
11663	XA517	16										GND	01	GROUND			TQ2			01B	
14834	XA517	17		XA517	07			168	9			MD2710	07	MD171A	01	1	TQ2	B3		08B	
14444	XA517	18						168	9			MD178Q	07	MD170A	01	2	TQ2	B2		10A	
07863	XA517	19		XA414	31			168	9			DB17M0	01	MD171A	01	2	TQ2	B3		09B	
14784	XA517	20		XA517	36			168	9			MD2660	05	MD170A	01	1	TQ2	B2		11A	
14449	XA517	21		XA512	60			168	9			MD171A	01	MD171A	00	1	TQ2	B3		10B	
14432	XA517	22		XA513	37			168	9			MD169A	01	MD169A	00	1	TQ2	B1		12A	
13017	XA517	23		XA517	13			168	9			MB0020	07	MD172A	01	1	TQ2	B4		11B	
14873	XA517	24		XA517	40			168	9			MD2870	03	MD169A	01	2	TQ2	B1		13A	
13182	XA517	25		XA429	76			168	9			MB13XW	02	MD172A	01	2	TQ2	B4		12B	
14476	XA517	26		XA517	34			168	9			MD188Q	06	MD169A	01	1	TQ2	B1		14A	
14451	XA517	27		XA512	68			168	9			MD172A	01	MD172A	00	1	TQ2	B4		13B	
00649	XA517	28										+5V	01				TQ2				
07911	XA517	29		XA414	56			168	9			DB18M0	01	MD175A	01	1	TQ2	C3		14B	
14455	XA517	30		XA514	52			168	9			MD174A	01	MD174A	00	1	TQ2	C2		15A	
14832	XA517	31		XA516	25			168	9			MD2710	05	MD175A	01	2	TQ2	C3		15B	
11664	XA517	32										GND	01	GROUND			TQ2			20B	
14457	XA517	33		XA514	54			168	9			MD175A	01	MD175A	00	1	TQ2	C3		16B	
14477	XA517	34						168	9			MD188Q	07	MD174A	01	2	TQ2	C2		16A	
13016	XA517	35		XA517	23			168	9			MB0020	06	MD176A	01	1	TQ2	C4		17B	
14785	XA517	36		XA517	47			168	9			MD2660	06	MD174A	01	1	TQ2	C2		17A	
13194	XA517	37		XA431	76			168	9			MB14XW	02	MD176A	01	2	TQ2	C4		18B	
14453	XA517	38		XA512	62			168	9			MD173A	01	MD173A	00	1	TQ2	C1		18A	
14459	XA517	39		XA514	56			168	9			MD176A	01	MD176A	00	1	TQ2	C4		19B	
CONNECTOR (XA517) CONTINUED ON THE NEXT PAGE ****																					

DRAWING NUMBER
UNIT ASSEMBLY NAME

149012-880
CARD CAGE ASSY, CPU L.H.

CONNECTOR
FILE IDENT

REV E
DATE 09-03-82

UNIT ASSEMBLY NO. 149012

T39B2CP1

INDEX XA517

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RECORD NUMBER	FROM			TO			WIRE				SIGNAL	SEQ NO	EQUATION	TERM	FACTOR	CKT OR CHIP TYPE	GROUP	LOAD OR POWER PLANE	TEST POINTS AND OR	SIGNAL DESCRIPTION	ECO NO
	PREFIX	CONNECTOR	PIN	SH FCS	PREFIX	CONNECTOR	PIN	SH FCS	MULTI GROUP	CODE											
14871	XA517	40			XA518	77			16B	9		MD2870	04	MD173A	01	2	TQ2	C1		19A	
13015	XA517	41			XA517	35			16B	9		MB0020	05	MD179A	01	1	TQ2	D3		22B	
14509	XA517	42			XA517	54			16B	9		MD198Q	06	MD173A	01	1	TQ2	C1		20A	
13206	XA517	43			XA432	76			16B	9		MB15XW	02	MD179A	01	2	TQ2	D3		23B	
11665	XA517	44										GND	01	GROUND			TQ2			21B	
14465	XA517	45			XA514	41			16B	9		MD179A	01	MD179A	00	1	TQ2	D3		24B	
14463	XA517	46			XA514	46			16B	9		MD178A	01	MD178A	00	1	TQ2	D2		21A	
14786	XA517	47			XA517	56			16B	9		MD2660	07	MD180A	01	1	TQ2	D4		25B	
07959	XA517	48			XA414	43			16B	9		DB19M0	01	MD178A	01	2	TQ2	D2		22A	
14542	XA517	49			XA517	62			16B	9		MD20BQ	06	MD180A	01	2	TQ2	D4		26B	
14831	XA517	50			XA517	31			16B	9		MD2710	04	MD178A	01	1	TQ2	D2		23A	
14480	XA517	51			XA512	08			16B	9		MD180A	01	MD180A	00	1	TQ2	D4		27B	
14461	XA517	52			XA514	48			16B	9		MD177A	01	MD177A	00	1	TQ2	D1		24A	
12860	XA517	53			XA421	57			16B	9		MA04BP	01	MD183A	01	1	TQ2	E3		28B	
14510	XA517	54							16B	9		MD198Q	07	MD177A	01	2	TQ2	D1		25A	
12806	XA517	55			XA516	48			16B	9		MA0060	04	MD183A	01	2	TQ2	E3		29B	
14787	XA517	56			XA517	77			16B	9		MD2660	08	MD177A	01	1	TQ2	D1		26A	
14486	XA517	57			XA512	04			16B	9		MD183A	01	MD183A	00	1	TQ2	E3		30B	
11666	XA517	58										GND	01	GROUND			TQ2			27A	
16092	XA517	59							16B	9		PL02BQ	02	MD184A	01	1	TQ2	E4		31B	
14484	XA517	60			XA512	10			16B	9		MD182A	01	MD182A	00	1	TQ2	E2		28A	
14887	XA517	61			XA516	53			16B	9		MD2830	01	MD184A	01	2	TQ2	E4		32B	
14543	XA517	62							16B	9		MD20BQ	07	MD182A	01	2	TQ2	E2		29A	
14488	XA517	63			XA512	13			16B	9		MD184A	01	MD184A	00	1	TQ2	E4		33B	
14870	XA517	64			XA519	31			16B	9		MD2800	04	MD182A	01	1	TQ2	E2		30A	
14869	XA517	65			XA517	64			16B	9		MD2800	03	MD187A	01	1	TQ2	F3		34B	
14482	XA517	66			XA512	06			16B	9		MD181A	01	MD181A	00	1	TQ2	E1		31A	
11667	XA517	67										GND	01	GROUND			TQ2			40A	
08009	XA517	68			XA414	70			16B	9		DB20M0	01	MD181A	01	2	TQ2	E1		32A	
14494	XA517	69			XA512	20			16B	9		MD187A	01	MD187A	00	1	TQ2	F3		35A	
14830	XA517	70			XA517	50			16B	9		MD2710	03	MD181A	01	1	TQ2	F1		33A	
08061	XA517	71			XA417	70			16B	9		DB21M0	01	MD186A	01	2	TQ2	F2		36A	
14492	XA517	72			XA512	26			16B	9		MD186A	01	MD186A	00	1	TQ2	F2		34A	
14829	XA517	73			XA517	70			16B	9		MD2710	02	MD186A	01	1	TQ2	F2		36B	
14580	XA517	74			XA517	79			16B	9		MD21BQ	06	MD187A	01	2	TQ2	F3		35B	
14490	XA517	75			XA512	22			16B	9		MD185A	01	MD185A	00	1	TQ2	F1		37B	
12804	XA517	76			XA516	64			16B	9		MA0060	02	MD188A	01	1	TQ2	F4		37A	
14788	XA517	77							16B	9		MD2660	09	MD185A	01	2	TQ2	F1		38B	
12870	XA517	78			XA422	57			16B	9		MA05BP	01	MD188A	01	2	TQ2	F4		38A	
14581	XA517	79							16B	9		MD21BQ	07	MD185A	01	1	TQ2	F1		39B	
14496	XA517	80			XA512	24			16B	9		MD188A	01	MD188A	00	1	TQ2	F4		39A	
14348	XA518	01			XA514	22			16B	9		MD142A	01	MD142A	00	1	TQ2	A2		02B	
11668	XA518	02										GND	01	GROUND			TQ2			01A	
14188	XA518	03			XA422	25			16B	9		MD09BQ	02	MD143A	01	1	TQ2	A3		02A	
13004	XA518	04			XA518	25			16B	9		MB0010	03	MD142A	01	1	TQ2	A2		04A	
13071	XA518	05			XA428	35			16B	9		MB04XW	02	MD142A	01	2	TQ2	A2		03B	
14346	XA518	06			XA514	24			16B	9		MD141A	01	MD141A	00	1	TQ2	A1		05A	
14779	XA518	07			XA519	64			16B	9		MD2650	09	MD143A	01	2	TQ2	A3		03A	
CONNECTOR	XA518	CONTINUED ON THE NEXT PAGE ****																			

DRAWING NUMBER 149012-880 CONNECTOR UNIT ASSEMBLY NO. 149012 REV E INDEX XA518
 UNIT ASSEMBLY NAME CARD CAGE ASSY, CPU L.H. FILE IDENT T39B2CP1 DATE 09-03-82 PAGE 382

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	EN FC	MULTI GROUP	CODE	COLOR											
07535	XA518	08		XA415	42			168	9		DB08M0	01	MD141A	01	2	TQ2	A1		06A		
14350	XA518	09		XA514	14			168	9		MD143A	01	MD143A	00	1	TQ2	A3		04B		
14826	XA518	10		XA518	13			168	9		MD2700	08	MD141A	01	1	TQ2	A1		07A		
07567	XA518	11		XA415	31			168	9		DB09M0	01	MD144A	01	1	TQ2	A4		05B		
00650	XA518	12									+5V	01				TQ2					
14827	XA518	13						168	9		MD2700	09	MD144A	01	2	TQ2	A4		06B		
14356	XA518	14		XA514	21			168	9		MD146A	01	MD146A	00	1	TQ2	B2		09A		
14352	XA518	15		XA514	18			168	9		MD144A	01	MD144A	00	1	TQ2	A4		07B		
11669	XA518	16									GND	01	GROUND			TQ2			01B		
07601	XA518	17		XA415	56			168	9		DB10M0	01	MD147A	01	1	TQ2	B3		08B		
14220	XA518	18		XA423	25			168	9		MD10B0	02	MD146A	01	2	TQ2	B2		10A		
14825	XA518	19		XA518	10			168	9		MD2700	07	MD147A	01	2	TQ2	B3		09B		
14778	XA518	20		XA518	07			168	9		MD2650	08	MD146A	01	1	TQ2	B2		11A		
14358	XA518	21		XA514	23			168	9		MD147A	01	MD147A	00	1	TQ2	B3		10B		
14354	XA518	22		XA514	17			168	9		MD145A	01	MD145A	00	1	TQ2	B1		12A		
13093	XA518	23		XA431	35			168	9		MB06XW	02	MD148A	01	1	TQ2	B4		11B		
13082	XA518	24		XA429	35			168	9		MB05XW	02	MD145A	01	2	TQ2	B1		13A		
13005	XA518	25		XA518	26			168	9		MB0010	04	MD148A	01	2	TQ2	B4		12B		
13006	XA518	26		XA518	31			168	9		MB0010	05	MD145A	01	1	TQ2	B1		14A		
14360	XA518	27		XA514	25			168	9		MD148A	01	MD148A	00	1	TQ2	B4		13B		
00651	XA518	28									+5V	01				TQ2					
13104	XA518	29		XA432	35			168	9		MB07XW	02	MD151A	01	1	TQ2	C3		14B		
14376	XA518	30		XA514	38			168	9		MD150A	01	MD150A	00	1	TQ2	C2		15A		
13007	XA518	31		XA518	50			168	9		MB0010	06	MD151A	01	2	TQ2	C3		15B		
11670	XA518	32									GND	01	GROUND			TQ2			20B		
14378	XA518	33		XA514	42			168	9		MD151A	01	MD151A	00	1	TQ2	C3		16B		
07635	XA518	34		XA415	43			168	9		DB11M0	01	MD150A	01	2	TQ2	C2		16A		
14270	XA518	35		XA421	19			168	9		MD12BQ	02	MD152A	01	1	TQ2	C4		17B		
14824	XA518	36		XA518	19			168	9		MD2700	06	MD150A	01	1	TQ2	C2		17A		
14777	XA518	37		XA518	20			168	9		MD2650	07	MD152A	01	2	TQ2	C4		18B		
14362	XA518	38		XA514	40			168	9		MD149A	01	MD149A	00	1	TQ2	C1		18A		
14380	XA518	39		XA514	29			168	9		MD152A	01	MD152A	00	1	TQ2	C4		19B		
14249	XA518	40		XA520	29			168	9		MD11B0	01	MD149A	01	2	TQ2	C1		19A		
14303	XA518	41		XA422	19			168	9		MD13BQ	02	MD155A	01	1	TQ2	03		22B		
14776	XA518	42		XA518	37			168	9		MD2650	06	MD149A	01	1	TQ2	C1		20A		
14775	XA518	43		XA518	42			168	9		MD2650	05	MD155A	01	2	TQ2	D3		23B		
11671	XA518	44									GND	01	GROUND			TQ2			21B		
14386	XA518	45		XA514	33			168	9		MD155A	01	MD155A	00	1	TQ2	D3		24B		
14384	XA518	46		XA514	30			168	9		MD154A	01	MD154A	00	1	TQ2	D2		21A		
07701	XA518	47		XA415	55			168	9		DB13M0	01	MD156A	01	1	TQ2	D4		25B		
13115	XA518	48		XA428	47			168	9		MB08XW	02	MD154A	01	2	TQ2	D2		22A		
14823	XA518	49		XA518	36			168	9		MD2700	05	MD156A	01	2	TQ2	D4		26B		
13008	XA518	50		XA519	61			168	9		MB0010	07	MD154A	01	1	TQ2	D2		23A		
14388	XA518	51		XA514	35			168	9		MD156A	01	MD156A	00	1	TQ2	D4		27B		
14382	XA518	52		XA514	34			168	9		MD153A	01	MD153A	00	1	TQ2	D1		24A		
07735	XA518	53		XA415	79			168	9		DB14M0	01	MD159A	01	1	TQ2	E3		28B		
07669	XA518	54		XA415	70			168	9		DB12M0	01	MD153A	01	2	TQ2	D1		25A		
14821	XA518	55		XA518	56			168	9		MD2700	03	MD159A	01	2	TQ2	E3		29B		
14822	XA518	56		XA518	49			168	9		MD2700	04	MD153A	01	1	TQ2	D1		26A		
14394	XA518	57		XA513	22			168	9		MD159A	01	MD159A	00	1	TQ2	E3		30B		
CONNECTOR XA518 CONTINUED ON THE NEXT PAGE *****																					

DRAWING NUMBER
UNIT ASSEMBLY NAME

149012-880
CONNECTOR
CARD CAGE ASSY, CPU L.H.

UNIT ASSEMBLY NO. 149012
FILE IDENT T39B2CP1

REV E
DATE 09-03-82
INDEX xa518
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RECORD NUMBER	FROM				TO				WIRE				SIGNAL	SEQ NO	EQUATION	TERM	FACTOR	CKT OR CHIP TYPE	GROUP	LOAD OR POWER PLANE	TEST POINTS AND/OR	SIGNAL DESCRIPTION	ECO NO
	PREFIX	CONNECTOR	PIN	SH FE	PREFIX	CONNECTOR	PIN	SH FE	MULTI GROUP	CODE	COLOR	IDENT											
13136		XA518	58										GND		GROUND						27A		
13140		XA518	59		XA431	47				168	9		MB10XW	02	MD160A	01	1	TQ2	E4		31B		
14392		XA518	60		XA513	25				168	9		MD158A	01	MD158A	00	1	TQ2	E2		28A		
13014		XA518	61		XA517	41				168	9		MB0020	04	MD160A	01	2	TQ2	F4		32B		
14334		XA518	62		XA520	43				168	9		MD148Q	01	MD158A	01	2	TQ2	E2		29A		
14414		XA518	63		XA513	24				168	9		MD160A	01	MD160A	00	1	TQ2	E4		33B		
14774		XA518	64		XA518	43				168	9		MD2650	04	MD158A	01	1	TQ2	E2		30A		
14820		XA518	65		XA518	55				168	9		MD2700	02	MD163A	01	1	TQ2	F3		34B		
14390		XA518	66		XA514	37				168	9		MD157A	01	MD157A	00	1	TQ2	E1		31A		
13159		XA518	67										GND		GROUND						40A		
13128		XA518	68		XA429	47				168	9		MB09XW	02	MD157A	01	2	TQ2	E1		32A		
14420		XA518	69		XA513	20				168	9		MD163A	01	MD163A	00	1	TQ2	F3		35A		
13013		XA518	70		XA518	61				168	9		MB0020	03	MD157A	01	1	TQ2	E1		33A		
14773		XA518	71		XA518	64				168	9		MD2650	03	MD162A	01	2	TQ2	F2		36A		
14418		XA518	72		XA513	18				168	9		MD162A	01	MD162A	00	1	TQ2	F2		34A		
14366		XA518	73		XA520	41				168	9		MD158Q	01	MD162A	01	1	TQ2	F2		36B		
07769		XA518	74		XA415	74				168	9		DB15M0	01	MD163A	01	2	TQ2	F3		35B		
14416		XA518	75		XA513	26				168	9		MD161A	01	MD161A	00	1	TQ2	F1		37B		
13156		XA518	76		XA432	47				168	9		MB11XW	02	MD164A	01	1	TQ2	F4		37A		
14868		XA518	77							168	9		MD2870	05	MD161A	01	2	TQ2	F1		38B		
13012		XA518	78		XA518	70				168	9		MB0020	02	MD164A	01	2	TQ2	F4		38A		
14406		XA518	79							168	9		MD168Q	07	MD161A	01	1	TQ2	F1		39B		
14422		XA518	80		XA513	19				168	9		MD164A	01	MD164A	00	1	TQ2	F4		39A		
14261		XA519	01		XA514	06				168	9		MD117A	01	MD117A	00	1	TQ2	A2		02B		
22744		XA519	02										GND		GROUND						01A		
06377		XA519	03		XA411	07				168	9		CMM18Q	06	MD118A	01	1	TQ2	A3		02A		
14806		XA519	04							168	9		MD2690	09	MD117A	01	1	TQ2	A2		04A		
07287		XA519	05		XA417	10				168	9		DB00M0	01	MD117A	01	2	TQ2	A2		03B		
14259		XA519	06		XA514	08				168	9		MD116A	01	MD116A	00	1	TQ2	A1		05A		
13551		XA519	07		XA531	74				168	9		MC0870	01	MD118A	01	2	TQ2	A3		03A		
13640		XA519	08		XA317	78				168	9		MD00BQ	02	MD116A	01	2	TQ2	A1		06A		
14263		XA519	09		XA514	10				168	9		MD118A	01	MD118A	00	1	TQ2	A3		04B		
14764		XA519	10		XA519	23				168	9		MD2640	03	MD116A	01	1	TQ2	A1		07A		
13723		XA519	11		XA422	13				168	9		MD018Q	02	MD119A	01	1	TQ2	A4		05B		
00652		XA519	12										+5V	01									
14763		XA519	13		XA519	10				168	9		MD2640	02	MD119A	01	2	TQ2	A4		06B		
14286		XA519	14		XA513	08				168	9		MD121A	01	MD121A	00	1	TQ2	B2		09A		
14265		XA519	15		XA513	13				168	9		MD119A	01	MD119A	00	1	TQ2	A4		07B		
11672		XA519	16										GND	01	GROUND						01B		
14875		XA519	17		XA410	41				168	9		MD2800	09	MD122A	01	1	TQ2	B3		08B		
06394		XA519	18		XA411	25				168	9		CMM28Q	07	MD121A	01	2	TQ2	B2		10A		
17309		XA519	19		XA521	73				168	9		SPA111	07	MD122A	01	2	TQ2	B3		09B		
12811		XA519	20							168	9		MA0060	09	MD121A	01	1	TQ2	B2		11A		
20702		XA519	21										SPO	01	MD122A	00	1	TQ2	B3		10B		
14284		XA519	22		XA513	10				168	9		MD120A	01	MD120A	00	1	TQ2	B1		12A		
14765		XA519	23		XA519	35				168	9		MD2640	04	MD123A	01	1	TQ2	B4		11B		
07317		XA519	24		XA417	13				168	9		DB01M0	01	MD120A	01	2	TQ2	B1		13A		
13768		XA519	25		XA520	07				168	9		MD028Q	01	MD123A	01	2	TQ2	B4		12B		
CONNECTOR (XA519) CONTINUED ON THE NEXT PAGE ****																							

DRAWING NUMBER 149012-880 CONNECTOR UNIT ASSEMBLY NO. 149012 REV E INDEX xa519
 UNIT ASSEMBLY NAME CARD CAGE ASSY, CPU L.H. FILE IDENT T39B2CP1 DATE 09-03-82 PAGE 384

RECORD NUMBER	FROM				TO				WIRE				SPT. INST. MISC.	SIGNAL	SEQ NO.	EQUATION	TERM.	FACTOR	CKT OR CHIP TYPE	GROUP	LOAD OR POWER PLANE	TEST POINTS AND/OR	SIGNAL DESCRIPTION	E.C. NO.
	PREFIX	CONNECTOR	PIN	DRIFT	PREFIX	CONNECTOR	PIN	DRIFT	MULTI GROUP	CODE	COLOR	IDENT												
14805	XA519	26			XA519	04				16B	9		MD2690	08	MD120A	01	1	TQ2	B1		14A			
14288	XA519	27			XA513	07				16B	9		MD123A	01	MD123A	00	1	TQ2	B4		13B			
00653	XA519	28											+5V	01					TQ2					
14709	XA519	29			XA422	47				16B	9		MD258P	02	MD126A	01	1	TQ2	C3		14B			
14292	XA519	30			XA513	01				16B	9		MD125A	01	MD125A	00	1	TQ2	C2		15A			
14872	XA519	31			XA519	17				16B	9		MD2800	06	MD126A	01	2	TQ2	C3		15B			
11673	XA519	32											GND	01	GROUND				TQ2			20B		
14294	XA519	33			XA513	05				16B	9		MD126A	01	MD126A	00	1	TQ2	C3		16B			
12810	XA519	34			XA519	20				16B	9		MA0060	08	MD125A	01	2	TQ2	C2		16A			
14766	XA519	35			XA519	50				16B	9		MD2640	05	MD127A	01	1	TQ2	C4		17B			
13541	XA519	36			XA433	80				16B	9		MC0830	01	MD125A	01	1	TQ2	C2		17A			
13867	XA519	37			XA520	03				16B	9		MD038Q	01	MD127A	01	2	TQ2	C4		18B			
14290	XA519	38			XA513	04				16B	9		MD124A	01	MD124A	00	1	TQ2	C1		18A			
14296	XA519	39			XA515	08				16B	9		MD127A	01	MD127A	00	1	TQ2	C4		19B			
14804	XA519	40			XA519	26				16B	9		MD2690	07	MD124A	01	2	TQ2	C1		19A			
07407	XA519	41			XA417	50				16B	9		DB04M0	01	MD131A	01	1	TQ2	D3		22B			
07347	XA519	42			XA417	19				16B	9		DB02M0	01	MD124A	01	1	TQ2	C1		20A			
14803	XA519	43			XA519	40				16B	9		MD2690	06	MD131A	01	2	TQ2	D3		23B			
11674	XA519	44											GND	01	GROUND				TQ2			21B		
14314	XA519	45			XA515	04				16B	9		MD131A	01	MD131A	00	1	TQ2	D3		24B			
14312	XA519	46			XA515	05				16B	9		MD130A	01	MD130A	00	1	TQ2	D2		21A			
14051	XA519	47			XA520	24				16B	9		MD058Q	01	MD132A	01	1	TQ2	D4		25B			
13978	XA519	48			XA520	26				16B	9		MD048Q	01	MD130A	01	2	TQ2	D2		22A			
14768	XA519	49								16B	9		MD2640	07	MD132A	01	2	TQ2	D4		26B			
14767	XA519	50			XA519	49				16B	9		MD2640	06	MD130A	01	1	TQ2	D2		23A			
14316	XA519	51			XA515	03				16B	9		MD132A	01	MD132A	00	1	TQ2	D4		27B			
14298	XA519	52			XA515	10				16B	9		MD128A	01	MD128A	00	1	TQ2	D1		24A			
07469	XA519	53			XA417	55				16B	9		DB06M0	01	MD135A	01	1	TQ2	E3		28B			
07377	XA519	54			XA417	36				16B	9		DB03M0	01	MD128A	01	2	TQ2	D1		25A			
14801	XA519	55			XA519	56				16B	9		MD2690	04	MD135A	01	2	TQ2	E3		29B			
14802	XA519	56			XA519	43				16B	9		MD2690	05	MD128A	01	1	TQ2	D1		26A			
14322	XA519	57			XA514	01				16B	9		MD135A	01	MD135A	00	1	TQ2	E3		30B			
13046	XA519	58											GND	01	GROUND				TQ2			27A		
13043	XA519	59			XA431	11				16B	9		MB02XW	02	MD136A	01	1	TQ2	E4		31B			
14320	XA519	60			XA514	03				16B	9		MD134A	01	MD134A	00	1	TQ2	E2		28A			
13009	XA519	61			XA519	65				16B	9		MB0010	08	MD136A	01	2	TQ2	E4		32B			
14084	XA519	62			XA520	19				16B	9		MD068Q	01	MD134A	01	2	TQ2	E2		29A			
14324	XA519	63			XA514	05				16B	9		MD136A	01	MD136A	00	1	TQ2	E4		33B			
14769	XA519	64			XA519	77				16B	9		MD2650	10	MD134A	01	1	TQ2	E2		30A			
13010	XA519	65								16B	9		MB0010	09	MD139A	01	1	TQ2	F3		34B			
14318	XA519	66			XA515	07				16B	9		MD133A	01	MD133A	00	1	TQ2	E1		31A			
13062	XA519	67											GND		GROUND				TQ2			40A		
07437	XA519	68			XA417	49				16B	9		DB05M0	01	MD133A	01	2	TQ2	E1		32A			
14330	XA519	69			XA514	11				16B	9		MD139A	01	MD139A	00	1	TQ2	F3		35A			
14800	XA519	70			XA519	55				16B	9		MD2690	03	MD133A	01	1	TQ2	E1		33A			
14799	XA519	71			XA519	70				16B	9		MD2690	02	MD138A	01	2	TQ2	F2		36A			
14328	XA519	72			XA514	09				16B	9		MD138A	01	MD138A	00	1	TQ2	F2		34A			
07503	XA519	73			XA417	73				16B	9		DB07M0	01	MD138A	01	1	TQ2	F2		36B			
13058	XA519	74			XA432	11				16B	9		MB03XW	02	MD139A	01	2	TQ2	F3		35B			
14326	XA519	75			XA514	13				16B	9		MD137A	01	MD137A	00	1	TQ2	F1		37B			
CONNECTOR		XA519	CONTINUED ON THE NEXT PAGE ****																					

DRAWING NUMBER 149012-880 CONNECTOR UNIT ASSEMBLY NO. 149012 REV E INDEX XA519
 UNIT ASSEMBLY NAME CARD CAGE ASSY,CPU L.H. FILE IDENT T39B2CP1 DATE 09-03-82 PAGE 385

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	SIZE	MULTI GROUP	CODE	COLOR												
14772		XA519	76		XA518	71			16B	9		MD2650	02	MD140A	01	1	TQ2	F4		37A		
14770		XA519	77						16B	9		MD2650	11	MD137A	01	2	TQ2	F1		38B		
14150		XA519	78		XA520	40			16B	9		MD08BQ	01	MD140A	01	2	TQ2	F4		38A		
14117		XA519	79		XA520	17			16B	9		MD07BQ	01	MD137A	01	1	TQ2	F1		39B		
14344		XA519	80		XA514	26			16B	9		MD140A	01	MD140A	00	1	TQ2	F4		39A		
15153		XA520	01						16B	9		MP002A	03	MP002A	00	1	TQ2	A2		02B		
11675		XA520	02									GND	01	GROUND			TQ2			01A		
13868		XA520	03		XA317	79			16B	9		MD03BQ	02	MP004A	01	1	TQ2	A3		02A		
13637		XA520	04		XA421	11			16B	9		MD00BP	01	MP002A	01	1	TQ2	A2		04A		
13720		XA520	05		XA422	11			16B	9		MD01BP	01	MP002A	01	2	TQ2	A2		03B		
15150		XA520	06						16B	9		MP001A	03	MP001A	00	1	TQ2	A1		05A		
13769		XA520	07		XA317	73			16B	9		MD02BQ	02	MP004A	01	2	TQ2	A3		03A		
13722		XA520	08		XA519	11			16B	9		MD01BQ	01	MP001A	01	2	TQ2	A1		06A		
15158		XA520	09						16B	9		MP004A	03	MP004A	00	1	TQ2	A3		04B		
13639		XA520	10		XA519	08			16B	9		MD00BQ	01	MP001A	01	1	TQ2	A1		07A		
13865		XA520	11		XA424	11			16B	9		MD03BP	01	MP005A	01	1	TQ2	A4		05B		
00654		XA520	12									+5V	01				TQ2					
13766		XA520	13		XA423	11			16B	9		MD02BP	01	MP005A	01	2	TQ2	A4		06B		
15169		XA520	14						16B	9		MP008A	03	MP008A	00	1	TQ2	B2		09A		
15161		XA520	15						16B	9		MP005A	03	MP005A	00	1	TQ2	A4		07B		
11676		XA520	16									GND	01	GROUND			TQ2			01B		
14118		XA520	17		XA317	70			16B	9		MD07BQ	02	MP010A	01	1	TQ2	B3		08B		
14049		XA520	18		XA422	09			16B	9		MD05BP	01	MP008A	01	2	TQ2	B2		10A		
14085		XA520	19		XA423	07			16B	9		MD06BQ	02	MP010A	01	2	TQ2	B3		09B		
13976		XA520	20		XA421	09			16B	9		MD04BP	01	MP008A	01	1	TQ2	B2		11A		
15174		XA520	21						16B	9		MP010A	03	MP010A	00	1	TQ2	B3		10B		
15166		XA520	22						16B	9		MP007A	03	MP007A	00	1	TQ2	B1		12A		
14115		XA520	23		XA424	09			16B	9		MD07BP	01	MP011A	01	1	TQ2	B4		11B		
14052		XA520	24		XA422	07			16B	9		MD05BQ	02	MP007A	01	2	TQ2	B1		13A		
14082		XA520	25		XA423	09			16B	9		MD06BP	01	MP011A	01	2	TQ2	B4		12B		
13979		XA520	26		XA421	07			16B	9		MD04BQ	02	MP007A	01	1	TQ2	B1		14A		
15177		XA520	27						16B	9		MP011A	03	MP011A	00	1	TQ2	B4		13B		
00655		XA520	28									+5V	01				TQ2					
14250		XA520	29		XA424	25			16B	9		MD11BQ	02	MP016A	01	1	TQ2	C3		14B		
15185		XA520	30						16B	9		MP014A	03	MP014A	00	1	TQ2	C2		15A		
14219		XA520	31		XA518	18			16B	9		MD10BQ	01	MP016A	01	2	TQ2	C3		15B		
11677		XA520	32									GND	01	GROUND			TQ2			20B		
15190		XA520	33						16B	9		MP016A	03	MP016A	00	1	TQ2	C3		16B		
14185		XA520	34		XA422	23			16B	9		MD09BP	01	MP014A	01	2	TQ2	C2		16A		
14247		XA520	35		XA424	23			16B	9		MD11BP	01	MP017A	01	1	TQ2	C4		17B		
14148		XA520	36		XA421	23			16B	9		MD08BP	01	MP014A	01	1	TQ2	C2		17A		
14217		XA520	37		XA423	23			16B	9		MD10BP	01	MP017A	01	2	TQ2	C4		18B		
15182		XA520	38						16B	9		MP013A	03	MP013A	00	1	TQ2	C1		18A		
15193		XA520	39						16B	9		MP017A	03	MP017A	00	1	TQ2	C4		19B		
14151		XA520	40		XA421	25			16B	9		MD08BQ	02	MP013A	01	2	TQ2	C1		19A		
14367		XA520	41		XA424	19			16B	9		MD15BQ	02	MP022A	01	1	TQ2	D3		22B		
14187		XA520	42		XA518	03			16B	9		MD09BQ	01	MP013A	01	1	TQ2	C1		20A		
14335		XA520	43		XA423	19			16B	9		MD14BQ	02	MP022A	01	2	TQ2	D3		23B		
CONNECTOR (XA520) CONTINUED ON THE NEXT PAGE ****																						

DRAWING NUMBER 149012-880 CONNECTOR UNIT ASSEMBLY NO. 149012 REV E INDEX XA520
 UNIT ASSEMBLY NAME CARD CAGE ASSY,CPU L.H. FILE IDENT T39B2CP1 DATE 09-03-82 PAGE 386

RECORD NUMBER	FROM			SMT	TO			MULTI GROUP	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		PREFIX	CONNECTOR	PIN		CODE	COLOR	IDENT												
11678		XA520	44									GND	01	GROUND			TQ2				21B		
15206		XA520	45						16B	9		MP022A	03	MP022A	00	1	TQ2	D3				24B	
15201		XA520	46						16B	9		MP020A	03	MP020A	00	1	TQ2	D2				21A	
14364		XA520	47			XA424	21		16B	9		MD158P	01	MP023A	01	1	TQ2	D4				25B	
14300		XA520	48			XA422	21		16B	9		MD138P	01	MP020A	01	2	TQ2	D2				22A	
14332		XA520	49			XA423	21		16B	9		MD148P	01	MP023A	01	2	TQ2	D4				26B	
14267		XA520	50			XA421	21		16B	9		MD128P	01	MP020A	01	1	TQ2	D2				23A	
15209		XA520	51						16B	9		MP023A	03	MP023A	00	1	TQ2	D4				27B	
15198		XA520	52						16B	9		MP019A	03	MP019A	00	1	TQ2	D1				24A	
15399		XA520	53			XA420	57		16B	9		MP208A	01	MP2060	01	1	TQ2	E3				28B	
14269		XA520	54			XA518	35		16B	9		MD128Q	01	MP019A	01	2	TQ2	D1				29A	
15398		XA520	55						16B	9		MP207A	02	MP2060	01	2	TQ2	E3				29B	
14302		XA520	56			XA518	41		16B	9		MD138Q	01	MP019A	01	1	TQ2	D1				26A	
15396		XA520	57						16B	9		MP2060	09	MP2060	00	1	TQ2	F3				30B	P0815
11679		XA520	58									GND	01	GROUND			TQ2					27A	
15413		XA520	59						16B	9		MP211A	02	MP2090	01	1	TQ2	E4				31B	
15383		XA520	60						16B	9		MP2030	09	MP2030	00	1	TQ2	E2				28A	P0007*
15411		XA520	61						16B	9		MP210A	02	MP2090	01	2	TQ2	E4				32B	
15387		XA520	62						16B	9		MP205A	02	MP2030	01	2	TQ2	E2				29A	
15409		XA520	63						16B	9		MP2090	09	MP2090	00	1	TQ2	E4				33B	P0815*
15385		XA520	64						16B	9		MP204A	02	MP2030	01	1	TQ2	E2				30A	
15451		XA520	65			XA420	69		16B	9		MP220A	01	MP2180	01	1	TQ2	F3				34B	
15370		XA520	66						16B	9		MP2000	09	MP2000	00	1	TQ2	E1				31A	P0007
11680		XA520	67									GND	01	GROUND			TQ2					40A	
15373		XA520	68			XA420	59		16B	9		MP202A	01	MP2000	01	2	TQ2	E1				32A	
15448		XA520	69						16B	9		MP2180	09	MP2180	00	1	TQ2	F3				35A	P2431
15372		XA520	70						16B	9		MP201A	02	MP2000	01	1	TQ2	E1				33A	
15439		XA520	71						16B	9		MP217A	02	MP2150	01	2	TQ2	F2				36A	
15435		XA520	72						16B	9		MP2150	09	MP2150	00	1	TQ2	F2				34A	P1623*
15437		XA520	73						16B	9		MP216A	02	MP2150	01	1	TQ2	F2				36B	
15450		XA520	74						16B	9		MP219A	02	MP2180	01	2	TQ2	F3				35B	
15422		XA520	75						16B	9		MP2120	09	MP2120	00	1	TQ2	F1				37B	P1623
15465		XA520	76						16B	9		MP223A	02	MP2210	01	1	TQ2	F4				37A	
15425		XA520	77			XA420	76		16B	9		MP214A	01	MP2120	01	2	TQ2	F1				38B	
15463		XA520	78						16B	9		MP222A	02	MP2210	01	2	TQ2	F4				38A	
15424		XA520	79						16B	9		MP213A	02	MP2120	01	1	TQ2	F1				39B	
15461		XA520	80						16B	9		MP2210	09	MP2210	00	1	TQ2	F4				39A	P2431*
15217		XA521	01						16B	9		MP026A	03	MP026A	00	1	TQ2	A2				02B	
11681		XA521	02									GND	01	GROUND			TQ2					01A	
14508		XA521	03			XA517	42		16B	9		MD198Q	05	MP028A	01	1	TQ2	A3				02A	
14436		XA521	04			XA422	35		16B	9		MD178P	01	MP026A	01	1	TQ2	A2				04A	
14398		XA521	05			XA421	35		16B	9		MD168P	01	MP026A	01	2	TQ2	A2				03B	
15214		XA521	06						16B	9		MP025A	03	MP025A	00	1	TQ2	A1				05A	
14475		XA521	07			XA517	26		16B	9		MD188Q	05	MP028A	01	2	TQ2	A3				03A	
14442		XA521	08			XA517	10		16B	9		MD178Q	05	MP025A	01	2	TQ2	A1				06A	
15222		XA521	09						16B	9		MP028A	03	MP028A	00	1	TQ2	A3				04B	
14405		XA521	10			XA518	79		16B	9		MD168Q	06	MP025A	01	1	TQ2	A1				07A	
14502		XA521	11			XA424	35		16B	9		MD198P	01	MP029A	01	1	TQ2	A4				05B	
CONNECTOR (XA521) CONTINUED ON THE NEXT PAGE ****																							

DRAWING NUMBER 149012-880 CONNECTOR UNIT ASSEMBLY NO. 149012 REV E INDEX XA521
 UNIT ASSEMBLY NAME CARD CAGE ASSY,CPU L.H. FILE IDENT T39B2CP1 DATE 09-03-82 PAGE 387

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	STIP	PREFIX	CONNECTOR	PIN	STIP	MULTI GROUP	CODE	COLOR											
00656		XA521	12									+5V	01				TQ2					
14469		XA521	13		XA423	35				16B	9	MD18BP	01	MP029A	01	2	TQ2	A4		06B		
15233		XA521	14							16B	9	MP032A	03	MP032A	00	1	TQ2	B2		09A		
15225		XA521	15							16P	9	MP029A	03	MP029A	00	1	TQ2	A4		07B		
11682		XA521	16									GND	01	GROUND			TQ2			01B		
14645		XA521	17		XA516	19				16B	9	MD23BQ	05	MP034A	01	1	TQ2	B3		08B		
14535		XA521	18		XA421	33				16B	9	MD20BP	01	MP032A	01	2	TQ2	B2		10A		
14612		XA521	19		XA516	04				16B	9	MD22BQ	05	MP034A	01	2	TQ2	B3		09B		
14573		XA521	20		XA422	33				16B	9	MD21BP	01	MP032A	01	1	TQ2	B2		11A		
15238		XA521	21							16B	9	MP034A	03	MP034A	00	1	TQ2	B3		10B		
15230		XA521	22							16B	9	MP031A	03	MP031A	00	1	TQ2	B1		12A		
14639		XA521	23		XA424	33				16B	9	MD23BP	01	MP035A	01	1	TQ2	B4		11B		
14579		XA521	24		XA517	74				16B	9	MD21BQ	05	MP031A	01	2	TQ2	B1		13A		
14606		XA521	25		XA423	33				16B	9	MD22BP	01	MP035A	01	2	TQ2	B4		12B		
14541		XA521	26		XA517	49				16B	9	MD20BQ	05	MP031A	01	1	TQ2	B1		14A		
15241		XA521	27							16B	9	MP035A	03	MP035A	00	1	TQ2	B4		13B		
00657		XA521	28									+5V	01				TQ2					
14744		XA521	29		XA516	61				16B	9	MD26BQ	03	MP040A	01	1	TQ2	C3		14B		
15249		XA521	30							16B	9	MP038A	03	MP038A	00	1	TQ2	C2		15A		
14815		XA521	31		XA516	78				16B	9	MD27BQ	05	MP040A	01	2	TQ2	C3		15B		
11683		XA521	32									GND	01	GROUND			TQ2			20B		
15254		XA521	33							16B	9	MP040A	03	MP040A	00	1	TQ2	C3		16B		
14672		XA521	34		XA421	47				16B	9	MD24BP	01	MP038A	01	2	TQ2	C2		16A		
14809		XA521	35		XA424	47				16B	9	MD27BP	01	MP041A	01	1	TQ2	C4		17B		
14708		XA521	36		XA519	29				16B	9	MD25BP	01	MP038A	01	1	TQ2	C2		17A		
14740		XA521	37		XA423	47				16B	9	MD26BP	01	MP041A	01	2	TQ2	C4		18B		
15246		XA521	38							16B	9	MP037A	03	MP037A	00	1	TQ2	C1		18A		
15257		XA521	39							16B	9	MP041A	03	MP041A	00	1	TQ2	C4		19B		
14714		XA521	40		XA516	47				16B	9	MD25BQ	04	MP037A	01	2	TQ2	C1		19A		
14932		XA521	41		XA515	55				16B	9	MD31BQ	04	MP046A	01	1	TQ2	D3		22B		
14677		XA521	42		XA516	37				16B	9	MD24BQ	04	MP037A	01	1	TQ2	C1		20A		
14920		XA521	43		XA515	43				16B	9	MD30BQ	04	MP046A	01	2	TQ2	D3		23B		
11684		XA521	44									GND	01	GROUND			TQ2			21B		
15270		XA521	45							16B	9	MP046A	03	MP046A	00	1	TQ2	D3		24B		
15265		XA521	46							16B	9	MP044A	03	MP044A	00	1	TQ2	D2		21A		
14927		XA521	47		XA424	45				16B	9	MD31BP	01	MP047A	01	1	TQ2	D4		25B		
14852		XA521	48		XA421	45				16B	9	MD28BP	01	MP044A	01	2	TQ2	D2		22A		
14915		XA521	49		XA423	45				16B	9	MD30BP	01	MP047A	01	2	TQ2	D4		26B		
14903		XA521	50		XA422	45				16B	9	MD29BP	01	MP044A	01	1	TQ2	D2		23A		
15272		XA521	51		XA522	47				16B	9	MP047A	02	MP047A	00	1	TQ2	D4		27B		
15261		XA521	52		XA522	41				16B	9	MP043A	02	MP043A	00	1	TQ2	D1		24A		
15331		XA521	53							16B	9	MP1150	03	MP213A	01	1	TQ2	E3		28B		
14859		XA521	54							16B	9	MD28BQ	06	MP043A	01	2	TQ2	D1		25A		
15320		XA521	55							16B	9	MP1120	03	MP213A	01	2	TQ2	E3		29B		
14910		XA521	56							16B	9	MD29BQ	06	MP043A	01	1	TQ2	D1		26A		
15423		XA521	57		XA520	79				16B	9	MP213A	01	MP213A	00	1	TQ2	E3		30B		
11685		XA521	58									GND	01	GROUND			TQ2			27A		
15342		XA521	59							16B	9	MP1180	03	MP219A	01	1	TQ2	E4		31B		
15397		XA521	60		XA520	55				16B	9	MP207A	01	MP207A	00	1	TQ2	E2		28A		
15353		XA521	61							16B	9	MP1210	03	MP219A	01	2	TQ2	E4		32B		
CONNECTOR (XA521) CONTINUED ON THE NEXT PAGE ****																						

DRAWING NUMBER 149012-880 CONNECTOR UNIT ASSEMBLY NO. 149012 REV E INDEX XA521
 UNIT ASSEMBLY NAME CARD CAGE ASSY CPU L.H. FILE IDENT T39B2CP1 DATE 09-03-82 PAGE 388

RECORD NUMBER	FROM			S/W	TO			WIRE				SIGNAL	SEQ NO	EQUATION	TERM	FACTOR	CKT OR CRIP TYPE	GROUP	LOAD OR POWER PLANE	TEST POINTS	SIGNAL DESCRIPTION	ECO NO
	PREFIX	CONNECTOR	PIN		PREFIX	CONNECTOR	PIN	MULTI GROUP	CODE	COLOR	IDENT											
15298		XA521	62									MP1060	03	MP207A	01	2	TQ2	E2		29A		
15449		XA521	63		XA520	74						MP219A	01	MP219A	00	1	TQ2	E4		33B		
15309		XA521	64									MP1090	03	MP207A	01	1	TQ2	E2		30A		
17854		XA521	65									MC094A	03		01	1	TQ2	F3		34B	B03	
15371		XA521	66		XA520	70						MP201A	01	MP201A	00	1	TQ2	F1		31A		
11686		XA521	67									GND	01	GROUND			TQ2			43A		
15287		XA521	68									MP1030	03	MP201A	01	2	TQ2	E1		32A		
21216		XA521	69									SPO	02		00	1	TQ2	F3		35A	B03	
15276		XA521	70									MP1000	03	MP201A	01	1	TQ2	E1		33A		
15096		XA521	71		XA501	35						MMA SPA	06	MMA SPA	01	2	TQ2	F2		36A		
15103		XA521	72		XA531	60						MMA SPA	02	MMA SPA	00	1	TQ2	F2		34A		
17310		XA521	73		XA521	79						SPA111	08	MMA SPA	00	1	TQ2	F2		36B		
21217		XA521	74									MC095A	03		01	2	TQ2	F3		35B	B03	
13577		XA521	75									MC1020	09	MC1020	00	1	TQ2	F1		37B		
17855		XA521	76		XA411	13						CM006Q	071	MD017A	01	1	TQ2	F4		37A		
13568		XA521	77									MC102A	03	MC1020	01	2	TQ2	F1		38B		
17862		XA521	78		XA411	09						CM118P	031	MD017A	01	2	TQ2	F4		38A		
17311		XA521	79		XA524	60						SPA111	09	MC1020	01	1	TQ2	F1		39B		
21218		XA521	80		XA514	79						MD017A	03	MD017A	00	1	TQ2	F4		39A		
15155		XA522	01									MP0030	02	MP0030	00	1	TQ2	A2		02B	P0203	
11687		XA522	02									GND	01	GROUND			TQ2			01A		
15164		XA522	03		XA523	11						MP007A	01	MP0060	01	1	TQ2	A3		02A		
15157		XA522	04		XA520	09						MP004A	02	MP0030	01	1	TQ2	A2		04A		
15160		XA522	05		XA520	15						MP005A	02	MP0030	01	2	TQ2	A2		03B		
15147		XA522	06									MP0000	02	MP0000	00	1	TQ2	A1		05A	P0001	
15168		XA522	07		XA520	14						MP008A	02	MP0060	01	2	TQ2	A3		03A		
15152		XA522	08		XA520	01						MP002A	02	MP0000	01	2	TQ2	A1		06A		
15163		XA522	09									MP0060	02	MP0060	00	1	TQ2	A3		04B	P0405	
15149		XA522	10		XA520	06						MP001A	02	MP0000	01	1	TQ2	A1		07A		
15175		XA522	11		XA523	22						MP011A	01	MP0090	01	1	TQ2	A4		05B		
00658		XA522	12									+5V	01				TQ2					
15173		XA522	13		XA520	21						MP010A	02	MP0090	01	2	TQ2	A4		06B		
15187		XA522	14									MP0150	02	MP0150	00	1	TQ2	B2		09A	P1011	
15171		XA522	15									MP0090	02	MP0090	00	1	TQ2	A4		07B	P0607	
11688		XA522	16									GND	01	GROUND			TQ2			01B		
15199		XA522	17		XA523	40						MP020A	01	MP0180	01	1	TQ2	B3		08B		
15189		XA522	18		XA520	33						MP016A	02	MP0150	01	2	TQ2	B2		10A		
15196		XA522	19		XA523	38						MP019A	01	MP0180	01	2	TQ2	B3		09B		
15192		XA522	20		XA520	39						MP017A	02	MP0150	01	1	TQ2	B2		11A		
15195		XA522	21									MP0180	02	MP0180	00	1	TQ2	B3		10B	P1213	
15179		XA522	22									MP0120	02	MP0120	00	1	TQ2	B1		12A	P0809	
15207		XA522	23		XA523	29						MP023A	01	MP0210	01	1	TQ2	B4		11B		
15181		XA522	24		XA520	38						MP013A	02	MP0120	01	2	TQ2	B1		13A		
15204		XA522	25		XA523	30						MP022A	01	MP0210	01	2	TQ2	B4		12B		
15184		XA522	26		XA520	30						MP014A	02	MP0120	01	1	TQ2	B1		14A		
15203		XA522	27									MP0210	02	MP0210	00	1	TQ2	B4		13B	P1415	
00659		XA522	28									+5V	01				TQ2					
15232		XA522	29		XA521	14						MP032A	02	MP0300	01	1	TQ2	C3		14B		
CONNECTOR (XA522) CONTINUED ON THE NEXT PAGE ****																						

DRAWING NUMBER 149012-880 CONNECTOR UNIT ASSEMBLY NO. 149012 REV E INDEX XA522
 UNIT ASSEMBLY NAME CARD CAGE ASSY,CPU L.H. FILE IDENT T39B2CP1 DATE 09-03-82 PAGE 389

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	PREFIX	CONNECTOR	PIN	SH. NO.	MULTI GROUP	CODE	COLOR										IDENT	AND		
15219		XA522	30						168	9		MP0270	02	MP0270	00	1	TQ2	C2		15A		P1819	
15229		XA522	31		XA521	22			168	9		MP031A	02	MP0300	01	2	TQ2	C3		15B			
11689		XA522	32									GND	01	GROUND			TQ2			20B			
15227		XA522	33						168	9		MP0300	02	MP0300	00	1	TQ2	C3		16B		P2021	
15224		XA522	34		XA521	15			168	9		MP029A	02	MP0270	01	2	TQ2	C2		16A			
15237		XA522	35		XA521	21			163	9		MP034A	02	MP0330	01	1	TQ2	C4		17B			
15221		XA522	36		XA521	09			168	9		MP028A	02	MP0270	01	1	TQ2	C2		17A			
15240		XA522	37		XA521	27			168	9		MP035A	02	MP0330	01	2	TQ2	C4		18B			
15211		XA522	38						168	9		MP0240	02	MP0240	00	1	TQ2	C1		18A		P1617	
15235		XA522	39						168	9		MP0330	02	MP0330	00	1	TQ2	C4		19B		P2223	
15212		XA522	40		XA523	35			168	9		MP025A	01	MP0240	01	2	TQ2	C1		19A			
15262		XA522	41						168	9		MP043A	03	MP0420	01	1	TQ2	C3		22B			
15215		XA522	42		XA523	33			168	9		MP026A	01	MP0240	01	1	TQ2	C1		20A			
15264		XA522	43		XA521	46			168	9		MP044A	02	MP0420	01	2	TQ2	C3		23B			
11690		XA522	44									GND	01	GROUND			TQ2			21B			
15259		XA522	45						168	9		MP0420	02	MP0420	00	1	TQ2	C3		24B		P2829	
15251		XA522	46						168	9		MP0390	02	MP0390	00	1	TQ2	C2		21A		P2627	
15273		XA522	47						168	9		MP047A	03	MP0450	01	1	TQ2	C4		25B			
15256		XA522	48		XA521	39			168	9		MP041A	02	MP0390	01	2	TQ2	C2		22A			
15269		XA522	49		XA521	45			168	9		MP046A	02	MP0450	01	2	TQ2	C4		26B			
15253		XA522	50		XA521	33			168	9		MP040A	02	MP0390	01	1	TQ2	C2		23A			
15267		XA522	51						168	9		MP0450	02	MP0450	00	1	TQ2	C4		27B		P3031	
15243		XA522	52						168	9		MP0360	02	MP0360	00	1	TQ2	D1		24A		P2425	
15300		XA522	53		XA523	19			168	9		MP107A	02	MP1060	01	1	TQ2	E3		28B			
15245		XA522	54		XA521	38			168	9		MP037A	02	MP0360	01	2	TQ2	D1		29A			
15304		XA522	55		XA523	27			168	9		MP108A	02	MP1060	01	2	TQ2	E3		29B			
15248		XA522	56		XA521	30			168	9		MP038A	02	MP0360	01	1	TQ2	D1		26A			
15297		XA522	57		XA521	62			168	9		MP1060	02	MP1060	00	1	TQ2	E3		30B		P0811*	
11691		XA522	58									GND	01	GROUND			TQ2			27A			
15315		XA522	59		XA523	31			168	9		MP111A	02	MP1090	01	1	TQ2	E4		31B			
15286		XA522	60		XA521	68			168	9		MP1030	02	MP1030	00	1	TQ2	E2		28A		P0407*	
15311		XA522	61		XA523	36			168	9		MP110A	02	MP1090	01	2	TQ2	E4		32B			
15288		XA522	62		XA524	55			168	9		MP104A	01	MP1030	01	2	TQ2	E2		29A			
15308		XA522	63		XA521	64			168	9		MP1090	02	MP1090	00	1	TQ2	E4		33B		P1215*	
15292		XA522	64		XA524	62			168	9		MP105A	01	MP1030	01	1	TQ2	E2		30A			
15345		XA522	65		XA420	72			168	9		MP119A	03	MP1180	01	1	TQ2	F3		34B			
15275		XA522	66		XA521	70			168	9		MP1000	02	MP1000	00	1	TQ2	E1		31A		P0033*	
11692		XA522	67									GND	01	GROUND			TQ2			40A			
15277		XA522	68		XA524	66			168	9		MP101A	01	MP1000	01	2	TQ2	E1		32A			
15341		XA522	69		XA521	59			168	9		MP1180	02	MP1180	00	1	TQ2	F3		35A		P2427*	
15281		XA522	70		XA524	61			168	9		MP102A	01	MP1000	01	1	TQ2	E1		33A			
15332		XA522	71		XA525	55			168	9		MP116A	01	MP1150	01	2	TQ2	F2		36A			
15330		XA522	72		XA521	53			168	9		MP1150	02	MP1150	00	1	TQ2	F2		34A		P2023*	
15336		XA522	73		XA523	51			168	9		MP117A	01	MP1150	01	1	TQ2	F2		36B			
15348		XA522	74		XA523	55			168	9		MP120A	02	MP1180	01	2	TQ2	F3		35B			
15319		XA522	75		XA521	55			168	9		MP1120	02	MP1120	00	1	TQ2	F1		37B		P1619*	
15356		XA522	76		XA420	73			163	9		MP122A	03	MP1210	01	1	TQ2	F4		37A			
15321		XA522	77		XA525	66			168	9		MP113A	01	MP1120	01	2	TQ2	F1		38B			
15360		XA522	78		XA420	71			168	9		MP123A	03	MP1210	01	2	TQ2	F4		38A			
15325		XA522	79		XA525	61			163	9		MP114A	01	MP1120	01	1	TQ2	F1		39B			
CONNECTOR (XA522) CONTINUED ON THE NEXT PAGE ****																							

DRAWING NUMBER 149012-880 CONNECTOR UNIT ASSEMBLY NO. 149012 REV E INDEX XA522
 UNIT ASSEMBLY NAME CARD CAGE ASSY,CPU L.H. FILE IDENT T39B2CP1 DATE 09-03-82 PAGE 390

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	SH TO	PREFIX	CONNECTOR	PIN	SH TO	MULTI GROUP	CODE	COLOR	IDENT													
15352		XA522	80			XA521	61						16B 9		MP1210	02	MP1210	00	1	T02	F4		39A	P2831*	
15146		XA523	01			XA522	06						16B 9		MP0000	01	MP102A	01	2	TT3	A2		02B		
11693		XA523	02												GND	01	GROUND			TT3			01B		
15159		XA523	03			XA522	05						16B 9		MP005A	01	MP102A	01	3	TT3	A2		02A		
15279		XA523	04			XA420	66						16B 9		MP101A	03	MP101A	00	1	TT3	A1		04A		
15156		XA523	05			XA522	04						16B 9		MP004A	01	MP102A	01	1	TT3	A2		03B		
15154		XA523	06			XA522	01						16B 9		MP0030	01	MP101A	01	3	TT3	A1		05A		
15283		XA523	07			XA420	61						16B 9		MP102A	03	MP102A	00	1	TT3	A2		03A		
15151		XA523	08			XA522	08						16B 9		MP002A	01	MP101A	01	2	TT3	A1		06A		
15167		XA523	09			XA522	07						16B 9		MP008A	01	MP104A	01	1	TT3	A3		04B		
15148		XA523	10			XA522	10						16B 9		MP001A	01	MP101A	01	1	TT3	A1		07A		
15165		XA523	11			XA520	22						16B 9		MP007A	02	MP104A	01	2	TT3	A3		05B		
00660		XA523	12												+5V	01				TT3					
15170		XA523	13			XA522	15						16B 9		MP0090	01	MP104A	01	3	TT3	A3		06B		
15186		XA523	14			XA522	14						16B 9		MP0150	01	MP107A	01	2	TT3	B2		09A		
15290		XA523	15			XA420	68						16B 9		MP104A	03	MP104A	00	1	TT3	A3		07B		
11694		XA523	16												GND	01	GROUND			TT3			21B		
15183		XA523	17			XA522	26						16B 9		MP014A	01	MP107A	01	3	TT3	B2		08B		
15180		XA523	18			XA522	24						16B 9		MP013A	01	MP107A	01	1	TT3	B2		10A		
15301		XA523	19			XA420	60						16B 9		MP107A	03	MP107A	00	1	TT3	B2		09B		
15294		XA523	20			XA420	70						16B 9		MP105A	03	MP105A	00	1	TT3	B1		11A		
15188		XA523	21			XA522	18						16B 9		MP016A	01	MP108A	01	1	TT3	B3		10B		
15176		XA523	22			XA520	27						16B 9		MP011A	02	MP105A	01	3	TT3	B1		12A		
15191		XA523	23			XA522	20						16B 9		MP017A	01	MP108A	01	2	TT3	B3		11B		
15172		XA523	24			XA522	13						16B 9		MP010A	01	MP105A	01	2	TT3	B1		13A		
15178		XA523	25			XA522	22						16B 9		MP0120	01	MP108A	01	3	TT3	B3		12B		
15162		XA523	26			XA522	09						16B 9		MP0060	01	MP105A	01	1	TT3	B1		14A		
15305		XA523	27			XA420	62						16B 9		MP108A	03	MP108A	00	1	TT3	B3		13B		
00661		XA523	28												+5V	01				TT3					
15208		XA523	29			XA520	51						16B 9		MP023A	02	MP111A	01	3	TT3	C2		14B		
15205		XA523	30			XA520	45						16B 9		MP022A	02	MP111A	01	2	TT3	C2		15A		
15316		XA523	31			XA420	55						16B 9		MP111A	03	MP111A	00	1	TT3	C2		15B		
11695		XA523	32												GND	01	GROUND			TT3			27A		
15216		XA523	33			XA521	01						16B 9		MP026A	02	MP113A	01	1	TT3	C3		16B		
15194		XA523	34			XA522	21						16B 9		MP0180	01	MP111A	01	1	TT3	C2		16A		
15213		XA523	35			XA521	06						16B 9		MP025A	02	MP113A	01	2	TT3	C3		17B		
15312		XA523	36			XA420	64						16B 9		MP110A	03	MP110A	00	1	TT3	C1		17A		
15218		XA523	37			XA522	30						16B 9		MP0270	01	MP113A	01	3	TT3	C3		18B		
15197		XA523	38			XA520	52						16B 9		MP019A	02	MP110A	01	3	TT3	C1		18A		
15323		XA523	39			XA420	75						16B 9		MP113A	03	MP113A	00	1	TT3	C3		19B		
15200		XA523	40			XA520	46						16B 9		MP020A	02	MP110A	01	2	TT3	C1		19A		
15228		XA523	41			XA522	31						16B 9		MP031A	01	MP116A	01	3	TT3	D2		22B		
15202		XA523	42			XA522	27						16B 9		MP0210	01	MP110A	01	1	TT3	C1		20A		
15334		XA523	43			XA420	77						16B 9		MP116A	03	MP116A	00	1	TT3	D2		23B		
11696		XA523	44												GND	01	GROUND			TT3			40A		
15236		XA523	45			XA522	35						16B 9		MP034A	01	MP117A	01	1	TT3	D3		24B		
15231		XA523	46			XA522	29						16B 9		MP032A	01	MP116A	01	2	TT3	D2		21A		
15239		XA523	47			XA522	37						16B 9		MP035A	01	MP117A	01	2	TT3	D3		25B		
CONNECTOR		XA523	CONTINUED ON THE NEXT PAGE****																						

DRAWING NUMBER 149012-880 CONNECTOR UNIT ASSEMBLY NO. 149012 REV E INDEX XA523
 UNIT ASSEMBLY NAME CARD CAGE ASSY,CPU L.H. FILE IDENT T39B2CP1 DATE 09-03-82 PAGE 391

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	MULTI GROUP	CODE	COLOR	IDENT								AND	OR		
15234		XA523	48		XA522	39			16B	9		MP0330	01	MP116A	01	1	TT3	D2	22A		
15226		XA523	49		XA522	33			16B	9		MP0300	01	MP117A	01	3	TT3	D3	26B		
15327		XA523	50		XA420	78			16B	9		MP114A	03	MP114A	00	1	TT3	D1	23A		
15337		XA523	51		XA525	60			16B	9		MP117A	02	MP117A	00	1	TT3	D3	27B		
15220		XA523	52		XA522	36			16B	9		MP028A	01	MP114A	01	3	TT3	D1	24A		
15252		XA523	53		XA522	50			16B	9		MP040A	01	MP120A	01	3	TT3	E2	28B		
15223		XA523	54		XA522	34			16B	9		MP029A	01	MP114A	01	2	TT3	D1	25A		
15349		XA523	55		XA420	74			16B	9		MP120A	03	MP120A	00	1	TT3	E2	29B		
15210		XA523	56		XA522	38			16B	9		MP0240	01	MP114A	01	1	TT3	D1	26A		
15263		XA523	57		XA522	43			16B	9		MP044A	01	MP122A	01	1	TT3	E3	30B		
11697		XA523	58									GND	01	GROUND			TT3		40B		
15260		XA523	59		XA521	52			16B	9		MP043A	01	MP122A	01	2	TT3	E3	31B		
15255		XA523	60		XA522	48			16B	9		MP041A	01	MP120A	01	2	TT3	E2	28A		
15266		XA523	61		XA522	51			16B	9		MP0450	01	MP122A	01	3	TT3	E3	32B		
15242		XA523	62		XA522	52			16B	9		MP0360	01	MP120A	01	1	TT3	E2	29A		
15355		XA523	63		XA522	76			16B	9		MP122A	02	MP122A	00	1	TT3	E3	33B		
15344		XA523	64		XA522	65			16B	9		MP119A	02	MP119A	00	1	TT3	E1	30A		
13422		XA523	65						16B	9		MC041A	04	MC0400	01	3	TT3	F2	34B		
15244		XA523	66		XA522	54			16B	9		MP037A	01	MP119A	01	3	TT3	E1	31A		
06341		XA523	67									GND		GROUND			TT3				
15247		XA523	68		XA522	56			16B	9		MP038A	01	MP119A	01	2	TT3	E1	32A		
06337		XA523	69		XA521	76			16B	9		CMM0BQ	07	MD015A	01	1	TT3	F3	35A		
15250		XA523	70		XA522	46			16B	9		MP0390	01	MP119A	01	1	TT3	E1	33A		
06330		XA523	71						16B	9		CMM0BP	06	MC0400	01	1	TT3	F2	36A		
15040		XA523	72						16B	9		MK16NA	03	MC0400	01	2	TT3	F2	34A		
15359		XA523	73		XA522	78			16B	9		MP123A	02	MP123A	00	1	TT3	F1	36B		
13417		XA523	74		XA532	50			16B	9		MC0400	01	MC0400	00	1	TT3	F2	35B		
15258		XA523	75		XA522	45			16B	9		MP0420	01	MP123A	01	3	TT3	F1	37B		
06370		XA523	76		XA521	78			16B	9		CMM1BP	03	MD015A	01	2	TT3	F3	37A		
15268		XA523	77		XA522	49			16B	9		MP046A	01	MP123A	01	2	TT3	F1	38B		
13439		XA523	78		XA528	72			16B	9		MC044A	01	MD015A	01	3	TT3	F3	38A		
15271		XA523	79		XA521	51			16B	9		MP047A	01	MP123A	01	1	TT3	F1	39B		
13744		XA523	80		XA418	77			16B	9		MD015A	03	MD015A	00	1	TT3	F3	39A		
15441		XA524	01		XA525	08			16B	9		MP2180	02	MP302A	01	3	T04	A2	02B		
11698		XA524	02									GND	01	GROUND			T04		01A		
10166		XA524	03									DNW	01				T04				
15381		XA524	04		XA525	07			16B	9		MP2030	07	MP302A	01	1	T04	A2	04A		
15402		XA524	05		XA524	08			16B	9		MP2090	02	MP302A	01	2	T04	A2	03B		
15380		XA524	06		XA524	04			16B	9		MP2030	06	MP301A	01	3	T04	A1	05A		
15416		XA524	07		XA524	14			16B	9		MP2120	03	MP302A	01	4	T04	A2	03A		
15403		XA524	08		XA525	10			16B	9		MP2090	03	MP301A	01	2	T04	A1	06A		
15474		XA524	09						16B	9		MP302A	02	MP302A	00	1	T04	A2	04B		
15428		XA524	10		XA524	25			16B	9		MP2150	02	MP301A	01	1	T04	A1	07A		
15472		XA524	11						16B	9		MP301A	02	MP301A	00	1	T04	A1	05B		
00662		XA524	12									+5V	01				T04				
15454		XA524	13		XA524	19			16B	9		MP2210	02	MP301A	01	4	T04	A1	06B		
15417		XA524	14		XA525	34			16B	9		MP2120	04	MP304A	01	3	T04	B2	09A		
10167		XA524	15									DNW	01				T04				
CONNECTOR XA524 CONTINUED ON THE NEXT PAGE ****																					

DRAWING NUMBER 149012-880 CONNECTOR UNIT ASSEMBLY NO. 149012 REV E INDEX XA524
 UNIT ASSEMBLY NAME CARD CAGE ASSY,CPU L.H. FILE IDENT T39B2CP1 DATE 09-03-82 PAGE 392

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	PREFIX	CONNECTOR	PIN	MULTI GROUP	CODE	COLOR	IDENT												
11699		XA524	16									GND	01	GROUND								
10168		XA524	17									DNW	01			T04						
15378		XA524	18		XA525	13		16B	9			MP2030	04	MP304A	01	2	T04	B2		10A		
15455		XA524	19		XA525	25		16B	9			MP2210	03	MP304A	01	4	T04	B2		09B		
15389		XA524	20		XA524	24		16B	9			MP2060	02	MP304A	01	1	T04	B2		11A		
15478		XA524	21					16B	9			MP304A	02	MP304A	00	1	T04	B2		10B		
15377		XA524	22		XA524	18		16B	9			MP2030	03	MP303A	01	3	T04	B1		12A		
15476		XA524	23					16B	9			MP303A	02	MP303A	00	1	T04	B1		11B		
15390		XA524	24		XA525	26		16B	9			MP2060	03	MP303A	01	2	T04	B1		13A		
15429		XA524	25		XA525	24		16B	9			MP2150	03	MP303A	01	4	T04	B1		12B		
15443		XA524	26		XA525	36		16B	9			MP2180	04	MP303A	01	1	T04	B1		14A		
10169		XA524	27									DNW	01									
00663		XA524	28									+5V	01									
10170		XA524	29									DNW	01									
15457		XA524	30		XA525	40		16B	9			MP2210	05	MP306A	01	3	T04	C2		15A		
15419		XA524	31		XA524	43		16B	9			MP2120	06	MP306A	01	4	T04	C2		15B		
11700		XA524	32									GND	01	GROUND								
15482		XA524	33					16B	9			MP306A	02	MP306A	00	1	T04	C2		21B		
15406		XA524	34		XA524	38		16B	9			MP2090	06	MP306A	01	2	T04	C2		16A		
15480		XA524	35					16B	9			MP305A	02	MP305A	00	1	T04	C1		17B		
15363		XA524	36		XA524	42		16B	9			MP2000	02	MP306A	01	1	T04	C2		17A		
15432		XA524	37		XA524	52		16B	9			MP2150	06	MP305A	01	4	T04	C1		18B		
15407		XA524	38		XA525	37		16B	9			MP2090	07	MP305A	01	3	T04	C1		18A		
10171		XA524	39									DNW	01									
15445		XA524	40		XA524	48		16B	9			MP2180	06	MP305A	01	2	T04	C1		19A		
10172		XA524	41									DNW	01									
15364		XA524	42		XA524	46		16B	9			MP2000	03	MP305A	01	1	T04	C1		20A		
15420		XA524	43		XA525	50		16B	9			MP2120	07	MP308A	01	4	T04	D2		23B		
11701		XA524	44									GND	01	GROUND								
15486		XA524	45					16B	9			MP308A	02	MP308A	00	1	T04	D2		27A		
15365		XA524	46		XA525	43		16B	9			MP2000	04	MP308A	01	3	T04	D2		24B		
15484		XA524	47					16B	9			MP307A	02	MP307A	00	1	T04	D1		21A		
15446		XA524	48		XA525	52		16B	9			MP2180	07	MP308A	01	2	T04	D2		25B		
15460		XA524	49		XA520	80		16B	9			MP2210	08	MP307A	01	4	T04	D1		22A		
15393		XA524	50		XA524	54		16B	9			MP2060	06	MP308A	01	1	T04	D2		26B		
10173		XA524	51									DNW	01							23A		
15433		XA524	52		XA525	49		16B	9			MP2150	07	MP307A	01	3	T04	D1		24A		
10174		XA524	53									DNW	01									
15394		XA524	54		XA525	54		16B	9			MP2060	07	MP307A	01	2	T04	D1		25A		
15289		XA524	55		XA523	15		16B	9			MP104A	02	MP205A	01	4	T04	E2		29B		
15369		XA524	56		XA520	66		16B	9			MP2000	08	MP307A	01	1	T04	D1		26A		
15386		XA524	57		XA520	62		16B	9			MP205A	01	MP205A	00	1	T04	E2		30B		
11702		XA524	58									GND	01	GROUND								
15384		XA524	59		XA520	64		16B	9			MP204A	01	MP204A	00	1	T04	E1		40A		
17312		XA524	60					16B	9			SPA111	10	MP205A	01	3	T04	E2		31B		
15282		XA524	61		XA523	07		16B	9			MP102A	02	MP204A	01	4	T04	E1		28A		
15293		XA524	62		XA523	20		16B	9			MP105A	02	MP205A	01	2	T04	E2		32B		
10175		XA524	63									DNW	01							29A		
15274		XA524	64		XA522	66		16B	9			MP1000	01	MP205A	01	1	T04	E2		30A		
10176		XA524	65									DNW	01									
CONNECTOR (XA524) CONTINUED ON THE NEXT PAGE ****																						

DRAWING NUMBER 149012-880 CONNECTOR UNIT ASSEMBLY NO. 149012 REV E INDEX XA524
 UNIT ASSEMBLY NAME CARD CAGE ASSY,CPU L.H. FILE IDENT T39B2CP1 DATE 09-03-82 PAGE 393

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											
15278		XA524	66		XA523	04				16B	9		MP101A	02	MP204A	01	3	TD4	E1		31A		
11703		XA524	67										GND	01	GROUND			TD4			40B		
15285		XA524	68		XA522	60				16B	9		MP1030	01	MP204A	01	2	TD4	E1		32A		
15412		XA524	69		XA520	59				16B	9		MP211A	01	MP211A	00	1	TD4	F2		35A		
17320		XA524	70		XA524	73				16B	9		SPA112	08	MP204A	01	1	TD4	E1		33A		
15296		XA524	71		XA522	57				16B	9		MP1060	01	MP211A	01	2	TD4	F2		36A		
15314		XA524	72		XA522	59				16B	9		MP111A	01	MP211A	01	3	TD4	F2		34A		
17321		XA524	73		XA524	79				16B	9		SPA112	09	MP211A	01	1	TD4	F2		36B		
15310		XA524	74		XA522	61				16B	9		MP110A	01	MP211A	01	4	TD4	F2		35B		
15303		XA524	75		XA522	55				16B	9		MP108A	01	MP210A	01	3	TD4	F1		37B		
15410		XA524	76		XA520	61				16B	9		MP210A	01	MP210A	00	1	TD4	F1		37A		
15307		XA524	77		XA522	63				16B	9		MP1090	01	MP210A	01	2	TD4	F1		38B		
15299		XA524	78		XA522	53				16B	9		MP107A	01	MP210A	01	4	TD4	F1		38A		
17322		XA524	79		XA525	62				16B	9		SPA112	10	MP210A	01	1	TD4	F1		39B		
10177		XA524	80										DNW	01				TD4					
15415		XA525	01		XA524	07				16B	9		MP2120	02	MP311A	01	3	TD4	A2		02B		
11704		XA525	02										GND	01	GROUND			TD4			01A		
10178		XA525	03										DNW	01				TD4					
15453		XA525	04		XA524	13				16B	9		MP2210	01	MP311A	01	1	TD4	A2		04A		
15401		XA525	05		XA524	05				16B	9		MP2090	01	MP311A	01	2	TD4	A2		03B		
15427		XA525	06		XA524	10				16B	9		MP2150	01	MP310A	01	3	TD4	A1		05A		
15382		XA525	07		XA520	60				16B	9		MP2030	08	MP311A	01	4	TD4	A2		03A		
15442		XA525	08		XA524	26				16B	9		MP2180	03	MP310A	01	2	TD4	A1		06A		
15493		XA525	09							16B	9		MP311A	02	MP311A	00	1	TD4	A2		04B		
15404		XA525	10		XA525	31				16B	9		MP2090	04	MP310A	01	1	TD4	A1		07A		
15491		XA525	11							16B	9		MP310A	02	MP310A	00	1	TJ4	A1		05B		
00664		XA525	12										+5V	01				TD4					
15379		XA525	13		XA524	06				16B	9		MP2030	05	MP310A	01	4	TD4	A1		06B		
15059		XA525	14							16B	9		MMAAAA	03	MCO500	01	3	TD4	B2		09A		
10179		XA525	15										DNW	01				TD4					
11705		XA525	16										GND	01	GROUND			TD4			20B		
10180		XA525	17										DNW	01				TD4					
15056		XA525	18							16B	9		MMAAAA	04	MCO500	01	2	TD4	B2		10A		
15043		XA525	19							16B	9		MMAELA	03	MCO500	01	4	TD4	B2		09B		
15079		XA525	20		XA536	40				16B	9		MCL21A	03	MCO500	01	1	TD4	B2		11A	C06	
13467		XA525	21							16B	9		MCO500	04	MCO500	00	1	TD4	B2		10B		
15376		XA525	22		XA524	22				16B	9		MP2030	02	MP312A	01	3	TD4	B1		12A		
15495		XA525	23							16B	9		MP312A	02	MP312A	00	1	TD4	B1		11B		
15430		XA525	24		XA525	38				16B	9		MP2150	04	MP312A	01	2	TD4	B1		13A		
15456		XA525	25		XA524	30				16B	9		MP2210	04	MP312A	01	4	TD4	B1		12B		
15391		XA525	26		XA525	48				16B	9		MP2060	04	MP312A	01	1	TD4	B1		14A		
10181		XA525	27										DNW	01				TD4					
00665		XA525	28										+5V	01				TD4					
10182		XA525	29										DNW	01				TD4					
15362		XA525	30		XA524	36				16B	9		MP2000	01	MP315A	01	3	TD4	C2		15A		
15405		XA525	31		XA524	34				16B	9		MP2090	05	MP315A	01	4	TD4	C2		15B		
11706		XA525	32										GND	01	GROUND			TD4			21B		
15501		XA525	33							16B	9		MP315A	02	MP315A	00	1	TD4	C2		16B		
CONNECTOR		XA525	CONTINUED ON THE NEXT PAGE ****																				

DRAWING NUMBER 149012-880

CONNECTOR

UNIT ASSEMBLY NO. 149012

REV E INDEX XA525

UNIT ASSEMBLY NAME CARD CAGE ASSY,CPU L.H.

FILE IDENT T39B2CP1

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RECORD NUMBER	FROM			S/P	TO			S/P	WIRE				S/P	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		PREFIX	CONNECTOR	PIN		GROUP	CODE	COLOR	IDENT												
15418		XA525	34		XA524	31		16B	9				MP2120	05	MP315A	01 2	T04	C2			16A			
15499		XA525	35					16B	9				MP314A	02	MP314A	00 1	T04	C1			17B			
15444		XA525	36		XA524	40		16B	9				MP2180	05	MP315A	01 1	T04	C2			17A			
15408		XA525	37		XA520	63		16B	9				MP2090	08	MP314A	01 4	T04	C1			18B			
15431		XA525	38		XA524	37		16B	9				MP2150	05	MP314A	01 3	T04	C1			18A			
10183		XA525	39										DNW	01			T04							
15458		XA525	40		XA525	46		16B	9				MP2210	06	MP314A	01 2	T04	C1			19A			
10184		XA525	41										DNW	01			T04							
15367		XA525	42		XA525	56		16B	9				MP2000	06	MP314A	01 1	T04	C1			20A			
15366		XA525	43		XA525	42		16B	9				MP2000	05	MP317A	01 4	T04	D2			23B			
11707		XA525	44										GND	01	GROUND		T04				27A			
15505		XA525	45					16B	9				MP317A	02	MP317A	00 1	T04	D2			24B			
15459		XA525	46		XA524	49		16B	9				MP2210	07	MP317A	01 3	T04	D2			21A			
15503		XA525	47					16B	9				MP316A	02	MP316A	00 1	T04	D1			25B			
15392		XA525	48		XA524	50		16B	9				MP2060	05	MP317A	01 2	T04	D2			22A			
15434		XA525	49		XA520	72		16B	9				MP2150	08	MP316A	01 4	T04	D1			26B			
15421		XA525	50		XA520	75		16B	9				MP2120	08	MP317A	01 1	T04	D2			23A			
10185		XA525	51										DNW	01			T04							
15447		XA525	52		XA520	69		16B	9				MP2180	08	MP316A	01 3	T04	D1			24A			
10186		XA525	53										DNW	01			T04							
15395		XA525	54		XA520	57		16B	9				MP2060	08	MP316A	01 2	T04	D1			25A			
15333		XA525	55		XA523	43		16B	9				MP116A	02	MP217A	01 4	T04	E2			29B			
15368		XA525	56		XA524	56		16B	9				MP2000	07	MP316A	01 1	T04	D1			26A			
15438		XA525	57		XA520	71		16B	9				MP217A	01	MP217A	00 1	T04	E2			30B			
11708		XA525	58										GND	01	GROUND		T04				40A			
15436		XA525	59		XA520	73		16B	9				MP216A	01	MP216A	00 1	T04	E1			31B			
15338		XA525	60		XA420	79		16B	9				MP117A	03	MP217A	01 3	T04	E2			28A			
15326		XA525	61		XA523	50		16B	9				MP114A	02	MP216A	01 4	T04	E1			32B			
17323		XA525	62					16B	9				SPA112	11	MP217A	01 2	T04	E2			29A			
10187		XA525	63										DNW	01			T04							
15318		XA525	64		XA522	75		16B	9				MP1120	01	MP217A	01 1	T04	E2			30A			
10188		XA525	65										DNW	01			T04							
15322		XA525	66		XA523	39		16B	9				MP113A	02	MP216A	01 3	T04	E1			31A			
11709		XA525	67										GND	01	GROUND		T04				40B			
17330		XA525	68		XA525	71		16B	9				SPA113	07	MP216A	01 2	T04	E1			32A			
15464		XA525	69		XA520	76		16B	9				MP223A	01	MP223A	00 1	T04	F2			35A			
15329		XA525	70		XA522	72		16B	9				MP1150	01	MP216A	01 1	T04	E1			33A			
17331		XA525	71		XA525	77		16B	9				SPA113	08	MP223A	01 2	T04	F2			36A			
15354		XA525	72		XA523	63		16B	9				MP122A	01	MP223A	01 3	T04	F2			34A			
15358		XA525	73		XA523	73		16B	9				MP123A	01	MP223A	01 1	T04	F2			36B			
15340		XA525	74		XA522	69		16B	9				MP1180	01	MP223A	01 4	T04	F2			35B			
15343		XA525	75		XA523	64		16B	9				MP119A	01	MP222A	01 3	T04	F1			37B			
15462		XA525	76		XA520	78		16B	9				MP222A	01	MP222A	00 1	T04	F1			37A			
17332		XA525	77		XA526	43		16B	9				SPA113	09	MP222A	01 2	T04	F1			38B			
15347		XA525	78		XA522	74		16B	9				MP120A	01	MP222A	01 4	T04	F1			38A			
15351		XA525	79		XA522	80		16B	9				MP1210	01	MP222A	01 1	T04	F1			39B			
10189		XA525	80										DNW	01			T04							

DRAWING NUMBER 149012-880 CONNECTOR UNIT ASSEMBLY NO. 149012 REV E INDEX XA526
 UNIT ASSEMBLY NAME CARD CAGE ASSY,CPU L.H. FILE IDENT T39B2CP1 DATE 09-03-82 PAGE 395

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	SIZE	MULTI-GROUP	CODE	COLOR												
15477		XA526	01		XA524	21			16B	9		MP304A	01	MP3000	01	6	TS8	A1		02B		
11710		XA526	02									GND	01	GROUND			TS8			01A		
10190		XA526	03									DNW	01				TS8					
15473		XA526	04		XA524	09			16B	9		MP302A	01	MP3000	01	4	TS8	A1		04A		
15475		XA526	05		XA524	23			16B	9		MP303A	01	MP3000	01	5	TS8	A1		03B		
15471		XA526	06		XA524	11			16B	9		MP301A	01	MP3000	01	3	TS8	A1		05A		
15481		XA526	07		XA524	33			16B	9		MP306A	01	MP3000	01	7	TS8	A1		03A		
15485		XA526	08		XA524	45			16B	9		MP308A	01	MP3000	01	2	TS8	A1		06A		
10191		XA526	09									DNW	01				TS8					
15483		XA526	10		XA524	47			16B	9		MP307A	01	MP3000	01	1	TS8	A1		07A		
15467		XA526	11		XA529	36			16B	9		MP3000	02	MP3000	00	1	TS8	A1		05B	PARITY (32 BIT MD	
00666		XA526	12									+5V	01				TS8					
15479		XA526	13		XA524	35			16B	9		MP305A	01	MP3000	01	8	TS8	A1		06B		
15490		XA526	14		XA525	11			16B	9		MP310A	01	MP3090	01	6	TS8	B1		09A		
10192		XA526	15									DNW	01				TS8					
11711		XA526	16									GND	01	GROUND			TS8			21B		
10193		XA526	17									DNW	01				TS8					
15492		XA526	18		XA525	09			16B	9		MP311A	01	MP3090	01	5	TS8	B1		10A		
15494		XA526	19		XA525	23			16B	9		MP312A	01	MP3090	01	7	TS8	B1		09B		
15497		XA526	20						16B	9		MP313A	02	MP3090	01	4	TS8	B1		11A		
10194		XA526	21									DNW	01				TS8					
15502		XA526	22		XA525	47			16B	9		MP316A	01	MP3090	01	3	TS8	B1		12A		
15489		XA526	23						16B	9		MP3090	03	MP3090	00	1	TS8	B1		11B	PARITY* (32 BIT M	
15498		XA526	24		XA525	35			16B	9		MP314A	01	MP3090	01	2	TS8	B1		13A		
15500		XA526	25		XA525	33			16B	9		MP315A	01	MP3090	01	8	TS8	B1		12B		
15504		XA526	26		XA525	45			16B	9		MP317A	01	MP3090	01	1	TS8	B1		14A		
10195		XA526	27									DNW	01				TS8					
00667		XA526	28									+5V	01				TS8					
10196		XA526	29									DNW	01				TS8					
12863		XA526	30		XA421	55			16B	9		MA048Q	01	MC103A	01	6	TS8	C1		15A		
12873		XA526	31		XA422	55			16B	9		MA058Q	01	MC103A	01	7	TS8	C1		15B		
11712		XA526	32									GND	01	GROUND			TS8			27A		
10197		XA526	33									DNW	01				TS8					
12878		XA526	34		XA423	55			16B	9		MA068Q	01	MC103A	01	5	TS8	C1		16A		
13579		XA526	35						16B	9		MC103A	02	MC103A	00	1	TS8	C1		17B		
12843		XA526	36						16B	9		MA028Q	05	MC103A	01	4	TS8	C1		17A		
12898		XA526	37		XA422	78			16B	9		MA098Q	01	MC103A	01	8	TS8	C1		18B		
12883		XA526	38		XA424	55			16B	9		MA078Q	01	MC103A	01	3	TS8	C1		18A		
10198		XA526	39									DNW	01				TS8					
12857		XA526	40						16B	9		MA038Q	05	MC103A	01	2	TS8	C1		19A		
10199		XA526	41									DNW	01				TS8					
12888		XA526	42		XA421	78			16B	9		MA088Q	01	MC103A	01	1	TS8	C1		20A		
17333		XA526	43		XA526	61			16B	9		SPA113	10	MMAAAA	01	7	TS8	D1		23B		
17288		XA526	44									GND		GROUND			TS8			40A		
10200		XA526	45									DNW	01				TS8					
13612		XA526	46						16B	9		MC1090	02	MMAAAA	01	6	TS8	D1		21A		
15058		XA526	47		XA525	14			16B	9		MMAAAA	02	MMAAAA	00	1	TS8	D1		25B		
17337		XA526	48		XA526	79			16B	9		SPA114	03	MMAAAA	01	5	TS8	D1		22A		
17347		XA526	49		XA528	36			16B	9		SPA115	02	MMAAAA	01	8	TS8	D1		26B		
13602		XA526	50		XA528	21			16B	9		MC1070	03	MMAAAA	01	4	TS8	D1		23A		
CONNECTOR (XA526) CONTINUED ON THE NEXT PAGE ***																						

DRAWING NUMBER 149012-880 CONNECTOR UNIT ASSEMBLY NO. 149012 REV E INDEX XA526
 UNIT ASSEMBLY NAME CARD CAGE ASSY,CPU L.H. FILE IDENT T39B2CP1 DATE 09-03-82 PAGE 396

RECORD NUMBER	FROM			TO			WIRE				SIGNAL	SEQ NO	EQUATION	TERM	FACTOR	CKT OR CHIP TYPE	GROUP	LOAD OR POWER PLANE	TEST POINTS AND GR	SIGNAL DESCRIPTION	REC NO
	PREFIX	CONNECTOR	PIN	PREFIX	CONNECTOR	PIN	SIZE	MULTI GROUP	CODE	COLOR											
10201		XA526	51									DNW	01								
13593		XA526	52		XA528	22			16B	9		MC1050	03	MMAPAA	01	3	TS8	D1		24A	
10202		XA526	53									DNW	01								
13582		XA526	54		XA530	22			16B	9		MC1030	03	MMAPAA	01	2	TS8	D1		25A	
13621		XA526	55		XA528	68			16B	9		SPI039	001	MMALLA	01	7	TS8	E1		29B	C06
13574		XA526	56		XA526	64			16B	9		MC1020	06	MMAPAA	01	1	TS8	D1		26A	
10203		XA526	57									DNW	01								
11713		XA526	58									GND	01	GROUND							
15055		XA526	59		XA525	18			16B	9		MMALLA	03	MMALLA	00	1	TS8	E1		31B	
13607		XA526	60		XA528	27			16B	9		MC1080	02	MMALLA	01	6	TS8	E1		28A	
17334		XA526	61						16B	9		SPA113	11	MMALLA	01	8	TS8	E1		32B	
13614		XA526	62		XA528	30			16B	9		MC1100	02	MMALLA	01	5	TS8	E1		29A	
10204		XA526	63									DNW	01								
13575		XA526	64		XA530	72			16B	9		MC1020	07	MMALLA	01	4	TS8	E1		30A	
10205		XA526	65									DNW	01								
13581		XA526	66		XA526	54			16B	9		MC1030	02	MMALLA	01	3	TS8	E1		31A	
11714		XA526	67									GND	01	GROUND							
13592		XA526	68		XA526	52			16B	9		MC1050	02	MMALLA	01	2	TS8	E1		32A	
10206		XA526	69									DNW	01								
13601		XA526	70		XA526	50			16B	9		MC1070	02	MMALLA	01	1	TS8	E1		33A	
13479		XA526	71						16B	9		MC054A	02	MC0610	01	5	TS8	F1		36A	
13489		XA526	72						16B	9		MC059A	02	MC0610	01	6	TS8	F1		34A	
13487		XA526	73						16B	9		MC058A	02	MC0610	01	4	TS8	F1		36B	
13485		XA526	74						16B	9		MC057A	02	MC0610	01	7	TS8	F1		35B	
13491		XA526	75					16B	9			MC060A	02	MC0610	01	3	TS8	F1		37B	
13496		XA526	76					16B	9			MC0610	03	MC0610	00	1	TS8	F1		37A	
13483		XA526	77					16B	9			MC056A	02	MC0610	01	2	TS8	F1		38B	
13481		XA526	78					16B	9			MC055A	02	MC0610	01	8	TS8	F1		38A	
17338		XA526	79		XA528	05			16B	9		SPA114	04	MC0610	01	1	TS8	F1		39B	
10207		XA526	80									DNW	01								
19962		XA527	01									SPP	01								
11715		XA527	02									GND	01	GROUND							
19963		XA527	03									SPP	01								
19964		XA527	04									SPP	01								
19965		XA527	05									SPP	01								
19966		XA527	06									SPP	01								
19967		XA527	07									SPP	01								
19968		XA527	08									SPP	01								
19969		XA527	09									SPP	01								
19970		XA527	10									SPP	01								
19971		XA527	11									SPP	01								
00668		XA527	12									+5V	01								
19972		XA527	13									SPP	01								
19973		XA527	14									SPP	01								
19974		XA527	15									SPP	01								
11716		XA527	16									GND	01	GROUND							
19975		XA527	17									SPP	01								
19976		XA527	18									SPP	01								
CONNECTOR (XA527) CONTINUED ON THE NEXT PAGE ****																					

DRAWING NUMBER 149012-880 CONNECTOR UNIT ASSEMBLY NO. 149012 REV E INDEX XA527
 UNIT ASSEMBLY NAME CARD CAGE ASSY,CPU L.H. FILE IDENT T39B2CP1 DATE 09-03-82 PAGE 398

RECORD NUMBER	FROM				TO				WIRE				SIGNAL	SEQ NO	EQUATION	TERM	FAC	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											
20022		XA527	69										SPP	01									
20023		XA527	70										SPP	01									
20024		XA527	71										SPP	01									
20025		XA527	72										SPP	01									
20026		XA527	73										SPP	01									
20027		XA527	74										SPP	01									
20028		XA527	75										SPP	01									
20029		XA527	76										SPP	01									
20030		XA527	77										SPP	01									
20031		XA527	78										SPP	01									
20032		XA527	79										SPP	01									
20033		XA527	80										SPP	01									
13588		XA528	01							16B	9		MC1030	09	MC1030	00	1	TQ2	A2		02B		
11721		XA528	02									GND	01	GRGUND				TQ2			01A		
17856		XA528	03		XA528	70				16B	9	SPT030	06		01	1	TQ2	A3		02A			
13578		XA528	04		XA526	35				16B	9	MC103A	01	MC1030	01	1	TQ2	A2		04A			
17339		XA528	05		XA528	13				16B	9	SPA114	05	MC1030	01	2	TQ2	A2		03B			
13567		XA528	06		XA521	77				16B	9	MC102A	02	MC102A	00	1	TQ2	A1		05A			
17863		XA528	07		XA534	60				16B	9	SPT031	06		01	2	TQ2	A3		03A			
12761		XA528	08							16B	9	MA00BQ	05	MC102A	01	2	TQ2	A1		06A			
21219		XA528	09									SPO	01		00	1	TQ2	A3		04B			
12829		XA528	10							16B	9	MA01BQ	05	MC102A	01	1	TQ2	A1		07A			
12901		XA528	11		XA423	76				16B	9	MA10BP	02	MC1040	01	1	TQ2	A4		05B			
00670		XA528	12									+5V	01					TQ2					
17340		XA528	13		XA528	19				16B	9	SPA114	06	MC1040	01	2	TQ2	A4		06B			
13599		XA528	14							16B	9	MC1060	02	MC1060	00	1	TQ2	B2		09A			
13590		XA528	15							16B	9	MC1040	02	MC1040	00	1	TQ2	A4		07B			
12916		XA528	16									GND		GRGUND				TQ2		01B			
12913		XA528	17		XA424	78				16B	9	MA11BQ	01	MC1070	01	1	TQ2	B3		08B			
12910		XA528	18		XA424	76				16B	9	MA11BP	03	MC1060	01	2	TQ2	B2		10A			
17341		XA528	19		XA528	20				16B	9	SPA114	07	MC1070	01	2	TQ2	B3		09B			
17342		XA528	20		XA528	25				16B	9	SPA114	08	MC1060	01	1	TQ2	B2		11A			
13603		XA528	21		XA530	14				16B	9	MC1070	04	MC1070	00	1	TQ2	B3		10B			
13594		XA528	22		XA530	19				16B	9	MC1050	04	MC1050	00	1	TQ2	B1		12A			
12924		XA528	23		XA515	40				16B	9	MA12BP	06	MC1080	01	1	TQ2	B4		11B			
12904		XA528	24		XA423	78				16B	9	MA10BQ	01	MC1050	01	2	TQ2	B1		13A			
17343		XA528	25		XA528	26				16B	9	SPA114	09	MC1080	01	2	TQ2	B4		12B			
17344		XA528	26		XA528	31				16B	9	SPA114	10	MC1050	01	1	TQ2	B1		14A			
13608		XA528	27		XA530	18				16B	9	MC1080	03	MC1080	00	1	TQ2	B4		13B			
00671		XA528	28									+5V	01					TQ2					
12947		XA528	29							16B	9	MA13BQ	04	MC1110	01	1	TQ2	C3		14B			
13615		XA528	30							16B	9	MC1100	03	MC1100	00	1	TQ2	C2		15A			
17345		XA528	31		XA512	70				16B	9	SPA114	11	MC1110	01	2	TQ2	C3		15B			
11722		XA528	32									GND	01	GRGUND				TQ2		20B			
13618		XA528	33							16B	9	MC1110	03	MC1110	00	1	TQ2	C3		16B			
12939		XA528	34		XA422	69				16B	9	MA13BP	03	MC1100	01	2	TQ2	C2		16A			
12952		XA528	35		XA425	79				16B	9	MA14BP	03	MC1120	01	1	TQ2	C4		17B			
17348		XA528	36		XA528	37				16B	9	SPA115	03	MC1100	01	1	TQ2	C2		17A			
CONNECTOR		XA528	CONTINUED ON THE NEXT PAGE ****																				

DRAWING NUMBER 149012-880 CONNECTOR UNIT ASSEMBLY NO. 149012 REV E INDEX XA528
 UNIT ASSEMBLY NAME CARD CAGE ASSY,CPU L.H. FILE IDENT T39B2CP1 DATE 09-03-82 PAGE 399

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	PIN	PIN	MULTI GROUP	CODE	COLOR	IDENT												
17349		XA528	37		XA528	42		16B	9		SPA115	04	MC1120	01	2	TQ2	C4		18B		
13611		XA528	38		XA528	46		16B	9		MC1090	01	MC1090	00	1	TQ2	C1		18A		
13620		XA528	39					16B	9		MC1120	02	MC1120	00	1	TQ2	C4		19B	C06	
12926		XA528	40		XA421	74		16B	9		MA12BQ	01	MC1090	01	2	TQ2	C1		19A		
15061		XA528	41		XA529	09		16B	9		MMAPCA	02	MMAPCO	01	1	TQ2	D3		22B		
17350		XA528	42		XA528	43		16B	9		SPA115	05	MC1090	01	1	TQ2	C1		20A		
17351		XA528	43		XA528	50		16B	9		SPA115	06	MMAPCO	01	2	TQ2	D3		23B		
11723		XA528	44								GND	01	GROUND			TQ2			21B		
15068		XA528	45					16B	9		MMAPCO	02	MMAPCO	00	1	TQ2	D3		24B		
15052		XA528	46					16B	9		MMAGRO	02	MMAGRO	00	1	TQ2	D2		21A		
15057		XA528	47		XA526	47		16B	9		MMAQRA	01	MMAQAO	01	1	TQ2	D4		25B		
15045		XA528	48		XA529	11		16B	9		MMAGRA	02	MMAGRO	01	2	TQ2	D2		22A		
17900		XA528	49		XA533	65		16B	9		SPI036	02	MMAQAO	01	2	TQ2	D4		26B		
17352		XA528	50		XA528	55		16B	9		SPA115	07	MMAGRO	01	1	TQ2	D2		23A		
21220		XA528	51							M	MMAQAO	01	MMAQAO	00	1	TQ2	D4		27B		
13623		XA528	52		XA530	26		16B	9		MC1130	02	MC1130	00	1	TQ2	D1		24A		
15070		XA528	53		XA530	11		16B	9		MMAQRA	02	MMAQRO	01	1	TQ2	E3		28B		
12960		XA528	54					16B	9		MA14BQ	04	MC1130	01	2	TQ2	D1		25A		
17353		XA528	55		XA528	56		16B	9		SPA115	08	MMAQRO	01	2	TQ2	E3		29B		
17354		XA528	56		XA528	64		16B	9		SPA115	09	MC1130	01	1	TQ2	D1		26A		
15077		XA528	57					16B	9		MMAQRO	02	MMAQRO	00	1	TQ2	E3		30B		
11724		XA528	58								GND	01	GROUND			TQ2			27A		
15041		XA528	59		XA530	23		16B	9		MMAELA	01	MMAELO	01	1	TQ2	E4		31B		
15088		XA528	60		XA531	23		16B	9		MMAQTO	02	MMAQTO	00	1	TQ2	E2		28A		
17907		XA528	61		XA532	18		16B	9		SPI037	02	MMAELO	01	2	TQ2	E4		32B		
15080		XA528	62		XA530	76		16B	9		MMAQTA	03	MMAQTO	01	2	TQ2	E2		29A		
21221		XA528	63							M	MMAELO	01	MMAELO	00	1	TQ2	E4		33B		
17355		XA528	64		XA528	74		16B	9		SPA115	10	MMAQTO	01	1	TQ2	E2		30A		
13459		XA528	65					16B	9		MC0460	02	MC046A	01	1	TQ2	F3		34B		
21222		XA528	66								SPO	01		00	1	TQ2	E1		31A	C06	
22745		XA528	67								GND		GROUND			TQ2			40A		
15054		XA528	68		XA532	73		16B	9		SPI039	002		01	2	TQ2	E1		32A	C06	
13457		XA528	69					16B	9		MC046A	08	MC046A	00	1	TQ2	F3		35A		
17857		XA528	70		XA532	42		16B	9		SPI030	07	MMALLJ	01	1	TQ2	E1		33A		
15036		XA528	71		XA512	75		16B	9		MK16BQ	04	MC044A	01	2	TQ2	F2		36A		
13440		XA528	72		XA530	30		16B	9		MC044A	02	MC044A	00	1	TQ2	F2		34A		
21181		XA528	73		XA536	26		16B	9		YSN2TB	04	MC044A	01	1	TQ2	F2		36B		
17356		XA528	74					16B	9		SPA115	11	MC046A	01	2	TQ2	F3		35B		
13431		XA528	75		XA530	61		16B	9		MC0430	01	MC0430	00	1	TQ2	F1		37B		
21180		XA528	76		XA528	73		16B	9		YSN2TB	03	MK16NA	01	1	TQ2	F4		37A		
13421		XA528	77		XA523	65		16B	9		MC041A	03	MC0430	01	2	TQ2	F1		38B		
17358		XA528	78		XA529	10		16B	9		SPA116	02	MK16NA	01	2	TQ2	F4		38A		
06329		XA528	79		XA523	71		16B	9		CMM0BP	05	MC0430	01	1	TQ2	F1		39B		
15039		XA528	80		XA523	72		16B	9		MK16NA	02	MK16NA	00	1	TQ2	F4		39A		
13597		XA529	01					16B	9		MC1050	07	MMAQCA	01	3	TD4	A2		02B		
11725		XA529	02								GND		GROUND			TD4			01A		
10208		XA529	03								DNW	01				TD4					
13572		XA529	04		XA530	20		16B	9		MC1020	04	MMAQCA	01	1	TD4	A2		04A		
CONNECTOR (XA529) CCNTINUED CN THE NEXT PAGE ****																					

DRAWING NUMBER 149012-880 CONNECTOR UNIT ASSEMBLY NO. 149012 REV E INDEX XA529
 UNIT ASSEMBLY NAME CARD CAGE ASSY,CPU L.H. FILE IDENT T39B2CP1 DATE 09-03-82 PAGE 400

RECORD NUMBER	FROM				TO				WIRE				SIGNAL	SEQ NO	EQUATION	TERMIN	FACTOR	CKT OR CHIP TYPE	GROUP	LOAD OR POWER PLANE	TEST POINTS ANCL OR	SIGNAL DESCRIPTION	ECO NO
	PREFIX	CONNECTOR	PIN	DR	PREFIX	CONNECTOR	PIN	DR	MULTI GROUP	CODE	COLOR	IDENT											
13598		XA529	05			XA528	14			16B	9		MC1060	01	MMAPCA	01	2	TD4	A2		03B		
13571		XA529	06			XA529	04			16B	9		MC1020	03	MMAGRA	01	3	TD4	A1		05A		
13587		XA529	07			XA528	01			16B	9		MC1030	08	MMAPCA	01	4	TD4	A2		03A		
13586		XA529	08			XA529	07			16B	9		MC1030	07	MMAGRA	01	2	TD4	A1		06A		
15062		XA529	09							16B	9		MMAPCA	03	MMAPCA	00	1	TD4	A2		04B		
17359		XA529	10			XA529	24			16B	9		SPA116	03	MMAGRA	01	1	TD4	A1		07A		
15046		XA529	11							16B	9		MMAGRA	03	MMAGRA	00	1	TD4	A1		05B		
00672		XA529	12										+5V	01				TD4					
13589		XA529	13			XA528	15			16B	9		MC1040	01	MMAGRA	01	4	TD4	A1		06B		
15414		XA529	14			XA525	01			16B	9		MP2120	01	MP313A	01	3	TD4	B2		09A		
10209		XA529	15										DNW	01				TD4					
11726		XA529	16										GND	01	GRGUND			TD4				20B	
10210		XA529	17										DNW	01				TD4					
15375		XA529	18			XA525	22			16B	9		MP2030	01	MP313A	01	2	TD4	B2		10A		
15440		XA529	19			XA524	01			16B	9		MP2180	01	MP313A	01	4	TD4	B2		09B		
15388		XA529	20			XA524	20			16B	9		MP2060	01	MP313A	01	1	TD4	B2		11A		
15496		XA529	21			XA526	20			16B	9		MP313A	01	MP313A	00	1	TD4	B2		10B		
13449		XA529	22							16B	9		MC045A	02	MC0460	01	3	TD4	B1		12A		
13458		XA529	23			XA528	65			16B	9		MC0460	01	MC0460	00	1	TD4	B1		11B		
17360		XA529	24			XA529	71			16B	9		SPA116	04	MC0460	01	2	TD4	B1		13A		
10406		XA529	25							16B	9		FS0TRP	02	MC0460	01	4	TD4	B1		12B		
12695		XA529	26							16B	9		J4RESB	03	MC0460	01	1	TD4	B1		14A		
10211		XA529	27										DNW	01				TD4					
00673		XA529	28										+5V	01				TD4					
10212		XA529	29										DNW	01				TD4					
06390		XA529	30			XA531	40			16B	9		CMM2BQ	03	MP408A	01	3	TD4	C2		15A		
15107		XA529	31			XA531	42			16B	9		MM0Q0	03	MP408A	01	4	TD4	C2		15B		
22746		XA529	32										GND		GRGUND			TD4				21B	
15540		XA529	33							16B	9		MP408A	02	MP408A	00	1	TD4	C2		16B		
06374		XA529	34			XA531	17			16B	9		CMM1BQ	03	MP408A	01	2	TD4	C2		16A		
13517		XA529	35							16B	9		MC069A	02	MC069A	00	1	TD4	C1		17B		
15468		XA529	36			XA531	48			16B	9		MP3000	03	MP408A	01	1	TD4	C2		17A		
13540		XA529	37							16B	9		MC0750	05	MC069A	01	4	TD4	C1		18B		
13466		XA529	38			XA525	21			16B	9		MC0500	03	MC069A	01	3	TD4	C1		18A		
10213		XA529	39										DNW	01				TD4					
13473		XA529	40							16B	9		MC0520	03	MC069A	01	2	TD4	C1		19A		
10214		XA529	41										DNW	01				TD4					
06726		XA529	42			XA534	56			16B	9		CQM070	02	MC069A	01	1	TD4	C1		20A		
06402		XA529	43			XA411	19			16B	9		CMM3BQ	01	MD282A	01	4	TD4	D2		23B		
22747		XA529	44										GND		GRGUND			TD4				27A	
14885		XA529	45			XA433	74			16B	9		MD282A	01	MD282A	00	1	TD4	D2		24B		
13548		XA529	46							16B	9		MC0860	02	MD282A	01	3	TD4	D2		21A		
15126		XA529	47							16B	9		MMTOTA	02	MMTOTA	00	1	TD4	D1		25B		
15008		XA529	48			XA529	60			16B	9		MK10BQ	03	MD282A	01	2	TD4	D2		22A		
14966		XA529	49							16B	9		MK03BQ	03	MMTOTA	01	4	TD4	D1		26B		
06335		XA529	50			XA531	11			16B	9		CMM0BQ	05	MD282A	01	1	TD4	D2		23A		
10215		XA529	51										DNW	01				TD4					
14959		XA529	52							16B	9		MK02BQ	03	MMTOTA	01	3	TD4	D1		24A		
10216		XA529	53										DNW	01				TD4					
14978		XA529	54							16B	9		MK05BQ	03	MMTOTA	01	2	TD4	D1		25A		
CONNECTOR (XA529) CONTINUED ON THE NEXT PAGE ****																							

DRAWING NUMBER 149012-880 CONNECTOR UNIT ASSEMBLY NO. 149012 REV E INDEX XA529
 UNIT ASSEMBLY NAME CARD CAGE ASSY,CPU L.H. FILE IDENT T39B2CP1 DATE 09-03-82 PAGE 401

RECORD NUMBER	FROM			TO			WIRE			SPEC INST	SIGNAL	SEQ NO	EQUATION	TERMIN	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												
06327		XA529	55		XA536	23			16B	9									29B		
14973		XA529	56						16B	9									26A		
14848		XA529	57		XA433	73			16B	9								30B			
06340		XA529	58																40A		
13001		XA529	59						16B	9									31B		
15009		XA529	60		XA529	61			16B	9									28A		
15010		XA529	61		XA412	78			16B	9									32B		
06373		XA529	62		XA529	34			16B	9									29A		
10217		XA529	63																		
06386		XA529	64		XA411	23			16B	9									30A		
10218		XA529	65																		
06334		XA529	66		XA529	50			16B	9									31A		
17292		XA529	67																40B		
13559		XA529	68		XA521	65			16B	9									32A		
14771		XA529	69		XA519	76			16B	9									35A		
13561		XA529	70		XA521	74			16B	9									33A		
17361		XA529	71		XA529	79			16B	9									36A		
14761		XA529	72						16B	9									34A		
17369		XA529	73		XA536	50			16B	9									36B		
17380		XA529	74		XA530	34			16B	9									35B		
06372		XA529	75		XA529	62			16B	9									37B		
13420		XA529	76		XA528	77			16B	9									37A		
06385		XA529	77		XA529	64			16B	9									38B		
06328		XA529	78		XA528	79			16B	9									38A		
17362		XA529	79		XA530	01			16B	9									39B		
10219		XA529	80																		
17363		XA530	01		XA530	24			16B	9									02B		
11727		XA530	02																01A		
10220		XA530	03																		
13570		XA530	04		XA529	06			16B	9									04A		
13585		XA530	05		XA529	08			16B	9									03B		
13616		XA530	06		XA530	25			16B	9									05A		
13619		XA530	07		XA528	39			16B	9									03A		
13610		XA530	08						16B	9									06A		
10221		XA530	09																		
13605		XA530	10						16B	9									07A		
15071		XA530	11						16B	9									05B		
00674		XA530	12																		
13596		XA530	13		XA529	01			16B	9									06B		
13604		XA530	14		XA530	10			16B	9									09A		
10222		XA530	15																		
11728		XA530	16																		
10223		XA530	17																		
13609		XA530	18		XA530	08			16B	9									10A		
13595		XA530	19		XA530	13			16B	9									09B		
13573		XA530	20		XA526	56			16B	9									11A		
10224		XA530	21																		
13583		XA530	22		XA531	05			16B	9									12A		
CONNECTOR (XA530) CONTINUED ON THE NEXT PAGE ****																					

DRAWING NUMBER 149012-880 CONNECTOR UNIT ASSEMBLY NO. 149012 REV E INDEX XA530
 UNIT ASSEMBLY NAME CARD CAGE ASSY,CPU L.H. FILE IDENT T39B2CP1 DATE 09-03-82 PAGE 402

RECORD NUMBER	FROM			SH TO	TO			SH 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												
15042		XA530	23		XA525	19			16B	9			MMAELA	02	MMAELA	00	1	TS8	B1		11B			
17364		XA530	24		XA530	79			16B	9			SPA116	08	MMAELA	01	2	TS8	B1			13A		
13617		XA530	25		XA528	33			16B	9			MC1110	02	MMAELA	01	8	TS8	B1			12B		
13624		XA530	26						16B	9			MC1130	03	MMAELA	01	1	TS8	B1			14A		
10225		XA530	27										DNW	01				TS8						
00675		XA530	28										+5V	01				TS8						
10226		XA530	29										DNW	01				TS8						
13441		XA530	30		XA530	50			16B	9			MC044A	03	MC054A	01	6	TS8	C1			15A		
17370		XA530	31		XA531	01			16B	9			SPA117	03	MC054A	01	7	TS8	C1			15B		
11729		XA530	32										GND	01	GROUND			TS8				27A		
10227		XA530	33										DNW	01				TS8						
17381		XA530	34		XA532	51			16B	9			SPA118	03	MC054A	01	5	TS8	C1			16A		
13478		XA530	35		XA526	71			16B	9			MC054A	01	MC054A	00	1	TS8	C1			17B		
13434		XA530	36		XA534	50			16B	9			MC0430	04	MC054A	01	4	TS8	C1			17A		
06687		XA530	37		XA536	18			16B	9			CQH000	02	MC054A	01	8	TS8	C1			18B		
13530		XA530	38		XA530	46			16B	9			MC074A	05	MC054A	01	3	TS8	C1			18A		
10228		XA530	39										DNW	01				TS8						
13454		XA530	40		XA530	54			16B	9			MC046A	05	MC054A	01	2	TS8	C1			19A		
10229		XA530	41										DNW	01				TS8						
13428		XA530	42		XA530	56			16B	9			MC0420	06	MC054A	01	1	TS8	C1			20A		
06693		XA530	43						16B	9			CQH010	03	MC055A	01	7	TS8	D1			23B		
11730		XA530	44										GND	01	GROUND			TS8				40A		
10230		XA530	45										DNW	01				TS8						
13531		XA530	46		XA531	51			16B	9			MC074A	06	MC055A	01	6	TS8	D1			21A		
13480		XA530	47		XA526	78			16B	9			MC055A	01	MC055A	00	1	TS8	D1			25B		
12992		XA530	48		XA430	06			16B	9			MB00XV	02	MC055A	01	5	TS8	D1			22A		
13433		XA530	49		XA530	36			16B	9			MC0430	03	MC055A	01	8	TS8	D1			26B		
13442		XA530	50		XA530	70			16B	9			MC044A	04	MC055A	01	4	TS8	D1			23A		
10231		XA530	51										DNW	01				TS8						
15093		XA530	52		XA530	60			16B	9			MMA SPA	03	MC055A	01	3	TS8	D1			24A		
10232		XA530	53										DNW	01				TS8						
13455		XA530	54		XA530	55			16B	9			MC046A	06	MC055A	01	2	TS8	D1			25A		
13456		XA530	55		XA528	69			16B	9			MC046A	07	MC056A	01	7	TS8	E1			29B		
13429		XA530	56		XA530	62			16B	9			MC0420	07	MC055A	01	1	TS8	D1			26A		
10233		XA530	57										DNW	01				TS8						
17848		XA530	58										GND		GROUND			TS8						
13482		XA530	59		XA526	77			16B	9			MC056A	01	MC056A	00	1	TS8	E1			31B		
15094		XA530	60		XA534	61			16B	9			MMA SPA	04	MC056A	01	6	TS8	E1			28A		
13432		XA530	61		XA530	49			16B	9			MC0430	02	MC056A	01	8	TS8	E1			32B		
13430		XA530	62						16B	9			MC0420	08	MC056A	01	5	TS8	E1			29A		
10234		XA530	63										DNW	01				TS8						
13460		XA530	64		XA434	69			16B	9			MC0470	01	MC056A	01	4	TS8	E1			30A		
10235		XA530	65										DNW	01				TS8						
13533		XA530	66						16B	9			MC074A	08	MC056A	01	3	TS8	E1			31A		
11731		XA530	67										GND	01	GROUND			TS8						
13463		XA530	68						16B	9			MC0480	02	MC056A	01	2	TS8	E1			32A		
10236		XA530	69										DNW	01				TS8						
13443		XA530	70		XA534	01			16B	9			MC044A	05	MC056A	01	1	TS8	E1			33A		
13591		XA530	71		XA526	68			16B	9			MC1050	01	MMAQTA	01	5	TS8	F1			36A		
13576		XA530	72		XA521	75			16B	9			MC1020	08	MMAQTA	01	6	TS8	F1			34A		
CONNECTOR (XA530) CONTINUED ON THE NEXT PAGE ****																								

DRAWING NUMBER 149012-880 CONNECTOR UNIT ASSEMBLY NO. 149012 REV E INDEX XA530
 UNIT ASSEMBLY NAME CARD CAGE ASSY,CPU L.H. FILE IDENT T39B2CP1 DATE 09-03-82 PAGE 403

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	SYMBOL	PREFIX	CONNECTOR	PIN	SYMBOL	MULTI GROUP	CODE	COLOR	IDENT												
13606		XA530	73		XA526	60			16B	9			MC1080	01	MMAQTA	01	4	TS8	F1		36B			
13580		XA530	74		XA526	66			16B	9			MC1030	01	MMAQTA	01	7	TS8	F1		35B			
13613		XA530	75		XA526	62			16B	9			MC1100	01	MMAQTA	01	3	TS8	F1		37B			
15081		XA530	76										MMAQTA	04	MMAQTA	00	1	TS8	F1		37A		C36	
13622		XA530	77		XA528	52			16B	9			MC1130	01	MMAQTA	01	2	TS8	F1		38B			
13600		XA530	78		XA526	70			16B	9			MC1070	01	MMAQTA	01	8	TS8	F1		38A			
17365		XA530	79		XA532	34			16B	9			SPA116	09	MMAQTA	01	1	TS8	F1		39B			
10237		XA530	80										DNW	01				TS8						
17371		XA531	01		XA531	65			16B	9			SPA117	04	MMAQTA	01	2	TT3	A2		02B			
22748		XA531	02										GND					TT3			01B			
13569		XA531	03		XA530	04			16B	9			MC1020	01	MMAQTA	01	3	TT3	A2		02A			
13423		XA531	04		XA534	10			16B	9			MC0420	01	MMAQTA	00	1	TT3	A1		04A			
13584		XA531	05		XA530	05			16B	9			MC1030	05	MMAQTA	01	1	TT3	A2		03B			
16116		XA531	06						16B	9			PL09BQ	02	MMAQTA	01	3	TT3	A1		05A			
15091		XA531	07		XA534	22			16B	9			MMAQTA	01	MMAQTA	00	1	TT3	A2		03A			
13566		XA531	08		XA528	06			16B	9			MC102A	01	MMAQTA	01	2	TT3	A1		06A			
15035		XA531	09		XA528	71			16B	9			MK16BQ	03	MMAQTA	01	1	TT3	A3		04B			
13419		XA531	10		XA529	76			16B	9			MC041A	01	MMAQTA	01	1	TT3	A1		07A			
06336		XA531	11		XA523	69			16B	9			CMM08Q	06	MMAQTA	01	2	TT3	A3		05B			
00676		XA531	12										+5V	01				TT3						
06376		XA531	13		XA519	03			16B	9			CMM18Q	05	MMAQTA	01	3	TT3	A3		06B			
15106		XA531	14		XA529	31			16B	9			MM00Q0	02	MMAQTA	01	2	TT3	B2		09A			
13448		XA531	15		XA529	22			16B	9			MC045A	01	MMAQTA	00	1	TT3	A3		07B			
11733		XA531	16										GND	01				TT3			21B			
06375		XA531	17		XA531	13			16B	9			CMM18Q	04	MMAQTA	01	3	TT3	B2		08B			
06389		XA531	18		XA529	30			16B	9			CMM28Q	02	MMAQTA	01	1	TT3	B2		10A			
13509		XA531	19						16B	9			MC065A	02	MMAQTA	00	1	TT3	B2		09B			
13470		XA531	20						16B	9			MC0510	03	MMAQTA	00	1	TT3	B1		11A			
13539		XA531	21		XA529	37			16B	9			MC0750	04	MMAQTA	01	1	TT3	B3		10B			
06720		XA531	22						16B	9			CQM07A	02	MMAQTA	01	3	TT3	B1		12A			
15089		XA531	23		XA534	34			16B	9			MMAQTA	03	MMAQTA	01	2	TT3	B3		11B			
06711		XA531	24						16B	9			CQM05A	02	MMAQTA	01	2	TT3	B1		13A			
06717		XA531	25		XA534	30			16B	9			CQM050	02	MMAQTA	01	3	TT3	B3		12B			
06707		XA531	26						16B	9			CQM04A	02	MMAQTA	01	1	TT3	B1		14A			
13515		XA531	27						16B	9			MC068A	02	MMAQTA	00	1	TT3	B3		13B			
00677		XA531	28										+5V	01				TT3						
15539		XA531	29		XA529	33			16B	9			MP408A	01	MMAQTA	01	3	TT3	C2		14B			
15538		XA531	30						16B	9			MP407A	02	MMAQTA	01	2	TT3	C2		15A			
15543		XA531	31		XA507	11			16B	9			MP4090	01	MMAQTA	00	1	TT3	C2		15B			
22749		XA531	32										GND					TT3			27A			
06527		XA531	33		XA425	76			16B	9			CMN28P	01	MMAQTA	01	1	TT3	C3		16B			
15536		XA531	34						16B	9			MP406A	02	MMAQTA	01	1	TT3	C2		16A			
06506		XA531	35		XA435	78			16B	9			CMN08Q	02	MMAQTA	01	2	TT3	C3		17B			
13535		XA531	36						16B	9			MC075A	02	MMAQTA	00	1	TT3	C1		17A			
06516		XA531	37		XA411	76			16B	9			CMN18P	03	MMAQTA	01	3	TT3	C3		18B			
06369		XA531	38		XA523	76			16B	9			CMN18P	02	MMAQTA	01	3	TT3	C1		18A			
15527		XA531	39						16B	9			MP403A	02	MMAQTA	00	1	TT3	C3		19B			
06391		XA531	40		XA535	70			16B	9			CMN28Q	04	MMAQTA	01	2	TT3	C1		19A			
CONNECTOR (XA531) CONTINUED ON THE NEXT PAGE ****																								

DRAWING NUMBER 149012-880 CONNECTOR UNIT ASSEMBLY NO. 149012 REV E INDEX XA531
 UNIT ASSEMBLY NAME CARD CAGE ASSY,CPU L.H. FILE IDENT T39B2CP1 DATE 09-03-82 PAGE 404

RECORD NUMBER	FROM				TO				WIRE				SIGNAL	SEQ NO	EQUATION	TERM	FAC	CT 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											
15530		XA531	41							16B	9		MP4030	03	MP400A	01	3	TT3	02		22B		
15108		XA531	42		XA534	74				16B	9		MMM0Q0	04	MC075A	01	1	TT3	C1		20A		
15507		XA531	43		XA420	56				16B	9		MP400A	02	MP400A	00	1	TT3	02		23B		
11734		XA531	44										GND	01	GRCUND			TT3			40A		
15130		XA531	45		XA536	01				16B	9		MMT0T0	02	MC074A	01	1	TT3	03		24B		
15019		XA531	46							16B	9		MK11BQ	03	MP400A	01	2	TT3	02		21A		
13525		XA531	47							16B	9		MC0730	02	MC074A	01	2	TT3	03		25B		
15469		XA531	48		XA535	76				16B	9		MP3000	04	MP400A	01	1	TT3	02		22A		
14952		XA531	49							16B	9		MK01BQ	03	MC074A	01	3	TT3	03		26B		
15517		XA531	50		XA420	54				16B	9		4P401A	02	MP401A	00	1	TT3	01		23A		
13532		XA531	51		XA530	66				16B	9		MC074A	07	MC074A	00	1	TT3	03		27B		
15488		XA531	52		XA526	23				16B	9		MP3090	02	MP401A	01	3	TT3	01		24A		
06411		XA531	53		XA411	37				16B	9		CM44BQ	02	MC095A	01	3	TT3	E2		29B		
15015		XA531	54		XA533	35				16B	9		MK11BP	03	MP401A	01	2	TT3	01		25A		
13560		XA531	55		XA529	70				16B	9		MC095A	01	MC095A	00	1	TT3	E2		29B		
15529		XA531	56		XA531	41				16B	9		MP4030	02	MP401A	01	1	TT3	01		26A		
06515		XA531	57		XA531	37				16B	9		CMN1BP	02	MC100A	01	1	TT3	E3		30B		
06408		XA531	58										GND		GRCUND			TT3			40B		
06532		XA531	59		XA435	76				16B	9		CMN2BQ	02	MC100A	01	2	TT3	E3		31B		
15104		XA531	60							16B	9		MMASPO	03	MC095A	01	2	TT3	E2		28A		
06505		XA531	61		XA531	35				16B	9		CMN3BQ	01	MC100A	01	3	TT3	E3		32B		
06735		XA531	62		XA531	66				16B	9		CQ4080	02	MC095A	01	1	TT3	E2		29A		
13563		XA531	63							16B	9		MC100A	02	MC100A	00	1	TT3	E3		33B		
13546		XA531	64							16B	9		MC085A	02	MC085A	00	1	TT3	E1		30A		
17372		XA531	65		XA531	78				16B	9		SPA117	05	MC0870	01	3	TT3	E2		34B		
06736		XA531	66		XA536	19				16B	9		CQM080	03	MC085A	01	3	TT3	E1		31A		
22750		XA531	67										GND		GRCUND			TT3					
17537		XA531	68		XA534	62				16B	9		SPA133	02	MC085A	01	2	TT3	E1		32A		
05790		XA531	69		XA535	77				16B	9		CLOCMB	17	MK09NA	01	1	TT3	F3		35A		
13557		XA531	70							16B	9		MC0930	02	MC085A	01	1	TT3	E1		33A		
12802		XA531	71							16B	9		MA005A	04	MC0870	01	1	TT3	F2		36A		
14847		XA531	72		XA529	57				16B	9		MD279A	02	MC0870	01	2	TT3	F2		34A		
15003		XA531	73							16B	9		MK091A	03	MK091A	00	1	TT3	F1		36B		
13552		XA531	74		XA507	31				16B	9		MC0870	02	MC0870	00	1	TT3	F2		35B		
06514		XA531	75		XA531	57				16B	9		CMN1BP	01	MK091A	01	3	TT3	F1		37B		
13565		XA531	76							16B	9		MC1010	02	MK09NA	01	2	TT3	F3		37A		
06531		XA531	77		XA531	59				16B	9		CMN2BQ	01	MK091A	01	2	TT3	F1		38B		
17373		XA531	78		XA532	03				16B	9		SPA117	06	MK09NA	01	3	TT3	F3		38A		
06501		XA531	79		XA435	65				16B	9		CMN0BP	01	MK091A	01	1	TT3	F1		39B		
15005		XA531	80							16B	9		MK09NA	02	MK09NA	00	1	TT3	F3		39A		
14956		XA532	01							16B	9		MK02BP	02	MK038N	01	1	TDD	BN		02B		
11735		XA532	02										GND	01	GROUND			TDD			01B		
17374		XA532	03		XA532	15				16B	9		SPA117	07	MK0380	01	1	TDD	BQ		02A		
13504		XA532	04		XA532	06				16B	9		MC0640	04	MK038P	01	1	TDD	BP		04A		
14968		XA532	05							16B	9		MK0310	02	MK038I	01	1	TDD	BI		03B		
13505		XA532	06		XA533	06				16B	9		MC0640	05	MK01BP	01	1	TDD	AP		05A		
14964		XA532	07		XA535	19				16B	9		MK03BQ	01	MK038Q	00	1	TDD	BQ		03A		
14954		XA532	08							16B	9		MK0110	02	MK018I	01	1	TDD	AI		06A		
CONNECTOR XA532 CONTINUED ON THE NEXT PAGE ****																							

DRAWING NUMBER 149012-880 CONNECTOR UNIT ASSEMBLY NO. 149012 REV E INDEX XA532
 UNIT ASSEMBLY NAME CARD CAGE ASSY,CPU L.H. FILE IDENT T39B2CP1 DATE 09-03-82 PAGE 405

RECORD NUMBER	FROM				TO				WIRE	SIGNAL	REF	EQUATION	TIME	TYPE	FUNCTION	SIGNAL DESCRIPTION
	PREFIX	CONNECTOR	PIN	WIRE	PREFIX	CONNECTOR	PIN	WIRE								
14962		XA532	09		XA533	26	16B	9	MK03BP	01	MK03BP	00	1	TDD	BP	04B
14943		XA532	10				16B	9	MK03BP	02	MK01BN	01	1	TDD	AN	07A
14948		XA532	11		XA533	01	16B	9	MK01BP	01	MK01BP	00	1	TDD	AP	05B
00678		XA532	12						+5V	01				TDD		
14950		XA532	13		XA535	26	16B	9	MK01BQ	01	MK01BQ	00	1	TDD	AQ	06B
05789		XA532	14		XA531	69	16B	9	CLOCMB	16	MK09BN	01	1	TDD	CN	09A
17375		XA532	15		XA532	17	16B	9	SPA117	08	MK01BQ	01	1	TDD	AQ	07B
22751		XA532	16						GND		GRUJND			TDD		20B
23230		XA532	16				ZF	16B	0	MC061G	02			TDD		20B
17376		XA532	17		XA532	27	16B	9	SPA117	09	MK08BQ	01	1	TDD	CJ	08B
17908		XA532	18		XA532	40	16B	9	SPI037	03	MK08BI	01	1	TDD	CI	10A
14991		XA532	19				16B	9	MK08BQ	02	MK08BQ	00	1	TDD	CJ	09B
13495		XA532	20		XA526	76	16B	9	MC061G	02	MK08BP	01	1	TDD	CP	11A
14989		XA532	21				16B	9	MK08BP	03	MK08BP	00	1	TDD	CP	10B
13503		XA532	22		XA532	04	16B	9	MC064G	03	MK05BP	01	1	TDD	CP	12A
21223		XA532	23						MK05BP	01	MK05BP	00	1	TDD	CP	11B
14980		XA532	24				16B	9	MK051G	02	MK05BI	01	1	TDD	CI	13A
14977		XA532	25		XA529	54	16B	9	MK05BQ	02	MK05BQ	00	1	TDD	CQ	12B
1497C		XA532	26				16B	9	MK04BP	02	MK05BN	01	1	TDD	CN	14A
17377		XA532	27		XA532	29	16B	9	SPA117	10	MK05BQ	01	1	TDD	CQ	13B
00679		XA532	28						+5V	01				TDD		
17378		XA532	29				16B	9	SPA117	11	MK12BQ	01	1	TDD	FQ	14B
06791		XA532	30		XA532	56	16B	9	CT16MA	02	MK12BN	01	1	TDD	FN	15A
15024		XA532	31				16B	9	MK12BQ	03	MK12BQ	00	1	TDD	FQ	15B
22752		XA532	32						GND		GROUND			TDD		21B
22850		XA532	32				12	16B	0	CT16MG	02			TDD		21B
21224		XA532	33						MK12BP	01	MK12BP	00	1	TDD	FP	16B
17366		XA532	34		XA532	41	16B	9	SPA116	10	MK12BI	01	1	TDD	FI	16A
21225		XA532	35						MK10BP	01	MK10BP	00	1	TDD	EP	17B
14993		XA532	36		XA532	52	16B	9	MK08BQ	02	MK12BP	01	1	TDD	FP	17A
15007		XA532	37		XA529	48	16B	9	MK10BQ	02	MK10BQ	00	1	TDD	FQ	18B
13555		XA532	38				16B	9	MC088A	02	MK10BP	01	1	TDD	EP	18A
06333		XA532	39		XA529	66	16B	9	CM03BQ	03	MK10BQ	01	1	TDD	EQ	19B
17909		XA532	40		XA532	65	16B	9	SPI037	04	MK10BI	01	1	TDD	EI	19A
17367		XA532	41				16B	9	SPA116	11	MK16BQ	01	1	TDD	HQ	22B
15012		XA532	42				16B	9	SPI030	08	MK10BN	01	1	TDD	EN	20A
15034		XA532	43		XA531	09	16B	9	MK16PQ	02	MK16BQ	00	1	TDD	HQ	23B
11736		XA532	44						GND	01	GRUJND			TDD		27A
15032		XA532	45						MK16BP	01	MK16BP	00	1	TDD	HP	24B
15038		XA532	46		XA528	80	16B	9	MK16NA	01	MK16BN	01	1	TDD	HN	21A
15027		XA532	47						MK14BP	01	MK14BP	00	1	TDD	GP	25B
17915		XA532	48		XA532	71	16B	9	SPI038	02	MK16BI	01	1	TDD	HI	22A
15029		XA532	49				16B	9	MK14BQ	02	MK14BQ	00	1	TDD	GQ	26B
13418		XA532	50				16B	9	MC0400	02	MK16BP	01	1	TDD	HP	23A
17382		XA532	51		XA533	03	16B	9	SPA118	04	MK14BQ	01	1	TDD	GQ	27B
14994		XA532	52		XA533	36	16B	9	MK08BQ	03	MK14BP	01	1	TDD	GP	24A
20709		XA532	53				16B	9	SPI052	02				TDD	KQ	28B
15026		XA532	54				16B	9	MK13BQ	02	MK14BI	01	1	TDD	GI	25A
21226		XA532	55						SP0	01				TDD	KQ	29B
06792		XA532	56		XA533	30	16B	9	CT16MA	03	MK14BN	01	1	TDD	GN	26A
CONNECTOR XA532 CONTINUED ON THE NEXT PAGE ****																

DRAWING NUMBER 149012-880 CONNECTOR UNIT ASSEMBLY NO. 149012 REV E INDEX XA532
 UNIT ASSEMBLY NAME CARD CAGE ASSY,CPU L.H. FILE IDENT T39B2CP1 DATE 09-03-82 PAGE 406

RECORD NUMBER	FROM			TO			WIRE				SPEC. 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.
	PREF. #	CONNECTOR	PIN	PREF. #	CONNECTOR	PIN	MULTI GROUP	CODE	EXCLDN.	IDENT.												
21227		XA532	57									SPO	01			TDD	KP		30B			
22753		XA532	58									GND		GRDUND		TDD			40A			
21228		XA532	59									SPO	01			TDD	JP		31B			
17874		XA532	60		XA532	70		16B	9			SPI033	02			TDD	KN		28A			
21229		XA532	61									SPO	01			TDD	JQ		32B			
17867		XA532	62		XA532	68		16B	9			SPI032	03			TDD	KI		29A			
17892		XA532	63		XA533	51		16B	9			SPI035	02			TDD	JQ		33B			
17883		XA532	64		XA532	66		16B	9			SPI034	02			TDD	KP		30A			
17910		XA532	65		XA533	41		16B	9			SPI037	05		01	1	TDD	MQ		34B		
17884		XA532	66		XA533	50		16B	9			SPI034	03			TDD	JP		31A			
06364		XA532	67									GND		GRDUND		TDD			40B			
17868		XA532	68		XA551	34		16B	9			SPI032	04			TDD	JI		32A			
21230		XA532	69									SPO	01		00	1	TDD	MP		35A		
17875		XA532	70		XA533	60		16B	9			SPI033	02			TDD	JN		33A			
17916		XA532	71		XA535	29		16B	9			SPI038	03		01	1	TDD	MI		36A		
17840		XA532	72		XA533	62		16B	9			SPI029	05		01	1	TDD	MN		34A		
17922		XA532	73		XA535	35		16B	9			SPI039	02		01	1	TDD	MP		36B		
21231		XA532	74									SPO	01		00	1	TDD	MQ		35B		
06111		XA532	75		XA411	75		16B	9			CMCLMB	09	CMM0CP	01	1	TDD	LP		37B	CLEAR MOP REG- G	
06343		XA532	76									CMM0CP	03	CMM0CP	00	1	TDD	LP		37A		E03
06367		XA532	77					16B	9			CMM090	03	CMM0CI	01	1	TDD	LI		38B		
06352		XA532	78								M	CMM0CQ	01	CMM0CQ	00	1	TDD	LQ		38A		E03
06189		XA532	79					16B	9			CMC0PMB	15	CMM0CN	01	1	TDD	LN		39B	GATED CLGCK- G AN	
21102		XA532	80					16B	9			UCMM0B	04	CMM0CQ	01	1	TDD	LO		39A		
14949		XA533	01					16B	9			MK01BP	02	MK02BN	01	1	TDD	BN		02B		
11737		XA533	02									GND	01	GRDUND		TDD			01B			
17383		XA533	03		XA533	15		16B	9			SPA118	05	MK02BQ	01	1	TDD	BQ		02A		
13507		XA533	04					16B	9			MC0640	07	MK02BP	01	1	TDD	BP		04A		
14961		XA533	05					16B	9			MK0210	02	MK02BI	01	1	TDD	BI		03B		
13506		XA533	06		XA533	04		16B	9			MC0640	06	MK00BP	01	1	TDD	AP		05A		
14957		XA533	07		XA535	18		16B	9			MK02BQ	01	MK02BQ	00	1	TDD	BQ		03A		
14947		XA533	08					16B	9			MK0010	02	MK00BI	01	1	TDD	AI		06A		
14955		XA533	09		XA532	01		16B	9			MK02BP	01	MK02BP	00	1	TDD	BP		04B		
06787		XA533	10		XA536	07		16B	9			CT1MBQ	02	MK00BN	01	1	TDD	AN		07A		
14942		XA533	11		XA532	10		16B	9			MK00BP	01	MK00BP	00	1	TDD	AP		05B		
00680		XA533	12									+5V	01			TDD						
14945		XA533	13					16B	9			MK00BQ	02	MK00BQ	00	1	TDD	AQ		06B		
15004		XA533	14		XA531	80		16B	9			MK09NA	01	MK09BN	01	1	TDD	DN		09A		
17384		XA533	15		XA533	17		16B	9			SPA118	06	MK00BQ	01	1	TDD	AG		07B		
22754		XA533	16									GND		GRDUND		TDD			20B			
17385		XA533	17		XA533	27		16B	9			SPA118	07	MK09BQ	01	1	TDD	DQ		08B		
15001		XA533	18		XA536	36		16B	9			MK091A	01	MK09BI	01	1	TDD	DI		10A		
14999		XA533	19		XA507	33		16B	9			MK09BQ	01	MK09BQ	00	1	TDD	DQ		09B		
12694		XA533	20		XA529	26		16B	9			J4RESB	02	MK09BP	01	1	TDD	DP		11A		
21232		XA533	21								M	MK09BP	01	MK09BP	00	1	TDD	DP		10B		
13502		XA533	22		XA532	22		16B	9			MC0640	02	MK04BP	01	1	TDD	CP		12A		
14969		XA533	23		XA532	26		16B	9			MK04BP	01	MK04BP	00	1	TDD	CP		11B		
14975		XA533	24					16B	9			MK0410	02	MK04BI	01	1	TDD	CI		13A		
CONNECTOR (XA533) CONTINUED ON THE NEXT PAGE ****																						

DRAWING NUMBER 149012-880 CONNECTOR UNIT ASSEMBLY NO. 149012 REV E INDEX XA533
 UNIT ASSEMBLY NAME CARD CAGE ASSY,CPU L.H. FILE IDENT T39B2CP1 DATE 09-03-82 PAGE 407

RECORD NUMBER	FROM			TO			WIRE			IDENT	SPEC. PART NO.	SIGNAL	SEQ NO	EQUATION	TRIM	FUNCTION	CUT OFF TYPE	UNITS	LOCAL POWER PLANE	TEST POINTS	FUNCTION DESCRIPTION	PAGE NO.
	PREFIX	CONNECTOR	PIN	PREFIX	CONNECTOR	PIN	WIRE GROUP	CODE	COLOR													
14972		XA533	25		XA529	56		16B	9		MK048Q	02	MK048Q	00	1	TDD	CQ		12B			
14963		XA533	26					16B	9		MK038P	02	MK048M	01	1	TDD	CN		14A			
17386		XA533	27		XA533	29		16B	9		SPA118	08	MK048Q	01	1	TDD	CQ		13B			
00681		XA533	28								+5V	01				TDD						
17387		XA533	29		XA533	38		16B	9		SPA118	09	MK138Q	01	1	TDD	FQ		14B			
06793		XA533	30		XA533	56		16B	9		CT164A	04	MK138N	01	1	TDD	FN		15A			
15025		XA533	31		XA532	54		16B	9		MK138Q	01	MK138Q	00	1	TDD	FQ		15B			
11738		XA533	32								GND	01	GROUND			TDD			21B			
21233		XA533	33							M	MK138P	01	MK138P	00	1	TDD	FP		16B			
15023		XA533	34		XA532	31		16B	9		MK128Q	02	MK138I	01	1	TDD	FI		16A			
15016		XA533	35					16B	9		MK118P	04	MK118P	00	1	TDD	FP		17B			
14995		XA533	36		XA533	52		16B	9		MK08Q0	04	MK138P	01	1	TDD	FP		17A			
15018		XA533	37		XA531	46		16B	9		MK118Q	02	MK118Q	00	1	TDD	EQ		18B			
17388		XA533	38		XA535	49		16B	9		SPA118	10	MK118P	01	1	TDD	EP		18A			
17392		XA533	39		XA534	66		16B	9		SPA119	02	MK118Q	01	1	TDD	EQ		19B			
15132		XA533	40		XA508	57		16B	9		MPARTA	01	MK118I	01	1	TDD	EI		19A			
17911		XA533	41		XA533	73		16B	9		SPI037	06	MK068Q	01	1	TDD	HQ		22B			
15021		XA533	42					16B	9		MK118A	02	MK118N	01	1	TDD	EN		20A			
14984		XA533	43					16B	9		MK068Q	02	MK068Q	00	1	TDD	HQ		23B			
15139		XA533	44								GND		GROUND			TDD			27A			
14981		XA533	45		XA534	72		16B	9		MK068P	01	MK068P	00	1	TDD	HP		24B			
14985		XA533	46		XA537	76		16B	9		MK068A	01	MK068N	01	1	TDD	HN		21A			
15031		XA533	47					16B	9		MK158P	02	MK158P	00	1	TDD	GP		25B			
14898		XA533	48		XA535	47		16B	9		MD2860	01	MK068I	01	1	TDD	HI		22A			
21234		XA533	49							M	MK158Q	01	MK158Q	00	1	TDD	GQ		26B			
17885		XA533	50		XA533	64		16B	9		SPI034	04	MK068P	01	1	TDD	HP		23A			
17893		XA533	51		XA533	63		16B	9		SPI035	03	MK158Q	01	1	TDD	GO		27B			
14996		XA533	52					16B	9		MK08Q0	05	MK158P	01	1	TDD	GP		24A			
20711		XA533	53					16B	9		SPI053	02				TDD	KQ		28B			
15028		XA533	54		XA532	49		16B	9		MK148Q	01	MK158I	01	1	TDD	GI		25A			
21235		XA533	55								SPO	01				TDD	KQ		29B			
06794		XA533	56					16B	9		CT164A	05	MK158N	01	1	TDD	GN		26A			
21236		XA533	57								SPO	01				TDD	KP		30B			
11739		XA533	58								GND	01	GROUND			TDD			40A			
20707		XA533	59								SPO	01				TDD	JP		31B			
17876		XA533	60		XA533	70		16B	9		SPI033	04				TDD	KN		28A			
21237		XA533	61								SPO	01				TDD	JQ		32B			
17841		XA533	62		XA533	68		16B	9		SPI029	06				TDD	KI		29A			
17894		XA533	63		XA533	72		16B	9		SPI035	04				TDD	JQ		33B			
17886		XA533	64		XA533	66		16B	9		SPI034	05				TDD	KP		30A			
17901		XA533	65		XA533	80		16B	9		SPI036	03				TDD	MQ		34B			
17887		XA533	66		XA551	42		16B	9		SPI034	06				TDD	JP		31A			
11740		XA533	67								GND	01	GROUND			TDD			40B			
17842		XA533	68		XA533	71		16B	9		SPI029	07				TDD	JI		32A			
21238		XA533	69								SPO	01				TDD	MP		35A			
17877		XA533	70		XA533	79		16B	9		SPI033	05				TDD	JN		33A			
17843		XA533	71		XA533	75		16B	9		SPI029	08				TDD	MI		36A			
17895		XA533	72		XA551	30		16B	9		SPI035	05				TDD	MN		34A			
17912		XA533	73		XA551	29		16B	9		SPI037	07				TDD	MP		36B			
21239		XA533	74								SPO	01				TDD	MQ		35B			
CONNECTOR (XA533) CONTINUED ON THE NEXT PAGE ****																						

DRAWING NUMBER 149012-880 CONNECTOR UNIT ASSEMBLY NO. 149012 REV E INDEX XA533
 UNIT ASSEMBLY NAME CARD CAGE ASSY,CPU L.H. FILE IDENT T39B2CP1 DATE 09-03-82 PAGE 408

RECORD NUMBER	FROM			TO			WIRE			SIGNAL	SEQ NO	EQUATION	TERM	FACTOR	CAT OR CHIP TYPE	GROUP	LOAD OR POWER PLANE	TEST POINTS ANG OR	SIGNAL DESCRIPTION	ECO NO
	PREFIX	CONNECTION	PIN	PREFIX	CONNECTION	PIN	NO	CODE	GAUGE											
17844		XA533	75					168	9	SPI029	09									
20713		XA533	76							SPO	02		00	1	TDD	LP			37B	
17856		XA533	77					168	9	SPI039	05				TDD	LI			38B	
21240		XA533	78							SPO	01				TDD	LQ			38A	
17878		XA533	79		XA551	40		168	9	SPI033	06				TDD	LN			39B	
17902		XA533	80		XA551	36		168	9	SPI036	04				TDD	LQ			39A	
13444		XA534	01		XA534	18		168	9	MC044A	06	MC057A	01	6	TS8	A1			02B	
11741		XA534	02							GND	01	GFCUND			TS8				01A	
10238		XA534	03							DNW	01				TS8					
13464		XA534	04		XA534	52		168	9	MC0500	01	MC057A	01	4	TS8	A1			04A	
17405		XA534	05		XA534	58		168	9	SPA120	02	MC057A	01	5	TS8	A1			03B	
13450		XA534	06		XA534	24		168	9	MC046A	01	MC057A	01	3	TS8	A1			05A	
06705		XA534	07					168	9	CQ030	02	MC057A	01	7	TS8	A1			03A	
13436		XA534	08					168	9	MC0430	08	MC057A	01	2	TS8	A1			06A	
10239		XA534	09							DNW	01				TS8					
13424		XA534	10		XA534	26		168	9	MC0420	02	MC057A	01	1	TS8	A1			07A	
13484		XA534	11		XA526	74		168	9	MC057A	01	MC057A	00	1	TS8	A1			05B	
00682		XA534	12							+5V	01				TS8					
13526		XA534	13		XA534	25		168	9	MC074A	01	MC057A	01	8	TS8	A1			06B	
13477		XA534	14					168	9	MC0530	02	MC058A	01	6	TS8	B1			09A	
10240		XA534	15							DNW	01				TS8					
11742		XA534	16							GND	01	GFCUND			TS8				21B	
10241		XA534	17							DNW	01				TS8					
13445		XA534	18		XA534	36		168	9	MC044A	07	MC058A	01	5	TS8	B1			10A	
13437		XA534	19		XA534	08		168	9	MC0430	07	MC058A	01	7	TS8	B1			09B	
13469		XA534	20		XA531	20		168	9	MC0510	02	MC058A	01	4	TS8	B1			11A	
10242		XA534	21							DNW	01				TS8					
15092		XA534	22		XA530	52		168	9	MMASPA	02	MC058A	01	3	TS8	B1			12A	
13486		XA534	23		XA526	73		168	9	MC058A	01	MC058A	00	1	TS8	B1			11B	
13451		XA534	24		XA534	40		168	9	MC046A	02	MC058A	01	2	TS8	B1			13A	
13527		XA534	25		XA534	37		168	9	MC074A	02	MC058A	01	8	TS8	B1			12B	
13425		XA534	26		XA534	42		168	9	MC0420	03	MC058A	01	1	TS8	B1			14A	
10243		XA534	27							DNW	01				TS8					
00683		XA534	28							+5V	01				TS8					
10244		XA534	29							DNW	01				TS8					
06718		XA534	30					168	9	CQ030	03	MC059A	01	6	TS8	C1			15A	
13436		XA534	31		XA534	19		168	9	MC0430	06	MC059A	01	7	TS8	C1			15B	
11743		XA534	32							GND	01	GFCUND			TS8				27A	
10245		XA534	33							DNW	01				TS8					
15090		XA534	34					168	9	MMAQT0	04	MC059A	01	5	TS8	C1			16A	
13488		XA534	35		XA526	72		168	9	MC059A	01	MC059A	00	1	TS8	C1			17B	
13446		XA534	36		XA534	49		168	9	MC044A	08	MC059A	01	4	TS8	C1			17A	
13528		XA534	37		XA534	48		168	9	MC074A	03	MC059A	01	8	TS8	C1			18B	
17406		XA534	38		XA534	66		168	9	SPA120	03	MC059A	01	3	TS8	C1			18A	
10246		XA534	39							DNW	01				TS8					
13452		XA534	40		XA534	43		168	9	MC046A	03	MC059A	01	2	TS8	C1			19A	
10247		XA534	41							DNW	01				TS8					
13426		XA534	42		XA534	46		168	9	MC0420	04	MC059A	01	1	TS8	C1			20A	
CONNECTOR (XA534) CONTINUED ON THE NEXT PAGE ****																				

DRAWING NUMBER 149012-880 CONNECTOR UNIT ASSEMBLY NO. 149012 REV E INDEX XA534
 UNIT ASSEMBLY NAME CARD CAGE ASSY,CPU L.H. FILE IDENT T39B2CP1 DATE 09-03-82 PAGE 409

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. NO.	PREFIX	CONNECTOR	PIN	SH. NO.	MULTI GROUP	CODE	COLOR	IDENT										AND	OR		
13453		XA534	43			XA530	40						MC046A	04	MC060A	01	7	TS8	D1		23B				
11744		XA534	44										GND	01	GROUND			TS8				40A			
10248		XA534	45										DNW	01				TS8							
13427		XA534	46			XA530	42			16B	9		MC0420	05	MC060A	01	6	TS8	D1			21A			
13490		XA534	47			XA526	75			16B	9		MC060A	01	MC060A	00	1	TS8	D1			25B			
13529		XA534	48			XA530	38			16B	9		MC074A	04	MC060A	01	5	TS8	D1			22A			
13447		XA534	49							16B	9		MC044A	09	MC060A	01	8	TS8	D1			26B			
13435		XA534	50			XA534	31			16B	9		MC0430	05	MC060A	01	4	TS8	D1			23A			
10249		XA534	51										DNW	01				TS8							
13465		XA534	52			XA529	38			16B	9		MC0500	02	MC060A	01	3	TS8	D1			24A			
10250		XA534	53										DNW	01				TS8							
13472		XA534	54			XA529	40			16B	9		MC0520	02	MC060A	01	2	TS8	D1			25A			
13468		XA534	55			XA534	20			16B	9		MC0510	01	MC066A	01	7	TS8	E1			29B			
06727		XA534	56							16B	9		CQM070	03	MC060A	01	1	TS8	D1			26A			
10251		XA534	57										DNW	01				TS8							
11745		XA534	58										GNJ	01	GROUND			TS8							
13511		XA534	59							16B	9		MC066A	02	MC066A	00	1	TS8	E1			31B			
17864		XA534	60			XA536	47			16B	9		SPI031	07	MC066A	01	6	TS8	E1			28A			
15095		XA534	61			XA521	71			16B	9		MMASPA	05	MC066A	01	8	TS8	E1			32B			
17538		XA534	62							16B	9		SPA133	03	MC066A	01	5	TS8	E1			29A			
10252		XA534	63										DNW	01				TS8							
13536		XA534	64			XA535	46			16B	9		MC0750	01	MC066A	01	4	TS8	E1			30A			
10253		XA534	65										DNW	01				TS8							
17393		XA534	66			XA534	77			16B	9		SPA119	03	MC066A	01	3	TS8	E1			31A			
11746		XA534	67										GND	01	GROUND			TS8							
17407		XA534	68			XA534	79			16B	9		SPA120	04	MC066A	01	2	TS8	E1			32A			
10254		XA534	69										DNW	01				TS8							
17415		XA534	70			XA535	73			16B	9		SPA121	02	MC066A	01	1	TS8	E1			33A			
06393		XA534	71			XA519	18			16B	9		CMM2BQ	06	MP406A	01	5	TS8	F1			36A			
14982		XA534	72							16B	9		MK06BP	02	MP406A	01	6	TS8	F1			34A			
15014		XA534	73			XA531	54			16B	9		MK11BP	02	MP406A	01	4	TS8	F1			36B			
15109		XA534	74			XA535	68			16B	9		MMM0Q0	05	MP406A	01	7	TS8	F1			35B			
17439		XA534	75			XA535	05			16B	9		SPA123	04	MP406A	01	3	TS8	F1			37B			
15535		XA534	76			XA531	34			16B	9		MP406A	01	MP406A	00	1	TS8	F1			37A			
17394		XA534	77			XA535	07			16B	9		SPA119	04	MP406A	01	2	TS8	F1			38B			
06368		XA534	78			XA531	38			16B	9		CMM1BP	01	MP406A	01	8	TS8	F1			38A			
17408		XA534	79			XA535	25			16B	9		SPA120	05	MP406A	01	1	TS8	F1			39B			
10255		XA534	80										DNW	01				TS8							
13476		XA535	01			XA534	14			16B	9		MC0530	01	MC0530	00	1	TQ2	A2			02B			
11747		XA535	02										GND	01	GROUND			TQ2				01A			
16086		XA535	03							16B	9		PLPRVA	02	MC0520	01	1	TQ2	A3			02A			
13475		XA535	04							16B	9		MC053A	02	MC0530	01	1	TQ2	A2			04A			
17440		XA535	05			XA537	05			16B	9		SPA123	05	MC0530	01	2	TQ2	A2			03B			
13462		XA535	06			XA530	68			16B	9		MC0480	01	MC0480	00	1	TQ2	A1			05A			
17395		XA535	07			XA535	13			16B	9		SPA119	05	MC0520	01	2	TQ2	A3			03A			
06699		XA535	08							16B	9		CQM03A	02	MC0480	01	2	TQ2	A1			06A			
13471		XA535	09			XA534	54			16B	9		MC0520	01	MC0520	00	1	TQ2	A3			04B			
06695		XA535	10							16B	9		CQM02A	02	MC0480	01	1	TQ2	A1			07A			
CONNECTOR		XA535	CONTINUED ON THE NEXT PAGE ****																						

DRAWING NUMBER 149012-880 CONNECTOR UNIT ASSEMBLY NO. 149012 REV E INDEX XA535
 UNIT ASSEMBLY NAME CARD CAGE ASSY,CPU L.H. FILE IDENT T39B2CP1 DATE 09-03-82 PAGE 410

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												
14944	XA535	11		XA533	13		16B	9			MK03BQ	01	MK0010	01	1	TQ2	A4		05B			
00684	XA535	12									+5V	01				TQ2						
17396	XA535	13		XA535	17		16B	9			SPA119	06	MK0010	01	2	TQ2	A4		06B			
14960	XA535	14		XA533	05		16B	9			MK0210	01	MK0210	00	1	TQ2	B2		09A			
14946	XA535	15		XA533	08		16B	9			MK0010	01	MK0010	00	1	TQ2	A4		07B			
11748	XA535	16									GND	01				TQ2			01B			
17397	XA535	17		XA535	20		16B	9			SPA119	07	MK0310	01	1	TQ2	B3		08B			
14958	XA535	18		XA529	52		16B	9			MK02BQ	02	MK0210	01	2	TQ2	B2		10A			
14965	XA535	19		XA529	49		16B	9			MK03BQ	02	MK0310	01	2	TQ2	B3		09B			
17398	XA535	20		XA535	24		16B	9			SPA119	08	MK0210	01	1	TQ2	B2		11A			
14967	XA535	21		XA532	05		16B	9			MK0310	01	MK0310	00	1	TQ2	B3		10B			
14953	XA535	22		XA532	08		16B	9			MK0110	01	MK0110	00	1	TQ2	B1		12A			
14971	XA535	23		XA533	25		16B	9			MK04BQ	01	MK0410	01	1	TQ2	B4		11B			
17399	XA535	24		XA537	13		16B	9			SPA119	09	MK0110	01	2	TQ2	B1		13A			
17409	XA535	25		XA535	42		16B	9			SPA120	06	MK0410	01	2	TQ2	B4		12B			
14951	XA535	26		XA531	49		16B	9			MK01BQ	02	MK0110	01	1	TQ2	B1		14A			
14974	XA535	27		XA533	24		16B	9			MK0410	01	MK0410	00	1	TQ2	B4		13B			
00685	XA535	28									+5V	01				TQ2						
17917	XA535	29		XA535	37		16B	9			SPT038	04		01	1	TQ2	C3		14B			
13501	XA535	30		XA533	22		16B	9			MC0640	01	MC0640	00	1	TQ2	C2		15A			
17920	XA535	31					16B	9			SPTX01	05		01	2	TQ2	C3		15B			
11749	XA535	32									GND	01	GROUND			TQ2			20B			
21241	XA535	33									SPO	01		00	1	TQ2	C3		16B			
14988	XA535	34		XA532	21		16B	9			MK08BP	02	MC0640	01	2	TQ2	C2		16A		B02	
17923	XA535	35		XA536	31		16B	9			SPT039	03		01	1	TQ2	C4		17B			
06789	XA535	36					16B	9			CT1MBQ	04	MC0640	01	1	TQ2	C2		17A			
17918	XA535	37		XA536	29		16B	9			SPT038	05		01	2	TQ2	C4		18B			
14979	XA535	38		XA532	24		16B	9			MK0510	01	MK0510	00	1	TQ2	C1		18A			
21242	XA535	39									SPO	01		00	1	TQ2	C4		19B			
14976	XA535	40		XA532	25		16B	9			MK05BQ	01	MK0510	01	2	TQ2	C1		19A			
13523	XA535	41					16B	9			MC0710	02	MC070A	01	1	TQ2	D3		22B			
17410	XA535	42		XA535	50		16B	9			SPA120	07	MK0510	01	1	TQ2	C1		20A			
06783	XA535	43				ZL	1EB	9			CTMWR0	02	MC070A	01	2	TQ2	D3		23B			
22755	XA535	44									GND					TQ2			21B			
22848	XA535	44				ZL	1EB	0			CTMWRG	02				TQ2			21B			
13518	XA535	45		XA408	62		16B	9			MC070A	01	MC070A	00	1	TQ2	D3		24B			
13537	XA535	46		XA536	20		16B	9			MC0750	02	MC0750	00	1	TQ2	D2		21A			
14899	XA535	47		XA537	59		16B	9			MD2860	02	MD286A	01	1	TQ2	D4		25B			
13534	XA535	48		XA531	36		16B	9			MC075A	01	MC0750	01	2	TQ2	D2		22A			
17389	XA535	49		XA537	52		16B	9			SPA119	11	MD286A	01	2	TQ2	D4		26B			
17411	XA535	50		XA535	59		16B	9			SPA120	08	MC0750	01	1	TQ2	D2		23A			
14896	XA535	51		XA536	08		16B	9			MD286A	01	MD286A	00	1	TQ2	D4		27B			
12799	XA535	52		XA536	65		16B	9			MA005A	01	MA005A	00	1	TQ2	D1		24A			
21178	XA535	53		XA528	76		16B	9			YSN2TB	01	MC119A	01	1	TQ2	E3		28B			
15006	XA535	54		XA532	37		16B	9			MK10BQ	01	MA005A	01	2	TQ2	D1		25A			
15033	XA535	55		XA532	43		16B	9			MK16BQ	01	MC119A	01	2	TQ2	E3		29B			
06332	XA535	56		XA532	39		16B	9			CMM0BQ	02	MA005A	01	1	TQ2	D1		26A			
13634	XA535	57					16B	9			MC119A	02	MC119A	00	1	TQ2	E3		30B			
22756	XA535	58									GND		GROUND			TQ2			27A			
23232	XA535	58				ZM	1EB	0			MC119G	02				TQ2			27A			
CONNECTOR (XA535) CONTINUED ON THE NEXT PAGE ****																						

DRAWING NUMBER 149012-880 CONNECTOR UNIT ASSEMBLY NO. 149012 REV E INDEX XA535
 UNIT ASSEMBLY NAME CARD CAGE ASSY,CPU L.H. FILE IDENT T39B2CP1 DATE 09-03-82 PAGE 411

RECORD NUMBER	FROM			TO			WIRE				SIGNAL	SEQ NO	EQUATION	TERM	FACT	CRT 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											
17412		XA535	59		XA535	64			16B	9		SPA120	09	MB0010	01	1	TQ2	E4		31B	
14798		XA535	60		XA519	71			16B	9		MD2690	01	MD2690	00	1	TQ2	E2		28A	
13000		XA535	61		XA529	59			16B	9		MB000A	02	M60010	01	2	TQ2	E4		32B	
21158		XA535	62		XA536	55			16B	9		USENDB	05	MD2690	01	2	TQ2	E2		29A	
13002		XA535	63		XA433	78			16B	9		M80010	01	M80010	00	1	TQ2	E4		33B	
17413		XA535	64						16B	9		SPA120	10	MD2690	01	1	TQ2	E2		30A	
15017		XA535	65		XA533	37			16B	9		MK11BQ	01	MMPE00	01	1	TQ2	F3		34B	
14760		XA535	66		XA529	72			16B	9		MD263A	05	MD263A	00	1	TQ2	E1		31A	
11750		XA535	67									GND	01	GROUND			TQ2			40A	
23235		XA535	67					ZN	1EB	0		MMPEEG	02				TQ2			40A	
23237		XA535	67					ZP	1EB	0		MMPEOG	02				TQ2			40A	
15110		XA535	68		XA536	52			16B	9		MMMQQ	06	MD263A	01	2	TQ2	E1		32A	
15119		XA535	69						16B	9		MMPE00	02	MMPE00	00	1	TQ2	F3		35A	
06392		XA535	70		XA534	71			16B	9		CMM2BQ	05	MD263A	01	1	TQ2	E1		33A	
15526		XA535	71		XA531	39			16B	9		MP403A	01	MP4030	01	2	TQ2	F2		36A	
15528		XA535	72		XA531	56			16B	9		MP4030	01	MP4030	00	1	TQ2	F2		34A	
17416		XA535	73		XA536	03			16B	9		SPA121	03	MP4030	01	1	TQ2	F2		36B	
15487		XA535	74		XA531	52			16B	9		MP3090	01	MMPE00	01	2	TQ2	F3		35B	
15020		XA535	75		XA533	42			16B	9		MK11NA	01	MK11NA	00	1	TQ2	F1		37B	
15470		XA535	76						16B	9		MP3000	05	MMPE00	01	1	TQ2	F4		37A	
05788		XA535	77		XA537	78			16B	9		CL0CMB	18	MK11NA	01	2	TQ2	F1		38B	
15013		XA535	78		XA534	73			16B	9		MK11BP	01	MMPE00	01	2	TQ2	F4		38A	
13756		XA535	79						16B	9		MD0150	02	MK11NA	01	1	TQ2	F1		39B	
15114		XA535	80						16B	9		MMPE00	02	MMPE00	00	1	TQ2	F4		39A	
15131		XA536	01						16B	9		MMT0T0	03	MMT0T0	00	1	TQ2	A2		02B	
11751		XA536	02									GND	01	GROUND			TQ2			01A	
17417		XA536	03		XA536	05			16B	9		SPA121	04	MC0730	01	1	TQ2	A3		02A	
15125		XA536	04		XA529	47			16B	9		MMT0T0	01	MMT0T0	01	1	TQ2	A2		04A	
17418		XA536	05		XA536	11			16B	9		SPA121	05	MMT0T0	01	2	TQ2	A2		03B	
14894		XA536	06		XA537	75			16B	9		MD2840	01	MD2840	00	1	TQ2	A1		05A	
06788		XA536	07		XA535	36			16B	9		CT1MBQ	03	MC0730	01	2	TQ2	A3		03A	
14897		XA536	08						16B	9		MD286A	02	MD2840	01	2	TQ2	A1		06A	
13524		XA536	09		XA531	47			16B	9		MC0730	01	MC0730	00	1	TQ2	A3		04B	
13745		XA536	10		XA523	80			16B	9		MD015A	02	MD2840	01	1	TQ2	A1		07A	
17419		XA536	11		XA536	24			16B	9		SPA121	06	MK10NA	01	1	TQ2	A4		05B	
00686		XA536	12									+5V	01				TQ2				
05787		XA536	13		XA550	19			16B	9		CL0CMB	20	MK10NA	01	2	TQ2	A4		06B	
13513		XA536	14						16B	9		MC067A	02	MC067A	00	1	TQ2	B2		09A	
15011		XA536	15									SPO	01	MK10NA	00	1	TQ2	A4		07B	
11752		XA536	16									GND	01	GROUND			TQ2			01B	
13545		XA536	17		XA531	64			16B	9		MC085A	01	MC0860	01	1	TQ2	B3		08B	
06688		XA536	18						16B	9		CQM000	03	MC067A	01	2	TQ2	B2		10A	
06737		XA536	19						16B	9		CQM080	04	MC0860	01	2	TQ2	B3		09B	
13538		XA536	20		XA531	21			16B	9		MC0750	03	MC067A	01	1	TQ2	B2		11A	
13547		XA536	21		XA529	46			16B	9		MC0860	01	MC0860	00	1	TQ2	B3		10B	
13554		XA536	22		XA532	38			16B	9		MC088A	01	MC088A	00	1	TQ2	B1		12A	
06410		XA536	23		XA531	53			16B	9		CMM4BQ	01	MC094A	01	1	TQ2	B4		11B	
17420		XA536	24		XA536	35			16B	9		SPA121	07	MC088A	01	2	TQ2	B1		13A	
CONNECTOR XA536 CONTINUED ON THE NEXT PAGE ****																					

DRAWING NUMBER 149012-880 CONNECTOR UNIT ASSEMBLY NO. 149012 REV E INDEX XA536
 UNIT ASSEMBLY NAME CARD CAGE ASSY,CPU L.H. FILE IDENT T39B2CP1 DATE 09-03-82 PAGE 412

RECORD NUMBER	FROM			TO			WIRE			SPE. 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	SIZE	MULTI-GROUP	CODE												
06729		XA536	25						168	9			CQM08A	02	MC094A	01	2	TQ2	B4		12B
21182		XA536	26						168	9			YSN2TB	05	MC088A	01	1	TQ2	B1		14A
13558		XA536	27		XA529	68			168	9			MC094A	01	MC054A	00	1	TQ2	B4		13B
00687		XA536	28										+5V	01				TQ2			
17919		XA536	29		XA551	39			168	9			SPI038	06				TQ2	C3		14B
13564		XA536	30		XA531	76			168	9			MC1010	01	MC1010	00	1	TQ2	C2		15A
17924		XA536	31		XA533	77			168	9			SPI039	04				TQ2	C3		15B
22757		XA536	32										GND		GRGUND			TQ2			20B
21243		XA536	33										SPO	01				TQ2	C3		16B
13562		XA536	34		XA531	63			168	9			MC100A	01	MC1010	01	2	TQ2	C2		16A
17421		XA536	35		XA536	49			168	9			SPA121	08	MD2640	01	1	TQ2	C4		17B
15002		XA536	36		XA531	73			168	9			MK091A	02	MC1010	01	1	TQ2	C2		17A
14756		XA536	37		XA536	43			168	9			MD263A	01	MD2640	01	2	TQ2	C4		18B
13556		XA536	38		XA531	70			168	9			MC0930	01	MC0930	00	1	TQ2	C1		18A
14762		XA536	39		XA519	13			168	9			MD2640	01	MD2640	00	1	TQ2	C4		19B
15082		XA536	40						168	9			MC121A	04	MC0930	01	2	TQ2	C1		19A
17422		XA536	41		XA536	76			168	9			MD279A	00	MD2670	01	1	TQ2	D3		22B
15053		XA536	42		XA526	59			168	9			MMALLA	01	MC0930	01	1	TQ2	C1		20A
14757		XA536	43		XA536	48			168	9			MD263A	02	MD2670	01	2	TQ2	D3		23B
11753		XA536	44										GND	01	GROUND			TQ2			21B
14789		XA536	45		XA516	76			168	9			MD2670	01	MD2670	00	1	TQ2	D3		24B
14780		XA536	46		XA517	04			168	9			MD2660	01	MD2660	00	1	TQ2	D2		21A
14759		XA536	47						168	9			SPI031	08	MP4050	01	1	TQ2	D4		25B
14758		XA536	48		XA535	66			168	9			MD263A	03	MD2660	01	2	TQ2	D2		22A
17423		XA536	49						168	9			SPA121	10	MP4050	01	2	TQ2	D4		26B
17424		XA536	50						168	9			MD288A	03	MD2660	01	1	TQ2	D2		23A
15533		XA536	51										SPO	01	MP4050	00	1	TQ2	D4		27B
15111		XA536	52						168	9			MMMQ00	07	MMMQ00	00	1	TQ2	D1		24A
17426		XA536	53		XA536	54			168	9			SPA122	02	MD2720	01	1	TQ2	E3		28B
17427		XA536	54		XA536	61			168	9			SPA122	03	MMMQ00	01	2	TQ2	D1		25A
21159		XA536	55						168	9			USENDB	06	MD2720	01	2	TQ2	F3		29B
06331		XA536	56		XA535	56			168	9			CMQ0BQ	01	MMMQ00	01	1	TQ2	D1		26A
14837		XA536	57		XA516	77			168	9			MD2720	01	MD2720	00	1	TQ2	E3		30B
15531		XA536	58										GND	01	GROUND			TQ2			27A
13746		XA536	59		XA536	10			168	9			MD015A	01	MD0150	01	1	TQ2	E4		31B
14828		XA536	60		XA517	73			168	9			MD2710	01	MD2710	00	1	TQ2	E2		28A
17428		XA536	61		XA536	62			168	9			SPA122	04	MD0150	01	2	TQ2	E4		32B
17429		XA536	62		XA536	70			168	9			SPA122	05	MD2710	01	2	TQ2	E2		29A
13755		XA536	63		XA535	79			168	9			MD0150	01	MD0150	00	1	TQ2	F4		33B
21157		XA536	64		XA535	62			168	9			USENDB	04	MD2710	01	1	TQ2	F2		30A
12800		XA536	65		XA536	71			168	9			MA005A	02	MA0070	01	1	TQ2	F3		34B
14819		XA536	66		XA518	65			168	9			MD2700	01	MD2700	00	1	TQ2	F1		31A
11754		XA536	67										GND	01	GROUND			TQ2			40A
21156		XA536	68		XA536	64			168	9			USENDB	03	MD2700	01	2	TQ2	F1		32A
12812		XA536	69		XA516	71			168	9			MA0070	01	MA0070	00	1	TQ2	F3		35A
17430		XA536	70		XA536	73			168	9			SPA122	06	MD2700	01	1	TQ2	F1		33A
12801		XA536	71		XA531	71			168	9			MA005A	03	MA0060	01	2	TQ2	F2		36A
12803		XA536	72		XA517	76			168	9			MA0060	01	MA0060	00	1	TQ2	F2		34A
17431		XA536	73		XA536	74			168	9			SPA122	07	MA0060	01	1	TQ2	F2		36B
17432		XA536	74		XA536	78			168	9			SPA122	08	MA0070	01	2	TQ2	F3		35B
CONNECTOR XA536 CONTINUED ON THE NEXT PAGE ****																					

DRAWING NUMBER 149012-880 CONNECTOR UNIT ASSEMBLY NO. 149012 REV E INDEX XA536
 UNIT ASSEMBLY NAME CARD CAGE ASSY,CPU L.H. FILE IDENT T39B2CP1 DATE 09-03-82 PAGE 413

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 FTG	MULTI GROUP	CODE	COLOR											
13011		XA536	75		XA518	78			16B	9		MB0020	01	MB0020	00	1	TQ2	F1		37B	
14846		XA536	76		XA531	72			16B	9		MD279A	01	MD2800	01	1	TQ2	F4		37A	
12999		XA536	77		XA535	61			16B	9		MB000A	01	MB0020	01	2	TQ2	F1		38B	
17433		XA536	78		XA536	79			16B	9		SPA122	09	MD2800	01	2	TQ2	F4		38A	
17434		XA536	79		XA537	01			16B	9		SPA122	10	MB0020	01	1	TQ2	F1		39B	
14867		XA536	80		XA517	65			16B	9		MD2800	01	MD2800	00	1	TQ2	F4		39A	
17435		XA537	01						16B	9		SPA122	11	MP407A	01	6	TS8	A1		02R	
11755		XA537	02									GND	01	GROUND			TS8			01A	
10256		XA537	03									DNW	01				TS8				
14983		XA537	04		XA533	43			16B	9		MK06BQ	01	MP407A	01	4	TS8	A1		04A	
17441		XA537	05		XA537	36			16B	9		SPA123	06	MP407A	01	5	TS8	A1		03B	
17450		XA537	06		XA537	38			16B	9		SPA124	02	MP407A	01	3	TS8	A1		05A	
15466		XA537	07		XA526	11			16B	9		MP3000	01	MP407A	01	7	TS8	A1		03A	
15105		XA537	08		XA531	14			16B	9		MM00Q0	01	MP407A	01	2	TS8	A1		06A	
10257		XA537	09									DNW	01				TS8				
06388		XA537	10		XA531	18			16B	9		CMM2BQ	01	MP407A	01	1	TS8	A1		07A	
15537		XA537	11		XA531	30			16B	9		MP407A	01	MP407A	00	1	TS8	A1		05B	
00688		XA537	12									+5V	01				TS8				
17400		XA537	13		XA537	49			16B	9		SPA119	10	MP407A	01	8	TS8	A1		06B	
13040		XA537	14		XA431	09			16B	9		MB02XV	02	MC084A	01	6	TS8	B1		09A	
10258		XA537	15									DNW	01				TS8				
11756		XA537	16									GND	01	GROUND			TS8			21B	
10259		XA537	17									DNW	01				TS8				
13079		XA537	18		XA429	33			16B	9		MB05XV	02	MC084A	01	5	TS8	B1		10A	
13068		XA537	19		XA428	33			16B	9		MB04XV	02	MC084A	01	7	TS8	B1		09B	
13090		XA537	20		XA431	33			16B	9		MB06XV	02	MC084A	01	4	TS8	B1		11A	
10260		XA537	21									DNW	01				TS8				
13101		XA537	22		XA432	33			16B	9		MB07XV	02	MC084A	01	3	TS8	B1		12A	
13543		XA537	23		XA433	76			16B	9		MC084A	01	MC084A	00	1	TS8	B1		11B	
13125		XA537	24		XA429	45			16B	9		MB09XV	02	MC084A	01	2	TS8	B1		13A	
13112		XA537	25		XA428	45			16B	9		MB08XV	02	MC084A	01	8	TS8	B1		12B	
13055		XA537	26		XA432	09			16B	9		MB03XV	02	MC084A	01	1	TS8	B1		14A	
10261		XA537	27									DNW	01				TS8				
00689		XA537	28									+5V	01				TS8				
10262		XA537	29									DNW	01				TS8				
13512		XA537	30		XA536	14			16B	9		MC067A	01	MC0710	01	6	TS8	C1		15A	
13508		XA537	31		XA531	19			16B	9		MC065A	01	MC0710	01	7	TS8	C1		15B	
11757		XA537	32									GND	01	GROUND			TS8			27A	
10263		XA537	33									DNW	01				TS8				
13514		XA537	34		XA531	27			16B	9		MC068A	01	MC0710	01	5	TS8	C1		16A	
13522		XA537	35		XA535	41			16B	9		MC0710	01	MC0710	00	1	TS8	C1		17B	
17442		XA537	36		XA537	50			16B	9		SPA123	07	MC0710	01	4	TS8	C1		17A	
13516		XA537	37		XA529	35			16B	9		MC069A	01	MC0710	01	8	TS8	C1		18B	
17451		XA537	38		XA544	68			16B	9		SPA124	03	MC0710	01	3	TS8	C1		18A	
10264		XA537	39									DNW	01				TS8				
17461		XA537	40		XA546	68			16B	9		SPA125	02	MC0710	01	2	TS8	C1		19A	
10265		XA537	41									DNW	01				TS8				
13510		XA537	42		XA534	59			16B	9		MC066A	01	MC0710	01	1	TS8	C1		20A	
CONNECTOR		XA537	CONTINUED ON THE NEXT PAGE ****																		

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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	PREFIX	CONNECTOR	PIN	DI FG	MULTI GROUP	CODE	COLOR											
14990		XA537	43		XA532	19			16B	9		MK08BQ	01	MC062A	01	1	TS8	D1		23B	
13705		XA537	44									GND		GRCUND			TS8			40A	
10266		XA537	45									DNW	01				TS8				
15022		XA537	46		XA533	34			16B	9		MK12BQ	01	MC062A	01	2	TS8	D1		21A	
13497		XA537	47		XA408	64			16B	9		MC062A	01	MC062A	00	1	TS8	D1		25B	
15030		XA537	48		XA533	47			16B	9		MK15BP	01	MC062A	01	3	TS8	D1		22A	
17401		XA537	49						16B	9		SPA119	11	MC062A	01	4	TS8	D1		26B	
17443		XA537	50		XA537	71			16B	9		SPAL23	08	MC062A	01	5	TS8	D1		23A	
10267		XA537	51									DNW	01				TS8				
17390		XA537	52						16B	9		SPA118	12	MC062A	01	6	TS8	D1		24A	
10268		XA537	53									DNW	01				TS8				
17494		XA537	54		XA537	72			16B	9		SPAL28	02	MC062A	01	7	TS8	D1		25A	
17527		XA537	55		XA537	56			16B	9		SPAL31	04	MD2860	01	7	TS8	E1		29B	
17528		XA537	56		XA549	35			16B	9		SPAL31	05	MC062A	01	8	TS8	D1		26A	
10269		XA537	57									DNW	01				TS8				
13693		XA537	58									GND		GRCUND			TS8				
14900		XA537	59						16B	9		MD2860	03	MD2860	00	1	TS8	E1		31B	
13701		XA537	60		XA418	68			16B	9		MD006A	01	MD2860	01	6	TS8	E1		28A	
13655		XA537	61		XA416	71			16B	9		MD000A	01	MD2860	01	8	TS8	E1		32B	
13695		XA537	62		XA419	50			16B	9		MD005A	01	MD2860	01	5	TS8	E1		29A	
10270		XA537	63									DNW	01				TS8				
13689		XA537	64		XA418	79			16B	9		MD004A	01	MD2860	01	4	TS8	E1		30A	
10271		XA537	65									DNW	01				TS8				
13683		XA537	66		XA418	72			16B	9		MD003A	01	MD2860	01	3	TS8	E1		31A	
13681		XA537	67									GND		GRCUND			TS8				
13675		XA537	68		XA418	66			16B	9		MD016A	01	MD2860	01	2	TS8	E1		32A	
10272		XA537	69									DNW	01				TS8				
13667		XA537	70		XA419	68			16B	9		MD001A	01	MD2860	01	1	TS8	E1		33A	
17444		XA537	71		XA544	53			16B	9		SPAL23	09	MK06NA	01	5	TS8	F1		36A	
17495		XA537	72		XA549	13			16B	9		SPAL28	03	MK06NA	01	6	TS8	F1		34A	
17505		XA537	73		XA549	59			16B	9		SPA129	02	MK06NA	01	4	TS8	F1		36B	
17517		XA537	74		XA549	69			16B	9		SPA130	02	MK06NA	01	7	TS8	F1		35B	
14895		XA537	75						16B	9		MD2840	02	MK06NA	01	3	TS8	F1		37B	
14986		XA537	76						16B	9		MK06NA	02	MK06NA	00	1	TS8	F1		37A	
15516		XA537	77		XA531	50			16B	9		MP401A	01	MK06NA	01	2	TS8	F1		38B	
05786		XA537	78		XA536	13			16B	9		CLOCMB	19	MK06NA	01	8	TS8	F1		38A	
15506		XA537	79		XA531	43			16B	9		MP400A	01	MK06NA	01	1	TS8	F1		39B	
10273		XA537	80									DNW	01				TS8				
20034		XA538	01									SPP	01								
11758		XA538	02									GND	01	GRCUND							
20035		XA538	03									SPP	01								
20036		XA538	04									SPP	01								
20037		XA538	05									SPP	01								
20038		XA538	06									SPP	01								
20039		XA538	07									SPP	01								
20040		XA538	08									SPP	01								
20041		XA538	09									SPP	01								
20042		XA538	10									SPP	01								
CONNECTOR XA538 CONTINUED ON THE NEXT PAGE ****																					

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CONNECTOR

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RECORD NUMBER	FROM				TO				WIRE				SIGNAL	SEQ NO	EQUATION	TERM	FACTOR	CKT OR CHIP TYPE	GROUP	LOAD OR POWER PLANE	TEST POINTS AND/OR	SIGNAL DESCRIPTION	ECO NO
	PREFIX	CONNECTOR	PIN	SH. TO	PREFIX	CONNECTOR	PIN	SH. TO	MULTI GROUP	CODE	COLOR	IDENT											
20043		XA538	11										SPP	01									
00690		XA538	12										+5V	01									
20044		XA538	13										SPP	01									
20045		XA538	14										SPP	01									
20046		XA538	15										SPP	01									
11759		XA538	16										GND	01	GROUND								
20047		XA538	17										SPP	01									
20048		XA538	18										SPP	01									
20049		XA538	19										SPP	01									
20050		XA538	20										SPP	01									
20051		XA538	21										SPP	01									
20052		XA538	22										SPP	01									
20053		XA538	23										SPP	01									
20054		XA538	24										SPP	01									
20055		XA538	25										SPP	01									
20056		XA538	26										SPP	01									
20057		XA538	27										SPP	01									
00691		XA538	28										+5V	01									
20058		XA538	29										SPP	01									
20059		XA538	30										SPP	01									
20060		XA538	31										SPP	01									
11760		XA538	32										GND	01	GROUND								
20061		XA538	33										SPP	01									
20062		XA538	34										SPP	01									
20063		XA538	35										SPP	01									
20064		XA538	36										SPP	01									
20065		XA538	37										SPP	01									
20066		XA538	38										SPP	01									
20067		XA538	39										SPP	01									
20068		XA538	40										SPP	01									
20069		XA538	41										SPP	01									
20070		XA538	42										SPP	01									
20071		XA538	43										SPP	01									
11761		XA538	44										GND	01	GROUND								
20072		XA538	45										SPP	01									
20073		XA538	46										SPP	01									
20074		XA538	47										SPP	01									
20075		XA538	48										SPP	01									
20076		XA538	49										SPP	01									
20077		XA538	50										SPP	01									
20078		XA538	51										SPP	01									
20079		XA538	52										SPP	01									
20080		XA538	53										SPP	01									
20081		XA538	54										SPP	01									
20082		XA538	55										SPP	01									
20083		XA538	56										SPP	01									
20084		XA538	57										SPP	01									
11762		XA538	58										GND	01	GROUND								
20085		XA538	59										SPP	01									
20086		XA538	60										SPP	01									
CONNECTOR (XA538)		CONTINUED ON THE NEXT PAGE ****																					

DRAWING NUMBER
UNIT ASSEMBLY NAME

149012-880
CONNECTOR
CARD CAGE ASSY, CPU L.H.

UNIT ASSEMBLY NO. 149012
FILE IDENT T39B2CP1

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RECORD NUMBER	FROM				TO				WIRE				SIGNAL	SEQ NO	EQUATION	TERM	FACTOR	CKT OR CHIP TYPE	GROUP	LOAD OR POWER PLANE	TEST POINTS		SIGNAL DESCRIPTION	ECO NO
	PREFIX	CONNECTOR	PIN	PLT	PREFIX	CONNECTOR	PIN	PLT	MULTI GROUP	CODE	COLOR	IDENT									SPC INST. WIRE	ANT		
20087		XA538	61										SPP	01										
20088		XA538	62										SPP	01										
20089		XA538	63										SPP	01										
20090		XA538	64										SPP	01										
20091		XA538	65										SPP	01										
20092		XA538	66										SPP	01										
11763		XA538	67										GND	01	GROUND									
20093		XA538	68										SPP	01										
20094		XA538	69										SPP	01										
20095		XA538	70										SPP	01										
20096		XA538	71										SPP	01										
20097		XA538	72										SPP	01										
20098		XA538	73										SPP	01										
20099		XA538	74										SPP	01										
20100		XA538	75										SPP	01										
20101		XA538	76										SPP	01										
20102		XA538	77										SPP	01										
20103		XA538	78										SPP	01										
20104		XA538	79										SPP	01										
20105		XA538	80										SPP	01										
20106		XA539	01										SPP	01										
11764		XA539	02										GND	01	GROUND									
20107		XA539	03										SPP	01										
20108		XA539	04										SPP	01										
20109		XA539	05										SPP	01										
20110		XA539	06										SPP	01										
20111		XA539	07										SPP	01										
20112		XA539	08										SPP	01										
20113		XA539	09										SPP	01										
20114		XA539	10										SPP	01										
20115		XA539	11										SPP	01										
00692		XA539	12										+5V	01										
20116		XA539	13										SPP	01										
20117		XA539	14										SPP	01										
20118		XA539	15										SPP	01										
11765		XA539	16										GND	01	GROUND									
20119		XA539	17										SPP	01										
20120		XA539	18										SPP	01										
20121		XA539	19										SPP	01										
20122		XA539	20										SPP	01										
20123		XA539	21										SPP	01										
20124		XA539	22										SPP	01										
20125		XA539	23										SPP	01										
20126		XA539	24										SPP	01										
20127		XA539	25										SPP	01										
20128		XA539	26										SPP	01										
20129		XA539	27										SPP	01										
00693		XA539	28										+5V	01										
CONNECTOR		XA539	CONTINUED ON THE NEXT PAGE ****																					

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 UNIT ASSEMBLY NAME CARD CAGE ASSY, CPU L.H. FILE IDENT T39B2CP1 DATE 09-03-82 PAGE 417

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	DRIFT	PREFIX	CONNECTOR	PIN	DRIFT	MULTI GROUP	CODE	COLOR	IDENT									SPEC INST. MISC	AND		
20130		XA539	29										SPP	01										
20131		XA539	30										SPP	01										
20132		XA539	31										SPP	01										
11766		XA539	32										GND	01	GROUND									
20133		XA539	33										SPP	01										
20134		XA539	34										SPP	01										
20135		XA539	35										SPP	01										
20136		XA539	36										SPP	01										
20137		XA539	37										SPP	01										
20138		XA539	38										SPP	01										
20139		XA539	39										SPP	01										
20140		XA539	40										SPP	01										
20141		XA539	41										SPP	01										
20142		XA539	42										SPP	01										
20143		XA539	43										SPP	01										
11767		XA539	44										GND	01	GROUND									
20144		XA539	45										SPP	01										
20145		XA539	46										SPP	01										
20146		XA539	47										SPP	01										
20147		XA539	48										SPP	01										
20148		XA539	49										SPP	01										
20149		XA539	50										SPP	01										
20150		XA539	51										SPP	01										
20151		XA539	52										SPP	01										
20152		XA539	53										SPP	01										
20153		XA539	54										SPP	01										
20154		XA539	55										SPP	01										
20155		XA539	56										SPP	01										
20156		XA539	57										SPP	01										
11768		XA539	58										GND	01	GROUND									
20157		XA539	59										SPP	01										
20158		XA539	60										SPP	01										
20159		XA539	61										SPP	01										
20160		XA539	62										SPP	01										
20161		XA539	63										SPP	01										
20162		XA539	64										SPP	01										
20163		XA539	65										SPP	01										
20164		XA539	66										SPP	01										
11769		XA539	67										GND	01	GROUND									
20165		XA539	68										SPP	01										
20166		XA539	69										SPP	01										
20167		XA539	70										SPP	01										
20168		XA539	71										SPP	01										
20169		XA539	72										SPP	01										
20170		XA539	73										SPP	01										
20171		XA539	74										SPP	01										
20172		XA539	75										SPP	01										
20173		XA539	76										SPP	01										
20174		XA539	77										SPP	01										
20175		XA539	78										SPP	01										
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RECORD NUMBER	FROM				TO				WIRE				SIGNAL	SEQ NO	EQUATION	TERM FACTOR	CKT OR CHIP TYPE	GROUP	LOAD OR POWER PLANE	TEST POINTS AND OR	SIGNAL DESCRIPTION	ECO NO
	PREFIX	CONNECTOR	PIN	OR IN	PREFIX	CONNECTOR	PIN	OR IN	MULTI GROUP	CODE	COLOR	IDENT										
20176		XA539	79										SPP	01								
20177		XA539	80										SPP	01								
20178		XA540	01										SPP	01								
11770		XA540	02										GND	01	GROUND							
20179		XA540	03										SPP	01								
20180		XA540	04										SPP	01								
20181		XA540	05										SPP	01								
20182		XA540	06										SPP	01								
20183		XA540	07										SPP	01								
20184		XA540	08										SPP	01								
20185		XA540	09										SPP	01								
20186		XA540	10										SPP	01								
20187		XA540	11										SPP	01								
00694		XA540	12										+5V	01								
20188		XA540	13										SPP	01								
20189		XA540	14										SPP	01								
20190		XA540	15										SPP	01								
11771		XA540	16										GND	01	GROUND							
20191		XA540	17										SPP	01								
20192		XA540	18										SPP	01								
20193		XA540	19										SPP	01								
20194		XA540	20										SPP	01								
20195		XA540	21										SPP	01								
20196		XA540	22										SPP	01								
20197		XA540	23										SPP	01								
20198		XA540	24										SPP	01								
20199		XA540	25										SPP	01								
20200		XA540	26										SPP	01								
20201		XA540	27										SPP	01								
00695		XA540	28										+5V	01								
20202		XA540	29										SPP	01								
20203		XA540	30										SPP	01								
20204		XA540	31										SPP	01								
11772		XA540	32										GND	01	GROUND							
20205		XA540	33										SPP	01								
20206		XA540	34										SPP	01								
20207		XA540	35										SPP	01								
20208		XA540	36										SPP	01								
20209		XA540	37										SPP	01								
20210		XA540	38										SPP	01								
20211		XA540	39										SPP	01								
20212		XA540	40										SPP	01								
20213		XA540	41										SPP	01								
20214		XA540	42										SPP	01								
20215		XA540	43										SPP	01								
11773		XA540	44										GND	01	GROUND							
20216		XA540	45										SPP	01								
20217		XA540	46										SPP	01								
	CONNECTOR	XA540	CONTINUED ON THE NEXT PAGE ****																			

DRAWING NUMBER 149012-880 CONNECTOR UNIT ASSEMBLY NO. 149012 REV E INDEX XA540
 UNIT ASSEMBLY NAME CARD CAGE ASSY, CPU L.H. FILE IDENT T39B2CP1 DATE 09-03-82 PAGE 419

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	DR PG	MULTI GROUP	CODE	COLOR	IDENT	IPC INST IN USC												
20218		XA540	47										SPP	01										
20219		XA540	48										SPP	01										
20220		XA540	49										SPP	01										
20221		XA540	50										SPP	01										
20222		XA540	51										SPP	01										
20223		XA540	52										SPP	01										
20224		XA540	53										SPP	01										
20225		XA540	54										SPP	01										
20226		XA540	55										SPP	01										
20227		XA540	56										SPP	01										
20228		XA540	57										SPP	01										
11774		XA540	58										GND	01	GROUND									
20229		XA540	59										SPP	01										
20230		XA540	60										SPP	01										
20231		XA540	61										SPP	01										
20232		XA540	62										SPP	01										
20233		XA540	63										SPP	01										
20234		XA540	64										SPP	01										
20235		XA540	65										SPP	01										
20236		XA540	66										SPP	01										
11775		XA540	67										GND	01	GROUND									
20237		XA540	68										SPP	01										
20238		XA540	69										SPP	01										
20239		XA540	70										SPP	01										
20240		XA540	71										SPP	01										
20241		XA540	72										SPP	01										
20242		XA540	73										SPP	01										
20243		XA540	74										SPP	01										
20244		XA540	75										SPP	01										
20245		XA540	76										SPP	01										
20246		XA540	77										SPP	01										
20247		XA540	78										SPP	01										
20248		XA540	79										SPP	01										
20249		XA540	80										SPP	01										
20250		XA541	01										SPP	01										
11776		XA541	02										GND	01	GROUND									
20251		XA541	03										SPP	01										
20252		XA541	04										SPP	01										
20253		XA541	05										SPP	01										
20254		XA541	06										SPP	01										
20255		XA541	07										SPP	01										
20256		XA541	08										SPP	01										
20257		XA541	09										SPP	01										
20258		XA541	10										SPP	01										
20259		XA541	11										SPP	01										
00696		XA541	12										+5V	01										
20260		XA541	13										SPP	01										
20261		XA541	14										SPP	01										
CONNECTOR (XA541) CONTINUED ON THE NEXT PAGE ****																								

DRAWING NUMBER 149012-880 CONNECTOR
 UNIT ASSEMBLY NAME CARD CAGE ASSY, CPU L.H.

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RECORD NUMBER	FROM			D	TO			S	MULTI GROUP	WIRE			SPEC. MISC	SIGNAL	SEQ NO	EQUATION	TERM	FACTOR	CKT OR CHIP TYPE	GROUP	LOAD OR POWER PLANE	TEST POINTS		SIGNAL DESCRIPTION	SCO NO
	PREFIX	CONNECTOR	PIN		PREFIX	CONNECTOR	PIN			CODE	COLOR	IDENT										AND	OR		
20262		XA541	15										SPP	01											
11777		XA541	16										GND	01	GROUND										
20263		XA541	17										SPP	01											
20264		XA541	18										SPP	01											
20265		XA541	19										SPP	01											
20266		XA541	20										SPP	01											
20267		XA541	21										SPP	01											
20268		XA541	22										SPP	01											
20269		XA541	23										SPP	01											
20270		XA541	24										SPP	01											
20271		XA541	25										SPP	01											
20272		XA541	26										SPP	01											
20273		XA541	27										SPP	01											
00697		XA541	28										+5V	01											
20274		XA541	29										SPP	01											
20275		XA541	30										SPP	01											
20276		XA541	31										SPP	01											
11778		XA541	32										GND	01	GROUND										
20277		XA541	33										SPP	01											
20278		XA541	34										SPP	01											
20279		XA541	35										SPP	01											
20280		XA541	36										SPP	01											
20281		XA541	37										SPP	01											
20282		XA541	38										SPP	01											
20283		XA541	39										SPP	01											
20284		XA541	40										SPP	01											
20285		XA541	41										SPP	01											
20286		XA541	42										SPP	01											
20287		XA541	43										SPP	01											
11779		XA541	44										GND	01	GROUND										
20288		XA541	45										SPP	01											
20289		XA541	46										SPP	01											
20290		XA541	47										SPP	01											
20291		XA541	48										SPP	01											
20292		XA541	49										SPP	01											
20293		XA541	50										SPP	01											
20294		XA541	51										SPP	01											
20295		XA541	52										SPP	01											
20296		XA541	53										SPP	01											
20297		XA541	54										SPP	01											
20298		XA541	55										SPP	01											
20299		XA541	56										SPP	01											
20300		XA541	57										SPP	01											
11780		XA541	58										GND	01	GROUND										
20301		XA541	59										SPP	01											
20302		XA541	60										SPP	01											
20303		XA541	61										SPP	01											
20304		XA541	62										SPP	01											
20305		XA541	63										SPP	01											
20306		XA541	64										SPP	01											
CONNECTOR (XA541) CONTINUED ON THE NEXT PAGE ****																									

DRAWING NUMBER
UNIT ASSEMBLY NAME

149012-880
CARD CAGE ASSY, CPU L.H.

CONNECTOR
FILE IDENT

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RECORD NUMBER	FROM			TO	WIRE								SIGNAL	SEQ NO	EQUATION	TERM	FACTOR	CKT OR CHIP TYPE	GROUP	LOAD OR POWER PLANE	TEST POINTS AND OR	SIGNAL DESCRIPTION	ECO NO
	PREFIX	CONNECTOR	PIN		PREFIX	CONNECTOR	PIN	INFO	MULTI GROUP	CODE	COLOR	IDENT											
20307		XA541	65										SPP	01									
20308		XA541	66										SPP	01									
11781		XA541	67										GND	01	GROUND								
20309		XA541	68										SPP	01									
20310		XA541	69										SPP	01									
20311		XA541	70										SPP	01									
20312		XA541	71										SPP	01									
20313		XA541	72										SPP	01									
20314		XA541	73										SPP	01									
20315		XA541	74										SPP	01									
20316		XA541	75										SPP	01									
20317		XA541	76										SPP	01									
20318		XA541	77										SPP	01									
20319		XA541	78										SPP	01									
20320		XA541	79										SPP	01									
20321		XA541	80										SPP	01									
20322		XA542	01										SPP	01									
11782		XA542	02										GND	01	GROUND								
20323		XA542	03										SPP	01									
20324		XA542	04										SPP	01									
20325		XA542	05										SPP	01									
20326		XA542	06										SPP	01									
20327		XA542	07										SPP	01									
20328		XA542	08										SPP	01									
20329		XA542	09										SPP	01									
20330		XA542	10										SPP	01									
20331		XA542	11										SPP	01									
00698		XA542	12										+5V	01									
20332		XA542	13										SPP	01									
20333		XA542	14										SPP	01									
20334		XA542	15										SPP	01									
11783		XA542	16										GND	01	GROUND								
20335		XA542	17										SPP	01									
20336		XA542	18										SPP	01									
20337		XA542	19										SPP	01									
20338		XA542	20										SPP	01									
20339		XA542	21										SPP	01									
20340		XA542	22										SPP	01									
20341		XA542	23										SPP	01									
20342		XA542	24										SPP	01									
20343		XA542	25										SPP	01									
20344		XA542	26										SPP	01									
20345		XA542	27										SPP	01									
00699		XA542	28										+5V	01									
20346		XA542	29										SPP	01									
20347		XA542	30										SPP	01									
20348		XA542	31										SPP	01									
11784		XA542	32										GND	01	GROUND								
CONNECTOR (XA542) CONTINUED ON THE NEXT PAGE ****																							

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CARD CAGE ASSY, CPU L.H.

CONNECTOR
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	PREFIX	CONNECTOR	PIN	EN FC	PREFIX	CONNECTOR	PIN	EN FC	MULTI GROUP	CODE	COLOR	IDEN												SP. LIST VALUE
20349		XA542	33										SPP	01										
20350		XA542	34										SPP	01										
20351		XA542	35										SPP	01										
20352		XA542	36										SPP	01										
20353		XA542	37										SPP	01										
20354		XA542	38										SPP	01										
20355		XA542	39										SPP	01										
20356		XA542	40										SPP	01										
20357		XA542	41										SPP	01										
20358		XA542	42										SPP	01										
20359		XA542	43										SPP	01										
11785		XA542	44										GND	01	GROUND									
20360		XA542	45										SPP	01										
20361		XA542	46										SPP	01										
20362		XA542	47										SPP	01										
20363		XA542	48										SPP	01										
20364		XA542	49										SPP	01										
20365		XA542	50										SPP	01										
20366		XA542	51										SPP	01										
20367		XA542	52										SPP	01										
20368		XA542	53										SPP	01										
20369		XA542	54										SPP	01										
20370		XA542	55										SPP	01										
20371		XA542	56										SPP	01										
20372		XA542	57										SPP	01										
11786		XA542	58										GND	01	GROUND									
20373		XA542	59										SPP	01										
20374		XA542	60										SPP	01										
20375		XA542	61										SPP	01										
20376		XA542	62										SPP	01										
20377		XA542	63										SPP	01										
20378		XA542	64										SPP	01										
20379		XA542	65										SPP	01										
20380		XA542	66										SPP	01										
11787		XA542	67										GND	01	GROUND									
20381		XA542	68										SPP	01										
20382		XA542	69										SPP	01										
20383		XA542	70										SPP	01										
20384		XA542	71										SPP	01										
20385		XA542	72										SPP	01										
20386		XA542	73										SPP	01										
20387		XA542	74										SPP	01										
20388		XA542	75										SPP	01										
20389		XA542	76										SPP	01										
20390		XA542	77										SPP	01										
20391		XA542	78										SPP	01										
20392		XA542	79										SPP	01										
20393		XA542	80										SPP	01										

DRAWING NUMBER
UNIT ASSEMBLY NAME

149012-880
CARD CAGE ASSY, CPU L.H.

CONNECTOR
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RECORD NUMBER	FROM			TO			WIRE							SIGNAL	SEQ NO	EQUATION	TERM	FACTOR	CKT OR CHIP TYPE	GROUP	LOAD OR POWER PLANE	TEST POINTS AND OR	SIGNAL DESCRIPTION	ECO NO
	PREFIX	CONNECTOR	PIN	PREFIX	CONNECTOR	PIN	WIRE NO	MULTI GROUP	CODE	COLOR	IDENT	SPEC INST MISC												
05662		XA543	01		XA543	14			16B	9		P	CTG11J	16	CLKG1B	01	1	TQ2	A2		02B			
21347		XA543	01									J	CTG11O		CTG11O	00	1	TQ2	A2		02B	CLKG1B BUSS		
22758		XA543	02										GND		GROUND			TQ2			01A			
22846		XA543	02				14	1EB	0				CTGMUG	02				TQ2			01A			
23335		XA543	02				11	1EB	0				CTGMCG	02				TQ2			01A			
06743		XA543	03		XA543	04		16B	9				CTGMCB	02	CTG21O	01	1	TQ2	A3		02A			
06744		XA543	04		XA543	10		16B	9				CTGMCB	03	CTG11O	01	1	TQ2	A2		04A			
06762		XA543	05		XA543	07		16B	9				CTGMUB	02	CTG11O	01	2	TQ2	A2		03B			
05625		XA543	06		XA543	21		16B	9		P	CTG01O	17	CLKG0B	01	1	TQ2	A1			05A			
21343		XA543	06								J	CTG01O		CTG01O	00	1	TQ2	A1			05A	CLKG0B BUSS		
06763		XA543	07		XA543	08		16B	9				CTGMUB	03	CTG21O	01	2	TQ2	A3		03A			
06764		XA543	08		XA543	13		16B	9				CTGMUB	04	CTG01O	01	1	TQ2	A1		06A			
05693		XA543	09		XA543	22		16B	9		P	CTG21O	09	CLKG2B	00	1	TQ2	A3			04B			
21351		XA543	09								J	CTG21O		CTG21O	00	1	TQ2	A3			04B	CLKG2B BUSS		
06745		XA543	10		XA543	11		16B	9				CTGMCB	04	CTG01O	01	2	TQ2	A1		07A			
06746		XA543	11		XA543	17		16B	9				CTGMCB	05	CTM04O	01	1	TQ2	A4		05B			
00700		XA543	12										+5V	01				TQ2						
06765		XA543	13		XA543	18		16B	9				CTGMUB	05	CTM04O	01	2	TQ2	A4		06B			
05663		XA543	14		XA543	30		16B	9		P	CTG12O	17	CLKG1B	01	2	TQ2	B2			09A			
21348		XA543	14								J	CTG12O		CTG12O	00	1	TQ2	B2			09A	CLKG1B BUSS		
05758		XA543	15					16B	9				CTM04O	36	CLKM0B	00	1	TQ2	A4		07B			
21358		XA543	15								J	CTM04O		CTM04O	00	1	TQ2	A4			07B	CLKM0B BUSS		
22759		XA543	16										GND		GROUND			TQ2			01B			
06747		XA543	17		XA543	20		16B	9				CTGMCB	06	CTG02O	01	1	TQ2	B3		08B			
06766		XA543	18		XA543	19		16B	9				CTGMUB	06	CTG12O	01	1	TQ2	B2		10A			
06767		XA543	19		XA543	24		16B	9				CTGMUB	07	CTG02O	01	2	TQ2	B3		09B			
06748		XA543	20		XA543	23		16B	9				CTGMCB	07	CTG12O	01	2	TQ2	B2		11A			
05626		XA543	21		XA543	33		16B	9				CTG02O	18	CLKG0B	01	2	TQ2	B3		10B			
21344		XA543	21								P	CTG02O		CTG02O	00	1	TQ2	B3			10B	CLKG0B BUSS		
05694		XA543	22		XA543	38		16B	9		P	CTG22O	10	CLKG2B	01	2	TQ2	B1			12A			
21352		XA543	22								J	CTG22O		CTG22O	00	1	TQ2	B1			12A	CLKG2B BUSS		
06749		XA543	23		XA543	26		16B	9				CTGMCB	08	CTM03O	01	1	TQ2	B4		11B			
06768		XA543	24		XA543	25		16B	9				CTGMUB	08	CTG22O	01	1	TQ2	B1		13A			
06769		XA543	25		XA543	31		16B	9				CTGMUB	09	CTM03O	01	2	TQ2	B4		12B			
06750		XA543	26		XA543	29		16B	9				CTGMCB	09	CTG22O	01	2	TQ2	B1		14A			
05757		XA543	27		XA543	15		16B	9		P	CTM03O	35	CLKM0B	01	2	TQ2	B4			13B			
21357		XA543	27								J	CTM03O		CTM03O	00	1	TQ2	B4			13B	CLKM0B BUSS		
00701		XA543	28										+5V	01				TQ2						
06751		XA543	29		XA543	35		16B	9				CTGMCB	10	CTG03O	01	1	TQ2	C3		14B			
05664		XA543	30		XA543	46		16B	9		P	CTG13O	18	CLKG1B	01	3	TQ2	C2			15A			
21349		XA543	30								J	CTG13O		CTG13O	00	1	TQ2	C2			15A	CLKG1B BUSS		
06770		XA543	31		XA543	34		16B	9				CTGMUB	10	CTG03O	01	2	TQ2	C3		15B			
22760		XA543	32										GND		GROUND			TQ2			20B			
05627		XA543	33		XA543	45		16B	9		P	CTG03O	19	CLKG0B	01	3	TQ2	C3			16B			
21345		XA543	33								J	CTG03O		CTG03O	00	1	TQ2	C3			16B	CLKG0B BUSS		
06771		XA543	34		XA543	37		16B	9				CTGMUB	11	CTG13O	01	1	TQ2	C2		16A			
06752		XA543	35		XA543	36		16B	9				CTGMCB	11	CTM01O	01	1	TQ2	C4		17B			
06753		XA543	36		XA543	40		16B	9				CTGMCB	12	CTG13O	01	2	TQ2	C2		17A			
06772		XA543	37		XA543	42		16B	9				CTGMUB	12	CTM01O	01	2	TQ2	C4		18B			
05695		XA543	38		XA543	51		16B	9		P	CTG23O	11	CLKG2B	01	3	TQ2	C1			18A			
CONNECTOR (XA543) CONTINUED ON THE NEXT PAGE ****																								

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RECORD NUMBER	FROM			TO			WIRE				SIGNAL	SEQ NO	EQUATION	TERM	FACTOR	CKT OR CHIP TYPE	GROUP	LOAD OR POWER PLANE	TEST POINTS AND/OR	SIGNAL DESCRIPTION	ECO NO
	PREFIX	CONNECTOR	PIN	PREFIX	CONNECTOR	PIN	SH TS	MULTI GROUP	CODE	COLOR											
21353		XA543	38									CTG230	00	1	TQ2	C1		18A	CLKG2B BUSS		
05755		XA543	39		XA543	52			16B	9		CTM010	33	01	3	TQ2	C4	19B			
21355		XA543	39									CTM010	00	1	TQ2	C4		19B	CLKM0B BUSS		
06754		XA543	40		XA543	41			16B	9		CTG230	13	01	1	TQ2	C1	19A			
06755		XA543	41		XA543	47			16B	9		CTGMCB	14	01	1	TQ2	D3	22B			
06773		XA543	42		XA543	43			16B	9		CTGMUB	13	01	2	TQ2	C1	20A			
06774		XA543	43		XA543	48			16B	9		CTGMUB	14	01	2	TQ2	D3	23B			
22761		XA543	44									GND				TQ2		21B			
05628		XA543	45		XA340	35			16B	9		CTG040	20	01	4	TQ2	D3	24B			
21346		XA543	45									CTG040	00	1	TQ2	D3		24B	CLKG0B BUSS		
05665		XA543	46		XA547	01			16B	9		CTG140	19	01	4	TQ2	D2	21A			
21350		XA543	46									CTG140	00	1	TQ2	D2		21A	CLKG1B BUSS		
06756		XA543	47		XA543	50			16B	9		CTGMCB	15	01	1	TQ2	D4	25B			
06775		XA543	48		XA543	49			16B	9		CTGMUB	15	01	1	TQ2	D2	22A			
06776		XA543	49		XA543	54			16B	9		CTGMUB	16	01	2	TQ2	D4	26B			
06757		XA543	50		XA543	56			16B	9		CTG140	16	01	2	TQ2	D2	23A			
05696		XA543	51		XA339	75			16B	9		CTG240	12	01	4	TQ2	D4	27B			
21354		XA543	51									CTG240	00	1	TQ2	D4		27B	CLKG2B BUSS		
05756		XA543	52		XA543	27			16B	9		CTM020	34	01	4	TQ2	D1	24A			
21356		XA543	52									CTM020	00	1	TQ2	D1		24A	CLKM0B BUSS		
17567		XA543	53		XA543	59			16B	9		SPA503	02	01	1	TQ2	E3	28B		B05	
06777		XA543	54						16B	9		CTGMUB	17	01	1	TQ2	D1	25A			
17576		XA543	55		XA551	07			16B	9		CMG5BQ	00	01	2	TQ2	E3	29B		B05	
06758		XA543	56						16B	9		CTGMCB	17	01	2	TQ2	D1	26A			
21244		XA543	57		XA451	73			16B	9		CMG5P0	01	01	1	TQ2	E3	30B		B05	
11788		XA543	58									GND	01			TQ2		27A			
17568		XA543	59		XA543	64			16B	9		SPA503	03	01	1	TQ2	E4	31B		B05	
21245		XA543	60		XA451	78			16B	9		CMG4Q0	01	01	1	TQ2	E2	28A		B05	
17577		XA543	61		XA550	22			16B	9		CMG5BP	00	01	2	TQ2	E4	32B		B05	
17578		XA543	62		XA550	24			16B	9		CMG4BP	00	01	2	TQ2	E2	29A		B05	
21246		XA543	63		XA451	76			16B	9		CMG5Q0	01	01	1	TQ2	E4	33B		B05	
17569		XA543	64		XA543	65			16B	9		SPA503	04	01	1	TQ2	E2	30A		B05	
17570		XA543	65		XA543	70			16B	9		SPA503	05	01	1	TQ2	F3	34B		B05	
21247		XA543	66		XA451	61			16B	9		CMG4P0	02	01	1	TQ2	E1	31A		B05	
11789		XA543	67									GND	01			TQ2		40A			
17579		XA543	68		XA551	13			16B	9		CMG4BQ	00	01	2	TQ2	E1	32A		B05	
21248		XA543	69		XA451	79			16B	9		CMG7P0	01	01	1	TQ2	F3	35A		B05	
17571		XA543	70		XA543	73			16B	9		SPA503	06	01	1	TQ2	E1	33A		B05	
17580		XA543	71		XA550	25			16B	9		CMG6BP	00	01	2	TQ2	F2	36A		B05	
21249		XA543	72		XA451	77			16B	9		CMG6Q0	01	01	1	TQ2	F2	34A		B05	
17572		XA543	73		XA543	76			16B	9		SPA503	07	01	1	TQ2	F2	36B		B05	
17581		XA543	74		XA551	19			16B	9		CMG7BQ	00	01	2	TQ2	F3	35B		B05	
21250		XA543	75		XA451	68			16B	9		CMG6P0	01	01	1	TQ2	F1	37B		B05	
17573		XA543	76		XA543	79			16B	9		SPA503	08	01	1	TQ2	F4	37A		B05	
17582		XA543	77		XA551	25			16B	9		CMG6BQ	00	01	2	TQ2	F1	38B		B05	
17583		XA543	78		XA550	26			16B	9		CMG7BQ	00	01	2	TQ2	F4	38A		B05	
17574		XA543	79						16B	9		SPA503	09	01	1	TQ2	F1	39B		B05	
21251		XA543	80		XA451	65			16B	9		CMG7Q0	01	01	1	TQ2	F4	39A		B05	

DRAWING NUMBER
UNIT ASSEMBLY NAME

149012-880
CARD CAGE ASSY, CPU L.H.

CONNECTOR
FILE IDENT

UNIT ASSEMBLY NO. 149012
REV E
DATE 09-03-82

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RECORD NUMBER	FROM				TO				WIRE				SIGNAL	SEQ NO	EQUATION	TERM	FACTOR	CKT OR CHIP TYPE	GROUP	LOAD OR POWER PLANE	TEST POINTS AND/OR	SIGNAL DESCRIPTION	ECO NO
	PREFIX	CONNECTOR	PIN	SHFG	PREFIX	CONNECTOR	PIN	SHFG	MULTI GROUP	CODE	COLOR	IDENT											
11807		XA544	01							16B	9		GR00V0	01	GR00V0	00	1	TQ2	A2		02B		
11790		XA544	02		XA437	13							GND	01	GROUND			TQ2			01A		
10540		XA544	03							16B	9		GC017A	02	GR01W0	01	1	TQ2	A3		02A		
07809		XA544	04		XA545	01				16B	9		DB16GA	01	GR00V0	01	1	TQ2	A2		04A		
07285		XA544	05		XA341	73				16B	9		DB00GA	02	GR00V0	01	2	TQ2	A2		03B		
11809		XA544	06		XA437	07				16B	9		GR00W0	01	GR00W0	00	1	TQ2	A1		05A		
10542		XA544	07							16B	9		GC018A	02	GR01W0	01	2	TQ2	A3		03A		
10538		XA544	08							16B	9		GC016A	02	GR00W0	01	2	TQ2	A1		06A		
11819		XA544	09		XA438	07				16B	9		GR01W0	01	GR01W0	00	1	TQ2	A3		04B		
10536		XA544	10							16B	9		GC015A	02	GR00W0	01	1	TQ2	A1		07A		
07856		XA544	11		XA340	63				16B	9		DB17GA	02	GR01V0	01	1	TQ2	A4		05B		
00702		XA544	12										+5V	01				TQ2					
07315		XA544	13		XA341	63				16B	9		DB01GA	02	GR01V0	01	2	TQ2	A4		06B		
11827		XA544	14		XA440	13				16B	9		GR02V0	01	GR02V0	00	1	TQ2	B2		09A		
11817		XA544	15		XA438	13				16B	9		GR01V0	01	GR01V0	00	1	TQ2	A4		07B		
11791		XA544	16										GND	01	GROUND			TQ2			01B		
10550		XA544	17							16B	9		GC022A	02	GR03W0	01	1	TQ2	B3		08B		
07902		XA544	18		XA340	55				16B	9		DB18GA	02	GR02V0	01	2	TQ2	B2		10A		
10548		XA544	19							16B	9		GC021A	02	GR03W0	01	2	TQ2	B3		09B		
07344		XA544	20		XA545	14				16B	9		DB02GA	01	GR02V0	00	1	TQ2	B2		11A		
11839		XA544	21		XA441	07				16B	9		GR03W0	01	GR03W0	00	1	TQ2	B3		10B		
11829		XA544	22		XA440	07				16B	9		GR02W0	01	GR02W0	00	1	TQ2	B1		12A		
07375		XA544	23		XA341	64				16B	9		DB03GA	02	GR03V0	01	1	TQ2	B4		11B		
10544		XA544	24							16B	9		GC019A	02	GR02W0	01	2	TQ2	B1		13A		
07950		XA544	25		XA340	64				16B	9		DB19GA	02	GR03V0	01	2	TQ2	B4		12B		
10546		XA544	26							16B	9		GC020A	02	GR02W0	01	1	TQ2	B1		14A		
11837		XA544	27		XA441	13				16B	9		GR03V0	01	GR03V0	00	1	TQ2	B4		13B		
00703		XA544	28										+5V	01				TQ2					
10574		XA544	29							16B	9		GC027A	02	GR05W0	01	1	TQ2	C3		14B		
11847		XA544	30		XA442	13				16B	9		GR04V0	01	GR04V0	00	1	TQ2	C2		15A		
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08052		XA544	32										GND		GROUND			TQ2			20B		
11859		XA544	33		XA443	07				16B	9		GR05W0	01	GR05W0	00	1	TQ2	C3		16B		
07998		XA544	34		XA340	51				16B	9		DB20GA	02	GR04V0	01	2	TQ2	C2		16A		
08050		XA544	35		XA340	43				16B	9		DB21GA	02	GR05V0	01	1	TQ2	C4		17B		
07403		XA544	36		XA341	51				16B	9		DB04GA	02	GR04V0	01	1	TQ2	C2		17A		
07433		XA544	37		XA341	43				16B	9		DB05GA	02	GR05V0	01	2	TQ2	C4		18B		
11849		XA544	38		XA442	07				16B	9		GR04W0	01	GR04W0	00	1	TQ2	C1		18A		
11857		XA544	39		XA443	13				16B	9		GR05V0	01	GR05V0	00	1	TQ2	C4		19B		
10572		XA544	40							16B	9		GC026A	02	GR04W0	01	2	TQ2	C1		19A		
10582		XA544	41							16B	9		GC031A	02	GR07W0	01	1	TQ2	D3		22B		
10570		XA544	42							16B	9		GC025A	02	GR04W0	01	1	TQ2	C1		20A		
10584		XA544	43							16B	9		GC032A	02	GR07W0	01	2	TQ2	D3		23B		
08152		XA544	44										GND		GROUND			TQ2			21B		
11879		XA544	45		XA446	07				16B	9		GR07W0	01	GR07W0	00	1	TQ2	D3		24B		
11867		XA544	46		XA445	13				16B	9		GR06V0	01	GR06V0	00	1	TQ2	D2		21A		
08150		XA544	47		XA340	39				16B	9		DB23GA	02	GR07V0	01	1	TQ2	D4		25B		
08100		XA544	48		XA340	50				16B	9		DB22GA	02	GR06V0	01	2	TQ2	D2		22A		
07499		XA544	49		XA341	39				16B	9		DB07GA	02	GR07V0	01	2	TQ2	D4		26B		
07465		XA544	50		XA341	50				16B	9		DB06GA	02	GR06V0	01	1	TQ2	D2		23A		
CONNECTOR (XA544) CONTINUED ON THE NEXT PAGE ****																							

DRAWING NUMBER 149012-880 CONNECTOR UNIT ASSEMBLY NO. 149012 REV E INDEX XA544
 UNIT ASSEMBLY NAME CARD CAGE ASSY, CPU L.H. FILE IDENT T39B2CP1 DATE 09-03-82 PAGE 426

RECORD NUMBER	FROM			DR PG	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		PREFIX	CONNECTOR	PIN	DR PG	MULTI GROUP	CODE	COLOR												
11877		XA544	51			XA446	13			16B	9		GR07V0	01	GF07V0	00	1	TQ2	D4		27B		
11869		XA544	52			XA445	07			16B	9		GR06W0	01	GR06W0	00	1	TQ2	D1		24A		
17445		XA544	53			XA544	61			16B	9		SPA123	10	GR25W0	01	1	TQ2	E3		28B		
10580		XA544	54							16B	9		GC030A	02	GR06W0	01	2	TQ2	D1		25A		
10784		XA544	55							16B	9		GC070A	02	GR25W0	01	2	TQ2	E3		29B		
10578		XA544	56							16B	9		GC029A	02	GR06W0	01	1	TQ2	D1		26A		
12060		XA544	57			XA438	74			16B	9		GR25W0	01	GF25W0	00	1	TQ2	E3		30B		
08209		XA544	58										GND		GR0UND			TQ2			27A		
08263		XA544	59			XA339	36			16B	9		9B25HA	02	GR25V0	01	1	TQ2	E4		31B		
12047		XA544	60			XA437	78			16B	9		GR24V0	01	GR24V0	00	1	TQ2	E2		28A		
17446		XA544	61			XA544	64			16B	9		SPA123	11	GP25V0	01	2	TQ2	E4		32B		
08207		XA544	62			XA339	31			16B	9		DB24HA	02	GR24V0	01	2	TQ2	E2		29A		
12058		XA544	63			XA438	78			16B	9		GR25V0	01	GR25V0	00	1	TQ2	E4		33B		
17447		XA544	64			XA549	37			16B	9		SPA123	12	GR24V0	01	1	TQ2	E2		30A		
10646		XA544	65							16B	9		GC038A	06	GC0230	01	1	TQ2	F3		34B		
12049		XA544	66			XA437	74			16B	9		GR24W0	01	GR24W0	00	1	TQ2	E1		31A		
08265		XA544	67										GND		GR0UND			TQ2			40A		
17452		XA544	68			XA544	73			16B	9		SPA124	04	GR24W0	01	2	TQ2	E1		32A		
10551		XA544	69			XA545	38			16B	9		GC0230	01	GC0230	00	1	TQ2	F3		35A		
10782		XA544	70							16B	9		GC069A	02	GR24W0	01	1	TQ2	F1		33A		
08316		XA544	71			XA547	65			16B	9		DB26HA	01	GR26V0	01	2	TQ2	F2		36A		
12069		XA544	72			XA440	78			16B	9		GR26V0	01	GR26V0	00	1	TQ2	F2		34A		
17453		XA544	73			XA544	78			16B	9		SPA124	05	GR26V0	01	1	TQ2	F2		36B		
10614		XA544	74			XA546	65			16B	9		GC035A	08	GC0230	01	2	TQ2	F3		35B		
12071		XA544	75			XA440	74			16B	9		GR26W0	01	GR26W0	00	1	TQ2	F1		37B		
10636		XA544	76							16B	9		GC037A	06	GC0240	01	1	TQ2	F4		37A		
10786		XA544	77							16B	9		GC071A	02	GR26W0	01	2	TQ2	F1		38B		
17454		XA544	78			XA544	79			16B	9		SPA124	06	GC0240	01	2	TQ2	F4		38A		
17455		XA544	79			XA545	52			16B	9		SPA124	07	GR26W0	01	1	TQ2	F1		39B		
10560		XA544	80			XA545	34			16B	9		GC0240	01	GC0240	00	1	TQ2	F4		39A		
07810		XA545	01			XA340	73			16B	9		DB16GA	02	GC016A	01	2	TT3	A2		02B		
11792		XA545	02										GND		GR0UND			TT3			01B		
10564		XA545	03			XA340	75			16B	9		GC0240	05	GC016A	01	3	TT3	A2		02A		
10535		XA545	04			XA544	10			16B	9		GC015A	01	GC015A	00	1	TT3	A1		04A		
05623		XA545	05			XA545	11			16B	9		CLKG0B	15	GC016A	01	1	TT3	A2		03B		
07284		XA545	06			XA544	05			16B	9		DB00GA	01	GC015A	01	3	TT3	A1		05A		
10537		XA545	07			XA544	08			16B	9		GC016A	01	GC016A	00	1	TT3	A2		03A		
10554		XA545	08			XA545	09			16B	9		GC0230	04	GC015A	01	2	TT3	A1		06A		
10555		XA545	09			XA341	79			16B	9		GC0230	05	GC017A	01	1	TT3	A3		04B		
05622		XA545	10			XA545	05			16B	9		CLKG0B	14	GC015A	01	1	TT3	A1		07A		
05624		XA545	11			XA543	06			16B	9		CLKG0B	16	GC017A	01	2	TT3	A3		05B		
00704		XA545	12										+5V					TT3					
07314		XA545	13			XA544	13			16B	9		DB01GA	01	GC017A	01	3	TT3	A3		06B		
07345		XA545	14			XA341	55			16B	9		DB02GA	02	GC019A	01	2	TT3	B2		09A		
10539		XA545	15			XA544	03			16B	9		GC017A	01	GC017A	00	1	TT3	A3		07B		
11793		XA545	16										GND		GR0UND			TT3			21B		
05621		XA545	17			XA545	10			16B	9		CLKG0B	13	GC019A	01	3	TT3	B2		08B		
10553		XA545	18			XA545	08			16B	9		GC0230	03	GC019A	01	1	TT3	B2		10A		
CONNECTOR (XA545) CONTINUED ON THE NEXT PAGE ****																							

DRAWING NUMBER
UNIT ASSEMBLY NAME

149012-880
CARD CAGE ASSY, CPU L.H.

CONNECTOR
FILE IDENT

UNIT ASSEMBLY NO. 149012
REV E
DATE 09-03-82

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RECORD NUMBER	FROM				TO				WIRE				SIGNAL	SEQ NO	EQUATION	TERM	FACT	CAT 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	CODC	COLOR	IDENT												SPEC INST
10543		XA545	19		XA544	24				16B	9			GC019A	01	GC019A	00	1	TT3	B2		09B		
10541		XA545	20		XA544	07				16B	9			GC018A	01	GC018A	00	1	TT3	B1		11A		
10563		XA545	21		XA545	03				16B	9			GC0240	04	GC020A	01	1	TT3	B3		10B		
07855		XA545	22		XA544	11				16B	9			DB17GA	01	GC018A	01	3	TT3	B1		12A		
05620		XA545	23		XA545	17				16B	9			CLKG0B	12	GC020A	01	2	TT3	B3		11B		
10562		XA545	24		XA545	21				16B	9			GC0240	03	GC018A	01	2	TT3	B1		13A		
07901		XA545	25		XA544	18				16B	9			DB18GA	01	GC020A	01	3	TT3	B3		12B		
05618		XA545	26		XA545	29				16B	9			CLKG0B	10	GC018A	01	1	TT3	B1		14A		
10545		XA545	27		XA544	26				16B	9			GC020A	01	GC020A	00	1	TT3	R3		13B		
00705		XA545	28											+5V	01				TT3					
05619		XA545	29		XA545	23				16B	9			CLKG0B	11	GC022A	01	3	TT3	C2		14B		
07949		XA545	30		XA544	25				16B	9			DB19GA	01	GC022A	01	2	TT3	C2		15A		
10549		XA545	31		XA544	17				16B	9			GC022A	01	GC022A	00	1	TT3	C2		15B		
10585		XA545	32											GND		GRUUND			TT3			27A		
10591		XA545	33		XA341	54				16B	9			GC0330	05	GC025A	01	1	TT3	C3		16B		
10561		XA545	34		XA545	24				16B	9			GC0240	02	GC022A	01	1	TT3	C2		16A		
05617		XA545	35		XA545	26				16B	9			CLKG0B	09	GC025A	01	2	TT3	C3		17B		
10547		XA545	36		XA544	19				16B	9			GC021A	01	GC021A	00	1	TT3	C1		17A		
07402		XA545	37		XA544	36				16B	9			DB04GA	01	GC025A	01	3	TT3	C3		18B		
10552		XA545	38		XA545	18				16B	9			GC0230	02	GC021A	01	3	TT3	C1		18A		
10569		XA545	39		XA544	42				16B	9			GC025A	01	GC025A	00	1	TT3	C3		19B		
07374		XA545	40		XA544	23				16B	9			DB03GA	01	GC021A	01	2	TT3	C1		19A		
10590		XA545	41		XA545	33				16B	9			GC0330	04	GC027A	01	3	TT3	D2		22B		
05615		XA545	42		XA545	46				16B	9			CLKG0B	07	GC021A	01	1	TT3	C1		20A		
10573		XA545	43		XA544	29				16B	9			GC027A	01	GC027A	00	1	TT3	D2		23B		
10808		XA545	44											GND		GRUUND			TT3			40A		
08049		XA545	45		XA544	35				16B	9			DB21GA	01	GC028A	01	1	TT3	D3		24B		
05616		XA545	46		XA545	35				16B	9			CLKG0B	08	GC027A	01	2	TT3	D2		21A		
05614		XA545	47		XA545	42				16B	9			CLKG0B	06	GC028A	01	2	TT3	D3		25B		
07432		XA545	48		XA544	37				16B	9			DB05GA	01	GC027A	01	1	TT3	D2		22A		
10601		XA545	49		XA549	38				16B	9			GC0340	04	GC028A	01	3	TT3	D3		26B		
10814		XA545	50		XA339	24				16B	9			GC0780	05	GC0780	00	1	TT3	D1		23A		
10575		XA545	51		XA544	31				16B	9			GC028A	01	GC028A	00	1	TT3	D3		27B		
17456		XA545	52		XA546	55				16B	9			SPA124	08	GC0780	01	3	TT3	D1		24A		
10600		XA545	53		XA545	49				16B	9			GC0340	03	GC030A	01	3	TT3	E2		28B		
10616		XA545	54							16B	9			GC035A	10	GC0780	01	2	TT3	D1		25A		
10579		XA545	55		XA544	54				16B	9			GC030A	01	GC030A	00	1	TT3	E2		29B		
10626		XA545	56							16B	9			GC036A	06	GC0780	01	1	TT3	D1		26A		
10589		XA545	57		XA545	41				16B	9			GC0330	03	GC031A	01	1	TT3	E3		30B		
11794		XA545	58											GND	01	GRUUND			TT3			40B		
05612		XA545	59		XA545	60				16B	9			CLKG0B	04	GC031A	01	2	TT3	E3		31B		
05613		XA545	60		XA545	47				16B	9			CLKG0B	05	GC030A	01	2	TT3	E2		28A		
07498		XA545	61		XA544	49				16B	9			DB07GA	01	GC031A	01	3	TT3	E3		32B		
08099		XA545	62		XA544	48				16B	9			DB22GA	01	GC030A	01	1	TT3	E2		29A		
10581		XA545	63		XA544	41				16B	9			GC031A	01	GC031A	00	1	TT3	E3		33B		
10577		XA545	64		XA544	56				16B	9			GC029A	01	GC029A	00	1	TT3	E1		30A		
08206		XA545	65		XA544	62				16B	9			DB24HA	01	GC069A	01	3	TT3	F2		34B		
07464		XA545	66		XA544	50				16B	9			DB06GA	01	GC029A	01	3	TT3	E1		31A		
11795		XA545	67											GND	01	GRUUND			TT3					
10588		XA545	68		XA545	57				16B	9			GC0330	02	GC029A	01	2	TT3	E1		32A		
CONNECTOR (XA545) CONTINUED ON THE NEXT PAGE ****																								

DRAWING NUMBER 149012-880 CONNECTOR UNIT ASSEMBLY NO. 149012 REV E INDEX XA545
 UNIT ASSEMBLY NAME CARD CAGE ASSY, CPU L.H. FILE IDENT T39B2CP1 DATE 09-03-82 PAGE 428

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											
05685		XA545	69		XA545	71				16B	9		CLKG2B	01	GC070A	01	1	TT3	F3		35A		
05611		XA545	70		XA545	59				16B	9		CLKG0B	03	GC029A	01	1	TT3	F1		33A		
05686		XA545	71		XA547	69				16B	9		CLKG2B	02	GC069A	01	1	TT3	F2		36A		
10792		XA545	72		XA547	76				16B	9		GC0730	02	GC069A	01	2	TT3	F2		34A		
10583		XA545	73		XA544	43				16B	9		GC032A	01	GC032A	00	1	TT3	F1		36B		
10781		XA545	74		XA544	70				16B	9		GC069A	01	GC069A	00	1	TT3	F2		35B		
05610		XA545	75		XA545	70				16B	9		CLKG0B	02	GC032A	01	3	TT3	F1		37B		
10791		XA545	76		XA545	72				16B	9		GC0730	01	GC070A	01	2	TT3	F3		37A		
10599		XA545	77		XA545	53				16B	9		GC0340	02	GC032A	01	2	TT3	F1		38B		
08262		XA545	78		XA544	59				16B	9		DB25HA	01	GC070A	01	3	TT3	F3		38A		
08149		XA545	79		XA544	47				16B	9		DB23GA	01	GC032A	01	1	TT3	F1		39B		
10783		XA545	80		XA544	55				16B	9		GC070A	01	GC070A	00	1	TT3	F3		39A		
11887		XA546	01		XA437	37				16B	9		GR08V0	01	GR08V0	00	1	TQ2	A2		02B		
08260		XA546	02										GND		GRGUND			TQ2			01A		
10656		XA546	03							16B	9		GC041A	02	GR09W0	01	1	TQ2	A3		02A		
08201		XA546	04		XA547	05				16B	9		DB24GA	01	GR08V0	01	1	TQ2	A2		04A		
07531		XA546	05		XA341	31				16B	9		DB08GA	02	GR08V0	01	2	TQ2	A2		03B		
11889		XA546	06		XA437	31				16B	9		GR08W0	01	GR08W0	00	1	TQ2	A1		05A		
10658		XA546	07							16B	9		GC042A	02	GR09W0	01	2	TQ2	A3		03A		
10654		XA546	08							16B	9		GC040A	02	GR08W0	01	2	TQ2	A1		06A		
11899		XA546	09		XA438	31				16B	9		GR09W0	01	GR09W0	00	1	TQ2	A3		04B		
10652		XA546	10							16B	9		GC039A	02	GR08W0	01	1	TQ2	A1		07A		
08258		XA546	11		XA340	36				16B	9		DB25GA	02	GR09V0	01	1	TQ2	A4		05B		
00706		XA546	12										+5V	01				TQ2					
07563		XA546	13		XA341	36				16B	9		DB09GA	02	GR09V0	01	2	TQ2	A4		06B		
11907		XA546	14		XA440	37				16B	9		GR10V0	01	GR10V0	00	1	TQ2	B2		09A		
11897		XA546	15		XA438	37				16B	9		GR09V0	01	GR09V0	00	1	TQ2	A4		07B		
08492		XA546	16										GND		GRGUND			TQ2			01B		
10666		XA546	17							16B	9		GC046A	02	GR11W0	01	1	TQ2	B3		08B		
08312		XA546	18		XA340	27				16B	9		DB26GA	02	GR10V0	01	2	TQ2	B2		10A		
10664		XA546	19							16B	9		GC045A	02	GR11W0	01	2	TQ2	B3		09B		
07594		XA546	20		XA547	14				16B	9		DB10GA	01	GR10V0	01	1	TQ2	B2		11A		
11919		XA546	21		XA441	31				16B	9		GR11W0	01	GR11W0	00	1	TQ2	B3		10B		
11909		XA546	22		XA440	31				16B	9		GR10W0	01	GR10W0	00	1	TQ2	B1		12A		
07629		XA546	23		XA341	19				16B	9		DB11GA	02	GR11V0	01	1	TQ2	B4		11B		
10660		XA546	24							16B	9		GC043A	02	GR10W0	01	2	TQ2	B1		13A		
08366		XA546	25		XA340	19				16B	9		DB27GA	02	GR11V0	01	2	TQ2	B4		12B		
10662		XA546	26							16B	9		GC044A	02	GR10W0	01	1	TQ2	B1		14A		
11917		XA546	27		XA441	37				16B	9		GR11V0	01	GR11V0	00	1	TQ2	B4		13B		
00707		XA546	28										+5V	01				TQ2					
10672		XA546	29							16B	9		GC049A	02	GR13W0	01	1	TQ2	C3		14B		
11927		XA546	30		XA442	37				16B	9		GR12V0	01	GR12V0	00	1	TQ2	C2		15A		
10674		XA546	31							16B	9		GC050A	02	GR13W0	01	2	TQ2	C3		15B		
08368		XA546	32										GND		GROUND			TQ2			20B		
11939		XA546	33		XA443	31				16B	9		GR13W0	01	GR13W0	00	1	TQ2	C3		16B		
08429		XA546	34		XA340	20				16B	9		DB28GA	02	GR12V0	01	2	TQ2	C2		16A		
08489		XA546	35		XA340	15				16B	9		DB29GA	02	GR13V0	01	1	TQ2	C4		17B		
07663		XA546	36		XA341	20				16B	9		DB12GA	02	GR12V0	01	1	TQ2	C2		17A		
CONNECTOR (XA546) CONTINUED ON THE NEXT PAGE ****																							

DRAWING NUMBER 149012-880 CONNECTOR UNIT ASSEMBLY NO. 149012 REV E INDEX XA546
 UNIT ASSEMBLY NAME CARD CAGE ASSY, CPU L.H. FILE IDENT T39B2CP1 DATE 09-03-82 PAGE 429

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											
07695		XA546	37		XA341	15		16B	9			DB13GA	02	GR13V0	01	2	TQ2	C4		18B	
11929		XA546	38		XA442	31		16B	9			GR12W0	01	GR12W0	00	1	TQ2	C1		18A	
11937		XA546	39		XA443	37		16B	9			GR13V0	01	GR13V0	00	1	TQ2	C4		19B	
10668		XA546	40					16B	9			GC047A	02	GR12W0	01	2	TQ2	C1		19A	
10680		XA546	41					16B	9			GC053A	02	GR15W0	01	1	TQ2	D3		22B	
10670		XA546	42					16B	9			GC048A	02	GR12W0	01	1	TQ2	C1		20A	
10682		XA546	43					16B	9			GC054A	02	GR15W0	01	2	TQ2	D3		23B	
08432		XA546	44									GND		GROUND			TQ2			21B	
11959		XA546	45		XA446	31		16B	9			GR15W0	01	GR15W0	00	1	TQ2	D3		24B	
11947		XA546	46		XA445	37		16B	9			GR14V0	01	GR14V0	00	1	TQ2	D2		21A	
08609		XA546	47		XA340	04		16B	9			DB31GA	02	GR15V0	01	1	TQ2	D4		25B	
08549		XA546	48		XA340	07		16B	9			DB30GA	02	GR14V0	01	2	TQ2	D2		22A	
07763		XA546	49		XA341	04		16B	9			DB15GA	02	GR15V0	01	2	TQ2	D4		26B	
07729		XA546	50		XA341	07		16B	9			DB14GA	02	GR14V0	01	1	TQ2	D2		23A	
11957		XA546	51		XA446	37		16B	9			GR15V0	01	GR15V0	00	1	TQ2	D4		27B	
11949		XA546	52		XA445	31		16B	9			GR14W0	01	GR14W0	00	1	TQ2	D1		24A	
10801		XA546	53					16B	9			GC074A	02	GR28W0	01	1	TQ2	E3		28B	
10678		XA546	54					16B	9			GC052A	02	GR14W0	01	2	TQ2	D1		25A	
17457		XA546	55		XA546	61		16B	9			SPA124	09	GR28W0	01	2	TQ2	E3		29B	
10676		XA546	56					16B	9			GC051A	02	GR14W0	01	1	TQ2	D1		26A	
12093		XA546	57		XA442	74		16B	9			GR28W0	01	GR28W0	00	1	TQ2	E3		30B	
08611		XA546	58									GND		GROUND			TQ2			27A	
08433		XA546	59		XA549	52		16B	9			DB28HA	01	GR28V0	01	1	TQ2	E4		31B	
12080		XA546	60		XA441	78		16B	9			GR27V0	01	GR27V0	00	1	TQ2	E2		28A	
17458		XA546	61		XA546	62		16B	9			SPA124	10	GR28V0	01	2	TQ2	E4		32B	
17459		XA546	62					16B	9			SPA124	11	GR27V0	01	2	TQ2	E2		29A	
12091		XA546	63		XA442	78		16B	9			GR28V0	01	GR28V0	00	1	TQ2	E4		33B	
08371		XA546	64		XA339	19		16B	9			DB27HA	02	GR27V0	01	1	TQ2	E2		30A	
10615		XA546	65		XA545	54		16B	9			GC035A	09	GC0330	01	1	TQ2	F3		34B	
12082		XA546	66		XA441	74		16B	9			GR27W0	01	GR27W0	00	1	TQ2	E1		31A	
08373		XA546	67									GND		GROUND			TQ2			40A	
17462		XA546	68		XA546	73		16B	9			SPA125	03	GR27W0	01	2	TQ2	E1		32A	
10587		XA546	69		XA545	68		16B	9			GC0330	01	GC0330	00	1	TQ2	F3		35A	
10788		XA546	70					16B	9			GC072A	02	GR27W0	01	1	TQ2	E1		33A	
08493		XA546	71		XA549	46		16B	9			DB29HA	01	GR29V0	01	2	TQ2	F2		36A	
12102		XA546	72		XA443	78		16B	9			GR29V0	01	GR29V0	00	1	TQ2	F2		34A	
17463		XA546	73		XA546	78		16B	9			SPA125	04	GR29V0	01	1	TQ2	F2		36B	
10645		XA546	74		XA544	65		16B	9			GC038A	05	GC0330	01	2	TQ2	F3		35B	
12104		XA546	75		XA443	74		16B	9			GR29W0	01	GR29W0	00	1	TQ2	F1		37B	
10635		XA546	76		XA544	76		16B	9			GC037A	05	GC0340	01	1	TQ2	F4		37A	
10803		XA546	77					16B	9			GC075A	02	GR29W0	01	2	TQ2	F1		38B	
17464		XA546	78		XA546	79		16B	9			SPA125	05	GC0340	01	2	TQ2	F4		38A	
17465		XA546	79		XA548	04		16B	9			SPA125	06	GR29W0	01	1	TQ2	F1		39B	
10598		XA546	80		XA545	77		16B	9			GC0340	01	GC0340	00	1	TQ2	F4		39A	
05666		XA547	01		XA340	42		16B	9			CLKG1B	20	GC040A	01	2	TT3	A2		02B	
22762		XA547	02									GND		GROUND			TT3			01B	
10700		XA547	03		XA340	38		16B	9			GC0560	05	GC040A	01	3	TT3	A2		02A	
10651		XA547	04		XA546	10		16B	9			GC039A	01	GC039A	00	1	TT3	A1		04A	
CONNECTOR	XA547	CONTINUED ON THE NEXT PAGE ****																			

DRAWING NUMBER 149012-880 CONNECTOR UNIT ASSEMBLY NO. 149012 REV E INDEX XA547
 UNIT ASSEMBLY NAME CARD CAGE ASSY, CPU L.H. FILE IDENT T39B2CP1 DATE 09-03-82 PAGE 430

RECORD NUMBER	FROM			DR TO	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		PREFIX	CONNECTOR	PIN	MULTI GROUP	CODE	COLOR	IDENT											
08202		XA547	05			XA340	31				16B	9										03B
07530		XA547	06			XA546	05				16B	9										05A
10653		XA547	07			XA546	08				16B	9										03A
10688		XA547	08			XA547	09				16B	9										06A
10689		XA547	09			XA341	42				16B	9										04B
05659		XA547	10			XA547	17				16B	9										07A
05661		XA547	11			XA543	01				16B	9										05B
00708		XA547	12																			
07562		XA547	13			XA546	13				16B	9										06B
07595		XA547	14			XA341	27				16B	9										09A
10655		XA547	15			XA546	03				16B	9										07B
10694		XA547	16																			21B
05660		XA547	17			XA547	11				16B	9										08B
10687		XA547	18			XA547	08				16B	9										10A
10659		XA547	19			XA546	24				16B	9										09B
10657		XA547	20			XA546	07				16B	9										11A
10699		XA547	21			XA547	03				16B	9										10B
08257		XA547	22			XA546	11				16B	9										12A
05658		XA547	23			XA547	10				16B	9										11B
10698		XA547	24			XA547	21				16B	9										13A
08311		XA547	25			XA546	18				16B	9										12B
05657		XA547	26			XA547	23				16B	9										14A
10661		XA547	27			XA546	26				16B	9										13B
00709		XA547	28																			
08365		XA547	29			XA546	25				16B	9										14B
05656		XA547	30			XA547	26				16B	9										15A
10665		XA547	31			XA546	17				16B	9										15B
10705		XA547	32																			27A
10711		XA547	33			XA341	24				16B	9										16B
10697		XA547	34			XA547	24				16B	9										16A
05655		XA547	35			XA547	30				16B	9										17B
10663		XA547	36			XA546	19				16B	9										17A
07662		XA547	37			XA546	36				16B	9										18B
07628		XA547	38			XA546	23				16B	9										18A
10667		XA547	39			XA546	40				16B	9										19B
10686		XA547	40			XA547	18				16B	9										19A
10710		XA547	41			XA547	33				16B	9										22B
05653		XA547	42			XA547	46				16B	9										20A
10671		XA547	43			XA546	29				16B	9										23B
10716		XA547	44																			40A
10722		XA547	45			XA340	24				16B	9										24B
05654		XA547	46			XA547	35				16B	9										21A
05652		XA547	47			XA547	42				16B	9										25B
07694		XA547	48			XA546	37				16B	9										22A
08488		XA547	49			XA546	35				16B	9										26B
10669		XA547	50			XA546	42				16B	9										23A
10673		XA547	51			XA546	31				16B	9										27B
08428		XA547	52			XA546	34				16B	9										24A
05651		XA547	53			XA547	47				16B	9										28B
10721		XA547	54			XA547	45				16B	9										25A
CONNECTOR (XA547) CONTINUED ON THE NEXT PAGE ****																						

DRAWING NUMBER 149012-880 CONNECTOR UNIT ASSEMBLY NO. 149012 REV E INDEX XA547
 UNIT ASSEMBLY NAME CARD CAGE ASSY, CPU L.H. FILE IDENT T39B2CP1 DATE 09-03-82 PAGE 431

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	218	PREFIX	CONNECTOR	PIN	218	MULTI GROUP	CODE	COLOR											
10677		XA547	55		XA546	54				168	9		GC052A	01	GC052A	00	1	TT3	E2		29B	
05650		XA547	56		XA547	53				168	9		CLKG1B	04	GC048A	01	1	TT3	D1		26A	
10709		XA547	57		XA547	41				168	9		GC0570	03	GC053A	01	1	TT3	E3		30B	
11796		XA547	58										GND	01	GROUND			TT3			40B	
05649		XA547	59		XA547	56				168	9		CLKG1B	03	GC053A	01	2	TT3	E3		31B	
08548		XA547	60		XA546	48				163	9		DB30GA	01	GC052A	01	2	TT3	E2		28A	
07762		XA547	61		XA546	49				168	9		DB15GA	01	GC053A	01	3	TT3	E3		32B	
10720		XA547	62		XA547	54				168	9		GC0580	03	GC052A	01	1	TT3	E2		29A	
10679		XA547	63		XA546	41				168	9		GC053A	01	GC053A	00	1	TT3	E3		33B	
10675		XA547	64		XA546	56				168	9		GC051A	01	GC051A	00	1	TT3	E1		30A	
08317		XA547	65		XA339	27				168	9		DB26HA	02	GC071A	01	3	TT3	F2		34B	
07728		XA547	66		XA546	50				168	9		DB14GA	01	GC051A	01	3	TT3	E1		31A	
08319		XA547	67										GND		GROUND			TT3				
10708		XA547	68		XA547	57				168	9		GC0570	02	GC051A	01	2	TT3	E1		32A	
05687		XA547	69		XA547	71				168	9		CLKG2B	03	GC072A	01	1	TT3	F3		35A	
05648		XA547	70		XA547	59				168	9		CLKG1B	02	GC051A	01	1	TT3	E1		33A	
05688		XA547	71		XA549	66				168	9		CLKG2B	04	GC071A	01	1	TT3	F2		36A	
10794		XA547	72		XA549	27				168	9		GC0730	04	GC071A	01	2	TT3	F2		34A	
10681		XA547	73		XA546	43				168	9		GC054A	01	GC054A	00	1	TT3	F1		36B	
10785		XA547	74		XA544	77				168	9		GC071A	01	GC071A	00	1	TT3	F2		35B	
05647		XA547	75		XA547	70				168	9		CLKG1B	01	GC054A	01	3	TT3	F1		37B	
10793		XA547	76		XA547	72				168	9		GC0730	03	GC072A	01	2	TT3	F3		37A	
10719		XA547	77		XA547	62				168	9		GC0580	02	GC054A	01	2	TT3	F1		38B	
08370		XA547	78		XA546	64				168	9		DB27HA	01	GC072A	01	3	TT3	F3		38A	
08608		XA547	79		XA546	47				168	9		DB31GA	01	GC054A	01	1	TT3	F1		39B	
10787		XA547	80		XA546	70				168	9		GC072A	01	GC072A	00	1	TT3	F3		39A	
11967		XA548	01		XA437	49				168	9		GR16V0	01	GR16V0	00	1	TQ2	A2		02B	
10733		XA548	02										GND		GROUND			TQ2			01A	
10731		XA548	03		XA338	36				168	9		GC060A	01	GR17W0	01	1	TQ2	A3		02A	
17466		XA548	04		XA548	07				168	9		SPA125	07	GR16V0	01	1	TQ2	A2		04A	
07812		XA548	05		XA339	73				168	9		DB16HA	01	GR16V0	01	2	TQ2	A2		03B	
11969		XA548	06		XA437	43				168	9		GR16W0	01	GR16W0	00	1	TQ2	A1		05A	
17467		XA548	07		XA548	10				168	9		SPA125	08	GR17W0	01	2	TQ2	A3		03A	
10727		XA548	08		XA338	31				168	9		GC059A	01	GR16W0	01	2	TQ2	A1		06A	
11978		XA548	09		XA438	43				168	9		GR17W0	01	GR17W0	00	1	TQ2	A3		04B	
17468		XA548	10		XA548	13				168	9		SPA125	09	GR16W0	01	1	TQ2	A1		07A	
07858		XA548	11		XA339	63				168	9		DB17HA	01	GR17V0	01	1	TQ2	A4		05B	
00710		XA548	12										+5V					TQ2				
17469		XA548	13		XA548	19				168	9		SPA125	10	GR17W0	01	2	TQ2	A4		06B	
11985		XA548	14		XA440	49				168	9		GR18V0	01	GR18V0	00	1	TQ2	B2		09A	
11976		XA548	15		XA438	49				168	9		GR17V0	01	GR17V0	00	1	TQ2	A4		07B	
10737		XA548	16										GND		GROUND			TQ2			01B	
10739		XA548	17		XA338	19				168	9		GC062A	01	GR19W0	01	1	TQ2	B3		08B	
07904		XA548	18		XA339	55				168	9		DB18HA	01	GR18V0	01	2	TQ2	B2		10A	
17470		XA548	19							168	9		SPA125	11	GR19W0	01	2	TQ2	B3		09B	
17472		XA548	20		XA548	25				168	9		SPA126	02	GR18V0	01	1	TQ2	B2		11A	
11996		XA548	21		XA441	43				168	9		GR19W0	01	GR19W0	00	1	TQ2	B3		10B	
11987		XA548	22		XA440	43				168	9		GR18W0	01	GR18W0	00	1	TQ2	B1		12A	
CONNECTOR (XA548) CCNTINUED ON THE NEXT PAGE ****																						

DRAWING NUMBER 149012-880 CONNECTOR UNIT ASSEMBLY NO. 149012 REV E INDEX XA548
 UNIT ASSEMBLY NAME CARD CAGE ASSY, CPU L.H. FILE IDENT T39B2CP1 DATE 09-03-82 PAGE 432

RECORD NUMBER	FROM			TO			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 AND OR	SIGNAL DESCRIPTION	ECO NO
	PREFIX	CONNECTOR	PIN	PREFIX	CONNECTOR	PIN																
07952		XA548	23		XA339	64		168	9			DB19HA	01	GR19V0	01	1	TQ2	R4		11B		
10735		XA548	24		XA338	27		168	9			GC061A	01	GR18W0	01	2	TQ2	R1		13A		
17473		XA548	25		XA548	26		168	9			SPA126	03	GR19V0	01	2	TQ2	R4		12B		
17474		XA548	26		XA548	31		168	9			SPA126	04	GR18W0	01	1	TQ2	R1		14A		
11994		XA548	27		XA441	49		168	9			GR19V0	01	GR19V0	00	1	TQ2	R4		13B		
00711		XA548	28									+5V	01				TQ2					
10758		XA548	29		XA338	15		168	9			GC065A	01	GR21W0	01	1	TQ2	C3		14B		
12003		XA548	30		XA442	49		168	9			GR20V0	01	GR20V0	00	1	TQ2	C2		15A		
17475		XA548	31		XA548	36		168	9			SPA126	05	GF21W0	01	2	TQ2	C3		15B		
08057		XA548	32									GND		GRCUND			TQ2			20B		
12016		XA548	33		XA443	43		168	9			GR21W0	01	GR21W0	00	1	TQ2	C3		16B		
08002		XA548	34		XA339	51		168	9			DB20HA	01	GR20V0	01	2	TQ2	C2		16A		
08054		XA548	35		XA339	43		168	9			DB21HA	01	GR21V0	01	1	TQ2	C4		17B		
17476		XA548	36		XA548	37		168	9			SPA126	06	GR20V0	01	1	TQ2	C2		17A		
17477		XA548	37		XA548	42		168	9			SPA126	07	GR21V0	01	2	TQ2	C4		18B		
12005		XA548	38		XA442	43		168	9			GR20W0	01	GR20W0	00	1	TQ2	C1		18A		
12014		XA548	39		XA443	49		168	9			GR21V0	01	GR21V0	00	1	TQ2	C4		19B		
10754		XA548	40		XA338	20		168	9			GC064A	01	GR20W0	01	2	TQ2	C1		19A		
10766		XA548	41		XA338	04		168	9			GC067A	01	GR23W0	01	1	TQ2	D3		22B		
17478		XA548	42		XA548	43		168	9			SPA126	08	GR20W0	01	1	TQ2	C1		20A		
17479		XA548	43		XA548	49		168	9			SPA126	09	GR23W0	01	2	TQ2	D3		23B		
10768		XA548	44									GND		GROUND			TQ2			21B		
12038		XA548	45		XA446	43		168	9			GR23W0	01	GR23W0	00	1	TQ2	D3		24B		
12025		XA548	46		XA445	49		168	9			GR22V0	01	GR22V0	00	1	TQ2	D2		21A		
08154		XA548	47		XA339	39		168	9			DB23HA	01	GR23V0	01	1	TQ2	D4		25B		
08104		XA548	48		XA339	50		168	9			DB22HA	01	GR22V0	01	2	TQ2	D2		22A		
17480		XA548	49		XA548	50		168	9			SPA126	10	GR23V0	01	2	TQ2	D4		26B		
17481		XA548	50									SPA126	11	GR22V0	01	1	TQ2	D2		23A		
12036		XA548	51		XA446	49		168	9			GR23V0	01	GR23V0	00	1	TQ2	D4		27B		
12027		XA548	52		XA445	43		168	9			GR22W0	01	GR22W0	00	1	TQ2	D1		24A		
17483		XA548	53		XA548	56		168	9			SPA127	02	GR31W0	01	1	TQ2	E3		28B		
10762		XA548	54		XA338	07		168	9			GC066A	01	GR22W0	01	2	TQ2	D1		25A		
10807		XA548	55									GC077A	02	GR31W0	01	2	TQ2	E3		29B		
17484		XA548	56		XA548	61		168	9			SPA127	03	GR22W0	01	1	TQ2	D1		26A		
12126		XA548	57		XA446	74		168	9			GR31W0	01	GR31W0	00	1	TQ2	E3		30B		
10761		XA548	58									GND		GROUND			TQ2			27A		
08614		XA548	59		XA339	04		168	9			DB31HA	02	GR31V0	01	1	TQ2	E4		31B		
12113		XA548	60		XA445	78		168	9			GR30V0	01	GR30V0	00	1	TQ2	E2		28A		
17485		XA548	61		XA548	64		168	9			SPA127	04	GR31V0	01	2	TQ2	E4		32B		
08553		XA548	62		XA549	49		168	9			DB30HA	01	GR30V0	01	2	TQ2	E2		29A		
12124		XA548	63		XA446	78		168	9			GR31V0	01	GR31V0	00	1	TQ2	E4		33B		
17486		XA548	64		XA548	70		168	9			SPA127	05	GR30V0	01	1	TQ2	E2		30A		
10612		XA548	65		XA548	77		168	9			GC035A	06	GC0570	01	1	TQ2	F3		34B		
12115		XA548	66		XA445	74		168	9			GR30W0	01	GR30W0	00	1	TQ2	E1		31A		
10756		XA548	67									GND		GRCUND			TQ2			40A		
10805		XA548	68					168	9			GC076A	02	GR30W0	01	2	TQ2	E1		32A		
10707		XA548	69		XA547	68		168	9			GC0570	01	GC0570	00	1	TQ2	F3		35A		
17487		XA548	70		XA548	71		168	9			SPA127	06	GR30W0	01	1	TQ2	E1		33A		
17488		XA548	71		XA548	78		168	9			SPA127	07	GC0560	01	2	TQ2	F2		36A		
10696		XA548	72		XA547	34		168	9			GC0560	01	GC0560	00	1	TQ2	F2		34A		
CONNECTOR (XA548) CONTINUED ON THE NEXT PAGE ****																						

DRAWING NUMBER 149012-880 CONNECTOR UNIT ASSEMBLY NO. 149012 REV E INDEX XA548
 UNIT ASSEMBLY NAME CARD CAGE ASSY, CPU L.H. FILE IDENT T39B2CP1 DATE 09-03-82 PAGE 433

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											
10633		XA548	73			XA548	76			16B	9		GC037A	03	GC0560	01	1	TQ2	F2		36B		
10644		XA548	74			XA546	74			16B	9		GC038A	04	GC0570	01	2	TQ2	F3		35B		
10685		XA548	75			XA547	40			16B	9		GC0550	01	GC0550	00	1	TQ2	F1		37B		
10634		XA548	76			XA546	76			16B	9		GC037A	04	GC0580	01	1	TQ2	F4		37A		
10613		XA548	77			XA544	74			16B	9		GC035A	07	GC0550	01	2	TQ2	F1		38B		
17489		XA548	78			XA549	03			16B	9		SPA127	08	GC0580	01	2	TQ2	F4		38A		
10643		XA548	79			XA548	74			16B	9		GC038A	03	GC0550	01	1	TQ2	F1		39B		
10718		XA548	80			XA547	77			16B	9		GC0580	01	GC0580	00	1	TQ2	F4		39A		
10510		XA549	01							16B	9		GC0110	03	GC001A	01	2	TT3	A2		02B		
11797		XA549	02										GND	01	GROUND			TT3			01B		
17490		XA549	03			XA549	08			16B	9		SPA127	09	GC001A	01	3	TT3	A2		02A		
10420		XA549	04			XA451	37			16B	9		GC000A	03	GC000A	00	1	TT3	A1		04A		
10530		XA549	05							16B	9		GC014A	06	GC001A	01	1	TT3	A2		03B		
10503		XA549	06							16B	9		GC0100	03	GC000A	01	3	TT3	A1		05A		
10425		XA549	07							16B	9		GC001A	03	GC001A	00	1	TT3	A2		03A		
17491		XA549	08			XA550	20			16B	9		SPA127	10	GC000A	01	2	TT3	A1		06A		
10517		XA549	09							16B	9		GC0120	03	GC002A	01	1	TT3	A3		04B		
10528		XA549	10			XA549	11			16B	9		GC014A	04	GC000A	01	1	TT3	A1		07A		
10529		XA549	11			XA549	05			16B	9		GC014A	05	GC002A	01	2	TT3	A3		05B		
00712		XA549	12										+5V	01				TT3					
17496		XA549	13			XA549	14			16B	9		SPA128	04	GC002A	01	3	TT3	A3		06B		
17497		XA549	14			XA549	21			16B	9		SPA128	05	GC0680	01	2	TT3	B2		09A		
10426		XA549	15			XA451	40			16B	9		GC002A	01	GC002A	00	1	TT3	A3		07B		
10770		XA549	16										GND		GROUND			TT3			21B		
10621		XA549	17			XA549	23			16B	9		GC036A	01	GC0680	01	3	TT3	B2		08B		
10607		XA549	18			XA549	25			16B	9		GC035A	01	GC0680	01	1	TT3	B2		10A		
10772		XA549	19			XA339	56			16B	9		GC0680	01	GC0680	00	1	TT3	B2		09B		
10430		XA549	20							16B	9		GC003A	02	GC003A	00	1	TT3	B1		11A		
17498		XA549	21			XA549	24			16B	9		SPA128	06	GC0730	01	1	TT3	B3		10B		
10524		XA549	22							16B	9		GC0130	03	GC003A	01	3	TT3	B1		12A		
10622		XA549	23			XA549	30			16B	9		GC036A	02	GC0730	01	2	TT3	B3		11B		
17499		XA549	24			XA549	29			16B	9		SPA128	07	GC003A	01	2	TT3	B1		13A		
10608		XA549	25			XA549	34			16B	9		GC035A	02	GC0730	01	3	TT3	B3		12B		
10526		XA549	26			XA550	23			16B	9		GC014A	02	GC003A	01	1	TT3	B1		14A		
10795		XA549	27			XA339	38			16B	9		GC0730	05	GC0730	00	1	TT3	B3		13B		
00713		XA549	28										+5V	01				TT3					
17500		XA549	29			XA549	53			16B	9		SPA128	08	GC0630	01	3	TT3	C2		14B		
10623		XA549	30			XA550	57			16B	9		GC036A	03	GC0630	01	2	TT3	C2		15A		
10745		XA549	31			XA339	77			16B	9		GC0630	01	GC0630	00	1	TT3	C2		15B		
10789		XA549	32										GND		GROUND			TT3			27A		
05784		XA549	33							16B	9		CL0CMB	22	CMCPYA	01	1	TT3	C3		16B		
10609		XA549	34			XA550	59			16B	9		GC035A	03	GC0630	01	1	TT3	C2		16A		
17529		XA549	35							16B	9		SPA131	06	CMCPYA	01	2	TT3	C3		17B		
10571		XA549	36			XA544	40			16B	9		GC026A	01	GC026A	00	1	TT3	C1		17A		
17448		XA549	37							16B	9		SPA123	13	CMCPYA	01	3	TT3	C3		18B		
10602		XA549	38			XA340	54			16B	9		GC0340	05	GC026A	01	3	TT3	C1		18A		
06192		XA549	39			XA551	60			16B	9		CMCPYA	01	CMCPYA	00	1	TT3	C3		19B		
05609		XA549	40			XA545	75			16B	9		CLKG0B	01	GC026A	01	2	TT3	C1		19A		
CONNECTOR (XA549) CONTINUED ON THE NEXT PAGE ****																							

DRAWING NUMBER 149012-880 CONNECTOR UNIT ASSEMBLY NO. 149012 REV E INDEX XA549
 UNIT ASSEMBLY NAME CARD CAGE ASSY, CPU L.H. FILE IDENT T39B2CP1 DATE 09-03-82 PAGE 434

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											
05692		XA549	41		XA543	09			16B	9		CLKG2B	08	GC075A	01	3	TT3	D2		22B	
07997		XA549	42		XA544	34			16B	9		DB20GA	01	GC026A	01	1	TT3	C1		20A	
10802		XA549	43		XA546	77			16B	9		GC075A	01	GC075A	00	1	TT3	D2		23B	
22763		XA549	44									GND		GROUND			TT3			40A	
05691		XA549	45		XA549	41			16B	9		CLKG2B	07	GC076A	01	1	TT3	D3		24B	
08494		XA549	46		XA339	15			16B	9		DB29HA	02	GC075A	01	2	TT3	J2		21A	
10812		XA549	47		XA549	48			16B	9		GC0780	03	GC076A	01	2	TT3	D3		25B	
10813		XA549	48		XA545	50			16B	9		GC0780	04	GC075A	01	1	TT3	D2		22A	
08554		XA549	49		XA339	07			16B	9		DB30HA	02	GC076A	01	3	TT3	D3		26B	
10800		XA549	50		XA546	53			16B	9		GC074A	01	GC074A	00	1	TT3	D1		23A	
10804		XA549	51		XA548	68			16B	9		GC076A	01	GC076A	00	1	TT3	D3		27B	
08434		XA549	52		XA339	20			16B	9		DB28HA	02	GC074A	01	3	TT3	D1		24A	
17501		XA549	53		XA549	57			16B	9		SPA128	09	GC0140	01	3	TT3	E2		28B	
10811		XA549	54		XA549	47			16B	9		GC0780	02	GC074A	01	2	TT3	D1		25A	
10534		XA549	55						16B	9		GC0140	02	GC0140	00	1	TT3	E2		29B	
05690		XA549	56		XA549	45			16B	9		CLKG2B	06	GC074A	01	1	TT3	D1		26A	
17502		XA549	57		XA549	65			16B	9		SPA128	10	GC0350	01	1	TT3	E3		30B	
22764		XA549	58									GND		GROUND			TT3			40B	
17506		XA549	59		XA549	62			16B	9		SPA129	03	GC0350	01	2	TT3	E3		31B	
10525		XA549	60		XA549	26			16B	9		GC014A	01	GC0140	01	2	TT3	E2		28A	
10611		XA549	61		XA548	65			16B	9		GC035A	05	GC0350	01	3	TT3	E3		32B	
17507		XA549	62		XA549	72			16B	9		SPA129	04	GC0140	01	1	TT3	E2		29A	
10620		XA549	63						16B	9		GC0350	02	GC0350	00	1	TT3	E3		33B	
10806		XA549	64		XA548	55			16B	9		GC077A	01	GC077A	00	1	TT3	E1		30A	
17503		XA549	65						16B	9		SPA128	11	GC0370	01	3	TT3	F2		34B	
05689		XA549	66		XA549	56			16B	9		CLKG2B	05	GC077A	01	3	TT3	E1		31A	
11798		XA549	67									GND	01	GROUND			TT3				
10810		XA549	68		XA549	54			16B	9		GC0780	01	GC077A	01	2	TT3	E1		32A	
17518		XA549	69		XA549	79			16B	9		SPA130	03	GC0380	01	1	TT3	F3		35A	
08613		XA549	70		XA548	59			16B	9		DB31HA	01	GC077A	01	1	TT3	E1		33A	
10632		XA549	71		XA548	73			16B	9		GC037A	02	GC0370	01	1	TT3	F2		36A	
17508		XA549	72		XA549	76			16B	9		SPA129	05	GC0370	01	2	TT3	F2		34A	
10630		XA549	73						16B	9		GC0360	02	GC0360	00	1	TT3	F1		36B	
10640		XA549	74						16B	9		GC0370	02	GC0370	00	1	TT3	F2		35B	
10625		XA549	75		XA545	56			16B	9		GC036A	05	GC0360	01	3	TT3	F1		37B	
17509		XA549	76		XA549	77			16B	9		SPA129	06	GC0380	01	2	TT3	F3		37A	
17510		XA549	77		XA550	08			16B	9		SPA129	07	GC0360	01	2	TT3	F1		38B	
10642		XA549	78		XA548	79			16B	9		GC038A	02	GC0380	01	3	TT3	F3		38A	
17519		XA549	79		XA550	01			16B	9		SPA130	04	GC0360	01	1	TT3	F1		39B	
10650		XA549	80						16B	9		GC0380	02	GC0380	00	1	TT3	F3		39A	
17520		XA550	01		XA550	10			16B	9		SPA130	05	GC0090	01	3	TD4	A2		02B	
22765		XA550	02									GND		GROUND			TD4			01A	
10274		XA550	03									DNW	01				TD4				
10419		XA550	04		XA549	04			16B	9		GC000A	02	GC0090	01	1	TD4	A2		04A	
10429		XA550	05		XA549	20			16B	9		GC033A	01	GC0090	01	2	TD4	A2		03B	
10418		XA550	06		XA550	04			16B	9		GC000A	01	GC0080	01	3	TD4	A1		05A	
10424		XA550	07		XA549	07			16B	9		GC001A	02	GC0090	01	4	TD4	A2		03A	
17511		XA550	08		XA550	14			16B	9		SPA129	08	GC0080	01	2	TD4	A1		06A	
CONNECTOR (XA550) CONTINUED ON THE NEXT PAGE ****																					

DRAWING NUMBER 149012-880 CONNECTOR UNIT ASSEMBLY NO. 149012 REV E INDEX XA550
 UNIT ASSEMBLY NAME CARD CAGE ASSY, CPU L.H. FILE IDENT T39B2CP1 DATE 09-03-82 PAGE 435

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												
10488		XA550	09		XA327	24					16B	9	GC0090	01	GC0090	00	1	T04	A2		04B	
17521		XA550	10		XA550	18					16B	9	SPA130	06	GC0080	01	1	T04	A1		07A	
10477		XA550	11		XA327	54					16B	9	GC0080	01	GC0080	00	1	T04	A1		05B	
00714		XA550	12										+5V	01				T04				
10423		XA550	13		XA550	07					16B	9	GC001A	01	GC0080	01	4	T04	A1		06B	
17512		XA550	14		XA551	53					16B	9	SPA129	09	CMCPZA	01	3	T04	B2		09A	
10275		XA550	15										DNW	01				T04				
22766		XA550	16										GND		GROUND			T04				20B
10276		XA550	17										DNW	01				T04				
17522		XA550	18		XA551	80					16B	9	SPA130	07	CMCPZA	01	2	T04	B2		10A	
05785		XA550	19		XA549	33					16B	9	CLOCMB	21	CMCPZA	01	4	T04	B2		09B	
17492		XA550	20								16B	9	SPA127	11	CMCPZA	01	1	T04	B2		11A	
06197		XA550	21		XA551	01					16B	9	CMCPZA	01	CMCPZA	00	1	T04	B2		10B	
06276		XA550	22		XA551	09					16B	9	CMG5BP	01	GC014A	01	3	T04	B1		12A	
10527		XA550	23		XA549	10					16B	9	GC014A	03	GC014A	00	1	T04	B1		11B	
06263		XA550	24		XA551	11					16B	9	CMG4BP	01	GC014A	01	2	T04	B1		13A	
06293		XA550	25		XA551	23					16B	9	CMG6BP	01	GC014A	01	4	T04	B1		12B	
06308		XA550	26		XA551	21					16B	9	CMG7BP	01	GC014A	01	1	T04	B1		14A	
10277		XA550	27										DNW	01				T04				
00715		XA550	28										+5V	01				T04				
10278		XA550	29										DNW	01				T04				
06253		XA550	30								16B	9	CMG3BP	05	GC011A	01	3	T04	C2		15A	
06244		XA550	31								16B	9	CMG2BQ	05	GC011A	01	4	T04	C2		15B	
11799		XA550	32										GND	01	GROUND			T04				21B
10504		XA550	33		XA451	50					16B	9	GC011A	01	GC011A	00	1	T04	C2		16B	
06227		XA550	34								16B	9	CMG1BP	07	GC011A	01	2	T04	C2		16A	
10497		XA550	35		XA451	56					16B	9	GC010A	01	GC010A	00	1	T04	C1		17B	
06216		XA550	36								16B	9	CMG0BQ	05	GC011A	01	1	T04	C2		17A	
06215		XA550	37		XA550	36					16B	9	CMG0BQ	04	GC010A	01	4	T04	C1		18B	
06239		XA550	38								16B	9	CMG2BP	05	GC010A	01	3	T04	C1		18A	
10279		XA550	39										DNW	01				T04				
06258		XA550	40								16B	9	CMG3BQ	05	GC010A	01	2	T04	C1		19A	
10280		XA550	41										DNW	01				T04				
06226		XA550	42		XA550	34					16B	9	CMG1BP	06	GC010A	01	1	T04	C1		20A	
06214		XA550	43		XA550	37					16B	9	CMG0BQ	03	GC013A	01	4	T04	D2		23B	
11800		XA550	44										GND	01	GROUND			T04				27A
10518		XA550	45		XA451	49					16B	9	GC013A	01	GC013A	00	1	T04	D2		24B	
06230		XA550	46								16B	9	CMG1BQ	03	GC013A	01	3	T04	D2		21A	
10511		XA550	47		XA451	43					16B	9	GC012A	01	GC012A	00	1	T04	D1		25B	
06252		XA550	48		XA550	30					16B	9	CMG3BP	04	GC013A	01	2	T04	D2		22A	
06243		XA550	49		XA550	31					16B	9	CMG2BQ	04	GC012A	01	4	T04	D1		26B	
06238		XA550	50		XA550	38					16B	9	CMG2BP	04	GC013A	01	1	T04	D2		23A	
10281		XA550	51										DNW	01				T04				
06225		XA550	52		XA550	42					16B	9	CMG1BP	05	GC012A	01	3	T04	D1		24A	
10282		XA550	53										DNW	01				T04				
06213		XA550	54		XA550	43					16B	9	CMG0BQ	02	GC012A	01	2	T04	D1		25A	
06251		XA550	55		XA550	48					16B	9	CMG3BP	03	GC036A	01	4	T04	E2		29B	
06257		XA550	56		XA550	40					16B	9	CMG3BQ	04	GC012A	01	1	T04	D1		26A	
10624		XA550	57		XA549	75					16B	9	GC036A	04	GC036A	00	1	T04	E2		30B	
22767		XA550	58										GND		GROUND			T04				40A
CONNECTOR (XA550) CONTINUED ON THE NEXT PAGE ****																						

DRAWING NUMBER 149012-880 CONNECTOR UNIT ASSEMBLY NO. 149012 REV E INDEX XA550
 UNIT ASSEMBLY NAME CARD CAGE ASSY, CPU L.H. FILE IDENT T39B2CP1 DATE 09-03-82 PAGE 436

RECORD NUMBER	FROM				TO				WIRE				SIGNAL	SEQ NO	EQUATION	TERM	FACTOR	CKT OR CHIP TYPE	GROUP	LOAD OR POWER PLANE	TEST POINTS ANCL OR	SIGNAL DESCRIPTION	ECO NO
	PREFIX	CONNECTOR	PIN	31 LG	PREFIX	CONNECTOR	PIN	31 LG	MULTI GROUP	CODE	COLOR	IDENT											
10610		XA550	59			XA549	61			16B	9		GC035A	04	GC035A	00	1	TD4	E1		31B		
06211		XA550	60							16B	9		CMG0BP	05	GC036A	01	3	TD4	E2		28A		
06222		XA550	61			XA550	64			16B	9		CMG1BP	02	GC035A	01	4	TD4	E1		32B		
06242		XA550	62			XA550	49			16B	9		CMG2BQ	03	GC036A	01	2	TD4	E2		29A		
10283		XA550	63										DNW	01				TD4					
06223		XA550	64			XA551	57			16B	9		CMG1BP	03	GC036A	01	1	TD4	E2		30A		
10284		XA550	65										DNW	01				TD4					
06256		XA550	66			XA550	56			16B	9		CMG3BQ	03	GC035A	01	3	TD4	E1		31A		
22768		XA550	67										GND		GROUND			TD4				40B	
06209		XA550	68			XA551	59			16B	9		CMG0BP	03	GC035A	01	2	TD4	E1		32A		
10641		XA550	69			XA549	78			16B	9		GC038A	01	GC038A	00	1	TD4	F2		35A		
06237		XA550	70			XA550	50			16B	9		CMG2BP	03	GC035A	01	1	TD4	E1		33A		
06228		XA550	71			XA551	55			16B	9		CMG1BQ	01	GC038A	01	2	TD4	F2		36A		
06236		XA550	72			XA550	70			16B	9		CMG2BP	02	GC038A	01	3	TD4	F2		34A		
06208		XA550	73			XA550	68			16B	9		CMG0BP	02	GC038A	01	1	TD4	F2		36B		
06250		XA550	74			XA550	55			16B	9		CMG3BP	02	GC038A	01	4	TD4	F2		35B		
06240		XA550	75			XA551	78			16B	9		CMG2BQ	01	GC037A	01	3	TD4	F1		37B		
10631		XA550	76			XA549	71			16B	9		GC037A	01	GC037A	00	1	TD4	F1		37A		
06221		XA550	77			XA550	61			16B	9		CMG1BP	01	GC037A	01	2	TD4	F1		38B		
06254		XA550	78			XA551	74			16B	9		CMG3BQ	01	GC037A	01	4	TD4	F1		38A		
06207		XA550	79			XA550	73			16B	9		CMG0BP	01	GC037A	01	1	TD4	F1		39B		
10285		XA550	80										DNW	01				TD4					
06198		XA551	01			XA551	10			16B	9		CMCPZA	02	CMG5BN	01	1	TDD	BN		02B	GATED CLOCK- G AN	
11801		XA551	02										GND	01	GROUND			TDD			01B		
21078		XA551	03							16B	9		UCMG5B	04	CMG5BQ	01	1	TDD	BQ		02A		
06103		XA551	04			XA551	06			16B	9		CMCLMB	01	CMG5BP	01	1	TDD	BP		04A	CLEAR MOP REG- G	
06292		XA551	05							16B	9		CMG590	02	CMG5BI	01	1	TDD	BI		03B		
06104		XA551	06			XA551	20			16B	9		CMCLMB	02	CMG4BP	01	1	TDD	AP		05A	CLEAR MOP REG- G	
06284		XA551	07							16B	9		CMG5BQ	01	CMG5BQ	00	1	TDD	BQ		03A		
06277		XA551	08							16B	9		CMG490	02	CMG4BI	01	1	TDD	AI		06A	B05	
06279		XA551	09							16B	9		CMG5BP	02	CMG5BP	00	1	TDD	BP		04B	B05	
06199		XA551	10			XA551	14			16B	9		CMCPZA	03	CMG4BN	01	1	TDD	AN		07A	GATED CLOCK- G AN	
06264		XA551	11							16B	9		CMG4BP	02	CMG4BP	00	1	TDD	AP		05B	B05	
00716		XA551	12										+5V	01				TDD					
06269		XA551	13							16B	9		CMG4BQ	01	CMG4BQ	00	1	TDD	AQ		06B	B05	
06200		XA551	14			XA551	26			16B	9		CMCPZA	04	CMG7BN	01	1	TDD	DN		09A	GATED CLOCK- G AN	
21070		XA551	15							16B	9		UCMG4B	04	CMG4BQ	01	1	TDD	AQ		07B		
11802		XA551	16										GND	01	GROUND			TDD			20B		
21094		XA551	17							16B	9		UCMG7B	04	CMG7BQ	01	1	TDD	DQ		08B		
06322		XA551	18							16B	9		CMG790	02	CMG7BI	01	1	TDD	DI		10A		
06314		XA551	19							16B	9		CMG7BQ	01	CMG7BQ	00	1	TDD	DQ		09B	B05	
06105		XA551	20			XA551	22			16B	9		CMCLMB	03	CMG7BP	01	1	TDD	DP		11A	CLEAR MOP REG- G	
06309		XA551	21							16B	9		CMG7BP	02	CMG7BP	00	1	TDD	DP		10B	B05	
06106		XA551	22			XA551	64			16B	9		CMCLMB	04	CMG6BP	01	1	TDD	CP		12A	CLEAR MOP REG- G	
06294		XA551	23							16B	9		CMG6BP	02	CMG6BP	00	1	TDD	CP		11B	B05	
06307		XA551	24							16B	9		CMG690	02	CMG6BI	01	1	TDD	CI		13A		
06299		XA551	25							16B	9		CMG6BQ	01	CMG6BQ	00	1	TDD	CQ		12B	B05	
06201		XA551	26							16B	9		CMCPZA	05	CMG6BN	01	1	TDD	CN		14A	GATED CLOCK- G AN	
CONNECTOR (XA551) CONTINUED ON THE NEXT PAGE ****																							

DRAWING NUMBER 149012-880 CONNECTOR UNIT ASSEMBLY NO. 149012 REV E INDEX XA551
 UNIT ASSEMBLY NAME CARD CAGE ASSY, CPU L.H. FILE IDENT T39B2CP1 DATE 09-03-82 PAGE 437

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	SN PG	PREFIX	CONNECTOR	PIN	SN PG	MULTI GROUP	CODE												
21086		XA551	27									UCM6B8	04	CMG6BQ	01	1	TDD	CQ		13B		
00717		XA551	28									+5V	01				TDD					
17913		XA551	29									SP1037	08				TDD	FQ		14B		
17897		XA551	30									SP1035	07				TDD	FN		15A		
21252		XA551	31									SPO	01				TDD	FQ		15B		
11803		XA551	32									GND	01	GROUND			TDD			21B		
21253		XA551	33									SPO	01				TDD	FP		16B		
17869		XA551	34		XA551	38						SP1032	05				TDD	FI		16A		
21254		XA551	35									SPO	01				TDD	EP		17B		
17903		XA551	36		XA551	41						SP1036	05				TDD	FP		17A		
21255		XA551	37									SPO	01				TDD	EQ		18B		
17870		XA551	38		XA551	48						SP1032	06				TDD	EP		18A		
17898		XA551	39									SP1038	07				TDD	EO		19B		
17879		XA551	40		XA551	46						SP1033	07				TDD	EI		19A		
17904		XA551	41		XA551	51						SP1036	06				TDD	HQ		22B		
17888		XA551	42		XA551	50						SP1034	07				TDD	EN		20A		
20706		XA551	43									SPO	01				TDD	HQ		23B		
11804		XA551	44									GND	01	GROUND			TDD			27A		
20705		XA551	45									SPO	01				TDD	HP		24B		
17880		XA551	46		XA551	56						SP1033	08				TDD	HN		21A		
20703		XA551	47									SPO	01				TDD	GP		25B		
17871		XA551	48		XA551	54						SP1032	07				TDD	HI		22A		
20704		XA551	49									SPO	01				TDD	GQ		26B		
17889		XA551	50		XA551	52						SP1034	08				TDD	HP		23A		
17905		XA551	51									SP1036	07				TDD	GO		27B		
17890		XA551	52									SP1034	09				TDD	GP		24A		
17513		XA551	53									SPA129	10	CMG1BQ	01	1	TDD	KQ		28B		
17872		XA551	54									SP1032	08				TDD	GI		25A		
06229		XA551	55		XA550	46						CMG1BQ	02	CMG1BQ	00	1	TDD	KQ		29B		
17881		XA551	56									SP1033	09				TDD	GN		26A		
06224		XA551	57		XA550	52						CMG1BP	04	CMG1BP	00	1	TDD	KP		30B		
11805		XA551	58									GND	01	GROUND			TDD			40A		
06210		XA551	59		XA550	60						CMG0BP	04	CMG0BP	00	1	TDD	JP		31B		
06193		XA551	60		XA551	79						CMCPYA	02	CMG1BN	01	1	TDD	KN		28A		GATED CLOCK- G AN
06212		XA551	61		XA550	54						CMG0BC	01	CMG0BQ	00	1	TDD	JQ		32B		
06234		XA551	62									CMC190	02	CMG1BI	01	1	TDD	KI		29A		
21054		XA551	63									JCMGCB	04	CMG0BQ	01	1	TDD	JQ		33B		
06107		XA551	64		XA551	66						CMCLMB	05	CMG1BP	01	1	TDD	KP		30A		CLEAR MDP REG- G
21062		XA551	65									UCMG3B	04	CMG3RQ	01	1	TDD	MQ		34B		
06108		XA551	66		XA551	73						CMCLMB	06	CMG0BP	01	1	TDD	JP		31A		CLEAR MDP REG- G
11806		XA551	67									GND	01	GROUND			TDD			40B		
06220		XA551	68									CMG090	02	CMG0BI	01	1	TDD	JI		32A		
06249		XA551	69		XA550	74						CMG3BP	01	CMG3BP	00	1	TDD	YP		35A		
06195		XA551	70		XA551	72						CMCPYA	04	CMG0BN	01	1	TDD	JN		33A		GATED CLOCK- G AN
06262		XA551	71									CMG390	02	CMG3BI	01	1	TDD	YI		36A		
06196		XA551	72									CMCPYA	05	CMG33N	01	1	TDD	MN		34A		GATED CLOCK- G AN
06109		XA551	73		XA551	75						CMCLMB	07	CMG3BP	01	1	TDD	MP		36B		CLEAR MDP REG- G
06255		XA551	74		XA550	66						CMG3BQ	02	CMG3BQ	00	1	TDD	MQ		35B		
06110		XA551	75		XA532	75						CMCLMB	08	CMG2BP	01	1	TDD	LP		37B		CLEAR MDP REG- G
06235		XA551	76		XA550	72						CMG2BP	01	CMG2BP	00	1	TDD	LP		37A		
CONNECTOR XA551 CONTINUED ON THE NEXT PAGE ****																						

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

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