

ARMY
NAVY
AIR FORCE

TM 11-5895-856-34-2
EE640-CA-MMI-020/E154 CPU
TO 31W2-2T-122-2

TECHNICAL MANUAL

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

**AUTOMATIC DATA PROCESSING
ASSEMBLIES**

DEPARTMENTS OF THE ARMY, NAVY, AND AIR FORCE

22 SEPTEMBER 1983



5

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

1

DO NOT TRY TO PULL OR GRAB THE INDIVIDUAL

2

IF POSSIBLE, TURN OFF THE ELECTRICAL POWER

3

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

4

SEND FOR HELP AS SOON AS POSSIBLE

5

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

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.

LIST OF EFFECTIVE PAGES

Dates of issue for original and changed pages are.

Original . . 0 . .

TOTAL NUMBER OF PAGES IN THIS PUBLICATION IS 406 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				
(149011-800)					
1 - 392	0				
Report of Errors ...	0				

Zero In this column indicates an original page.

TM 11-5895-856-34-2
EE640-CA-MMI-020/E154 CPU
TO 31W2-2T-122-2

TECHNICAL MANUAL
NO. 11-5895-856-34-2
TECHNICAL MANUAL
EE640-CA-MMI-020/E154 CPU
TECHNICAL ORDER
TO 31 W2-2T-122-2

DEPARTMENTS OF THE ARMY
THE NAVY, AND
THE AIR FORCE

Washington, DC, 22 September 1983

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

**AUTOMATIC DATA PROCESSING
ASSEMBLIES**

REPORTING ERRORS AND RECOMMENDING IMPROVEMENTS

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

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

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

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

TABLE OF CONTENTS

VOLUME 2 TM 11-5895-856-34-2

Card Cage Assembly, Central Processor Unit - R.H., Wire List, String (149011-800)

This volume is part of a 24-volume set covering the direct support and general support maintenance of the automatic data processing assemblies. This volume contains the string wire list for the right-hand card cage assembly of the central processor unit, drawing number 149011-800. Refer to volume 1 of this series (TM 11-5895-856-34-1) for an explanation of how to use this wire list as well as other lists contained in the set.

NOTE

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

1. Find the applicable wire run list in the table of contents and note the applicable drawing number.
2. Look through the pages of the volume until you find the particular drawing number of the wire run list that you seek. This will insure that you are in the correct wire run section.
3. Go through these pages until you find the page number you are looking for within this particular wire run list.

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

**CARD CAGE ASSEMBLY, CENTRAL PROCESSOR UNIT
- RIGHT HAND
STRING WIRE LIST
149011-800**

NOTES: UNLESS OTHERWISE SPECIFIED

1. REFERENCE TO SHEET 3 FOR DEFINITION OF FIELDS.
2. REFERENCE TO SHEET 4 FOR CONFIGURATIONS OF SHIELD AND WIRE TERMINATIONS.
3. REFERENCE TO SHEET 5 FOR WIRE CODE DEFINITIONS.
4. REFERENCE TO SHEET 6 FOR WIRE PARTS LIST.
5. ALL ABBREVIATIONS PER MIL-STD-12.
6. THROUGHOUT THE BODY OF THIS DOCUMENT THE UNIT NAME IS REFERRED TO AS: CARD CAGE ASSY, CPU R. H.

H78 STRING AND CONNECTOR LIST, DEFINITION OF FIELDS

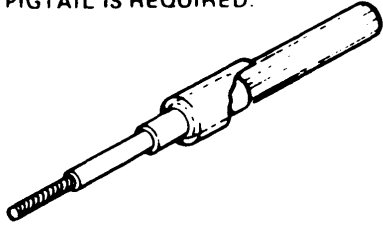
1. **Record Number** - A unique Data Processing number which associates all information pertaining to a wire "FROM" Connector, "TO" Connector, Wire Code, etc. This number is the wire ID when that field is blank.
2. **Prefix** - An assembly alphanumeric to be used when a wire terminates in two assemblies.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

H78 STRING AND CONNECTOR LIST, DEFINITION OF FIELDS - Continued

- Q. Will cause an equation record to be omitted from logic listing.
 - R. Will suppress printing the "FROM/TO" pin number in the string and connector lists.
 - S. Do not move record number to the ident field for an ADD transaction in the harness string and double entry only. (Use only when adding a file.) T. Twist wire code.
 - U. Not available.
 - V. See general notes or instruction pages.
 - W. Fixed wire length submitted.
 - X. Sequence of string is to be left as is.
 - Y. See general notes or instruction pages.
 - Z. Will suppress printing of the "FROM" pin.
10. **Misc** - Unless otherwise noted, the number 1 indicates a pre-wired connector.
11. **Signal** - An alphanumeric signal name, mnemonic where feasible, which identifies one specific function from another.
- SPP - Denotes an available termination.
 - SPF - Denotes an unwired termination which has an assigned function.
 - SPW - Denotes a non-functional wire which is terminated at one or both ends.
 - SPO - Denotes a spare output of a circuit.
 - DNW - Indicates that a termination may not be wired.
 - SPA - Denotes an unassigned circuit, as one of a group on a printed circuit board.
 - SPI - Denotes a spare input of a circuit.
 - SPG - Denotes an unassigned logic gate, as one of a group on a printed circuit board.
 - SPR - Denotes a spare resistor.
 - SPD - Denotes an unassigned input diode of an assigned logic gate.
12. **Seq No.** - A number which, in conjunction with SIGNAL, allows a signal string to be consistently printed in a given order.
13. **Equation** - A mnemonic name assigned to each gate of an element.
14. **Term** - An 'OR' function composed of one or more factors.
15. **Factor** - A specific input to a logical gate or active element.
16. **Ckt or Chip Type** - Denotes a specific circuit board type.
17. **Group** - Denotes a specific circuit on a printed circuit board.
18. **Load or Power Plane** - Denotes the current draw in milliamps by a specific circuit or voltage.
19. **AND Test Point** - Denotes the input test point for a specific circuit on a printed circuit board.
20. **OR Test Point** - Denotes the output test point for a specific circuit on a circuit board.
21. **Signal Description** - A written description or name of a signal or voltage.
22. **ECO No.** - A letter number combination to show the Engineering Change Order level of that particular wire list record.

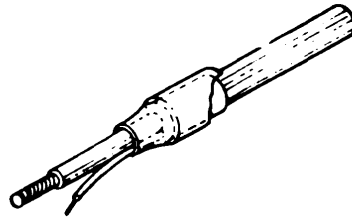
SHIELD FIGURE A

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



SHIELD FIGURE B

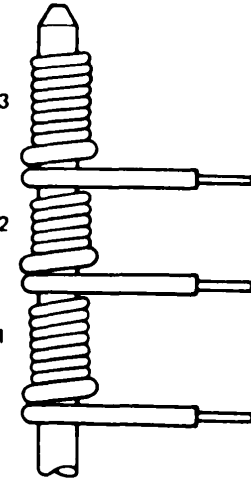
SHIELD TERMINATION FOR SHIELDED,
SINGLE AND MULTIPLE CONDUCTORS,
FRONT PIGTAIL IS REQUIRED.



SHIELD FIGURE NO. 3

SHIELD FIGURE NO. 2

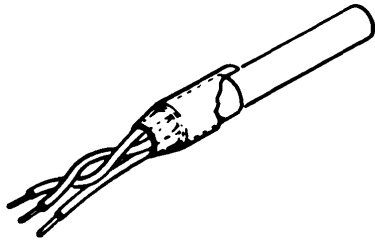
SHIELD FIGURE NO. 1



SHIELD FIGURE NUMBER
INDICATES LEVEL OF WIRE WRAP

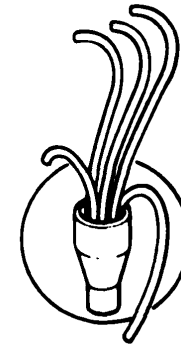
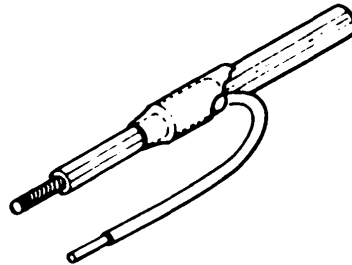
SHIELD FIGURE G

SHIELDED CABLE TERMINATION WITH DRAIN WIRE



SHIELD FIGURE C

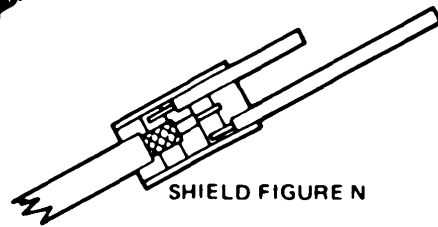
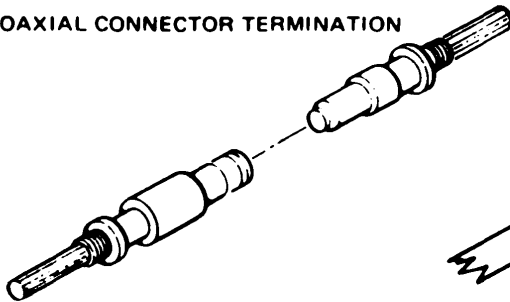
SHIELD TERMINATION FOR SHIELDED,
SINGLE AND MULTIPLE CONDUCTORS,
A REAR PIGTAIL IS REQUIRED.



SHIELD FIGURE X
SHIELDED WIRE
PIGTAILS-HYBRID

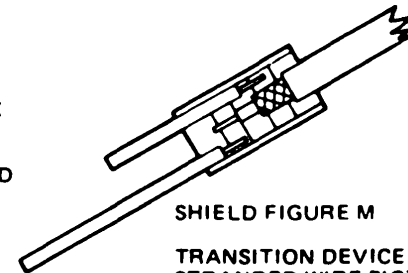
SHIELD FIGURE Z

COAXIAL CONNECTOR TERMINATION



SHIELD FIGURE N

TRANSITION DEVICE WITH
SOLID WIRE PIGTAILS



SHIELD FIGURE M

TRANSITION DEVICE WITH
STRANDED WIRE PIGTAILS

WIRE CODE DEFINITION

<u>Type</u>	<u>Description</u>	<u>AWG</u>
1 = Polyvinylidene Fluoride (PVF) (Kynar)	1 = Buss Wire	A = 32
2 = Teflon ET	2 = High Voltage	B = 30
3 = Teflon E	3 =	C = 28
4 = Teflon EE	4 =	D = 26
5 = Fluorinated Ethylene Propylene (FEP), Type K	5 = Integral Lead	E = 24
6 = FEP, Type KT	6 = Auto Wire Wrap	F = 22
7 = Special Condition	7 =	G = 20
8 = Polyvinyl Chloride (PVC) with Nylon Jacket, Type D	8 =	H = 18
9 = MIL-W-81044/12	9 =	I = 16
0 = Buss or Integral	0 = Special	J = 14
A = PVC without Jacket, Type B	A = Single Stranded	K = 12
B = PVC with Jacket	B = Single Solid	L = 10
C = MIL-W-22759/1	C = Single Shielded	M = 8
D = MIL-W-5086/1	D = TW Pr, Stranded	N = 6
E = MIL-W-5086/2	E = Tw Pr, Solid	P = 4

WIRE CODE DEFINITION

<u>Type</u>	<u>Description</u>	<u>AWG</u>
*F = MIL-C-17/94 (formerly MIL-C-17/68)	F = Tw Pr, Shielded	R = 2
*G = 898008-2	G = Tw Tpl, Stranded	S = 1
*H = 898008-1	H = Tw Tpl, Solid	T = 0
*J = MIL-C-17/29	J = Tw Tpl, Shielded	U = 00
*K = MIL-C-17/30	K = Tw Quadr, Stranded	V = 000
*L = MIL-C-17/79	L = Tw Quadr, Solid	W = 0000
*M = MIL-C-17/74	M = Tw Quadr, Shielded	X = Coax
*N = MIL-C-17/86	N = Tw Six Conductor, Stranded	Y =
*P = MIL-C-17/28	P =	Z =
*R = 898008-4	R =	1 =
*S = MIL-C-17/6	S =	2 =
*T = 898059-0001	T =	3 =
U = 898017-1	U =	4 =
V = 898017-2	V =	5 =
W = 898007-1 thru -4	W = 70 Ohm Coax	6 =
X = 898004, Type B	X = 50 Ohm Coax	7 =
Y = 898004, Type D	Y = 75 Ohm Coax	8 =
*Z = MIL-C-17/94	Z = 95 Ohm Coax	9 = Spcl
*/ = MIL-C-17/118		0 = Int Lead

NOTES: *1. Coax.

2. The word "BAR" in the Code Field indicates an electromechanical connection made possible by buss strips. Printed circuitry or power/ground planes will be coded "BUS" in the Code Field if required.

Drawing No.
149011-800
Rev. D, sheet 5

PARTS LIST				CONTACT NUMBER	CODE IDENT 13973	14901-800	REVISION D		
TITLE CARD CAGE ASSEMBLY, CENTRAL PROCESSOR UNIT - RH, - WIRE LIST						SHEET 6			
ITEM NO.	FEET OF WIRE REQD	CODE IDENT	PART OR IDENTIFYING NUMBER	DRAWING OR DOCUMENT NUMBER	NOMENCLATURE OR DESCRIPTION	REF SYM	TIMES USED	WIRE CODE	LINE REV
1.	4		898041-0003		WIRE, ELEC, 250V, PVF INSUL 30 GAGE (BLACK)		1	1BB	
2.	160		898041-0002		WIRE, ELEC, 250V, PVF INSUL 30 GAGE (WHITE)		40	1BB	
3.	28		898042-0004		WIRE, ELEC, 250V, PVF INSUL 26 GAGE (RED)		7	1BD	
4.	12		898042-0002		WIRE, ELEC, 250V, PVF INSUL 26 GAGE (WHITE)		3	1BD	
5.	60		898041-0023		CABLE, ELEC, TWISTED TWO CNDCT, 250V, PVF INSUL 30 CAGE (BLACK, WHITE)		14	1EB	
6.	11000		898041-0002		WIRE, ELEC, 250V, PVF INSUL 30 CG . (WHITE)		10856	16B	

DRAWING NUMBER 149011-800
UNIT ASSEMBLY NAME CARD CAGE ASSY, CPU R.H.

STRING

UNIT ASSEMBLY NO 149011
FILE IDENT T39B2CP2

REV D DATE 09-03-82

INDEX PAGE 7

RECORD NUMBER	FROM			TO			WRF	SIGNAL	SEC NO	EQUATION	TEST POINTS	SIGNAL DESCRIPTION	ECO NO
	PREP #	CONNECTOR	PIN	PREP #	CONNECTOR	PIN							
19781		XA148	35		XA119	69	168 9	+05VIC	01			EXT	
00021		XA119	69		XA119	79	168 9	+05VIC	02			RR4 GP	
00019		XA119	75				168 9	+05VIC	03			RR4 HP	
19783		XA148	37		XA318	03	168 9	+05VIC4	01			EXT	
00082		XA318	03		XA318	33	168 9	+05VIC4	02			RR4 AP	
00088		XA318	33		XA318	49	168 9	+05VIC4	03			RR4 DP	
00090		XA318	49				168 9	+05VIC4	04			RR4 EP	
19775		XA148	27		XA448	61	168 9	+5AXUC	01			EXT	
20158		XA448	61				168 9	+5AXUC	02			EXT	
00313		XA148	28		XA448	62	168 9	+5AXUR	01			EXT	
20159		XA448	62				168 9	+5AXUR	02			EXT	
19798		XA148	53		XA448	53	168 9	+5LDCB	01			EXT	
20151		XA448	53		XA448	59	168 9	+5LDCB	02			EXT	B05
20156		XA448	59				168 9	+5LDCB	03			EXT	B05
22639		XA148	54	3	XA448	54	168 9	+5LDCG	01	GROUND		EXT	
20152		XA448	54				168 9	+5LDCG	02			EXT	
19796		XA148	51		XA448	51	168 9	+5PLCB	01			EXT	
20149		XA448	51		XA448	49	168 9	+5PLCB	02			EXT	B05
20147		XA448	49				168 9	+5PLCB	03			EXT	B05
22642		XA148	52	3	XA448	52	168 9	+5PLCG	01	GROUND		EXT	
20150		XA448	52				168 9	+5PLCG	02			EXT	
19771		XA148	23		XA119	03	168 9	+5RES1	01			EXT	B05
00033		XA119	03		XA119	13	168 9	+5RES1	02			RR4 AP	
00031		XA119	13		XA119	21	168 9	+5RES1	03			RR4 BP	
00029		XA119	21		XA119	33	168 9	+5RES1	04			RR4 CP	
00027		XA119	33		XA119	49	168 9	+5RES1	05			RR4 DP	
00025		XA119	49		XA119	59	168 9	+5RES1	06			RR4 EP	
00023		XA119	59		XA130	79	168 9	+5RES1	07			RR4 FP	
00046		XA130	79		XA130	69	168 9	+5RES1	10			RR1 HP	
00046		XA130	69		XA130	59	168 9	+5RES1	11			RR1 GP	
00044		XA130	59		XA130	49	168 9	+5RES1	12			RR1 FP	
00042		XA130	49		XA130	33	168 9	+5RES1	13			RR1 EP	
00040		XA130	33		XA130	21	168 9	+5RES1	14			RR1 DP	
00038		XA130	21		XA130	13	168 9	+5RES1	15			RR1 CP	
00036		XA130	13		XA130	03	168 9	+5RES1	16			RR1 BP	
00034		XA130	03		XA136	03	168 9	+5RES1	17			RR1 AP	
00050		XA136	03		XA136	13	168 9	+5RES1	18			RR1 AP	
00052		XA136	13		XA136	21	168 9	+5RES1	19			RR1 BP	
00054		XA136	21		XA136	33	168 9	+5RES1	20			RR1 CP	
00056		XA136	33		XA136	49	168 9	+5RES1	22			RR1 DP	
**** SIGNAL (+5RES1) IS ON THE NEXT PAGE ****													

DRAWING NUMBER 149011-800
 UNIT ASSEMBLY NAME CARD CAGE ASSY,CPU R.H.

STRING

UNIT ASSEMBLY NO 149011
 PART NUMBER T3982CP2

REV D
 DATE 09-03-82
 SHEET PAGE 8

RECORD NUMBER	FROM				TO				SIGNAL	LOCATION	FUNCTION	REMARKS
	PREFIX	CONNECTOR	PIN	NO.	PREFIX	CONNECTOR	PIN	NO.				
00058		XA136	49		XA136	59		168	9	+5RES1	23	RR1 EP
00060		XA136	59		XA136	69		168	9	+5RES1	24	RR1 FP
00062		XA136	69		XA136	79		168	9	+5RES1	25	RR1 GP
00064		XA136	79					168	9	+5RES1	26	RR1 HP
22643		XA148	23	3	XA214	03	3	168	9	+5RES1	26	EXT
00066		XA214	03		XA214	13		168	9	+5RES1	27	RR1 AP
00068		XA214	13		XA214	21		168	9	+5RES1	28	RR1 BP
00070		XA214	21		XA214	33		168	9	+5RES1	29	RR1 CP
00072		XA214	33		XA214	49		168	9	+5RES1	30	RR1 DP
00074		XA214	49		XA214	59		168	9	+5RES1	31	RR1 EP
00076		XA214	59		XA214	69		168	9	+5RES1	32	RR1 FP
00078		XA214	69		XA214	79		168	9	+5RES1	33	RR1 GP
00080		XA214	79		XA318	13		168	9	+5RES1	34	RR1 HP
00084		XA318	13		XA318	21		168	9	+5RES1	36	RR4 BP
00086		XA318	21		XA318	59		168	9	+5RES1	37	RR4 CP
00092		XA318	59		XA318	69		168	9	+5RES1	40	RR4 FP
00094		XA318	69		XA413	03		168	9	+5RES1	41	RR4 GP
00144		XA413	03		XA413	13		168	9	+5RES1	42	RR1 AP
00146		XA413	13		XA413	21		168	9	+5RES1	43	RR1 BP
00148		XA413	21		XA413	33		168	9	+5RES1	44	RR1 CP
00150		XA413	33		XA413	49		168	9	+5RES1	45	RR1 DP
00152		XA413	49		XA413	59		168	9	+5RES1	46	RR1 EP
00154		XA413	59		XA413	69		168	9	+5RES1	47	RR1 FP
00156		XA413	69		XA413	79		168	9	+5RES1	48	RR1 GP
00158		XA413	79					168	9	+5RES1	49	RR1 HP
19769		XA148	21		XA334	03		168	9	+5RES1	50	EXT
00112		XA334	03		XA334	13		168	9	+5RES1	51	RR1 AP
00114		XA334	13		XA334	21		168	9	+5RES1	52	RR1 BP
00116		XA334	21		XA334	33		168	9	+5RES1	53	RR1 CP
00118		XA334	33		XA334	49		168	9	+5RES1	54	RR1 DP
00120		XA334	49		XA334	59		168	9	+5RES1	55	RR1 EP
00122		XA334	59		XA334	69		168	9	+5RES1	56	RR1 FP
00124		XA334	69		XA334	79		168	9	+5RES1	57	RR1 GP
00126		XA334	79		XA336	69		168	9	+5RES1	58	RR1 HP
00140		XA336	69		XA336	59		168	9	+5RES1	59	RR1 GP
00138		XA336	59		XA336	49		168	9	+5RES1	60	RR1 FP
00136		XA336	49		XA336	33		168	9	+5RES1	61	RR1 EP
00134		XA336	33		XA336	21		168	9	+5RES1	62	RR1 DP
00132		XA336	21		XA336	13		168	9	+5RES1	63	RR1 CP
00130		XA336	13		XA336	03		168	9	+5RES1	64	RR1 BP
00128		XA336	03					168	9	+5RES1	65	RR1 AP
22644		XA148	21		XA520	03		188	9	+5RES1	66	EXT
00176		XA520	03		XA520	13		168	9	+5RES1	67	RR1 AP
00178		XA520	13		XA520	21		168	9	+5RES1	68	RR1 BP
00180		XA520	21		XA520	33		168	9	+5RES1	69	RR1 CP
00182		XA520	33		XA520	49		168	9	+5RES1	70	RR1 DP
00184		XA520	49		XA520	59		168	9	+5RES1	71	RR1 EP
00186		XA520	59		XA520	69		168	9	+5RES1	72	RR1 FP
00188		XA520	69		XA520	79		168	9	+5RES1	73	RR1 GP
00190		XA520	79		XA522	79		168	9	+5RES1	74	RR1 HP

RES PULLUP BAY 2

A01

**** SIGNAL (+5RES1) IS ON THE NEXT PAGE ****

DRAWING NUMBER 149011-800 STRING UNIT ASSEMBLY NO 149011
 UNIT ASSEMBLY NAME CARD CAGE ASSY,CPU R.H. PART IDENT T39B2CP2 DATE 09-03-82 +5RES1
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RECORD NUMBER	FROM				TO				WIRE	SIGNAL	TERMINATION	FUNCTION	REMARKS
	PREFIX	CONNECTOR	PIN	WIRE	PREFIX	CONNECTOR	PIN	WIRE					
00206		XA522	79		XA522	69		168 9	+5RES1	75		RR1 HP	
00204		XA522	69		XA522	59		168 9	+5RES1	76		RR1 GP	
00202		XA522	59		XA522	49		168 9	+5RES1	77		RR1 FP	
00200		XA522	49		XA522	33		168 9	+5RES1	78		RR1 EP	
00198		XA522	33		XA522	21		168 9	+5RES1	79		RR1 DP	
00196		XA522	21		XA522	13		168 9	+5RES1	80		RR1 CP	
00194		XA522	13		XA522	03		168 9	+5RES1	81		RR1 BP	
00192		XA522	03		XA433	79		168 9	+5RES1	82		RR1 AP	
00174		XA433	79		XA433	69		168 9	+5RES1	83		RR1 HP	
00172		XA433	69		XA433	59		168 9	+5RES1	84		RR1 GP	
00170		XA433	59		XA433	49		168 9	+5RES1	85		RR1 FP	
00168		XA433	49		XA433	33		168 9	+5RES1	86		RR1 EP	
00166		XA433	33		XA433	21		168 9	+5RES1	87		RR1 DP	
00164		XA433	21		XA433	13		168 9	+5RES1	88		RR1 CP	
00162		XA433	13		XA433	03		168 9	+5RES1	89		RR1 BP	
00160		XA433	03					168 9	+5RES1	90		RR1 AP	
00032		XA119	04		XA130	04		168 9	+5RE1	01		RR4 AP	
00035		XA130	04					168 9	+5RE1	02		RR1 AP	
00049		XA130	80		XA136	80		168 9	+5RE3	01		RR1 HP	
00065		XA136	80					168 9	+5RE3	02		RR1 HP	
00095		XA318	70		XA320	70		168 9	+5RE5	01		RR4 GP	
00109		XA320	70					168 9	+5RE5	02		RR4 GP	
00110		XA320	79		XA320	69		168 9	+5RE6	01		RR4 HP	
00108		XA320	69		XA320	59		168 9	+5RE6	02		RR4 GP	
00106		XA320	59		XA320	49		168 9	+5RE6	03		RR4 FP	
00104		XA320	49		XA320	33		168 9	+5RE6	04		RR4 EP	
00102		XA320	33		XA320	21		168 9	+5RE6	05		RR4 DP	
00100		XA320	21		XA320	13		168 9	+5RE6	06		RR4 CP	
00098		XA320	13		XA320	03		168 9	+5RE6	07		RR4 BP	
00096		XA320	03		XA334	04		168 9	+5RE6	08		RR4 AP	
00113		XA334	04					168 9	+5RE6	09		RR1 AP	
00127		XA334	80		XA433	04		168 9	+5RE7	01		RR1 HP	
00161		XA433	04					168 9	+5RE7	02		RR1 AP	
00177		XA520	04		XA522	04		168 9	+5RE8	01		RR1 AP	
00193		XA522	04					168 9	+5RE8	02		RR1 AP	
19790		XA148	45		XA448	71		168 9	+5V181	01		EXT	
20167		XA448	71					168 9	+5V181	02		EXT	
19792		XA148	47		XA448	73		168 9	+5V182	01		EXT	
20169		XA448	73					168 9	+5V182	02		EXT	
19794		XA148	49		XA448	75		168 9	+5V183	01		EXT	
20171		XA448	75					168 9	+5V183	02		EXT	

DRAWING NUMBER 149011-800
 UNIT ASSEMBLY NAME CARD CAGE ASSY, CPU R.H.

STRING

UNIT ASSEMBLY NO 149011
 FILE IDENT T3982CP2

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RECORD NUMBER	FROM			TO			* REF			SIGNAL	SPQ NO	EQUATION	EXT OR INT	CMT 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	
19764		XA148	15		XA448	77				168 9											
20173		XA448	77							168 9				EXT					B05		
19765		XA148	17		XA448	63				168 9				EXT					B05		
20160		XA448	63							168 9				EXT					B05		
19767		XA148	19		XA448	69				168 9				EXT					B05		
20165		XA448	69							168 9				EXT			RES PULLUP BAY 2		B05		
19802		XA148	57		XA249	57				168 9				EXT							
22150		XA249	57							168 9				EXT							
19803		XA148	59		XA249	59				168 9				EXT							
22152		XA249	59							168 9				EXT							
19805		XA148	61		XA249	61				168 9				EXT							
22154		XA249	61							168 9				EXT							
19807		XA148	63		XA249	63				168 9				EXT							
22156		XA249	63							168 9				EXT							
19809		XA148	65		XA249	65				168 9				EXT							
22158		XA249	65							168 9				EXT							
00317		XA148	67		XA249	67				168 9				EXT							
22618		XA249	67							168 9				EXT							
19812		XA148	69		XA249	69				168 9				EXT							
22508		XA249	69							168 9				EXT							
19814		XA148	71		XA249	71				168 9				EXT							
22500		XA249	71							168 9				EXT							
19816		XA148	73		XA249	73				168 9				EXT							
22512		XA249	73							168 9				EXT							
19818		XA148	75		XA249	75				168 9				EXT							
22516		XA249	75							168 9				EXT							
19820		XA148	77		XA249	77				168 9				EXT							
22504		XA249	77							168 9				EXT							
19822		XA148	79		XA249	79				168 9				EXT							
22520		XA249	79							168 9				EXT							
23413		J01	01		J01	01				180 2				PWR					A01		
21454		J01	01							180 2				PWR					A01		
										***	SIGNAL (+5V22)	IS ON THE NEXT PAGE ***									

DRAWING NUMBER 149011-800
 UNIT ASSEMBLY NAME CARD CAGE ASSY,CPU R.H.

STRING

UNIT ASSEMBLY NO 149011
 FILE IDENT T39B2CP2

REV D
 DATE 09-03-82

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 +5V22

RECORD NUMBER	FROM		TO		UNIT CODE	CODE	DEPT	SIGNAL	SEQ NO	EQUATION	I	J	K	L	M	N	O	P	Q	R	SIGNAL DESCRIPTION	ECO NO
	PREFIX	CONNECTOR	PIN	PIN																		
23414 21458	J01	C4	J01	E4	180	2		+5V22	01													A01
	J01	E4			180	2		+5V22	02													A01
23415 21455	J01	C6	J01	E6	180	2		+5V23	01													A01
	J01	E6			180	2		+5V23	02													A01
23416 22447	J01	C2	J01	F1	180	2		+5V24	01													A01
	J01	F1			180	2		+5V24	02													A01
23417 22449	J01	B3	J01	F3	180	2		+5V25	01													A01
	J01	F3			180	2		+5V25	02													A01
23418 22451	J01	D5	J01	F5	180	2		+5V26	01													A01
	J01	F5			180	2		+5V26	02													A01
23419 22466	J01	D3	J01	N2	180	2		+5V27	01													A01
	J01	N2			180	2		+5V27	02													A01
00684	XA510	01	XA527	29	168	9		ACZRC A	01	CQP15A	01	2	TT3	A2								02B
00685	XA527	29	XA438	42	168	9		ACZRC A	02	CN12DA	01	1	TQ2	C3								14B
00686	XA438	42	XA440	35	168	9		ACZRC A	03	C452FA	01	1	TT3	C1								20A
00687	XA440	35	XA126	77	168	9		ACZRC A	04	C450NA	01	1	TQ2	C4								17B
00688	XA126	77	XA250	25	168	9		ACZRC A	05	CLC2EA	01	2	TT3	F1								38B
21462	XA250	25			168	9		ACZRC A	06				EXT									
00698	XA538	19	XA510	70	168	9		ACZRC O	01	C502DA	01	4	TD4	B2								09B
00699	XA510	70	XA511	78	168	9		ACZRC O	02	PTSRQA	01	1	TT3	E1								33A
00700	XA511	78	XA401	59	168	9		ACZRC O	03	PT032A	01	2	TQ2	F4								38A
00701	XA401	59	XA206	56	168	9		ACZRC O	04	C616FA	01	2	TT3	E3								31B
00702	XA206	56	XA207	24	168	9		ACZRC O	05	CSL4MA	01	1	TQ2	D1								26A
00703	XA207	24	XA126	59	168	9		ACZRC O	06	CSL1EA	01	2	TD4	B1								13A
00704	XA126	59	XA250	27	168	9		ACZRC O	07	CLC2DA	01	2	TT3	E3								31B
21465	XA250	27			168	9		ACZRC O	08				EXT									
00708	XA438	30	XA126	78	168	9		ACZ1CA	01	C452GA	01	2	TT3	C2								15A
00709	XA126	78	XA250	29	168	9		ACZ1CA	02	CLC3DA	01	3	TT3	F3								38A
21466	XA250	29			168	9		ACZ1CA	03				EXT									
00717	XA527	54	XA126	62	188	9		AC00BP	01	CN12FA	01	2	TQ2	D1								29A
00719	XA126	62	XA147	17	168	9		AC00BP	03	CLC2CA	01	1	TT3	E2								29A
21469	XA147	17			168	9		AC00BP	04				EXT									
00721	XA527	35	XA126	72	168	9		AC00BQ	01	CN12EA	01	1	TQ2	C4								17B
00722	XA126	72	XA147	75	168	9		AC00BQ	02	CLC3CA	01	2	TT3	F2								34A
21470	XA147	75			168	9		AC00BQ	03				EXT									
21473	XA250	23	XA530	08	168	9		ADSEB4	01				EXT									
00733	XA530	08			168	9		ADSEB4	02	CN138A	01	2	TT3	A1								06A
21474	XA250	21	XA526	69	168	9		ADSECA	01				EXT									
**** SIGNAL ADSECA IS ON THE NEXT PAGE ****																						

DRAWING NUMBER 149011-800
 UNIT ASSEMBLY NAME CARD CAGE ASSY,CPU R.H.

STRING

UNIT ASSEMBLY NO 149011
 FILE IDENT T3982CP2

REV D DATE 09-03-82

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RECORD NUMBER	FROM			TO			UNIT GROUP	CODE	CUDN	DEN	SIGNAL	SPU NO	EQUATION	3 R E W	2 C L I F I C A T I O N	1 C H I P T Y P E	G R O U P	L O A D O R P O W E R P L A N E	T E S T P O I N T S A N D O R	SIGNAL DESCRIPTION	ECO NO
	PREFIX	CONNECTOR	PIN	PREFIX	CONNECTOR	PIN															
21529 00875 00876	XA147	55		XA526	29		188	9			AQQ08P	01				EXT					A01
	XA526	25		XA527	37		168	9			AQQ08P	02	CN13HA	01	3	TT3	C2		148		
	XA527	37					168	9			AQQ08P	03	CN12EA	01	2	TQ2	C4		188		
21530 00878 00879	XA147	57		XA529	35		188	9			AQQ08Q	01				EXT					A01
	XA529	35		XA527	56		168	9			AQQ08Q	02	CN13FA	01	1	TQ2	C4		178		
	XA527	56					168	9			AQQ08Q	03	CN12FA	01	1	TQ2	D1		28A		
21533 00885	XA147	55		XA205	25		168	9			AQ168P	01				EXT					
	XA205	25					168	9			AQ168P	02	CSL1HA	01	3	TT3	B3		128		
21534 00887	XA147	61		XA205	35		168	9			AQ168Q	01				EXT					
	XA205	35					168	9			AQ168Q	02	CSL2GA	01	2	TT3	C3		178		
21537 00893 00894	XA147	63		XA540	25		168	9			AQ198P	01				EXT					
	XA540	25		XA544	61		168	9			AQ198P	02	C521TA	01	3	TT3	B3		128		
	XA544	61					168	9			AQ198P	03	C512UA	01	3	TT3	E3		328		
21538 00896 00897	XA147	65		XA538	54		188	9			AQ198Q	01				EXT					
	XA538	54		XA540	76		168	9			AQ198Q	02	C525GA	01	2	TQ4	D1		25A		
	XA540	76					168	9			AQ198Q	03	C513DA	01	2	TT3	F3		37A		
21541 00905 00906 00907	XA147	41		XA132	42		168	9			AYHXCO	01				EXT					
	XA132	42		XA526	42		188	9			AYHXCO	02	CR024A	01	1	TT3	C1		20A		
	XA526	42		XA526	57		168	9			AYHXCO	03	CN126A	01	1	TT3	C1		20A		
	XA526	57					168	9			AYHXCO	04	CN144A	01	1	TT3	E3		308		
22308 00911	XA451	19		XA527	13		168	9			AYSEBP	01				EXT					
	XA527	13					168	9			AYSEBP	02	CN13EA	01	2	TQ2	A4		068		
22310 00913	XA451	21		XA527	07		168	9			AYSEBQ	01				EXT					
	XA527	07					168	9			AYSEBQ	02	CN13DA	01	2	TQ2	A3		03A		
22290 00919	XA451	01		XA527	11		168	9			AY00BP	01				EXT					
	XA527	11					168	9			AY00BP	02	CN13EA	01	1	TQ2	A4		058		
22292 00921	XA451	03		XA527	03		168	9			AY03BQ	01				EXT					
	XA527	03					168	9			AY03BQ	02	CN13DA	01	1	TQ2	A3		02A		
22294 00927 00928 00929	XA451	05		XA205	18		168	9			AY169P	01				EXT					
	XA205	18		XA205	40		168	9			AY168P	02	CSL1FA	01	1	TT3	B2		10A		
	XA205	40		XA207	18		168	9			AY168P	03	CSL1JA	01	2	TT3	C1		19A		
	XA207	18					168	9			AY168P	04	CSL1GA	01	2	TQ4	B2		10A		
22296 00931 00932	XA451	07		XA205	30		168	9			AY168Q	01				EXT					
	XA205	30		XA207	37		168	9			AY168Q	02	CSL2DA	01	2	TT3	C2		15A		
	XA207	37					168	9			AY168Q	03	CSL2FA	01	4	TQ4	C1		188		
22298 00938	XA451	09		XA504	37		168	9			AY178Q	01				EXT					
	XA504	37		XA205	72		168	9			AY178Q	02	PTC77A	01	3	TT3	C3		188		
												**** SIGNAL (AY178Q) IS ON THE NEXT PAGE ****									

DRAWING NUMBER		149011-800		STRING		UNIT ASSEMBLY NO		149011		REV D		INDEX		AY178Q	
UNIT ASSEMBLY NAME		CARD CAGE ASSY, CPU R.H.		FILE IDENT		T39B2CP2		DATE		09-03-82		PAGE		15	
RECORD NUMBER	FROM	TO	REF	SIGNAL	SEC NO	EQUATION	TR	TR	TR	TR	TR	TR	TR	TR	TR
	CONNECTOR	PIN													
18581	XA205	72		AY178Q	03	CSL1MA	01	2	TT3	F2		34A			
22300	XA451	11	XA207 14	AY188P	01				EXT						
00942	XA207	14	XA207 38	AY188P	02	CSL1GA	01	3	T04	B2		09A			
00943	XA207	38		AY188P	03	CSL2FA	01	3	T04	C1		18A			
22302	XA451	13	XA340 65	AY218P	01				EXT						
00947	XA340	65	XA342 62	AY218P	02	CTE4FA	01	1	TQ2	F3		34B			
00948	XA342	62		AY218P	03	CTE4EA	01	1	TT3	E2		29A			
22304	XA451	15	XA342 60	AY228P	01				EXT						
00952	XA342	60	XA447 74	AY228P	02	CTE4EA	01	2	TT3	E2		28A			
00953	XA447	74		AY228P	03	C450LA	01	4	T04	F2		35B			
22306	XA451	17	XA445 29	AY228Q	01				EXT						
00955	XA445	29		AY228Q	02	C403GA	01	1	TQ2	C3		14B			
00956	XA429	11	XA428 04	CCBHLA	01	CCBHLA	00	1	T04	A1		05B	BLO CC09120B2831		
00959	XA428	04		CCBHLA	02	CCBHLA	01	1	TQ2	A2		04A			
00960	XA428	01	XA326 10	CCBHLO	01	CCBHLO	00	1	TQ2	A2		02B	H FIELD TO 082831		
00961	XA326	10	XA326 11	CCBHLO	02	DC31HD	01	1	TLD	A1		07A			
00962	XA326	11	XA326 05	CCBHLO	03	DC28HD	01	1	TLD	A4		05B			
00963	XA326	05	XA326 03	CCBHLO	04	DC30HD	01	2	TLD	A2		03B			
00964	XA326	03		CCBHLO	05	DC29HD	01	1	TLD	A3		02A			
00965	XA430	19	XA430 23	CCBLLA	01	CCBLLO	01	2	TQ2	B3		09B			
00966	XA430	23	XA429 23	CCBLLA	02	CCBLMO	01	1	TQ2	B4		11B			
00967	XA429	23		CCBLLA	03	CCBLLA	00	1	T04	B1		11B	MOP CODE D-001X		
00968	XA430	21	XA325 26	CCBLLO	01	CCBLLO	00	1	TQ2	B3		10B	BLO CC0815082431		
00969	XA325	26	XA325 23	CCBLLO	02	DC27CD	01	1	TLD	B1		14A			
00970	XA325	23	XA325 20	CCBLLO	03	DC24CD	01	1	TLD	B4		11B			
00971	XA325	20	XA325 19	CCBLLO	04	DC26CD	01	1	TLD	B2		11A			
00972	XA325	19		CCBLLO	05	DC25CD	01	2	TLD	B3		09B			
00973	XA430	27	XA428 03	CCBLMO	01	CCBLMO	00	1	TQ2	B4		13B	BLO CC0815082431		
00974	XA428	03	XA325 08	CCBLMO	02	CCBLMO	01	1	TQ2	A3		02A			
00975	XA325	08	XA325 11	CCBLMO	03	DC31CD	01	2	TLD	A1		06A			
00976	XA325	11	XA325 05	CCBLMO	04	DC28CD	01	1	TLD	A4		05B			
00977	XA325	05	XA325 03	CCBLMO	05	DC30CD	01	2	TLD	A2		03B			
00978	XA325	03		CCBLMO	06	DC29CD	01	1	TLD	A3		02A			
00979	XA430	40	XA430 36	CCBLUA	01	CCBLUO	01	2	TQ2	C1		19A			
00980	XA430	36	XA428 09	CCBLUA	02	CCBLUO	01	1	TQ2	C2		17A			
00981	XA428	09		CCBLUA	03	CCBLUO	00	1	TQ2	A3		04B	MOP CODE D-0011		
00982	XA430	38	XA325 56	CCBLUO	01	CCBLUO	00	1	TQ2	C1		18A	BLO CC00150B1631		
00983	XA325	56	XA325 47	CCBLUO	02	DC19CD	01	1	TLD	D1		24A			
00984	XA325	47	XA325 48	CCBLUO	03	DC16CD	01	1	TLD	D4		25B			
**** SIGNAL (CCBLUO) IS ON THE NEXT PAGE ****															

DRAWING NUMBER		149011-800		STRING		UNIT ASSEMBLY NAME		149011		REV D		PAGE		CCBLUO	
UNIT ASSEMBLY NAME		CARD CAGE ASSY,CPU R.H.				PART NUMBER		T3982CP2		PAGE		09-03-82		16	
RECORD NUMBER	FROM	TO	WIRE	NO	CODE	COLOR	IDENT	SYMBOL	NO	DESCRIPTION	NO	DESCRIPTION	NO	DESCRIPTION	NO
00985	XA325	48			168	9		CCBLUO	04	DC18CD	01 2	YLD	02	22A	
00986	XA325	41			168	9		CCBLUO	05	DC17CD	01 1	TLD	03	22B	
00987	XA430	30			168	9		CCBLV0	01	CCBLVJ	00 1	TQ2	C2	15A	BLO CC0015081631
00988	XA325	40			168	9		CCBLV0	02	DC23CD	01 2	YLD	C1	19A	
00989	XA325	35			168	9		CCBLV0	03	DC20CD	01 1	TLD	C4	17B	
00990	XA325	34			168	9		CCBLV0	04	DC22CD	01 2	YLD	C2	16A	
00991	XA325	29			168	9		CCBLV0	05	DC21CD	01 1	TLD	C3	14B	
00992	XA431	14			168	9		CCPCPB	01	CC018N	01 1	TDD	DN	09A	GATED CLOCK BUS F
00993	XA431	26			168	9		CCPCPB	02	CC008N	01 1	TDD	CN	14A	GATED CLOCK BUS F
00994	XA431	30			168	9		CCPCPB	03	CC038N	01 1	TDD	FN	15A	GATED CLOCK BUS F
00995	XA432	46			168	9		CCPCPB	04	CC118N	01 1	TDD	HN	21A	GATED CLOCK BUS F
00996	XA431	42			168	9		CCPCPB	05	CC028N	01 1	TDD	EN	20A	GATED CLOCK BUS F
00997	XA431	46			168	9		CCPCPB	06	CC058N	01 1	TDD	HN	21A	GATED CLOCK BUS F
00998	XA431	60			168	9		CCPCPB	07	CC078N	01 1	TDD	KN	28A	GATED CLOCK BUS F
00999	XA431	56			168	9		CCPCPB	08	CC048N	01 1	TDD	GN	26A	GATED CLOCK BUS F
01000	XA432	56			168	9		CCPCPB	09	CC108N	01 1	TDD	GN	26A	GATED CLOCK BUS F
01001	XA432	60			168	9		CCPCPB	10	CC138N	01 1	TDD	KV	28A	GATED CLOCK BUS F
01002	XA432	79			168	9		CCPCPB	11	CC148N	01 1	TDD	LN	39B	GATED CLOCK BUS F
01003	XA431	79			168	9		CCPCPB	12	CC088N	01 1	TDD	LN	39B	GATED CLOCK BUS F
01004	XA430	75			168	9	P	CCCPDA	13	CCPCPB	01 1	TQ2	F1	37B	
01005	XA430	69			168	9	P	CCCPFA	14	CCPCPB	03 1	TQ2	F3	35A	
01006	XA430	72			168	9	P	CCCPFA	15	CCPCPB	02 1	TQ2	F2	34A	
01007	XA431	70			168	9		CCPCPB	16	CC068N	01 1	TDD	JN	33A	GATED CLOCK BUS F
01008	XA431	72			168	9		CCPCPB	17	CC098N	01 1	TDD	MN	34A	GATED CLOCK BUS F
01009	XA432	70			168	9		CCPCPB	18	CC128N	01 1	TDD	JN	33A	GATED CLOCK BUS F
01010	XA432	72			168	9		CCPCPB	19	CC158N	01 1	TDD	MN	34A	GATED CLOCK BUS F
01011	XA430	75					J	CCCPDA	01	CCCPDA	00 1	TQ2	F1	37B	CCPCPB BUSS
01012	XA430	72					J	CCCPFA	01	CCCPFA	00 1	TQ2	F2	34A	CCPCPB BUSS
01013	XA430	69					J	CCCPFA	01	CCCPFA	00 1	TQ2	F3	35A	CCPCPB BUSS
01014	XA429	09			168	9		CCDTRA	01	CCDTRA	00 1	TQ4	A2	04B	MOP CODE D-0001
01015	XA428	08			168	9		CCDTRA	02	CCDTRA	01 2	TQ2	A1	06A	
01018	XA430	77			168	9		CCDTRA	01	CCCPDA	01 2	TQ2	F1	38B	
01019	XA430	73			168	9		CCDTRA	02	CCCPFA	01 1	TQ2	F2	36B	
01020	XA430	74			168	9		CCDTRA	03	CCCPFA	01 2	TQ2	F3	35B	
01021	XA428	06			168	9		CCDTRA	04	CCDTRA	00 1	TQ2	A1	05A	DTR M10015CC0015
01022	XA202	74			168	9		CCDTRA	05	CCE0CA	01 7	TQ8	F1	35B	
01023	XA430	22			168	9		CCE0CA	01	CCE0CA	00 1	TQ2	B1	12A	E=0 APOL
01024	XA428	19			168	9		CCE0CA	02	CCE0E0	01 2	TQ2	B3	09B	
01025	XA428	18			168	9		CCE0CA	03	CCE0D3	01 2	TQ2	B2	10A	
01026	XA428	25			168	9		CCE0CA	04	CCE0F0	01 2	TQ2	B4	12B	
01027	XA428	26			168	9		CCE0CA	05	CCE0C0	01 1	TQ2	B1	14A	
01028	XA428	36			168	9		CCE0CA	06	CCE0H0	01 1	TQ2	C2	17A	
**** SIGNAL (CCE0CA) IS ON THE NEXT PAGE ****															

DRAWING NUMBER 149011-800
 UNIT ASSEMBLY NAME CARD CAGE ASSY,CPU R.H.

STRING

149011
 T39B2CP2

D
 09-03-82

CCEOCA
 17

RECORD NUMBER	FROM				TO				MULTIPLIER	CODE	UNITS	SIGNAL	FUNCTION	TEST POINT	TEST POINT	TEST POINT		
	PREFIX	CONNECTOR	PIN	NO.	PREFIX	CONNECTOR	PIN	NO.										
01029		XA428	40						168	9		CCEOCA	07	CCE0G0	01	2	TQ2 C1	19A
01030		XA428	22		XA422	40			168	9		CCE0C0	01	CCE0C0	00	1	TQ2 B1	12A
01031		XA422	40		XA422	34			168	9		CCE0C0	02	C017CA	01	2	TT3 C1	19A
01032		XA422	34		XA422	24			168	9		CCE0C0	03	C020CA	01	1	TT3 C2	16A
01033		XA422	24		XA422	21			168	9		CCE0C0	04	C014CA	01	2	TT3 B1	13A
01034		XA422	21		XA422	14			168	9		CCE0C0	05	C016CA	01	1	TT3 B3	10B
01035		XA422	14		XA422	10			168	9		CCE0C0	06	C015CA	01	2	TT3 B2	09A
01036		XA422	10		XA422	09			168	9		CCE0C0	07	C030CA	01	1	TT3 A1	07A
01037		XA422	09		XA422	03			168	9		CCE0C0	08	C011CA	01	1	TT3 A3	04B
01038		XA422	03						168	9		CCE0C0	09	C013CA	01	3	TT3 A2	02A
01039		XA428	14		XA422	37			168	9		CCE0D0	01	CCE0D0	00	1	TQ2 B2	09A
01040		XA422	37		XA422	41			168	9		CCE0D0	02	C021CA	01	3	TT3 C3	18B
01041		XA422	41		XA422	45			168	9		CCE0D0	03	C023CA	01	3	TT3 D2	22B
01042		XA422	45		XA422	56			168	9		CCE0D0	04	C024CA	01	1	TT3 D3	24B
01043		XA422	56		XA422	60			168	9		CCE0D0	05	C022CA	01	1	TT3 D1	26A
01044		XA422	60		XA422	57			168	9		CCE0D0	06	C026CA	01	2	TT3 E2	28A
01045		XA422	57		XA422	70			168	9		CCE0D0	07	C027CA	01	1	TT3 E3	30B
01046		XA422	70		XA422	71			168	9		CCE0D0	08	C025CA	01	1	TT3 E1	33A
01047		XA422	71		XA422	75			168	9		CCE0D0	09	C032CA	01	1	TT3 F2	36A
01048		XA422	75						168	9		CCE0D0	10	C030CA	01	3	TT3 F1	37B
01049		XA428	21		XA420	05			168	9		CCE0E0	01	CCE0E0	00	1	TQ2 B3	10B
01050		XA420	05		XA420	09			168	9		CCE0E0	02	C035CA	01	1	TT3 A2	03B
01051		XA420	09		XA420	08			168	9		CCE0E0	03	C036CA	01	1	TT3 A3	04B
01052		XA420	08		XA420	14			168	9		CCE0E0	04	C034CA	01	2	TT3 A1	06A
01053		XA420	14		XA420	21			168	9		CCE0E0	05	C040CA	01	2	TT3 B2	09A
01054		XA420	21		XA420	26			168	9		CCE0E0	06	C041CA	01	1	TT3 B3	10B
01055		XA420	26		XA420	30			168	9		CCE0E0	07	C037CA	01	1	TT3 B1	14A
01056		XA420	30		XA420	33			168	9		CCE0E0	08	C043CA	01	2	TT3 C2	15A
01057		XA420	33		XA420	42			168	9		CCE0E0	09	C044CA	01	1	TT3 C3	16B
01058		XA420	42		XA422	78			168	9		CCE0E0	10	C042CA	01	1	TT3 C1	20A
01059		XA422	78						168	9		CCE0E0	11	C033CA	01	3	TT3 F3	38A
01060		XA428	27		XA418	08			168	9		CCE0F0	01	CCE0F0	00	1	TQ2 B4	13B
01061		XA418	08		XA420	41			168	9		CCE0F0	02	C063CA	01	2	TT3 A1	06A
01062		XA420	41		XA420	45			168	9		CCE0F0	03	C046CA	01	3	TT3 D2	22B
01063		XA420	45		XA420	54			168	9		CCE0F0	04	C047CA	01	1	TT3 D3	24B
01064		XA420	54		XA420	62			168	9		CCE0F0	05	C045CA	01	2	TT3 D1	25A
01065		XA420	62		XA420	68			168	9		CCE0F0	06	C056CA	01	1	TT3 E2	29A
01066		XA420	68		XA420	72			168	9		CCE0F0	07	C055CA	01	2	TT3 E1	32A
01067		XA420	72		XA420	69			168	9		CCE0F0	08	C061CA	01	2	TT3 F2	34A
01068		XA420	69		XA420	79			168	9		CCE0F0	09	C062CA	01	1	TT3 F3	35A
01069		XA420	79						168	9		CCE0F0	10	C057CA	01	1	TT3 F1	39B
01070		XA428	38		XA418	52			168	9		CCE0G0	01	CCE0G0	00	1	TQ2 C1	18A
01071		XA418	52		XA418	48			168	9		CCE0G0	02	C074CA	01	3	TT3 D1	24A
01072		XA418	48		XA418	42			168	9		CCE0G0	03	C075CA	01	1	TT3 D2	22A
01073		XA418	42		XA418	33			168	9		CCE0G0	04	C071CA	01	1	TT3 C1	20A
												****	SIGNAL (CCE0G0)	IS ON THE NEXT PAGE ****				

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DRAWING NUMBER 149011-800
 UNIT ASSEMBLY NAME CARD CAGE ASSY, CPU R.H.

STRING

UNIT ASSEMBLY NO 149011
 FILE IDENT T3982CP2

REV D
 DATE 09-03-82

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RECORD NUMBER	FROM			TO			W.M.F.	SIGNAL	EQUATION	TEST POINT	C.A.T. OR W.P. TYPE	PROP.	LOAD OR POWER PLANE	TEST POINTS AND/OR	SIGNAL DESCRIPTION	ECO NO.
	PREFIX	CONNECTOR	PIN	PREFIX	CONNECTOR	PIN										
01074		XA418	33	XA418	30		168 9	CCE0GO	05 C073CA	01 1 TT3 C3				16B		
01075		XA418	30	XA418	26		168 9	CCE0GO	06 C072CA	01 2 TT3 C2				19A		
01076		XA418	26	XA418	21		168 9	CCE0GO	07 C066CA	01 1 TT3 B1				14A		
01077		XA418	21	XA418	17		168 9	CCE0GO	08 C070CA	01 1 TT3 B3				10B		
01078		XA418	17	XA418	13		168 9	CCE0GO	09 C067CA	01 3 TT3 B2				08B		
01079		XA418	13	XA418	03		168 9	CCE0GO	10 C065CA	01 3 TT3 A3				06B		
01080		XA418	03				168 9	CCE0GO	11 C064CA	01 3 TT3 A2				02A		
01081		XA436	31	XA438	01		168 9	CCE0HO	01 C510DA	01 4 T04 C2				15B		
01082		XA438	01	XA437	30		168 9	CCE0HO	02 C450HA	01 2 TT3 A2				02B		
01083		XA437	30	XA428	30		168 9	CCE0HO	03 C458EA	01 3 T04 C2				15A		
01084		XA428	30	XA420	59		168 9	CCE0HO	04 CCE0HO	00 1 T02 C2				15A	E=0 UNLOAD	
01085		XA420	59				168 9	CCE0HO	05 C056DA	01 2 TT3 E3				31B		
01086		XA428	54	XA428	49		168 9	CCE1CA	01 CCE1E0	01 2 T02 D1				25A		
01087		XA428	49	XA428	48		168 9	CCE1CA	02 CCE1H0	01 2 T02 D4				26B		
01088		XA428	48	XA428	41		168 9	CCE1CA	03 CCE1F0	01 2 T02 D2				22A		
01089		XA428	41	XA428	35		168 9	CCE1CA	04 CCE1G0	01 1 T02 D3				22B		
01090		XA428	35	XA428	31		168 9	CCE1CA	05 CCE1D0	01 1 T02 C4				17B		
01091		XA428	31	XA430	14		168 9	CCE1CA	06 CCE1C0	01 2 T02 C3				15B		
01092		XA430	14	XA232	19		168 9	CCE1CA	07 CCE1CA	00 1 T02 B2				09A	E=1 APOL	
01093		XA232	19				168 9	CCE1CA	08 C0A0C0	01 2 T02 B3				09B		
01096		XA428	33	XA418	49		168 9	CCE1C0	01 CCE1C0	00 1 T02 C3				16B	E=1 UNLOAD	
01097		XA418	49	XA418	62		168 9	CCE1C0	02 C100CA	01 3 TT3 D3				26B		
01098		XA418	62	XA418	66		168 9	CCE1C0	03 C117CA	01 1 TT3 E2				29A		
01099		XA418	66				168 9	CCE1C0	04 C116CA	01 3 TT3 E1				31A		
01100		XA428	39	XA418	75		168 9	CCE1D0	01 CCE1D0	00 1 T02 C4				19B	E=1 UNLOAD	
01101		XA418	75	XA418	69		168 9	CCE1D0	02 C122CA	01 3 TT3 F1				37B		
01102		XA418	69	XA418	65		168 9	CCE1D0	03 C125CA	01 1 TT3 F3				35A		
01103		XA418	65	XA418	59		168 9	CCE1D0	04 C124CA	01 3 TT3 F2				34B		
01104		XA418	59	XA417	26		168 9	CCE1D0	05 C121CA	01 2 TT3 E3				31B		
01105		XA417	26	XA417	18		168 9	CCE1D0	06 C131CA	01 1 TT3 B1				14A		
01106		XA417	18	XA417	10		168 9	CCE1D0	07 C132CA	01 1 TT3 B2				10A		
01107		XA417	10	XA417	09		168 9	CCE1D0	08 C126CA	01 1 TT3 A1				07A		
01108		XA417	09	XA417	01		168 9	CCE1D0	09 C130CA	01 1 TT3 A3				04B		
01109		XA417	01				168 9	CCE1D0	10 C127CA	01 2 TT3 A2				02B		
01110		XA428	52	XA417	66		168 9	CCE1E0	01 CCE1E0	00 1 T02 D1				24A	E=1 UNLOAD	
01111		XA417	66	XA417	62		168 9	CCE1E0	02 C141CA	01 3 TT3 E1				31A		
01112		XA417	62	XA417	54		168 9	CCE1E0	03 C144CA	01 1 TT3 E2				29A		
01113		XA417	54	XA417	45		168 9	CCE1E0	04 C136CA	01 2 TT3 D1				25A		
01114		XA417	45	XA417	41		168 9	CCE1E0	05 C140CA	01 1 TT3 D3				24B		
01115		XA417	41	XA417	35		168 9	CCE1E0	06 C137CA	01 3 TT3 D2				22B		
01116		XA417	35	XA417	29		168 9	CCE1E0	07 C135CA	01 2 TT3 C3				17B		
01117		XA417	29	XA417	25		168 9	CCE1E0	08 C134CA	01 3 TT3 C2				14B		
01118		XA417	25				168 9	CCE1E0	09 C133CA	01 3 TT3 B3				12B		
01119		XA428	46	XA417	77		168 9	CCE1F0	01 CCE1F0	00 1 T02 D2				21A	E=1 UNLOAD	
**** SIGNAL (CCE1F0) IS ON THE NEXT PAGE ****																

DRAWING NUMBER		149011-800		STRING		UNIT ASSEMBLY NO		149011		REV D		INDEX		CCE1FO							
UNIT ASSEMBLY NAME		CARD CAGE ASSY,CPU R.H.		FILE IDENT		T3982CP2		DATE		09-03-82		PAGE		19							
RECORD NUMBER	FROM	TO	WRF	FILE	GROUP	CODE	COL. IN	IDENT	SIGNAL	SEQ NO	EQUATION	TIME	FACTOR	CAT OR CHAS TYPE	GROUP	LOAD OR POWER PLANE	TEST POINTS (AND JP)	SIGNAL DESCRIPTION	ECO NO		
01120	XA417	77				168	9		CCE1FO	02	C146CA	01	2	TT3	F1		38B				
01121	XA417	69				168	9		CCE1FO	03	C155CA	01	1	TT3	F3		35A				
01122	XA417	65				168	9		CCE1FO	04	C147CA	01	3	TT3	F2		34B				
01123	XA417	61				168	9		CCE1FO	05	C145CA	01	3	TT3	E3		32B				
01124	XA416	26				168	9		CCE1FO	06	C161CA	01	1	TT3	B1		14A				
01125	XA416	21				168	9		CCE1FO	07	C163CA	01	1	TT3	B3		10B				
01126	XA416	14				168	9		CCE1FO	08	C162CA	01	2	TT3	B2		09A				
01127	XA416	10				168	9		CCE1FO	09	C156CA	01	1	TT3	A1		07A				
01128	XA416	09				168	9		CCE1FO	10	C160CA	01	1	TT3	A3		04B				
01129	XA416	03				168	9		CCE1FO	11	C157CA	01	3	TT3	A2		02A				
01130	XA428	45				168	9		CCE1GO	01	CCE1GO	00	1	TQ2	D3		24B	E=1 UNLOAD			
01131	XA416	34				168	9		CCE1GO	02	C165CA	01	1	TT3	C2		16A				
01132	XA416	33				168	9		CCE1GO	03	C166CA	01	1	TT3	C3		16B				
01133	XA416	40				168	9		CCE1GO	04	C164CA	01	2	TT3	C1		19A				
01134	XA416	46				168	9		CCE1GO	05	C170CA	01	2	TT3	D2		21A				
01135	XA416	45				168	9		CCE1GO	06	C171CA	01	1	TT3	D3		24B				
01136	XA416	56				168	9		CCE1GO	07	C167CA	01	1	TT3	D1		26A				
01137	XA416	60				168	9		CCE1GO	08	C173CA	01	2	TT3	E2		28A				
01138	XA416	57				168	9		CCE1GO	09	C174CA	01	1	TT3	E3		30B				
01139	XA416	70				168	9		CCE1GO	10	C172CA	01	1	TT3	E1		33A				
01140	XA416	75				168	9		CCE1GO	11	C175CA	01	3	TT3	F1		37B				
18663	XA544	23				168	9		CCE1HO	01	C512YA	01	2	TT3	B3		11B				
01142	XA437	06				168	9		CCE1HO	02	C462HA	01	3	TQ4	A1		05A				
01143	XA438	37				168	9		CCE1HO	03	C452JA	01	3	TT3	C3		18B				
01144	XA428	51				168	9		CCE1HO	04	CCE1HO	00	1	TQ2	D4		27B	E=0 UNLOAD			
01145	XA417	40				168	9		CCE1HO	05	C133DA	01	2	TT3	C1		19A				
01146	XA430	66				168	9		CCMSCA	01	CCMSCA	00	1	TQ2	E1		31A	MODE.SISO* APOL			
01147	XA428	77				168	9		CCMSCA	02	CCMSCA	01	2	TQ2	F1		38B				
01150	XA428	75				168	9		CCMSCO	01	CCMSCO	00	1	TQ2	F1		37B	MODE.SISO* OPOL			
01151	XA311	79				168	9		CCMSCO	02	C310KA	01	1	TQ2	F1		39B				
01152	XA315	66				168	9		CCMSCO	03	C336DA	01	3	TT3	E1		31A				
01153	XA316	55				168	9		CCMSCO	04	C308NA	01	2	TQ2	E3		29B				
01154	XA317	53				168	9		CCMSCO	05	C310FA	01	1	TQ2	E3		28B				
01155	XA315	26				168	9		CCMSCO	06	C308DA	01	1	TT3	B1		14A				
01156	XA310	10				168	9		CCMSCO	07	C306DA	01	1	TT3	A1		07A				
22288	XA450	79				168	9		CCMODA	00B				EXT							
18785	XA505	73				168	9		CCMODA	00C	CCMOEO	01	1	TQ2	F2		36B				
01157	XA428	71				168	9		CCMODA	01	CCMOD0	01	2	TQ2	F2		34A				
01158	XA430	60				168	9		CCMODA	02	CCMODA	00	1	TQ2	E2		28A	INSTR MODE IS ZER			
01159	XA435	68				168	9		CCMODA	03	C457UA	01	2	TQ2	E1		32A				
01160	XA435	23				168	9		CCMODA	04	C462GA	01	1	TQ2	B4		11B				
01161	XA235	22				168	9		CCMODA	05	C220DA	01	3	TS8	B1		12A				
01162	XA244	13				168	9		CCMODA	06	C216CA	01	3	TT3	A3		06B				
01163	XA244	06				168	9		CCMODA	07	C214EA	01	3	TT3	A1		05A				
										****	SIGNAL	CCMOD0	IS ON THE NEXT PAGE				****				

DRAWING NUMBER 149011-800
 UNIT ASSEMBLY NAME CARD CAGE ASSY,CPU R.H.

STRING

UNIT ASSEMBLY NO 149011
 PART IDENT T39B2CP2
 REV D
 DATE 09-03-82
 SHEET CC4000
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RECORD NUMBER	FROM				TO				WIRE	CABLE	DEFINITION	SIGNAL	SIGNAL NO	SIGNAL DESCRIPTION	WIRE NO
	PROFILE	CONNECTOR	PIN	WIRE	PROFILE	CONNECTOR	PIN	WIRE							
22286		XA450	77		XA428	72		168	9		CC4000	01	EXT		
01169		XA428	72		XA430	70		168	9		CC4000	02	CC4000 00 1 TQ2 F2	34A	MODE=0 OPCL
01170		XA430	70		XA537	05		168	9		CC4000	03	CCMSCA 01 1 TQ2 E1	33A	
01171		XA537	05		XA232	20		168	9		CC4000	04	C521HA 01 2 TQ2 A2	03B	
01172		XA232	20		XA244	23		168	9		CC4000	05	C2370A 01 1 TQ2 B2	11A	
01173		XA244	23		XA244	17		168	9		CC4000	06	C221CA 01 2 TT3 B3	11B	
01174		XA244	17					163	9		CC4000	07	C217CA 01 3 TT3 B2	08B	
01180		XA505	72		XA515	61		168	9		CC40E0	01	CC40E0 00 1 TQ2 F2	34A	JNQUAL AUCTION
01168		XA515	61					168	9		CC40E0	02	PQ052A 01 3 TT3 E3	32R	
01175		XA430	68		XA429	59		168	9		CCSZRA	01	CCMSCA 01 2 TQ2 E1	32A	
01176		XA429	59		XA428	65		168	9		CCSZRA	02	CCSZRA 00 1 TD4 E1	31B	INDEX FLD IS ZERO
01177		XA428	65					168	9		CCSZRA	03	CCSZRO 01 1 TQ2 F3	34R	
01180		XA428	69		XA207	06		168	9		CCSZRO	01	CCSZRO 00 1 TQ2 F3	35A	S=0, CC13*,CC14*
01181		XA207	06		XA207	05		168	9		CCSZRO	02	C5E0HA 01 3 TD4 A1	05A	
01182		XA207	05					168	9		CCSZRO	03	C5E0JA 01 2 TD4 A2	03B	
01183		XA446	49		XA429	57		168	9		CCSICA	01	C406GA 01 3 TT3 D3	26R	
01184		XA429	57					168	9		CCSICA	02	CCSICA 00 1 TD4 E2	30B	S=1,APOL
01185		XA431	23		XA430	24		168	9		CC00BP	01	CC00BP 00 1 TD0 CP	11B	
01186		XA430	24					168	9		CC00BP	02	CC00CA 01 2 TQ2 B1	13A	
01187		XA431	25		XA430	18		168	9		CC00BQ	01	CC00BQ 00 1 TD0 C0	12B	
01188		XA430	18		XA325	49		168	9		CC00BQ	02	CC01CA 01 2 TQ2 B2	10A	
01189		XA325	49					168	9		CC00BQ	03	DC16CD 01 2 TLD D4	26B	
01190		XA431	21		XA427	22		168	9		CC01BP	01	CC01BP 00 1 TD0 CP	10B	
01191		XA427	22		XA427	10		168	9		CC01BP	02	CX3XAA 01 3 TT3 B1	12A	
01192		XA427	10		XA427	09		168	9		CC01BP	03	CX0XAA 01 1 TT3 A1	07A	
01193		XA427	09		XA427	01		168	9		CC01BP	04	CX2XAA 01 1 TT3 A3	04B	
01194		XA427	01		XA416	78		168	9		CC01BP	05	CX1XAA 01 2 TT3 A2	02R	
01195		XA416	78					168	9		CC01BP	06	CX2XCA 01 3 TT3 F3	38A	
01196		XA427	42		XA427	29		168	9		CC01BQ	01	CX6XAA 01 1 TT3 C1	20A	
01197		XA427	29		XA427	25		168	9		CC01BQ	02	CX7XAA 01 3 TT3 C2	14B	
01198		XA427	25		XA427	14		168	9		CC01BQ	03	CX5XAA 01 3 TT3 B3	12B	
01199		XA427	14		XA431	19		168	9		CC01BQ	04	CX4XAA 01 2 TT3 B2	09A	
01200		XA431	19		XA325	43		168	9		CC01BQ	05	CC01BQ 00 1 TD0 D0	09B	
01201		XA325	43					168	9		CC01BQ	06	DC17CD 01 2 TLD D3	23B	
01202		XA431	35		XA427	21		168	9		CC02BP	01	CC02BP 00 1 TD0 EP	17B	
01203		XA427	21		XA427	17		168	9		CC02BP	02	CX5XAA 01 1 TT3 B3	10B	
01204		XA427	17		XA427	06		168	9		CC02BP	03	CX4XAA 01 3 TT3 B2	08B	
01205		XA427	06		XA427	05		168	9		CC02BP	04	CX0XAA 01 3 TT3 A1	05A	
01206		XA427	05					168	9		CC02BP	05	CX1XAA 01 1 TT3 A2	03B	
01207		XA431	37		XA427	38		168	9		CC02BQ	01	CC02BQ 00 1 TD0 E0	18B	
**** SIGNAL (CC02BQ) IS ON THE NEXT PAGE ****															

DRAWING NUMBER		149011-800		STRING		149011		C		CC0290			
UNIT ASSEMBLY NAME		CARD CAGE ASSY, CPU R.H.		T3982CP2		09-03-82		21					
RECORD NUMBER	PREFIX	CONNECTOR	PIN	PREFIX	CONNECTOR	PIN	WIRE	GROUP	CODE	COLOR	FUNCTION	TERMINATION	
01208		XA427	38	XA427	34		168 9		CC02BQ	02	CX6XAA	01 3 TT3 C1	
01209		XA427	34	XA427	26		168 9		CC02BQ	03	CX7XAA	01 1 TT3 C2	
01210		XA427	26	XA427	11		168 9		CC02BQ	04	CX3XAA	01 1 TT3 B1	
01211		XA427	11	XA416	69		168 9		CC02BQ	05	CX2XAA	01 2 TT3 A3	
01212		XA416	69	XA325	50		168 9		CC02BQ	06	CX2XCA	01 1 TT3 F3	
01213		XA325	50				168 9		CC02BQ	07	DC18CD	01 1 TLD J2	
01214		XA431	33	XA427	40		168 9		CC03BP	01	CC03BP	00 1 TOD FP	
01215		XA427	40	XA427	18		168 9		CC03BP	02	CX6XAA	01 2 TT3 C1	
01216		XA427	18	XA427	08		168 9		CC03BP	03	CX4XAA	01 1 TT3 B2	
01217		XA427	08	XA427	13		168 9		CC03BP	04	CX0XAA	01 2 TT3 A1	
01218		XA427	13	XA416	76		168 9		CC03BP	05	CX2XAA	01 3 TT3 A3	
01219		XA416	76				168 9		CC03BP	06	CX2XCA	01 2 TT3 F3	
01220		XA431	31	XA427	30		168 9		CC03BQ	01	CC03BQ	00 1 TOD FQ	
01221		XA427	30	XA427	24		168 9		CC03BQ	02	CX7XAA	01 2 TT3 C2	
01222		XA427	24	XA427	23		168 9		CC03BQ	03	CX3XAA	01 2 TT3 B1	
01223		XA427	23	XA427	03		168 9		CC03BQ	04	CX5XAA	01 2 TT3 B3	
01224		XA427	03	XA325	54		168 9		CC03BQ	05	CX1XAA	01 3 TT3 A2	
01225		XA325	54				168 9		CC03BQ	06	DC19CD	01 2 TLD D1	
01226		XA431	47	XA427	52		168 9		CC04BP	01	CC04BP	00 1 TOD GP	
01227		XA427	52	XA427	45		168 9		CC04BP	02	CXX1AA	01 3 TT3 D1	
01228		XA427	45	XA427	41		168 9		CC04BP	03	CXX3AA	01 1 TT3 D3	
01229		XA427	41	XA427	35		168 9		CC04BP	04	CXX2AA	01 3 TT3 D2	
01230		XA427	35				168 9		CC04BP	05	CXX0AA	01 2 TT3 C3	
01231		XA427	75	XA427	70		168 9		CC04BQ	01	CXX7AA	01 3 TT3 F1	
01232		XA427	70	XA427	61		168 9		CC04BQ	02	CXX4AA	01 1 TT3 E1	
01233		XA427	61	XA427	60		168 9		CC04BQ	03	CXX6AA	01 3 TT3 E3	
01234		XA427	60	XA431	49		168 9		CC04BQ	04	CXX5AA	01 2 TT3 E2	
01235		XA431	49	XA325	37		168 9		CC04BQ	05	CC04BQ	00 1 TOD GQ	
01236		XA325	37				168 9		CC04BQ	06	DC20CD	01 2 TLD C4	
01237		XA431	45	XA427	37		168 9		CC05BP	01	CC05BP	00 1 TOD HP	
01238		XA427	37	XA427	54		168 9		CC05BP	02	CXX0AA	01 3 TT3 C3	
01239		XA427	54	XA427	53		168 9		CC05BP	03	CXX1AA	01 2 TT3 D1	
01240		XA427	53	XA427	68		168 9		CC05BP	04	CXX5AA	01 3 TT3 E2	
01241		XA427	68				168 9		CC05BP	05	CXX4AA	01 2 TT3 E1	
01242		XA427	79	XA427	57		168 9		CC05BQ	01	CXX7AA	01 1 TT3 F1	
01243		XA427	57	XA427	49		168 9		CC05BQ	02	CXX6AA	01 1 TT3 E3	
01244		XA427	49	XA427	46		168 9		CC05BQ	03	CXX3AA	01 3 TT3 D3	
01245		XA427	46	XA431	43		168 9		CC05BQ	04	CXX2AA	01 2 TT3 D2	
01246		XA431	43	XA325	31		168 9		CC05BQ	05	CC05BQ	00 1 TOD HQ	
01247		XA325	31				168 9		CC05BQ	06	DC21CD	01 2 TLD C3	
01248		XA431	59	XA427	66		168 9		CC06BP	01	CC06BP	00 1 TOD JP	
01249		XA427	66	XA427	59		168 9		CC06BP	02	CXX4AA	01 3 TT3 E1	
01250		XA427	59	XA427	48		168 9		CC06BP	03	CXX6AA	01 2 TT3 E3	
								****	SIGNAL	(CC06BP)	IS ON THE	NEXT PAGE	****

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DRAWING NUMBER		149011-800		STRING		UNIT ASSEMBLY NO		149011		REV D		INDEX		CC06BP			
UNIT ASSEMBLY NAME		CARD CAGE ASSY,CPU R.H.				FILE IDENT		T3982CP2		DATE		09-03-82		PAGE 22			
RECORD NUMBER	FROM	TO	WAVE	GROUP	CODE	UNIT	SIGNAL	SIG NO	EQUATION	3	4	5	6	7	8	9	
	PREFIX	CONNECTOR	PIN		PREFIX	CONNECTOR	PIN										
01251		XA427	48		XA427	33		168	9	CC06BP	04	CXX2AA	01	1	TT3	D2	22A
01252		XA427	33					168	9	CC06BP	05	CXX0AA	01	1	TT3	C3	16B
01253		XA431	61		XA427	77		168	9	CC06BQ	01	CC06BQ	00	1	T00	JQ	32B
01254		XA427	77		XA427	62		168	9	CC06BQ	02	CXX7AA	01	2	TT3	F1	38B
01255		XA427	62		XA427	56		168	9	CC06BQ	03	CXX5AA	01	1	TT3	E2	29A
01256		XA427	56		XA427	47		168	9	CC06BQ	04	CXX1AA	01	1	TT3	D1	28A
01257		XA427	47		XA325	36		168	9	CC06BQ	05	CXX3AA	01	2	TT3	D3	25B
01258		XA325	36					168	9	CC06BQ	06	DC22CD	01	1	TLD	C2	17A
01259		XA431	57		XA430	62		168	9	CC07BP	01	CC07BP	00	1	T00	KP	30B
01260		XA430	62		XA406	79		168	9	CC07BP	02	CCM0DA	01	2	TQ2	E2	29A
01261		XA406	79					168	9	CC07BP	03	CM00DA	01	1	TQ2	F1	39B
01262		XA406	71		XA431	55		168	9	CC07BQ	01	CM00DA	01	2	TQ2	F2	36A
01263		XA431	55		XA325	42		168	9	CC07BQ	02	CC07BQ	00	1	T00	KQ	29B
01264		XA325	42		XA207	01		168	9	CC07BQ	03	DC23CD	01	1	TLD	C1	20A
01265		XA207	01		XA207	10		168	9	CC07BQ	04	CSE0JA	01	3	T04	A2	02B
01266		XA207	10		XA205	08		168	9	CC07BQ	05	CSE0HA	01	1	T04	A1	07A
01267		XA205	08					168	9	CC07BQ	06	CSE0GO	01	2	TT3	A1	06A
01272		XA540	24		XA431	76		168	9	CC08BP	01	C521NA	01	2	TT3	B1	13A
01273		XA431	76		XA430	61		168	9	CC08BP	02	CC08BP	00	1	T00	LP	37A
01274		XA430	61		XA430	64		168	9	CC08BP	03	CC08Q0	01	2	TQ2	E4	32B
01275		XA430	64		XA406	77		168	9	CC08BP	04	CCM0DA	01	1	TQ2	E2	30A
01276		XA406	77		XA230	13		168	9	CC08BP	05	CM00DA	01	2	TQ2	F1	38B
01277		XA230	13		XA207	08		168	9	CC08BP	06	C237PA	01	4	T04	A1	06B
01278		XA207	08					168	9	CC08BP	07	CSE0HA	01	2	T04	A1	06A
01279		XA406	73		XA437	48		168	9	CC08BQ	01	CM00DA	01	1	TQ2	F2	36B
01280		XA437	48		XA431	78		168	9	CC08BQ	02	C457TA	01	2	T04	D2	22A
01281		XA431	78		XA325	25		168	9	CC08BQ	03	CC08BQ	00	1	T00	LQ	38A
01282		XA325	25		XA207	04		168	9	CC08BQ	04	DC24CD	01	2	TLD	B4	12B
01283		XA207	04					168	9	CC08BQ	05	CSE0JA	01	1	T04	A2	04A
01292		XA430	63		XA302	53		168	9	CC08Q0	01	CC08Q0	00	1	TQ2	E4	33B
01293		XA302	53					168	9	CC08Q0	02	C612JA	01	1	TQ2	E3	28B
01296		XA431	65		XA430	56		168	9	CC09BP	01	CC09BP	00	1	T00	MP	35A
01297		XA430	56		XA133	10		168	9	CC09BP	02	CC09Q0	01	1	TQ2	D1	26A
01298		XA133	10		XA112	14		168	9	CC09BP	03	CRUSKA	01	1	T04	A1	07A
01299		XA112	14					168	9	CC09BP	04	EHZRCA	01	3	T04	B2	09A
01300		XA431	74		XA326	13		168	9	CC09BQ	01	CC09BQ	00	1	T00	MQ	35B
01301		XA326	13		XA325	17		168	9	CC09BQ	02	DC28HQ	01	2	TLD	A4	06B
01302		XA325	17		XA314	20		168	9	CC09BQ	03	DC25CD	01	1	TLD	B3	08B
01303		XA314	20		XA311	23		168	9	CC09BQ	04	C345HA	01	1	TQ2	B2	11A
01304		XA311	23		XA135	10		168	9	CC09BQ	05	C345PA	01	1	TQ2	B4	11B
01305		XA135	10					168	9	CC09BQ	06	CRUSLA	01	1	TQ2	A1	07A
**** SIGNAL (CC09Q0) IS ON THE NEXT PAGE ****																	

DRAWING NUMBER		149011-800		STRING		UNIT ASSEMBLY NO		149011		REV D		INDEX		CC0900							
UNIT ASSEMBLY NAME		CARD CAGE ASSY,CPU R.H.				FILE IDENT		T39B2CP2		DATE		09-03-82		PAGE 23							
RECORD NUMBER	FROM	TO	W R F	PRE F I	CONNECTOR	PIN	MULTI GROUP	CODE	CO N	IDENT	SIGNAL	SEQ NO	EQUATION	Z	Z	CON	CON	TEST POINTS	SIGNAL DESCRIPTION	ECO NO	
01312	XA446	22			XA445	25		168	9		CC0900	01	C400EA	01	3	TT3	B1	12A			
01313	XA445	25			XA443	20		168	9		CC0900	02	C400CA	01	2	TQ2	B4	12B			
01314	XA443	20			XA430	52		168	9		CC0900	03	C400DA	01	4	TS8	B1	11A			
01315	XA430	52			XA111	17		168	9		CC0900	04	CC0900	00	1	TQ2	D1	24A	CC09BQ UNLOAD		
01316	XA111	17						168	9		CC0900	05	E0171A	01	1	TQ2	B3	08B			
01319	XA432	47			XA430	48		168	9		CC108P	01	CC108P	00	1	T00	GP	25B			
01320	XA430	48			XA133	08		168	9		CC108P	02	CC100Q	01	2	TQ2	D2	22A			
01321	XA133	08			XA112	18		168	9		CC108P	03	CRUSKA	01	2	T04	A1	06A			
01322	XA112	18						168	9		CC108P	04	EHZRCA	01	2	T04	B2	10A			
01323	XA432	49			XA326	07		168	9		CC108Q	01	CC108Q	00	1	T00	GQ	26B			
01324	XA326	07			XA325	18		168	9		CC108Q	02	DC29HD	01	2	TLD	A3	03A			
01325	XA325	18			XA314	19		168	9		CC108Q	03	DC26CD	01	2	TLD	B2	10A			
01326	XA314	19			XA311	24		168	9		CC108Q	04	C345QA	01	2	TQ2	B3	09B			
01327	XA311	24			XA135	04		168	9		CC108Q	05	C345JA	01	2	TQ2	B1	13A			
01328	XA135	04						168	9		CC108Q	06	CRUSMA	01	1	TQ2	A2	04A			
01333	XA446	14			XA445	42		168	9		CC100Q	01	C401EA	01	2	TT3	B2	09A			
01334	XA445	42			XA443	38		168	9		CC100Q	02	C401CA	01	1	TQ2	C1	20A			
01335	XA443	38			XA430	46		168	9		CC100Q	03	C401DA	01	3	TS8	C1	18A			
01336	XA430	46			XA111	10		168	9		CC100Q	04	CC100Q	00	1	TQ2	D2	21A	CC10BQ UNLOAD		
01337	XA111	10						168	9		CC100Q	05	E0181A	01	1	TQ2	A1	07A			
01340	XA432	45			XA430	41		168	9		CC118P	01	CC118P	00	1	T00	HP	24B			
01341	XA430	41			XA133	13		168	9		CC118P	02	CC1100	01	1	TQ2	D3	22B			
01342	XA133	13			XA112	20		168	9		CC118P	03	CRUSKA	01	4	T04	A1	06B			
01343	XA112	20						168	9		CC118P	04	EHZRCA	01	1	T04	B2	11A			
01344	XA432	43			XA326	04		168	9		CC118Q	01	CC118Q	00	1	T00	HQ	23B			
01345	XA326	04			XA325	24		168	9		CC118Q	02	DC30HD	01	1	TLD	A2	04A			
01346	XA325	24			XA314	23		168	9		CC118Q	03	DC27CD	01	2	TLD	B1	13A			
01347	XA314	23			XA311	18		168	9		CC118Q	04	C345RA	01	1	TQ2	B4	11B			
01348	XA311	18			XA135	07		168	9		CC118Q	05	C345KA	01	2	TQ2	B2	10A			
01349	XA135	07						168	9		CC118Q	06	CRUSNA	01	2	TQ2	A3	03A			
01354	XA446	25			XA445	34		168	9		CC110Q	01	C402EA	01	3	TT3	B3	12B			
01355	XA445	34			XA443	46		168	9		CC110Q	02	C402CA	01	2	TQ2	C2	16A			
01356	XA443	46			XA430	45		168	9		CC110Q	03	C402DA	01	6	TS8	D1	21A			
01357	XA430	45			XA110	22		168	9		CC110Q	04	CC110Q	00	1	TQ2	D3	24B	CC11BQ UNLOAD		
01358	XA110	22			XA103	10		168	9		CC110Q	05	EDC3CA	01	3	TS8	B1	12A			
01359	XA103	10						168	9		CC110Q	06	EDC2CA	01	1	TS8	A1	07A			
01362	XA430	49			XA432	59		168	9		CC128P	01	CC1200	01	2	TQ2	D4	26B			
01363	XA432	59			XA446	34		168	9		CC128P	02	CC128P	00	1	T00	JP	31B			
01364	XA446	34			XA244	72		168	9		CC128P	03	C403EA	01	1	TT3	C2	16A			
01365	XA244	72			XA238	53		168	9		CC128P	04	C209EA	01	2	TT3	F2	34A			
01366	XA238	53			XA236	53		168	9		CC128P	05	C226QA	01	1	TQ2	E3	28B			
01367	XA236	53			XA244	75		168	9		CC128P	06	C226PA	01	1	TQ2	E3	28B			
01368	XA244	75			XA133	06		168	9		CC128P	07	C205CA	01	3	TT3	F1	37B			
											****	SIGNAL	(CC128P)	IS ON THE	NEXT PAGE	****					

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DRAWING NUMBER 149011-800
 UNIT ASSEMBLY NAME CARD CAGE ASSY,CPU R.H.

STRING

UNIT ASSEMBLY NO 149011
 PART NO T39B2CP2

REV D
 DATE 09-03-82

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RECORD NO.	FROM PREFIX	CONNECTOR	PIN	TO PREFIX	CONNECTOR	PIN	WIRE NO.	WIRE COLOR	WIRE DEN.	FUNCTION	WIRE NO.	WIRE COLOR	WIRE DEN.	TEST POINT	TEST POINT	TEST POINT
01369		XA133	06		XA112	19	168	9		CC128P	08	CRUSKA	01 3 TD4 A1	35A		
01370		XA112	19				168	9		CC128P	09	EHZRCA	01 4 TD4 B2	09B		
01371		XA432	61		XA325	13	168	9		CC128Q	01	CC128Q	00 1 TDD J0	32B		
01372		XA325	13		XA326	08	168	9		CC128Q	02	DC28CD	01 2 TLD A4	06B		
01373		XA326	08		XA135	11	168	9		CC128Q	03	DC31HD	01 2 TLD A1	06A		
01374		XA135	11				168	9		CC128Q	04	CRUSPA	01 1 TQ2 A4	05B		
01379		XA446	40		XA443	61	168	9		CC1200	01	C403CA	01 2 TT3 C1	19A		
01380		XA443	61		XA430	51	168	9		CC1200	02	C403DA	01 8 TS8 E1	32B		
01381		XA430	51		XA314	10	168	9		CC1200	03	CC1200	00 1 TQ2 J4	27B	CC128Q UNLOAD	
01382		XA314	10		XA311	17	168	9		CC1200	04	C345SA	01 1 TQ2 A1	07A		
01383		XA311	17		XA110	26	168	9		CC1200	05	C345CA	01 1 TQ2 B3	38B		
01384		XA110	26				168	9		CC1200	06	EDC3CA	01 1 TS8 B1	14A		
01387		XA432	57		XA429	64	168	9		CC138P	01	CC138P	00 1 TDD KP	30B		
01388		XA429	64		XA429	61	168	9		CC138P	02	CCS1CA	01 1 TD4 E2	30A		
01389		XA429	61				168	9		CC138P	03	CCS2RA	01 4 TD4 E1	32B		
01390		XA432	55		XA441	03	168	9		CC138Q	01	CC138Q	00 1 TDD K3	29B		
01391		XA441	03		XA325	07	168	9		CC138Q	02	C426CA	01 1 T32 A3	02A		
01392		XA325	07				168	9		CC138Q	03	DC29CD	01 2 TLD A3	03A		
01395		XA432	76		XA429	66	168	9		CC148P	01	CC148P	00 1 TDD LP	37A		
01396		XA429	66		XA429	62	168	9		CC148P	02	CCS2RA	01 3 TD4 E1	31A		
01397		XA429	62				168	9		CC148P	03	CCS1CA	01 2 TD4 E2	29A		
01398		XA432	78		XA441	13	168	9		CC148Q	01	CC148Q	00 1 TDD LQ	38A		
01399		XA441	13		XA325	04	168	9		CC148Q	02	C427CA	01 2 TQ2 A4	06B		
01400		XA325	04				168	9		CC148Q	03	DC30CD	01 1 TLD A2	04A		
01401		XA432	69		XA429	70	168	9		CC158P	01	CC158P	00 1 TDD MP	35A		
01402		XA429	70				168	9		CC158P	02	CCS2RA	01 1 TD4 E1	33A		
01403		XA441	26		XA432	74	168	9		CC158Q	01	C428CA	01 1 TQ2 B1	14A		
01404		XA432	74		XA429	60	168	9		CC158Q	02	CC158Q	00 1 TDD MQ	35B		
01405		XA429	60		XA325	10	168	9		CC158Q	03	CCS1CA	01 3 TD4 E2	28A		
01406		XA325	10				168	9		CC158Q	04	DC31CD	01 1 TLD A1	07A		
01407		XA430	33		XA416	72	168	9		CDB36A	01	CDB36A	00 1 TQ2 C3	16B	CNST +36 TO 09273	
01408		XA416	72		XA415	35	168	9		CDB36A	02	DC30XD	01 2 TT3 F2	34A		
01409		XA415	35		XA415	34	168	9		CDB36A	03	DC29XD	01 1 TQ2 C4	17B		
01410		XA415	34		XA415	29	168	9		CDB36A	04	DC27XD	01 2 TQ2 C2	16A		
01411		XA415	29				168	9		CDB36A	05	DC28XD	01 1 TQ2 C3	14B		
01412		XA428	11		XA429	21	168	9		CDB43A	01	CDB430	01 1 TQ2 A4	05B		
01413		XA429	21		XA415	42	168	9		CDB43A	02	CDB43A	00 1 TD4 B2	10B	BLO +0000430B1631	
01414		XA415	42		XA416	71	168	9		CDB43A	03	DC26XD	01 1 TQ2 C1	20A		
01415		XA416	71				168	9		CDB43A	04	DC30XD	01 1 TT3 F2	36A		
*** SIGNAL (CDB430) IS ON THE NEXT PAGE ***																

DRAWING NUMBER		149011-800		STRING		UNIT ASSEMBLY NAME		149011		DATE		09-03-82		CDB430		
UNIT ASSEMBLY NAME		CARD CAGE		ASSY,CPU R.H.		PART NUMBER		T39B2CP2		PAGE		25				
RECORD NUMBER	PREFIX	CONNECTOR	PIN	PREFIX	CONNECTOR	PIN	WIRE	CODE	COLOR	SIGNAL	RELATION	RELATION	RELATION	RELATION	RELATION	RELATION
01416		XA328	10		XA428	15		168	9	CDB430	01	OC314D	01 1 TLD	A1	07A	
01417		XA428	15					168	9	CDB430	02	CDB430	00 1 TQ2	A4	07B	
01418		XA226	68		XA220	06		168	9	C000CA	01	C000C0	01 2 TQ2	E1	32A	
01419		XA220	06					168	9	C000CA	02	C000CA	00 1 TQ2	A1	05A	STATE COUNTER DEC
01422		XA226	66		XA223	68		168	9	C000C0	01	C000C0	00 1 TQ2	E1	31A	STATE 00
01423		XA223	68		XA224	56		168	9	C000C0	02	CF00CA	01 2 TQ2	E1	32A	
01424		XA224	56		XA223	54		168	9	C000C0	03	CG30CA	01 1 TQ2	D1	26A	
01425		XA223	54		XA223	42		168	9	C000C0	04	CG60CA	01 2 TQ2	D1	25A	
01426		XA223	42		XA222	24		168	9	C000C0	05	CG50CA	01 1 TQ2	C1	20A	
01427		XA222	24		XA223	24		168	9	C000C0	06	CG70CA	01 2 TQ2	B1	13A	
01428		XA223	24		XA224	17		168	9	C000C0	07	CG40CA	01 2 TQ2	B1	13A	
01429		XA224	17		XA224	10		168	9	C000C0	08	CG20CA	01 1 TQ2	B3	08B	
01430		XA224	10		XA105	03		168	9	C000C0	09	CG10CA	01 1 TQ2	A1	07A	
01431		XA105	03					168	9	C000C0	10	ET00CA	01 1 TQ2	A3	02A	
01432		XA222	34		XA220	01		168	9	C001CA	01	C001C0	01 2 TQ2	C2	16A	
01433		XA220	01					168	9	C001CA	02	C001CA	00 1 TQ2	A2	02B	
01438		XA540	60		XA220	55		168	9	C001C0	01	C518MA	01 2 TT3	E2	28A	
01439		XA220	55		XA223	62		168	9	C001C0	02	CG71CA	01 2 TQ2	E3	29B	
01440		XA223	62		XA224	50		168	9	C001C0	03	CF31CA	01 2 TQ2	E2	29A	
01441		XA224	50		XA223	48		168	9	C001C0	04	CG31CA	01 1 TQ2	D2	23A	
01442		XA223	48		XA223	36		168	9	C001C0	05	CG81CA	01 2 TQ2	D2	22A	
01443		XA223	36		XA222	30		168	9	C001C0	06	CG51CA	01 1 TQ2	C2	17A	
01444		XA222	30		XA223	20		168	9	C001C0	07	C001C0	00 1 TQ2	C2	15A	STATE 01
01445		XA223	20		XA224	25		168	9	C001C0	08	CG41CA	01 1 TQ2	B2	11A	
01446		XA224	25		XA224	04		168	9	C001C0	09	CG21CA	01 2 TQ2	B4	12B	
01447		XA224	04		XA105	13		168	9	C001C0	10	CG11CA	01 1 TQ2	A2	04A	
01448		XA105	13					168	9	C001C0	11	ET01CA	01 2 TQ2	A4	06B	
01449		XA222	29		XA220	09		168	9	C002CA	01	C002C0	01 1 TQ2	C3	14B	
01450		XA220	09					168	9	C002CA	02	C002CA	00 1 TQ2	A3	04B	
01455		XA538	77		XA220	47		168	9	C002C0	01	C527KA	01 2 TQ4	F1	38B	
01456		XA220	47		XA223	53		168	9	C002C0	02	CG72CA	01 1 TQ2	D4	25B	
01457		XA223	53		XA224	42		168	9	C002C0	03	CF02CA	01 1 TQ2	E3	28B	
01458		XA224	42		XA224	41		168	9	C002C0	04	CG22CA	01 1 TQ2	C1	20A	
01459		XA224	41		XA223	41		168	9	C002C0	05	CG32CA	01 1 TQ2	D3	22B	
01460		XA223	41		XA222	33		168	9	C002C0	06	CG62CA	01 1 TQ2	D3	22B	
01461		XA222	33		XA223	29		168	9	C002C0	07	C002C0	00 1 TQ2	C3	16B	STATE 02
01462		XA223	29		XA223	19		168	9	C002C0	08	CG52CA	01 1 TQ2	C3	14B	
01463		XA223	19		XA224	07		168	9	C002C0	09	CG42CA	01 2 TQ2	B3	09B	
01464		XA224	07		XA105	20		168	9	C002C0	10	CG12CA	01 2 TQ2	A3	03A	
01465		XA105	20					168	9	C002C0	11	ET02CA	01 1 TQ2	B2	11A	
01466		XA222	35		XA220	15		168	9	C003CA	01	C003C0	01 1 TQ2	C4	17B	
01467		XA220	15					168	9	C003CA	02	C003CA	00 1 TQ2	A4	07B	
										****	SIGNAL	C003C0	IS ON THE NEXT PAGE			****

DRAWING NUMBER 149011-800
UNIT ASSEMBLY NAME CARD CAGE ASSY,CPU R.H.

STRING

UNIT ASSEMBLY NO 149011
FILE IDENT T3982CP2

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INDEX CD330

RECORD NUMBER	FROM				TO				MULTI GROUP	CODE	COLOR	CENT	SIGNAL	SIGNAL NO	EQUATION	STATE	TYPE	POINT	SIGNAL DESCRIPTION	ECO NO		
	PREFIX	CONNECTOR	PIN	POS	PREFIX	CONNECTOR	PIN	POS														
01472		XA401	41		XA223	59			168	9			CD03C0	01	CG130A	01	3	T13	D2	22B	C07	
01473		XA223	59		XA224	49			168	9			CD03C0	02	CF03CA	01	1	TQ2	E4	31B		
01474		XA224	49		XA223	47			168	9			CD03C0	03	CG33CA	01	2	TQ2	D4	28B		
01475		XA223	47		XA222	39			168	9			CD03C0	04	CG63CA	01	1	TQ2	D4	29B		
01476		XA222	39		XA223	37			168	9			CD03C0	05	CD03C0	00	1	TQ2	C4	19B		
01477		XA223	37		XA224	34			168	9			CD03C0	06	CG53CA	01	2	TQ2	C4	18B		
01478		XA224	34		XA223	23			168	9			CD03C0	07	CG23CA	01	2	TQ2	C2	16A		
01479		XA223	23		XA224	13			168	9			CD03C0	08	CG43CA	01	1	TQ2	B4	11B		
01480		XA224	13		XA105	19			168	9			CD03C0	09	CG13CA	01	2	TQ2	A4	06B		
01481		XA105	19						168	9			CD03C0	10	ET03CA	01	2	TQ2	B3	09B		
01482		XA222	54		XA220	22			168	9			CD04CA	01	CD04C0	01	2	TQ2	D1	25A		
01483		XA220	22						168	9			CD04CA	02	CD04CA	00	1	TQ2	B1	12A		
01486		XA223	79		XA220	42			168	9			CD04C0	01	CF04CA	01	1	TQ2	F1	39B		STATE 04
01487		XA220	42		XA222	52			168	9			CD04C0	02	CG64CA	01	1	TQ2	C1	20A		
01488		XA222	52		XA224	31			168	9			CD04C0	03	CD04C0	00	1	TQ2	D1	24A		
01489		XA224	31		XA224	26			168	9			CD04C0	04	CG24CA	01	2	TQ2	C3	15B		
01490		XA224	26		XA223	10			168	9			CD04C0	05	CG14CA	01	1	TQ2	B1	14A		
01491		XA223	10		XA105	25			168	9			CD04C0	06	CG34CA	01	1	TQ2	A1	07A	STATE 05	
01492		XA105	25						168	9			CD04C0	07	ET04CA	01	2	TQ2	B4	12B		
01493		XA222	48		XA220	14			168	9			CD05CA	01	CD05C0	01	2	TQ2	D2	22A	STATE 06	
01494		XA220	14						168	9			CD05CA	02	CD05CA	00	1	TQ2	B2	09A		
01495		XA223	71		XA220	36			168	9			CD05C0	01	CF05CA	01	2	TQ2	F2	36A	STATE 05	
01496		XA220	36		XA222	46			168	9			CD05C0	02	CG65CA	01	1	TQ2	C2	17A		
01497		XA222	46		XA224	35			168	9			CD05C0	03	CD05C0	00	1	TQ2	D2	21A		
01498		XA224	35		XA224	18			168	9			CD05C0	04	CG25CA	01	1	TQ2	C4	17B		
01499		XA224	18		XA223	04			168	9			CD05C0	05	CG15CA	01	2	TQ2	B2	10A		
01500		XA223	04		XA107	25			168	9			CD05C0	06	CG35CA	01	1	TQ2	A2	04A		
01501		XA107	25						168	9			CD05C0	07	ET05CA	01	2	TQ2	B4	12B		
01502		XA222	41		XA220	21			168	9			CD06CA	01	CD06C0	01	1	TQ2	D3	22B	STATE 06	
01503		XA220	21						168	9			CD06CA	02	CD06CA	00	1	TQ2	B3	10B		
01504		XA223	65		XA222	45			168	9			CD06C0	01	CF06CA	01	1	TQ2	F3	34B	STATE 07	
01505		XA222	45		XA220	29			168	9			CD06C0	02	CD06C0	00	1	TQ2	D3	24B		
01506		XA220	29		XA223	07			168	9			CD06C0	03	CG66CA	01	1	TQ2	C3	14B		
01507		XA223	07		XA105	26			168	9			CD06C0	04	CG36CA	01	2	TQ2	A3	03A		
01508		XA105	26						168	9			CD06C0	05	ET06CA	01	1	TQ2	B1	14A		
01509		XA222	47		XA220	27			168	9			CD07CA	01	CD07C0	01	1	TQ2	D4	25B	STATE 07	
01510		XA220	27						168	9			CD07CA	02	CD07CA	00	1	TQ2	B4	13B		
01511		XA222	51		XA220	35			168	9			CD07C0	01	CD07C0	00	1	TQ2	D4	27B		
01512		XA220	35		XA223	13			168	9			CD07C0	02	CG67CA	01	1	TQ2	C4	17B		
01513		XA223	13		XA105	36			168	9			CD07C0	03	CG37CA	01	2	TQ2	A4	06B		
01514		XA105	36		XA104	47			168	9			CD07C0	04	ET07CA	01	1	TQ2	C2	17A	STATE 07	
01515		XA104	47						168	9			CD07C0	05	EYABLA	01	1	TQ2	D4	25B		

DRAWING NUMBER		149011-800		STRING		UNIT ASSEMBLY NO		149011		REV D		INDEX		CD07CO		
UNIT ASSEMBLY NAME		CARD CAGE ASSY, CPU R.H.				FILE IDENT		T3982CP2		DATE		09-33-82		PAGE 27		
RECORD NUMBER	FROM	TO	WRF	PREP	CONNECTOR	PIN	WRF	PREP	CONNECTOR	PIN	WRF	SIGNAL	EQUATION	TEST POINTS	SIGNAL DESCRIPTION	ECO NO
	PREP	CONNECTOR	PIN		PREP	CONNECTOR	PIN		PREP	CONNECTOR	PIN					
01518		XA245	65		XA240	48	168 9		CE00A0	01	C200EA	01 1 TQ2 F3		34B		
01519		XA240	48		XA240	26	168 9		CE00A0	02	C203DA	01 2 TQ2 D2		22A		
01520		XA240	26		XA240	23	168 9		CE00A0	03	C201DA	01 1 TQ2 B1		14A		
01521		XA240	23		XA240	07	168 9		CE00A0	04	C204CA	01 1 TQ2 B4		11B		
01522		XA240	07		XA236	13	168 9		CE00A0	05	C214DA	01 2 TQ2 A3		03A		
01523		XA236	13		XA236	20	168 9		CE00A0	06	C218CA	01 2 TQ2 A4		06B		
01524		XA236	20		XA236	41	168 9		CE00A0	07	C219DA	01 1 TQ2 B2		11A		
01525		XA236	41		XA227	06	168 9		CE00A0	08	C226DA	01 1 TQ2 D3		22B		
01526		XA227	06		XA104	10	168 9		CE00A0	09	CE00A0	00 1 TQ2 A1		05A	ES 00 UNLOAD GATE	
01527		XA104	10				168 9		CE00A0	10	EU00CA	01 1 TQ2 A1		07A		
01528		XA447	24		XA343	40	168 9		CE00CA	01	C403FD	01 2 TD4 B1		13A		
01529		XA343	40		XA227	08	168 9		CE00CA	02	CT06FO	01 2 TS8 C1		19A		
01530		XA227	08		XA227	04	168 9		CE00CA	03	CE00A0	01 2 TQ2 A1		06A		
01531		XA227	04		XA227	07	168 9		CE00CA	04	CE00CO	01 1 TQ2 A2		04A		
01532		XA227	07		XA221	04	168 9		CE00CA	05	CE00G0	01 2 TQ2 A3		03A		
01533		XA221	04				168 9		CE00CA	06	CE00CA	00 1 TT3 A1		04A	INSYR EXE STATE D	
01540		XA545	17		XA544	18	168 9		CE00CO	01	C506DA	01 1 TQ2 B3		08B		
01541		XA544	18		XA535	29	168 9		CE00CO	02	C507FA	01 1 TT3 B2		10A		
01542		XA535	29		XA401	52	168 9		CE00CO	03	C527DA	01 1 TQ2 C3		14B		
01543		XA401	52		XA402	26	168 9		CE00CO	04	C615DA	01 3 TT3 D1		24A		
01544		XA402	26		XA402	19	168 9		CE00CO	05	C617DA	01 1 TQ2 B1		14A		
01545		XA402	19		XA406	25	168 9		CE00CO	06	C616DA	01 2 TQ2 B3		09B		
01546		XA406	25		XA307	74	168 9		CE00CO	07	C614JA	01 2 TQ2 B4		12B		
01547		XA307	74		XA306	64	168 9		CE00CO	08	C614DA	01 4 TD4 F2		35B		
01548		XA306	64		XA316	54	168 9		CE00CO	09	C359DA	01 1 TQ2 E2		30A		
01549		XA316	54		XA311	04	168 9		CE00CO	10	C307CA	01 2 TQ2 D1		25A		
01550		XA311	04		XA227	01	168 9		CE00CO	11	C346DA	01 1 TQ2 A2		04A		
01551		XA227	01				168 9		CE00CO	12	CE00CO	00 1 TQ2 A2		02B	ES00	
01554		XA445	26		XA446	75	168 9		CE00G0	01	C407DA	01 1 TQ2 B1		14A		
01555		XA446	75		XA440	74	168 9		CE00G0	02	C404DA	01 3 TT3 F1		37B		
01556		XA440	74		XA435	59	168 9		CE00G0	03	C452DA	01 2 TQ2 F3		35B		
01557		XA435	59		XA435	26	168 9		CE00G0	04	C459CA	01 1 TQ2 E4		31B		
01558		XA435	26		XA435	20	168 9		CE00G0	05	C460CA	01 1 TQ2 B1		14A		
01559		XA435	20		XA436	19	168 9		CE00G0	06	C461CA	01 1 TQ2 B2		11A		
01560		XA436	19		XA227	09	168 9		CE00G0	07	C457DA	01 7 TS8 B1		09B		
01561		XA227	09				168 9		CE00G0	08	CE00G0	00 1 TQ2 A3		04B	ES 00 UNLOAD GATE	
01562		XA245	76		XA240	59	168 9		CE01A0	01	C200FA	01 1 TQ2 F4		37A		
01563		XA240	59		XA240	43	168 9		CE01A0	02	C202CA	01 1 TQ2 E4		31B		
01564		XA240	43		XA236	29	168 9		CE01A0	03	C203EA	01 2 TQ2 D3		23B		
01565		XA236	29		XA235	24	168 9		CE01A0	04	C223CA	01 1 TQ2 C3		14B		
01566		XA235	24		XA239	04	168 9		CE01A0	05	C220DA	01 2 TS8 B1		13A		
01567		XA239	04		XA244	11	168 9		CE01A0	06	C221AA	01 1 TD4 A2		04A		
01568		XA244	11		XA244	10	168 9		CE01A0	07	C216CA	01 2 TT3 A3		05B		
01569		XA244	10		XA244	14	168 9		CE01A0	08	C214EA	01 1 TT3 A1		07A		
									****	SIGNAL	CE01A0		IS ON THE NEXT PAGE	****		

DRAWING NUMBER 149011-800				STRING				UNIT ASSEMBLY NO 149011				REV D				INDEX CE01A0			
UNIT ASSEMBLY NAME CARD CAGE ASSY,CPU R.H.								DATE 09-03-82				PAGE 28							
RECORD NO.	FROM	TO		WIRE	SIGNAL	EQUATION	2	3	4	5	6	7	8	9	10	11	12		
NO.	REF #	CONNECTOR	PIN	REF #	CONNECTOR	PIN	WIRE	WIRE	WIRE	WIRE	WIRE	WIRE	WIRE	WIRE	WIRE	WIRE	WIRE		
01570		XA244	14		XA244	21	168	9		CE01A0	09	C217CA	01	2	TT3	B2	09A		
01571		XA244	21		XA227	22	168	9		CE01A0	10	C221CA	01	1	TT3	B3	10B		
01572		XA227	22				168	9		CE01A0	11	CE01A0	00	1	TQ2	B1	12A		
ES 01 UNLOAD GATE																			
01573		XA227	34		XA227	29	168	9		CE01CA	01	CE01M0	01	2	TQ2	C2	16A		
01574		XA227	29		XA227	26	168	9		CE01CA	02	CE01P0	01	1	TQ2	C3	14B		
01575		XA227	28		XA227	25	168	9		CE01CA	03	CE01A0	01	1	TQ2	B1	14A		
01576		XA227	25		XA227	18	168	9		CE01CA	04	CE01G0	01	2	TQ2	B4	12B		
01577		XA227	18		XA227	19	168	9		CE01CA	05	CE01C0	01	2	TQ2	B2	10A		
01578		XA227	19		XA221	07	168	9		CE01CA	06	CE01D0	01	2	TQ2	B3	09B		
01579		XA221	07				168	9		CE01CA	07	CE01CA	00	1	TT3	A2	03A		
01582		XA546	30		XA337	79	168	9		CE01C0	01	C510DA	01	3	TD4	C2	15A		
01583		XA337	79		XA316	76	168	9		CE01C0	02	C7E1CA	01	1	TD4	F1	39B		
01584		XA316	76		XA315	70	168	9		CE01C0	03	C310DA	01	1	TQ2	F4	37A		
01585		XA315	70		XA311	50	168	9		CE01C0	04	C336DA	01	1	TT3	E1	33A		
01586		XA311	50		XA314	41	168	9		CE01C0	05	C343DA	01	1	TQ2	D2	23A		
01587		XA314	41		XA315	24	168	9		CE01C0	06	C340CA	01	1	TQ2	D3	22B		
01588		XA315	24		XA310	06	168	9		CE01C0	07	C308DA	01	2	TT3	B1	13A		
01589		XA310	06		XA206	25	168	9		CE01C0	08	C306DA	01	3	TT3	A1	05A		
01590		XA206	25		XA227	14	168	9		CE01C0	09	CSL1DA	01	2	TQ2	B4	12B		
01591		XA227	14				168	9		CE01C0	10	CE01C0	00	1	TQ2	B2	09A		
ES01																			
01594		XA236	71		XA236	49	168	9		CE01D0	01	C229JA	01	2	TQ2	F2	36A		
01595		XA236	49		XA236	36	168	9		CE01D0	02	C226EA	01	2	TQ2	D4	26B		
01596		XA236	36		XA227	21	168	9		CE01D0	03	C222CA	01	1	TQ2	C2	17A		
01597		XA227	21		XA110	24	168	9		CE01D0	04	CE01D0	00	1	TQ2	B3	10B		
01598		XA110	24		XA104	04	168	9		CE01D0	05	EDC3CA	01	2	TS8	B1	13A		
01599		XA104	04		XA103	04	168	9		CE01D0	06	EU01CA	01	1	TQ2	A2	04A		
01600		XA103	04		XA205	65	168	9		CE01D0	07	EDC2CA	01	4	TS8	A1	04A		
01601		XA205	65				168	9		CE01D0	08	CSL1MA	01	3	TT3	F2	34B		
01602		XA447	56		XA440	53	168	9		CE01G0	01	C424DA	01	1	TD4	D1	26A		
01603		XA440	53		XA441	54	168	9		CE01G0	02	C457EA	01	1	TQ2	E3	28B		
01604		XA441	54		XA441	41	168	9		CE01G0	03	C462EA	01	2	TQ2	D1	25A		
01605		XA441	41		XA437	34	168	9		CE01G0	04	C463EA	01	1	TQ2	D3	22B		
01606		XA437	34		XA234	73	168	9		CE01G0	05	C458EA	01	2	TD4	C2	16A		
01607		XA234	73		XA232	64	168	9		CE01G0	06	C232DA	01	1	TQ2	F2	36B		
01608		XA232	64		XA234	56	168	9		CE01G0	07	C233DA	01	1	TQ2	E2	30A		
01609		XA234	56		XA232	31	168	9		CE01G0	08	C234DA	01	1	TQ2	D1	26A		
01610		XA232	31		XA227	27	168	9		CE01G0	09	C237DA	01	2	TQ2	C3	15B		
01611		XA227	27				168	9		CE01G0	10	CE01G0	00	1	TQ2	B4	13B		
ES 01 UNLOAD GATE																			
01613		XA537	56		XA544	53	168	9		CE01M0	01	C518DA	01	1	TQ2	D1	26A		
01614		XA544	53		XA546	43	168	9		CE01M0	02	C512SA	01	3	TT3	E2	28B		
01615		XA546	43		XA544	48	168	9		CE01M0	03	C512FA	01	4	TD4	D2	23B		
01616		XA544	48		XA544	42	168	9		CE01M0	04	C512KA	01	1	TT3	D2	22A		
01617		XA544	42		XA544	33	168	9		CE01M0	05	C510GA	01	1	TT3	C1	20A		
01618		XA544	33		XA544	34	168	9		CE01M0	06	C512DA	01	1	TT3	C3	16B		
01619		XA544	34		XA537	10	168	9		CE01M0	07	C511DA	01	1	TT3	C2	16A		
**** SIGNAL (CE01M0) IS ON THE NEXT PAGE ****																			

DRAWING NUMBER		149011-800		STRING		UNIT ASSEMBLY NO		149011		REV D		INDEX		CE01M0									
UNIT ASSEMBLY NAME		CARD CAGE ASSY,CPU R.H.				FILE IDENT		T3982CP2		DATE		09-03-82		PAGE		29							
RECORD NUMBER	PREFIX	CONNECTOR	PIN	WIRE	PREFIX	CONNECTOR	PIN	MULTI GROUP	CODE	COLOR	WIRE	SIGNAL	REC NO	EQUATION	TYPE	GROUP	TEST POINTS AND/OR	SIGNAL DESCRIPTION	ECO NO				
01620		XA537	10						168	9		CE01M0	08	C521FA	01	1	TQ2	A1	07A				
01621		XA534	05			XA534	05		168	9		CE01M0	09	C522DA	01	2	TQ2	A2	03B				
01622		XA530	01			XA530	01		168	9		CE01M0	10	C529DA	01	2	TT3	A2	02B				
01623		XA227	30			XA227	30		168	9		CE01M0	11	CE01M0	00	1	TQ2	C2	19A	ES 01 UNLOAD GATE			
01626		XA401	35			XA402	31		168	9		CE01P0	01	C612NA	01	2	TT3	C3	17B				
01627		XA402	31			XA401	23		168	9		CE01P0	02	C618DA	01	2	TQ2	C3	15B				
01628		XA401	23			XA401	09		168	9		CE01P0	03	C606FA	01	2	TT3	B3	11B				
01629		XA401	09			XA301	68		168	9		CE01P0	04	C607FA	01	1	TT3	A3	04B				
01630		XA301	68			XA307	61		168	9		CE01P0	05	C612LA	01	2	TS8	E1	32A				
01631		XA307	61			XA307	75		168	9		CE01P0	06	C607DA	01	4	TD4	F1	32B				
01632		XA307	75			XA310	18		168	9		CE01P0	07	C606DA	01	3	TD4	F1	37B				
01633		XA310	18			XA307	14		168	9		CE01P0	08	C605DA	01	1	TT3	B2	10A				
01634		XA307	14			XA302	07		168	9		CE01P0	09	C612DA	01	3	TD4	B2	09A				
01635		XA302	07			XA227	33		168	9		CE01P0	10	C601DA	01	2	TQ2	A3	03A				
01636		XA227	33						168	9		CE01P0	11	CE01P0	00	1	TQ2	C3	16B	ES 01 UNLOAD GATE			
01637		XA240	11			XA240	10		168	9		CE02A0	01	C214FA	01	1	TQ2	A4	05B				
01638		XA240	10			XA245	62		168	9		CE02A0	02	C209CA	01	1	TQ2	A1	07A				
01639		XA245	62			XA238	59		168	9		CE02A0	03	C200GA	01	2	TQ2	E2	29A				
01640		XA238	59			XA238	49		168	9		CE02A0	04	C227CA	01	1	TQ2	E4	31B				
01641		XA238	49			XA238	50		168	9		CE02A0	05	C226FA	01	2	TQ2	D4	26B				
01642		XA238	50			XA236	37		168	9		CE02A0	06	C225CA	01	1	TQ2	D2	23A				
01643		XA236	37			XA234	48		168	9		CE02A0	07	C224DA	01	2	TQ2	C4	18B				
01644		XA234	48			XA232	49		168	9		CE02A0	08	C234EA	01	2	TQ2	D2	22A				
01645		XA232	49			XA234	74		168	9		CE02A0	09	C236DA	01	2	TQ2	D4	26B				
01646		XA234	74			XA227	39		168	9		CE02A0	10	C232EA	01	2	TQ2	F3	35B				
01647		XA227	39						168	9		CE02A0	11	CE02A0	00	1	TQ2	C4	19B	ES 02 UNLOAD GATE			
01648		XA447	25			XA227	68		168	9		CE02CA	01	C403F0	01	4	TD4	B1	12B				
01649		XA227	68			XA227	64		168	9		CE02CA	02	CE02H0	01	2	TQ2	E1	32A				
01650		XA227	64			XA227	56		168	9		CE02CA	03	CE02P0	01	1	TQ2	E2	30A				
01651		XA227	56			XA227	49		168	9		CE02CA	04	CE02D0	01	1	TQ2	D1	26A				
01652		XA227	49			XA227	48		168	9		CE02CA	05	CE02H0	01	2	TQ2	D4	26B				
01653		XA227	48			XA227	43		168	9		CE02CA	06	CE02F0	01	2	TQ2	D2	22A				
01654		XA227	43			XA227	40		168	9		CE02CA	07	CE02G0	01	2	TQ2	D3	23B				
01655		XA227	40			XA227	37		168	9		CE02CA	08	CE02C0	01	2	TQ2	C1	19A				
01656		XA227	37			XA221	15		168	9		CE02CA	09	CE02A0	01	2	TQ2	C4	18B				
01657		XA221	15						168	9		CE02CA	10	CE02CA	00	1	TT3	A3	07B				
01660		XA337	48			XA341	40		168	9		CE02C0	01	CTE2CA	01	2	TD4	D2	22A				
01661		XA341	40			XA341	26		168	9		CE02C0	02	CT06HA	01	2	TQ2	C1	19A				
01662		XA341	26			XA133	73		168	9		CE02C0	03	CT02JA	01	1	TQ2	B1	14A				
01663		XA133	73			XA227	38		168	9		CE02C0	04	CRUSHA	01	1	TD4	F2	36B				
01664		XA227	38			XA316	04		168	9		CE02C0	05	CE02C0	00	1	TQ2	C1	18A	ES02			
01665		XA316	04			XA316	13		168	9		CE02C0	06	C303CA	01	1	TQ2	A2	04A				
01666		XA316	13			XA316	47		168	9		CE02C0	07	C304DA	01	2	TQ2	A4	06B				
01667		XA316	47			XA316	59		168	9		CE02C0	08	C308EA	01	1	TQ2	D4	25B				
01668		XA316	59			XA204	29		168	9		CE02C0	09	C308PA	01	1	TQ2	E4	31B				
01669		XA204	29			XA206	18		168	9		CE02C0	10	CSL3DA	01	1	TQ2	C3	14B				
												****		SIGNAL		CE02C0		IS ON THE		NEXT PAGE		****	

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DRAWING NUMBER		149011-800		STRING		UNIT ASSEMBLY NO		149011		REV D		INDEX		CE02CO	
UNIT ASSEMBLY NAME		CARD CAGE ASSY, CPU R.H.				FILE IDENT		T39B2CP2		DATE		09-03-82		PAGE 30	
RECORD NUMBER	FROM	TO	WIRE	SIGNAL	SQ NO	EQUATION	TERM	VAL	CKT OR CHIP TYPE	GROUP	LOAD OR POWER PLANE	TEST POINTS AND/OR	SIGNAL DESCRIPTION	ECO NO	
01670	XA206	18		168 9	CE02C0	11	CSF0DA	01 2	TQ2 B2			10A			
01671	XA316	79	XA314	77	168 9	CE02D0	01	C309DA	01 1	TQ2 F1		39B			
01672	XA314	77	XA311	61	168 9	CE02D0	02	C310HA	01 2	TQ2 F1		38B			
01673	XA311	61	XA310	57	168 9	CE02D0	03	C336FA	01 2	TQ2 E4		32B			
01674	XA310	57	XA315	38	168 9	CE02D0	04	C337DA	01 1	TT3 E3		30B			
01675	XA315	38	XA316	26	168 9	CE02D0	05	C345MA	01 3	TT3 C1		18A			
01676	XA314	26	XA312	04	168 9	CE02D0	06	C345DA	01 1	TQ2 B1		14A			
01677	XA312	04	XA308	07	168 9	CE02D0	07	C345FA	01 1	TQ4 A2		04A			
01678	XA308	07	XA308	17	168 9	CE02D0	08	C349DA	01 2	TQ2 A3		03A			
01679	XA308	17	XA227	52	168 9	CE02D0	09	C352CA	01 1	TQ2 B3		08B			
01680	XA227	52			168 9	CE02D0	10	CE02C0	00 1	TQ2 D1		24A	ES 02 UNLOAD GATE		
01681	XA230	48	XA244	77	168 9	CE02F0	01	C206CA	01 3	TD4 D2		22A			
01682	XA244	77	XA244	65	168 9	CE02F0	02	C205CA	01 2	TT3 F1		38B			
01683	XA244	65	XA239	48	168 9	CE02F0	03	C209EA	01 3	TT3 F2		34B			
01684	XA239	48	XA234	17	168 9	CE02F0	04	C230DA	01 2	TD4 D2		22A			
01685	XA234	17	XA234	13	168 9	CE02F0	05	C238DA	01 1	TQ2 B3		08B			
01686	XA234	13	XA229	11	168 9	CE02F0	06	C239DA	01 2	TQ2 A4		06B			
01687	XA229	11	XA229	08	168 9	CE02F0	07	C242CA	01 1	TQ2 A4		05B			
01688	XA229	08	XA229	37	168 9	CE02F0	08	C241DA	01 2	TQ2 A1		06A			
01689	XA229	37	XA227	46	168 9	CE02F0	09	C237EA	01 2	TQ2 C4		18B			
01690	XA227	46	XA308	79	168 9	CE02F0	10	CE02F0	00 1	TQ2 D2		21A	ES 02 UNLOAD GATE		
01691	XA308	79			168 9	CE02F0	11	C232JA	01 1	TQ2 F1		39B			
01696	XA441	71	XA444	53	168 9	CE02G0	01	C451EA	01 2	TQ2 F2		36A			
01697	XA444	53	XA444	47	168 9	CE02G0	02	C424EA	01 1	TQ2 E3		28B			
01698	XA444	47	XA444	42	168 9	CE02G0	03	C405CA	01 1	TQ2 D4		25B			
01699	XA444	42	XA445	37	168 9	CE02G0	04	C414DA	01 1	TQ2 C1		20A			
01700	XA445	37	XA441	29	168 9	CE02G0	05	C404EA	01 2	TQ2 C4		18B			
01701	XA441	29	XA444	07	168 9	CE02G0	06	C450DA	01 1	TQ2 C3		14B			
01702	XA444	07	XA227	45	168 9	CE02G0	07	C406DA	01 2	TQ2 A3		03A			
01703	XA227	45	XA306	43	168 9	CE02G0	08	CE02G0	00 1	TQ2 D3		24B	ES 02 UNLOAD GATE		
01704	XA306	43			168 9	CE02G0	09	C357CA	01 2	TQ2 D3		23B			
01709	XA441	62	XA440	59	168 9	CE02H0	01	C455EA	01 2	TQ2 E2		29A			
01710	XA440	59	XA440	68	168 9	CE02H0	02	C457FA	01 1	TQ2 E4		31B			
01711	XA440	68	XA440	76	168 9	CE02H0	03	C456CA	01 2	TQ2 E1		32A			
01712	XA440	76	XA435	53	168 9	CE02H0	04	C452EA	01 1	TQ2 F4		37A			
01713	XA435	53	XA435	37	168 9	CE02H0	05	C458FA	01 1	TQ2 E3		28B			
01714	XA435	37	XA227	51	168 9	CE02H0	06	C454EA	01 2	TQ2 C4		18B			
01715	XA227	51	XA104	07	168 9	CE02H0	07	CE02H0	00 1	TQ2 D4		27B	ES 02 UNLOAD GATE		
01716	XA104	07			168 9	CE02H0	08	EU02CA	01 2	TQ2 A3		03A			
01719	XA545	62	XA545	50	168 9	CE02M0	01	C510JA	01 2	TQ2 E2		29A			
01720	XA545	50	XA541	54	168 9	CE02M0	02	C509DA	01 1	TQ2 D2		23A			
01721	XA541	54	XA540	54	168 9	CE02M0	03	C512MA	01 2	TQ2 D1		25A			
01722	XA540	54	XA537	50	168 9	CE02M0	04	C520DA	01 2	TT3 D1		25A			
01723	XA537	50	XA537	70	168 9	CE02M0	05	C518FA	01 1	TQ2 D2		23A			
01724	XA537	70	XA537	71	168 9	CE02M0	06	C515DA	01 1	TQ2 E1		33A			
**** SIGNAL (CE02M0) IS ON THE NEXT PAGE ****															

DRAWING NUMBER 149011-800
 UNIT ASSEMBLY NAME CARD CAGE ASSY, CPU R.H.

STRING

UNIT ASSEMBLY NO 149011
 FILE IDENT T39B2CP2

REV D
 DATE 09-03-82

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 CE02M0

RECORD NUMBER	FROM			TO			W REF			SIGNAL	SEC NO	EQUATION	I	R	CHK OR CHG TYPE	QWEN	LOAD OR POWER PLANE	TEST POINTS (END JP)	SIGNAL DESCRIPTION	ECO NO
	PREF. #	CONNECTOR	PIN	PREF. #	CONNECTOR	PIN	U I	U I	U I											
01725		XA537	71		XA537	26			16B 9	CE02M0	07	C5140A	01	2	TQ2	F2		36A		
01726		XA537	26		XA537	13			16B 9	CE02M0	08	C519EA	01	1	TQ2	B1		14A		
01727		XA537	13		XA543	05			16B 9	CE02M0	09	C521PA	01	2	TQ2	A4		06B		
01728		XA543	05		XA227	66			16B 9	CE02M0	10	C505DA	01	2	TQ2	A2		03B		
01729		XA227	66						16B 9	CE02M0	11	CE02M0	00	1	TQ2	E1		31A	ES 02 UNLOAD GATE	
01732		XA538	43		XA535	26			16B 9	CE02P0	01	C526DA	01	4	TD4	D2		23B		
01733		XA535	26		XA540	09			16B 9	CE02P0	02	C522NA	01	1	TQ2	B1		14A		
01734		XA540	09		XA540	03			16B 9	CE02P0	03	C524DA	01	1	TT3	A3		04B		
01735		XA540	03		XA227	60			16B 9	CE02P0	04	C523DA	01	3	TT3	A2		02A		
01736		XA227	60		XA317	61			16B 9	CE02P0	05	CE02P0	00	1	TQ2	E2		28A	ES 02 UNLOAD GATE	
01737		XA317	61		XA317	73			16B 9	CE02P0	06	C701CA	01	2	TQ2	E4		32B		
01738		XA317	73		XA317	77			16B 9	CE02P0	07	C703CA	01	1	TQ2	F2		36B		
01739		XA317	77		XA407	04			16B 9	CE02P0	08	C702CA	01	2	TQ2	F1		38B		
01740		XA407	04		XA402	37			16B 9	CE02P0	09	C621DA	01	1	TD4	A2		04A		
01741		XA402	37						16B 9	CE02P0	10	C618EA	01	2	TQ2	C4		18B		
18589		XA226	13		XA227	57			16B 9	CE03A0	00	C236MA	01	2	TQ2	A4		06B		
01747		XA227	57		XA236	17			16B 9	CE03A0	001	CE03A0	00	1	TQ2	E3		30B	ES 03 UNLOAD GATE	
01746		XA236	17		XA239	79			16B 9	CE03A0	002	C219EA	01	1	TQ2	B3		08B		
01742		XA239	79		XA241	66			16B 9	CE03A0	01	C207CA	01	1	TD4	F1		39B		
01743		XA241	66		XA245	53			16B 9	CE03A0	02	C208CA	01	3	TS8	E1		31A		
01744		XA245	53		XA245	13			16B 9	CE03A0	03	C200HA	01	1	TQ2	E3		28B		
01745		XA245	13						16B 9	CE03A0	04	C214GA	01	2	TQ2	A4		06B		
01748		XA447	22		XA227	77			16B 9	CE03CA	01	C403F0	01	3	TD4	B1		12A		
01749		XA227	77		XA227	78			16B 9	CE03CA	02	CE03F0	01	2	TQ2	F1		38B		
01750		XA227	78		XA227	71			16B 9	CE03CA	03	CE03P0	01	2	TQ2	F4		38A		
01751		XA227	71		XA227	65			16B 9	CE03CA	04	CE03G0	01	2	TQ2	F2		36A		
01752		XA227	65		XA227	59			16B 9	CE03CA	05	CE03M0	01	1	TQ2	F3		34B		
01753		XA227	59		XA227	55			16B 9	CE03CA	06	CE03C0	01	1	TQ2	E4		31B		
01754		XA227	55		XA222	23			16B 9	CE03CA	07	CE03A0	01	2	TQ2	E3		29B		
01755		XA222	23		XA221	20			16B 9	CE03CA	08	CKCQEO	01	1	TQ2	B4		11B		
01756		XA221	20						16B 9	CE03CA	09	CE03CA	00	1	TT3	B1		11A		
01759		XA537	18		XA340	78			16B 9	CE03C0	01	C519GA	01	2	TQ2	B2		10A		
01760		XA340	78		XA227	63			16B 9	CE03C0	02	C7E3CA	01	2	TQ2	F4		38A		
01761		XA227	63		XA317	54			16B 9	CE03C0	03	CE03C0	00	1	TQ2	E4		33B	ES03	
01762		XA317	54		XA316	34			16B 9	CE03C0	04	C308FA	01	2	TQ2	D1		29A		
01763		XA316	34		XA316	26			16B 9	CE03C0	05	C306JA	01	2	TQ2	C2		16A		
01764		XA316	26		XA316	10			16B 9	CE03C0	06	C304FA	01	1	TQ2	B1		14A		
01765		XA316	10		XA311	31			16B 9	CE03C0	07	C302CA	01	1	TQ2	A1		07A		
01766		XA311	31		XA311	71			16B 9	CE03C0	08	C344EA	01	2	TQ2	C3		15B		
01767		XA311	71		XA510	05			16B 9	CE03C0	09	C310LA	01	2	TQ2	F2		36A		
01768		XA510	05						16B 9	CE03C0	10	CQP15A	01	1	TT3	A2		03B		
01769		XA236	78		XA238	73			16B 9	CE03F0	01	C231CA	01	2	TQ2	F4		38A		
01770		XA238	73		XA239	60			16B 9	CE03F0	02	C229GA	01	1	TQ2	F2		36B		
01771		XA239	60		XA238	37			16B 9	CE03F0	03	C229FA	01	3	TD4	E2		28A		
01772		XA238	37		XA234	31			16B 9	CE03F0	04	C224EA	01	2	TQ2	C4		18B		
									****	SIGNAL	CE03F0								IS ON THE NEXT PAGE	****

DRAWING NUMBER 149011-800
 UNIT ASSEMBLY NAME CARD CAGE ASSY,CPU R.H.

STRING

UNIT ASSEMBLY NO 149011
 PART IDENT T39B2CP2

PAY D 09-33-82
 INDEX PAGE CE03FO 32

RECORD NUMBER	FROM			TO			WIRE			SIGNAL	CIRCUIT NO	EQUATION	3	E	CAT	LOAD	TEST	SIGNAL DESCRIPTION	TCO NO	
	PREFIX	CONNECTOR	PIN	PREFIX	CONNECTOR	PIN	WIRE GROUP	CODE	COLOR											IDENT
01773		XA234	31		XA232	53			16B	9				CE03FO	05	C237FA	01 2 TQ2 C3	198		
01774		XA232	53		XA229	04			16B	9				CE03FO	06	C233EA	01 1 TQ2 E3	288		
01775		XA229	04		XA341	03			16B	9				CE03FO	07	C241EA	01 1 TQ2 A2	04A	ES03 UNLOAD	
01776		XA229	04		XA341	03			16B	9				CE03FO	08	C241EA	01 1 TQ2 A2	04A		
01777		XA341	03		XA341	18			16B	9				CE03FO	09	CT02GA	01 1 TQ2 A3	02A		
01778		XA341	18		XA341	18			16B	9				CE03FO	10	CT02LA	01 2 TQ2 B2	10A		
01781		XA445	56		XA444	59			16B	9				CE03GO	01	C404FA	01 1 TQ2 D1	26A		
01782		XA444	59		XA441	74			16B	9				CE03GO	02	C424FA	01 1 TQ2 E4	31B		
01783		XA441	74		XA441	68			16B	9				CE03GO	03	C451FA	01 2 TQ2 F3	358		
01784		XA441	68		XA441	53			16B	9				CE03GO	04	C454FA	01 2 TQ2 E1	32A		
01785		XA441	53		XA441	37			16B	9				CE03GO	05	C455FA	01 1 TQ2 E3	288		
01786		XA441	37		XA438	38			16B	9				CE03GO	06	C450EA	01 2 TQ2 C4	188		
01787		XA438	38		XA438	34			16B	9				CE03GO	07	C452FA	01 3 TT3 C1	18A		
01788		XA438	34		XA435	77			16B	9				CE03GO	08	C452GA	01 1 TT3 C2	16A		
01789		XA435	77		XA227	72			16B	9				CE03GO	09	C457GA	01 2 TQ2 F1	388		
01790		XA227	72						16B	9				CE03GO	10	CE03GO	00 1 TQ2 F2	34A	ES 03 UNLOAD GATE	
01793		XA545	61		XA543	53			16B	9				CE03MO	01	C510MA	01 2 TQ2 E4	328		
01794		XA543	53		XA541	48			16B	9				CE03MO	02	C509FA	01 1 TQ2 E3	288		
01795		XA541	48		XA543	37			16B	9				CE03MO	03	C512PA	01 2 TQ2 D2	22A		
01796		XA543	37		XA545	23			16B	9				CE03MO	04	C507DA	01 2 TQ2 C4	188		
01797		XA545	23		XA545	04			16B	9				CE03MO	05	C506FA	01 1 TQ2 F4	11B		
01798		XA545	04		XA543	11			16B	9				CE03MO	06	C503DA	01 1 TQ2 A2	04A		
01799		XA543	11		XA227	69			16B	9				CE03MO	07	C505FA	01 1 TQ2 A4	05B		
01800		XA227	69						16B	9				CE03MO	08	CE03MO	00 1 TQ2 F3	35A	ES 03 UNLOAD GATE	
01805		XA537	25		XA534	37			16B	9				CE03PO	01	C521RA	01 2 TQ2 B4	128		
01806		XA534	37		XA534	48			16B	9				CE03PO	02	C527FA	01 2 TQ2 C4	188		
01807		XA534	48		XA504	79			16B	9				CE03PO	03	C528DA	01 2 TQ2 D2	22A		
01809		XA305	64		XA314	62			16B	9				CE03PO	04	C621JA	01 1 TT3 F1	398		
01810		XA305	64		XA314	62			16B	9				CE03PO	05	C611DA	01 1 TQ2 E2	30A		
01811		XA314	62		XA317	74			16B	9				CE03PO	06	C336KA	01 2 TQ2 E2	29A		
01812		XA317	74		XA317	76			16B	9				CE03PO	07	C704CA	01 2 TQ2 F3	358		
01813		XA317	76		XA227	80			16B	9				CE03PO	08	C705CA	01 1 TQ2 F4	37A		
01814		XA227	80		XA104	13			16B	9				CE03PO	09	CE03PO	00 1 TQ2 F4	39A	ES 03 UNLOAD GATE	
01814		XA104	13						16B	9				CE03PO	10	E033CA	01 2 TQ2 A4	068		
01817		XA445	73		XA441	61			16B	9				CE04AO	01	C457HA	01 1 TQ2 F2	368		
01818		XA441	61		XA444	77			16B	9				CE04AO	02	C455GA	01 2 TQ2 E4	328		
01819		XA444	77		XA245	61			16B	9				CE04AO	03	C424GA	01 2 TQ2 F1	388		
01820		XA245	61		XA240	18			16B	9				CE04AO	04	C200JA	01 2 TQ2 E4	328		
01821		XA240	18		XA238	68			16B	9				CE04AO	05	C201EA	01 2 TQ2 B2	10A		
01822		XA238	68		XA234	47			16B	9				CE04AO	06	C226HA	01 2 TQ2 E1	32A		
01823		XA234	47		XA234	35			16B	9				CE04AO	07	C236EA	01 1 TQ2 D4	258		
01824		XA234	35		XA234	25			16B	9				CE04AO	08	C237GA	01 1 TQ2 C4	17B		
01825		XA234	25		XA232	08			16B	9				CE04AO	09	C238EA	01 2 TQ2 B4	128		
01826		XA232	08		XA226	06			16B	9				CE04AO	10	C239EA	01 2 TQ2 A1	06A		
01827		XA226	06						16B	9				CE04AO	11	CE04AO	00 1 TQ2 A1	05A	ES 04 UNLOAD GATE	

*** SIGNAL (CE04CA) IS ON THE NEXT PAGE ***

DRAWING NUMBER 149011-800
 UNIT ASSEMBLY NAME CARD CAGE ASSY,CPU R.H.

STRING

UNIT ASSEMBLY NO 149011
 PART IDENT T3982CP2

REV D
 DATE 09-03-82

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RECORD NUMBER	FROM			TO			WIRE			SIGNAL	SEC NO	FUNCTION	3	2	1	4	5	6	7	8	9	SIGNAL DESCRIPTION	CIR NO
	PREFIX	CONNECTOR	PIN	PREFIX	CONNECTOR	PIN	MULTI GROUP	CODE	COLOR														
01828		XA226	07		XA226	04			168	9		CE04CA	01	CE04M0	01	2	TQ2	A3				03A	
01829		XA226	04		XA226	08			168	9		CE04CA	02	CE04C0	01	1	TQ2	A2				04A	
01830		XA226	08		XA222	25			168	9		CE04CA	03	CE04A0	01	2	TQ2	A1				06A	
01831		XA222	25		XA221	19			168	9		CE04CA	04	CKCQEO	01	2	TQ2	B4				12B	
01832		XA221	19						168	9		CE04CA	05	CE04CA	00	1	TT3	B2				09B	
01837		XA402	65		XA302	79			168	9		CE04C0	01	C6250A	01	1	TQ2	F3				34B	
01839		XA302	79		XA305	24			168	9		CE04C0	02	C6120A	01	1	TQ2	F1				39B	
07992		XA305	24		XA311	35			168	9		CE04C0	03	CSFOCA	01	2	TQ2	B1				13A	
01840		XA311	35		XA226	01			168	9		CE04C0	04	C344GA	01	1	TQ2	C4				17B	
01841		XA226	01		XA341	36			168	9		CE04C0	05	CE04C0	00	1	TQ2	A2				02B ES04	
01842		XA341	36		XA341	76			168	9		CE04C0	06	CT06LA	01	1	TQ2	C2				17A	
01843		XA341	76						168	9		CE04C0	07	CTE4CA	01	1	TQ2	F4				37A	
01848		XA545	77		XA541	73			168	9		CE04M0	01	C510PA	01	2	TQ2	F1				38B	
01849		XA541	73		XA540	18			168	9		CE04M0	02	C512TA	01	1	TQ2	F2				36B	
01850		XA540	18		XA538	38			168	9		CE04M0	03	C521SA	01	1	TT3	B2				10A	
01851		XA538	38		XA538	20			168	9		CE04M0	04	C525EA	01	3	TD4	C1				18A	
01852		XA538	20		XA534	42			168	9		CE04M0	05	C502DA	01	1	TD4	B2				11A	
01853		XA534	42		XA534	17			168	9		CE04M0	06	C523FA	01	1	TQ2	C1				20A	
01854		XA534	17		XA226	09			168	9		CE04M0	07	C522RA	01	1	TQ2	B3				08B	
01855		XA226	09		XA104	26			168	9		CE04M0	08	CE04M0	00	1	TQ2	A3				04B ES 04 UNLGD GATE	
01856		XA104	26						168	9		CE04M0	09	EU04CA	01	1	TQ2	B1				14A	
01857		XA230	52		XA238	10			168	9		CE05A0	01	C238FA	01	2	TD4	D1				24A	
01858		XA238	10		XA240	71			168	9		CE05A0	02	C214HA	01	1	TQ2	A1				07A	
01859		XA240	71		XA238	79			168	9		CE05A0	03	C200KA	01	2	TQ2	F2				36A	
01860		XA238	79		XA232	61			168	9		CE05A0	04	C228EA	01	1	TQ2	F1				39B	
01861		XA232	61		XA232	42			168	9		CE05A0	05	C233FA	01	2	TQ2	E4				32B	
01862		XA232	42		XA226	22			168	9		CE05A0	06	C236FA	01	1	TQ2	C1				20A	
01863		XA226	22						168	9		CE05A0	07	CE05A0	00	1	TQ2	B1				12A ES 05 UNLOAD GATE	
01864		XA226	24		XA226	25			168	9		CE05CA	01	CE05A0	01	2	TQ2	B1				13A	
01865		XA226	25		XA226	18			168	9		CE05CA	02	CE05M0	01	2	TQ2	B4				12B	
01866		XA226	18		XA226	19			168	9		CE05CA	03	CE05C0	01	2	TQ2	B2				10A	
01867		XA226	19		XA221	27			168	9		CE05CA	04	CE05G0	01	2	TQ2	B3				09B	
01868		XA221	27						168	9		CE05CA	05	CE05CA	00	1	TT3	B3				13B	
01869		XA340	71		XA341	31			168	9		CE05C0	01	CTE5CA	01	2	TQ2	F2				36A	
01870		XA341	31		XA244	70			168	9		CE05C0	02	CT06MA	01	2	TQ2	C3				15B	
018603		XA244	70		XA226	14			168	9		CE05C0	03	CT02HA	01	1	TT3	E1				33A	
01872		XA226	14		XA207	25			168	9		CE05C0	04	CE05C0	00	1	TQ2	B2				09A ES05	
01873		XA207	25		XA308	11			168	9		CE05C0	05	CSL1EA	01	4	TD4	B1				12B	
01874		XA308	11		XA310	65			168	9		CE05C0	06	C349FA	01	1	TQ2	A4				05B	
01875		XA310	65		XA311	65			168	9		CE05C0	07	C358EA	01	3	TT3	F2				34B	
01876		XA311	65		XA316	35			168	9		CE05C0	08	C310NA	01	1	TQ2	F3				34B	
01877		XA316	35		XA317	48			168	9		CE05C0	09	C306MA	01	1	TQ2	C4				17B	
01878		XA317	48		XA410	37			168	9		CE05C0	10	C308GA	01	2	TQ2	D2				22A	
018676		XA410	37						168	9		CE05C0	11	C524FA	01	2	TQ2	C4				18B	
**** SIGNAL (CE05G0) IS ON THE NEXT PAGE ****																							

DRAWING NUMBER		149011-800		STRING		UNIT ASSEMBLY NO		149011		REV D		INDEX		CE05G0	
UNIT ASSEMBLY NAME		CARD CAGE ASSY,CPU R.H.				FILE IDENT		T3982CP2		DATE		09-03-82		PAGE 34	
RECORD NUMBER	PRFCM	TO	WIRE	WIRE	WIRE	WIRE	WIRE	WIRE	WIRE	WIRE	WIRE	WIRE	WIRE	WIRE	WIRE
PREFIX	CONNECTOR	PIN	CODE	COLOR	DEN	SIGNAL	SQ NO	EQUATION	TEST	TEST	TEST	TEST	TEST	TEST	TEST
01881	XA441	76	168	9		CE05G0	01	C451GA	01	1	TQ2	F4	37A		
01882	XA444	71	168	9		CE05G0	02	C424HA	01	2	TQ2	F2	36A		
01883	XA446	41	168	9		CE05G0	03	C406EA	01	3	TT3	D2	22B		
01884	XA446	37	168	9		CE05G0	04	C404GA	01	3	TT3	C3	18B		
01885	XA441	25	168	9		CE05G0	05	C434DA	01	2	TQ2	B4	12B		
01886	XA438	14	168	9		CE05G0	06	C450SA	01	2	TT3	B2	09A		
01887	XA438	08	168	9		CE05G0	07	C450FA	01	2	TT3	A1	08A		
01888	XA226	21	168	9		CE05G0	08	CE05G0	00	1	TQ2	B3	10B		ES 05 UNLOAD GATE
01895	XA545	71	168	9		CE05M0	01	C510RA	01	2	TQ2	F2	36A		
01896	XA544	26	168	9		CE05M0	02	C506GA	01	1	TT3	B1	14A		
01897	XA543	20	168	9		CE05M0	03	C505JA	01	1	TQ2	B2	11A		
01898	XA537	41	168	9		CE05M0	04	C518HA	01	1	TQ2	D3	22B		
01899	XA302	50	168	9		CE05M0	05	C608DA	01	1	TQ2	D2	23A		
01900	XA226	27	168	9		CE05M0	06	CE05M0	00	1	TQ2	B4	13B		ES 05 UNLOAD GATE
01901	XA104	20	168	9		CE05M0	07	E005CA	01	1	TQ2	B2	11A		
01902	XA445	50	168	9		CE06A0	01	C404HA	01	1	TQ2	D2	23A		
01903	XA440	50	168	9		CE06A0	02	C492HA	01	1	TQ2	D2	23A		
01904	XA441	40	168	9		CE06A0	03	C434EA	01	2	TQ2	C1	19A		
01905	XA440	29	168	9		CE06A0	04	C450GA	01	1	TQ2	C3	14B		
01906	XA238	64	168	9		CE06A0	05	C226JA	01	1	TQ2	E2	30A		
01907	XA232	78	168	9		CE06A0	06	C233GA	01	2	TQ2	F4	38A		
01908	XA226	38	168	9		CE06A0	07	CE06A0	00	1	TQ2	C1	18A		ES 06 UNLOAD GATE
01909	XA232	05	168	9		CE06A0	08	C239FA	01	2	TQ2	A2	03B		
01910	XA234	08	168	9		CE06A0	09	C238GA	01	2	TQ2	A1	06A		
01911	XA238	04	168	9		CE06A0	10	C214JA	01	1	TQ2	A2	04A		
01912	XA447	26	168	9		CE06CA	01	C403FO	01	1	TD4	B1	14A		
01913	XA226	40	168	9		CE06CA	02	CE06A0	01	2	TQ2	C1	19A		
01914	XA226	36	168	9		CE06CA	03	CE06C0	01	1	TQ2	C2	17A		
01915	XA226	31	168	9		CE06CA	04	CE06D0	01	2	TQ2	C3	15B		
01916	XA221	36	168	9		CE06CA	05	CE06CA	00	1	TT3	C1	17A		
01923	XA534	56	168	9		CE06C0	01	C527HA	01	1	TQ2	D1	26A		
01924	XA535	20	168	9		CE06C0	02	C522SA	01	1	TQ2	B2	11A		803
01925	XA540	40	168	9		CE06C0	03	C506HA	01	2	TT3	C1	19A		803
01926	XA340	59	168	9		CE06C0	04	CTE6CA	01	1	TQ2	E4	31B		
01927	XA341	37	168	9		CE06C0	05	CT06PA	01	2	TQ2	C4	18B		
01928	XA226	30	168	9		CE06C0	06	CE06C0	00	1	TQ2	C2	15A		ES06
01929	XA317	43	168	9		CE06C0	07	C338HA	01	2	TQ2	D3	23B		
01930	XA316	71	168	9		CE06C0	08	C309EA	01	2	TQ2	F2	36A		
01931	XA310	77	168	9		CE06C0	09	C358DA	01	2	TT3	F1	38B		
01932	XA305	55	168	9		CE06C0	10	C611EA	01	2	TQ2	E3	29B		
01935	XA226	33	168	9		CE06D0	01	CE06D0	00	1	TQ2	C3	16B		ES 06 UNLOAD GATE
01936	XA104	19	168	9		CE06D0	02	E006CA	01	2	TQ2	B3	09B		
01937	XA226	54	168	9		CE07CA	01	CE07D0	01	2	TQ2	D1	25A		
01938	XA226	37	168	9		CE07CA	02	CE07C0	01	2	TQ2	C4	18B		
**** SIGNAL (CE07CA) IS ON THE NEXT PAGE ****															

DRAWING NUMBER		149011-800		STRING		UNIT ASSEMBLY NO		149011		REV D		INDEX		CE07CA								
UNIT ASSEMBLY NAME		CARD CAGE ASSY, CPU R.H.				FILE IDENT		T39B2CP2		DATE		09-03-82		PAGE 35								
RECORD NUMBER	PREFIX	CONNECTOR	PIN	PREFIX	CONNECTOR	PIN	MULTIPLIER	CODE	CO. IN	DENT	SIGNAL	SEQ NO	EQUATION	LINE	FACTOR	CHT OR CHP TYPE	GROUP	LOAD OR POWER PLANE	TEST POINTS AND JN	SIGNAL DESCRIPTION	ECO NO	
01939		XA221	31					168	9		CE07CA	03	CE07CA	00	1	TT3	C2		19B			
01942		XA545	65	XA544	11			168	9		CE07C0	01	C510TA	01	1	TQ2	F3		34B			
01943		XA544	11	XA444	65			168	9		CE07C0	02	C505MA	01	2	TT3	A3		09B			
01944		XA444	65	XA438	75			168	9		CE07C0	03	C424JA	01	1	TQ2	F3		34B			
01945		XA438	75	XA340	53			168	9		CE07C0	04	C451HA	01	3	TT3	F1		37B			
01946		XA340	53	XA240	49			168	9		CE07C0	05	CTE7CA	01	1	TQ2	E3		28B			
01947		XA240	49	XA229	34			168	9		CE07C0	06	C203FA	01	2	TQ2	D4		26B			
01948		XA229	34	XA226	39			168	9		CE07C0	07	C236GA	01	2	TQ2	C2		16A			
01945		XA226	39	XA315	72			168	9		CE07C0	08	CE07C0	00	1	TQ2	C4		19B	ES07		
01950		XA315	72	XA302	74			168	9		CE07C0	09	C310SA	01	2	TT3	F2		34A			
01951		XA302	74	XA402	77			168	9		CE07C0	10	C612SA	01	2	TQ2	F3		39B			
01952		XA402	77					168	9		CE07C0	11	C623DA	01	2	TQ2	F1		38B			
01955		XA240	65	XA226	52			168	9		CE07D0	01	C200LA	01	1	TQ2	F3		34B			
01956		XA226	52	XA104	25			168	9		CE07D0	02	CE07D0	00	1	TQ2	D1		24A	ES 07 UNLOAD GATE		
01957		XA104	25					168	9		CE07D0	03	EU07CA	01	2	TQ2	B4		12B			
01958		XA226	48	XA226	43			168	9		CE10CA	01	CE10C0	01	2	TQ2	D2		22A			
01959		XA226	43	XA221	39			168	9		CE10CA	02	CE10D0	01	2	TQ2	D3		23B			
01960		XA221	39					168	9		CE10CA	03	CE10CA	00	1	TT3	C3		19B			
01925		XA545	40	XA441	36			168	9		CE10C0	01	C520FA	01	2	TQ2	C1		19A		803	
01964		XA441	36	XA438	33			168	9		CE10C0	02	C434GA	01	1	TQ2	C2		17A			
01965		XA438	33	XA438	03			168	9		CE10C0	03	C452JA	01	1	TT3	C3		16B			
01966		XA438	03	XA340	64			168	9		CE10C0	04	C450HA	01	3	TT3	A2		02A			
01967		XA340	64	XA236	54			168	9		CE10C0	05	CTE8CA	01	1	TQ2	E2		30A			
01968		XA236	54	XA234	04			168	9		CE10C0	06	C224FA	01	2	TQ2	D1		25A			
01969		XA234	04	XA226	46			168	9		CE10C0	07	C238HA	01	1	TQ2	A2		04A			
01970		XA226	46	XA302	70			168	9		CE10C0	08	CE10C0	00	1	TQ2	D2		21A	ES10		
01971		XA302	70	XA406	04			168	9		CE10C0	09	C609DA	01	1	TQ2	E1		33A			
01973		XA406	04					168	9		CE10C0	11	C610GA	01	1	TQ2	A2		04A			
01976		XA226	45	XA105	42			168	9		CE10D0	01	CE10D0	00	1	TQ2	D3		24B	ES 10 UNLOAD GATE		
01977		XA105	42					168	9		CE10D0	02	EU10CA	01	1	TQ2	C1		20A			
01978		XA226	47	XA221	50			168	9		CE11CA	01	CE11C0	01	1	TQ2	D4		25B			
01979		XA221	50					168	9		CE11CA	02	CE11CA	00	1	TT3	D1		23A			
01996		XA543	17	XA445	41			168	9		CE11C0	01	C525FA	01	1	TQ2	B3		08B		803	
01983		XA445	41	XA444	13			168	9		CE11C0	02	C404KA	01	1	TQ2	D3		22B			
01984		XA444	13	XA340	70			168	9		CE11C0	03	C406FA	01	2	TQ2	A4		06B			
01985		XA340	70	XA341	56			168	9		CE11C0	04	CTE9CA	01	1	TQ2	E1		33A			
01986		XA341	56	XA236	68			168	9		CE11C0	05	CT06RA	01	1	TQ2	D1		26A			
01987		XA236	68	XA234	20			168	9		CE11C0	06	C226KA	01	2	TQ2	E1		32A			
01988		XA234	20	XA226	51			168	9		CE11C0	07	C237HA	01	1	TQ2	B2		11A			
01989		XA226	51	XA315	69			168	9		CE11C0	08	CE11C0	00	1	TQ2	D4		27B	ES11		
01990		XA315	69	XA104	36			168	9		CE11C0	09	C310TA	01	1	TT3	F3		35A			
01991		XA104	36					168	9		CE11C0	10	EU11CA	01	1	TQ2	C2		17A			
											****	SIGNAL	CE12CA			IS ON THE	NEXT PAGE	****				

DRAWING NUMBER 149011-800
UNIT ASSEMBLY NAME CARD CAGE ASSY, CPU R.H.

STRING

UNIT ASSEMBLY NO 149011
FILE IDENT T3982CP2

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RECORD NUMBER	FROM			TO			WIRE			MULTIPLIER	CODE	COLOR	IDENT	SIGNAL	SIG NO	LOCATION	SLOT	JACK	CAT. NO. / TYPE	WIRING	LOAD OR POWER PLANE	TEST POINTS	SIGNAL DESCRIPTION	TCO NO					
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01992		XA226	62		XA221	43		168	9				CE12CA	01	CE12C0	01	2	TQ2	E2		29A								
01993		XA221	43					168	9				CE12CA	02	CE12CA	00	1	TT3	D2		23B								
01982		XA538	30		XA245	37		168	9				CE12C0	01	C505NA	01	3	T04	C2		15A			803					
01997		XA245	37		XA226	60		168	9				CE12C0	02	C200ZA	01	2	TQ2	C4		18B								
01998		XA226	60		XA207	42		168	9				CE12C0	03	CE12C0	00	1	TQ2	E2		20A	ES12							
01999		XA207	42		XA205	38		168	9				CE12C0	04	CSL2FA	01	1	T04	C1		20A								
02000		XA205	38		XA205	34		168	9				CE12C0	05	CSL1JA	01	3	TT3	C1		18A								
02001		XA205	34		XA205	14		168	9				CE12C0	06	CSL2DA	01	1	TT3	C2		16A								
02002		XA205	14		XA207	19		168	9				CE12C0	07	CSL1FA	01	2	TT3	B2		09A								
02003		XA207	19		XA104	31		168	9				CE12C0	08	CSL1GA	01	4	T04	B2		09B								
02004		XA104	31					168	9				CE12C0	09	EUI2CA	01	2	TQ2	C3		15B								
02005		XA226	53		XA221	51		168	9				CE13CA	01	CE13C0	01	1	TQ2	E3		20E								
02006		XA221	51					168	9				CE13CA	02	CE13CA	00	1	TT3	D3		27B								
02011		XA537	47		XA302	49		168	9				CE13C0	01	C518JA	01	1	TQ2	D4		25B								
02012		XA302	49		XA308	26		168	9				CE13C0	02	C608FA	01	2	TQ2	D4		26B								
02013		XA308	26		XA226	57		168	9				CE13C0	03	C350CA	01	1	TQ2	B1		16A								
02014		XA226	57		XA104	37		168	9				CE13C0	04	CE13C0	00	1	TQ2	E3		30B	ES13							
02015		XA104	37					168	9				CE13C0	05	EUI3CA	01	2	TQ2	C4		18B								
02016		XA226	59		XA221	64		168	9				CE14CA	01	CE14C0	01	1	TQ2	E4		31B								
02017		XA221	64					168	9				CE14CA	02	CE14CA	00	1	TT3	E1		30A								
02022		XA543	42		XA535	54		168	9				CE14C0	01	C506JA	01	1	TQ2	C1		20A								
02023		XA535	54		XA226	63		168	9				CE14C0	02	C527JA	01	2	TQ2	D1		25A								
02024		XA226	63		XA238	19		168	9				CE14C0	03	CE14C0	00	1	TQ2	E4		33B	ES14							
02025		XA238	19		XA107	29		168	9				CE14C0	04	C219GA	01	2	TQ2	B3		09B								
02026		XA107	29					168	9				CE14C0	05	EUI4CA	01	1	TQ2	C3		14B								
02027		XA226	77		XA221	55		168	9				CE15CA	01	CE15C0	01	2	TQ2	F1		38B								
02028		XA221	55					168	9				CE15CA	02	CE15CA	00	1	TT3	E2		29E								
02035		XA540	78		XA544	57		168	9				CE15C0	01	C513DA	01	3	TT3	F3		38A								
02036		XA544	57		XA240	55		168	9				CE15C0	02	C512UA	01	1	TT3	E3		30B								
02037		XA240	55		XA226	75		168	9				CE15C0	03	C200XA	01	2	TQ2	E3		29B								
02038		XA226	75		XA302	76		168	9				CE15C0	04	CE15C0	00	1	TQ2	F1		37B	ES15							
02039		XA302	76		XA107	37		168	9				CE15C0	05	C612YA	01	1	TQ2	F4		37A								
02040		XA107	37					168	9				CE15C0	06	EUI5CA	01	2	TQ2	C4		18B								
02041		XA226	71		XA221	63		168	9				CE16CA	01	CE16C0	01	2	TQ2	F2		36A								
02042		XA221	63					168	9				CE16CA	02	CE16CA	00	1	TT3	E3		33B								
02047		XA538	52		XA540	21		168	9				CE16C0	01	C525GA	01	3	T04	D1		24A								
02048		XA540	21		XA234	36		168	9				CE16C0	02	C521TA	01	1	TT3	B3		10B								
02049		XA234	36		XA226	72		168	9				CE16C0	03	C236KA	01	1	TQ2	C2		17A								
02050		XA226	72		XA107	56		168	9				CE16C0	04	CE16C0	00	1	TQ2	F2		34A	ES16							
02051		XA107	56					168	9				CE16C0	05	EUI6CA	01	1	TQ2	D1		26A								
													****	SIGNAL	CE17CA	1	IS ON THE NEXT PAGE ****												

DRAWING NUMBER		149011-800		STRING		UNIT ASSEMBLY NO		149011		REV D		DATE		PAGE		CE17CA				
UNIT ASSEMBLY NAME		CARD CAGE ASSY,CPU R.H.				FILE IDENT		T3982CP2		09-03-82		37								
RECORD NUMBER	FROM				TO				WIRE		MULTI GROUP	CODE	COLOR	LEN	SIGNAL	REC NO	EQUATION	PLANE	SIGNAL DESCRIPTION	ECO NO
	PREFIX	CONNECTOR	PIN	WIRE	PREFIX	CONNECTOR	PIN	WIRE												
02052		XA226	74			XA221	73					168	9		CE17CA	01	CE17C0	01 2 TQ2 F3	35B	
02053		XA221	73									168	9		CE17CA	02	CE17CA	00 1 TT3 F1	36B	
02054		XA543	23			XA337	74					168	9		CE17C0	01	C505PA	01 1 TQ2 B4	11B	
02055		XA337	74			XA226	69					168	9		CE17C0	02	CTESCA	01 4 TD4 F2	35B	
02056		XA226	69			XA205	33					168	9		CE17C0	03	CE17C0	00 1 TQ2 F3	35A	ES17
02057		XA205	33			XA205	21					168	9		CE17C0	04	CSL2GA	01 1 TT3 C3	16B	
02058		XA205	21			XA107	48					168	9		CE17C0	05	CSL1HA	01 1 TT3 B3	10B	
02059		XA107	48									168	9		CE17C0	06	EUI7CA	01 2 TQ2 D2	22A	
02060		XA236	08			XA224	68					168	9		CF00CA	01	C214L0	01 2 TQ2 A1	06A	
02061		XA224	68			XA223	66					168	9		CF00CA	02	CF00C0	01 2 TQ2 E1	32A	
02062		XA223	66			XA222	40					168	9		CF00CA	03	CF00CA	00 1 TQ2 E1	31A	
18578		XA222	40									168	9		CF00CA	04	C335C0	01 2 TQ2 C1	19A	
02065		XA537	40			XA315	47					168	9		CF00C0	01	C518KA	01 2 TQ2 C1	19A	
02067		XA315	47			XA314	04					168	9		CF00C0	03	C344DA	01 2 TT3 D3	25B	
02068		XA314	04			XA311	08					168	9		CF00C0	04	C347DA	01 1 TQ2 A2	04A	
02069		XA311	08			XA224	66					168	9		CF00C0	05	C346CA	01 2 TQ2 A1	06A	
02070		XA224	66									168	9		CF00C0	06	CF00C0	00 1 TQ2 E1	31A	FS00
02071		XA230	61			XA224	62					168	9		CF01CA	01	C232C0	01 4 TD4 E1	32B	
02072		XA224	62			XA223	60					168	9		CF01CA	02	CF01C0	01 2 TQ2 E2	29A	
02073		XA223	60			XA401	06					168	9		CF01CA	03	CF01CA	00 1 TQ2 E2	28A	
02074		XA401	06									168	9		CF01CA	04	C614C0	01 3 TT3 A1	05A	
02079		XA534	76			XA535	17					168	9		CF01C0	01	C507KA	01 1 TQ2 F4	37A	
02080		XA535	17			XA435	74					168	9		CF01C0	02	C522TA	01 1 TQ2 B3	08B	
02081		XA435	74			XA444	62					168	9		CF01C0	03	C457KA	01 2 TQ2 F3	35B	
02082		XA444	62			XA441	08					168	9		CF01C0	04	C419EA	01 2 TQ2 E2	29A	
02083		XA441	08			XA314	54					168	9		CF01C0	05	C424PA	01 2 TQ2 A1	06A	
02084		XA314	54			XA224	60					168	9		CF01C0	06	C338CA	01 2 TQ2 D1	25A	
02085		XA224	60			XA126	70					168	9		CF01C0	07	CF01C0	00 1 TQ2 E2	28A	FS01
02086		XA126	70			XA135	26					168	9		CF01C0	08	CLC1CA	01 1 TT3 E1	33A	
02087		XA135	26									168	9		CF01C0	09	CRUSIA	01 1 TQ2 B1	14A	
02088		XA505	76			XA540	70					168	9		CF02CA	01	PQ0340	01 1 TQ2 F4	37A	
02089		XA540	70			XA535	49					168	9		CF02CA	02	C518L0	01 1 TT3 E1	33A	
02090		XA535	49			XA530	14					168	9		CF02CA	03	CQ0M10	01 2 TQ2 D4	26B	
02091		XA530	14			XA408	72					168	9		CF02CA	04	C510V0	01 2 TT3 B2	09A	
02092		XA408	72			XA304	06					168	9		CF02CA	05	CMC890	01 6 TS8 F1	34A	
02093		XA304	06			XA223	57					168	9		CF02CA	06	C612C0	01 3 TS8 A1	05A	
02094		XA223	57			XA224	55					168	9		CF02CA	07	CF02CA	00 1 TQ2 E3	30B	
02095		XA224	55			XA238	23					168	9		CF02CA	08	CF02C0	01 2 TQ2 E3	29B	
02096		XA238	23									168	9		CF02CA	09	C220C0	01 1 TQ2 B4	11B	
02103		XA344	80			XA224	57					168	9		CF02C0	01	CSECBQ	01 1 TQ0 LQ	39A	
02104		XA224	57			XA202	72					168	9		CF02C0	02	CF02C0	00 1 TQ2 E3	30B	FS02
02105		XA202	72			XA406	13					168	9		CF02C0	03	CSE0CA	01 6 TS8 F1	34A	
02106		XA406	13									168	9		CF02C0	04	C626CA	01 2 TQ2 A4	06B	

DRAWING NUMBER 149011-800
UNIT ASSEMBLY NAME CARD CAGE ASSY,CPU R.H.

STRING

UNIT ASSEMBLY NO 149011
FILE IDENT T39B2CP2

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RECORD NUMBER	FROM			TO			MULTI GROUP	CODE	COLOR	IDENT	SIGNAL	SQU NO	EQUATION	3 1 1	FACTOR	CMT OR TRIP TYPE	GROUP	LOAD OR POWER PLANE	TEST POINTS AND OR	SIGNAL DESCRIPTION	ECO NO										
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02107		XA438	72		XA242	77		168	9		CF03CA	01	C457L0	01	2	TT3	F2		34A												
02108		XA242	77		XA224	61		168	9		CF03CA	02	C200D0	01	2	TS8	F1		38B												
02109		XA224	61		XA223	63		168	9		CF03CA	03	CF03C0	01	2	TQ2	E4		32B												
02110		XA223	63					168	9		CF03CA	04	CF03CA	00	1	TQ2	E4		33B												
02117		XA545	36		XA444	70		168	9		CF03C0	01	C507EA	01	1	TQ2	C2		17A												
02118		XA444	70		XA441	20		168	9		CF03C0	02	C419DA	01	1	TQ2	E1		33A												
02119		XA441	20		XA224	63		168	9		CF03C0	03	C429DA	01	1	TQ2	B2		11A												
02120		XA224	63		XA206	10		168	9		CF03C0	04	CF03C0	00	1	TQ2	E4		33B	FS03											
02121		XA206	10		XA406	49		168	9		CF03C0	05	CSE0EA	01	1	TQ2	A1		07A												
02122		XA406	49					168	9		CF03C0	06	C614HA	01	2	TQ2	04		28B												
02123		XA538	71		XA540	66		168	9		CF04CA	01	CQW020	01	2	YD4	F2		36A												
02124		XA540	66		XA440	10		168	9		CF04CA	02	C518L0	01	3	TT3	E1		31A												
02125		XA440	10		XA343	37		168	9		CF04CA	03	C424R0	01	1	TQ2	A1		07A												
02126		XA343	37		XA224	79		168	9		CF04CA	04	CT06F0	01	8	TS8	C1		18B												
02127		XA224	79		XA223	75		168	9		CF04CA	05	CF04C0	01	1	TQ2	F1		39B												
02128		XA223	75		XA304	07		168	9		CF04CA	06	CF04CA	00	1	TQ2	F1		37B												
02129		XA304	07					168	9		CF04CA	07	C612C0	01	7	TS8	A1		03A												
02132		XA504	69		XA538	66		168	9		CF04C0	01	PQ033A	01	1	TT3	F3		35A												
02133		XA538	66		XA538	64		168	9		CF04C0	02	C512VA	01	3	TD4	E1		31A												
02134		XA538	64		XA440	56		168	9		CF04C0	03	C513EA	01	1	TD4	E2		30A												
02135		XA440	56		XA440	04		168	9		CF04C0	04	C462LA	01	1	TQ2	D1		26A												
02136		XA440	04		XA238	76		168	9		CF04C0	05	C424SA	01	1	TQ2	A2		04A												
02137		XA238	76		XA238	54		168	9		CF04C0	06	C230EA	01	1	TQ2	F4		37A												
02138		XA238	54		XA238	03		168	9		CF04C0	07	C224GA	01	2	TQ2	01		25A												
02139		XA238	03		XA229	07		168	9		CF04C0	08	C214KA	01	1	TQ2	A3		02A												
02140		XA229	07		XA224	75		168	9		CF04C0	09	C241FA	01	2	TQ2	A3		03A												
02141		XA224	75		XA206	04		168	9		CF04C0	10	CF04C0	00	1	TQ2	F1		37B	FS04											
02142		XA206	04					168	9		CF04C0	11	CSE0FA	01	1	TQ2	A2		04A												
02143		XA438	65		XA242	75		168	9		CF05CA	01	C457L0	01	3	TT3	F2		34B												
02144		XA242	75		XA224	71		168	9		CF05CA	02	C200D0	01	3	TS8	F1		37B												
02145		XA224	71		XA223	72		168	9		CF05CA	03	CF05C0	01	2	TQ2	F2		36A												
02146		XA223	72					168	9		CF05CA	04	CF05CA	00	1	TQ2	F2		34A												
02151		XA446	47		XA441	17		168	9		CF05C0	01	C406GA	01	2	TT3	03		25B												
02152		XA441	17		XA224	72		168	9		CF05C0	02	C429EA	01	1	TQ2	B3		08B												
02153		XA224	72					168	9		CF05C0	03	CF05C0	00	1	TQ2	F2		34A	FS05											
02154		XA540	68		XA343	42		168	9		CF06CA	01	C518L0	01	2	TT3	E1		32A												
02155		XA343	42		XA235	37		168	9		CF06CA	02	CT06F0	01	1	TS8	C1		20A												
02156		XA235	37		XA230	26		168	9		CF06CA	03	C224C0	01	8	TS8	C1		18B												
02157		XA230	26		XA223	69		168	9		CF06CA	04	C241C0	01	1	TD4	B1		14A												
02158		XA223	69		XA208	46		168	9		CF06CA	05	CF06CA	00	1	TQ2	F3		35A												
02159		XA208	46		XA208	42		168	9		CF06CA	06	C50E90	01	6	TS8	01		21A												
02160		XA208	42		XA208	26		168	9		CF06CA	07	CSE0V0	01	1	TS8	C1		20A												
												****	SIGNAL	CF06CA			IS ON THE	NEXT PAGE	****												

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149011-800												149011		PAGE 09-03-82		CF06CA 39	
UNIT ASSEMBLY NAME												DATE		PAGE			
CARD CAGE ASSY, CPU R.H.												09-03-82		39			
RECORD NUMBER	FROM	TO			WIRE	CODE	CON	SIGNAL	SEG NO	EQUATION	LOAD OF POWER PLANE		TEST POINTS	SIGNAL DESCRIPTION	ECO NO		
		PREF #	CONNECTOR	PIN							PIN	1				2	3
02161		XA206	26		168	9	CF06CA	08	CSE0U0	01	1	TS8	B1	14A			
02162		XA208	05		168	9	CF06CA	09	CSE0T3	01	5	TS8	A1	03B			
02165		XA224	24		168	9	CG15CO	01	CG14CA	01	2	TQ2	B1	13A			
02166		XA224	20		168	9	CG15CO	02	CG15CA	01	1	TQ2	B2	11A			
02167		XA225	22		168	9	CG15CO	03	CG15CO	00	1	TQ2	B1	12A	L1 STATE- RST STB		
02168		XA224	08		168	9	CG15CO	04	CG10CA	01	2	TQ2	A1	06A			
02169		XA224	11		168	9	CG15CO	05	CG13CA	01	1	TQ2	A4	05B			
02170		XA224	05		168	9	CG15CO	06	CG11CA	01	2	TQ2	A2	03B			
02171		XA224	03		168	9	CG15CO	07	CG12CA	01	1	TQ2	A3	02A			
02172		XA224	06		168	9	CG10CA	01	CG10CA	00	1	TQ2	A1	05A			
02173		XA132	48		168	9	CG13CA	02	CR0590	01	1	TT3	D2	22A			
02174		XA233	77		168	9	CG11CA	01	C233C0	01	2	TS8	F1	38B			
02175		XA225	08		168	9	CG11CA	02	CG11C0	01	2	TQ2	A1	06A			
02176		XA224	01		168	9	CG11CA	03	CG11CA	00	1	TQ2	A2	02B			
02177		XA310	68		168	9	CG11C0	01	C356DA	01	2	TT3	E1	32A			
02178		XA310	56		168	9	CG11C0	02	C355DA	01	1	TT3	D1	26A			
02179		XA310	42		168	9	CG11C0	03	C354DA	01	1	TT3	C1	20A			
02180		XA315	29		168	9	CG11C0	04	C353DA	01	3	TT3	C2	14B			
02181		XA225	06		168	9	CG11C0	05	CG11C0	00	1	TQ2	A1	05A	L101		
02182		XA343	68		168	9	CG12CA	01	C50690	01	2	TQ2	E1	32A			
02183		XA346	54		168	9	CG12CA	02	CT0650	01	2	TQ4	D1	25A			
02184		XA235	08		168	9	CG12CA	03	C219C0	01	2	TS8	A1	06A			
02185		XA224	05		168	9	CG12CA	04	CG12CA	00	1	TQ2	A3	04B			
02186		XA409	04		168	9	CG12CA	05	CG10C0	01	1	TQ4	A2	04A			
02193		XA540	72		168	9	CG13CA	01	C512W0	01	2	TT3	F2	34A			
02194		XA242	73		168	9	CG13CA	02	C200D0	01	4	TS8	F1	36B			
02195		XA224	15		168	9	CG13CA	03	CG13CA	00	1	TQ2	A4	07B			
02198		XA536	01		168	9	CG14CA	01	C521C0	01	6	TS8	A1	02B			
02199		XA231	42		168	9	CG14CA	02	C239C0	01	1	TS8	C1	20A			
02200		XA224	22		168	9	CG14CA	03	CG14CA	00	1	TQ2	B1	12A			
02201		XA225	04		168	9	CG14CA	04	CG14C0	01	1	TQ2	A2	04A			
02206		XA545	08		168	9	CG14C0	01	C501DA	01	2	TQ2	A1	06A			
02207		XA225	01		168	9	CG14C0	02	CG14C0	00	1	TQ2	A2	02B	L104		
02208		XA543	54		168	9	CG15CA	01	C505Q0	01	2	TQ2	D1	25A			
02209		XA224	14		168	9	CG15CA	02	CG15CA	00	1	TQ2	B2	09A			
02210		XA225	07		168	9	CG15CA	03	CG15C0	01	2	TQ2	A3	03A			
02213		XA225	09		168	9	CG15CO	01	CG15C0	00	1	TQ2	A3	04B	L105		
02214		XA204	04		168	9	CG15CO	02	CSE2EA	01	1	TQ2	A2	04A			
02215		XA204	35		168	9	CG15CO	03	CSL3EA	01	1	TQ2	C4	17B			
02216		XA205	52		168	9	CG15CO	04	CSL2LA	01	3	TT3	D1	24A			

DRAWING NUMBER		149011-800		STRING		UNIT ASSEMBLY NO		149011		REV D		VOLK		CG1500			
UNIT ASSEMBLY NAME		CARD CAGE ASSY, CPU R.H.				PART IDENT		T39B2CP2		DATE		09-03-82		PAGE			
RECORD NUMBER	FROM	TO	UNIT	UNIT	UNIT	UNIT	UNIT	UNIT	UNIT	UNIT	UNIT	UNIT	UNIT	UNIT	UNIT		
	PREFIX	CONNECTOR	PIN	PREFIX	CONNECTOR	PIN	UNIT	UNIT	UNIT	UNIT	UNIT	UNIT	UNIT	UNIT	UNIT		
02217		XA225	14		XA224	19	168	9	CG25C0	01	CG25C0	00	1	TQ2	B2	09A	L2 STATE- SET STB
02218		XA224	15		XA224	23	168	9	CG25C0	02	CG20CA	01	2	TQ2	B3	09B	
02219		XA224	23		XA224	29	168	9	CG25C0	03	CG21CA	01	1	TQ2	B4	11B	
02220		XA224	29		XA224	36	168	9	CG25C0	04	CG24CA	01	1	TQ2	C3	14B	
02221		XA224	36		XA224	37	168	9	CG25C0	05	CG23CA	01	1	TQ2	C2	17A	
02222		XA224	37		XA224	40	168	9	CG25C0	06	CG25CA	01	2	TQ2	C4	18B	
02223		XA224	40				168	9	CG25C0	07	CG22CA	01	2	TQ2	C1	19A	
02224		XA225	13		XA224	21	168	9	CG20CA	01	CG20C0	01	2	TQ2	A4	06B	
02225		XA224	21				168	9	CG20CA	02	CG20CA	00	1	TQ2	B3	10B	
02228		XA402	71		XA225	15	168	9	CG20C0	01	C6240A	01	2	TQ2	F2	36A	
02229		XA225	15		XA131	49	168	9	CG20C0	02	CG20C0	00	1	TQ2	A4	07B	L205
02230		XA131	49		XA131	37	168	9	CG20C0	03	CR052A	01	2	TQ2	D4	26B	
02231		XA131	37				168	9	CG20C0	04	CR032A	01	2	TQ2	C4	18B	
02232		XA225	19		XA224	27	168	9	CG21CA	01	CG21C0	01	2	TQ2	B3	09B	
02233		XA224	27				168	9	CG21CA	02	CG21CA	00	1	TQ2	B4	13B	
02236		XA310	60		XA308	42	168	9	CG21C0	01	C356EA	01	2	TT3	E2	28A	
02237		XA308	42		XA310	41	168	9	CG21C0	02	C353EA	01	1	TQ2	C1	20A	
02238		XA310	41		XA310	30	168	9	CG21C0	03	C355EA	01	3	TT3	D2	22B	
02239		XA310	30		XA225	21	168	9	CG21C0	04	C354EA	01	2	TT3	C2	15A	
02240		XA225	21				168	9	CG21C0	05	CG21C0	00	1	TQ2	B3	10B	L201
02241		XA543	70		XA346	52	168	9	CG22CA	01	C506Q0	01	1	TQ2	E1	33A	
02242		XA346	52		XA235	10	168	9	CG22CA	02	CT0650	01	3	TQ4	D1	24A	
02243		XA235	10		XA224	38	168	9	CG22CA	03	C219C0	01	1	TS8	A1	07A	
02244		XA224	38		XA307	64	168	9	CG22CA	04	CG22CA	00	1	TQ2	C1	18A	
02245		XA307	64				168	9	CG22CA	05	C611C0	01	1	TQ4	E2	30A	
02252		XA540	55		XA242	79	168	9	CG23CA	01	C512W0	01	3	TT3	F2	34B	
02253		XA242	79		XA224	30	168	9	CG23CA	02	C20000	01	1	TS8	F1	39B	
02254		XA224	30				168	9	CG23CA	03	CG23CA	00	1	TQ2	C2	15A	
02257		XA536	07		XA233	49	168	9	CG24CA	01	C521C0	01	7	TS8	A1	03A	
02258		XA233	49		XA233	26	168	9	CG24CA	02	C236C0	01	8	TS8	D1	26B	
02259		XA233	26		XA224	33	168	9	CG24CA	03	C237C0	01	1	TS8	B1	14A	
02260		XA224	33				168	9	CG24CA	04	CG24CA	00	1	TQ2	C3	16B	
02263		XA543	56		XA224	39	168	9	CG25CA	01	C50500	01	1	TQ2	D1	26A	
02264		XA224	39		XA225	25	168	9	CG25CA	02	CG25CA	00	1	TQ2	C4	19B	
02265		XA225	25				168	9	CG25CA	03	CG25C0	01	2	TQ2	B4	12B	
02268		XA225	27		XA206	31	168	9	CG25C0	01	CG25C0	00	1	TQ2	B4	13B	L205
02269		XA206	31		XA204	54	168	9	CG25C0	02	CSL40A	01	2	TQ2	C3	15B	
02270		XA204	54				168	9	CG25C0	03	CSL31A	01	2	TQ2	D1	25A	

**** SIGNAL (CG35C0) IS ON THE NEXT PAGE ****

DRAWING NUMBER 149011-800 UNIT ASSEMBLY NAME CARD CAGE ASSY,CPU R.H. STRING 149011 D CG35CO
 T39B2CP2 09-03-R2 41

RECORD NUMBER	FROM			TO			MULTI-ANGLE	CODE	COLOR	TEXT	FUNCTION	FUNCTION	FUNCTION	FUNCTION	FUNCTION	
	PREFIX	CONNECTOR	PIN	PREFIX	CONNECTOR	PIN										
02271		XA224	54		XA224	47		16B	9		CG35CO	01	CG30CA	01	2 TQ2 01	25A
02272		XA224	47		XA224	48		16B	9		CG35CO	02	CG33CA	01	1 TQ2 04	25B
02273		XA224	48		XA224	43		16B	9		CG35CO	03	CG31CA	01	2 TQ2 02	22A
02274		XA224	43		XA225	38		16B	9		CG35CO	04	CG32CA	01	2 TQ2 03	23B
02275		XA225	38		XA223	08		16B	9		CG35CO	05	CG35CO	00	1 TQ2 C1	18A
02276		XA223	08		XA223	11		16B	9		CG35CO	06	CG34CA	01	2 TQ2 A1	06A
02277		XA223	11		XA223	05		16B	9		CG35CO	07	CG37CA	01	1 TQ2 A4	05B
02278		XA223	05		XA223	03		16B	9		CG35CO	08	CG35CA	01	2 TQ2 A2	03B
02279		XA223	03					16B	9		CG35CO	09	CG36CA	01	1 TQ2 A3	02A
02280		XA401	14		XA310	13		16B	9		CG30CA	01	C603C	01	2 TT3 B2	09A
02281		XA310	13		XA224	52		16B	9		CG30CA	02	C601C	01	3 TT3 A3	06B
02282		XA224	52		XA225	36		16B	9		CG30CA	03	CG30CA	00	1 TQ2 D1	24A
02283		XA225	36		XA129	48		16B	9		CG30CA	04	CG30C	01	1 TQ2 C2	17A
02284		XA129	48					16B	9		CG30CA	05	CR14B1	01	1 TQD H1	22A
02285		XA314	48		XA225	30		16B	9		CG30CO	01	C339CA	01	2 TQ2 D2	22A
02286		XA225	30		XA131	78		16B	9		CG30CO	02	CG30CO	00	1 TQ2 C2	15A
02287		XA131	78					16B	9		CG30CO	03	CR14RA	01	2 TQ2 F4	38A
02288		XA225	31		XA224	46		16B	9		CG31CA	01	CG31CO	01	2 TQ2 C3	15B
02289		XA224	46		XA230	70		16B	9		CG31CA	02	CG31CA	00	1 TQ2 D2	21A
02290		XA230	70					16B	9		CG31CA	03	C232C	01	1 TQ4 E1	33A
02293		XA419	74		XA306	56		16B	9		CG31CO	01	PTR23A	01	2 TQ2 F3	35B
02294		XA306	56		XA308	49		16B	9		CG31CO	02	C355GA	01	1 TQ2 D1	26A
02295		XA308	49		XA306	34		16B	9		CG31CO	03	C356GA	01	2 TQ2 04	26B
02296		XA306	34		XA306	25		16B	9		CG31CO	04	C354GA	01	2 TQ2 C2	16A
02297		XA306	25		XA225	33		16B	9		CG31CO	05	C353HA	01	2 TQ2 B4	12B
02298		XA225	33					16B	9		CG31CO	06	CG31C	00	1 TQ2 C3	16B
02299		XA542	61		XA224	45		16B	9		CG32CA	01	C507C	01	8 TS8 E1	32B
02300		XA224	45					16B	9		CG32CA	02	CG32CA	00	1 TQ2 D3	24B
02303		XA540	71		XA242	78		16B	9		CG33CA	01	C512W0	01	1 TT3 F2	36A
02304		XA242	78		XA224	51		16B	9		CG33CA	02	C200D	01	8 TS8 F1	38A
02305		XA224	51					16B	9		CG33CA	03	CG33CA	00	1 TQ2 04	27B
02308		XA546	62		XA236	10		16B	9		CG34CA	01	C513A0	01	2 TQ4 E2	29A
02309		XA236	10		XA223	06		16B	9		CG34CA	02	C214L0	01	1 TQ2 A1	07A
02310		XA223	06					16B	9		CG34CA	03	CG34CA	00	1 TQ2 A1	05A
02313		XA242	71		XA231	34		16B	9		CG35CA	01	C200D0	01	5 TS8 F1	36A
02314		XA231	34		XA223	01		16B	9		CG35CA	02	C239C0	01	5 TS8 C1	16A
02315		XA223	01		XA216	55		16B	9		CG35CA	03	CG35CA	00	1 TQ2 A2	02B
02316		XA216	55		XA401	69		16B	9		CG35CA	04	CT06T0	01	4 TQ4 E2	29B
02317		XA401	69					16B	9		CG35CA	05	C618C0	01	1 TT3 F3	35A
02320		XA216	60		XA223	09		16B	9		CG36CA	01	CT06T0	01	3 TQ4 E2	28A
02321		XA223	09		XA225	35		16B	9		CG36CA	02	CG36CA	00	1 TQ2 A3	04B
								****	SIGNAL	(CG36CA)			IS ON THE	NEXT PAGE	****	

3-2078-1

DRAWING NUMBER 149011-800
 UNIT ASSEMBLY NAME CARD CAGE ASSY, CPU R.H.

STRING

UNIT ASSEMBLY NO 149011
 FILE IDENT T39B2CP2

REV D INDEX CG36CA
 DATE 09-03-82 PAGE 42

RECORD NUMBER	FROM			TO			WIRE GROUP	CODE	COLOR	DENT	SIGNAL	SQU NO	EQUATION	3	2	CNT ON CHPT TYPE	GROUP	LOAD OR POWER PLANE	TEST POINTS AND OR	SIGNAL DESCRIPTION	ECO NO
	PREFIX	CONNECTOR	PIN	PREFIX	CONNECTOR	PIN															
02322		XA225	35					168	9		CG36CA	03	CG36C0	01	1	TQ2	C4		17B		
02325		XA302	13		XA302	17		168	9		CG36C0	01	C601FA	01	2	TQ2	A4		06B		
02326		XA302	17		XA305	17		168	9		CG36C0	02	C603FA	01	1	TQ2	B3		08B		
02327		XA305	17		XA305	34		168	9		CG36C0	03	C604DA	01	1	TQ2	B3		08B		
02328		XA305	34		XA225	39		168	9		CG36C0	04	C602CA	01	2	TQ2	C2		16A		
02329		XA225	39					168	9		CG36C0	05	CG36C0	00	1	TQ2	C4		19B	L306	
02330		XA509	62		XA405	10		168	9		CG37CA	01	PTRSUA	01	2	TQ2	E2		29A		
02331		XA405	10		XA225	54		168	9		CG37CA	02	CMC990	01	1	TS8	A1		07A		
02332		XA225	54		XA223	15		168	9		CG37CA	03	CG37C0	01	2	TQ2	D1		25A		
02333		XA223	15					168	9		CG37CA	04	CG37CA	00	1	TQ2	A4		07B		
02340		XA510	68		XA342	57		168	9		CG37C0	01	PTSRQA	01	2	TT3	E1		32A		
02341		XA342	57		XA225	52		168	9		CG37C0	02	CTERNA	01	1	TT3	E3		30B		
02342		XA225	52		XA206	37		168	9		CG37C0	03	CG37C0	00	1	TQ2	D1		24A	L307	
02343		XA206	37		XA205	41		168	9		CG37C0	04	CSL3TA	01	2	TQ2	C4		18B		
02344		XA205	41					168	9		CG37C0	05	CSL4LA	01	3	TT3	D2		22B		
02345		XA225	46		XA223	26		168	9		CG45C0	01	CG45C0	00	1	TQ2	D2		21A	L4 STATE- STR GRS	
02346		XA223	26		XA223	25		168	9		CG45C0	02	CG40CA	01	1	TQ2	B1		14A		
02347		XA223	25		XA223	18		168	9		CG45C0	03	CG43CA	01	2	TQ2	B4		12B		
02348		XA223	18		XA223	17		168	9		CG45C0	04	CG41CA	01	2	TQ2	B2		10A		
02349		XA223	17					168	9		CG45C0	05	CG42CA	01	1	TQ2	B3		08B		
02350		XA309	14		XA225	41		168	9		CG40CA	01	C343C0	01	6	TS8	B1		09A		
02351		XA225	41		XA223	22		168	9		CG40CA	02	CG40C0	01	1	TQ2	D3		22B		
02352		XA223	22					168	9		CG40CA	03	CG40CA	00	1	TQ2	B1		12A		
02355		XA402	68		XA314	07		168	9		CG40C0	01	C622DA	01	2	TQ2	E1		32A		
02356		XA314	07		XA225	45		168	9		CG40C0	02	C347EA	01	2	TQ2	A3		03A		
02357		XA225	45		XA131	56		168	9		CG40C0	03	CG40C0	00	1	TQ2	D3		24B	L400	
02359		XA131	56					168	9		CG40C0	05	CR033A	01	1	TQ2	D1		26A		
02360		XA313	46		XA223	14		168	9		CG41CA	01	C358C0	01	6	TS8	D1		21A		
02361		XA223	14					168	9		CG41CA	02	CG41CA	00	1	TQ2	B2		09A		
02364		XA548	30		XA543	08		168	9		CG42CA	01	CM4390	01	6	TS8	C1		15A		
02365		XA543	08		XA446	78		168	9		CG42CA	02	C504D0	01	2	TQ2	A1		06A		
02366		XA446	78		XA438	71		168	9		CG42CA	03	C419C0	01	3	TT3	F3		38A		
02367		XA438	71		XA536	14		168	9		CG42CA	04	C457L0	01	1	TT3	F2		36A		
02368		XA536	14		XA346	49		168	9		CG42CA	05	C522C0	01	6	TS8	B1		09A		
02369		XA346	49		XA223	21		168	9		CG42CA	06	CT06S0	01	4	TQ4	D1		26B		
02370		XA223	21					168	9		CG42CA	07	CG42CA	00	1	TQ2	B3		10B		
02375		XA543	36		XA310	47		168	9		CG43CA	01	C508E0	01	1	TQ2	C2		17A		
02376		XA310	47		XA225	47		168	9		CG43CA	02	C342C0	01	2	TT3	D3		25B		
02377		XA225	47		XA223	27		168	9		CG43CA	03	CG43C0	01	1	TQ2	D4		25B		
02378		XA223	27					168	9		CG43CA	04	CG43CA	00	1	TQ2	B4		13B		
**** SIGNAL (CG43C0) IS ON THE NEXT PAGE ****																					

DRAWING NUMBER 149011-800 STRING UNIT ASSEMBLY NO 149011 REV D INDEX CG43C0
 UNIT ASSEMBLY NAME CARD CAGE ASSY, CPU R.H. FILE IDENT T3982CP2 DATE 09-03-82 PAGE 43

RECORD NUMBER	FROM				TO				MULTIPLE GROUP	CODE	COL. IN	IDENT	SIGNAL	SEQ NO	EQUATION	Z	Y	X	YCT OR CHIP TYPE	GROUP	LOAD OF POWER PLANE	TEST POINTS		SIGNAL DESCRIPTION	ECO NO	
	PREFIX	CONNECTOR	PIN	U I	PREFIX	CONNECTOR	PIN	U I														LAND	DR			
02381		XA225	51		XA207	68			16B	9			CG43C0	01	CG43C0	00	1	TQ2	D4		27B		L402			
02382		XA207	68		XA206	49			16B	9			CG43C0	02	CSL7CA	01	2	TQ4	E1		32A					
02383		XA206	49		XA205	45			16B	9			CG43C0	03	CSL41A	01	2	TQ2	D4		26B					
02384		XA205	45						16B	9			CG43C0	04	CSL5CA	01	1	TT3	D3		24B					
02385		XA225	66		XA223	40			16B	9			CG55C0	01	CG55C0	00	1	TQ2	E1		31A		L5 STATE- FCH PLL			
02386		XA223	40		XA223	35			16B	9			CG55C0	02	CG50CA	01	2	TQ2	C1		19A					
02387		XA223	35		XA223	34			16B	9			CG55C0	03	CG53CA	01	1	TQ2	C4		17B					
02388		XA223	34		XA223	31			16B	9			CG55C0	04	CG51CA	01	2	TQ2	C2		16A					
02389		XA223	31						16B	9			CG55C0	05	CG52CA	01	2	TQ2	C3		15B					
02390		XA309	18		XA315	03			16B	9			CG50CA	01	C343C0	01	5	TS8	B1		10A					
02391		XA315	03		XA223	38			16B	9			CG50CA	02	C349C0	01	3	TT3	A2		02A					
02392		XA223	38						16B	9			CG50CA	03	CG50CA	00	1	TQ2	C1		18A					
02393		XA401	42		XA405	08			16B	9			CG51CA	01	C608C0	01	1	TT3	C1		20A					
02394		XA405	08		XA313	43			16B	9			CG51CA	02	CMC990	01	2	TS8	A1		06A					
02395		XA313	43		XA223	30			16B	9			CG51CA	03	C358C0	01	7	TS8	D1		23B					
02396		XA223	30						16B	9			CG51CA	04	CG51CA	00	1	TQ2	C2		15A					
02397		XA542	55		XA223	33			16B	9			CG52CA	01	CG507C0	01	7	TS8	E1		29B					
02398		XA223	33						16B	9			CG52CA	02	CG52CA	00	1	TQ2	C3		16B					
02401		XA536	48		XA544	52			16B	9			CG53CA	01	CGM000	01	5	TS8	D1		22A					
02402		XA544	52		XA406	65			16B	9			CG53CA	02	CG509C0	01	3	TT3	D1		24A					
02403		XA406	65		XA204	73			16B	9			CG53CA	03	CG623C0	01	1	TQ2	F3		34B					
02404		XA204	73		XA223	39			16B	9			CG53CA	04	CSL6C0	01	1	TQ2	F2		36B					
02405		XA223	39		XA131	59			16B	9			CG53CA	05	CG53CA	00	1	TQ2	C4		19B					
02406		XA131	59						16B	9			CG53CA	06	CRUSE0	01	1	TQ2	E4		31B					
02411		XA310	35		XA220	31			16B	9			CG65C0	01	CGP01A	01	2	TT3	C3		17B					
02412		XA220	31		XA220	34			16B	9			CG65C0	02	CG66CA	01	2	TQ2	C3		15B					
02413		XA220	34		XA220	37			16B	9			CG65C0	03	CG65CA	01	2	TQ2	C2		16A					
02414		XA220	37		XA220	40			16B	9			CG65C0	04	CG67CA	01	2	TQ2	C4		18B					
02415		XA220	40		XA223	43			16B	9			CG65C0	05	CG64CA	01	2	TQ2	C1		19A					
02416		XA223	43		XA223	50			16B	9			CG65C0	06	CG62CA	01	2	TQ2	D3		23B					
02417		XA223	50		XA223	49			16B	9			CG65C0	07	CG61CA	01	1	TQ2	D2		23A					
02418		XA223	49		XA223	56			16B	9			CG65C0	08	CG63CA	01	2	TQ2	D4		26B					
02419		XA223	56		XA225	60			16B	9			CG65C0	09	CG60CA	01	1	TQ2	D1		26A					
02420		XA225	60						16B	9			CG65C0	10	CG65C0	00	1	TQ2	E2		28A		L6 STATE- LOA PAG			
02421		XA405	66		XA225	55			16B	9			CG60CA	01	CGM490	01	3	TS8	E1		31A					
02422		XA225	55		XA223	52			16B	9			CG60CA	02	CG60C0	01	2	TQ2	E3		29B					
02423		XA223	52						16B	9			CG60CA	03	CG60CA	00	1	TQ2	D1		24A					
02426		XA402	49		XA402	42			16B	9			CG60C0	01	CG619DA	01	2	TQ2	D4		26B					
02427		XA402	42		XA311	49			16B	9			CG60C0	02	CG620DA	01	1	TQ2	C1		20A					
02428		XA311	49		XA225	57			16B	9			CG60C0	03	C343GA	01	2	TQ2	D4		26B					
02429		XA225	57						16B	9			CG60C0	04	CG60C0	00	1	TQ2	E3		30B		L600			
									****	SIGNAL		CG61CA		IS ON THE NEXT PAGE				****								

1-2876-1

DRAWING NUMBER 149011-800
 UNIT ASSEMBLY NAME CARD CAGE ASSY,CPU R.H.

STRING

UNIT ASSEMBLY NO 149011
 PART IDENT T3982CP2

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 DATE 09-03-82

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RECORD NUMB. R	FROM				TO				WIRE		MULTI- PART	CODE	COLOR	IDENT	SIGNAL	SFC NO	TERMINATION	3 2 1	4 3 2 1	5 4 3 2 1	GROUP	LOAD FOR POST- PLANE	TEST PC-114 FUNCTION	SIGNAL DESCRIPTION	ECO NO
	PREFIX	CONNECTOR	PIN	POS	PREFIX	CONNECTOR	PIN	POS																	
02430		XA313	48								168	9		CG61CA	01	C358C0	01	5	TS8	01		22A			
02431		XA223	46			XA223	46				168	9		CG61CA	02	CG61CA	00	1	TQ2	02		21A			
02432		XA405	01			XA548	31				168	9		CG62CA	01	CMC990	01	6	TS8	A1		02B			
02433		XA548	31			XA225	61				168	9		CG62CA	02	CMH390	01	7	TS8	C1		19B			
02434		XA225	61			XA223	45				168	9		CG62CA	03	CG62C0	01	2	TQ2	E4		32B			
02435		XA223	45			XA129	54				168	9		CG62CA	04	CG62CA	00	1	TQ2	03		24B			
02436		XA129	54								168	9		CG62CA	05	CR11B1	01	1	TQ0	G1		29A			
02441		XA205	53			XA225	63				168	9		CG62C0	01	C507JA	01	3	TT3	E2		20B			
02442		XA225	63			XA132	76				168	9		CG62C0	02	CG62C0	00	1	TQ2	E4		39B		L602	
02443		XA132	76								168	9		CG62C0	03	CR11CA	01	2	TT3	F3		37A			
02444		XA539	75			XA540	41				168	9		CG63CA	01	C512C0	01	3	TS8	F1		37B			
02445		XA540	41			XA223	51				168	9		CG63CA	02	C51900	01	3	TT3	02		22B			
02446		XA223	51								168	9		CG63CA	03	CG63CA	00	1	TQ2	04		27B			
02449		XA540	61			XA313	56				168	9		CG64CA	01	C518N0	01	3	TT3	E3		32B			
02450		XA313	56			XA225	77				168	9		CG64CA	02	C358C0	01	1	TS8	01		26A			
02451		XA225	77			XA220	38				168	9		CG64CA	03	CG64C0	01	2	TQ2	F1		30B			
02452		XA220	38								168	9		CG64CA	04	CG64CA	00	1	TQ2	C1		18A			
02455		XA225	75			XA205	66				168	9		CG64C0	01	CG64C0	00	1	TQ2	F1		37B		L604	
02456		XA205	66								168	9		CG64C0	02	CSL62A	01	3	TT3	E1		31A			
02457		XA540	59			XA309	26				168	9		CG65CA	01	C518N0	01	2	TT3	E3		31B			
02458		XA309	26			XA225	71				168	9		CG65CA	02	C343C0	01	1	TS8	B1		14A			
02459		XA225	71			XA220	30				168	9		CG65CA	03	CG65C0	01	2	TQ2	F2		36A			
02460		XA220	30								168	9		CG65CA	04	CG65CA	00	1	TQ2	C2		15A			
02467		XA308	62			XA225	72				168	9		CG65C0	01	C358FA	01	2	TQ2	E2		29A			
02468		XA225	72			XA132	11				168	9		CG65C0	02	CG65C0	00	1	TQ2	F2		34A		L605	
02469		XA132	11								168	9		CG65C0	03	CR91RA	01	2	TT3	A3		05B			
02470		XA542	68			XA548	43				168	9		CG66CA	01	C507C0	01	2	TS8	E1		32A			
02471		XA548	43			XA548	37				168	9		CG66CA	02	CMH490	01	7	TS8	01		23B			
02472		XA548	37			XA220	33				168	9		CG66CA	03	CMH390	01	8	TS8	C1		18B			
02473		XA220	33								168	9		CG66CA	04	CG66CA	00	1	TQ2	C3		16B			
02476		XA440	08			XA439	05				168	9		CG67CA	01	C424R0	01	2	TQ2	A1		06A			
02477		XA439	05			XA220	39				168	9		CG67CA	02	C450C0	01	5	TS8	A1		03B			
02478		XA220	39			XA225	65				168	9		CG67CA	03	CG67CA	00	1	TQ2	C4		19B			
02479		XA225	65			XA310	49				168	9		CG67CA	04	CG67C0	01	1	TQ2	F3		34B			
02480		XA310	49			XA409	19				168	9		CG67CA	05	C342C0	01	3	TT3	03		26B			
02481		XA409	19			XA406	07				168	9		CG67CA	06	CMC690	01	4	TQ4	B2		09B			
02482		XA406	07			XA530	17				168	9		CG67CA	07	C613C0	01	2	TQ2	A3		03A			
02483		XA530	17								168	9		CG67CA	08	C510V0	01	3	TT3	B2		08B			
02488		XA337	22			XA225	69				168	9		CG67C0	01	CTERPA	01	3	TQ4	B1		12A			
02489		XA225	69			XA206	50				168	9		CG67C0	02	CG67C0	00	1	TQ2	F3		35A		L607	
												****	SIGNAL	CG67C0		IS ON THE	NEXT PAGE		****						

DRAWING NUMBER 149011-800
UNIT ASSEMBLY NAME CARD CAGE ASSY, CPU R.H.

STRING

UNIT ASSEMBLY NO 149011
PART IDENT T3982CP2

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RECORD NUMBER	FROM				TO				WIRE		MULTI GROUP	CODE	COLOR	IDENT	SIGNAL	SEC NO	EQUATION	Z	Z	CAT OF WIRE TYPE	GROUP	WIRE PLANE	TEST POINT LOCATION	SIGNAL DESCRIPTION	ECO NO	
	PREFIX	CONNECTOR	PIN	WIRE NO	PREFIX	CONNECTOR	PIN	WIRE NO																		
02490		XA206	50									168	9		CG67C0	03	CSL65A	01	1	TQ2	D2		23A			
05119		XA132	57									168	9		CG67C0	04	CSL7DA	01	1	TT3	E3		30B			
18767		XA333	73									168	9		CG7SC0	00	CG73C04	01	1	TLD	F2		36B			
18598		XA230	34									168	9		CG7SC0	055	TPWFCA	01	2	T04	C2		16A			
02493		XA225	80									168	9		CG7SC0	01	CG75C0	00	1	TQ2	F4		39A	L7 STATE- STR QRR		
18584		XA224	65									168	9		CG7SC0	011	CPUSGA	01	1	TQ2	F3		34B			
02494		XA220	53									168	9		CG7SC0	02	CG71CA	01	1	TQ2	E3		28B			
02495		XA220	49									168	9		CG7SC0	03	CG72CA	01	2	TQ2	04		26B			
02496		XA222	26									168	9		CG7SC0	04	CG70CA	01	1	TQ2	B1		14A			
02497		XA508	54									168	9		CG7SC0	05	PLE10A	01	2	TS8	D1		25A			
02498		XA540	57									168	9		CG70CA	01	C518N0	01	1	TT3	E3		30B			
02499		XA405	46									168	9		CG70CA	02	CMD390	01	6	TS8	D1		21A			
02500		XA405	19									168	9		CG70CA	03	CMD190	01	7	TS8	B1		09B			
02501		XA222	22									168	9		CG70CA	04	CG70CA	00	1	TQ2	B1		12A			
02506		XA548	46									168	9		CG71CA	01	CMM490	01	6	TS8	D1		21A			
02507		XA543	10									168	9		CG71CA	02	C50400	01	1	TQ2	A1		07A			
02508		XA536	18									168	9		CG71CA	03	C522C0	01	5	TS8	B1		10A			
02509		XA346	56									168	9		CG71CA	04	CT0650	01	1	T04	D1		26A			
02510		XA220	57									168	9		CG71CA	05	CG71CA	00	1	TQ2	E3		30B			
02511		XA310	25									168	9		CG71CA	06	C607C0	01	3	TT3	B3		12B			
02512		XA401	26									168	9		CG71CA	07	C605C0	01	1	TT3	B1		14A			
02517		XA543	34									168	9		CG72CA	01	C508E0	01	2	TQ2	C2		16A			
02518		XA220	51									168	9		CG72CA	02	CG72CA	00	1	TQ2	04		27B		C07	
18792		XA333	72											J	CG73C04	01	CG73C04	00	1	TLD	F2		34A	UINRPH BUSS		
02522		XA216	11									168	9		CKCP0A	01	CKCP0A	00	1	T04	A1		05B	CK00-05 GATED CLK		
02523		XA215	14									168	9		CKCP0A	02	CK01BN	01	1	TDD	DN		09A			
02524		XA215	26									168	9		CKCP0A	03	CK00BN	01	1	TDD	CN		14A			
02525		XA215	30									168	9		CKCP0A	04	CK03BN	01	1	TDD	FN		15A			
02526		XA215	42									168	9		CKCP0A	05	CK02BN	01	1	TDD	EN		20A			
02527		XA215	56									168	9		CKCP0A	06	CK04BN	01	1	TDD	GN		26A			
02528		XA215	46									168	9		CKCP0A	07	CK05BN	01	1	TDD	HN		21A			
02529		XA216	06									168	9		CKCQCA	01	CKCP0A	01	3	T04	A1		05A			
02530		XA230	57									168	9		CKCQCA	02	CKCQCA	00	1	T04	E2		30B			
02531		XA222	27									168	9		CKCQEO	01	CKCQEO	00	1	TQ2	B4		13B	NRML INH DECR IN E		
02532		XA230	55									168	9		CKCQEO	02	CKCQCA	01	4	T04	E2		29B	INH DEC CK IF NRML		
02533		XA220	65									168	9		CKDBLA	01	CKDBL0	01	1	TQ2	F3		34B			
02534		XA216	69									168	9		CKDBLA	02	CKDBLA	00	1	T04	F2		35A			
02535		XA326	24									168	9		CKDBL0	01	DC27K0	01	2	TLD	B1		13A			
02536		XA326	20									168	9		CKDBL0	02	DC26K0	01	1	YLD	B2		11A			
02537		XA327	10									168	9		CKDBL0	03	DC31K0	01	1	TLD	A1		07A			
															****	SIGNAL	CKDBL0			IS ON THE	NEXT PAGE	****				

DRAWING NUMBER		149011-800		STRING		UNIT ASSEMBLY NO		149011		REV D		INDEX		CKDBLO							
UNIT ASSEMBLY NAME		CARD CAGE ASSY, CPU R.H.		FILE IDENT		T39B2CP2		DATE		09-03-82		PAGE		46							
RECORD NUMBER	FROM			TO			MULTIPLIER	CODE	COLOR	DEN	SIGNAL	SFC NO	EQUATION	3	2	1	LOAD OR POWER PLANE	TEST POINTS AND/OR	SIGNAL DESCRIPTION	ECO NO	
	PREFIX	CONNECTOR	PIN	PREFIX	CONNECTOR	PIN															
02538	XA327	13		XA327	04		168	9			CKDBLO	04	DC28KD	01	2	TLO	A4	06B			
02539	XA327	04		XA327	07		168	9			CKDBLO	05	DC30KD	01	1	TLO	A2	04A			
02540	XA327	07		XA220	69		168	9			CKDBLO	06	DC29KD	01	2	TLO	A3	03A			
02541	XA220	69					168	9			CKDBLO	07	CKDBLO	00	1	TQ2	F3	39A	BLO CK0005082631		
02542	XA220	78		XA217	80		168	9			CKDBTA	01	CKDBTO	01	2	TQ2	F4	38A			
02543	XA217	80		XA207	43		168	9			CKDBTA	02	CKDBTA	00	1	TT3	F3	34A	BTR DB2631CK0005		
02544	XA207	43					168	9			CKDBTA	03	CK00C0	01	4	TD4	D2	23B			
02545	XA220	80		XA217	54		168	9			CKDBTO	01	CKDBTO	00	1	TQ2	F4	39A	BTR DB2631CK0005		
02546	XA217	54		XA217	47		168	9			CKDBTO	02	CK031A	01	2	TT3	D1	25A			
02547	XA217	47		XA217	46		168	9			CKDBTO	03	CK051A	01	2	TT3	D3	25B			
02548	XA217	46		XA217	42		168	9			CKDBTO	04	CK041A	01	2	TT3	D2	21A			
02549	XA217	42		XA217	33		168	9			CKDBTO	05	CK001A	01	1	TT3	C1	20A			
02550	XA217	33		XA217	29		168	9			CKDBTO	06	CK021A	01	1	TT3	C3	16B			
02551	XA217	29					168	9			CKDBTO	07	CK011A	01	3	TT3	C2	14B			
02552	XA242	20		XA242	31		168	9			CKE1DA	01	C213EA	01	4	TS8	B1	11A			
02553	XA242	31		XA241	52		168	9			CKE1DA	02	C212EA	01	7	TS8	C1	15B			
02554	XA241	52		XA241	55		168	9			CKE1DA	03	C212DA	01	3	TS8	D1	24A			
02555	XA241	55		XA239	64		168	9			CKE1DA	04	C208CA	01	7	TS8	E1	29B			
02556	XA239	64		XA239	77		168	9			CKE1DA	05	C229FA	01	1	TD4	E2	30A			
02557	XA239	77		XA237	75		168	9			CKE1DA	06	C207CA	01	2	TD4	F1	38B			
02558	XA237	75		XA235	68		168	9			CKE1DA	07	C229CA	01	3	TS8	F1	37B			
02559	XA235	68		XA219	11		168	9			CKE1DA	08	C228CA	01	2	TS8	E1	32A			
02560	XA219	11		XA203	07		168	9			CKE1DA	09	CKE1DA	00	1	TS8	A1	05B	(MOD-1CK0005) (CK		
02561	XA203	07					168	9			CKE1DA	10	CSE2CA	01	7	TS8	A1	03A			
02562	XA218	60		XA216	50		168	9			CKL03A	01	CK0490	01	6	TS8	E1	28A			
02563	XA216	50		XA212	59		168	9			CKL03A	02	CK0590	01	1	TD4	D2	23A			
02564	XA212	59		XA207	48		168	9			CKL03A	03	CKL03A	00	1	TD4	E1	31B	LDA +00003CK0005		
02565	XA207	48					168	9			CKL03A	04	CK00C0	01	2	TD4	D2	22A			
02566	XA216	15		XA216	34		168	9			CKL37A	01	CK0190	01	4	TD4	B2	09B			
02567	XA216	34		XA216	42		168	9			CKL37A	02	CK0390	01	2	TD4	C2	16A			
02568	XA216	42		XA216	46		168	9			CKL37A	03	CK0290	01	1	TD4	C1	20A			
02569	XA216	46		XA218	55		168	9			CKL37A	04	CK0590	01	3	TD4	D2	21A			
02570	XA218	55		XA212	57		168	9			CKL37A	05	CK0490	01	7	TS8	E1	29B			
02571	XA212	57		XA207	46		168	9			CKL37A	06	CKL37A	00	1	TD4	E2	30B	LDA +00037CK0005		
02572	XA207	46					168	9			CKL37A	07	CK00C0	01	3	TD4	D2	21A			
02573	XA217	01		XA217	09		168	9			CKM000	01	CK012A	01	2	TT3	A2	02B			
02574	XA217	09		XA217	08		168	9			CKM000	02	CK022A	01	1	TT3	A3	04B			
02575	XA217	08		XA217	14		168	9			CKM000	03	CK002A	01	2	TT3	A1	06A			
02576	XA217	14		XA217	21		168	9			CKM000	04	CK032A	01	2	TT3	B2	09A			
02577	XA217	21		XA218	26		168	9			CKM000	05	CK042A	01	1	TT3	B3	10B			
02578	XA218	26		XA218	36		168	9			CKM000	06	CK014A	01	1	TS8	B1	14A			
02579	XA218	36		XA218	43		168	9			CKM000	07	CK024A	01	4	TS8	C1	17A			
02580	XA218	43		XA216	66		168	9			CKM000	08	CK034A	01	7	TS8	D1	23B			
02581	XA216	66		XA220	72		168	9			CKM000	09	CK044A	01	3	TD4	E1	31A			
**** SIGNAL (CKM000) IS ON THE NEXT PAGE ****																					

DRAWING NUMBER		149011-800		STRING		UNIT ASSEMBLY NO		149011		REV D		INDEX		CKM000			
UNIT ASSEMBLY NAME		CARD CAGE ASSY,CPU R.H.				FILE IDENT		T39B2CP2		DATE		09-03-82		PAGE 47			
RECORD NUMBER	FROM	TO	WRE	UNIT	SIGNAL	SIG NO	EQUATION	TRIG	TRIG	TRIG	TRIG	TRIG	TRIG	TRIG	TRIG		
	REF ID	CONNECTOR	PIN	REF ID	CONNECTOR	PIN	CODE	COL	TRIG	TRIG	TRIG	TRIG	TRIG	TRIG	TRIG		
02582		XA220	72		XA212	79	16B 9			CKM000	10	CKM000	00	1	TQ2 F2	34A	DECREMENT CK OPOL
02583		XA212	79				16B 9			CKM000	11	CK052A	01	1	TQ4 F1	39B	
02584		XA222	08		XA220	71	16B 9			CKM0EA	01	CKQ5C0	01	2	TQ2 A1	06A	
02585		XA220	71		XA216	47	16B 9			CKM0EA	02	CKM000	01	2	TQ2 F2	38A	
02586		XA216	47		XA204	68	16B 9			CKM0EA	03	CKM0EA	00	1	TQ4 D1	25B	MOD-00002CK0005
02587		XA204	68		XA306	04	16B 9			CKM0EA	04	CK053A	01	2	TQ2 E1	32A	
02588		XA306	04				16B 9			CKM0EA	05	CKM0E0	01	1	TQ2 A2	04A	
02589		XA204	77		XA306	01	16B 9			CKM0E0	01	CK054A	01	2	TQ2 F1	38B	
02590		XA306	01				16B 9			CKM0E0	02	CKM0E0	00	1	TQ2 A2	02B	DECR CK BY TWO
02591		XA222	06		XA216	05	16B 9			CKQ5C0	01	CKQ5C0	00	1	TQ2 A1	05A	DCRC-DECREMENT Q1
02592		XA216	05		XA218	06	16B 9			CKQ5C0	02	CK023A	01	2	TQ4 A2	03B	
02593		XA218	06		XA218	22	16B 9			CKQ5C0	03	CK003A	01	3	TS8 A1	05A	
02594		XA218	22		XA216	25	16B 9			CKQ5C0	04	CK014A	01	3	TS8 B1	12A	
02595		XA216	25		XA218	38	16B 9			CKQ5C0	05	CK013A	01	4	TQ4 B1	12B	
02596		XA218	38		XA218	50	16B 9			CKQ5C0	06	CK024A	01	3	TS8 C1	18A	
02597		XA218	50		XA220	62	16B 9			CKQ5C0	07	CK034A	01	4	TS8 D1	23A	
02598		XA220	62		XA220	59	16B 9			CKQ5C0	08	CK033A	01	2	TQ2 E2	29A	
02599		XA220	59		XA216	70	16B 9			CKQ5C0	09	CK043A	01	1	TQ2 E4	31B	
02600		XA216	70				16B 9			CKQ5C0	10	CK044A	01	1	TQ4 E1	33A	
02601		XA222	01		XA215	20	16B 9			CKRSTA	01	CKRSTA	00	1	TQ2 A2	02B	RESET CK REG
02602		XA215	20		XA215	27	16B 9			CKRSTA	02	CK018P	01	1	TQ0 DP	11A	
02603		XA215	27		XA215	29	16B 9			CKRSTA	03	CK008Q	01	1	TQ0 CQ	13B	
02604		XA215	29		XA215	39	16B 9			CKRSTA	04	CK038Q	01	1	TQ0 FQ	14B	
02605		XA215	39		XA215	41	16B 9			CKRSTA	05	CK028Q	01	1	TQ0 EQ	19B	
02606		XA215	41		XA215	51	16B 9			CKRSTA	06	CK058Q	01	1	TQ0 HQ	22B	
02607		XA215	51				16B 9			CKRSTA	07	CK048Q	01	1	TQ0 GQ	27B	
02608		XA222	04		XA221	74	16B 9			CKRST0	01	CKRSTA	01	1	TQ2 A2	04A	
02609		XA221	74				16B 9			CKRST0	02	CKRST0	00	1	TT3 F2	35B	MASTER RST / ATE5
18539		XA244	66		XA222	07	16B 9			CKZRCA	00	CT02HA	01	3	TT3 E1	31A	
02610		XA222	07		XA222	11	16B 9			CKZRCA	01	CKZRCA	01	2	TQ2 A3	03A	
02611		XA222	11		XA219	23	16B 9			CKZRCA	02	CKZ1C0	01	1	TQ2 A4	05B	
02612		XA219	23		XA216	68	16B 9			CKZRCA	03	CKZRCA	00	1	TS8 B1	11B	CK=0 APOL
02613		XA216	68		XA206	54	16B 9			CKZRCA	04	CK044A	01	2	TQ4 E1	32A	
02614		XA206	54		XA206	47	16B 9			CKZRCA	05	CSL4MA	01	2	TQ2 D1	25A	
02615		XA206	47		XA203	43	16B 9			CKZRCA	06	CSL41A	01	1	TQ2 D4	25B	
02616		XA203	43		XA203	42	16B 9			CKZRCA	07	CSE4CA	01	7	TS8 D1	23B	
02617		XA203	42		XA203	26	16B 9			CKZRCA	08	CSE3FA	01	1	TS8 C1	20A	
02618		XA203	26		XA203	08	16B 9			CKZRCA	09	CSE3CA	01	1	TS8 B1	14A	
02619		XA203	08				16B 9			CKZRCA	10	CSE2CA	01	2	TS8 A1	06A	
02620		XA222	09		XA207	66	16B 9			CKZRCA	01	CKZRCA	00	1	TQ2 A3	04B	CK=0 GPOL
02621		XA207	66		XA205	47	16B 9			CKZRCA	02	CSL7CA	01	3	TQ4 E1	31A	
02622		XA205	47				16B 9			CKZRCA	03	CSL5CA	01	2	TT3 D3	25B	
**** SIGNAL (CKZRCA) IS ON THE NEXT PAGE ****																	

DRAWING NUMBER 149011-800
UNIT ASSEMBLY NAME CARD CAGE ASSY,CPU R.H.

STRING

UNIT ASSEMBLY NO 149011
FILE IDENT T3982CP2
PAGE 09-33-82
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RECORD NUMBER	FROM			TO			MULTI GROUP	WIRE CODE	WIRE COLOR	WIRE LENGTH	SIGNAL	REC NO	EQUATION	TEST POINTS	SIGNAL DESCRIPTION	CSD NO
	PREFIX	CONNECTOR	PIN	PREFIX	CONNECTOR	PIN										
02666		XA216	08		XA207	45		168	9		CK00C0	01	CKCP0A	01 2 TD4 A1	06A	
02667		XA207	45					168	9		CK00C0	02	CK00C0	00 1 TD4 D2	24B	CK00-05 CLOCK ENA
02668		XA220	46		XA219	46		168	9		CK00P0	01	CK00P0	00 1 TQ2 D2	21A	CK00BP UNLOAD
02669		XA219	46					168	9		CK00P0	02	CKZRKA	01 6 TS8 D1	21A	
02670		XA220	56		XA217	36		168	9		CK001A	01	CK0090	01 1 TQ2 D1	26A	
02671		XA217	36					168	9		CK001A	02	CK001A	00 1 TT3 C1	17A	DB26 TO CK00
02672		XA220	54		XA217	04		168	9		CK002A	01	CK0090	01 2 TQ2 D1	25A	
02673		XA217	04					168	9		CK002A	02	CK002A	00 1 TT3 A1	04A	DECR HOLD CK00 SE
02674		XA218	11		XA217	06		168	9		CK003A	01	CK003A	00 1 TS8 A1	09B	DECR INHIBIT CK00
02675		XA217	06					168	9		CK003A	02	CK002A	01 3 TT3 A1	05A	
02676		XA220	52		XA215	24		168	9		CK0090	01	CK0090	00 1 TQ2 D1	24A	SET CK00 DATA
02677		XA215	24					168	9		CK0090	02	CK00B1	01 1 TDD C1	13A	
02678		XA219	74		XA219	55		168	9		CK01BP	01	CT22DA	01 7 TS8 F1	35B	
02679		XA219	55		XA219	40		168	9		CK01BP	02	CKZUCA	01 7 TS8 E1	29B	
02680		XA219	40		XA219	19		168	9		CK01BP	03	CKZRDA	01 2 TS8 C1	19A	
02681		XA219	19		XA219	08		168	9		CK01BP	04	CKZRCA	01 7 TS8 B1	09B	
02682		XA219	08		XA215	21		168	9		CK01BP	05	CKE1DA	01 2 TS8 A1	06A	
02683		XA215	21					168	9		CK01BP	06	CK01BP	00 1 TDD DP	10B	
02684		XA326	26		XA220	43		168	9		CK01BQ	01	DC27K0	01 1 TLD B1	14A	
02685		XA220	43		XA215	19		168	9		CK01BQ	02	CK01P0	01 2 TQ2 D3	23B	
02686		XA215	19		XA217	05		168	9		CK01BQ	03	CK01BQ	00 1 TDD DQ	09B	
02687		XA217	05					168	9		CK01BQ	04	CK012A	01 1 TT3 A2	03B	
02688		XA219	48		XA220	45		168	9		CK01P0	01	CKZRKA	01 5 TS8 D1	22A	
02689		XA220	45		XA218	14		168	9		CK01P0	02	CK01P0	00 1 TQ2 D3	24B	CK01BP UNLOAD
02690		XA218	14		XA218	04		168	9		CK01P0	03	CK014A	01 6 TS8 B1	09A	
02691		XA218	04					168	9		CK01P0	04	CK003A	01 4 TS8 A1	04A	
02692		XA217	31		XA216	20		168	9		CK011A	01	CK011A	00 1 TT3 C2	19B	DB27 TO CK01
02693		XA216	20					168	9		CK011A	02	CK0190	01 1 TD4 B2	11A	
02694		XA217	07		XA216	14		168	9		CK012A	01	CK012A	00 1 TT3 A2	03A	DECR HOLD CK01 SE
02695		XA216	14					168	9		CK012A	02	CK0190	01 3 TD4 B2	09A	
02696		XA217	03		XA216	23		168	9		CK013A	01	CK012A	01 3 TT3 A2	02A	
02697		XA216	23					168	9		CK013A	02	CK013A	00 1 TD4 B1	11B	DECR INHIBIT CK01
02698		XA218	23		XA216	18		168	9		CK014A	01	CK014A	00 1 TS8 B1	11B	DECR SET CK01
02699		XA216	18					168	9		CK014A	02	CK0190	01 2 TD4 B2	10A	
02700		XA216	21		XA215	18		168	9		CK0190	01	CK0190	00 1 TD4 B2	10B	SET CK01 DATA
								****	SIGNAL		CK0190			IS ON THE	NEXT PAGE	****

DRAWING NUMBER 149011-800
UNIT ASSEMBLY NAME CARD CAGE ASSY,CPU R.H.

STRING

UNIT ASSEMBLY NO 149011
FILE IDENT T39B2CP2

REV D INDEX CK0190
DATE 09-03-82 PAGE 50

RECORD NUMBER	FROM			TO			WIRE NO	SIGNAL	S/P NO	EQUATION	3 1 2 4	CAT OR TYPE	LOAD OR POWER PLANE	TEST POINTS AND/OR	SIGNAL DESCRIPTION	ECO NO
	PREFIX	CONNECTOR	PIN	PREFIX	CONNECTOR	PIN										
02701		XA215	18				168 9	CK0190	J2	CK018T	01	1	T00	01	10A	
02702		XA219	71		XA219	61	168 9	CK028P	01	CT22DA	01	5	TS8	F1	36A	
02703		XA219	61		XA215	35	168 9	CK028P	02	CKZUCA	01	8	TS8	E1	32B	
02704		XA215	35		XA219	34	168 9	CK028P	03	CK028P	00	1	T00	FP	17B	
02705		XA219	34		XA219	24	168 9	CK028P	04	CKZROA	01	5	TS8	C1	16A	
02706		XA219	24		XA219	06	168 9	CK028P	05	CKZRCA	01	2	TS8	B1	13A	
02707		XA219	06				168 9	CK028P	06	CKE1DA	01	3	TS8	A1	05A	
02708		XA327	11		XA222	19	168 9	CK028Q	01	DC28KJ	01	1	TLD	A4	05B	
02709		XA222	19		XA217	13	168 9	CK028Q	02	CK02PJ	01	2	TQ2	B3	09B	
02710		XA217	13		XA215	37	168 9	CK028Q	03	CK022A	01	3	TT3	A3	06B	
02711		XA215	37				168 9	CK028Q	04	CK028Q	00	1	T00	EQ	18B	
02712		XA222	21		XA218	08	168 9	CK02P0	01	CK02P0	00	1	TQ2	B3	10B	CK028P UNLOAD
02713		XA218	08		XA218	19	168 9	CK02P0	02	CK003A	01	2	TS8	A1	06A	
02714		XA218	19		XA216	26	168 9	CK02P0	03	CK014A	01	7	TS8	B1	09B	
02715		XA216	26		XA218	34	168 9	CK02P0	04	CK013A	01	1	T04	B1	14A	
02716		XA218	34		XA219	43	168 9	CK02P0	05	CK026A	01	5	TS8	C1	16A	
02717		XA219	43				168 9	CK02P0	06	CKZRKA	01	7	TS8	D1	23B	
02718		XA217	39		XA216	40	168 9	CK021A	01	CK021A	00	1	TT3	C3	19B	DB28 TO CK02
02719		XA216	40				168 9	CK021A	02	CK029J	01	2	T04	C1	19A	
02720		XA217	15		XA216	37	168 9	CK022A	01	CK022A	00	1	TT3	A3	07B	DECR HOLD CK02 SE
02721		XA216	37				168 9	CK022A	02	CK0290	01	4	T04	C1	18B	
02722		XA217	11		XA216	09	168 9	CK023A	01	CK022A	01	2	TT3	A3	05B	
02723		XA216	09				168 9	CK023A	02	CK023A	00	1	T04	A2	04B	DECR INHIBIT CK02
02724		XA218	35		XA216	38	168 9	CK024A	01	CK024A	00	1	TS8	C1	17B	DECR SET CK02
02725		XA216	38				168 9	CK024A	02	CK0290	01	3	T04	C1	18A	
02726		XA216	35		XA215	40	168 9	CK0290	01	CK0290	00	1	T04	C1	17A	SET CK02 DATA
02727		XA215	40				168 9	CK0290	02	CK028T	01	1	T00	ET	19A	
02728		XA219	73		XA219	68	168 9	CK038P	01	CT22DA	01	4	TS8	F1	36B	
02729		XA219	68		XA215	33	168 9	CK038P	02	CKZUCA	01	2	TS8	E1	32A	
02730		XA215	33		XA219	31	168 9	CK038P	03	CK038P	00	1	T00	FP	16B	
02731		XA219	31		XA219	25	168 9	CK038P	04	CKZPDA	01	7	TS8	C1	15B	
02732		XA219	25		XA219	13	168 9	CK038P	05	CKZRCA	01	8	TS8	B1	12B	
02733		XA219	13				168 9	CK038P	06	CKE1DA	01	8	TS8	A1	06B	
02734		XA327	03		XA220	68	168 9	CK038Q	01	DC29KJ	01	1	TLD	A3	02A	
02735		XA220	68		XA215	31	168 9	CK038Q	02	CK03PJ	01	2	TQ2	E1	32A	
02736		XA215	31		XA217	17	168 9	CK038Q	03	CK038Q	00	1	T00	FQ	15B	
02737		XA217	17				168 9	CK038Q	04	CK032A	01	3	TT3	B2	08B	
02738		XA220	66		XA219	56	168 9	CK03P0	01	CK03PJ	00	1	TQ2	E1	31A	CK038P UNLOAD
02739		XA219	56		XA218	46	168 9	CK03P0	02	CKZRKA	01	1	TS8	D1	26A	
**** SIGNAL (CK03P0) IS ON THE NEXT PAGE ****																

DRAWING NUMBER		149011-800		STRING		UNIT ASSEMBLY NO		149011		REV D		INDEX		CK03PO	
UNIT ASSEMBLY NAME		CARD CAGE ASSY, CPU R.H.		FILE IDENT		T39B2CP2		DATE		09-03-82		PAGE		51	
RECORD NUMBER	FROM	TO	WIRE	SIGNAL	SEC NO	EQUATION	TERM	FACTOR	CH OR CHA TYPE	GROUP	LOAD OF POWER PLANE	TEST POINTS AND DR	SIGNAL DESCRIPTION	ECO NO	
02740	XA218 46	XA218 37	168 9	CK03PO	03	CK034A	01	6	TS8	D1		21A			
02741	XA218 37	XA216 24	168 9	CK03PO	04	CK024A	01	8	TS8	C1		18B			
02742	XA216 24	XA218 18	168 9	CK03PO	05	CK013A	01	2	TD4	B1		13A			
02743	XA218 18	XA218 10	168 9	CK03PO	06	CK014A	01	5	TS8	B1		10A			
02744	XA218 10	XA216 01	168 9	CK03PO	07	CK003A	01	1	TS8	A1		07A			
02745	XA216 01		168 9	CK03PO	08	CK023A	01	3	TD4	A2		02B			
02746	XA217 50	XA216 31	168 9	CK031A	01	CK031A	00	1	TT3	D1		23A	DB29 TO CK03		
02747	XA216 31		168 9	CK031A	02	CK0390	01	4	TD4	C2		15B			
02748	XA217 19	XA216 30	168 9	CK032A	01	CK032A	00	1	TT3	B2		09B	DECR HOLD CK03 SE		
02749	XA216 30		168 9	CK032A	02	CK0390	01	3	TD4	C2		15A			
02750	XA220 60	XA217 18	168 9	CK033A	01	CK033A	00	1	TQ2	E2		28A	DECR INHIBIT CK03		
02751	XA217 18		168 9	CK033A	02	CK032A	01	1	TT3	B2		10A			
02752	XA218 47	XA216 36	168 9	CK034A	01	CK034A	00	1	TS8	D1		25B	DECR SET CK03		
02753	XA216 36		168 9	CK034A	02	CK0390	01	1	TD4	C2		17A			
02754	XA216 33	XA215 34	168 9	CK0390	01	CK0390	00	1	TD4	C2		16B	SET CK03 DATA		
02755	XA215 34		168 9	CK0390	02	CK0381	01	1	TDD	F1		16A			
02756	XA219 75	XA219 70	168 9	CK04BP	01	CT22DA	01	3	TS8	F1		37B			
02757	XA219 70	XA216 61	168 9	CK04BP	02	CKZUCA	01	1	TS8	E1		33A			
02758	XA216 61	XA215 47	168 9	CK04BP	03	CK044A	01	4	TD4	E1		32B			
02759	XA215 47	XA219 37	168 9	CK04BP	04	CK048P	00	1	TDD	GP		25B			
02760	XA219 37	XA219 22	168 9	CK04BP	05	CKZRDA	01	8	TS8	C1		18B			
02761	XA219 22	XA219 04	168 9	CK04BP	06	CKZRCA	01	3	TS8	B1		12A			
02762	XA219 04		168 9	CK04BP	07	CKE1DA	01	4	TS8	A1		04A			
02763	XA302 25	XA302 24	168 9	CK04BQ	01	C603GA	01	2	TQ2	B4		12B			
02764	XA302 24	XA327 05	168 9	CK04BQ	02	C601GA	01	2	TQ2	B1		13A			
02765	XA327 05	XA215 49	168 9	CK04BQ	03	DC30KD	01	2	TLD	A2		03B			
02766	XA215 49	XA217 23	168 9	CK04BQ	04	CK048Q	00	1	TDD	GQ		26B			
02767	XA217 23	XA222 18	168 9	CK04BQ	05	CK042A	01	2	TT3	B3		11B			
02768	XA222 18	XA114 55	168 9	CK04BQ	06	CK04PO	01	2	TQ2	B2		10A			
02769	XA114 55		168 9	CK04BQ	07	E0082A	01	2	TQ2	E3		29B			
02770	XA222 14	XA216 04	168 9	CK04PO	01	CK04PO	00	1	TQ2	B2		09A	CK04BP UNLOAD		
02771	XA216 04	XA218 13	168 9	CK04PO	02	CK023A	01	1	TD4	A2		04A			
02772	XA218 13	XA218 25	168 9	CK04PO	03	CK003A	01	8	TS8	A1		06B			
02773	XA218 25	XA216 22	168 9	CK04PO	04	CK014A	01	8	TS8	B1		12B			
02774	XA216 22	XA218 40	168 9	CK04PO	05	CK013A	01	3	TD4	B1		12A			
02775	XA218 40	XA218 48	168 9	CK04PO	06	CK024A	01	2	TS8	C1		19A			
02776	XA218 48	XA219 54	168 9	CK04PO	07	CK034A	01	5	TS8	D1		22A			
02777	XA219 54	XA220 64	168 9	CK04PO	08	CKZRKA	01	2	TS8	D1		25A			
02778	XA220 64		168 9	CK04PO	09	CK033A	01	1	TQ2	E2		30A			
02779	XA218 62	XA217 43	168 9	CK041A	01	CK0490	01	5	TS8	E1		29A	DB30 TO CK04		
02780	XA217 43		168 9	CK041A	02	CK041A	00	1	TT3	D2		23B			

DRAWING NUMBER		149011-800		STRING		UNIT ASSEMBLY NO		149011		DATE		09-03-82		INDEX		CK041A	
UNIT ASSEMBLY NAME		CARD CAGE ASSY,CPU R.H.														52	
RECORD NUMBER	FROM	TO	WIRE														
	PREFIX	CONNECTOR	PIN	PREFIX	CONNECTOR	PIN	WIRE	WIRE	WIRE	WIRE	WIRE	WIRE	WIRE	WIRE	WIRE	WIRE	WIRE
02781		XA218	64		XA217	27	168	9		CK042A	01	CK0490	01	4	TS8	E1	30A
02782		XA217	27				168	9		CK042A	02	CK042A	00	1	TT3	B3	13B
02783		XA220	63		XA217	25	168	9		CK043A	01	CK043A	00	1	TQ2	E4	33B
02784		XA217	25				168	9		CK043A	02	CK042A	01	3	TT3	B3	12B
02785		XA218	61		XA216	59	168	9		CK044A	01	CK0490	01	8	TS8	E1	32B
02786		XA216	59				168	9		CK044A	02	CK044A	00	1	T04	E1	31B
02787		XA218	59		XA215	54	168	9		CK0490	01	CK0490	00	1	TS8	E1	31B
02788		XA215	54				168	9		CK0490	02	CK0481	01	1	T00	G1	25A
02789		XA302	23		XA217	66	168	9		CK058P	01	C603GA	01	1	TQ2	B4	11B
02790		XA217	66		XA215	45	168	9		CK058P	02	CK0500	01	3	TT3	E1	31A
02791		XA215	45		XA219	36	168	9		CK058P	03	CK058P	00	1	T00	H0	24B
02792		XA219	36		XA219	20	168	9		CK058P	04	CK2RCA	01	4	TS8	C1	17A
02793		XA219	20				168	9		CK058P	05	CK2RCA	01	4	TS8	B1	11A
02794		XA327	08		XA220	77	168	9		CK058Q	01	DC31K0	01	2	TLO	A1	06A
02795		XA220	77		XA219	64	168	9		CK058Q	02	CK05P0	01	2	TQ2	F1	38B
02796		XA219	64		XA215	43	168	9		CK058Q	03	CK2UCA	01	4	TS8	E1	30A
02797		XA215	43		XA219	05	168	9		CK058Q	04	CK058Q	00	1	T00	H0	23B
02798		XA219	05		XA222	10	168	9		CK058Q	05	CKEIDA	01	5	TS8	A1	03B
02799		XA222	10		XA204	70	168	9		CK058Q	06	CK05C0	01	1	TQ2	A1	07A
02800		XA204	70				168	9		CK058Q	07	CK053A	01	1	TQ2	E1	33A
02801		XA220	75		XA219	52	168	9		CK05P0	01	CK05P0	00	1	TQ2	F1	37B
02802		XA219	52		XA204	79	168	9		CK05P0	02	CK2RKA	01	3	TS8	D1	24A
02803		XA204	79				168	9		CK05P0	03	CK054A	01	1	TQ2	F1	39B
02806		XA302	26		XA205	62	168	9		CK05Q0	01	C601GA	01	1	TQ2	B1	14A
02807		XA205	62		XA217	64	168	9		CK05Q0	02	C507JA	01	1	TT3	E2	29A
02808		XA217	64		XA114	79	168	9		CK05Q0	03	CK05Q0	00	1	TT3	E1	30A
02809		XA114	79		XA242	54	168	9		CK05Q0	04	ED092A	01	1	TQ2	F1	39B
02810		XA242	54				168	9		CK05Q0	05	C2109A	01	2	TS8	D1	25A
02811		XA217	51		XA216	43	168	9		CK051A	01	CK051A	00	1	TT3	D3	27B
02812		XA216	43				168	9		CK051A	02	CK0590	01	4	T04	D2	23B
02813		XA216	48		XA212	76	168	9		CK052A	01	CK0590	01	2	T04	D2	22A
02814		XA212	76				168	9		CK052A	02	CK052A	00	1	T04	F1	37A
02815		XA204	66		XA212	75	168	9		CK053A	01	CK053A	00	1	TQ2	E1	31A
02816		XA212	75				168	9		CK053A	02	CK052A	01	3	T04	F1	37B
02817		XA204	75		XA212	78	168	9		CK054A	01	CK054A	00	1	TQ2	F1	37B
02818		XA212	78				168	9		CK054A	02	CK052A	01	4	T04	F1	38A
**** SIGNAL CK0590 IS ON THE NEXT PAGE ****																	

DRAWING NUMBER 149011-800
 UNIT ASSEMBLY NAME CARD CAGE ASSY, CPU R.H.

STPING

UNIT ASSEMBLY NO 149011
 FILE IDENT T39B2CP2

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 SHEET PAGE CK3590 53

RECORD NUMBER	FROM				TO				MULTI GROUP	CODE	COLOR	IDENT	SIGNAL	SEC NO	EQUATION	3 1/2" INCH TYPE	CAT ON P. NO	GROUP	WIRE NO	SIGNAL DESCRIPTION	ECO NO			
	PREFIX	CONNECTOR	PIN	WIRE	PREFIX	CONNECTOR	PIN	WIRE																
02819		XA216	45		XA215	48		168	9			CK0590	01	CK0590	00	1	Y04	D2	24B	SET CK05 DATA				
02820		XA215	48					168	9			CK0590	02	CK0591	01	1	TDD	HI	22A					
02821		XA128	01		XA128	10		168	9			CLCPAB	01	CL01BN	01	1	TDD	BN	02B	CL GATED CLOCK AP				
02822		XA128	10		XA128	14		168	9			CLCPAB	02	CL008N	01	1	TDD	AN	07A	CL GATED CLOCK AP				
02823		XA128	14		XA128	26		168	9			CLCPAB	03	CL03BN	01	1	TDD	DN	09A	CL GATED CLOCK AP				
02824		XA128	26		XA128	30		168	9			CLCPAB	04	CL02BN	01	1	TDD	CN	14A	CL GATED CLOCK AP				
02825		XA128	30		XA128	42		168	9			CLCPAB	05	CL05BN	01	1	TDD	FN	15A	CL GATED CLOCK AP				
02826		XA128	42		XA128	46		168	9			CLCPAB	06	CL04BN	01	1	TDD	EN	20A	CL GATED CLOCK AP				
02827		XA128	46		XA128	56		168	9			CLCPAB	07	CL07BN	01	1	TDD	HN	21A	CL GATED CLOCK AP				
02828		XA128	56		XA128	60		168	9			CLCPAB	08	CL06BN	01	1	TDD	GN	26A	CL GATED CLOCK AP				
02829		XA128	60		XA129	60		168	9			CLCPAB	09	CL09BN	01	1	TDD	KN	28A	CL GATED CLOCK AP				
02830		XA129	60		XA129	70		168	9			CLCPAB	10	CL13BN	01	1	TDD	KN	28A	CL GATED CLOCK AP				
02831		XA129	70		XA128	70		168	9			CLCPAB	11	CL12BN	01	1	TDD	JN	33A	CL GATED CLOCK AP				
02832		XA128	70		XA128	72		168	9			CLCPAB	12	CL08BN	01	1	TDD	JN	33A	CL GATED CLOCK AP				
02833		XA128	72		XA127	74		168	9			CLCPAB	13	CL11BN	01	1	TDD	KN	34A	CL GATED CLOCK AP				
02834		XA127	74		XA127	75		168	9		P	CLCP2A	14	CLCPAB	02	1	TT3	F2	35B					
02835		XA127	75		XA127	80		168	9		P	CLCP1A	15	CLCPAB	01	1	TT3	F1	36B					
02836		XA127	80		XA128	79		168	9		P	CLCP3A	16	CLCPAB	03	1	TT3	F3	39A					
02837		XA128	79		XA129	79		168	9			CLCPAB	17	CL10BN	01	1	TDD	LN	39B	CL GATED CLOCK AP				
02838		XA129	79					168	9			CLCPAB	18	CL14BN	01	1	TDD	LN	39B	CL GATED CLOCK AP				
02839		XA127	75								J	CLCP1A	01	CLCP1A	00	1	TT3	F1	36B	CLCPAB BUSS				
02840		XA127	74								J	CLCP2A	01	CLCP2A	00	1	TT3	F2	35B	CLCPAB BUSS				
02841		XA127	80								J	CLCP3A	01	CLCP3A	00	1	TT3	F3	39A	CLCPAB BUSS				
02842		XA126	60		XA126	57		168	9			CLCQCO	01	CLC2CA	01	2	TT3	E2	28A					
02843		XA126	57		XA126	75		168	9			CLCQCO	02	CLC2DA	01	1	TT3	E3	30B					
02844		XA126	75		XA123	75		168	9			CLCQCO	03	CLC2EA	01	3	TT3	F1	37B					
02845		XA123	75					168	9			CLCQCO	04	CLCQCO	00	1	TQ2	F1	37B	INCR CL OR BTR DB				
02846		XA127	77		XA127	76		168	9			CLCQCO	01	CLCP1A	01	2	TT3	F1	36B					
02847		XA127	76		XA127	65		168	9			CLCQCO	02	CLCP3A	01	2	TT3	F3	37A					
02848		XA127	65		XA121	76		168	9			CLCQCO	03	CLCP2A	01	3	TT3	F2	34B					
02849		XA121	76					168	9			CLCQCO	04	CLCQCO	00	1	YS8	F1	37A	CL CLOCK ENABLE				
02850		XA126	64		XA121	73		168	9			CLC1CA	01	CLC1CA	00	1	TT3	E1	30A	INCR AT STATE FO				
02851		XA121	73					168	9			CLC1CA	02	CLCQCO	01	4	YS8	F1	36B					
02852		XA126	55		XA121	72		168	9			CLC2CA	01	CLC2CA	00	1	TT3	E2	29B	CLK QUAL BY AC00*				
02853		XA121	72					168	9			CLC2CA	02	CLCQCO	01	6	YS8	F1	34A					
02854		XA126	63		XA121	74		168	9			CLC2DA	01	CLC2DA	00	1	TT3	E3	33B	CLK QUAL BY AC2R				
02855		XA121	74					168	9			CLC2DA	02	CLCQCO	01	7	YS8	F1	35B					
02856		XA126	73		XA121	75		168	9			CLC2EA	01	CLC2EA	00	1	TT3	F1	36B	CLK QUAL BY AC2R*				
02857		XA121	75					168	9			CLC2EA	02	CLCQCO	01	3	YS8	F1	37B					
													****	SIGNAL	CLC3CA	IS ON THE NEXT PAGE				****				

DRAWING NUMBER 149011-800
 UNIT ASSEMBLY NAME CARD CAGE ASSY,CPU R.H.

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 FILE IDENT T3982CP2
 REV D INDEX CLC3CA
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RECORD NUMBER	FROM				TO				WVF	SIGNAL	SFD NO	EQUATION	T	FACTOR	CHK OR CHIP TYPE	PROP	LOAD OR POWER PLANE	TEST POINTS AND/OR	SIGNAL DESCRIPTION	ECO NO	
	PREFIX	CONNECTOR	PIN	WVF	PREFIX	CONNECTOR	PIN	WVF													
02858		XA126	74																		
02859		XA121	71																		
02860		XA126	80																		
02861		XA121	79																		
02862		XA123	72																		
02863		XA121	78																		
02864		XA123	73																		
02865		XA202	59																		
02866		XA123	69																		
02867		XA121	77																		
02868		XA122	55																		
02869		XA122	64																		
02870		XA326	29																		
02871		XA326	37																		
02872		XA326	36																		
02873		XA326	42																		
02874		XA326	43																		
02875		XA326	43																		
02876		XA326	50																		
02877		XA326	45																		
02878		XA122	64																		
02879		XA122	55																		
02880		XA327	24																		
02881		XA327	20																		
02882		XA326	23																		
02883		XA326	19																		
02884		XA328	13																		
02885		XA328	04																		
02886		XA328	03																		
02887		XA120	69																		
02888		XA123	79																		
02889		XA122	79																		
02890		XA122	72																		
02891		XA120	76																		
02892		XA122	74																		
02893		XA122	73																		
02894		XA124	79																		
02895		XA124	73																		
02896		XA123	71																		
02897		XA124	74																		
										****	SIGNAL (CLDBTB)	IS ON THE NEXT PAGE ****									

DRAWING NUMBER		149011-800		STRING		UNIT ASSEMBLY NO		149011		REV D		INDEX		CLDBTB	
UNIT ASSEMBLY NAME		CARD CAGE ASSY,CPU R.H.		FILE IDENT		T39B2CP2		DATE		09-03-82		PAGE		55	
RECORD NUMBER	PREFIX	CONNECTOR	PIN	PIN	WIRE	GROUP	CODE	COL. IN	IDENT	SIGNAL	SEQ NO	EQUATION	TEST POINTS AND SP	SIGNAL DESCRIPTION	ECO NO
02898		XA124	29	XA124	34		168 9			CLDBTB	07	CL021A	01 1 TQ2 C3	14B	TRANSFER DBL TO C
02899		XA124	34	XA124	35		168 9			CLDBTB	08	CL011A	01 2 TQ2 C2	16A	TRANSFER DBL TO C
02900		XA124	35	XA124	41		168 9			CLDBTB	09	CL031A	01 1 TQ2 C4	17B	TRANSFER DBL TO C
02901		XA124	41	XA124	40		168 9			CLDBTB	10	CL061A	01 1 TQ2 O3	22B	TRANSFER DBL TO C
02902		XA124	40	XA124	48		168 9			CLDBTB	11	CL001A	01 2 TQ2 C1	19A	TRANSFER DBL TO C
02903		XA124	48	XA124	47		168 9			CLDBTB	12	CL051A	01 2 TQ2 D2	22A	TRANSFER DBL TO C
02904		XA124	47	XA124	54		168 9			CLDBTB	13	CL071A	01 1 TQ2 D4	25B	TRANSFER DBL TO C
02905		XA124	54	XA124	62		168 9			CLDBTB	14	CL041A	01 2 TQ2 D1	25A	TRANSFER DBL TO C
02906		XA124	62	XA124	55		168 9			CLDBTB	15	CL091A	01 2 TQ2 E2	29A	TRANSFER DBL TO C
02907		XA124	55	XA124	61		168 9			CLDBTB	16	CL101A	01 2 TQ2 E3	29B	TRANSFER DBL TO C
02908		XA124	61	XA124	68		168 9			CLDBTB	17	CL111A	01 2 TQ2 E4	32B	TRANSFER DBL TO C
02909		XA124	68	XA126	65		168 9			CLDBTB	18	CL081A	01 2 TQ2 E1	32A	TRANSFER DBL TO C
02910		XA126	65	XA126	69		168 9			CLDBTB	19	CLC3CA	01 3 TT3 F2	34B	TRANSFER DBL TO C
02911		XA126	69				168 9			CLDBTB	20	CLC3DA	01 1 TT3 F3	35A	TRANSFER DBL TO C
02912		XA122	73							J CLDBUJ	01	CLDBUJ	00 1 TT3 F1	36B	CLDBTB BUSS
02913		XA122	74							J CLDBVJ	01	CLDBVJ	00 1 TT3 F2	35B	CLDBTB BUSS
02914		XA123	52	XA120	74		168 9			CLDGLA	01	CLDGLA	00 1 TQ2 D1	24A	(GA=0).(BLO GR243
02915		XA120	74				168 9			CLDGLA	02	CLDBNO	01 4 TQ4 F2	35B	
02916		XA527	18	XA527	04		168 9			CLDGNA	01	CNDBP0	01 2 TQ2 B2	10A	
02917		XA527	04	XA529	05		168 9			CLDGNA	02	CNDBR0	01 1 TQ2 A2	04A	
02918		XA529	05	XA123	46		168 9			CLDGNA	03	CNDBQ0	01 2 TQ2 A2	03B	
02919		XA123	46				168 9			CLDGNA	04	CLDGNA	00 1 TQ2 D2	21A	(GA=0).(BLO G001
02922		XA123	45	XA122	62		168 9			CLDGPA	01	CLDGPA	00 1 TQ2 D3	24B	(GA=0).(BLO GR163
02923		XA122	62	XA122	66		168 9			CLDGPA	02	CLDBN0	01 1 TT3 E2	29A	
02924		XA122	66	XA120	72		168 9			CLDGPA	03	CLDBL0	01 3 TT3 E1	31A	
02925		XA120	72				168 9			CLDGPA	04	CLDBN0	01 3 TQ4 F2	34A	
02926		XA527	24	XA531	08		168 9			CLDGRA	01	CNDBN0	01 2 TQ2 B1	13A	
02927		XA531	08	XA531	04		168 9			CLDGRA	02	CNDBL0	01 2 TQ2 A1	06A	
02928		XA531	04	XA120	73		168 9			CLDGRA	03	CNDBN0	01 1 TQ2 A2	04A	
02929		XA120	73	XA122	68		168 9			CLDGRA	04	CLDBN0	01 1 TQ4 F2	36B	
02930		XA122	68	XA122	53		168 9			CLDGRA	05	CLDBL0	01 2 TT3 E1	32A	
02931		XA122	53	XA123	51		168 9			CLDGRA	06	CLDBN0	01 3 TT3 E2	28B	
02932		XA123	51				168 9			CLDGRA	07	CLDGRA	00 1 TQ2 D4	27B	(GA=0).(BLO G003
02935		XA530	22	XA531	07		168 9			CLDGTA	01	CNDBX0	01 3 TT3 B1	12A	
02936		XA531	07	XA529	07		168 9			CLDGTA	02	CNDBU0	01 2 TQ2 A3	03A	
02937		XA529	07	XA202	64		168 9			CLDGTA	03	CNDBY0	01 2 TQ2 A3	03A	
02938		XA202	64	XA122	75		168 9			CLDGTA	04	CLC4E0	01 4 TS8 E1	30A	
02939		XA122	75	XA122	65		168 9			CLDGTA	05	CLDBU0	01 3 TT3 F1	37B	
02940		XA122	65	XA123	66		168 9			CLDGTA	06	CLDBV0	01 3 TT3 F2	34B	
02941		XA123	66				168 9			CLDGTA	07	CLDGTA	00 1 TQ2 E1	31A	(GA=0).(BTR DB003
02944		XA202	66	XA122	77		168 9			CLDGUA	01	CLC4E0	01 3 TS8 E1	31A	
02945		XA122	77	XA122	71		168 9			CLDGUA	02	CLDBU0	01 2 TT3 F1	38B	
										**** SIGNAL	CLDGUA	IS ON THE	NEXT PAGE	****	

DRAWING NUMBER 149011-800
 UNIT ASSEMBLY NAME CARD CAGE ASSY,CPU R.H.

STRING

UNIT ASSEMBLY NO 149011
 PART IDENTIF T39B2CP2
 REV D
 DATE 09-03-82
 CHECK PAGE CLDGUA
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RECORD NUMBER	FROM				TO				WIRE	SIGNAL	SIG NO	QUANTITY	CIRCUIT	TEST POINTS	SIGNAL DESCRIPTION	TCO NO
	PREFIX	CONNECTOR	PIN	WIRE NO	PREFIX	CONNECTOR	PIN	WIRE NO								
02946		XA122	71		XA123	60		168 9	CLDGUA	03	CLDBVO	01 1 TT3 F2		38A		
02947		XA123	60					168 9	CLDGUA	04	CLOGUA	00 1 TQ2 E2		28A	(GA=0).(BTRDB1631)	
02948		XA530	24		XA531	13		168 9	CLOGVA	01	CNDBX0	01 2 TT3 B1		13A		
02949		XA531	13		XA529	11		168 9	CLOGVA	02	CNDBW0	01 2 TQ2 A4		08B		
02950		XA529	11		XA123	57		168 9	CLOGVA	03	CNDRV0	01 1 TQ2 A4		05B		
02951		XA123	57					168 9	CLOGVA	04	CLOGVA	00 1 TQ2 E3		30B	(GA=0).(BTR DB163)	
02954		XA530	26		XA531	03		168 9	CLOGWA	01	CNDBX0	01 1 TT3 B1		14A		
02955		XA531	03		XA529	03		168 9	CLOGWA	02	CNDBU0	01 1 TQ2 A3		02A		
02956		XA529	03		XA123	63		168 9	CLOGWA	03	CNDBT0	01 1 TQ2 A3		02A		
02957		XA123	63					168 9	CLOGWA	04	CLOGWA	00 1 TQ2 E4		33B	(GA=0).(BTR DB001)	
02960		XA124	07		XA124	05		168 9	CLMODA	01	CLM0G0	01 2 TQ2 A3		03A		
02961		XA124	05		XA124	13		168 9	CLMODA	02	CLM0F0	01 2 TQ2 A2		03B		
02962		XA124	13		XA124	10		168 9	CLMODA	03	CLM0H0	01 2 TQ2 A4		06B		
02963		XA124	10		XA120	59		168 9	CLMODA	04	CLM0E0	01 1 TQ2 A1		07A		
02964		XA120	59		XA123	77		168 9	CLMODA	05	CLMODA	00 1 TD4 E1		31B	MOD +00002CL0014	
02965		XA123	77					168 9	CLMODA	06	CLM0C0	01 2 TQ2 F1		38B		
02966		XA124	01		XA124	06		168 9	P	CLM0F0	01	CLM0DB	02 1 TQ2 A2	02B		
02967		XA124	06		XA124	09		168 9	P	CLM0E0	02	CLM0DB	01 1 TQ2 A1	05A		
02968		XA124	09		XA124	15		168 9	P	CLM0G0	03	CLM0DB	03 1 TQ2 A3	04B		
02969		XA124	15		XA126	66		168 9	P	CLM0H0	04	CLM0DB	04 1 TQ2 A4	07B		
02970		XA126	66		XA125	75		168 9		CLM0DB	05	CLC1A	01 3 TT3 E1	31A	INCREMENT CL OPOL	
02971		XA125	75		XA125	71		168 9		CLM0DB	06	CL102A	01 3 TT3 F1	37B	INCREMENT CL OPOL	
02972		XA125	71		XA125	70		168 9		CLM0DB	07	CL103A	01 1 TT3 F2	36A	INCREMENT CL OPOL	
02973		XA125	70		XA123	74		168 9		CLM0DB	08	CL092A	01 1 TT3 E1	33A	INCREMENT CL OPOL	
02974		XA123	74		XA122	47		168 9		CLM0DB	09	CLC5JA	01 2 TQ2 F3	35B		
02975		XA122	47		XA122	52		168 9		CLM0DB	10	CL142A	01 2 TT3 D3	25B	INCREMENT CL OPOL	
02976		XA122	52		XA122	46		168 9		CLM0DB	11	CL132A	01 3 TT3 D1	24A	INCREMENT CL OPOL	
02977		XA122	46		XA122	38		168 9		CLM0DB	12	CL133A	01 2 TT3 D2	21A	INCREMENT CL OPOL	
02978		XA122	38		XA122	33		168 9		CLM0DB	13	CL113A	01 3 TT3 C1	18A	INCREMENT CL OPOL	
02979		XA122	33		XA122	29		168 9		CLM0DB	14	CL123A	01 1 TT3 C3	16B	INCREMENT CL OPOL	
02980		XA122	29		XA122	25		168 9		CLM0DB	15	CL122A	01 3 TT3 C2	14B	INCREMENT CL OPOL	
02981		XA122	25		XA126	03		168 9		CLM0DB	16	CL112A	01 3 TT3 B3	12B	INCREMENT CL OPOL	
02982		XA126	03		XA125	03		168 9		CLM0DB	17	CL003A	01 3 TT3 A2	02A	INCREMENT CL OPOL	
02983		XA125	03		XA125	06		168 9		CLM0DB	18	CL013A	01 3 TT3 A2	02A	INCREMENT CL OPOL	
02984		XA125	06		XA126	10		168 9		CLM0DB	19	CL012A	01 3 TT3 A1	05A	INCREMENT CL OPOL	
02985		XA126	10		XA126	14		168 9		CLM0DB	20	CL002A	01 1 TT3 A1	07A	INCREMENT CL OPOL	
02986		XA126	14		XA126	23		168 9		CLM0DB	21	CL023A	01 2 TT3 B2	09A	INCREMENT CL OPOL	
02987		XA126	23		XA125	25		168 9		CLM0DB	22	CL033A	01 2 TT3 B3	11B	INCREMENT CL OPOL	
02988		XA125	25		XA125	30		168 9		CLM0DB	23	CL072A	01 3 TT3 B3	12B	INCREMENT CL OPOL	
02989		XA125	30		XA125	26		168 9		CLM0DB	24	CL053A	01 2 TT3 C2	15A	INCREMENT CL OPOL	
02990		XA125	26		XA126	26		168 9		CLM0DB	25	CL032A	01 1 TT3 B1	14A	INCREMENT CL OPOL	
02991		XA126	26		XA126	30		168 9		CLM0DB	26	CL022A	01 1 TT3 B1	14A	INCREMENT CL OPOL	
02992		XA126	30		XA126	42		168 9		CLM0DB	27	CL043A	01 2 TT3 C2	15A	INCREMENT CL OPOL	
02993		XA126	42		XA126	41		168 9		CLM0DB	28	CL042A	01 1 TT3 C1	20A	INCREMENT CL OPOL	
02994		XA126	41		XA125	40		168 9		CLM0DB	29	CL063A	01 3 TT3 D2	22B	INCREMENT CL OPOL	
02995		XA125	40		XA125	46		168 9		CLM0DB	30	CL052A	01 2 TT3 C1	19A	INCREMENT CL OPOL	
**** SIGNAL (CLMODB) IS ON THE NEXT PAGE ****																

DRAWING NUMBER		149011-800		STRING		UNIT ASSEMBLY NO		149011		REF ID		DATE		PAGE		CLM00B														
UNIT ASSEMBLY NAME				CARD CAGE ASSY, CPU R.H.				FILE CONT				T3982CP2				09-03-82				57										
RECORD NUMBER	PREFIX	CONNECTOR	PIN	PREFIX	CONNECTOR	PIN	MULTI GROUP	CODE	COLOR	WIRE	SIGNAL	SEC NO	ECU TION	WIRE NO	WIRE TYPE	WIRE COLOR	WIRE SIZE	WIRE LENGTH	WIRE WEIGHT	WIRE AREA	WIRE VOLUME	WIRE RESISTANCE	WIRE CAPACITANCE	WIRE INDUCTANCE	WIRE QUALITY	WIRE TOLERANCE	WIRE NOTES	SIGNAL DESCRIPTION	ECO NO	
02996		XA125	46		XA125	47		168	9		CLM00B	31	CL083A	01	2	TT3	02										21A	INCREMENT CL OPOL		
02997		XA125	47		XA125	60		168	9		CLM00B	32	CL073A	01	2	TT3	03										25B	INCREMENT CL OPOL		
02998		XA125	60		XA125	56		168	9		CLM00B	33	CL093A	01	2	TT3	E2										28A	INCREMENT CL OPOL		
02999		XA125	56		XA126	56		168	9		CLM00B	34	CL082A	01	1	TT3	01										26A	INCREMENT CL OPOL		
03000		XA126	56					168	9		CLM00B	35	CL062A	01	1	TT3	01										26A	INCREMENT CL OPOL		
03001		XA124	06							J	CLM0E0	01	CLM0E0	00	1	TQ2	A1										05A	CLM00B BUSS		
03002		XA124	01							J	CLM0F0	01	CLM0F0	00	1	TQ2	A2											02B	CLM00B BUSS	
03003		XA124	09							J	CLM0G0	01	CLM0G0	00	1	TQ2	A3											04B	CLM00B BUSS	
03004		XA124	15							J	CLM0H0	01	CLM0H0	00	1	TQ2	A4											07B	CLM00B BUSS	
03005		XA122	69		XA120	57		168	9		CLSPAA	01	C522U0	01	1	TT3	F3											39A		
03006		XA120	57					168	9		CLSPAA	02	CLSPAA	00	1	TD4	E2											30B		
03007		XA123	76		XA121	59		168	9		CLUBZA	01	CLUBZ0	01	1	TQ2	F4											37A		
03008		XA121	59					168	9		CLUBZA	02	CLUBZA	00	1	TS8	E1											31B		
03009		XA123	80		XA120	62		168	9		CLUBZ0	01	CLUBZ0	00	1	TQ2	F4											39A	CL UPPER BYTE=ZER	
03010		XA120	62					168	9		CLUBZ0	02	CLSPAA	01	2	TD4	E2											29A		
22250		XA351	73		XA348	01	AB	1E8	9		CLOCKB	01																EXT		
03012		XA348	01		XA348	14		168	9	P	CTNK10	02	CLOCKB	01	1	TQ2	A2											02B		
03013		XA348	14		XA348	30		168	9	P	CTNK20	03	CLOCKB	02	1	TQ2	B2											09A		
03014		XA348	30		XA348	45		168	9	P	CTNK30	04	CLOCKB	03	1	TQ2	C2											15A		
03015		XA348	45					168	9	P	CTNK40	05	CLOCKB	04	1	TQ2	D3											24B		
22251		XA351	74		XA348	02	AB	1E8	0		CLOCKG	01																EXT		
23420		XA348	02				AB	1E8	0		CLJCKG	02																TQ2	01A	
23006		XA348	06		XA111	07		168	9		CLOCLB	00																TQ2	A1	05A
03030		XA111	07		XA211	04		168	9		CLOCLB	00A	EDCPSA	01	2	TQ2	A3												03A	
03031		XA211	04		XA211	07		168	9		CLOCLB	00B	CSCPDA	01	1	TQ2	A2												04A	
03032		XA211	07		XA211	08		168	9		CLOCLB	00C	CSCPEA	01	2	TQ2	A3												03A	
03018		XA211	08		XA216	13		168	9		CLOCLB	01	CSCPCA	01	2	TQ2	A1												06A	
03023		XA216	13		XA115	79		168	9		CLOCLB	02	CKCPOA	01	4	TD4	A1											06B	CKCPOA 014	
03022		XA115	79		XA115	78		168	9		CLOCLB	03	EBCPSA	01	1	TQ2	F1												39B	
03021		XA115	78		XA115	71		168	9		CLOCLB	04	EDCPFA	01	2	TQ2	F4												38A	
03020		XA115	71		XA115	65		168	9		CLOCLB	05	EDCPDA	01	2	TQ2	F2												36A	
03019		XA115	65		XA127	69		168	9		CLOCLB	06	EDCPEA	01	1	TQ2	F3												34B	
03024		XA127	69		XA127	71		168	9		CLOCLB	07	CLCP3A	01	1	TT3	F3												35A	
03025		XA127	71		XA127	75		168	9		CLOCLB	08	CLCP2A	01	1	TT3	F2												36A	
03026		XA127	75		XA131	76		168	9		CLOCLB	09	CLCP1A	01	3	TT3	F1												37B	
03027		XA131	76		XA131	77		168	9		CLOCLB	10	CR14RA	01	1	TQ2	F4												37A	
03028		XA131	77		XA132	78		168	9		CLOCLB	11	CRCP0A	01	2	TQ2	F1												38B	
03029		XA132	78		XA135	65		168	9		CLOCLB	12	CR11CA	01	3	TT3	F3												38A	
03051		XA135	65	3	XA348	06	3	168	9		CLOCLB	13	CRCPXA	01	1	TQ2	F3												34B	
03052		XA348	06	1	XA348	21	1	168	9	P	CTNL10	14	CLOCLB	01	1	TQ2	A1												05A	
**** SIGNAL (CLOCLB) IS ON THE NEXT PAGE ****																														

DRAWING NUMBER 149011-800
 UNIT ASSEMBLY NAME CARD CAGE ASSY,CPU R.H.

STRING

UNIT ASSEMBLY NO 149011
 FILE IDENT T3982CP2

REV D
 DATE 09-03-82

INDEX CLOCLB
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RECORD NUMBER	FROM				TO				WIRE			SIGNAL	SFC NO	EQUATION	Z	B	CKT OR CHIP TYPE	PROP	LOAD OR POWER PLANE	TEST POINTS AND/OR	SIGNAL DESCRIPTION	ECO NO
	PREFIX	CONNECTOR	PIN	WIRE NO	PREFIX	CONNECTOR	PIN	WIRE NO	GROUP	CODE	COLOR											
03053		XA348	21	2	XA348	33	2	168	9		P	CTNL20	15	CLOCLB	02	1	TQ2	B3		108		
03054		XA348	33	1	XA348	46	1	168	9		P	CTNL30	16	CLOCLB	03	1	TQ2	G3		168		
03055		XA348	46		XA430	79		168	9		P	CTNL40	17	CLOCLB	04	1	TQ2	D2		21A		
03056		XA430	79		XA430	65		168	9			CLOCLB	18	CCCPDA	01	1	TQ2	F1		398		
03043		XA430	65		XA430	71		168	9			CLOCLB	19	CCCPFA	01	1	TQ2	F3		348		
03044		XA430	71		XA429	78		168	9			CLOCLB	20	CCCPFA	01	2	TQ2	F2		36A		
03046		XA429	78		XA526	05		168	9			CLOCLB	21	CMCP1A	01	2	TQ4	F1		38A		
03047		XA526	05		XA526	06		168	9			CLOCLB	22	CNCP1A	01	1	TT3	A2		03B		
03048		XA526	06		XA526	09		168	9			CLOCLB	23	CNCP0A	01	3	TT3	A1		05A		
03041		XA526	09		XA516	24		168	9			CLOCLB	24	CNCP2A	01	1	TT3	A3		04B		
03077		XA516	24		XA516	20		168	9			CLOCLB	25	PTCP2A	01	2	TQ2	B1		13A		
03076		XA516	20		XA516	10		168	9			CLOCLB	26	PTCP4A	01	1	TQ2	B2		11A		
03075		XA516	10		XA515	10		168	9			CLOCLB	27	PQCP0A	01	1	TQ2	A1		07A		
03074		XA515	10		XA515	11		168	9			CLOCLB	28	PLCP0A	01	1	TT3	A1		07A		
03073		XA515	11		XA516	11		168	9			CLOCLB	29	PQCP6A	01	2	TT3	A3		05B		
03072		XA516	11		XA516	07		168	9			CLOCLB	30	PTCP0A	01	1	TQ2	A4		05B		
03071		XA516	07		XA516	05		168	9			CLOCLB	31	PQCP8A	01	2	TQ2	A3		03A		
03070		XA516	05		XA515	03		168	9			CLOCLB	32	PQCP7A	01	2	TQ2	A2		03B		
03069		XA515	03		XA410	77		168	9			CLOCLB	33	PLCP2A	01	3	TT3	A2		02A		
03040		XA410	77		XA410	73		168	9			CLOCLB	34	CMCP8A	01	2	TQ2	F1		38B		
03039		XA410	73		XA410	70		168	9			CLOCLB	35	CMCP9A	01	1	TQ2	F2		36B		
03038		XA410	70		XA410	64		168	9			CLOCLB	36	CMCP3A	01	1	TQ2	E1		33A		
03037		XA410	64		XA410	55		168	9			CLOCLB	37	CMCP4A	01	1	TQ2	E2		30A		
03036		XA410	55		XA501	43		168	9			CLOCLB	38	CMCP5A	01	2	TQ2	E3		29B		
18699		XA501	43	3	XA348	46	3	168	9			CLOCLB	39	PLCP1A	01	2	TQ2	D3		23B		
23007		XA348	46					168	9			CLOCLB	40				TQ2	D2		21A		
03078		XA348	09		XA348	22		168	9		P	CTNM10	10	CLOCMB	01	1	TQ2	A3		04B		
03079		XA348	22		XA348	38		168	9		P	CTNM20	11	CLOCMB	02	1	TQ2	B1		12A		
03080		XA348	38		XA348	51		168	9		P	CTNM30	12	CLOCMB	03	1	TQ2	C1		18A		
03081		XA348	51		XA351	75		AA	1E8	9	P	CTNM40	13	CLOCMB	04	1	TQ2	D4		27B		
22252		XA351	75					AA	1E8	9		CLOCMB	14				EXT					
23032		XA348	44		XA351	76		AA	1E8	0		CLOCMB	01				TQ2			21B		
22253		XA351	76					AA	1E8	0		CLOCMB	02				EXT					
03089		XA128	11		XA126	08		168	9			CLO0BP	01	CLO0BP	00	1	TDD	AP		05B		
03090		XA126	08		XA121	61		168	9			CLO0BP	02	CLO02A	01	2	TT3	A1		06A		
03091		XA121	61					168	9			CLO0BP	03	CLUB2A	01	8	YS8	E1		32B		
03092		XA126	47		XA128	13		168	9			CLO0BQ	01	DC16LD	01	1	TDD	D4		25B		
03093		XA128	13		XA126	01		168	9			CLO0BQ	02	CLO0BQ	00	1	TDD	AQ		06B		
03094		XA126	01					168	9			CLO0BQ	03	CLO03A	01	2	TT3	A2		02B		
03095		XA127	10		XA124	38		168	9			CLO01A	01	CLO090	01	1	TT3	A1		07A		
03096		XA124	38					168	9			CLO01A	02	CLO01A	00	1	TQ2	C1		18A	DB16 TO CLO0	
03097		XA127	08		XA126	04		168	9			CLO02A	01	CLO090	01	2	TT3	A1		06A		
03098		XA126	04					168	9			CLO02A	02	CLO02A	00	1	TT3	A1		04A	INCR SET CLO0	
**** SIGNAL (CLO03A) IS ON THE NEXT PAGE ****																						

DRAWING NUMBER 149011-800
 UNIT ASSEMBLY NAME CARD CAGE ASSY, CPU R.H.

STRING

UNIT ASSEMBLY NO 149011
 FILE IDENT T3982CP2

REV D DATE 09-03-82

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RECORD NUMBER	FROM				TO				WIRE	MULTI GROUP	CODE	CO. IN	DENT	SIGNAL	SEQ NO	EQUATION	X TR	FACTORY	CKT ON CHIP TYPE	GROUP	LOAD OF POWER PLANE	TEST POINTS AND/OR	SIGNAL DESCRIPTION	ECO NO
	PREF. #	CONNECTOR	PIN	WIRE	PREF. #	CONNECTOR	PIN	WIRE																
03099		XA127	06		XA126	07		168 9					CL003A	01	CL0090	01 3	TT3	A1		05A				
03100		XA126	07					168 9					CL003A	02	CL003A	00 1	TT3	A2		03A		INCR HOLD CLOO		
03101		XA126	05		XA125	15		168 9					CL004A	01	CL003A	01 1	TT3	A2		03B				
03102		XA125	15		XA124	24		168 9					CL004A	02	CL004A	03 1	TT3	A3		07B		LOG PRODUCT CLO1		
03103		XA124	24					168 9					CL004A	03	CL0040	01 2	TQ2	B1		13A				
03104		XA126	06		XA124	22		168 9					CL0040	01	CL002A	01 3	TT3	A1		05A				
03105		XA124	22					168 9					CL0040	02	CL0040	00 1	TQ2	B1		12A				
03106		XA128	08		XA127	04		168 9					CL0090	01	CL0081	01 1	TDD	A1		06A				
03107		XA127	04					168 9					CL0090	02	CL0090	03 1	TT3	A1		04A		SET CLOO DATA		
03110		XA128	09		XA125	10		168 9					CL018P	01	CL018P	00 1	TDD	BP		04B				
03111		XA125	10		XA121	70		168 9					CL018P	02	CL012A	01 1	TT3	A1		07A				
03112		XA121	70					168 9					CL018P	03	CLUBZA	01 1	TS8	E1		33A				
03113		XA326	41		XA125	13		168 9					CL018Q	01	DC17LD	01 1	TLD	D3		22B				
03114		XA125	13		XA125	01		168 9					CL018Q	02	CL004A	01 3	TT3	A3		06B				
03115		XA125	01		XA128	07		168 9					CL018Q	03	CL013A	01 2	TT3	A2		02B				
03116		XA128	07					168 9					CL018Q	04	CL018Q	00 1	TDD	BQ		03A				
03117		XA127	05		XA124	30		168 9					CL011A	01	CL0190	01 1	TT3	A2		05B				
03118		XA124	30					168 9					CL011A	02	CL011A	03 1	TQ2	C2		15A		DB17 TO CLO1		
03119		XA127	01		XA125	04		168 9					CL012A	01	CL0190	01 2	TT3	A2		02B				
03120		XA125	04					168 9					CL012A	02	CL012A	00 1	TT3	A1		04A		INCR SET CLO1		
03121		XA127	03		XA125	07		168 9					CL013A	01	CL0190	01 3	TT3	A2		02A				
03122		XA125	07					168 9					CL013A	02	CL013A	03 1	TT3	A2		03A		INCR HOLD CLO1		
03123		XA126	15		XA125	05		168 9					CL014A	01	CL014A	00 1	TT3	A3		07B		LOG PROD CLO2 THR		
03124		XA125	05		XA123	08		168 9					CL014A	02	CL013A	01 1	TT3	A2		03B				
03125		XA123	08					168 9					CL014A	03	CL0140	01 2	TQ2	A1		06A				
03126		XA125	08		XA123	06		168 9					CL0140	01	CL012A	01 2	TT3	A1		06A				
03127		XA123	06					168 9					CL0140	02	CL0140	00 1	TQ2	A1		05A				
03128		XA128	05		XA127	07		168 9					CL0190	01	CL0181	01 1	TDD	B1		03B				
03129		XA127	07					168 9					CL0190	02	CL0190	00 1	TT3	A2		03A		SET CLO1 DATA		
03132		XA128	23		XA126	24		168 9					CL028P	01	CL028P	00 1	TDD	CP		11B				
03133		XA126	24		XA121	60		168 9					CL028P	02	CL022A	01 2	TT3	B1		13A				
03134		XA121	60					168 9					CL028P	03	CLUBZA	01 6	TS8	E1		28A				
03135		XA326	48		XA128	25		168 9					CL028Q	01	DC18LD	01 2	TLD	D2		22A				
03136		XA128	25		XA126	17		168 9					CL028Q	02	CL028Q	00 1	TDD	CQ		12B				
03137		XA126	17		XA126	13		168 9					CL028Q	03	CL023A	01 3	TT3	B2		08B				
03138		XA126	13		XA125	09		168 9					CL028Q	04	CL014A	01 3	TT3	A3		04B				
03139		XA125	09					168 9					CL028Q	05	CL004A	01 1	TT3	A3		04B				

DRAWING NUMBER 149011-800
 UNIT ASSEMBLY NAME CARD CAGE ASSY,CPU R.H.

STRING

UNIT ASSEMBLY NO 149011
 PART IDENT T3982CP2

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RECORD NUMBER	FROM				TO				MULTI GROUP	CODE	COLOR	DENT	SIGNAL	SIG NO	QUANTITY	3	2	1	W	D	L	P	S	TEST POINTS	SIGNAL DESCRIPTION	PCO NO
	PREFIX	CONNECTOR	PIN	C/S	PREFIX	CONNECTOR	PIN	C/S																		
03140		XA127	11		XA124	33			168	9			CL021A	01	CL0290	01	2	TT3	A3				05B			
03141		XA124	33						168	9			CL021A	02	CL021A	00	1	TQ2	C3				16B	DB18 TO CL02		
03142		XA127	13		XA126	20			168	9			CL022A	01	CL0290	01	3	TT3	A3				06B			
03143		XA126	20						168	9			CL022A	02	CL022A	00	1	TT3	B1				11A	INCR SET CL02		
03144		XA127	09		XA126	19			168	9			CL023A	01	CL0290	01	1	TT3	A3				04B			
03145		XA126	19						168	9			CL023A	02	CL023A	00	1	TT3	B2				09B	INCR HOLD CL02		
03146		XA126	18		XA125	19			168	9			CL024A	01	CL023A	01	1	TT3	B2				10A			
03147		XA125	19		XA124	18			168	9			CL024A	02	CL024A	00	1	TT3	B2				09B	LOG PROD CL03 THR		
03148		XA124	18						168	9			CL024A	03	CL0240	01	2	TQ2	B2				10A			
03149		XA126	22		XA124	14			168	9			CL0240	01	CL022A	01	3	TT3	B1				12A			
03150		XA124	14		XA125	11			168	9			CL0240	02	CL0240	00	1	TQ2	B2				09A			
03151		XA125	11		XA126	11			168	9			CL0240	03	CL004A	01	2	TT3	A3				05B			
03152		XA126	11						168	9			CL0240	04	CL014A	01	2	TT3	A3				05B			
03153		XA123	04		XA120	23			168	9			CL025A	01	CL0250	01	1	TQ2	A2				04A			
03154		XA120	23						168	9			CL025A	02	CL025A	00	1	TQ4	B1				11B	LOG PROD CL03 THR		
03155		XA125	14		XA123	01			168	9			CL0250	01	CL024A	01	2	TT3	B2				09A			
03156		XA123	01						168	9			CL0250	02	CL0250	00	1	TQ2	A2				02B			
03157		XA128	24		XA127	15			168	9			CL0290	01	CL028T	01	1	TQ0	CT				13A			
03158		XA127	15						168	9			CL0290	02	CL0290	00	1	TT3	A3				07B	SET CL02 DATA		
03161		XA128	21		XA125	24			168	9			CL038P	01	CL038P	00	1	TQ0	DP				10B			
03162		XA123	24		XA121	68			168	9			CL038P	02	CL032A	01	2	TT3	B1				13A			
03163		XA121	68						168	9			CL038P	03	CL087A	01	2	TS8	E1				32A			
03164		XA326	54		XA120	25			168	9			CL038Q	01	DC19LD	01	2	TLD	O1				25A			
03165		XA120	25		XA126	21			168	9			CL038Q	02	CL025A	01	4	TQ4	B1				12B			
03166		XA126	21		XA128	19			168	9			CL038Q	03	CL033A	01	1	TT3	B3				10B			
03167		XA128	19						168	9			CL038Q	04	CL038Q	00	1	TQ0	DQ				09B			
03168		XA127	26		XA124	39			168	9			CL031A	01	CL0390	01	1	TT3	B1				14A			
03169		XA124	39						168	9			CL031A	02	CL031A	00	1	TQ2	C4				19B	DB19 TO CL03		
03170		XA127	22		XA125	20			168	9			CL032A	01	CL0390	01	3	TT3	B1				12A			
03171		XA125	20						168	9			CL032A	02	CL032A	00	1	TT3	B1				11A	INCR SET CL03		
03172		XA127	24		XA126	27			168	9			CL033A	01	CL0390	01	2	TT3	B1				13A			
03173		XA126	27						168	9			CL033A	02	CL033A	00	1	TT3	B3				13B	INCR HOLD CL03		
03174		XA126	25		XA123	07			168	9			CL034A	01	CL033A	01	3	TT3	B3				12B			
03175		XA123	07		XA120	21			168	9			CL034A	02	CL0340	01	2	TQ2	A3				03A			
03176		XA120	21						168	9			CL034A	03	CL034A	00	1	TQ4	B2				10B	LOG PROD CL04 THR		

DRAWING NUMBER		149011-800		STRING		UNIT ASSEMBLY NO		149011		D		CL034A				
UNIT ASSEMBLY NAME		CARD CAGE ASSY,CPU R.H.		FILE IDENT		T3982CP2		09-03-82		PAGE		61				
RECORD NUMBER	PREFIX	CONNECTOR	PIN	PREFIX	CONNECTOR	PIN	MULTI GROUP	CODE	COLOR	IDENT	SIGNAL	SEC NO	EQUATION	TEST POINTS	SIGNAL DESCRIPTION	EQ NO
03177		XA125	22								CL0340	01	CL032A	12A		
03178		XA123	09		XA123	09		168	9		CL0340	02	CL0340	04B		
03179		XA128	18		XA127	20		168	9		CL0390	01	CL0381	10A		
03180		XA127	20					168	9		CL0390	02	CL0390	11A	SET CL03 DATA	
03183		XA128	35		XA126	40		168	9		CL048P	01	CL048P	17B		
03184		XA126	40		XA121	55		168	9		CL048P	02	CL042A	19A		
03185		XA121	55					168	9		CL048P	03	CL08ZA	29B		
03186		XA326	35		XA128	37		168	9		CL048Q	01	DC20LD	17B		
03187		XA128	37		XA126	34		168	9		CL048Q	02	CL048Q	18B		
03188		XA126	34		XA120	22		168	9		CL048Q	03	CL043A	16A		
03189		XA120	22		XA120	20		168	9		CL048Q	04	CL025A	12A		
03190		XA120	20					168	9		CL048Q	05	CL034A	11A		
03191		XA127	17		XA124	52		168	9		CL041A	01	CL0490	08B		
03192		XA124	52					168	9		CL041A	02	CL041A	24A	DB20 TO CL04	
03193		XA127	18		XA126	36		168	9		CL042A	01	CL0490	10A		
03194		XA126	36					168	9		CL042A	02	CL042A	17A	INCR SET CL04	
03195		XA127	14		XA126	31		168	9		CL043A	01	CL0490	09A		
03196		XA126	31					168	9		CL043A	02	CL043A	15B	INCR HOLD CL04	
03197		XA125	39		XA126	29		168	9		CL044A	01	CL044A	19B	LOG PROD CL05 THR	
03198		XA126	29		XA124	19		168	9		CL044A	02	CL043A	14B		
03199		XA124	19					168	9		CL044A	03	CL0440	09B		
03200		XA126	38		XA124	21		168	9		CL0440	01	CL042A	18A		
03201		XA124	21					168	9		CL0440	02	CL0440	10B		
03202		XA128	40		XA127	19		168	9		CL0490	01	CL0481	19A		
03203		XA127	19					168	9		CL0490	02	CL0490	09B	SET CL04 DATA	
03206		XA128	33		XA125	42		168	9		CL058P	01	CL058P	16B		
03207		XA125	42		XA121	64		168	9		CL058P	02	CL052A	20A		
03208		XA121	64					168	9		CL058P	03	CL08ZA	30A		
03209		XA326	31		XA128	31		168	9		CL058Q	01	DC21LD	15B		
03210		XA128	31		XA125	37		168	9		CL058Q	02	CL058Q	15B		
03211		XA125	37		XA125	29		168	9		CL058Q	03	CL044A	19B		
03212		XA125	29		XA120	24		168	9		CL058Q	04	CL053A	14B		
03213		XA120	24		XA120	18		168	9		CL058Q	05	CL025A	13A		
03214		XA120	18					168	9		CL058Q	06	CL034A	10A		
03215		XA127	25		XA124	46		168	9		CL051A	01	CL0590	12B		
03216		XA124	46					168	9		CL051A	02	CL051A	21A	DB21 TO CL05	

DRAWING NUMBER		149011-800		STRING		UNIT ASSEMBLY NO		149011		REV D		INDEX		CLO51A								
UNIT ASSEMBLY NAME		CARD CAGE ASSY, CPU R.H.				FILE IDENT		T39B2CP2		DATE		09-03-82		PAGE 62								
RECORD NUMBER	FROM	TO	REF	PREFIX	CONNECTOR	PIN	GROUP	CODE	COLOR	DENT	SIGNAL	SFU NO	EQUATION	TERM	FACTOR	CNT OR CHIP TYPE	PROP	LOAD OR POWER PLANE	TEST POINTS AND/OR	SIGNAL DESCRIPTION	ECO NO	
03217	XAI27	23		XAI25	36			168	9		CL052A	01	CL0590	01	2	TT3	B3		11B			
03218	XAI25	36						168	9		CL052A	02	CL052A	00	1	TT3	C1		17A		INCR SET CLO5	
03219	XAI27	21		XAI25	31			168	9		CL053A	01	CL0590	01	1	TT3	B3		10B			
03220	XAI25	31						168	9		CL053A	02	CL053A	00	1	TT3	C2		19B		INCR HOLD CLO5	
03221	XAI26	39		XAI25	34			168	9		CL054A	01	CL054A	00	1	TT3	C3		19B		LOG PROD CLO6 THR	
03222	XAI25	34		XAI23	13			168	9		CL054A	02	CL053A	01	1	TT3	C2		16A			
03223	XAI23	13						168	9		CL054A	03	CL0540	01	2	TQ2	A4		06B			
03224	XAI25	38		XAI23	15			168	9		CL0540	01	CL052A	01	3	TT3	C1		18A			
03225	XAI23	15						168	9		CL0540	02	CL0540	00	1	TQ2	A4		07B			
03226	XAI28	34		XAI27	27			168	9		CL0590	01	CL0581	01	1	TQ0	F1		16A			
03227	XAI27	27						168	9		CL0590	02	CL0590	00	1	TT3	B3		13B		SET CLO5 DATA	
03230	XAI28	47		XAI26	54			168	9		CL068P	01	CL068P	00	1	TQ0	GP		25B			
03231	XAI26	54		XAI21	66			168	9		CL068P	02	CL062A	01	2	TT3	D1		25A			
03232	XAI21	66						168	9		CL068P	03	CL087A	01	3	TS8	E1		31A			
03233	XAI26	34		XAI28	49			168	9		CL068Q	01	DC22L0	01	2	TLD	C2		16A			
03234	XAI28	49		XAI26	46			168	9		CL068Q	02	CL068Q	00	1	TQ0	GQ		26B			
03235	XAI26	46		XAI26	35			168	9		CL068Q	03	CL063A	01	2	TT3	D2		27A			
03236	XAI26	35		XAI25	33			168	9		CL068Q	04	CL054A	01	2	TT3	C3		17B			
03237	XAI25	33		XAI20	26			168	9		CL068Q	05	CL044A	01	1	TT3	C3		16B			
03238	XAI20	26		XAI20	19			168	9		CL068Q	06	CL025A	01	1	TQ4	B1		14A			
03239	XAI20	19						168	9		CL068Q	07	CL034A	01	4	TQ4	B2		09B			
03240	XAI27	42		XAI24	45			168	9		CL061A	01	CL0690	01	1	TT3	C1		20A			
03241	XAI24	45						168	9		CL061A	02	CL061A	00	1	TQ2	D3		24B		DB22 TO CLO6	
03242	XAI27	40		XAI26	50			168	9		CL062A	01	CL0690	01	2	TT3	C1		19A			
03243	XAI26	50						168	9		CL062A	02	CL052A	00	1	TT3	D1		23A		INCR SET CLO6	
03244	XAI27	38		XAI26	43			168	9		CL063A	01	CL0690	01	3	TT3	C1		18A			
03245	XAI26	43						168	9		CL063A	02	CL063A	00	1	TT3	D2		23B		INCR HOLD CLO6	
03246	XAI26	48		XAI23	26			168	9		CL064A	01	CL063A	01	1	TT3	D2		22A			
03247	XAI23	26		XAI21	47			168	9		CL064A	02	CL0640	01	1	TQ2	B1		14A			
03248	XAI21	47						168	9		CL064A	03	CL064A	00	1	TS8	D1		25B		LOG PROD CLO7 THR	
03249	XAI26	52		XAI26	37			168	9		CL0640	01	CL062A	01	3	TT3	D1		24A			
03250	XAI26	37		XAI25	35			168	9		CL0640	02	CL054A	01	3	TT3	C3		18B			
03251	XAI25	35		XAI23	22			168	9		CL0640	03	CL044A	01	2	TT3	C3		17B			
03252	XAI23	22		XAI25	17			168	9		CL0640	04	CL0640	00	1	TQ2	B1		12A			
03253	XAI25	17		XAI20	14			168	9		CL0640	05	CL024A	01	3	TT3	B2		08B			
03254	XAI20	14						168	9		CL0640	06	CL034A	01	3	TQ4	B2		09A			
**** SIGNAL (CL0690) IS ON THE NEXT PAGE ****																						

DRAWING NUMBER		149011-800		STRING		UNIT ASSEMBLY NO		149011		REV D		INDEX		CL0690						
UNIT ASSEMBLY NAME		CARD CAGE ASSY, CPU R.H.				FILE IDENT		T39B2CP2		DATE		09-03-82		PAGE		63				
RECORD NUMBER	FROM	TO	WIRE	PREFIX	CONNECTOR	PIN	WIRE	WIRE	WIRE	SIGNAL	SEQ NO	EQUATION	TRN	FACTOR	CHT OR CHIP TYPE	PROP	LOAD OR POWER PLANE	TEST POINTS AND JP	SIGNAL DESCRIPTION	ECO NO
03255	XAI28	54		XAI27	36					CL0690	01	CL06B1	01	1	T0D	G1		29A		
03256	XAI27	36								CL0690	02	CL0690	00	1	TT3	C1		17A	SET CL06 DATA	
03259	XAI25	23		XAI28	45					CL07BP	01	CL072A	01	2	TT3	B3		11B		
03260	XAI28	45		XAI21	62					CL07BP	02	CL07BP	00	1	T0D	HP		24B		
03261	XAI21	62								CL07BP	03	CLUBZA	01	5	TS8	E1		29A		
03262	XA326	40		XAI21	49					CL07BQ	01	DC23LD	01	2	TLD	C1		19A		
03263	XAI21	49		XAI25	45					CL07BQ	02	CL064A	01	8	TS8	D1		26B		
03264	XAI25	45		XAI28	43					CL07BQ	03	CL073A	01	1	TT3	D3		24B		
03265	XAI28	43								CL07BQ	04	CL07BQ	00	1	T0D	HQ		23B		
03266	XAI27	34		XAI24	51					CL071A	01	CL0790	01	1	TT3	C2		16A		
03267	XAI24	51								CL071A	02	CL071A	00	1	TQ2	D4		27B	DB23 TO CL07	
03268	XAI27	30		XAI25	27					CL072A	01	CL0790	01	2	TT3	C2		15A		
03269	XAI25	27								CL072A	02	CL072A	00	1	TT3	B3		13B	INCR SET CL07	
03270	XAI27	29		XAI25	51					CL073A	01	CL0790	01	3	TT3	C2		14B		
03271	XAI25	51								CL073A	02	CL073A	00	1	TT3	D3		27B	INCR HOLD CL07	
03272	XAI23	20		XAI25	49					CL074A	01	CL0740	01	1	TQ2	B2		11A		
03273	XAI25	49		XAI20	47					CL074A	02	CL073A	01	3	TT3	D3		26B		
03274	XAI20	47								CL074A	03	CL074A	00	1	T04	D1		25B	LOG PROD CL08 THR	
03275	XAI25	21		XAI23	14					CL0740	01	CL072A	01	1	TT3	B3		10B		
03276	XAI23	14								CL0740	02	CL0740	00	1	TQ2	B2		09A		
03277	XAI28	48		XAI27	31					CL0790	01	CL07B1	01	1	T0D	HT		22A		
03278	XAI27	31								CL0790	02	CL0790	00	1	TT3	C2		15B	SET CL07 DATA	
03279	XAI28	59		XAI25	54					CL08BP	01	CL08BP	00	1	T0D	JP		31B		
03280	XAI25	54		XAI20	60					CL08BP	02	CL082A	01	2	TT3	D1		25A		
03281	XAI20	60								CL08BP	03	CLSPA	01	3	T04	E2		28A		
03282	XA326	25		XAI28	61					CL08BQ	01	DC24LD	01	2	TLD	B4		12B		
03283	XAI28	61		XAI25	48					CL08BQ	02	CL08BQ	00	1	T0D	JQ		32B		
03284	XAI25	48		XAI21	52					CL08BQ	03	CL083A	01	1	TT3	D2		22A		
03285	XAI21	52		XAI20	52					CL08BQ	04	CL064A	01	3	TS8	D1		24A		
03286	XAI20	52								CL08BQ	05	CL074A	01	3	T04	D1		24A		
03287	XAI27	37		XAI24	66					CL081A	01	CL0890	01	3	TT3	C3		18B		
03288	XAI24	66								CL081A	02	CL081A	00	1	TQ2	E1		31A	DB24 TO CL08	
03289	XAI27	35		XAI25	50					CL082A	01	CL0890	01	2	TT3	C3		17B		
03290	XAI25	50								CL082A	02	CL082A	00	1	TT3	D1		23A	INCR SET CL08	
03291	XAI27	33		XAI25	43					CL083A	01	CL0890	01	1	TT3	C3		16B		
03292	XAI25	43								CL083A	02	CL083A	00	1	TT3	D2		23B	INCR HOLD CL08	
										****	SIGNAL	(CL084A)			IS ON THE	NEXT PAGE	****			

DRAWING NUMBER 149011-800
 UNIT ASSEMBLY NAME CARD CAGE ASSY,CPU R.H.

STRING

UNIT ASSEMBLY NO 149011
 FILE IDENT T3982CP2

REV D
 DATE 09-03-82

NO. CL084A
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RECORD NUMBER	FROM				TO				WIRE	IDENT	SIGNAL	SEC NO	LOCATION	ELECTRICAL SYMBOL	LOAD OR POWER PLANE	TEST POINT LOCATION	SIGNAL DESCRIPTION	TCO NO
	PREFIX	CONNECTOR	PIN	WIRE	PREFIX	CONNECTOR	PIN	WIRE										
03293		XA126	51		XA125	41		168	9	CL084A	01	CL084A	00 1 TT3 03		278	LOG PROD CL09 THR		
03294		XA125	41		XA123	19		168	9	CL084A	02	CL083A	01 3 TT3 02		228			
03295		XA123	19					168	9	CL084A	03	CL0840	01 2 TQ2 B3		098			
03296		XA125	52		XA123	21		168	9	CL0840	01	CL082A	01 3 TT3 01		24A			
03297		XA123	21					168	9	CL0840	02	CL0840	00 1 TQ2 93		108			
03298		XA128	68		XA127	39		168	9	CL0890	01	CL0881	01 1 TQD J1		32A	SET CL08 DATA		
03299		XA127	39					168	9	CL0890	02	CL0890	00 1 TT3 C3		198			
03302		XA437	49		XA128	57		168	9	CL098P	01	C457SA	01 4 TQ4 01		268			
03303		XA128	57		XA125	66		168	9	CL098P	02	CL098P	00 1 TQD KP		308			
03304		XA125	66		XA120	64		168	9	CL098P	03	CL092A	01 3 TT3 E1		31A			
03305		XA120	64					168	9	CL098P	04	CLSPAA	01 1 TQ4 E2		30A			
03306		XA326	17		XA128	55		168	9	CL098Q	01	DC25LD	01 1 TLD 83		088			
03307		XA128	55		XA126	49		168	9	CL098Q	02	CL098Q	00 1 TQD KQ		298			
03308		XA126	49		XA125	53		168	9	CL098Q	03	CL084A	01 3 TT3 03		268			
03309		XA125	53		XA121	54		168	9	CL098Q	04	CL093A	01 3 TT3 E2		288			
03310		XA121	54		XA120	54		168	9	CL098Q	05	CL064A	01 2 T58 01		25A			
03311		XA120	54					168	9	CL098Q	06	CL074A	01 2 TQ4 01		25A			
03312		XA127	56		XA124	60		168	9	CL091A	01	CL0990	01 1 TT3 01		26A	DB25 TO CL09		
03313		XA124	60					168	9	CL091A	02	CL091A	00 1 TQ2 E2		28A			
03314		XA127	54		XA125	64		168	9	CL092A	01	CL0990	01 2 TT3 01		25A	INCR SET CL09		
03315		XA125	64					168	9	CL092A	02	CL092A	00 1 TT3 E1		30A			
03316		XA127	52		XA125	55		168	9	CL093A	01	CL0990	01 3 TT3 01		24A	INCR HOLD CL09		
03317		XA125	55					168	9	CL093A	02	CL093A	00 1 TT3 E2		298			
03318		XA123	25		XA125	62		168	9	CL094A	01	CL0940	01 2 TQ2 84		128	LOG PROD CL10 THR		
03319		XA125	62		XA122	63		168	9	CL094A	02	CL093A	01 1 TT3 E2		29A			
03320		XA122	63					168	9	CL094A	03	CL094A	00 1 TT3 E3		338			
03321		XA125	68		XA123	27		168	9	CL0940	01	CL092A	01 2 TT3 E1		32A			
03322		XA123	27					168	9	CL0940	02	CL0940	00 1 TQ2 84		138			
03323		XA128	62		XA127	50		168	9	CL0990	01	CL0981	01 1 TQD KT		29A	SET CL09 DATA		
03324		XA127	50					168	9	CL0990	02	CL0990	00 1 TT3 01		23A			
03327		XA437	56		XA128	76		168	9	CL108P	01	C457SA	01 1 TQ4 01		26A			
03328		XA128	76		XA125	79		168	9	CL108P	02	CL108P	00 1 TQD LP		37A			
03329		XA125	79					168	9	CL108P	03	CL102A	01 1 TT3 F1		398			
03330		XA327	18		XA126	47		168	9	CL108Q	01	DC26LD	01 2 TLD 82		10A			
03331		XA126	47		XA128	78		168	9	CL108Q	02	CL084A	01 2 TT3 03		258			
03332		XA128	78		XA125	65		168	9	CL108Q	03	CL108Q	00 1 TQD LQ		38A			
03333		XA125	65		XA122	59		168	9	CL108Q	04	CL103A	01 3 TT3 F2		348			
03334		XA122	59		XA121	56		168	9	CL108Q	05	CL094A	01 2 TT3 E3		318			
										****	SIGNAL (CL108Q) IS ON THE		NEXT PAGE ****					

DRAWING NUMBER		149011-800		STRING		UNIT ASSEMBLY NO		149011		REV		D		REF		CL108Q		
UNIT ASSEMBLY NAME		CARD CAGE ASSY, CPU R.H.				FILE IDENT		T39B2CP2		DATE		09-03-82		PAGE		65		
RECORD NUMBER	FROM				TO				WIRE		SIGNAL	SEC NO	EQUATION	TEST POINT	SIGNAL DESCRIPTION	ECO NO		
	PREFIX	CONNECTOR	PIN	WIRE NO	PREFIX	CONNECTOR	PIN	WIRE NO	MULTI GROUP	COLOR								
03335		XA121	56		XA120	49			168	9	CL108Q	06	CL064A	01 1	TS8 D1	26A		
03336		XA120	49						168	9	CL108Q	07	CL074A	01 4	TD4 D1	26B		
03337		XA127	46		XA124	57			168	9	CL101A	01	CL1090	01 2	TT3 D2	21A		
03338		XA124	57						168	9	CL101A	02	CL101A	00 1	TQ2 E3	30B	0826 TO CL10	
03339		XA127	48		XA125	73			168	9	CL102A	01	CL1090	01 1	TT3 D2	22A		
03340		XA125	73						168	9	CL102A	02	CL102A	00 1	TT3 F1	36B	INCR SET CL10	
03341		XA127	41		XA125	74			168	9	CL103A	01	CL1090	01 3	TT3 D2	22B		
03342		XA125	74						168	9	CL103A	02	CL103A	00 1	TT3 F2	35B	INCR HOLD CL10	
03343		XA125	72		XA123	42			168	9	CL104A	01	CL103A	01 2	TT3 F2	34A		
03344		XA123	42		XA120	45			168	9	CL104A	02	CL1040	01 1	TQ2 C1	20A		
03345		XA120	45						168	9	CL104A	03	CL104A	00 1	TD4 D2	24B	LOG PROD CL11 THR	
03346		XA126	45		XA123	38			168	9	CL1040	01	CL084A	01 1	TT3 D3	24B		
03347		XA123	38		XA120	56			168	9	CL1040	02	CL1040	00 1	TQ2 C1	18A		
03348		XA120	56		XA122	57			168	9	CL1040	03	CL074A	01 1	TD4 D1	26A		
03349		XA122	57		XA125	77			168	9	CL1040	04	CL094A	01 1	TT3 E3	30B		
03350		XA125	77						168	9	CL1040	05	CL102A	01 2	TT3 F1	30B		
03351		XA128	77		XA127	43			168	9	CL1090	01	CL1081	01 1	TQD L1	30B		
03352		XA127	43						168	9	CL1090	02	CL1090	00 1	TT3 D2	23B	SET CL10 DATA	
03353		XA128	69		XA122	23			168	9	CL118P	01	CL118P	00 1	TQD MP	35A		
03354		XA122	23						168	9	CL118P	02	CL112A	01 2	TT3 B3	11B		
03355		XA128	26		XA128	74			168	9	CL118Q	01	DC27LD	01 1	TQD B1	14A		
03356		XA128	74		XA122	42			168	9	CL118Q	02	CL118Q	00 1	TQD MQ	35B		
03357		XA122	42		XA121	46			168	9	CL118Q	03	CL113A	01 1	TT3 C1	20A		
03358		XA121	46		XA120	48			168	9	CL118Q	04	CL064A	01 6	TS8 D1	21A		
03359		XA120	48						168	9	CL118Q	05	CL104A	01 2	TD4 D2	22A		
03360		XA127	49		XA124	63			168	9	CL111A	01	CL1190	01 3	TT3 D3	26B		
03361		XA124	63						168	9	CL111A	02	CL111A	00 1	TQ2 E4	33B	0827 TO CL11	
03362		XA127	45		XA122	27			168	9	CL112A	01	CL1190	01 1	TT3 D3	24B		
03363		XA122	27						168	9	CL112A	02	CL112A	00 1	TT3 B3	13B	INCR SET CL11	
03364		XA127	47		XA122	36			168	9	CL113A	01	CL1190	01 2	TT3 D3	25B		
03365		XA122	36						168	9	CL113A	02	CL113A	00 1	TT3 C1	17A	INCR HOLD CL11	
03366		XA125	80		XA122	40			168	9	CL114A	01	CL114A	00 1	TT3 F3	39A	LOG PROD CL12 THR	
03367		XA122	40		XA123	36			168	9	CL114A	02	CL113A	01 2	TT3 C1	19A		
03368		XA123	36						168	9	CL114A	03	CL1140	01 1	TQ2 C2	17A		
03369		XA123	30		XA122	21			168	9	CL1140	01	CL1140	00 1	TQ2 C2	15A		
03370		XA122	21						168	9	CL1140	02	CL112A	01 1	TT3 B3	10B		
												****	SIGNAL	CL1190	IS ON THE	NEXT PAGE	****	

DRAWING NUMBER 149011-800
 UNIT ASSEMBLY NAME CARD CAGE ASSY, CPU R.H.

STRING

UNIT ASSEMBLY NO. 149011
 FILE IDENT T39B2CP2

REV D
 DATE 09-03-82

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RECORD NUMBER	FROM			TO			WIRE			MULTI GROUP	CODE	COLOR	IDENT	SIGNAL	SPU NO	EQUATION	3 WIRE	B FACT	CKT ON CHIP TYPE	POP	LOAD OR POWER PLANE	TEST POINTS AND OR	SIGNAL DESCRIPTION	ECO NO	
	PREFIX	CONNECTOR	PIN	PREFIX	CONNECTOR	PIN	WIRE	WIRE	WIRE																
03371		XA128	71		XA127	51					168	9		CL1190	01	CL1181	01	1	TDD	41	30A				
03372		XA127	51								168	9		CL1190	02	CL1190	00	1	TT3	D3	27B	SET CL11 DATA			
03373		XA129	59		XA122	34					168	9		CL128P	01	CL128P	00	1	TDD	JP	31B				
03374		XA122	34								168	9		CL128P	02	CL122A	01	1	TT3	C2	18A				
03375		XA328	11		XA129	61					168	9		CL128Q	01	DC28L0	01	1	TLD	A4	35B				
03376		XA129	61		XA125	78					168	9		CL128Q	02	CL128Q	00	1	TDD	JQ	32B				
03377		XA125	78		XA120	50					168	9		CL128Q	03	CL114A	01	3	TT3	F3	38A				
03378		XA120	50		XA121	48					168	9		CL128Q	04	CL104A	01	1	TD4	D2	23A				
03379		XA121	48		XA122	35					168	9		CL128Q	05	CL064A	01	5	TS8	D1	22A				
03380		XA122	35								168	9		CL128Q	06	CL123A	01	2	TT3	C3	17B				
03381		XA127	70		XA124	75					168	9		CL121A	01	CL1290	01	1	TT3	E1	33A				
03382		XA124	75								168	9		CL121A	02	CL121A	00	1	TQ2	F1	37B	DB28 TO CL12			
03383		XA127	66		XA122	31					168	9		CL122A	01	CL1290	01	3	TT3	E1	31A				
03384		XA122	31								168	9		CL122A	02	CL122A	00	1	TT3	C2	15B	INCR SET CL12			
03385		XA127	68		XA122	39					168	9		CL123A	01	CL1290	01	2	TT3	E1	32A				
03386		XA122	39								168	9		CL123A	02	CL123A	00	1	TT3	C3	19B	INCR HOLD CL13			
03387		XA125	63		XA122	37					168	9		CL124A	01	CL124A	00	1	TT3	E3	33B	LOG PROD CL13.CLI			
03388		XA122	37		XA123	31					168	9		CL124A	02	CL123A	01	3	TT3	C3	18B				
03389		XA123	31								168	9		CL124A	03	CL1240	01	2	TQ2	C3	15B				
03390		XA123	33		XA122	30					168	9		CL1240	01	CL1240	00	1	TQ2	C3	16B				
03391		XA122	30								168	9		CL1240	02	CL122A	01	2	TT3	C2	15A				
03392		XA129	68		XA127	64					168	9		CL1290	01	CL1281	01	1	TDD	J1	32A				
03393		XA127	64								168	9		CL1290	02	CL1290	00	1	TT3	E1	30A	SET CL12 DATA			
03394		XA129	57		XA122	56					168	9		CL138P	01	CL138P	00	1	TDD	KP	30B				
03395		XA122	56								168	9		CL138P	02	CL132A	01	1	TT3	D1	26A				
03396		XA328	07		XA129	55					168	9		CL138Q	01	DC29L0	01	2	TLD	A3	03A				
03397		XA129	55		XA125	61					168	9		CL138Q	02	CL138Q	00	1	TDD	KQ	29B				
03398		XA125	61		XA125	69					168	9		CL138Q	03	CL124A	01	3	TT3	E3	32B				
03399		XA125	69		XA122	48					168	9		CL138Q	04	CL114A	01	1	TT3	F3	35A				
03400		XA122	48		XA121	43					168	9		CL138Q	05	CL133A	01	1	TT3	D2	22A				
03401		XA121	43		XA120	46					168	9		CL138Q	06	CL064A	01	7	TS8	D1	23B				
03402		XA120	46								168	9		CL138Q	07	CL104A	01	3	TD4	D2	21A				
03403		XA127	60		XA124	72					168	9		CL131A	01	CL1390	01	2	TT3	E2	28A				
03404		XA124	72								168	9		CL131A	02	CL131A	00	1	TQ2	F2	34A	DB29 TO CL13			
03405		XA127	62		XA122	50					168	9		CL132A	01	CL1390	01	1	TT3	E2	29A				
03406		XA122	50								168	9		CL132A	02	CL132A	00	1	TT3	D1	23A	INCR SET CL13			
03407		XA127	53		XA122	43					168	9		CL133A	01	CL1390	01	3	TT3	E2	28B				
													****	SIGNAL	(CL133A)	IS ON THE	NEXT PAGE	****							

DRAWING NUMBER 149011-800
 UNIT ASSEMBLY NAME CARD CAGE ASSY,CPU R.H.

STRING

UNIT ASSEMBLY NO 149011
 FILE IDENT T39B2CP2

DATE 09-03-82

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RECORD NUMBER	FROM			TO			WIRE			SIGNAL	SEQ NO	EQUATION	I	E	C	O	M	LOAD OF POWER PLANE	TEST POINTS AND JP	SIGNAL DESCRIPTION	ECO NO
	PREFIX	CONNECTOR	PIN	PREFIX	CONNECTOR	PIN	MULTI GROUP	CODE	COL. IN												
03408		XA122	43						168	9	CL133A	02	CL133A	00	1	TT3	D2	238	INCR HOLD CL13		
03409		XA129	62		XA127	55			168	9	CL1390	01	CL1381	01	1	TDD	K1	29A	SET CL13 DATA		
03410		XA127	55						168	9	CL1390	02	CL1390	00	1	TT3	E2	29B			
03411		XA129	76		XA122	45			168	9	CL148P	01	CL148P	00	1	TDD	LP	37A			
03412		XA122	45		XA122	41			168	9	CL148P	02	CL142A	01	1	TT3	D3	248			
03413		XA122	41						168	9	CL148P	03	CL133A	01	3	TT3	D2	228			
03414		XA328	05		XA129	78			168	9	CL148Q	01	DC30LD	01	2	TLD	A2	038			
03415		XA129	78		XA125	76			168	9	CL148Q	02	CL148Q	00	1	TDD	LQ	38A			
03416		XA125	76		XA125	59			168	9	CL148Q	03	CL114A	01	2	TT3	F3	37A			
03417		XA125	59		XA122	54			168	9	CL148Q	04	CL124A	01	2	TT3	E3	318			
03418		XA122	54		XA121	50			168	9	CL148Q	05	CL132A	01	2	TT3	D1	25A			
03419		XA121	50		XA120	43			168	9	CL148Q	06	CL064A	01	4	TS8	D1	23A			
03420		XA120	43						168	9	CL148Q	07	CL104A	01	4	TD4	D2	238			
03421		XA127	61		XA124	69			168	9	CL141A	01	CL1490	01	3	TT3	E3	328			
03422		XA124	69						168	9	CL141A	02	CL141A	00	1	TQ2	F3	35A	DB30 TO CL14		
03423		XA127	57		XA122	51			168	9	CL142A	01	CL1490	01	1	TT3	E3	308			
03424		XA122	51						168	9	CL142A	02	CL142A	00	1	TT3	D3	278	INCR SET CL14		
03425		XA129	77		XA127	63			168	9	CL1490	01	CL148I	01	1	TDD	LI	388			
03426		XA127	63						168	9	CL1490	02	CL1490	00	1	TT3	E3	338	SET CL14 DATA		
03427		XA546	48		XA546	36			168	9	CMASPA	01	C512FA	01	2	TD4	D2	22A			
03428		XA546	36		XA544	37			168	9	CMASPA	02	C510DA	01	1	TD4	C2	17A			
03429		XA544	37		XA538	60			168	9	CMASPA	03	C512DA	01	3	TT3	C3	188			
03430		XA538	60		XA538	61			168	9	CMASPA	04	C513EA	01	3	TD4	E2	28A			
03431		XA538	61		XA415	66			168	9	CMASPA	05	C512VA	01	4	TD4	E1	328			
03432		XA415	66		XA307	18			168	9	CMASPA	06	CMASPA	00	1	TQ2	E1	31A	MA CONTENTS LT 10		
03433		XA307	18						168	9	CMASPA	07	C612DA	01	2	TD4	B2	10A			
03438		XA425	04		XA415	60			168	9	CMASPO	01	C522VA	01	1	TQ2	A2	04A			
03439		XA415	60		XA402	07			168	9	CMASPO	02	CMASPO	00	1	TQ2	E2	28A	MA CONTENTS LT 10		
03440		XA402	07		XA401	61			168	9	CMASPO	03	C612P0	01	2	TQ2	A3	03A			
01838		XA401	61		XA202	73			168	9	CMASPO	031	C616FA	01	3	TT3	E3	328			
03441		XA202	73						168	9	CMASPO	04	C5E0CA	01	4	TS8	F1	368			
21568		XA251	03		XA248	11			168	9	CMA190	01				EXT					
03445		XA248	11						168	9	CMA190	02	CMA190	00	1	TS8	A1	058	AR. CNTL 01 DATA		
03446		XA248	18		XA245	22			168	9	CMA27A	01	CMA290	01	5	TS8	B1	10A			
03447		XA245	22						168	9	CMA27A	02	CMA27A	00	1	TQ2	B1	12A	AR. CNTL 02 DATA		
03448		XA245	24		XA244	20			168	9	CMA270	01	CMA27A	01	2	TQ2	B1	13A			
03449		XA244	20						168	9	CMA270	02	CMA270	00	1	TT3	B1	11A	AR. CNTL 02 DATA		
03450		XA248	14		XA245	14			168	9	CMA28A	01	CMA290	01	6	TS8	B1	09A			
									****	SIGNAL	CMA28A		IS ON THE						NEXT PAGE	****	

DRAWING NUMBER		149011-800		STRING		UNIT ASSEMBLY NO		149011		REV D		NO. OF		CMA28A				
UNIT ASSEMBLY NAME		CARD CAGE ASSY,CPU R.H.				ELEMENT		T39B2CP2		DATE		09-03-82		PAGE		68		
RECORD NUMBER	FROM	TO	TYPE	DESCRIPTION	TEST POINT	SIGNAL	LOCATION	TEST POINT	SIGNAL	DESCRIPTION	TEST POINT	SIGNAL	LOCATION	TEST POINT	SIGNAL	DESCRIPTION	TEST POINT	SIGNAL
03451	XA245	14		XA243	38	168	9	CMA28A	02	CMA28A	00	1	TQ2	B2	09A	AR. CNTL	02/03	DA
03452	XA243	38				168	9	CMA28A	03	CMA380	01	3	TD4	C1	18A			
03453	XA245	20		XA243	23	168	9	CMA280	01	CMA28A	01	1	TQ2	B2	11A			
03454	XA243	23				168	9	CMA280	02	CMA280	00	1	TD4	B1	11B	AR. CNTL	02/03	DA
21570	XA251	07		XA248	23	168	9	CMA290	01				EXT					
03458	XA248	23				168	9	CMA290	02	CMA290	00	1	TS8	B1	11B	AR. CNTL	02	DATA
03459	XA248	36		XA245	38	168	9	CMA38A	01	CMA390	01	4	TS8	C1	17A			
03460	XA245	38				168	9	CMA38A	02	CMA38A	00	1	TQ2	C1	18A	AR. CNTL	03	SLOW
03461	XA245	40		XA243	35	168	9	CMA380	01	CMA38A	01	2	TQ2	C1	19A			
03462	XA243	35				168	9	CMA380	02	CMA380	00	1	TD4	C1	17B	AR. CNTL	03	SLOW
21572	XA251	11		XA248	35	168	9	CMA390	01				EXT					
03466	XA248	35				168	9	CMA390	02	CMA390	00	1	TS8	C1	17B	AR. CNTL	03	DATA
21574	XA251	15		XA246	11	168	9	CMA490	01				EXT					
03470	XA246	11				168	9	CMA490	02	CMA490	00	1	TS8	A1	05B	AR. CNTL	04	DATA
03471	XA246	22		XA246	55	168	9	CMA58A	01	CMA590	01	3	TS8	B1	12A			
03472	XA246	55		XA245	66	168	9	CMA58A	02	CMA890	01	7	TS8	E1	29B			
03473	XA245	66				168	9	CMA58A	03	CMA58A	00	1	TQ2	E1	31A	AR. CNTL	05/08	DA
03474	XA245	68		XA243	59	168	9	CMA580	01	CMA58A	01	2	TQ2	F1	32A			
03475	XA243	59				168	9	CMA580	02	CMA580	00	1	TD4	E1	31B	(CSTF).(CCI2)*01		
21576	XA251	19		XA246	23	168	9	CMA590	01				EXT					
03476	XA246	23				168	9	CMA590	02	CMA590	00	1	TS8	B1	11B	AR. CNTL	05	DATA
21578	XA251	23		XA246	35	168	9	CMA690	01				EXT					
03483	XA246	35				168	9	CMA690	02	CMA690	00	1	TS8	C1	17B	AR. CNTL	06	DATA
21580	XA251	27		XA246	47	168	9	CMA790	01				EXT					
03487	XA246	47				168	9	CMA790	02	CMA790	00	1	TS8	D1	25B	AR. CNTL	07	DATA
21582	XA251	31		XA246	59	168	9	CMA890	01				EXT					
03491	XA246	59				168	9	CMA890	02	CMA890	00	1	TS8	E1	31B	AR. CNTL	09	DATA
21584	XA251	01		XA247	35	168	9	CMB090	01				EXT					
03495	XA247	35				168	9	CMB090	02	CMB090	00	1	TS8	C1	17B	AR. CNTL	10	DATA
21586	XA251	05		XA247	47	168	9	CMB190	01				EXT					
03499	XA247	47				168	9	CMB190	02	CMB190	00	1	TS8	D1	25B	AR. CNTL	11	DATA
21588	XA251	09		XA247	59	168	9	CMB290	01				EXT					
03503	XA247	59				168	9	CMB290	02	CMB290	00	1	TS8	E1	31B	AR. CNTL	12	DATA
21590	XA251	13		XA247	76	168	9	CMB390	01				EXT					
**** SIGNAL (CMB390) IS ON THE NEXT PAGE ****																		

DRAWING NUMBER 149011-800
 UNIT ASSEMBLY NAME CARD CAGE ASSY, CPU R.H.

STRING

UNIT ASSEMBLY NO 149011
 FILE IDENT T39B2CP2 DATE 09-03-82 PAGE 69

RECORD NUMBER	FROM				TO				WIRE		SIGNAL	REC NO	EQUATION	3 WIRE	PULSE RATE	CHK ON CHG TYPE	PROP	WIRE CP PLANE	TEST POINTS AND/OR	SIGNAL DESCRIPTION	PCO NO	
	PREFIX	CONNECTOR	PIN	C/S	PREFIX	CONNECTOR	PIN	C/S	MULTI GROUP	CODE												COLOR
03507		XA247	76							168	9		CMB390	02	CMB390	00	1	TS8	F1	37A	AR. CNTL 13 DATA	
21592		XA251	17		XA248	47				168	9		CMB490	01					EXT			
03511		XA248	47							168	9		CMB490	02	CMB490	00	1	TS8	D1	298	AR. CNTL 14 DATA	
21594		XA251	21		XA248	59				168	9		CMB590	01					EXT			
03515		XA248	59							168	9		CMB590	02	CMB590	00	1	TS8	E1	318	AR. CNTL 15 DATA	
21596		XA251	25		XA248	76				168	9		CMB690	01					EXT			
03519		XA248	76							168	9		CMB690	02	CMB690	00	1	TS8	F1	37A	AR. CNTL 16 DATA	
21598		XA251	29		XA247	11				168	9		CMB790	01					EXT			
03523		XA247	11							168	9		CMB790	02	CMB790	00	1	TS8	A1	058	AR. CNTL 17 DATA	
21600		XA251	33		XA247	23				168	9		CMB890	01					EXT			
03527		XA247	23							168	9		CMB890	02	CMB890	00	1	TS8	B1	118	AR. CNTL 19 DATA	
03528		XA411	75		XA411	73				168	9		CMCLCB	01	CM08BP	01	1	TDD	LP	378	CLEAR MOP REG- C	
03529		XA411	73		XA411	66				168	9		CMCLCB	02	CM09BP	01	1	TDD	MP	368	CLEAR MOP REG- C	
03530		XA411	66		XA411	64				168	9		CMCLCB	03	CM06BP	01	1	TDD	JP	31A	CLEAR MOP REG- C	
03531		XA411	64		XA411	52				168	9		CMCLCB	04	CM07BP	01	1	TDD	KP	30A	CLEAR MOP REG- C	
03532		XA411	52		XA411	50				168	9		CMCLCB	05	CM04BP	01	1	TDD	GP	24A	CLEAR MOP REG- C	
03533		XA411	50		XA411	06				168	9		CMCLCB	06	CM05BP	01	1	TDD	HP	23A	CLEAR MOP REG- C	
03534		XA411	06		XA411	04				168	9		CMCLCB	07	CM07BP	01	1	TDD	AP	05A	CLEAR MOP REG- C	
03535		XA411	04		XA412	04				168	9		CMCLCB	08	CM08BP	01	1	TDD	BP	04A	CLEAR MOP REG- C	
03536		XA412	04		XA412	06				168	9		CMCLCB	09	CM02BP	01	1	TDD	BP	04A	CLEAR MOP REG- C	
03537		XA412	06		XA412	22				168	9		CMCLCB	10	CM01BP	01	1	TDD	AP	05A	CLEAR MOP REG- C	
03538		XA412	22		XA412	20				168	9		CMCLCB	11	CM03BP	01	1	TDD	CP	12A	CLEAR MOP REG- C	
03539		XA412	20		XA411	20				168	9		CMCLCB	12	CM04BP	01	1	TDD	DP	11A	CLEAR MOP REG- C	
03540		XA411	20		XA410	30				168	9		CMCLCB	13	CM01BP	01	1	TDD	DP	11A	CLEAR MOP REG- C	
03541		XA410	30		XA410	33				168	9		CMCL4A	14	CMCLCB	02	1	TQ2	C2	15A		
03542		XA410	33		XA410	38				168	9		CMCLYA	15	CMCLCB	03	1	TQ2	C3	16B	CMCLCB BUSS	
03543		XA410	38		XA411	38				168	9		CMCL3A	16	CMCLCB	01	1	TQ2	C1	18A		
03544		XA411	38		XA411	36				168	9		CMCLCB	17	CM02BP	01	1	TDD	EP	18A	CLEAR MOP REG- C	
03545		XA411	36		XA412	36				168	9		CMCLCB	18	CM03BP	01	1	TDD	FP	17A	CLEAR MOP REG- C	
03546		XA412	36		XA412	38				168	9		CMCLCB	19	CM06BP	01	1	TDD	FP	17A	CLEAR MOP REG- C	
03547		XA412	38		XA432	36				168	9		CMCLCB	20	CM05BP	01	1	TDD	EP	18A	CLEAR MOP REG- C	
03548		XA432	36		XA432	38				168	9		CMCLCB	21	CM04BP	01	1	TDD	FP	17A	CLEAR MOP REG- P	
03549		XA432	38							168	9		CMCLCB	22	CM03BP	01	1	TDD	EP	18A	CLEAR MOP REG- P	
21601		XA450	71		XA410	27				168	9		CMCLMA	01					EXT			
03551		XA410	27		XA411	22				168	9		CMCLMA	02	CMCL4A	00	1	TQ2	B4	13B		
03552		XA411	22							168	9		CMCLMA	03	CM09BP	01	1	TDD	CP	12A	CLEAR MOP REG- C	
21602		XA450	73		XA410	46				168	9		CMCLMB	01					EXT			
03554		XA410	46		XA410	45				168	9		CMCL5A	02	CMCLMB	01	1	TQ2	D2	21A		
03555		XA410	45		XA410	51				168	9		CMCL6A	03	CMCLMB	02	1	TQ2	D3	24B		
03556		XA410	51							168	9		CMCL7A	04	CMCLMB	03	1	TQ2	D4	27B		
03561		XA410	23		XA406	14				168	9		CMCLM0	01	CMCLMA	01	1	TQ2	B4	11B		
										****	SIGNAL	CMCLM0										IS ON THE NEXT PAGE ****

DRAWING NUMBER		149011-800		STRING		UNIT ASSEMBLY NO		149011		REV D		INDEX		CMCLMO								
UNIT ASSEMBLY NAME		CARD CAGE ASSY,CPU R.H.				FILE IDENT		T39B2CP2		DATE		09-03-82		PAGE 73								
RECORD NUMBER	FROM			TO			MULTI GROUP	CODE	COLOR	DENT	SIGNAL	SQZ NO	EQUATION	TEST FACTOR	CMT OR CHIP TYPE	GROUP	LOAD OR POWER PLANE	TEST POINTS		SIGNAL DESCRIPTION	ECO NO	
	PREFIX	CONNECTOR	PIN	PREFIX	CONNECTOR	PIN												AND OR				
03562		XA406	14					168	9			CMCLMO	02	CMCLMO	00	1	TQ2	B2				
03563		XA432	20		XA432	22		168	9			CMCLPB	01	CMT2BP	01	1	TDD	DP	11A		CLEAR MOP REG- P	
03564		XA432	22		XA410	69		168	9			CMCLPB	02	CMT1BP	01	1	TDD	CP	12A		CLEAR MOP REG- P	
03565		XA410	69		XA410	80		168	9			CMCLYA	03	CMCLPB	01	1	TQ2	F3	39A			
03566		XA410	80		XA412	50		168	9			CMCLBA	04	CMCLPB	02	1	TQ2	F4	39A			
03567		XA412	50		XA412	52		168	9			CMCLPB	05	CMP9BP	01	1	TDD	HP	23A		CLEAR MOP REG- P	
03568		XA412	52		XA412	64		168	9			CMCLPB	06	CMP8BP	01	1	TDD	GP	24A		CLEAR MOP REG- P	
03569		XA412	64		XA412	66		168	9			CMCLPB	07	CMP7BP	01	1	TDD	KP	30A		CLEAR MOP REG- P	
03570		XA412	66		XA412	73		168	9			CMCLPB	08	CMP6BP	01	1	TDD	JP	31A		CLEAR MOP REG- P	
03571		XA412	73		XA412	75		168	9			CMCLPB	09	CMP5BP	01	1	TDD	MP	36B		CLEAR MOP REG- P	
03572		XA412	75		XA523	04		168	9			CMCLPB	10	CMP4BP	01	1	TDD	LP	37B		CLEAR MOP REG- P	
03573		XA523	04		XA523	06		168	9			CMCLPB	11	CMP2BP	01	1	TDD	BP	09A		CLEAR MOP REG- P	
03574		XA523	06		XA523	20		168	9			CMCLPB	12	CMP1BP	01	1	TDD	AP	05A		CLEAR MOP REG- P	
03575		XA523	20		XA523	22		168	9			CMCLPB	13	CMQ1BP	01	1	TDD	DP	11A		CLEAR MOP REG- P	
03576		XA523	22		XA523	36		168	9			CMCLPB	14	CMP3BP	01	1	TDD	CP	12A		CLEAR MOP REG- P	
03577		XA523	36		XA523	38		168	9			CMCLPB	15	CMQ3BP	01	1	TDD	FP	17A		CLEAR MOP REG- P	
03578		XA523	38					168	9			CMCLPB	16	CMQ2BP	01	1	TDD	EP	18A		CLEAR MOP REG- P	
21605		XA350	73		XA410	14		168	9			CMCLRB	01				EXT					
03580		XA410	14		XA410	21		168	9			CMCL1A	02	CMCLRB	02	1	TQ2	B2	09A			
03581		XA410	21					168	9			CMCL2A	03	CMCLRB	03	1	TQ2	B3	10B			
20748		XA306	57		XA402	78		168	9			CMCLWA	01	CMCLWA	00	1	TQ2	E3	30B		BLO H-DB	
18689		XA402	78					168	9			CMCLWA	02	CMCLXA	01	2	TQ2	F4	38A			
20952		XA402	80		XA409	36		168	9			CMCLXA	01	CMCLXA	00	1	TQ2	F4	39A			
05715		XA409	36					168	9			CMCLXA	02	CMCLZA	01	1	TD4	C2	17A			
03584		XA410	33								J	CMCLYA	01	CMCLYA	00	1	TQ2	C3	16B		CMCLCB BUSS	
03585		XA409	33		XA504	71		168	9			CMCLZA	01	CMCLZA	00	1	TD4	C2	16B		ERROR EXIT INHIBI	
18783		XA504	71					168	9			CMCLZA	02	CMCLOO	01	1	TT3	F2	36A			
03588		XA410	47		XA410	48		168	9			CMCLOO	01	CMCL7A	01	1	TQ2	D4	25B			
03589		XA410	48		XA410	43		168	9			CMCLOO	02	CMCL5A	01	2	TQ2	D2	22A			
03590		XA410	43		XA410	40		168	9			CMCLOO	03	CMCL6A	01	2	TQ2	D3	23B			
03591		XA410	40		XA410	34		168	9			CMCLOO	04	CMCL3A	01	2	TQ2	C1	19A			
03592		XA410	34		XA410	29		168	9			CMCLOO	05	CMCL4A	01	2	TQ2	C2	18A			
03593		XA410	29		XA410	24		168	9			CMCLOO	06	CMCLYA	01	1	TQ2	C3	14B			
03594		XA410	24		XA410	20		168	9			CMCLOO	07	CMCLOA	01	2	TQ2	B1	13A			
03595		XA410	20		XA410	19		168	9			CMCLOO	08	CMCL1A	01	1	TQ2	B2	11A			
03596		XA410	19		XA410	65		168	9			CMCLOO	09	CMCL2A	01	2	TQ2	B3	09B			
03597		XA410	65		XA410	78		168	9			CMCLOO	10	CMCL9A	01	1	TQ2	F3	34B			
03598		XA410	78		XA504	74		168	9			CMCLOO	11	CMCL8A	01	2	TQ2	F4	38A			
18799		XA504	74					168	9			CMCLOO	12	CMCLOO	03	1	TT3	F2	35B		AUCTION IF ACZR	
03600		XA410	14								J	CMCL1A	01	CMCL1A	00	1	TQ2	B2	09A		CMCLRB BUSS	
03601		XA410	21								J	CMCL2A	01	CMCL2A	00	1	TQ2	B3	10B		CMCLRB BUSS	

DRAWING NUMBER		149011-800		STRING		UNIT ASSEMBLY NO		149011		REV		0		INDEX		CMCL2A	
UNIT ASSEMBLY NAME		CARD CAGE ASSY,CPU R.H.				FILE IDENT		T39B2CP2		DATE		09-03-82		PAGE		71	
RECORD NUMBER	FROM	TO	W	R	E	SIGNAL	SEQ NO	EQUATION	TR	FACTOR	CKT OR CHIP TYPE	GROUP	LOAD OR POWER PLANE	TEST POINTS AND JP	SIGNAL DESCRIPTION	ECO NO	
03602	XA410	38				J CMCL3A	01	CMCL3A	00	1	TQ2 C1		18A		CMCLCB BUSS		
03603	XA410	30				J CMCL4A	01	CMCL4A	00	1	TQ2 C2		19A		CMCLCB BUSS		
03604	XA410	46				J CMCL5A	01	CMCL5A	00	1	TQ2 D2		21A		CMCLMB BUSS		
03605	XA410	45				J CMCL6A	01	CMCL6A	00	1	TQ2 D3		24B		CMCLMB BUSS		
03606	XA410	51				J CMCL7A	01	CMCL7A	00	1	TQ2 D4		27B		CMCLMB BUSS		
03607	XA410	80				J CMCL8A	01	CMCL8A	00	1	TQ2 F4		39A		CMCLPB BUSS		
03608	XA410	69				J CMCL9A	01	CMCL9A	00	1	TQ2 F3		39A		CMCLPB BUSS		
03609	XA411	01				CMCPCB	01	CMC8BN	01	1	TDD BN		02B		GATED CLOCK- INST		
03610	XA412	01				CMCPCB	02	CMC2BN	01	1	TDD BN		02B		GATED CLOCK- INST		
03611	XA412	14				CMCPCB	03	CMC4BN	01	1	TDD DN		09A		GATED CLOCK- INST		
03612	XA412	10				CMCPCB	04	CMC1BN	01	1	TDD AN		07A		GATED CLOCK- INST		
03613	XA411	10				CMCPCB	05	CMC7BN	01	1	TDD AN		07A		GATED CLOCK- INST		
03614	XA411	14				CMCPCB	06	CMO1BN	01	1	TDD DN		09A		GATED CLOCK- INST		
03615	XA411	79				CMCPCB	07	CMO8BN	01	1	TDD LN		39B		GATED CLOCK- INST		
03616	XA411	70				CMCPCB	08	CMO6BN	01	1	TDD JN		33A		GATED CLOCK- INST		
03617	XA411	72				CMCPCB	09	CMO9BN	01	1	TDD MN		34A		GATED CLOCK- INST		
03618	XA410	57				CMCP5A	10	CMCP5B	03	1	TQ2 E3		30B				
03619	XA410	66				CMCP3A	11	CMCP3B	01	1	TQ2 E1		31A				
03620	XA410	60				CMCP4A	12	CMCP4B	02	1	TQ2 E2		28A				
03621	XA411	60				CMCPCB	13	CMO7BN	01	1	TDD KN		28A		GATED CLOCK- INST		
03622	XA411	56				CMCPCB	14	CMO4BN	01	1	TDD GN		26A		GATED CLOCK- INST		
03623	XA412	42				CMCPCB	15	CMC5BN	01	1	TDD EN		20A		GATED CLOCK- INST		
03624	XA411	42				CMCPCB	16	CMO2BN	01	1	TDD EN		20A		GATED CLOCK- INST		
03625	XA411	46				CMCPCB	17	CMO5BN	01	1	TDD HN		21A		GATED CLOCK- INST		
03626	XA411	30				CMCPCB	18	CMO3BN	01	1	TDD FN		19A		GATED CLOCK- INST		
03627	XA411	26				CMCPCB	19	CMC9BN	01	1	TDD CN		14A		GATED CLOCK- INST		
03628	XA412	26				CMCPCB	20	CMC3BN	01	1	TDD CN		14A		GATED CLOCK- INST		
03629	XA412	30				CMCPCB	21	CMC6BN	01	1	TDD FN		19A		GATED CLOCK- INST		
03630	XA410	75				CMCP8A	01	CMCPPB	01	1	TQ2 F1		37B				
03631	XA410	72				CMCP9A	02	CMCPPB	02	1	TQ2 F2		34A				
03632	XA412	46				CMCPPB	03	CMPP8BN	01	1	TDD HN		21A		GATED CLOCK- P AN		
03633	XA412	56				CMCPPB	04	CMPP8BN	01	1	TDD GN		26A		GATED CLOCK- P AN		
03634	XA412	60				CMCPPB	05	CMPP7BN	01	1	TDD KN		28A		GATED CLOCK- P AN		
03635	XA412	70				CMCPPB	06	CMPP6BN	01	1	TDD JN		33A		GATED CLOCK- P AN		
03636	XA412	72				CMCPPB	07	CMPP5BN	01	1	TDD MN		34A		GATED CLOCK- P AN		
03637	XA412	79				CMCPPB	08	CMPP4BN	01	1	TDD LN		39B		GATED CLOCK- P AN		
03638	XA523	42				CMCPPB	09	CMQ2BN	01	1	TDD EN		20A		GATED CLOCK- P AN		
03639	XA523	01				CMCPPB	10	CMPP2BN	01	1	TDD BN		02B		GATED CLOCK- P AN		
03640	XA523	10				CMCPPB	11	CMPP1BN	01	1	TDD AN		07A		GATED CLOCK- P AN		
03641	XA523	14				CMCPPB	12	CMQ1BN	01	1	TDD DN		09A		GATED CLOCK- P AN		
						**** SIGNAL (CMCPPB) IS ON THE NEXT PAGE ****											

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DRAWING NUMBER 149011-800
 UNIT ASSEMBLY NAME CARD CAGE ASSY,CPU R.H.

STRING

UNIT ASSEMBLY NO. 149011
 ELEMENT T39B2CP2

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RECORD NUMBER	FROM				TO				WIRE	SIGNAL	POS NO	LOCATION	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	31	32	33	34	35	36	37	38	39	40	41	42	43	44	45	46	47	48	49	50	51	52	53	54	55	56	57	58	59	60	61	62	63	64	65	66	67	68	69	70	71	72	73	74	75	76	77	78	79	80	81	82	83	84	85	86	87	88	89	90	91	92	93	94	95	96	97	98	99	100	101	102	103	104	105	106	107	108	109	110	111	112	113	114	115	116	117	118	119	120	121	122	123	124	125	126	127	128	129	130	131	132	133	134	135	136	137	138	139	140	141	142	143	144	145	146	147	148	149	150	151	152	153	154	155	156	157	158	159	160	161	162	163	164	165	166	167	168	169	170	171	172	173	174	175	176	177	178	179	180	181	182	183	184	185	186	187	188	189	190	191	192	193	194	195	196	197	198	199	200	201	202	203	204	205	206	207	208	209	210	211	212	213	214	215	216	217	218	219	220	221	222	223	224	225	226	227	228	229	230	231	232	233	234	235	236	237	238	239	240	241	242	243	244	245	246	247	248	249	250	251	252	253	254	255	256	257	258	259	260	261	262	263	264	265	266	267	268	269	270	271	272	273	274	275	276	277	278	279	280	281	282	283	284	285	286	287	288	289	290	291	292	293	294	295	296	297	298	299	300	301	302	303	304	305	306	307	308	309	310	311	312	313	314	315	316	317	318	319	320	321	322	323	324	325	326	327	328	329	330	331	332	333	334	335	336	337	338	339	340	341	342	343	344	345	346	347	348	349	350	351	352	353	354	355	356	357	358	359	360	361	362	363	364	365	366	367	368	369	370	371	372	373	374	375	376	377	378	379	380	381	382	383	384	385	386	387	388	389	390	391	392	393	394	395	396	397	398	399	400	401	402	403	404	405	406	407	408	409	410	411	412	413	414	415	416	417	418	419	420	421	422	423	424	425	426	427	428	429	430	431	432	433	434	435	436	437	438	439	440	441	442	443	444	445	446	447	448	449	450	451	452	453	454	455	456	457	458	459	460	461	462	463	464	465	466	467	468	469	470	471	472	473	474	475	476	477	478	479	480	481	482	483	484	485	486	487	488	489	490	491	492	493	494	495	496	497	498	499	500	501	502	503	504	505	506	507	508	509	510	511	512	513	514	515	516	517	518	519	520	521	522	523	524	525	526	527	528	529	530	531	532	533	534	535	536	537	538	539	540	541	542	543	544	545	546	547	548	549	550	551	552	553	554	555	556	557	558	559	560	561	562	563	564	565	566	567	568	569	570	571	572	573	574	575	576	577	578	579	580	581	582	583	584	585	586	587	588	589	590	591	592	593	594	595	596	597	598	599	600	601	602	603	604	605	606	607	608	609	610	611	612	613	614	615	616	617	618	619	620	621	622	623	624	625	626	627	628	629	630	631	632	633	634	635	636	637	638	639	640	641	642	643	644	645	646	647	648	649	650	651	652	653	654	655	656	657	658	659	660	661	662	663	664	665	666	667	668	669	670	671	672	673	674	675	676	677	678	679	680	681	682	683	684	685	686	687	688	689	690	691	692	693	694	695	696	697	698	699	700	701	702	703	704	705	706	707	708	709	710	711	712	713	714	715	716	717	718	719	720	721	722	723	724	725	726	727	728	729	730	731	732	733	734	735	736	737	738	739	740	741	742	743	744	745	746	747	748	749	750	751	752	753	754	755	756	757	758	759	760	761	762	763	764	765	766	767	768	769	770	771	772	773	774	775	776	777	778	779	780	781	782	783	784	785	786	787	788	789	790	791	792	793	794	795	796	797	798	799	800	801	802	803	804	805	806	807	808	809	810	811	812	813	814	815	816	817	818	819	820	821	822	823	824	825	826	827	828	829	830	831	832	833	834	835	836	837	838	839	840	841	842	843	844	845	846	847	848	849	850	851	852	853	854	855	856	857	858	859	860	861	862	863	864	865	866	867	868	869	870	871	872	873	874	875	876	877	878	879	880	881	882	883	884	885	886	887	888	889	890	891	892	893	894	895	896	897	898	899	900	901	902	903	904	905	906	907	908	909	910	911	912	913	914	915	916	917	918	919	920	921	922	923	924	925	926	927	928	929	930	931	932	933	934	935	936	937	938	939	940	941	942	943	944	945	946	947	948	949	950	951	952	953	954	955	956	957	958	959	960	961	962	963	964	965	966	967	968	969	970	971	972	973	974	975	976	977	978	979	980	981	982	983	984	985	986	987	988	989	990	991	992	993	994	995	996	997	998	999	1000
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DRAWING NUMBER 149011-800
 UNIT ASSEMBLY NAME CARD CAGE ASSY,CPU R.H.

STRING

UNIT ASSEMBLY NO 149011
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RECORD NUMBER	FROM				TO				WIRE	JEN	SECURITY	SIGNAL	SEC NO	EQUATION	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	31	32	33	34	35	36	37	38	39	40	41	42	43	44	45	46	47	48	49	50	51	52	53	54	55	56	57	58	59	60	61	62	63	64	65	66	67	68	69	70	71	72	73	74	75	76	77	78	79	80	81	82	83	84	85	86	87	88	89	90	91	92	93	94	95	96	97	98	99	100	101	102	103	104	105	106	107	108	109	110	111	112	113	114	115	116	117	118	119	120	121	122	123	124	125	126	127	128	129	130	131	132	133	134	135	136	137	138	139	140	141	142	143	144	145	146	147	148	149	150	151	152	153	154	155	156	157	158	159	160	161	162	163	164	165	166	167	168	169	170	171	172	173	174	175	176	177	178	179	180	181	182	183	184	185	186	187	188	189	190	191	192	193	194	195	196	197	198	199	200	201	202	203	204	205	206	207	208	209	210	211	212	213	214	215	216	217	218	219	220	221	222	223	224	225	226	227	228	229	230	231	232	233	234	235	236	237	238	239	240	241	242	243	244	245	246	247	248	249	250	251	252	253	254	255	256	257	258	259	260	261	262	263	264	265	266	267	268	269	270	271	272	273	274	275	276	277	278	279	280	281	282	283	284	285	286	287	288	289	290	291	292	293	294	295	296	297	298	299	300	301	302	303	304	305	306	307	308	309	310	311	312	313	314	315	316	317	318	319	320	321	322	323	324	325	326	327	328	329	330	331	332	333	334	335	336	337	338	339	340	341	342	343	344	345	346	347	348	349	350	351	352	353	354	355	356	357	358	359	360	361	362	363	364	365	366	367	368	369	370	371	372	373	374	375	376	377	378	379	380	381	382	383	384	385	386	387	388	389	390	391	392	393	394	395	396	397	398	399	400	401	402	403	404	405	406	407	408	409	410	411	412	413	414	415	416	417	418	419	420	421	422	423	424	425	426	427	428	429	430	431	432	433	434	435	436	437	438	439	440	441	442	443	444	445	446	447	448	449	450	451	452	453	454	455	456	457	458	459	460	461	462	463	464	465	466	467	468	469	470	471	472	473	474	475	476	477	478	479	480	481	482	483	484	485	486	487	488	489	490	491	492	493	494	495	496	497	498	499	500	501	502	503	504	505	506	507	508	509	510	511	512	513	514	515	516	517	518	519	520	521	522	523	524	525	526	527	528	529	530	531	532	533	534	535	536	537	538	539	540	541	542	543	544	545	546	547	548	549	550	551	552	553	554	555	556	557	558	559	560	561	562	563	564	565	566	567	568	569	570	571	572	573	574	575	576	577	578	579	580	581	582	583	584	585	586	587	588	589	590	591	592	593	594	595	596	597	598	599	600	601	602	603	604	605	606	607	608	609	610	611	612	613	614	615	616	617	618	619	620	621	622	623	624	625	626	627	628	629	630	631	632	633	634	635	636	637	638	639	640	641	642	643	644	645	646	647	648	649	650	651	652	653	654	655	656	657	658	659	660	661	662	663	664	665	666	667	668	669	670	671	672	673	674	675	676	677	678	679	680	681	682	683	684	685	686	687	688	689	690	691	692	693	694	695	696	697	698	699	700	701	702	703	704	705	706	707	708	709	710	711	712	713	714	715	716	717	718	719	720	721	722	723	724	725	726	727	728	729	730	731	732	733	734	735	736	737	738	739	740	741	742	743	744	745	746	747	748	749	750	751	752	753	754	755	756	757	758	759	760	761	762	763	764	765	766	767	768	769	770	771	772	773	774	775	776	777	778	779	780	781	782	783	784	785	786	787	788	789	790	791	792	793	794	795	796	797	798	799	800	801	802	803	804	805	806	807	808	809	810	811	812	813	814	815	816	817	818	819	820	821	822	823	824	825	826	827	828	829	830	831	832	833	834	835	836	837	838	839	840	841	842	843	844	845	846	847	848	849	850	851	852	853	854	855	856	857	858	859	860	861	862	863	864	865	866	867	868	869	870	871	872	873	874	875	876	877	878	879	880	881	882	883	884	885	886	887	888	889	890	891	892	893	894	895	896	897	898	899	900	901	902	903	904	905	906	907	908	909	910	911	912	913	914	915	916	917	918	919	920	921	922	923	924	925	926	927	928	929	930	931	932	933	934	935	936	937	938	939	940	941	942	943	944	945	946	947	948	949	950	951	952	953	954	955	956	957	958	959	960	961	962	963	964	965	966	967	968	969	970	971	972	973	974	975	976	977	978	979	980	981	982	983	984	985	986	987	988	989	990	991	992	993	994	995	996	997	998	999	1000
	03689		XA132	60																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																

DRAWING NUMBER		149011-803		STRING		UNIT ASSEMBLY NO		149011		REV D		INDEX		C4C58Q											
UNIT ASSEMBLY NAME		CARD CAGE ASSY, CPU R.H.		FILE IDENT		T3982CP2		DATE		09-03-82		PAGE		74											
RECORD NUMBER	FROM				TO				WIRE				SIGNAL	SPU NO	EQUATION	S	B	CKT OR CHIP TYPE	GROUP	LOAD OR POWER PLANE	TEST POINTS	SIGNAL DESCRIPTION	ECO NO		
	PREFIX	CONNECTOR	PIN	WIRE NO	PREFIX	CONNECTOR	PIN	WIRE NO	GROUP	CODE	COLOR	IDENT												WIRE NO	TEST POINTS
03746		XA412	40		XA409	23			168	9				CMC590	01	CMC5B1	01	1	TDD	E1		19A			
03747		XA409	23						168	9				CMC590	02	CMC590	00	1	TD4	B1		11B	C5 DATA IN		
03750		XA525	49		XA525	25			168	9				CMC68P	01	CN13TA	01	4	TD4	D1		26B			
03751		XA525	25		XA525	10			168	9				CMC68P	02	CN1ISA	01	4	TD4	B1		12B			
03752		XA525	10		XA412	33			168	9				CMC68P	03	CN10DA	01	1	TD4	A1		07A			
03753		XA412	33						168	9				CMC68P	04	CMC68P	00	1	TDD	FP		16B			
03754		XA525	72		XA529	42			168	9				CMC68Q	01	CN1ISA	01	3	TD4	F2		34A			
03755		XA529	42		XA412	31			168	9				CMC68Q	02	CN12SA	01	1	TQ2	C1		20A			
03756		XA412	31						168	9				CMC68Q	03	CMC68Q	00	1	TDD	FQ		15B			
03757		XA412	34		XA409	21			168	9				CMC69Q	01	CMC6B1	01	1	TDD	F1		16A			
03758		XA409	21						168	9				CMC69Q	02	CMC69Q	00	1	TD4	B2		10B	C6 DATA IN		
03761		XA525	73		XA525	24			168	9				CMC78P	01	CN01SA	01	1	TD4	F2		36B			
03762		XA525	24		XA411	11			168	9				CMC78P	02	CN1ISA	01	2	TD4	B1		13A			
03763		XA411	11						168	9				CMC78P	03	CMC78P	00	1	TDD	AP		05B			
03764		XA525	54		XA529	24			168	9				CMC78Q	01	CN13TA	01	2	TD4	D1		25A			
03765		XA529	24		XA525	06			168	9				CMC78Q	02	CN13SA	01	2	TQ2	B1		13A			
03766		XA525	06		XA411	13			168	9				CMC78Q	03	CN10DA	01	3	TD4	A1		05A			
03767		XA411	13						168	9				CMC78Q	04	CMC78Q	00	1	TDD	AQ		06B			
03768		XA411	08		XA408	59			168	9				CMC79Q	01	CMC7B1	01	1	TDD	A1		06A			
03769		XA408	59						168	9				CMC79Q	02	CMC79Q	00	1	TS8	E1		31B	C7 DATA IN		
03772		XA525	74		XA525	56			168	9				CMC88P	01	CN01SA	01	4	TD4	F2		35B			
03773		XA525	56		XA411	09			168	9				CMC88P	02	CN13TA	01	1	TD4	D1		26A			
03774		XA411	09						168	9				CMC88P	03	CMC88P	00	1	TDD	BP		04B			
03775		XA529	18		XA525	22			168	9				CMC88Q	01	CN14SA	01	2	TQ2	B2		10A			
03776		XA525	22		XA525	13			168	9				CMC88Q	02	CN1ISA	01	3	TD4	B1		12A			
03777		XA525	13		XA411	07			168	9				CMC88Q	03	CN10DA	01	4	TD4	A1		06B			
03778		XA411	07						168	9				CMC88Q	04	CMC88Q	00	1	TDD	BQ		03A			
03779		XA411	05		XA408	76			168	9				CMC89Q	01	CMC8B1	01	1	TDD	B1		03B			
03780		XA408	76						168	9				CMC89Q	02	CMC89Q	00	1	TS8	F1		37A	C8 DATA IN		
03783		XA411	23		XA220	73			168	9				CMC98P	01	CMC98P	00	1	TDD	CP		11B			
03784		XA220	73		XA207	50			168	9				CMC98P	02	CKM0D5	01	1	TQ2	F2		36B			
03785		XA207	50						168	9				CMC98P	03	CK00C0	01	1	TD4	D2		23A			
03786		XA411	25		XA219	07			168	9				CMC98Q	01	CMC9BQ	00	1	TDD	CQ		12B			
03787		XA219	07						168	9				CMC98Q	02	CKE1DA	01	7	TS8	A1		03A			
03790		XA411	24		XA405	11			168	9				CMC99Q	01	CMC9B1	01	1	TDD	C1		13A			
03791		XA405	11						168	9				CMC99Q	02	CMC99Q	00	1	TS8	A1		05B	C9 DATA IN		

DRAWING NUMBER 149011-800
 UNIT ASSEMBLY NAME CARD CAGE ASSY,CPU R.H.

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UNIT ASSEMBLY NO. 149011
 FILE IDENT T3982CF2

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RECORD NUMBER	FROM				TO				WIRE			MULTI-GROUP	CODE	COL IN	IDENT	SIGNAL	SEQ NO	EQUATION	TYPE	FUNCTION	CKT OR CHIP TYPE	WDRP	LOAD ON POWER PLANE	TEST POINTS AND JP	SIGNAL DESCRIPTION	ECO NO					
	PREFIX	CONNECTOR	PIN	NO	PREFIX	CONNECTOR	PIN	NO																							
03794		XA411	21		XA415	36		168	9				CMD1BP	01	CMD1BP	00	1	TDD	DP				108								
03795		XA415	36		XA415	40		168	9				CMD1BP	02	DC27X0	01	1	TQ2	C2				17A								
03796		XA415	40		XA429	20		168	9				CMD1BP	03	DC26X0	01	2	TQ2	C1				19A								
03797		XA429	20		XA133	79		168	9				CMD1BP	04	CDB43A	01	1	TD4	B2				11A								
03798		XA133	79		XA112	08		168	9				CMD1BP	05	CRDBLA	01	1	TD4	F1				39B								
03799		XA112	08					168	9				CMD1BP	06	ECDBCA	01	2	TD4	A1				06A								
03800		XA410	11		XA410	59		168	9				CMD1BQ	01	DC296A	01	1	TQ2	A4				05B								
03801		XA410	59		XA415	23		168	9				CMD1BQ	02	DC286A	01	1	TQ2	E4				31B								
03802		XA415	23		XA411	19		168	9				CMD1BQ	03	DC306A	01	1	TQ2	B4				11B								
03803		XA411	19		XA410	10		168	9				CMD1BQ	04	CMD1BQ	00	1	TDD	DQ				09B								
03804		XA410	10					168	9				CMD1BQ	05	CMD1P0	01	1	TQ2	A1				07A								
03807		XA430	31		XA410	06		168	9				CMD1P0	01	CDB36A	01	2	TQ2	C3				15B								
03808		XA410	06					168	9				CMD1P0	02	CMD1P0	00	1	TQ2	A1				05A			UNLOAD CMD1B					
03809		XA411	18		XA405	23		168	9				CMD190	01	CMD1B1	01	1	TDD	D1				10A								
03810		XA405	23					168	9				CMD190	02	CMD190	00	1	TS8	B1				11B			D1 DATA IN					
03813		XA410	04		XA411	35		168	9				CMD2BP	01	CM02Q0	01	1	TQ2	A2				04A								
03814		XA411	35		XA429	18		168	9				CMD2BP	02	CMD2BP	00	1	TDD	EP				17B								
03815		XA429	18		XA133	78		168	9				CMD2BP	03	CDB43A	01	2	TD4	B2				10A								
03816		XA133	78		XA112	06		168	9				CMD2BP	04	CRDBLA	01	4	TD4	F1				38A								
03817		XA112	06					168	9				CMD2BP	05	ECDBCA	01	3	TD4	A1				05A								
03818		XA410	61		XA411	37		168	9				CMD2BQ	01	DC286A	01	2	TQ2	E4				32B								
03819		XA411	37					168	9				CMD2BQ	02	CMD2BQ	00	1	TDD	EQ				18B								
03822		XA430	29		XA410	01		168	9				CMD2Q0	01	CDB36A	01	1	TQ2	C3				14B								
03823		XA410	01					168	9				CMD2Q0	02	CM02Q0	00	1	TQ2	A2				02B			UNLOAD CMD2B					
03824		XA411	40		XA405	35		168	9				CMD290	01	CMD2B1	01	1	TDD	E1				19A								
03825		XA405	35					168	9				CMD290	02	CM0290	00	1	TS8	C1				17B			D2 DATA IN					
03828		XA429	14		XA411	33		168	9				CMD3BP	01	CDB43A	01	3	TD4	B2				09A								
03829		XA411	33					168	9				CMD3BP	02	CMD3BP	00	1	TDD	FP				16B								
03830		XA411	31		XA410	13		168	9				CMD3BQ	01	CM03BQ	00	1	TDD	FQ				15B								
03831		XA410	13		XA112	10		168	9				CMD3BQ	02	DC296A	01	2	TQ2	A4				06B								
03832		XA112	10		XA133	75		168	9				CMD3BQ	03	ECDBCA	01	1	TD4	A1				07A								
03833		XA133	75					168	9				CMD3BQ	04	CRDBLA	01	3	TD4	F1				37B								
03834		XA411	34		XA405	47		168	9				CMD390	01	CMD3B1	01	1	TDD	FI				16A								
03835		XA405	47					168	9				CMD390	02	CM0390	00	1	TS8	D1				25B			D3 DATA IN					
03838		XA411	47		XA133	77		168	9				CMD4BP	01	CMD4BP	00	1	TDD	GP				25B								
03839		XA133	77					168	9				CMD4BP	02	CRDBLA	01	2	TD4	F1				38B								
**** SIGNAL (CMD4BQ) IS ON THE NEXT PAGE ****																															

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

STRING

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 PART IDENT T3982CP2

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RECORD NUMBER	FROM				TO				WRE	MULTI GROUP	CODE	COLOR	GENT	SIGNAL	SEQ NO	EQUATION	I	E	UNIT OR TYPE	GASP	LOAD OR POWER PLANE	TEST POINT	SIGNAL DESCRIPTION	TCO NO
	PREFIX	CONNECTOR	PIN	WIRE	PREFIX	CONNECTOR	PIN	WIRE																
03840		XA411	49		XA415	25		168	9					CMD48Q	01	CMD48Q	00	1	T00	GQ	288			
03841		XA415	25		XA429	19		168	9					CMD48Q	02	DC306A	01	2	T02	B4	128			
03842		XA429	19		XA112	13		168	9					CMD48Q	03	CD843A	01	4	T04	B2	098			
03843		XA112	13					168	9					CMD48Q	04	ECDBCA	01	4	T04	A1	068			
03846		XA411	54		XA405	59		168	9					CMD490	01	CMD48I	01	1	T00	GI	25A			
03847		XA405	59					168	9					CMD490	02	CMD490	00	1	TS8	E1	318	04 DATA IN		
03850		XA411	45		XA429	24		168	9					CMD58P	01	CMD58P	00	1	T00	HP	248			
03851		XA429	24		XA429	06		168	9					CMD58P	02	CC8LLA	01	2	T04	B1	13A			
03852		XA429	06		XA217	76		168	9					CMD58P	03	CCBHLA	01	3	T04	A1	05A			
03853		XA217	76		XA216	73		168	9					CMD58P	04	CKDBTA	01	2	TT3	F3	37A			
03854		XA216	73					168	9					CMD58P	05	CKDBLA	01	1	T04	F2	368			
03855		XA528	06		XA411	43		168	9					CMD58Q	01	CNDBSA	01	3	T04	A1	05A			
03856		XA411	43		XA120	77		168	9					CMD58Q	02	CMD59Q	00	1	T00	HQ	238			
03857		XA120	77		XA120	61		168	9					CMD58Q	03	CLDBTA	01	2	T04	F1	388			
03858		XA120	61		XA109	04		168	9					CMD58Q	04	CLM0DA	01	4	T04	E1	328			
03859		XA109	04					168	9					CMD58Q	05	ES0TXA	01	1	T04	A2	04A			
03862		XA411	48		XA405	76		168	9					CMD590	01	CMD58I	01	1	T00	HI	22A			
03863		XA405	76					168	9					CMD590	02	CMD590	00	1	TS8	F1	37A	05 DATA IN		
03866		XA411	59		XA429	22		168	9					CMD68P	01	CMD68P	00	1	T00	JP	318			
03867		XA429	22		XA429	04		168	9					CMD68P	02	CCBLLA	01	3	T04	B1	12A			
03868		XA429	04		XA120	66		168	9					CMD68P	03	CCDTRA	01	1	T04	A2	04A			
03869		XA120	66		XA109	05		168	9					CMD68P	04	CLM0DA	01	3	T04	E1	31A			
03870		XA109	05					168	9					CMD68P	05	ES0TXA	01	2	T04	A2	038			
03871		XA411	61		XA528	08		168	9					CMD68Q	01	CMD68Q	00	1	T00	JQ	328			
03872		XA528	08		XA429	08		168	9					CMD68Q	02	CNDBSA	01	2	T04	A1	06A			
03873		XA429	08		XA217	78		168	9					CMD68Q	03	CCBHLA	01	2	T04	A1	06A			
03874		XA217	78		XA216	71		168	9					CMD68Q	04	CKDBTA	01	3	TT3	F3	38A			
03875		XA216	71		XA120	75		168	9					CMD68Q	05	CKDBLA	01	2	T04	F2	36A			
03876		XA120	75					168	9					CMD68Q	06	CLDBTA	01	3	T04	F1	378			
03879		XA411	68		XA404	11		168	9					CMD690	01	CMD68I	01	1	T00	J1	32A			
03880		XA404	11					168	9					CMD690	02	CMD690	00	1	TS8	A1	058	06 DATA IN		
03883		XA411	57		XA528	13		168	9					CMD78P	01	CMD78P	00	1	T00	KP	308			
03884		XA528	13		XA429	10		168	9					CMD78P	02	CNDBSA	01	4	T04	A1	068			
03885		XA429	10		XA429	01		168	9					CMD78P	03	CCBHLA	01	1	T04	A1	07A			
03886		XA429	01		XA120	78		168	9					CMD78P	04	CCDTRA	01	3	T04	A2	028			
03887		XA120	78		XA120	68		168	9					CMD78P	05	CLDBTA	01	4	T04	F1	38A			
03888		XA120	68					168	9					CMD78P	06	CLM0DA	01	2	T04	E1	32A			
03889		XA411	55		XA429	25		168	9					CMD78Q	01	CMD78Q	00	1	T00	KQ	298			
03890		XA429	25		XA217	69		168	9					CMD78Q	02	CCBLLA	01	4	T04	B1	128			
03891		XA217	69		XA109	07		168	9					CMD78Q	03	CKDBTA	01	1	TT3	F3	35A			
03892		XA109	07					168	9					CMD78Q	04	ES0TXA	01	4	T04	A2	03A			

DRAWING NUMBER		149011-800		STRING		UNIT ASSEMBLY NO		149011		REF ID		DATE		PAGE		CM0780	
UNIT ASSEMBLY NAME		CARD CAGE ASSY, CPU R.H.		FILE IDENT		T39B2CP2		09-33-82		77							
RECORD NUMBER	PREFIX	CONNECTOR	PIN	PREFIX	CONNECTOR	PIN	MULTI GROUP	CODE	COLOR	WIRE	SIGNAL	REQ NO	EQUATION	TEST POINTS	SIGNAL DESCRIPTION	ECO NO	
03897		XA411	62								CM0790	01	CM0781	01 1	T00 KI		29A
03898		XA409	11		XA409	11		168	9		CM0790	02	CM0790	00 1	T04 A1		05B 07 DATA IN
03901		XA411	76		XA528	10		168	9		CM088P	01	CM088P	00 1	T00 LP		37A
03902		XA528	10		XA429	13		168	9		CM088P	02	CND85A	01 1	T04 A1		07A
03903		XA429	13		XA120	70		168	9		CM088P	03	CCBHLA	01 4	T04 A1		06B
03904		XA120	70		XA109	01		168	9		CM088P	04	CLM0DA	01 1	T04 E1		33A
03905		XA109	01					168	9		CM088P	05	ESOTXA	01 3	T04 A2		02B
03906		XA411	78		XA428	07		168	9		CM088Q	01	CM088Q	00 1	T00 LQ		38A
03907		XA428	07		XA429	07		168	9		CM088Q	02	CCBLQA	01 2	TQ2 A3		03A
03908		XA429	07		XA216	74		168	9		CM088Q	03	CCDTRA	01 4	T04 A2		03A
03909		XA216	74		XA120	79		168	9		CM088Q	04	CKDBLA	01 4	T04 F2		35B
03910		XA120	79					168	9		CM088Q	05	CLOBTA	01 1	T04 F1		39B
03913		XA411	77		XA404	23		168	9		CM0890	01	CM088I	01 1	T00 LI		38B
03914		XA404	23					168	9		CM0890	02	CM0890	00 1	TS8 B1		11B 08 DATA IN
03917		XA411	69		XA120	71		168	9		CM098P	01	CM098P	00 1	T00 MP		35A
03918		XA120	71		XA122	70		168	9		CM098P	02	CLDBN0	01 2	T04 F2		36A
03919		XA122	70		XA122	60		168	9		CM098P	03	CLDBL3	01 1	TT3 E1		33A
03920		XA122	60					168	9		CM098P	04	CLDBM0	01 2	TT3 E2		28A
03921		XA411	71		XA404	35		168	9		CM0990	01	CM098I	01 1	T00 MI		36A
03922		XA404	35					168	9		CM0990	02	CM0990	00 1	TS8 C1		17B 09 DATA IN
03923		XA347	34		XA347	10		168	9		CMG08A	01	CMG390	01 5	TS8 C1		16A
03924		XA347	10		XA445	06		168	9		CMG08A	02	CMG090	01 1	TS8 A1		07A
03925		XA445	06					168	9		CMG08A	03	CMG08A	00 1	TQ2 A1		05A CMG0/CMG3 DATA EX
03926		XA446	04		XA445	08		168	9		CMG080	01	CMG080	00 1	TT3 A1		04A CMG0/CMG3 DATA EX
03927		XA445	08					168	9		CMG080	02	CMG08A	01 2	TQ2 A1		06A
21608		XA550	23		XA347	11		168	9		CMG090	01			EXT		
03931		XA347	11					168	9		CMG090	02	CMG090	00 1	TS8 A1		05B GR CNTL. 00 DATA
21610		XA550	21		XA445	01		168	9		CMG190	01			EXT		
03935		XA445	01					168	9		CMG190	02	CMG190	00 1	TQ2 A2		02B GR CNTL. 01 DATA
21612		XA550	19		XA347	23		168	9		CMG290	01			EXT		
03939		XA347	23					168	9		CMG290	02	CMG290	00 1	TS8 B1		11B GR CNTL. 02 DATA
03940		XA347	42		XA445	09		168	9		CMG38A	01	CMG390	01 1	TS8 C1		20A
03941		XA445	09					168	9		CMG38A	02	CMG38A	00 1	TQ2 A3		04B GR CNTL. 03 DATA
03942		XA447	11		XA445	07		168	9		CMG380	01	CMG380	00 1	T04 A1		05B GR CNTL. 03 DATA
03943		XA445	07					168	9		CMG380	02	CMG38A	01 2	TQ2 A3		03A
											****	SIGNAL	CMG390	IS ON THE		NEXT PAGE	****

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DRAWING NUMBER 149011-800
 UNIT ASSEMBLY NAME CARD CAGE ASSY,CPU R.H.

STRING

UNIT ASSEMBLY NO 149011
 FILE IDENT T39B2CP2

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RECORD NUMBER	FROM			TO			WIRE	SIGNAL	EQUATION	TYPE	CAT OR TRIP TYPE	PROP	LOAD OR POWER PLANS	TEST POINTS AND/OR	SIGNAL DESCRIPTION	ECO NO
	PREFIX	CONNECTOR	PIN	PREFIX	CONNECTOR	PIN										
21614 03947	XA550 XA347	17 35		XA347	35		168 9 168 9	CMG390 CMG390	01 02		EXT TS8 C1			17B	GR CNTL. 03 DATA	
03948 03949	XA347 XA445	52 15		XA445	15		168 9 168 9	CMG48A CMG48A	01 02	CMG490 CMG48A	01 3 00 1	TS8 01 TQ2 A4		24A 07B	CM G4 (GA 00) H/S	
03950 03951	XA445 XA444	13 06		XA444	06		168 9 168 9	CMG480 CMG480	01 02	CMG48A CMG480	01 2 00 1	TQ2 A4 TQ2 A1		06B 05A	CM G4 (GA 00) H/S	
21616 03955	XA550 XA347	31 47		XA347	47		168 9 168 9	CMG490 CMG490	01 02		EXT TS8 01			25B	CM G4 (GA 00) DAT	
03956 03957	XA347 XA444	62 14		XA444	14		168 9 168 9	CMG58A CMG58A	01 02	CMG590 CMG58A	01 5 00 1	TS8 E1 TQ2 B2		29A 09A	CM G5 (GA 01) H/S	
03958 03959	XA446 XA444	07 18		XA444	18		168 9 168 9	CMG580 CMG580	01 02	CMG580 CMG58A	00 1 01 2	TT3 A2 TQ2 B2		03A 10A	CM G5 (GA 01) H/S	
21618 03963	XA550 XA347	29 55		XA347	55		168 9 168 9	CMG590 CMG590	01 02		EXT TS8 E1			31B	CM G5 (GA 01) DAT	
03964 03965	XA347 XA445	72 14		XA445	14		168 9 168 9	CMG68A CMG68A	01 02	CMG690 CMG68A	01 6 00 1	TS8 F1 TQ2 B2		34A 09A	CM G6 (GA 02) H/S	
03966 03967	XA446 XA445	15 18		XA445	18		168 9 168 9	CMG680 CMG680	01 02	CMG680 CMG68A	00 1 01 2	TT3 A3 TQ2 B2		07B 10A	CM G6 (GA 02) H/S	
21620 03971	XA550 XA347	27 76		XA347	76		168 9 168 9	CMG690 CMG690	01 02		EXT TS8 F1			37A	CM G6 (GA 02) DAT	
03972 03973	XA445 XA442	21 05		XA442	05		168 9 168 9	CMG78A CMG78A	01 02	CMG78A CMG790	00 1 01 5	TQ2 B3 TS8 A1		10B 03B	CM G7 (GA 03) H/S	
03974 03975	XA447 XA445	09 17		XA445	17		168 9 168 9	CMG780 CMG780	01 02	CMG780 CMG78A	00 1 01 1	TQ4 A2 TQ2 B3		04B 08B	CM G7 (GA 03) H/S	
21622 03975	XA550 XA442	25 11		XA442	11		168 9 168 9	CMG790 CMG790	01 02		EXT TS8 A1			05B	CM G7 (GA 03) DAT	
21624 03983	XA550 XA516	55 55		XA516	59		168 9 168 9	CMM08P CMM08P	01 02		EXT TQ2 E4			31B		
21626 03987	XA550 XA548	45 11		XA548	11		168 9 168 9	CMM090 CMM090	01 02		EXT TS8 A1			05B		
21628 03991	XA550 XA546	47 11		XA546	11		168 9 168 9	CMM190 CMM190	01 02		EXT TQ4 A1			05B		
21630 03995	XA550 XA548	45 23		XA548	23		168 9 168 9	CMM290 CMM290	01 02		EXT TS8 B1			11B		

DRAWING NUMBER 149011-800
 UNIT ASSEMBLY NAME CARD CAGE ASSY, CPU R.H.

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UNIT ASSEMBLY NO 149011
 FILE IDENT T39B2CP2

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RECORD NUMBER	FROM			TO			WIRE			MULTI GROUP	CODE	COL IN	IDENT	SEC INTC	SIGNAL	SEQ NO	EQUATION	TURNS	FACTOR	CKT OR CHIP TYPE	GROUP	LOAD OR POWER PLANE	TEST POINTS AND OP	SIGNAL DESCRIPTION	ECO NO	
	PREFIX	CONNECTOR	PIN	PREFIX	CONNECTOR	PIN	1	2	3																	
21632 03999		XA550 XA548	43 35		XA548	35					168 9				CMM390 CMM390	01 02	CMM390	00	1	EXT TS8	C1		17B	DTR PL0207YA2025		
21634 04003		XA550 XA548	41 47		XA548	47					168 9				CMM490 CMM490	01 02	CMM490	00	1	EXT TS8	O1		25B	INH MB0215YA0619		
21636 04007		XA550 XA548	39 59		XA548	59					168 9				CMM590 CMM590	01 02	CMM590	00	1	EXT TS8	E1		31B			
21638 04011		XA550 XA548	37 76		XA548	76					168 9				CMM690 CMM690	01 02	CMM690	00	1	EXT TS8	F1		37A			
21640 04015		XA550 XA547	35 11		XA547	11					168 9				CMM790 CMM790	01 02	CMM790	00	1	EXT TS8	A1		05B			
21642 04019		XA550 XA547	33 23		XA547	23					168 9				CMM890 CMM890	01 02	CMM890	00	1	EXT TS8	B1		11B			
21736 04023		XA551 XA546	15 09		XA546	09					168 9				CMN090 CMN090	01 02	CMN090	00	1	EXT TD4	A2		04B			
21644 04027		XA551 XA547	17 35		XA547	35					168 9				CMN190 CMN190	01 02	CMN190	00	1	EXT TS8	C1		17B			
21646 04031		XA551 XA547	19 47		XA547	47					168 9				CMN290 CMN290	01 02	CMN290	00	1	EXT TS8	D1		25B			
04032		XA530	77		XA523	11					168 9				CMP18P	01	CN093A	01	2	TT3	F1		38B			
04033		XA523	11		XA514	71					168 9				CMP18P	02	CMP18P	00	1	TDD	AP		35B			
04034		XA514	71		XA515	53					168 9				CMP18P	03	PQ06E0	01	2	TQ2	F2		36A			
04035		XA515	53		XA514	43					168 9				CMP18P	04	PQ05DA	01	3	TY3	E2		28B			
04036		XA514	43		XA515	35					168 9				CMP18P	05	PQ03DA	01	2	TQ2	D3		23B			
04037		XA515	35		XA508	13					168 9				CMP18P	06	PQ01DA	01	2	TY3	C3		17B			
04038		XA508	13								168 9				CMP18P	07	PQ06C0	01	8	TS8	A1		06B			
04039		XA530	33		XA523	13					168 9				CMP18Q	01	PQFETA	01	1	TT3	C3		16B			
04040		XA523	13		XA516	37					168 9				CMP18Q	02	CMP18Q	00	1	TDD	A0		06B			
04041		XA516	37		XA515	40					168 9				CMP18Q	03	PQ00SA	01	2	TQ2	C4		18B			
04042		XA515	40								168 9				CMP18Q	04	PQFESA	01	2	TY3	C1		19A			
04043		XA523	08		XA410	09					168 9				CMP190	01	CMP18I	01	1	TDD	A1		06A			
04044		XA410	09								168 9				CMP190	02	CMP190	00	1	TQ2	A3		04B			
04045		XA530	68		XA523	09					168 9				CMP28P	01	CN073A	01	2	TY3	E1		32A			
04046		XA523	09		XA515	33					168 9				CMP28P	02	CMP28P	00	1	TDD	BP		04B			
04047		XA515	33								168 9				CMP28P	03	PQ01DA	01	1	TY3	C3		16B			
04048		XA523	07		XA515	38					168 9				CMP28Q	01	CMP28Q	00	1	TDD	BQ		03A			
														****	SIGNAL	CMP28Q										IS ON THE NEXT PAGE ****

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DRAWING NUMBER 149011-800
 UNIT ASSEMBLY NAME CARD CAGE ASSY,CPU R.H.

STRING

UNIT ASSEMBLY NO 149011
 PART IDENT T3982CP2
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 DATE 09-03-82
 NCR CMP28Q
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RECORD NUMBER	FROM				TO				MULTI GROUP	CODE	COLOR	DENT	SIGNAL	SIGNAL NO	LOCATION	3 2 1	T T T	T T T	T T T	T T T	T T T	SIGNAL DESCRIPTION	ECO NO
	PREPARE	CONNECTOR	PIN	NO	PREPARE	CONNECTOR	PIN	NO															
04049		XA515	38		XA514	41			168	9			CMP28Q	02	PQFESA	01	3	TT3	C1			18A	
04050		XA514	41		XA515	60			168	9			CMP28Q	03	PQ03DA	01	1	TQ2	D3			22R	
04051		XA515	60						168	9			CMP28Q	04	PQ05DA	01	2	TT3	E2			28A	
04052		XA523	05		XA407	59			168	9			CMP290	01	CMP281	01	1	T00	B1			03B	
04053		XA407	59						168	9			CMP290	02	CMP290	00	1	T04	E1			31B	
04054		XA523	25		XA515	37			168	9			CMP38Q	01	CMP38Q	00	1	T00	C0			12B	
04055		XA515	37		XA515	42			168	9			CMP38Q	02	PQ01DA	01	3	TT3	C3			18B	
04056		XA515	42		XA515	62			168	9			CMP38Q	03	PQFESA	01	1	TT3	C1			23A	
04057		XA515	62						168	9			CMP38Q	04	PQ05DA	01	1	TT3	E2			29A	
04058		XA523	24		XA407	57			168	9			CMP390	01	CMP381	01	1	T00	C1			13A	
04059		XA407	57						168	9			CMP390	02	CMP390	00	1	T04	E2			30B	
04060		XA515	22		XA515	18			168	9			CMP48P	01	PQ08CA	01	3	TT3	B1			12A	
04061		XA515	18		XA510	14			168	9			CMP48P	02	PQ08LA	01	1	TT3	B2			10A	
04062		XA510	14		XA412	76			168	9			CMP48P	03	PT08JA	01	2	TT3	B2			09A	
04063		XA412	76						168	9			CMP48P	04	CMP48P	00	1	T00	LP			37A	
04064		XA511	49		XA515	30			168	9			CMP48Q	01	PQ16CA	01	2	TQ2	J4			26B	
04065		XA515	30		XA515	25			168	9			CMP48Q	02	PQPLDA	01	2	TT3	C2			15A	
04066		XA515	25		XA412	78			168	9			CMP48Q	03	PQ08TA	01	3	TT3	B3			12B	
04067		XA412	78						168	9			CMP48Q	04	CMP48Q	00	1	T00	LQ			38A	
04068		XA412	77		XA409	76			168	9			CMP490	01	CMP481	01	1	T00	L1			38B	
04069		XA409	76						168	9			CMP490	02	CMP490	00	1	T04	F1			37A	
04070		XA515	34		XA515	26			168	9			CMP58P	01	PQPLDA	01	1	TT3	C2			16A	
04071		XA515	26		XA515	21			168	9			CMP58P	02	PQ08CA	01	1	TT3	B1			14A	
04072		XA515	21		XA412	69			168	9			CMP58P	03	PQ08TA	01	1	TT3	B3			10B	
04073		XA412	69						168	9			CMP58P	04	CMP58P	00	1	T00	MP			35A	
04074		XA511	47		XA510	18			168	9			CMP58Q	01	PQ16CA	01	1	TQ2	D4			25B	
04075		XA510	18		XA515	17			168	9			CMP58Q	02	PT08JA	01	1	TT3	B2			10A	
04076		XA515	17		XA412	74			168	9			CMP58Q	03	PQ08LA	01	3	TT3	B2			08B	
04077		XA412	74						168	9			CMP58Q	04	CMP58Q	00	1	T00	MQ			35B	
04078		XA412	71		XA409	69			168	9			CMP590	01	CMP581	01	1	T00	M1			36A	
04079		XA409	69						168	9			CMP590	02	CMP590	00	1	T04	F2			35A	
04082		XA515	23		XA515	14			168	9			CMP68P	01	PQ08TA	01	2	TT3	B3			11B	
04083		XA515	14		XA412	59			168	9			CMP68P	02	PQ08LA	01	2	TT3	B2			09A	
04084		XA412	59		XA133	50			168	9			CMP68P	03	CMP68P	00	1	T00	JP			31B	
04085		XA133	50						168	9			CMP68P	04	CR03RA	01	1	T04	D2			23A	
04086		XA518	18		XA515	24			168	9			CMP68Q	01	PQ16B1	01	1	T00	D1			10A	
04087		XA515	24		XA515	29			168	9			CMP68Q	02	PQ08CA	01	2	TT3	B1			13A	
04088		XA515	29		XA510	17			168	9			CMP68Q	03	PQPLDA	01	3	TT3	C2			14B	
04089		XA510	17		XA412	61			168	9			CMP68Q	04	PT08JA	01	3	TT3	B2			08B	
									****	SIGNAL (CMP68Q) IS ON THE NEXT PAGE ****													

DRAWING NUMBER		149011-800		STRING		UNIT ASSEMBLY NO		149011		REV		D		DATE		09-03-82		PAGE		81				
UNIT ASSEMBLY NAME		CARD CAGE ASSY, CPU R.H.				FILE IDENT		T3982CP2																
RECORD NUMBER	FROM				TO				WIRE				SIGNAL	REQ NO	EQUATION	3	2	1	CON	PLANE	TEST POINTS	SIGNAL DESCRIPTION	ECO NO	
	PREFIX	CONNECTOR	PIN	WIRE	PREFIX	CONNECTOR	PIN	WIRE	CODE	COLOR	WIRE	WIRE												WIRE
04090		XA412	61					168	9					CMP68Q	05	CMP68Q	05	1	T00	JQ		32B		
04091		XA133	56			XA133	56	168	9					CMP68Q	06	CRO3CA	01	1	T04	D1		26A		
04094		XA412	68			XA409	59	168	9					CMP690	01	CMP69I	01	1	T00	J1		32A		
04095		XA409	59					168	9					CMP690	02	CMP69J	03	1	T04	E1		31B		
04096		XA510	38			XA510	34	168	9					CMP7BP	01	PT0B2A	01	3	TT3	C1		18A		
04097		XA510	34			XA510	25	168	9					CMP7BP	02	PT0B3A	01	1	TT3	C2		16A		
04098		XA510	25			XA412	57	168	9					CMP7BP	03	PT0B1A	01	3	TT3	B3		12B		
04099		XA412	57					168	9					CMP7BP	04	CMP7BP	00	1	T00	KP		30B		
04100		XA510	60			XA510	33	168	9					CMP7BQ	01	PT0JCA	01	2	TT3	E2		28A		
04101		XA510	33			XA510	13	168	9					CMP7BQ	02	PTCNLA	01	1	TT3	C3		16B		
04102		XA510	13			XA412	55	168	9					CMP7BQ	03	PT0BTA	01	3	TT3	A3		06B		
04103		XA412	55			XA513	78	168	9					CMP7BQ	04	CMP7BQ	00	1	T00	KQ		29B		
04104		XA513	78					168	9					CMP7BQ	05	PAUCTA	01	4	T04	F1		38A		
04105		XA412	62			XA409	57	168	9					CMP790	01	CMP78I	01	1	T00	KI		29A		
04106		XA409	57					168	9					CMP790	02	CMP790	03	1	T04	E2		30B		
04107		XA510	53			XA510	35	168	9					CMP8BP	01	PT0JCA	01	3	TT3	E2		28B		
04108		XA510	35			XA510	23	168	9					CMP8BP	02	PTCNLA	01	2	TT3	C3		17B		
04109		XA510	23			XA412	47	168	9					CMP8BP	03	PT0B1A	01	2	TT3	B3		11B		
04110		XA412	47					168	9					CMP8BP	04	CMP8BP	00	1	T00	GP		25B		
04111		XA510	40			XA510	30	168	9					CMP8BQ	01	PT0B2A	01	2	TT3	C1		19A		
04112		XA510	30			XA510	11	168	9					CMP8BQ	02	PT0B3A	01	2	TT3	C2		15A		
04113		XA510	11			XA412	49	168	9					CMP8BQ	03	PT0BTA	01	2	TT3	A3		05B		
04114		XA412	49			XA513	77	168	9					CMP8BQ	04	CMP8BQ	00	1	T00	GQ		26B		
04115		XA513	77					168	9					CMP8BQ	05	PAUCTA	01	2	T04	F1		38B		
04116		XA412	54			XA409	47	168	9					CMP890	01	CMP88I	01	1	T00	G1		25A		
04117		XA409	47					168	9					CMP890	02	CMP89J	00	1	T04	D1		25B		
04118		XA510	62			XA510	42	168	9					CMP9BP	01	PT0JCA	01	1	TT3	E2		29A		
04119		XA510	42			XA510	09	168	9					CMP9BP	02	PT0B2A	01	1	TT3	C1		20A		
04120		XA510	09			XA412	45	168	9					CMP9BP	03	PT0BTA	01	1	TT3	A3		04B		
04121		XA412	45					168	9					CMP9BP	04	CMP9BP	00	1	T00	HP		24B		
04122		XA510	37			XA510	29	168	9					CMP9BQ	01	PTCNLA	01	3	TT3	C3		18B		
04123		XA510	29			XA510	21	168	9					CMP9BQ	02	PT0B3A	01	3	TT3	C2		14B		
04124		XA510	21			XA412	43	168	9					CMP9BQ	03	PT0B1A	01	1	TT3	B3		10B		
04125		XA412	43			XA513	75	168	9					CMP9BQ	04	CMP9BQ	00	1	T00	HQ		23B		
04126		XA513	75					168	9					CMP9BQ	05	PAUCTA	01	3	T04	F1		37B		
04127		XA412	48			XA409	45	168	9					CMP990	01	CMP98I	01	1	T00	H1		22A		
04128		XA409	45					168	9					CMP990	02	CMP990	00	1	T04	O2		24B		
04129		XA515	01			XA515	08	168	9					CMQ1BP	01	PLCP2A	01	2	TT3	A2		02B		
04130		XA515	08			XA523	21	168	9					CMQ1BP	02	PLCPOA	01	2	TT3	A1		06A		
								****	SIGNAL					CMQ1BP										

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

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UNIT ASSEMBLY NO 149011
FILE IDENT T39B2CP2

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RECORD NUMBER	FROM				TO				CODE	UNIT	DENT	SIGNAL	UNIT ASSEMBLY NO	LOCATION	POINT	TYPE	SIGNAL DESCRIPTION	ECO NO
	PREFIX	CONNECTOR	PIN	POS	PREFIX	CONNECTOR	PIN	POS										
04131	XA523	21		XA504	53			168	9		CMQ1BP	03	CMQ1BP	05	1	TDD	DP	10B
04132	XA504	53		XA504	57			168	9		CMQ1BP	04	PLDBTA	01	3	TT3	E2	28B
04133	XA504	57		XA504	66			168	9		CMQ1BP	05	PLPTJA	01	1	TT3	E3	30B
04134	XA504	66		XA501	48			168	9		CMQ1BP	06	PLCNLA	01	3	TT3	E1	31A
18694	XA501	48						168	9		CMQ1BP	07	PLCP3A	01	2	TQ2	O2	22A
04135	XA419	65		XA523	19			168	9		CMQ1BQ	01	PTR23A	01	1	TQ2	F3	34B
04136	XA523	19		XA510	66			168	9		CMQ1BQ	02	CMQ1BQ	00	1	TDD	O0	29B
04137	XA510	66		XA509	64			168	9		CMQ1BQ	03	PTSRJA	01	3	TT3	E1	31A
04138	XA509	64						168	9		CMQ1BQ	04	PTRSUA	01	1	TQ2	E2	30A
04139	XA523	18		XA409	35			168	9		CMQ190	01	CMQ18I	01	1	TDD	O1	10A
04140	XA409	35						168	9		CMQ190	02	CMQ190	00	1	T04	C1	17B
04141	XA523	35		XA504	60			168	9		CMQ2BP	01	CMQ2BP	00	1	TDD	EP	17B
04142	XA504	60						168	9		CMQ2BP	02	PLDBTA	01	2	TT3	E2	28A
04143	XA509	76		XA515	05			168	9		CMQ2BQ	01	PT022A	01	1	TQ2	F4	37A
04144	XA515	05		XA515	08			168	9		CMQ2BQ	02	PLCP2A	01	1	TT3	A2	03B
04145	XA515	08		XA523	37			168	9		CMQ2BQ	03	PLCP3A	01	3	TT3	A1	05A
04146	XA523	37		XA504	61			168	9		CMQ2BQ	04	CMQ2BQ	00	1	TDD	EQ	18B
04147	XA504	61		XA504	68			168	9		CMQ2BQ	05	PLPTDA	01	3	TT3	E3	32B
04148	XA504	68		XA501	50			168	9		CMQ2BQ	06	PLCNLA	01	2	TT3	E1	32A
18701	XA501	50						168	9		CMQ2BQ	07	PLCP3A	01	1	TQ2	O2	23A
04149	XA523	40		XA407	76			168	9		CMQ290	01	CMQ28I	01	1	TDD	E1	19A
04150	XA407	76						168	9		CMQ290	02	CMQ290	00	1	T04	F1	37A
04151	XA523	33		XA504	70			168	9		CMQ3BP	01	CMQ3BP	00	1	TDD	FP	16B
04152	XA504	70						168	9		CMQ3BP	02	PLCNLA	01	1	TT3	E1	33A
04153	XA511	76		XA523	31			168	9		CMQ3BQ	01	PT032A	01	1	TQ2	F4	37A
04154	XA523	31		XA504	62			168	9		CMQ3BQ	02	CMQ3BQ	00	1	TDD	FQ	15B
04155	XA504	62		XA504	59			168	9		CMQ3BQ	03	PLDBTA	01	1	TT3	E2	29A
04156	XA504	59						168	9		CMQ3BQ	04	PLPTDA	01	2	TT3	E3	31B
04157	XA523	34		XA407	69			168	9		CMQ390	01	CMQ38I	01	1	TDD	F1	16A
04158	XA407	69						168	9		CMQ390	02	CMQ390	00	1	T04	F2	35A
04159	XA429	54		XA432	23			168	9		CMT18P	01	DTTDCA	01	2	T04	O1	25A
04160	XA432	23						168	9		CMT18P	02	CMT18P	00	1	TDD	CP	11B
04161	XA432	25		XA333	36			168	9		CMT18Q	01	CMT18Q	00	1	TDD	CQ	12B
04162	XA333	36						168	9		CMT18Q	02	JOECA04	01	1	TLD	C2	17A
04163	XA435	06		XA432	24			168	9		CMT190	01	CMT190	00	1	TQ2	A1	05A
04164	XA432	24						168	9		CMT190	02	CMT18I	01	1	TDD	CI	13A
04165	XA429	52		XA432	21			168	9		CMT2BP	01	DTTDCA	01	3	T04	O1	24A
04166	XA432	21						168	9		CMT2BP	02	CMT2BP	00	1	TDD	DP	10B

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

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UNIT ASSEMBLY NO 149011
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RECORD NUMBER	FROM				TO				WIRE			SIGNAL	SEQ NO	EQUATION	FILE	FACTOR	CMT OR CHIP TYPE	GROUP	LOAD OR POWER PLANE	TEST POINTS		SIGNAL DESCRIPTION	ECO NO	
	PREF. 1	CONNECTOR	PIN	WIRE	PREF. 2	CONNECTOR	PIN	WIRE	CO. IN	DENT	TEST POINT AND OR									TEST POINT OR				
04167		XA432	19		XA333	50		168	9			CMT280	01	CMT280	00	1	T00	D0		098				
04168		XA333	50					168	9			CMT280	02	J1TRAD4	01	1	T10	D2		23A				
04169		XA435	01		XA432	18		168	9			CMT290	01	CMT290	00	1	TQ2	A2		028	T2 DATA IN			
04170		XA432	18					168	9			CMT290	02	CMT281	01	1	T00	D1		10A				
04173		XA429	49		XA432	35		168	9			CMT38P	01	DTT0CA	01	4	T04	D1		268				
04174		XA432	35					168	9			CMT38P	02	CMT38P	00	1	T00	EP		178				
04175		XA432	37		XA331	50		168	9			CMT38Q	01	CMT38Q	00	1	T00	E0		188				
04176		XA331	50		XA350	71		168	9			CMT38Q	02	J0FRAD4	01	1	T10	D2		23A				
21650		XA350	71					168	9			CMT38Q	03					EXT						
04178		XA435	09		XA432	40		168	9			CMT390	01	CMT390	00	1	TQ2	A3		048	T3 DATA IN			
04179		XA432	40					168	9			CMT390	02	CMT381	01	1	T00	E1		19A				
21652		XA350	69		XA432	33		168	9			CMT48P	01					EXT						
04183		XA432	33					168	9			CMT48P	02	CMT48P	00	1	T00	FP		168				
21653		XA350	67		XA429	56		168	9			CMT48Q	01					EXT						
04185		XA429	56		XA432	31		168	9			CMT48Q	02	DTT0CA	01	1	T04	D1		26A				
04186		XA432	31					168	9			CMT48Q	03	CMT48Q	00	1	T00	FQ		158				
04189		XA436	11		XA432	34		168	9			CMT490	01	CMT490	00	1	TS8	A1		058	T4 DATA IN			
04190		XA432	34					168	9			CMT490	02	CMT481	01	1	T00	F1		16A				
04191		XA546	46		XA544	17		168	9			CM000A	01	C512FA	01	3	T04	D2		21A				
04192		XA544	17		XA540	10		168	9			CM000A	02	C507FA	01	3	TT3	B2		088				
04193		XA540	10		XA534	24		168	9			CM000A	03	C522FA	01	1	TT3	A1		07A				
04194		XA534	24		XA406	75		168	9			CM000A	04	C52240	01	2	TQ2	B1		13A				
04195		XA406	75		XA401	54		168	9			CM000A	05	CM000A	00	1	TQ2	F1		378	MODE 0-APOL			
04196		XA401	54		XA301	70		168	9			CM000A	06	C6150A	01	2	TT3	D1		25A				
04197		XA301	70		XA307	72		168	9			CM000A	07	C612LA	01	1	YS8	E1		33A				
04198		XA307	72		XA307	20		168	9			CM000A	08	C6140A	01	3	T04	F2		34A				
04199		XA307	20					168	9			CM000A	09	C6120A	01	1	T04	B2		11A				
04202		XA406	72		XA410	56		168	9			CM003A	01	CM003A	00	1	TQ2	F2		34A	MODE 3- APOL			
04203		XA410	56		XA446	45		168	9			CM003A	02	CM0030	01	1	TQ2	D1		26A				
04204		XA446	45		XA441	18		168	9			CM003A	03	C406GA	01	1	TT3	D3		248				
04205		XA441	18		XA440	05		168	9			CM003A	04	C4290A	01	2	TQ2	B2		10A				
04206		XA440	05		XA238	78		168	9			CM003A	05	C4245A	01	2	TQ2	A2		038				
04207		XA238	78		XA238	56		168	9			CM003A	06	C230EA	01	2	TQ2	F4		38A				
04208		XA238	56		XA229	03		168	9			CM003A	07	C224GA	01	1	TQ2	D1		26A				
04209		XA229	03					168	9			CM003A	08	C241FA	01	1	TQ2	A3		02A				
04218		XA504	76		XA530	37		168	9			CM0030	01	PQ033A	01	2	TT3	F3		37A				
04219		XA530	37		XA538	68		168	9			CM0030	02	PQFETA	01	3	TT3	C3		188				
04220		XA538	68		XA538	62		168	9			CM0030	03	C512VA	01	2	T04	E1		32A				
												****	SIGNAL	(CM0030)	IS ON THE NEXT PAGE ****									

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RECORD NUMBER	FROM				TO				UNIT	TYPE	DESCRIPTION	FUNCTION	SIGNAL	P.C. NO.
	PREFIX	CONNECTOR	PIN	NO.	PREFIX	CONNECTOR	PIN	NO.						
04221	XA538	62		XA545	34			168	9	CM0030	04	C513EA	01 7 T04 E2	29A
04222	XA545	34		XA444	68			168	9	CM0030	05	C507EA	01 2 T02 C2	16A
04223	XA444	68		XA440	54			168	9	CM0030	06	C4190A	01 7 T02 E1	32A
04224	XA440	54		XA441	19			168	9	CM0030	07	C462LA	01 2 T02 D1	25A
04225	XA441	19		XA410	52			168	9	CM0030	08	C429EA	01 7 T02 B3	09B
04226	XA410	52		XA406	47			168	9	CM0030	09	C40030	00 1 T02 D1	24A
04227	XA406	47		XA238	07			168	9	CM0030	10	C614HA	01 1 T02 D4	25B
04228	XA238	07						168	9	CM0030	11	C214KA	01 2 T02 A3	03A
04229	XA515	57		XA407	47			168	9	CM0NA0	01	PQ052A	01 1 TT3 E3	30B
04230	XA407	47						168	9	CM0NA0	02	CM0NA0	00 1 T04 D1	25B
04231	XA407	54		XA406	38			168	9	CM0NCA	01	CM0NA0	01 2 T04 D1	25A
04232	XA406	38						168	9	CM0NCA	02	CM0NCA	00 1 T02 C1	18A
04233	XA407	35		XA406	40			168	9	CM0NCO	01	CM0NCO	00 1 T04 C1	17B
04234	XA406	40						168	9	CM0NCO	02	CM0NCA	01 2 T02 C1	19A
04235	XA407	49		XA406	30			168	9	CM0NDA	01	CM0NDA	01 4 T04 D1	26A
04236	XA406	30						168	9	CM0NDA	02	CM0NDA	00 1 T02 C2	15A
04237	XA407	33		XA406	34			168	9	CM0NDO	01	CM0NDO	00 1 T04 C2	16B
04238	XA406	34						168	9	CM0NDO	02	CM0NDA	01 2 T02 C2	16A
04239	XA407	32		XA406	33			168	9	CM0NEA	01	CM0NA0	01 3 T04 D1	24A
04240	XA406	33						168	9	CM0NEA	02	CM0NEA	00 1 T02 C3	16B
04241	XA407	23		XA406	29			168	9	CM0NE0	01	CM0NE0	00 1 T04 B1	11B
04242	XA406	29						168	9	CM0NE0	02	CM0NEA	01 1 T02 C3	14B
04243	XA407	56		XA406	39			168	9	CM0NFA	01	CM0NA0	01 1 T04 D1	26A
04244	XA406	39						168	9	CM0NFA	02	CM0NFA	00 1 T02 C4	19B
04245	XA407	21		XA406	35			168	9	CM0NFO	01	CM0NE0	00 1 T04 B2	10B
04246	XA406	35						168	9	CM0NFO	02	CM0NFA	01 1 T02 C4	17B
04247	XA523	79		XA524	79			168	9	CNCPAB	01	CN158N	01 1 T00 LN	39B
04248	XA524	79		XA524	70			168	9	CNCPAB	02	CN108N	01 1 T00 LN	39B
04249	XA524	70		XA524	72			168	9	CNCPAB	03	CN088N	01 1 T00 JN	33A
04250	XA524	72		XA523	70			168	9	CNCPAB	04	CN118N	01 1 T00 MN	34A
04251	XA523	70		XA523	56			168	9	CNCPAB	05	CN138N	01 1 T00 JN	33A
04252	XA523	56		XA523	60			168	9	CNCPAB	06	CN128N	01 1 T00 GN	26A
04253	XA523	60		XA524	60			168	9	CNCPAB	07	CN148N	01 1 T00 KN	28A
04254	XA524	60		XA524	56			168	9	CNCPAB	08	CN098N	01 1 T00 KN	28A
04255	XA524	56		XA524	42			168	9	CNCPAB	09	CN068N	01 1 T00 GN	26A
04256	XA524	42		XA524	46			168	9	CNCPAB	10	CN048N	01 1 T00 EN	20A
04257	XA524	46		XA524	30			168	9	CNCPAB	11	CN078N	01 1 T00 HN	21A
04258	XA524	30		XA524	26			168	9	CNCPAB	12	CN058N	01 1 T00 FN	15A
04259	XA524	26		XA524	14			168	9	CNCPAB	13	CN028N	01 1 T00 CN	14A
04260	XA524	14		XA524	10			168	9	CNCPAB	14	CN038N	01 1 T00 DN	09A

**** SIGNAL (CNCPAB) IS ON THE NEXT PAGE ****

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

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UNIT ASSEMBLY NO 149011
FILE IDENT T3982CP2

REF ID 09-03-82
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RECORD NUMBER	FROM				TO				WIRE				SIGNAL	REQ NO	EQUATION		3 1 2 4	CAT OF THE TYPE	SNOP	SIGNAL DESCRIPTION	TEST POINTS AND/OR	SIGNAL DESCRIPTION	PCO NO
	PREFIX	CONNECTOR	PIN	CO L S	PREFIX	CONNECTOR	PIN	CO L S	MULTI GROUP	CODE	COLOR	IDENT			3	1							
04261		XA524	10		XA524	01			168	9			CNCPAB	15	CN00BN	01	1	TDD	AN	07A	CN REG CLOCK APOL		
04262		XA524	01		XA526	07			168	9			CNCPAB	16	CN01BN	01	1	TDD	BN	02B	CN REG CLOCK APOL		
04263		XA526	07		XA526	04			168	9		P	CNCP1A	17	CNCPAB	02	1	TT3	A2	03A			
04264		XA526	04		XA526	15			168	9		P	CNCP0A	18	CNCPAB	01	1	TT3	A1	04A			
04265		XA526	15						168	9		P	CNCP2A	19	CNCPAB	03	1	TT3	A3	07B			
04266		XA526	04									J	CNCP0A	01	CNCP0A	00	1	TT3	A1	04A	CNCPAB BUSS		
04267		XA526	07									J	CNCP1A	01	CNCP1A	00	1	TT3	A2	03A	CNCPAB BUSS		
04268		XA526	15									J	CNCP2A	01	CNCP2A	00	1	TT3	A3	07B	CNCPAB BUSS		
04269		XA531	06		XA325	77			168	9			CNDBLO	01	CNDBLO	00	1	TQ2	A1	05A	GA=0,GR TO DB		
04270		XA325	77		XA325	76			168	9			CNDBLO	02	DC03ND	01	2	TLD	F1	38B			
04271		XA325	76		XA325	71			168	9			CNDBLO	03	DC00ND	01	1	TLD	F4	37A			
04272		XA325	71		XA325	65			168	9			CNDBLQ	04	DC02ND	01	2	TLD	F2	36A			
04273		XA325	65		XA325	59			168	9			CNDBLO	05	DC01ND	01	1	TLD	F3	34B			
04274		XA325	59		XA325	55			168	9			CNDBLO	06	DC04ND	01	1	TLD	E4	31B			
04275		XA325	55						168	9			CNDBLO	07	DC05ND	01	2	TLD	E3	29B			
04276		XA531	01		XA328	77			168	9			CNDBMO	01	CNDBMO	00	1	TQ2	A2	02B	GA=0,GR TO DB UNL		
04277		XA328	77		XA328	71			168	9			CNDBMO	02	DC11ND	01	2	TLD	F1	38B			
04278		XA328	71		XA328	74			168	9			CNDBMO	03	DC10ND	01	2	TLD	F2	36A			
04279		XA328	74		XA325	68			168	9			CNDBMO	04	DC09ND	01	2	TLD	F3	35B			
04280		XA325	68		XA325	64			168	9			CNDBMO	05	DC07ND	01	2	TLD	E1	32A			
04281		XA325	64						168	9			CNDBMO	06	DC06ND	01	1	TLD	E2	30A			
04282		XA527	22		XA328	78			168	9			CNDBNO	01	CNDBNO	00	1	TQ2	B1	12A	GA=0,GR TO DB UNL		
04283		XA328	78		XA328	68			168	9			CNDBNO	02	DC08ND	01	2	TLD	F4	38A			
04284		XA328	68		XA328	61			168	9			CNDBNO	03	DC15ND	01	2	TLD	E1	32A			
04285		XA328	61		XA328	64			168	9			CNDBNO	04	DC12ND	01	2	TLD	E4	32B			
04286		XA328	64		XA328	55			168	9			CNDBNO	05	DC14ND	01	1	TLD	E2	30A			
04287		XA328	55						168	9			CNDBNO	06	DC13ND	01	2	TLD	E3	29B			
04288		XA527	14		XA327	56			168	9			CNDBPO	01	CNDBPO	00	1	TQ2	B2	09A	GA=0,GRU TO DBL U		
04289		XA327	56		XA327	47			168	9			CNDBPO	02	DC19ND	01	1	TLD	D1	26A			
04290		XA327	47		XA327	48			168	9			CNDBPO	03	DC16ND	01	1	TLD	D4	25B			
04291		XA327	48		XA327	41			168	9			CNDBPO	04	DC18ND	01	2	TLD	D2	22A			
04292		XA327	41		XA327	35			168	9			CNDBPO	05	DC17ND	01	1	TLD	D3	22B			
04293		XA327	35		XA327	31			168	9			CNDBPO	06	DC20ND	01	1	TLD	C4	17B			
04294		XA327	31						168	9			CNDBPO	07	DC21ND	01	2	TLD	C3	15B			
04295		XA529	01		XA327	42			168	9			CNDBQO	01	CNDBQO	00	1	TQ2	A2	02B			
04296		XA327	42		XA327	36			168	9			CNDBQO	02	DC23ND	01	1	TLD	C1	20A			
04297		XA327	36		XA328	24			168	9			CNDBQO	03	DC22ND	01	1	TLD	C2	17A			
04298		XA328	24		XA328	18			168	9			CNDBQO	04	DC27ND	01	2	TLD	B1	13A			
04299		XA328	18		XA327	23			168	9			CNDBQO	05	DC26ND	01	2	TLD	B2	10A			
04300		XA327	23		XA327	19			168	9			CNDBQO	06	DC24ND	01	1	TLD	B4	11B			
04301		XA327	19						168	9			CNDBQO	07	DC25ND	01	2	TLD	B3	09B			
													**** SIGNAL (CNDBRO) IS ON THE NEXT PAGE ****										

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DRAWING NUMBER 149011-800
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 FILE IDENT T39B2CP2

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RECORD NUMBER	FROM			TO			MULTIPLIER	GROUP	CCODE	COLOR	IDENT	SIGNAL	EQUATION	L	R	C	S	D	E	F	G	H	I	TEST POINTS AND OR	SIGNAL DESCRIPTION	ECO NO
	PREFIX	CONNECTOR	PIN	PREFIX	CONNECTOR	PIN																				
04304		XA527	01		XA329	10			168	9		CNDBRO	01	CNDBRO	00	1	TQ2	A2					02B	GA=0,GRU TO DBL U		
04305		XA329	10		XA329	11			168	9		CNDBRO	02	DC31ND	01	1	TLD	A1					07A			
04306		XA329	11		XA329	05			168	9		CNDBRO	03	DC28ND	01	1	TLD	A4					05B			
04307		XA329	05		XA329	03			168	9		CNDBRO	04	DC30ND	01	2	TLD	A2					03B			
04308		XA329	03						168	9		CNDBRO	05	DC29ND	01	1	TLD	A3					02A			
04309		XA529	04		XA528	11			168	9		CNDBSA	01	CNDBUQ	01	1	TQ2	A2					04A			
04310		XA528	11		XA527	05			168	9		CNDBSA	02	CNDBSA	00	1	TD4	A1					05B	BLO CN00150B1631-		
04311		XA527	05		XA527	20			168	9		CNDBSA	03	CNDBRO	01	2	TQ2	A2					03B			
04312		XA527	20						168	9		CNDBSA	04	CNDBPO	01	1	TQ2	B2					11A			
04313		XA531	71		XA531	70			168	9		CNDBTO	01	CN071A	01	2	TQ2	F2					36A			
04314		XA531	70		XA531	55			168	9		CNDBTO	02	CN051A	01	1	TQ2	E1					33A			
04315		XA531	55		XA531	56			168	9		CNDBTO	03	CN061A	01	2	TQ2	E3					29B			
04316		XA531	56		XA531	41			168	9		CNDBTO	04	CN031A	01	1	TQ2	D1					26A			
04317		XA531	41		XA531	31			168	9		CNDBTO	05	CN041A	01	1	TQ2	D3					22B			
04318		XA531	31		XA531	26			168	9		CNDBTO	06	CN021A	01	2	TQ2	C3					15B			
04319		XA531	26		XA531	25			168	9		CNDBTO	07	CN001A	01	1	TQ2	B1					14A			
04320		XA531	25		XA529	09			168	9		CNDBTO	08	CN011A	01	2	TQ2	B4					12B			
04321		XA529	09						168	9		CNDBTO	09	CNDBTO	00	1	TQ2	A3					04B	GA=0,DB TO GR/DBU		
04322		XA531	09		XA529	36			168	9		CNDBUQ	01	CNDBUQ	00	1	TQ2	A3					04B	GA=0,DB TO GR/DBU		
04323		XA529	36		XA529	43			168	9		CNDBUQ	02	CN121A	01	1	TQ2	C2					17A			
04324		XA529	43		XA527	42			168	9		CNDBUQ	03	CN081A	01	2	TQ2	D3					23B			
04325		XA527	42		XA527	43			168	9		CNDBUQ	04	CN131A	01	1	TQ2	C1					20A			
04326		XA527	43		XA527	65			168	9		CNDBUQ	05	CN151A	01	2	TQ2	D3					23B			
04327		XA527	65		XA529	61			168	9		CNDBUQ	06	CN141A	01	1	TQ2	F3					34B			
04328		XA529	61		XA529	70			168	9		CNDBUQ	07	CN101A	01	2	TQ2	E4					32B			
04329		XA529	70		XA529	71			168	9		CNDBUQ	08	CN091A	01	1	TQ2	E1					33A			
04330		XA529	71						168	9		CNDBUQ	09	CN111A	01	2	TQ2	F2					36A			
04331		XA531	65		XA531	61			168	9		CNDBVQ	01	CN072A	01	1	TQ2	F3					34B			
04332		XA531	61		XA531	64			168	9		CNDBVQ	02	CN062A	01	2	TQ2	E4					32B			
04333		XA531	64		XA531	49			168	9		CNDBVQ	03	CN052A	01	1	TQ2	E2					30A			
04334		XA531	49		XA531	48			168	9		CNDBVQ	04	CN042A	01	2	TQ2	D4					26B			
04335		XA531	48		XA531	42			168	9		CNDBVQ	05	CN032A	01	2	TQ2	D2					22A			
04336		XA531	42		XA531	37			168	9		CNDBVQ	06	CN012A	01	1	TQ2	C1					20A			
04337		XA531	37		XA531	20			168	9		CNDBVQ	07	CN022A	01	2	TQ2	C4					18B			
04338		XA531	20		XA529	15			168	9		CNDBVQ	08	CN002A	01	1	TQ2	B2					11A			
04339		XA529	15						168	9		CNDBVQ	09	CNDBVQ	00	1	TQ2	A4					07B	GA=0,DBL TO GRU		
04340		XA531	15		XA529	31			168	9		CNDBWQ	01	CNDBWQ	00	1	TQ2	A4					07B	GA=0,DBL TO GRU		
04341		XA529	31		XA527	59			168	9		CNDBWQ	02	CN122A	01	2	TQ2	C3					15B			
04342		XA527	59		XA527	49			168	9		CNDBWQ	03	CN132A	01	1	TQ2	E4					31B			
04343		XA527	49		XA529	49			168	9		CNDBWQ	04	CN152A	01	2	TQ2	D4					26B			
04344		XA529	49		XA529	64			168	9		CNDBWQ	05	CN082A	01	2	TQ2	D4					26B			
04345		XA529	64		XA529	65			168	9		CNDBWQ	06	CN092A	01	1	TQ2	E2					30A			
04346		XA529	65		XA529	74			168	9		CNDBWQ	07	CN112A	01	1	TQ2	F3					34B			
04347		XA529	74		XA529	79			168	9		CNDBWQ	08	CN142A	01	1	TQ2	F4					37A			
04348		XA529	79						168	9		CNDBWQ	09	CN102A	01	1	TQ2	F1					39B			

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

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RECORD NUMBER	FROM				TO				WIRE		SIGNAL	SEQ NO	EQUATION	TIE	FACTOR	CT OR CHP TYPE	GROUP	LOAD OR POWER PLANE	TEST POINTS AND/OR	SIGNAL DESCRIPTION	ECO NO
	PREFIX	CONNECTOR	PIN	WIRE NO	PREFIX	CONNECTOR	PIN	WIRE NO													
04349	XA530	66		XA530	56		168 9			CND8XA	01	CN073A	01	3	TT3	E1		31A			
04350	XA530	56		XA530	45		168 9			CND8XA	02	CN043A	01	1	TT3	D1		26A			
04351	XA530	45		XA530	48		168 9			CND8XA	03	CN063A	01	1	TT3	D3		24B			
04352	XA530	48		XA531	36		168 9			CND8XA	04	CN053A	01	1	TT3	D2		22A			
04353	XA531	36		XA530	30		168 9			CND8XA	05	CN013A	01	1	TQ2	C2		17A			
04354	XA530	30		XA529	21		168 9			CND8XA	06	CN023A	01	2	TT3	C2		15A			
04355	XA529	21		XA531	19		168 9			CND8XA	07	CND8XA	00	1	TQ2	B3		10B			
04356	XA531	19		XA526	33		168 9			CND8XA	08	CN003A	01	2	TQ2	B3		09B			
04357	XA526	33					168 9			CND8XA	09	CN033A	01	1	TT3	C3		16B			
04358	XA530	20		XA529	19		168 9			CND8X0	01	CND8X0	00	1	TT3	B1		11A	XFER DB TO CN		
04359	XA529	19		XA529	23		168 9			CND8X0	02	CND8XA	01	2	TQ2	B3		09B			
04360	XA529	23					168 9			CND8X0	03	CND8YA	01	1	TQ2	B4		11B			
04361	XA530	62		XA530	71		168 9			CND8YA	01	CN083A	01	1	TT3	E2		29A			
04362	XA530	71		XA530	75		168 9			CND8YA	02	CN103A	01	1	TT3	F2		36A			
04363	XA530	75		XA527	76		168 9			CND8YA	03	CN093A	01	3	TT3	F1		37B			
04364	XA527	76		XA526	72		168 9			CND8YA	04	CN113A	01	1	TQ2	F4		37A			
04365	XA526	72		XA526	53		168 9			CND8YA	05	CN153A	01	2	TT3	F2		34A			
04366	XA526	53		XA526	54		168 9			CND8YA	06	CN143A	01	3	TT3	E2		28B			
04367	XA526	54		XA529	27		168 9			CND8YA	07	CN133A	01	2	TT3	D1		25A			
04368	XA529	27		XA526	14		168 9			CND8YA	08	CND8YA	00	1	TQ2	B4		13B			
04369	XA526	14					168 9			CND8YA	09	CN123A	01	2	TT3	B2		09A			
04372	XA530	27		XA333	20		168 9			CN0UE0	01	CN0UE0	03	1	TT3	B3		13B	T0U/CPU ERROR TO		
04373	XA333	20					168 9			CN0UE0	02	JCPUED04	01	1	TLD	B2		11A			
04376	XA524	11		XA310	59		168 9			CN00BP	01	CN00BP	00	1	T0D	AP		05B			
04377	XA310	59		XA311	53		168 9			CN00BP	02	C337DA	01	2	TT3	E3		31B			
04378	XA311	53		XA309	48		168 9			CN00BP	03	C336CA	01	1	TQ2	E3		28B			
04379	XA309	48		XA309	38		168 9			CN00BP	04	C336HA	01	5	TS8	D1		22A			
04380	XA309	38					168 9			CN00BP	05	C337CA	01	3	TS8	C1		18A			
04381	XA531	17		XA524	13		168 9			CN00BQ	01	CN003A	01	1	TQ2	B3		08B			
04382	XA524	13		XA325	78		168 9			CN00BQ	02	CN00BQ	00	1	T0D	A0		06B			
04383	XA325	78		XA327	49		168 9			CN00BQ	03	DC00ND	01	2	TLD	F4		38A			
04384	XA327	49					168 9			CN00BQ	04	OC16ND	01	2	TLD	D4		26B			
04385	XA531	22		XA530	42		168 9			CN001A	01	CN001A	00	1	TQ2	B1		12A	DB00 TO CN00		
04386	XA530	42					168 9			CN001A	02	CN0090	01	1	TT3	C1		20A			
04387	XA531	14		XA530	38		168 9			CN002A	01	CN002A	00	1	TQ2	B2		09A	DB16 TO CN00		
04388	XA530	38					168 9			CN002A	02	CN0090	01	3	TT3	C1		18A			
04389	XA531	21		XA530	40		168 9			CN003A	01	CN003A	00	1	TQ2	B3		10B	HOLD CN00		
04390	XA530	40					168 9			CN003A	02	CN0090	01	2	TT3	C1		19A			
04391	XA530	36		XA524	08		168 9			CN0090	01	CN0090	00	1	TT3	C1		17A	SET CN00 DATA		
										**** SIGNAL	CN0090								IS ON THE NEXT PAGE ****		

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UNIT ASSEMBLY NO 149011
ELEMENT T39B2CP2

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RECORD NUMBER	FROM				TO				WIRE	MULTI GROUP	CODE	COLOR	IDENT	SIGNAL	SIG NO	EQUATION	3 2 1	E 4 3	L 4 3 2 1	GROUP	WIRE FOR PLANE	TEST POINTS AND/OR	SIGNAL DESCRIPTION	TCO NO
	PREFIX	CONNECTOR	PIN	WIRE	PREFIX	CONNECTOR	PIN	WIRE																
04392		XA524	08					168 9					CN0090	02	CN0081	01	1	T00	A1		08A			
04395		XA524	09		XA311	03		168 9					CN018P	01	CN018P	00	1	T00	BP		04B			
04396		XA311	03					168 9					CN018P	02	C347GA	01	1	TQ2	A3		02A			
04397		XA531	34		XA524	07		168 9					CN018Q	01	CN013A	01	2	TQ2	C2		16A			
04398		XA524	07		XA325	74		168 9					CN018Q	02	CN018Q	00	1	T00	H3		03A	STR PR00 ONLY-PR0		
04399		XA325	74		XA327	43		168 9					CN018Q	03	DC01ND	01	2	TLD	F3		39B			
04400		XA327	43					168 9					CN018Q	04	DC17ND	01	2	TLD	D3		23B			
04401		XA528	25		XA525	69		168 9					CN015A	01	CN0190	01	4	T04	B1		12B			
04402		XA525	69					168 9					CN015A	02	CN015A	00	1	T04	F2		35A	SET CN01- LC		
04403		XA531	27		XA528	22		168 9					CN011A	01	CN011A	00	1	TQ2	B4		13B	DB01 TO CN01		
04404		XA528	22					168 9					CN011A	02	CN0190	01	3	T04	B1		12A			
04405		XA531	38		XA528	26		168 9					CN012A	01	CN012A	00	1	TQ2	C1		18A	DB17 TO CN01		
04406		XA528	26					168 9					CN012A	02	CN0190	01	1	T04	B1		14A			
04407		XA531	30		XA528	24		168 9					CN013A	01	CN013A	00	1	TQ2	C2		15A	HOLD CN01		
04408		XA528	24					168 9					CN013A	02	CN0190	01	2	T04	B1		13A			
04409		XA528	23		XA524	05		168 9					CN0190	01	CN0190	00	1	T04	B1		11B	SET CN01 DATA		
04410		XA524	05					168 9					CN0190	02	CN0181	01	1	T00	B1		03B			
04411		XA530	29		XA524	25		168 9					CN028Q	01	CN023A	01	3	TT3	C2		14B			
04412		XA524	25		XA325	73		168 9					CN028Q	02	CN028Q	00	1	T00	CQ		12B			
04413		XA325	73		XA327	50		168 9					CN028Q	03	DC02ND	01	1	TLD	F2		36B			
04414		XA327	50					168 9					CN028Q	04	DC18ND	01	1	TLD	D2		23A			
04415		XA531	33		XA528	18		168 9					CN021A	01	CN021A	00	1	TQ2	C3		16B	DB02 TO CN02		
04416		XA528	18					168 9					CN021A	02	CN0290	01	2	T04	B2		10A			
04417		XA531	39		XA528	19		168 9					CN022A	01	CN022A	00	1	TQ2	C4		19B	DB18 TO CN02		
04418		XA528	19					168 9					CN022A	02	CN0290	01	4	T04	B2		09B			
04419		XA530	31		XA528	14		168 9					CN023A	01	CN023A	00	1	TT3	C2		15B	HOLD CN02		
04420		XA528	14					168 9					CN023A	02	CN0290	01	3	T04	B2		09A			
04421		XA528	21		XA524	24		168 9					CN0290	01	CN0290	00	1	T04	B2		10B	SET CN02 DATA		
04422		XA524	24					168 9					CN0290	02	CN0281	01	1	T00	C1		13A			
04423		XA526	35		XA524	19		168 9					CN038Q	01	CN033A	01	2	TT3	C3		17B			
04424		XA524	19		XA325	79		168 9					CN038Q	02	CN038Q	00	1	T00	D0		09B			
04425		XA325	79		XA327	54		168 9					CN038Q	03	DC03ND	01	1	TLD	F1		39B			
04426		XA327	54					168 9					CN038Q	04	DC19ND	01	2	TLD	D1		25A			
04427		XA531	52		XA528	42		168 9					CN031A	01	CN031A	00	1	TQ2	D1		24A	DB03 TO CN03		
04428		XA528	42					168 9					CN031A	02	CN0390	01	1	T04	C1		20A			
												****	SIGNAL (CN032A) IS ON THE NEXT PAGE						****					

RECORD NUMBER	FROM		TO		WIRE				MULTI GROUP	CODE	COLOR	INVT	SECURITY	SIGNAL	SEQ NO	EQUATION	3 P E R C E N T	F A C T O R	C H I P T Y P E	G R O U P	I N T E R F A C E	P I N C E P L A N E	F I R S T F O U N T N O T A T I O N	S I G N A L D E S C R I P T I O N	P I N N O	
	PREFIX	CONNECTOR	PIN	PIN	PREFIX	CONNECTOR	PIN	PIN																		
04429		XA531	46		XA528	38				168	9			CN032A	01	CN032A	00	1	TQ2	D2			21A	DB19 TO CN03		
04430		XA528	38							168	9			CN032A	02	CN0390	01	3	TD4	C1			18A			
04431		XA528	37		XA526	39				168	9			CN033A	01	CN0390	01	4	TD4	C1			18B			
04432		XA526	39							168	9			CN033A	02	CN033A	00	1	TT3	C3			19B	HOLD CN03		
04433		XA528	35		XA524	18				168	9			CN0390	01	CN0390	05	1	TD4	C1			17B	SET CN03 DATA		
04434		XA524	18							168	9			CN0390	02	CN0381	01	1	T00	D1			10A			
04435		XA530	52		XA524	37				168	9			CN048Q	01	CN043A	01	3	TT3	D1			24A			
04436		XA524	37		XA325	61				168	9			CN048Q	02	CN048Q	00	1	T00	E0			18B			
04437		XA325	61		XA327	37				168	9			CN048Q	03	DC04ND	01	2	TLD	E4			32B			
04438		XA327	37							168	9			CN048Q	04	DC20ND	01	2	TLD	C4			18B			
04439		XA531	45		XA528	30				168	9			CN041A	01	CN041A	00	1	TQ2	D3			24B	DB04 TO CN04		
04440		XA528	30							168	9			CN041A	02	CN0490	01	3	TD4	C2			15A			
04441		XA531	51		XA528	34				168	9			CN042A	01	CN042A	00	1	TQ2	D4			27B	DB20 TO CN04		
04442		XA528	34							168	9			CN042A	02	CN0490	01	2	TD4	C2			16A			
04443		XA530	50		XA528	31				168	9			CN043A	01	CN043A	00	1	TT3	D1			23A	HOLD CN04		
04444		XA528	31							168	9			CN043A	02	CN0490	01	4	TD4	C2			15B			
04445		XA528	33		XA524	40				168	9			CN0490	01	CN0490	00	1	TD4	C2			16B	SET CN04 DATA		
04446		XA524	40							168	9			CN0490	02	CN0481	01	1	T00	E1			19A			
04447		XA530	41		XA524	31				168	9			CN058Q	01	CN053A	01	3	TT3	D2			22B			
04448		XA524	31		XA325	53				168	9			CN058Q	02	CN058Q	00	1	T00	F0			15B			
04449		XA325	53		XA327	29				168	9			CN058Q	03	DC05ND	01	1	TLD	E3			28B			
04450		XA327	29							168	9			CN058Q	04	DC21ND	01	1	TLD	C3			14B			
04451		XA531	66		XA528	54				168	9			CN051A	01	CN051A	00	1	TQ2	E1			31A	DB05 TO CN05		
04452		XA528	54							168	9			CN051A	02	CN0590	01	2	TD4	D1			25A			
04453		XA531	60		XA528	52				168	9			CN052A	01	CN052A	00	1	TQ2	E2			28A	DB21 TO CN05		
04454		XA528	52							168	9			CN052A	02	CN0590	01	3	TD4	D1			24A			
04455		XA530	43		XA528	49				168	9			CN053A	01	CN053A	00	1	TT3	D2			23B	HOLD CN05		
04456		XA528	49							168	9			CN053A	02	CN0590	01	4	TD4	D1			26B			
04457		XA528	47		XA524	34				168	9			CN0590	01	CN0590	00	1	TD4	D1			25B	SET CN05 DATA		
04458		XA524	34							168	9			CN0590	02	CN0581	01	1	T00	F1			16A			
04461		XA530	47		XA524	49				168	9			CN068Q	01	CN063A	01	2	TT3	D3			25B			
04462		XA524	45		XA325	62				168	9			CN068Q	02	CN068Q	00	1	T00	G0			26B			
04463		XA325	62		XA327	34				168	9			CN068Q	03	DC06ND	01	2	TLD	E2			29A			
04464		XA327	34							168	9			CN068Q	04	DC22ND	01	2	TLD	C2			16A			
04465		XA530	49		XA529	54				168	9			CN06DA	01	CN063A	01	3	TT3	D3			26B			
04466		XA529	54		XA528	45				168	9			CN06DA	02	CN06D0	01	2	TQ2	D1			25A			
														****	SIGNAL	CN06DA			IS ON THE	NEXT PAGE		****				

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RECORD NUMBER	FROM				TO				WIRE			SIGNAL	SEQ NO	EQUATION	TERMS	FACTORS	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											
04467		XA528	45							188	9		CN06DA	03	CN06DA	00	1	T04	D2	24B	SET/RST CN06	
04468		XA531	79		XA529	52				188	9		CN06D0	01	CN064A	01	1	TQ2	F1	39B		
04469		XA529	52							188	9		CN06D0	02	CN06D0	00	1	TQ2	D1	24A		
04470		XA531	57		XA528	66				188	9		CN061A	01	CN061A	00	1	TQ2	E3	30B	DB06 TO CN06	
04471		XA528	66							188	9		CN061A	02	CN0690	01	3	T04	E1	31A		
04472		XA531	63		XA528	68				188	9		CN062A	01	CN062A	00	1	TQ2	E4	33B	DB22 TO CN06	
04473		XA528	68							188	9		CN062A	02	CN0690	01	2	T04	E1	32A		
04474		XA530	51		XA528	61				188	9		CN063A	01	CN063A	00	1	TT3	D3	27B	HOLD CN06	
04475		XA528	61							188	9		CN063A	02	CN0690	01	4	T04	E1	32B		
04476		XA531	75		XA528	70				188	9		CN064A	01	CN064A	00	1	TQ2	F1	37B	SET CN06 IF NO ME	
04477		XA528	70							188	9		CN064A	02	CN0690	01	1	T04	E1	33A		
04478		XA528	59		XA524	54				188	9		CN0690	01	CN0690	00	1	T04	E1	31B		
04479		XA524	54							188	9		CN0690	02	CN06B1	01	1	T00	G1	25A		
04480		XA530	70		XA524	43				188	9		CN07BQ	01	CN073A	01	1	YY3	E1	33A		
04481		XA524	43		XA325	70				188	9		CN07BQ	02	CN07BQ	00	1	T00	HQ	23B		
04482		XA325	70		XA327	40				188	9		CN07BQ	03	DC07ND	01	1	TLD	E1	33A		
04483		XA327	40							188	9		CN07BQ	04	DC23ND	01	2	TLD	C1	19A		
04484		XA531	72		XA528	62				188	9		CN071A	01	CN071A	00	1	TQ2	F2	34A	DB07 TO CN07	
04485		XA528	62							188	9		CN071A	02	CN0790	01	2	T04	E2	29A		
04486		XA531	69		XA528	64				188	9		CN072A	01	CN072A	00	1	TQ2	F3	35A	DB23 TO CN07	
04487		XA528	64							188	9		CN072A	02	CN0790	01	1	T04	E2	30A		
04488		XA530	64		XA528	55				188	9		CN073A	01	CN073A	00	1	TT3	E1	30A	HOLD CN07	
04489		XA528	55							188	9		CN073A	02	CN0790	01	4	T04	E2	29B		
04490		XA531	80		XA528	60				188	9		CN074A	01	CN074A	00	1	TQ2	F4	39A	PV=IV/HV/SV SET C	
04491		XA528	60		XA134	75				188	9		CN074A	02	CN0790	01	3	T04	E2	28A		
04492		XA134	75							188	9		CN074A	03	CR0190	01	3	TSB	F1	37B		
04495		XA528	57		XA524	48				188	9		CN0790	01	CN0790	00	1	T04	E2	30B	SET CN07 DATA	
04496		XA524	48							188	9		CN0790	02	CN07B1	01	1	T00	HI	22A		
04499		XA524	61		XA530	53				188	9		CN08BQ	01	CN08BQ	00	1	T00	JQ	32B		
04500		XA530	53		XA328	76				188	9		CN08BQ	02	CN083A	01	3	TT3	E2	28B		
04501		XA328	76		XA327	25				188	9		CN08BQ	03	DC08ND	01	1	TLD	F4	37A		
04502		XA327	25							188	9		CN08BQ	04	DC24ND	01	2	TLD	B4	12B		
04503		XA529	50		XA528	76				188	9		CN08DA	01	CN08D0	01	1	TQ2	D2	23A		
04504		XA528	76							188	9		CN08DA	02	CN08DA	00	1	T04	F1	37A	SET/RST CN08	
04505		XA530	57		XA529	46				188	9		CN08D0	01	CN084A	01	1	TT3	E3	30B		
												****	SIGNAL	CN08D0	1	IS ON THE	NEXT PAGE	****				

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

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RECORD NUMBER	FROM			TO			WIRE			SIGNAL	SEQ NO	EQUATION	TRK	FACTOR	CMT OR CHIP TYPE	GROUP	LOAD OR POWER PLANE	TEST POINTS AND/OR	SIGNAL DESCRIPTION	ECO NO
	PREF. #	CONNECTOR	PIN	PREF. #	CONNECTOR	PIN	MULT. GROUP	CODE	COL. #											
04506		XA529	46					168	9		CN0800	02	CN0800	00	1	TQ2	D2	21A		
04507		XA529	45		XA528	74		168	9		CN081A	01	CN081A	00	1	TQ2	D3	24B	DB08 TO CN08	
04508		XA528	74					168	9		CN081A	02	CN0890	01	4	TD4	F2	35B		
04509		XA529	51		XA528	71		168	9		CN082A	01	CN082A	00	1	TQ2	D4	27B	DB24 TO CN08	
04510		XA528	71					168	9		CN082A	02	CN0890	01	2	TD4	F2	36A		
04511		XA530	55		XA528	72		168	9		CN083A	01	CN083A	00	1	TT3	E2	29B	HOLD CN08	
04512		XA528	72					168	9		CN083A	02	CN0890	01	3	TD4	F2	34A		
04513		XA524	63		XA530	63		168	9		CN084A	01	CN088Q	01	1	TDD	JQ	33B		
04514		XA530	63					168	9		CN084A	02	CN084A	00	1	TT3	E3	33B	INPUT PARITY ERRO	
04515		XA528	69		XA524	68		168	9		CN0890	01	CN0890	00	1	TD4	F2	35A	SET CN08 DATA	
04516		XA524	68					168	9		CN0890	02	CN088I	01	1	TDD	J1	32A		
04519		XA530	79		XA524	55		168	9		CN09BQ	01	CN093A	01	1	TT3	F1	39B		
04520		XA524	55		XA328	65		168	9		CN09BQ	02	CN09BQ	00	1	TDD	KQ	29B		
04521		XA328	65		XA327	17		168	9		CN09BQ	03	DC09ND	01	1	TLD	F3	34B		
04522		XA327	17					168	9		CN09BQ	04	DC25ND	01	1	TLD	B3	08B		
04523		XA532	64		XA529	66		168	9		CN091A	01	CN0990	01	4	TS8	E1	30A		
04524		XA529	66					168	9		CN091A	02	CN091A	00	1	TQ2	E1	31A	DB09 TO CN09	
04525		XA532	66		XA529	60		168	9		CN092A	01	CN0990	01	3	TS8	E1	31A		
04526		XA529	60					168	9		CN092A	02	CN092A	00	1	TQ2	E2	28A	DB25 TO CN09	
04527		XA532	70		XA530	73		168	9		CN093A	01	CN0990	01	1	TS8	E1	33A		
04528		XA530	73					168	9		CN093A	02	CN093A	00	1	TT3	F1	36B	HOLD CN09	
04529		XA532	59		XA524	62		168	9		CN0990	01	CN0990	00	1	TS8	E1	31B	SET CN09 DATA	
04530		XA524	62					168	9		CN0990	02	CN098I	01	1	TDD	K1	29A		
04535		XA524	78		XA530	65		168	9		CN10BQ	01	CN108Q	00	1	TDD	LQ	38A		
04536		XA530	65		XA328	73		168	9		CN10BQ	02	CN103A	01	3	TT3	F2	34B		
04537		XA328	73		XA328	20		168	9		CN10BQ	03	DC10ND	01	1	TLD	F2	36B		
04538		XA328	20					168	9		CN10BQ	04	DC26ND	01	1	TLD	B2	11A		
04539		XA529	53		XA525	11		168	9		CN10DA	01	CN1000	01	1	TQ2	E3	28B		
04540		XA525	11					168	9		CN10DA	02	CN10DA	00	1	TD4	A1	05B	SET/RSY CN10	
04541		XA530	78		XA529	57		168	9		CN1000	01	CN104A	01	3	TT3	F3	38A		
04542		XA529	57					168	9		CN1000	02	CN1000	00	1	TQ2	E3	30B		
04543		XA529	63		XA525	07		168	9		CN101A	01	CN101A	00	1	TQ2	E4	33B	DB10 TO CN10	
04544		XA525	07					168	9		CN101A	02	CN1090	01	4	TD4	A2	03A		
04545		XA529	75		XA525	04		168	9		CN102A	01	CN102A	00	1	TQ2	F1	37B	DB26 TO CN10	
04546		XA525	04					168	9		CN102A	02	CN1090	01	1	TD4	A2	04A		

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RECORD NUMBER	FROM			TO			WIRE			SIGNAL	SEC NO.	EQUATION	2 1 2 3 4	2 1 2 3 4	2 1 2 3 4	2 1 2 3 4	2 1 2 3 4	2 1 2 3 4	2 1 2 3 4	2 1 2 3 4	SIGNAL DESCRIPTION	TCO NO.
	PREFIX	CONNECTOR	PIN	PREFIX	CONNECTOR	PIN	WIRE GROUP	CODE	COLOR													
04547 04548	XA530 XA525	74 05		XA525 05				168 168	9 9		CN103A CN103A	01 02	CN103A CN1090	00 01	1 2	TT3 TD4	F2 A2		35B 03B	HOLD CN10		
04549 04550	XA524 XA530	80 80		XA530 80				168 168	9 9		CN104A CN104A	01 02	CN10BQ CN104A	01 00	1 1	TDD TT3	LQ F3		39A 39A	SET CN10 IF TD10		
04551 04552	XA525 XA524	09 77		XA524 77				168 168	9 9		CN1090 CN1090	01 02	CN1090 CN10B1	00 01	1 1	TD4 TDD	A2 LI		04B 38B	SET CN10 DATA		
04555 04556 04557 04558	XA527 XA524 XA328 XA328	78 74 79 26		XA524 XA328 XA328 XA328	74 79 26			168 168 168 168	9 9 9 9		CN11BQ CN11BQ CN11BQ CN11BQ	01 02 03 04	CN113A CN11BQ DC11ND DC27ND	01 00 01 01	2 1 1 1	TQ2 TDD TLD TLD	F4 M0 F1 B1		38A 35B 39B 14A			
04559 04560 04561	XA527 XA525 XA131	34 23 41		XA525 XA131 41	23 41			168 188 188	9 9 9		CN115A CN115A CN115A	01 02 03	CN1150 CN115A CR051A	01 00 01	2 1 1	TQ2 TD4 TQ2	C2 B1 03		16A 11B 22B	SET CN11		
04564 04565	XA529 XA527	10 30		XA527 30				168 168	9 9		CN1150 CN1150	01 02	CN114A CN1150	01 00	1 1	TQ2 TQ2	A1 C2		07A 15A			
04566 04567	XA529 XA525	72 14		XA525 14				168 168	9 9		CN111A CN111A	01 02	CN111A CN1190	00 01	1 3	TQ2 TD4	F2 B2		34A 09A	DB11 TO CN11		
04568 04569	XA529 XA525	64 18		XA525 18				168 168	9 9		CN112A CN112A	01 02	CN112A CN1190	00 01	1 2	TQ2 TD4	F3 B2		35A 10A	DB27 TO CN11		
04570 04571	XA527 XA525	80 20		XA525 20				168 168	9 9		CN113A CN113A	01 02	CN113A CN1190	00 01	1 1	TQ2 TD4	F4 B2		39A 11A	HOLD CN11		
04572 04573 04574	XA134 XA529 XA525	38 06 19		XA529 XA525 19	06 19			188 168 168	9 9 9		CN114A CN114A CN114A	01 02 03	CR0290 CN114A CN1190	01 00 01	3 1 4	Y5B TQ2 TD4	C1 A1 B2		18A 05A 09B	SET CN11 IN FETCH		
04577 04578	XA525 XA524	21 71		XA524 71				168 168	9 9		CN1190 CN1190	01 02	CN1190 CN11B1	00 01	1 1	TD4 TDD	B2 M1		10B 36A	SET CN11 DATA		
04581 04582 04583 04584 04585	XA523 XA526 XA329 XA328 XA311	49 17 13 55 25		XA526 XA329 XA328 XA311 25	17 13 59 25			168 168 168 168 168	9 9 9 9 9		CN12BQ CN12BQ CN12BQ CN12BQ CN12BQ	01 02 03 04 05	CN12BQ CN123A DC28ND DC12ND C345PA	00 01 01 01 01	1 3 2 1 2	TDD TT3 TLD TLD TQ2	GQ B2 A4 E4 B4		26B 08B 06B 31B 12B			
04586 04587 04588 04589 04590	XA526 XA526 XA526 XA525 XA526 XA526	65 62 52 35 18 18		XA526 XA526 XA525 XA526 XA526 XA526	62 52 35 18 18			168 168 168 168 168 168	9 9 9 9 9 9		CN12CA CN12CA CN12CA CN12CA CN12CA CN12CA	01 02 03 04 05	CN153A CN143A CN133A CN12CA CN123A	01 01 01 00 01	3 1 3 1 1	TT3 TT3 TT3 TD4 TT3	F2 E2 D1 C1 B2		34B 29A 24A 17B 10A	CLE CN1215		

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RECORD NUMBER	FROM				TO				WIRE				SIGNAL	SEQ NO	EQUATION	3 WIRE	C OR TYPE	C OR TRAMP	-D UP DOWN PLANE	TEST POINTS AND/OR	SIGNAL DESCRIPTION	ECO NO	
	PREFIX	CONNECTOR	PIN	C S	PREFIX	CONNECTOR	PIN	C S	MULTI GROUP	CODE	COLOR	QUANT											
04591		XA527	33		XA526	22				16B	9			CN12DA	01	CN12DA	00	1	TQ2	C3	16B	ACZR*.ADZR* APOL	
04592		XA526	22							16B	9			CN12DA	02	CN12GO	01	3	TT3	B1	12A		
04593		XA527	39		XA526	24				16B	9			CN12EA	01	CN12EA	00	1	TQ2	C4	19B	AC00.AQ00* APOL	
04594		XA526	24							16B	9			CN12EA	02	CN12GO	01	2	TT3	B1	13A		
04595		XA527	52		XA526	26				16B	9			CN12FA	01	CN12FA	00	1	TQ2	D1	24A	AC00*.AQ00 APOL	
04596		XA526	26							16B	9			CN12FA	02	CN12GO	01	1	TT3	B1	14A		
04597		XA526	20		XA525	36				16B	9			CN12GO	01	CN12GO	00	1	TT3	B1	11A	(AC00=AQ00)*/(ACZ	
04598		XA525	36							16B	9			CN12GO	02	CN12SA	01	1	TD4	C2	17A		
04599		XA529	38		XA527	10				16B	9			CN12SA	01	CN12SA	00	1	TQ2	C1	18A	SET CN12	
04600		XA527	10							16B	9			CN12SA	02	CN12SO	01	1	TQ2	A1	07A		
04601		XA527	06		XA526	25				16B	9			CN12SO	01	CN12SO	00	1	TQ2	A1	05A		
04602		XA526	25		XA525	34				16B	9			CN12SO	02	CN124A	01	3	TT3	B3	12B		
04603		XA525	34		XA526	40				16B	9			CN12SO	03	CN125A	01	2	TD4	C2	16A		
04604		XA526	40							16B	9			CN12SO	04	CN126A	01	2	TT3	C1	19A		
04605		XA532	06		XA529	30				16B	9			CN121A	01	CN1290	01	3	TS8	A1	05A		
04606		XA529	30							16B	9			CN121A	02	CN121A	00	1	TQ2	C2	15A	DB12 TO CN12	
04607		XA532	08		XA529	33				16B	9			CN122A	01	CN1290	01	2	TS8	A1	06A		
04608		XA529	33							16B	9			CN122A	02	CN122A	00	1	TQ2	C3	16B	DB28 TO CN12	
04609		XA532	07		XA526	19				16B	9			CN123A	01	CN1290	01	7	TS8	A1	03A		
04610		XA526	19							16B	9			CN123A	02	CN123A	00	1	TT3	B2	09B	HOLD CN12	
04611		XA532	04		XA526	27				16B	9			CN124A	01	CN1290	01	4	TS8	A1	04A		
04612		XA526	27							16B	9			CN124A	02	CN124A	00	1	TT3	B3	13B	SET CN12 QUAL BY	
04613		XA532	13		XA525	33				16B	9			CN125A	01	CN1290	01	8	TS8	A1	06B		
04614		XA525	33							16B	9			CN125A	02	CN125A	00	1	TD4	C2	16B	SET CN12 QUAL BY	
04615		XA532	10		XA526	36				16B	9			CN126A	01	CN1290	01	1	TS8	A1	07A		
04616		XA526	36							16B	9			CN126A	02	CN126A	00	1	TT3	C1	17A	SET CN12 QUAL BY	
04617		XA532	11		XA523	54				16B	9			CN1290	01	CN1290	00	1	TS8	A1	05B	SET CN12 DATA	
04618		XA523	54							16B	9			CN1290	02	CN1281	01	1	TD0	G1	25A		
04621		XA523	59		XA525	31				16B	9			CN138P	01	CN138P	00	1	TD0	JP	31B		
04622		XA525	31		XA315	71				16B	9			CN138P	02	CN125A	01	4	TD4	C2	15B		
04623		XA315	71		XA315	76				16B	9			CN138P	03	C310SA	01	1	TT3	F2	36A		
04624		XA315	76		XA311	76				16B	9			CN138P	04	C310YA	01	2	TT3	F3	37A		
04625		XA311	76							16B	9			CN138P	05	C310QA	01	1	TQ2	F4	37A		
04626		XA523	61		XA526	56				16B	9			CN138Q	01	CN138Q	00	1	TD0	JQ	32B		
										****	SIGNAL	(CN138Q)	IS ON THE	NEXT PAGE	****								

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RECORD NUMBER	FROM			TO			MULTI GROUP	CODE	COLOR	IDENT	SIGNAL	SFC NO	EQUATION	3	T	M	OR	OR	OR	OR	LOAD OR POWER PLANE	TEST POINTS AND/OR	SIGNAL DESCRIPTION	ECO NO
	PREFIX	CONNECTOR	PIN	PREFIX	CONNECTOR	PIN																		
04627		XA526	56		XA527	17		18B	9		CN138Q	02	CN133A	01	1	TT3	01					28A		
04628		XA527	17		XA132	33		18B	9		CN138Q	03	CN13P0	01	1	TQ2	B3					08B		
04629		XA132	33		XA328	53		16B	9		CN138Q	04	CR026A	01	1	TT3	C3					16B		
04630		XA328	53		XA329	07		16B	9		CN138Q	05	DC13ND	01	1	TLD	E3					28B		
04631		XA329	07		XA314	17		16B	9		CN138Q	06	DC29ND	01	2	TLD	A3					03A		
04632		XA314	17					16B	9		CN138Q	07	C345QA	01	1	TQ2	B3					08B		
04637		XA527	09		XA525	46		16B	9		CN13DA	01	CN13DA	00	1	TQ2	A3					04B	AYSE.AY00 APOL	
04638		XA525	46		XA216	78		16B	9		CN13DA	02	CN135A	01	3	T04	D2					21A		
04639		XA216	78					16B	9		CN13DA	03	CR022A	01	4	T04	F1					38A		
04642		XA527	15		XA525	48		16B	9		CN13EA	01	CN13EA	00	1	TQ2	A4					07B	AYSE*.AY00* APOL	
04643		XA525	48		XA216	79		16B	9		CN13EA	02	CN135A	01	2	T04	U2					22A		
04644		XA216	79					16B	9		CN13EA	03	CR022A	01	1	T04	F1					39B		
04647		XA530	13		XA529	39		16B	9		CN13FA	01	CN13J0	01	3	TT3	A3					06B		
04648		XA529	39					16B	9		CN13FA	02	CN13FA	00	1	TQ2	C4					19B	A000.AL32	
04649		XA530	11		XA527	66		16B	9		CN13GA	01	CN13J0	01	2	TT3	A3					09B		
04650		XA527	66					16B	9		CN13GA	02	CN13GA	00	1	TQ2	E1					31A	AKDM.AL32	
04651		XA530	09		XA526	31		16B	9		CN13HA	01	CN13J0	01	1	TT3	A3					04B		
04652		XA526	31					16B	9		CN13HA	02	CN13HA	00	1	TT3	C2					15B	A000*.AL32*.AKDM*	
04655		XA132	30		XA530	15		18B	9		CN13J0	01	CR025A	01	2	TT3	C2					15A		
04656		XA530	15		XA526	47		16B	9		CN13J0	02	CN13J0	00	1	TT3	A3					07B	DIVIDE SET OF-QUAL	
04657		XA526	47					16B	9		CN13J0	03	CN136A	01	2	TT3	D3					25B		
04658		XA527	21		XA544	22		16B	9		CN13P0	01	CN13P0	00	1	TQ2	B3					10B	CN138P UNLOAD	
04659		XA544	22		XA544	13		16B	9		CN13P0	02	C506GA	01	3	TT3	B1					12A		
04660		XA544	13		XA438	77		16B	9		CN13P0	03	C505HA	01	3	TT3	A3					06B		
04661		XA438	77		XA435	56		16B	9		CN13P0	04	C451HA	01	2	TT3	F1					38B		
04662		XA435	56		XA438	23		16B	9		CN13P0	05	C450RA	01	1	TQ2	D1					26A		
04663		XA438	23		XA438	17		16B	9		CN13P0	06	C450TA	01	2	TT3	B3					11B		
04664		XA438	17					16B	9		CN13P0	07	C450SA	01	3	TT3	B2					08B		
04665		XA529	22		XA527	53		16B	9		CN13SA	01	CN13SA	00	1	TQ2	B1					12A	SET CN13	
04666		XA527	53					16B	9		CN13SA	02	CN1350	01	1	TQ2	E3					28B		
04667		XA530	10		XA527	57		16B	9		CN13S0	01	CN138A	01	1	TT3	A1					07A		
04668		XA527	57		XA526	41		16B	9		CN13S0	02	CN1350	00	1	TQ2	E3					30B		
04669		XA526	41		XA525	50		16B	9		CN13S0	03	CN134A	01	3	TT3	D2					22B		
04670		XA525	50					16B	9		CN13S0	04	CN135A	01	1	T04	D2					23A		
04671		XA527	25		XA525	47		16B	9		CN13TA	01	CN13T0	01	2	TQ2	B4					12B		
04672		XA525	47					16B	9		CN13TA	02	CN13TA	00	1	T04	D1					29B	SET CN13	
04673		XA527	27		XA526	49		16B	9		CN13T0	01	CN13T0	00	1	TQ2	B4					13B	SET CN13 LAF/LAH	
04674		XA526	49		XA526	70		16B	9		CN13T0	02	CN136A	01	3	TT3	D3					26B		
04675		XA526	70					16B	9		CN13T0	03	CN137A	01	1	TT3	E1					33A		

DRAWING NUMBER		149011-800		STRING		UNIT ASSEMBLY NO		149011		REV D		INDEX		CN13T0	
UNIT ASSEMBLY NAME		CARD CAGE ASSY, CPU R.H.		FILE IDENT		T3982CP2		DATE		09-03-82		PAGE		95	
RECORD NUMBER	FROM	TO	WIRE	SIGNAL	SEQ NO	EQUATION	TEST POINTS	SIGNAL DESCRIPTION	ECO NO						
	PREFIX	CONNECTOR	PIN	WIRE	CODE	CO. N	IDENT								
04676		XA532	14		168	9		CN131A	01	CN1390	01	6	TS8	B1	09A
04677		XA527	38		168	9		CN131A	02	CN131A	00	1	TQ2	C1	18A
															DB13 TO CN13
04678		XA532	22		168	9		CN132A	01	CN1390	01	3	TS8	B1	12A
04679		XA527	63		168	9		CN132A	02	CN132A	00	1	TQ2	E4	33B
															DB29 TO CN13
04680		XA532	25		168	9		CN133A	01	CN1390	01	8	TS8	B1	12B
04681		XA526	50		168	9		CN133A	02	CN133A	00	1	TT3	D1	23A
															HOLD CN13
04682		XA532	20		168	9		CN134A	01	CN1390	01	4	TS8	B1	11A
04683		XA526	43		168	9		CN134A	02	CN134A	00	1	TT3	D2	23B
															SET CN13 QUAL BY
04684		XA532	19		168	9		CN135A	01	CN1390	01	7	TS8	B1	09B
04685		XA525	45		168	9		CN135A	02	CN135A	00	1	TD4	D2	24B
															SET CN13 QUAL BY
04686		XA532	26		168	9		CN136A	01	CN1390	01	1	TS8	B1	14A
04687		XA526	51		168	9		CN136A	02	CN136A	00	1	TT3	D3	27B
															SET CN13 QUAL BY
04688		XA532	18		168	9		CN137A	01	CN1390	01	5	TS8	B1	10A
04689		XA526	64		168	9		CN137A	02	CN137A	00	1	TT3	E1	30A
															SET CN13 QUAL BY
04690		XA532	24		168	9		CN138A	01	CN1390	01	2	TS8	B1	13A
04691		XA530	04		168	9		CN138A	02	CN138A	00	1	TT3	A1	04A
04692		XA532	23		168	9		CN1390	01	CN1390	00	1	TS8	B1	11B
04693		XA523	68		168	9		CN1390	02	CN13BI	01	1	TDD	J1	32A
															SET CN13 DATA
04696		XA526	60		168	9		CN148Q	01	CN143A	01	2	TT3	E2	28A
04697		XA523	55		168	9		CN148Q	02	CN148Q	00	1	TDD	KQ	29B
04698		XA314	25		168	9		CN148Q	03	C345RA	01	2	TQ2	B4	12B
04699		XA328	62		168	9		CN148Q	04	DC14ND	01	2	TLD	E2	29A
04700		XA329	04		168	9		CN148Q	05	DC30ND	01	1	TLD	A2	04A
04701		XA529	14		168	9		CN145A	01	CN145A	00	1	TQ2	B2	09A
04702		XA527	71		168	9		CN145A	02	CN1450	01	2	TQ2	F2	36A
															SET CN14
04703		XA526	77		168	9		CN1450	01	CN145A	01	2	TT3	F1	38B
04704		XA527	72		168	9		CN1450	02	CN1450	00	1	TQ2	F2	34A
04705		XA526	61		168	9		CN1450	03	CN144A	01	3	TT3	E3	32B
04706		XA532	40		168	9		CN141A	01	CN1490	01	2	TS8	C1	19A
04707		XA527	69		168	9		CN141A	02	CN141A	00	1	TQ2	F3	35A
															DB14 TO CN14
04708		XA532	38		168	9		CN142A	01	CN1490	01	3	TS8	C1	18A
04709		XA529	80		168	9		CN142A	02	CN142A	00	1	TQ2	F4	39A
															DB30 TO CN14
04710		XA532	36		168	9		CN143A	01	CN1490	01	4	TS8	C1	17A
04711		XA526	55		168	9		CN143A	02	CN143A	00	1	TT3	E2	29B
															HOLD CN14

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RECORD NUMBER	FROM				TO				WIRE		SIGNAL	SIG NO	EQUATION	TEST POINT	SIGNAL DESCRIPTION	TCO NO
	PREFIX	CONNECTOR	PIN	WIRE	PREFIX	CONNECTOR	PIN	WIRE	CODE	COLOR						
04712		XA532	37		XA526	63			168	9	CN144A	01	CN1490	01 8 TS8 C1	188	
04713		XA526	63						168	9	CN144A	02	CN144A	00 1 TT3 E3	338	SET CN14 QUAL BY
04714		XA532	42		XA526	73			168	9	CN145A	01	CN1490	01 1 TS8 C1	20A	
04715		XA526	73						168	9	CN145A	02	CN145A	00 1 TT3 F1	368	SET CN14 QUAL BY
04716		XA532	35		XA523	62			168	9	CN1490	01	CN1490	00 1 TS8 C1	178	SET CN14 DATA
04717		XA523	62						168	9	CN1490	02	CN1481	01 1 TOD K1	29A	
04720		XA523	78		XA526	71			168	9	CN158Q	01	CN158Q	00 1 TOD L2	38A	
04721		XA526	71		XA528	70			168	9	CN158Q	02	CN153A	01 1 TT3 F2	36A	
04722		XA328	70		XA329	08			168	9	CN158Q	03	DC15ND	01 1 TLD E1	33A	
04723		XA329	08		XA314	08			168	9	CN158Q	04	DC31ND	01 2 TLD AI	06A	
04724		XA314	08						168	9	CN158Q	05	C345SA	01 2 TQ2 A1	06A	
04725		XA527	50		XA525	59			168	9	CN155A	01	CN155Q	01 1 TQ2 D2	23A	
04726		XA525	59						168	9	CN155A	02	CN155A	03 1 TD4 E1	318	SET CN15
04727		XA527	46		XA526	78			168	9	CN155Q	01	CN155Q	00 1 TQ2 D2	21A	
04728		XA526	78						168	9	CN155Q	02	CN154A	01 3 TT3 F3	38A	
04729		XA527	45		XA525	60			168	9	CN151A	01	CN151A	00 1 TQ2 D3	248	DB15 TO CN15
04730		XA525	60						168	9	CN151A	02	CN159Q	01 3 TD4 E2	28A	
04731		XA527	51		XA525	62			168	9	CN152A	01	CN152A	00 1 TQ2 D4	278	DB31 TO CN15
04732		XA525	62						168	9	CN152A	02	CN159Q	01 2 TD4 E2	29A	
04733		XA526	74		XA525	55			168	9	CN153A	01	CN153A	00 1 TT3 F2	358	HOLD CN15
04734		XA525	55						168	9	CN153A	02	CN159Q	01 4 TD4 E2	298	
04735		XA526	80		XA525	64			168	9	CN154A	01	CN154A	00 1 TT3 F3	39A	SET CN15 QUAL BY
04736		XA525	64						168	9	CN154A	02	CN159Q	01 1 TD4 E2	30A	
04737		XA525	57		XA523	77			168	9	CN159Q	01	CN159Q	00 1 TD4 E2	308	SET CN15 DATA
04738		XA523	77						168	9	CN159Q	02	CN1581	01 1 TOD L1	388	
04739		XA230	35		XA133	38			168	9	CPFS1A	01	CPFS1A	00 1 TD4 C1	178	
04740		XA133	38						168	9	CPFS1A	02	CRUSSO	01 3 TD4 C1	18A	
04740		XA514	54		XA407	45			168	9	CPRINO	01	PQ02PA	01 2 TQ2 D1	25A	
04740		XA407	45						168	9	CPRINO	02	CPRINO	00 1 TD4 D2	248	PRIVILEGED INSTRU
04742		XA147	29		XA231	59			168	9	CQALTA	01		EXT		
04742		XA231	59						168	9	CQALTA	02	CQALTA	00 1 TS8 E1	318	LTIN DECODE - A
04745		XA235	76		XA231	68			168	9	CQALXQ	01	CQALXQ	00 1 TS8 F1	37A	LTIN DECODE - C
04746		XA231	68						168	9	CQALXQ	02	CQALTA	01 2 TS8 E1	32A	
**** SIGNAL (CQALCA) IS ON THE NEXT PAGE ****																

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RECORD NUMBER	FROM			TO			WHT	SIGNAL	SQU NO	EQUATION	TINS	VALTOR	CAT OR CHIP TYPE	GROUP	LOAD OR POWER PLANE	TEST POINTS AND/OR	SIGNAL DESCRIPTION	ECO NO
	PREFIX	CONNECTOR	PIN	PREFIX	CONNECTOR	PIN												
21688 04816	XA250 XA229	51 57		XA229	57		168 9	CQABCO CQA8CO	01 02				EXT TQ2 E3			30B	MTH - 0	
21690 04820	XA250 XA229	53 63		XA229	63		168 9	CQA9CO CQA9CO	01 02				EXT TQ2 E4			33B	TQR - 0	
21692 04824	XA250 XA229	55 75		XA229	75		168 9	CQB1CO CQB1CO	01 02				EXT TQ2 F1			37B	DIF/DIH/RQF - 0	
21694 04828	XA147 XA229	31 72		XA229	72		168 9	CQB2CO CQB2CO	01 02				EXT TQ2 F2			34A	MPF/MPH/DIF/DIH -	
21696 04832	XA250 XA229	57 69		XA229	69		168 9	CQB3CO CQB3CO	01 02				EXT TQ2 F3			35A	MPF/MPH/SHF/SHH -	
21698 04836	XA147 XA230	33 76		XA230	76		168 9	CQB4CO CQB4CO	01 02				EXT TQ4 F1			37A	FEF/FEH/FIF/FIH/S	
21699 04838	XA147 XA229	37 80		XA229	80		168 9	CQB5CA CQB5CA	01 02				EXT TQ2 F4			39A	FEH/FIH/SHH - A	
21702 04844	XA147 XA230	35 69		XA230	69		168 9	CQB5CO CQB5CO	01 02				EXT TQ4 F2			35A 37A	FEH/FIH/SHH - 0	
04845	XA229	76		XA229	76		168 9	CQB5CO	03				TQ2 F4			37A		
04846 04847	XA307 XA305	30 06		XA305	06		168 9	CQC1CO CQC1CO	01 02				TQ4 C2 TQ2 A1			15A 05A		
04848 04849	XA306 XA305	06 08		XA305	08		168 9	CQC1CO CQC1CO	01 02				TQ2 A1 TQ2 A1			05A 06A	IO/EO/AN/EX	
04850 04851	XA306 XA305	03 01		XA305	01		168 9	CQC1CO CQC1CO	01 02				TQ2 A3 TQ2 A2			02A 02B	ROW2. (IO/EO/AN)*	
04854 04855	XA305 XA126	09 71		XA126	71		168 9	CQC3CO CQC3CO	01 02				TQ2 A3 TT3 F2			04B 36A	SLC QUAL AC00	
04858 04859	XA305 XA126	15 53		XA126	53		168 9	CQC3CO CQC3CO	01 02				TQ2 A4 TT3 E2			07B 28B	SLC QUAL AC00*	
20899 04863	XA217 XA126	63 61		XA126	61		168 9	CQC5CO CQC5CO	01 02				TT3 E3 TT3 E3			33B 32B		
04866 04867	XA301 XA126	11 79		XA126	79		168 9	CQC6CO CQC6CO	01 02				TS8 A1 TT3 F1			05B 39B	SLC QUAL ACZR*	
04870 04871	XA305 XA126	14 76		XA126	76		168 9	CQC7CO CQC7CO	01 02				TQ2 B2 TT3 F3			09A 37A	SLC QUAL ACZ1*	

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

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 FILE IDENT T3982CP2

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RECORD NUMBER	FROM				TO				WIRE				SIGNAL	SEC NO	EQUATION	SERIES	FACTORY	CHK ON CHIP TYPE	OHMP	LOAD OR POWER PLANE	TEST POINTS AND OR	SIGNAL DESCRIPTION	ECO NO		
	PREFIX	CONNECTOR	PIN	WIRE	PREFIX	CONNECTOR	PIN	WIRE	MULTI GROUP	CODE	COL IN	DENT												PC INST	
04874		XA526	21		XA305	27		168	9				CQC110	01	CN124A	01	1	TT3	B3		108				
04875		XA305	27					168	9				CQC110	02	CQC110	00	1	TQ2	B4		138	QUAL- AKCB			
04880		XA526	46		XA310	20		168	9				CQC140	01	CN134A	01	2	TT3	D2		21A				
04881		XA310	20		XA132	23		168	9				CQC140	02	CQC140	00	1	TT3	B1		11A	QUAL (ADSE=AD00)*			
04882		XA132	23					168	9				CQC140	03	CR023A	01	2	TT3	B3		11B				
04885		XA525	43		XA304	23		168	9				CQC150	01	CN135A	01	4	TD4	D2		23B				
04886		XA304	23		XA216	75		168	9				CQC150	02	CQC150	00	1	YS8	B1		11B	QUAL (AYSE=AY00)*			
04887		XA216	75					168	9				CQC150	03	CR022A	01	3	TD4	F1		37B				
04890		XA530	06		XA307	35		168	9				CQC160	01	CN138A	01	3	TT3	A1		05A				
04891		XA307	35					168	9				CQC160	02	CQC160	00	1	TD4	C1		17B	QUAL ADSE			
04894		XA526	59		XA307	33		168	9				CQC170	01	CN144A	01	2	TT3	E3		31B				
04895		XA307	33					168	9				CQC170	02	CQC170	00	1	TD4	C2		16B	QUAL AYHX			
04898		XA526	79		XA306	09		168	9				CQC180	01	CN145A	01	1	TT3	F1		39B				
04899		XA306	09					168	9				CQC180	02	CQC180	00	1	TQ2	A3		04B	QUAL ADZR			
04902		XA308	71		XA213	69		168	9				CQEXBP	01	CQEXQ0	01	2	TQ2	F2		36A				
04903		XA213	69					168	9				CQEXBP	02	CQEXBP	00	1	TDD	MP		35A				
04904		XA534	79		XA532	71		168	9				CQEXBQ	01	CQM08A	01	1	TQ2	F1		39B				
04905		XA532	71		XA534	59		168	9				CQEXBQ	02	CQM0EA	01	5	YS8	F1		36A				
04906		XA534	59		XA534	62		168	9				CQEXBQ	03	CQM07A	01	1	TQ2	E4		31B				
04907		XA534	62		XA534	53		168	9				CQEXBQ	04	CQM04A	01	2	TQ2	E2		29A				
04908		XA534	53		XA213	74		168	9				CQEXBQ	05	CQM05A	01	1	TQ2	E3		28B				
04909		XA213	74					168	9				CQEXBQ	06	CQEXBQ	00	1	TDD	MP		35B				
04912		XA512	74		XA512	70		168	9				CQEXQ0	01	PQ053A	01	7	TS8	F1		35B				
04913		XA512	70		XA512	56		168	9				CQEXQ0	02	PQ024A	01	1	TS8	E1		33A				
04914		XA512	56		XA512	40		168	9				CQEXQ0	03	PQ032A	01	1	TS8	D1		26A				
04915		XA512	40		XA516	35		168	9				CQEXQ0	04	PQ031A	01	2	TS8	C1		19A				
04916		XA516	35		XA308	72		168	9				CQEXQ0	05	PQ005A	01	1	TQ2	C4		17B				
04917		XA308	72					168	9				CQEXQ0	06	CQEXQ0	00	1	TQ2	F2		34A	CQEXBQ UNLOAD- IN			
04918		XA536	46		XA532	76		168	9				CQM0EA	01	CQM000	01	6	TS8	D1		21A				
04919		XA532	76					168	9				CQM0EA	02	CQM0EA	00	1	TS8	F1		37A	OE QUAL-(TXP/TCP)			
04920		XA532	79		XA535	75		168	9				CQM0FO	01	CQM0EA	01	1	TS8	F1		39B				
04921		XA535	75		XA546	79		168	9				CQM0FO	02	CQM0FO	00	1	TQ2	F1		37B				
04922		XA546	79					168	9				CQM0FO	03	CQM2GA	01	1	TD4	F1		39B				
04923		XA536	43		XA534	45		168	9				CQM0LA	01	CQM000	01	7	TS8	D1		23B				
04924		XA534	45					168	9				CQM0LA	02	CQM0LA	00	1	TQ2	D3		24B	OL QUAL-(LEV CHNG)			
21704		XA550	57		XA536	47		168	9				CQM000	01											
													****	SIGNAL	CQM000	IS ON THE NEXT PAGE ****									

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RECORD NUMBER	FROM			TO			WIRE			SIGNAL	SEG NO	LOCATION	CIRCUIT	TEST POINT	TEST POINT ACTION	SIGNAL DESCRIPTION	TCO NO
	PREFIX	CONNECTOR	PIN	PREFIX	CONNECTOR	PIN	WIRE NO	CODE	COLOR								
04928		XA536	47					168	9								
21706		XA550	59		XA535	51		168	9								
04932		XA535	51					168	9								
04934		XA534	51		XA550	61		168	9								
23033		XA550	61					168	9								
04937		XA538	69		XA534	49		168	9								
04938		XA534	49					168	9								
22440		XA551	77		XA534	66		168	9								
04940		XA534	66		XA535	68		168	9								
04941		XA535	68					168	9								
22442		XA551	79		XA535	66		168	9								
04947		XA535	66					168	9								
22434		XA551	71		XA534	60		168	9								
04949		XA534	60					168	9								
22062		XA551	39		XA534	57		168	9								
04953		XA534	57		XA535	62		168	9								
04954		XA535	62					168	9								
22055		XA551	37		XA535	60		168	9								
04960		XA535	60					168	9								
21719		XA551	01		XA534	63		168	9								
04962		XA534	63		XA535	55		168	9								
04963		XA535	55					168	9								
21729		XA551	07		XA535	57		168	9								
04965		XA535	57					168	9								
21723		XA551	05		XA534	75		168	9								
04971		XA534	75		XA535	61		168	9								
04972		XA535	61					168	9								
21726		XA551	03		XA535	63		168	9								
04978		XA535	63					168	9								
04979		XA538	72		XA534	72		168	9								
04980		XA534	72					168	9								
04981		XA547	59		XA534	71		168	9								
04982		XA534	71					168	9								
04983		XA538	74		XA534	69		168	9								
04984		XA534	69					168	9								

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UNIT ASSEMBLY NAME		CARD CAGE ASSY,CPU R.H.				FILE IDENT		T3982CP2		DATE		09-03-82		PAGE 102	
RECORD NUMBER	PREFIX	CONNECTION	PIN	PREFIX	CONNECTION	PIN	CODE	GROUP	SIGNAL	SFU NO	EQUATION	GROUP	TEST POINTS	SIGNAL DESCRIPTION	ECO NO
05029	XA512	61		XA305	56		168 9		CQP080	01	PQ024A	01 8	TS8 E1	32B	
05030	XA305	56		XA304	35		168 9		CQP080	02	CQP08A	01 1	TQ2 D1	26A	
05031	XA304	35					168 9		CQP080	03	CQP080	00 1	TS8 C1	17B	QUAL BY MASP.MAGR
05034	XA513	14		XA308	30		168 9		CQP110	01	PQ051A	01 3	TD4 B2	09A	
05035	XA308	30					168 9		CQP110	02	CQP110	00 1	TQ2 C2	15A	QUAL BY MASP.MAGR
05036	XA513	79		XA510	07		168 9		CQP15A	01	PAUCTA	01 1	TD4 F1	39B	
05037	XA510	07					168 9		CQP15A	02	CQP15A	00 1	TT3 A2	03A	INH AUC-TQR.EZ.ACZ
05038	XA117	79		XA135	69		168 9		CRCPXA	01	ES01BN	01 1	TDD LN	39B	
05039	XA135	69		XA215	70		168 9		CRCPXA	02	CRCPXA	00 1	TQ2 F3	35A	
05040	XA215	70					168 9		CRCPXA	03	CS08BN	01 1	TDD JN	35A	
05041	XA131	75		XA129	42		168 9		CRCPXA	01	CRCPJA	00 1	TQ2 F1	37B	GATED CLOCK-CONTR
05042	XA129	42		XA129	30		168 9		CRCPXA	02	CR04BN	01 1	TDD EN	20A	
05043	XA129	30		XA129	28		168 9		CRCPXA	03	CR03BN	01 1	TDD FN	13A	
05044	XA129	26		XA129	14		168 9		CRCPXA	04	CR02BN	01 1	TDD CN	14A	
05045	XA129	14		XA129	10		168 9		CRCPXA	05	CR03BN	01 1	TDD DN	09A	
05046	XA129	10		XA129	01		168 9		CRCPXA	06	CR00BN	01 1	TDD AN	07A	
05047	XA129	01		XA117	72		168 9		CRCPXA	07	CP11BN	01 1	TDD BN	02B	COZ
18401	XA117	72					168 9		CRCPXA	08	CR12BN	01 1	TDD MN	34A	COZ
05048	XA133	76		XA131	71		168 9		CRDBLA	01	CRDBLA	00 1	TD4 F1	37A	STATUS TO DB0007
05049	XA131	71		XA131	74		168 9		CRDBLA	02	CRDBLO	01 2	TQ2 F2	36A	
05050	XA131	74					168 9		CRDBLA	03	CRDBMO	01 2	TQ2 F3	35B	
05053	XA326	77		XA326	78		168 9		CRDBLO	01	DC03RD	01 2	TLD F1	38B	
05054	XA326	78		XA326	73		168 9		CRDBLO	02	DC00RD	01 2	TLD F4	38A	
05055	XA326	73		XA326	74		168 9		CRDBLO	03	DC02RD	01 1	TLD F2	36B	
05056	XA326	74		XA131	72		168 9		CRDBLO	04	DC01RD	01 2	TLD F3	35B	
05057	XA131	72					168 9		CRDBLO	05	CRDBLO	00 1	TQ2 F2	34A	
05060	XA326	70		XA326	61		168 9		CRDBMO	01	DC07RD	01 1	TLD E1	33A	
05061	XA326	61		XA326	64		168 9		CRDBMO	02	DC04RD	01 2	TLD E4	32B	
05062	XA326	64		XA326	53		168 9		CRDBMO	03	DC06RD	01 1	TLD E2	30A	
05063	XA326	53		XA131	69		168 9		CRDBMO	04	DC05RD	01 1	TLD E3	28B	
05064	XA131	69					168 9		CRDBMO	05	CRDBMO	00 1	TQ2 F3	35A	
18472	XA120	31		XA135	76		168 9		CRUNBP	01	CRUSSA	01 4	TD4 C2	15B	
05067	XA135	76		XA137	73		168 9		CRUNBP	02	CRUNQO	01 1	TQ2 F4	37A	
19024	XA137	73		XA332	17		168 9		CRUNBP	025	KCP5DOX	01 1	DCF 04	35B	
05069	XA332	17		XA129	69		168 9		CRUNBP	03	UCPUSD	01 1	TLD B3	08B	
05070	XA129	69		XA230	30		168 9		CRUNBP	04	CRUNBP	00 1	TDD MP	35A	
18590	XA230	30		XA205	77		168 9		CRUNBP	045	YPWFCA	01 3	TD4 C2	15A	
05071	XA205	77					168 9		CRUNBP	05	CS08SA	01 2	TT3 F1	38B	
18673	XA431	06		XA432	04		168 9		CRUNBQ	00	CTMXBP	01 1	TDD AP	05A	
**** SIGNAL (CRUNBO) IS ON THE NEXT PAGE ****															

DRAWING NUMBER		149011-800		STRING		UNIT ASSEMBLY NO		149011		REV D		INDEX		CRUNBQ									
UNIT ASSEMBLY NAME		CARD CAGE ASSY, CPU R.H.				FILE IDENT		T3982CP2		DATE		09-03-82		PAGE 103									
RECORD NUMBER	FROM			TO			WIRE	MULTI GROUP	CODE	CIRCUIT	IDENT	SIGNAL	REQ NO	EQUATION	I	Z	INT	INT	INT	LOAD	PST	SIGNAL DESCRIPTION	ECO NO
	PREF #	CONNECTOR	PIN	PREF #	CONNECTOR	PIN																	
05072		XA432	04		XA330	48	168	9				CRUNBQ	01	CTGMBP	01	1	TDD	BP			04A		
05073		XA330	48		XA330	10	168	9				CRUNBQ	02	UCPURD	01	2	TLD	D2			22A		
05074		XA330	10		XA344	64	168	9				CRUNBQ	03	DE311D	01	1	TLD	A1			07A		
05075		XA344	64		XA346	06	168	9				CRUNBQ	04	CTMMBP	01	1	TDD	KP			30A		
05076		XA346	06		XA346	07	168	9				CRUNBQ	05	CTNCOA	01	3	TD4	A1			05A		
05077		XA346	07		XA129	74	168	9				CRUNBQ	06	CTNCA1A	01	4	TD4	A2			03A		
05078		XA129	74				168	9				CRUNBQ	07	CRUNBQ	03	1	TDD	MQ			35B		
05081		XA129	72		XA133	33	168	9				CRUNCA	01	CRUNBN	01	1	TDD	MN			34A		
05082		XA133	33				168	9				CRUNCA	02	CRUNCA	00	1	TD4	C2			16B		
05083		XA135	80		XA333	35	168	9				CRUNQ0	01	CRUNQ0	00	1	TQ2	F4			39A		
05084		XA333	35				168	9				CRUNQ0	02	JITRS04	01	1	TLD	C4			17B		
05085		XA206	74		XA215	11	168	9				CRUSBP	01	CS382A	01	2	TQ2	F3			35B		
05086		XA215	11				168	9				CRUSBP	02	CRUSBP	00	1	TDD	AP			05B		
05087		XA211	03		XA211	05	168	9				CRUSBQ	01	CSCPEA	01	1	TQ2	A3			02A		
05088		XA211	05		XA211	10	168	9				CRUSBQ	02	CSCPDA	01	2	TQ2	A2			03B		
05089		XA211	10		XA215	13	168	9				CRUSBQ	03	CSCPDA	01	1	TQ2	A1			07A		
05090		XA215	13		XA129	71	168	9				CRUSBQ	04	CRUSBQ	00	1	TDD	AQ			06B	ENA RUN FF Y/INH	
05091		XA129	71		XA134	25	168	9				CRUSBQ	05	CRUNBI	01	1	TDD	MI			36A		
05092		XA134	25				168	9				CRUSBQ	06	CRUS0A	01	8	TS8	B1			12B		
05093		XA132	68		XA131	63	168	9				CRUSE0	01	CRUS4A	01	2	TT3	E1			32A		
05094		XA131	63				168	9				CRUSE0	02	CRUSE0	00	1	TQ2	E4			33B	STOP CONDITIONS F	
05095		XA132	49		XA131	57	168	9				CRUSFO	01	CRUS5A	01	3	TT3	D3			26B		
05096		XA131	57				168	9				CRUSFO	02	CRUSFO	00	1	TQ2	E3			30B	STOP COND FOR POW	
20903		XA224	69		XA120	36	168	9				CRUSGA	01	CRUSGA	00	1	TQ2	F3			35A		
18492		XA120	36		XA131	55	168	9				CRUSGA	02	CRUSSA	01	1	TD4	C2			17A	C07	
02519		XA131	55				168	9				CRUSGA	03	CRUSFO	01	2	TQ2	E3			29B	C07	
05097		XA133	69		XA131	53	168	9				CRUSHA	01	CRUSHA	00	1	TD4	F2			35A	CONDITIONAL HLT	
05098		XA131	53				168	9				CRUSHA	02	CRUSFO	01	1	TQ2	E3			28B		
05099		XA134	11		XA133	72	168	9				CRUSJO	01	CRUSJO	00	1	TS8	A1			05B	HALT CONDITIONS	
05100		XA133	72				168	9				CRUSJO	02	CRUSHA	01	3	TD4	F2			34A		
05101		XA134	13		XA133	11	168	9				CRUSKA	01	CRUSJO	01	8	TS8	A1			06B		
05102		XA133	11				168	9				CRUSKA	02	CRUSKA	00	1	TD4	A1			05B	H FIELD IS ZERO	
05103		XA135	06		XA134	06	168	9				CRUSLA	01	CRUSLA	00	1	TQ2	A1			05A	SW1 COMPARE	
05104		XA134	06				168	9				CRUSLA	02	CRUSJO	01	3	TS8	A1			05A		
05105		XA135	01		XA134	01	168	9				CRUSMA	01	CRUSMA	00	1	TQ2	A2			02B	SW2 COMPARE	
05106		XA134	01				168	9				CRUSMA	02	CRUSJO	01	6	TS8	A1			02B		
05107		XA135	09		XA134	05	168	9				CRUSNA	01	CRUSNA	00	1	TQ2	A3			04B	SW3 COMPARE	
							****			SIGNAL	(CRUSNA)			IS ON THE							NEXT PAGE	****	

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

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RECORD NUMBER	FROM				TO				WIRE				SIGNAL	SIG NO	ISOLATION	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	31	32	33	34	35	36	37	38	39	40	41	42	43	44	45	46	47	48	49	50	51	52	53	54	55	56	57	58	59	60	61	62	63	64	65	66	67	68	69	70	71	72	73	74	75	76	77	78	79	80	81	82	83	84	85	86	87	88	89	90	91	92	93	94	95	96	97	98	99	100	101	102	103	104	105	106	107	108	109	110	111	112	113	114	115	116	117	118	119	120	121	122	123	124	125	126	127	128	129	130	131	132	133	134	135	136	137	138	139	140	141	142	143	144	145	146	147	148	149	150	151	152	153	154	155	156	157	158	159	160	161	162	163	164	165	166	167	168	169	170	171	172	173	174	175	176	177	178	179	180	181	182	183	184	185	186	187	188	189	190	191	192	193	194	195	196	197	198	199	200	201	202	203	204	205	206	207	208	209	210	211	212	213	214	215	216	217	218	219	220	221	222	223	224	225	226	227	228	229	230	231	232	233	234	235	236	237	238	239	240	241	242	243	244	245	246	247	248	249	250	251	252	253	254	255	256	257	258	259	260	261	262	263	264	265	266	267	268	269	270	271	272	273	274	275	276	277	278	279	280	281	282	283	284	285	286	287	288	289	290	291	292	293	294	295	296	297	298	299	300	301	302	303	304	305	306	307	308	309	310	311	312	313	314	315	316	317	318	319	320	321	322	323	324	325	326	327	328	329	330	331	332	333	334	335	336	337	338	339	340	341	342	343	344	345	346	347	348	349	350	351	352	353	354	355	356	357	358	359	360	361	362	363	364	365	366	367	368	369	370	371	372	373	374	375	376	377	378	379	380	381	382	383	384	385	386	387	388	389	390	391	392	393	394	395	396	397	398	399	400	401	402	403	404	405	406	407	408	409	410	411	412	413	414	415	416	417	418	419	420	421	422	423	424	425	426	427	428	429	430	431	432	433	434	435	436	437	438	439	440	441	442	443	444	445	446	447	448	449	450	451	452	453	454	455	456	457	458	459	460	461	462	463	464	465	466	467	468	469	470	471	472	473	474	475	476	477	478	479	480	481	482	483	484	485	486	487	488	489	490	491	492	493	494	495	496	497	498	499	500	501	502	503	504	505	506	507	508	509	510	511	512	513	514	515	516	517	518	519	520	521	522	523	524	525	526	527	528	529	530	531	532	533	534	535	536	537	538	539	540	541	542	543	544	545	546	547	548	549	550	551	552	553	554	555	556	557	558	559	560	561	562	563	564	565	566	567	568	569	570	571	572	573	574	575	576	577	578	579	580	581	582	583	584	585	586	587	588	589	590	591	592	593	594	595	596	597	598	599	600	601	602	603	604	605	606	607	608	609	610	611	612	613	614	615	616	617	618	619	620	621	622	623	624	625	626	627	628	629	630	631	632	633	634	635	636	637	638	639	640	641	642	643	644	645	646	647	648	649	650	651	652	653	654	655	656	657	658	659	660	661	662	663	664	665	666	667	668	669	670	671	672	673	674	675	676	677	678	679	680	681	682	683	684	685	686	687	688	689	690	691	692	693	694	695	696	697	698	699	700	701	702	703	704	705	706	707	708	709	710	711	712	713	714	715	716	717	718	719	720	721	722	723	724	725	726	727	728	729	730	731	732	733	734	735	736	737	738	739	740	741	742	743	744	745	746	747	748	749	750	751	752	753	754	755	756	757	758	759	760	761	762	763	764	765	766	767	768	769	770	771	772	773	774	775	776	777	778	779	780	781	782	783	784	785	786	787	788	789	790	791	792	793	794	795	796	797	798	799	800	801	802	803	804	805	806	807	808	809	810	811	812	813	814	815	816	817	818	819	820	821	822	823	824	825	826	827	828	829	830	831	832	833	834	835	836	837	838	839	840	841	842	843	844	845	846	847	848	849	850	851	852	853	854	855	856	857	858	859	860	861	862	863	864	865	866	867	868	869	870	871	872	873	874	875	876	877	878	879	880	881	882	883	884	885	886	887	888	889	890	891	892	893	894	895	896	897	898	899	900	901	902	903	904	905	906	907	908	909	910	911	912	913	914	915	916	917	918	919	920	921	922	923	924	925	926	927	928	929	930	931	932	933	934	935	936	937	938	939	940	941	942	943	944	945	946	947	948	949	950	951	952	953	954	955	956	957	958	959	960	961	962	963	964	965	966	967	968	969	970	971	972	973	974	975	976	977	978	979	980	981	982	983	984	985	986	987	988	989	990	991	992	993	994	995	996	997	998	999	1000
	05108																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																				

DRAWING NUMBER		149011-800		STRING		UNIT ASSEMBLY NO		149011		PAGE		0		CRO0BP		
UNIT ASSEMBLY NAME		CARD CAGE ASSY,CPU R.H.		FILE IDENT		T3982CP2		PAGE		09-03-82		PAGE		105		
RECORD NUMBER	FROM	TO	WIRE	MULTI-AROUND	CODE	COLOR	JENT	SIGNAL	REG NO	EQUATION	3	2	1	POINT	SIGNAL	REG NO
	PREFIX	CONNECTOR	PIN													
05144		XA342	66					CR00BP	02	CTEPCA	01	3	TT3	E1		31A
05145		XA337	42					CRO0BP	03	CTEP2A	01	1	T04	C1		20A
05146		XA307	22					CRO0BP	04	C347F0	01	3	T04	B1		12A
05147		XA205	49					CRO0BP	05	CSL5CA	01	3	TT3	D3		26B
05148		XA129	11					CRO0BP	06	CRO0BP	00	1	T00	AP		05B
05149		XA207	70					CRO0BP	01	CSL7CA	01	1	T04	E1		33A
05150		XA326	76					CRO0BP	02	DC00RD	01	1	TLD	F4		37A
05151		XA340	05					CRO0BP	03	CTEPIA	01	2	TQ2	A2		03B
05152		XA131	54					CRO0BP	04	CRO33A	01	2	TQ2	D1		25A
05153		XA131	10					CRO0BP	05	CRO01A	01	1	TQ2	A1		07A
05154		XA129	13					CRO0BP	06	CRO0BP	00	1	TDD	AQ		06B
Z1265		XA132	61					CRO0BP	07	CSL7DA	01	3	TT3	E3		32B
05159		XA132	06					CRO01A	01	CRO090	01	3	TT3	A1		05A
05160		XA131	06					CRO01A	02	CRO01A	00	1	TQ2	A1		05A
																HOLD POWER OFF ST
18591		XA230	37					CRO090	00	CPFS1A	01	4	TQ4	C1		18B
05161		XA132	04					CRO090	01	CRO090	01	1	TT3	A1		04A
05162		XA129	08					CRO090	02	CRO0B1	01	1	TDD	A1		06A
																D-INPUT
05163		XA530	21					CRO1BP	01	CNOUE0	01	1	TT3	B3		10B
05164		XA312	34					CRO1BP	02	C343JA	01	2	T04	C2		16A
05165		XA204	50					CRO1BP	03	CSL3MA	01	1	TQ2	D2		23A
18662		XA113	42					CRO1BP	03C	ERUSLA	01	1	TQ2	C1		20A
05166		XA131	47					CRO1BP	04	CRO52A	01	1	TQ2	D4		25B
05167		XA129	09					CRO1BP	05	CRO1BP	00	1	TDD	BP		04B
18528		XA131	64					CRO1BP	06	CRO1Q0	01	1	TQ2	E2		30A
																C08
																C08
18757		XA333	77					CRO1BP	00	DP17RD	01	2	TLD	F1		38B
05169		XA326	65					CRO1BP	01	DC01RD	01	1	TLD	F3		34B
17709		XA409	31					CRO1BP	02	CMCLZA	01	4	T04	C2		15B
																B04
																B04
05171		XA135	19					CRO1BP	03	CMUS3A	01	2	TQ2	B3		09B
05172		XA131	35					CRO1BP	04	CRO32A	01	1	TQ2	C4		17B
05173		XA131	26					CRO1BP	05	CRO11A	01	1	TQ2	B1		14A
05174		XA131	07					CRO1BP	06	CRO1P0	01	2	TQ2	A3		03A
05175		XA129	07					CRO1BP	07	CRO1BP	00	1	TDD	BQ		03A
05184		XA131	01					CRO1HA	01	CRO1HA	00	1	TQ2	A2		02B
05185		XA129	04					CRO1HA	02	CRO1BP	01	1	TDD	BP		04A
18503		XA133	07					CRO1HA	03	CRO1SA	01	4	T04	A2		03A
																B02
																B02
05186		XA132	07					CRO1HO	01	CRO1HO	00	1	TT3	A2		03A
05187		XA131	05					CRO1HO	02	CRO1HA	01	2	TQ2	A2		03B
																MASTER RESET/ CPU
05190		XA305	50					CRO1P0	01	C353F0	01	1	TQ2	D2		23A
05191		XA310	53					CRO1P0	02	C356EA	01	3	TT3	E2		28B
05192		XA310	48					CRO1P0	03	C355EA	01	1	TT3	D2		22A
05193		XA310	34					CRO1P0	04	C354EA	01	1	TT3	C2		16A
05194		XA131	09					CRO1P0	05	CRO1P0	00	1	TQ2	A3		04B
																CRO1BP UNLOAD

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

STRING

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 FILE IDENT T3982CP2

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RECORD NUMBER	FROM				TO				WIRE				SIGNAL	RFU NO	EQUATION	TERM	FACTOR	CMT OR CHIP TYPE	MOP	LOAD OR POWER PLANE	TEST POINTS AND/OR	SIGNAL DESCRIPTION	ECO NO		
	PREFIX	CONNECTOR	PIN	USE	PREFIX	CONNECTOR	PIN	USE	WIRE GROUP	CODE	CO. OR	DEL.												WIRE NO.	
05209		XA402	73		XA131	60			168	9			CRO1Q0	01	C6240A	01	1	TQ2	F2	368	CRO1BQ UNLOAD	C08			
20745		XA131	60						168	9			CRO1Q0	02	CRO1Q0	00	1	TQ2	E2	28A					
05195		XA132	15		XA131	24			168	9			CRO1RA	01	CRO1RA	00	1	TT3	A3	078	RESET ERROR EXIT				
05198		XA131	24		XA222	42			168	9			CRO1RA	02	CRO1RA	01	2	TQ2	B1	13A					
18571		XA222	42						168	9			CRO1RA	03	C335C0	01	1	TQ2	C1	20A					
05197		XA131	13		XA133	09			168	9			CRO1SA	01	CRO1S0	01	2	TQ2	A4	068		802			
20875		XA133	09		XA342	70			168	9			CRO1SA	02	CRO1SA	00	1	TQ4	A2	048		802			
05199		XA342	70		XA346	40			168	9			CRO1SA	03	CTEPCA	01	1	TT3	E1	33A					
05200		XA346	40		XA311	43			168	9			CRO1SA	04	CTEP3A	01	2	TQ4	C1	19A					
18610		XA311	43						168	9			CRO1SA	05	CTRLX0	01	2	TQ2	O3	238					
05207		XA337	37		XA131	15			168	9			CRO1S0	01	CTEP2A	01	4	TQ4	C1	188					
05208		XA131	15		XA409	34			168	9			CRO1S0	02	CRO1S0	00	1	TQ2	A4	078	CRO1BQ UNLOAD	C08			
05210		XA409	34		XA311	11			168	9			CRO1S0	04	CMCLZA	01	2	TQ4	C2	16A					
05211		XA311	11						168	9			CRO1S0	05	C347HA	01	1	TQ2	A4	058					
05212		XA134	71		XA131	22			168	9			CRO11A	01	CRO190	01	5	TS8	F1	36A					
05213		XA131	22						168	9			CRO11A	02	CRO11A	00	1	TQ2	B1	12A	HOLD ERROR EXIT				
05214		XA134	72		XA131	14			168	9			CRO12A	01	CRO190	01	6	TS8	F1	34A					
05215		XA131	14						168	9			CRO12A	02	CRO12A	00	1	TQ2	B2	09A	SET ERROR EXIT FR				
05216		XA134	76		XA129	05			168	9			CRO190	01	CRO190	00	1	TS8	F1	37A	U-INPUT				
05217		XA129	05		XA133	01			168	9			CRO190	02	CRO18I	01	1	TQ0	B1	038		802			
18419		XA133	01						168	9			CRO190	03	CRO1SA	01	3	TQ4	A2	028		802			
05220		XA438	57		XA315	45			168	9			CRO2BP	01	C457R0	01	1	TT3	E3	308					
05221		XA315	45		XA311	10			168	9			CRO2BP	02	C3440A	01	1	TT3	O3	248					
05222		XA311	10		XA122	76			168	9			CRO2BP	03	C346CA	01	1	TQ2	A1	07A					
05223		XA122	76		XA129	23			168	9			CRO2BP	04	C522U0	01	2	TT3	F3	37A					
05224		XA129	23						168	9			CRO2BP	05	CRO2BP	00	1	TQ0	CP	118					
05225		XA326	71		XA314	05			168	9			CRO2BQ	01	DC02R0	01	2	ILD	F2	36A					
05226		XA314	05		XA131	36			168	9			CRO2BQ	02	C347DA	01	2	TQ2	A2	038					
05227		XA131	36		XA129	25			168	9			CRO2BQ	03	CRO21A	01	1	TQ2	C2	17A					
05228		XA129	25						168	9			CRO2BQ	04	CRO2BQ	00	1	TQ0	CQ	128					
05233		XA133	59		XA131	19			168	9			CRO2DA	01	CRO20A	00	1	TQ4	E1	318	SET TRAP- MOP COD				
05234		XA131	19						168	9			CRO2DA	02	CRO200	01	2	TQ2	B3	098					
05235		XA132	38		XA131	21			168	9			CRO2D0	01	CRO24A	01	3	TT3	C1	18A					
05236		XA131	21		XA132	21			168	9			CRO2D0	02	CRO2D0	00	1	TQ2	B3	108					
05237		XA132	21		XA216	77			168	9			CRO2D0	03	CRO23A	01	1	TT3	B3	108					
05238		XA216	77						168	9			CRO2D0	04	CRO22A	01	2	TQ4	F1	388					
05239		XA133	57		XA131	25			168	9			CRO2EA	01	CRO2EA	00	1	TQ4	E2	308	SET TRAP- MOP COD				
													****	SIGNAL	CRO2EA	IS ON THE NEXT PAGE ****									

DRAWING NUMBER 149011-800
 UNIT ASSEMBLY NAME CARD CAGE ASSY, CPU R.H.

STRING

UNIT ASSEMBLY NO 149011
 FILE IDENT T3982CP2

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 CRO2EA

RECORD NUMBER	FROM				TO				WIRE		SIGNAL	SEQ NO	EQUATION	I	CKT OR CHIP TYPE	MOP	LOAD OR POWER PLANE	TEST POINTS AND OR	SIGNAL DESCRIPTION	ECO NO		
	PREFIX	CONNECTOR	PIN	WIRE #	PREFIX	CONNECTOR	PIN	WIRE #	CODE	CO. IN												
05240		XA131	25					168	9			CRO2EA	02	CRO2E0	01 2	TQ2	B4	128				
05241		XA132	17		XA132	35		168	9			CRO2E0	01	CRO27A	01 3	TT3	B2	088				
05242		XA132	35		XA132	29		168	9			CRO2E0	02	CRO26A	01 2	TT3	C3	178				
05243		XA132	26		XA131	27		168	9			CRO2E0	03	CRO25A	01 3	TT3	C2	148				
05244		XA131	27					168	9			CRO2E0	04	CRO2E0	00 1	TQ2	B4	138				
05245		XA132	55		XA131	34		168	9			CRO2RA	01	CRO2RA	00 1	TT3	E2	298	RST TRAP- MOP COD			
05246		XA131	34					168	9			CRO2RA	02	CRO21A	01 2	TQ2	C2	16A				
05247		XA342	68		XA131	38		168	9			CRO2SA	01	CYEP5A	01 2	TT3	E1	32A				
05248		XA131	38					168	9			CRO2SA	02	CRO2SA	00 1	TQ2	C1	18A				
05251		XA134	34		XA131	30		168	9			CRO21A	01	CRO290	01 5	TS8	C1	16A				
05252		XA131	30					168	9			CRO21A	02	CRO21A	00 1	TQ2	C2	15A	HOLD TRAP			
05253		XA134	30		XA216	76		168	9			CRO22A	01	CRO290	01 6	TS8	C1	15A				
05254		XA216	76					168	9			CRO22A	02	CRO22A	00 1	TD4	F1	37A				
05255		XA338	43		XA134	31		168	9			CRO23A	01	CYEP5A	01 7	TS8	D1	238				
05256		XA134	31		XA132	27		168	9			CRO23A	02	CRO290	01 7	TS8	C1	158				
05257		XA132	27					168	9			CRO23A	03	CRO23A	00 1	TT3	B3	138	SET TRAP QUAL BY			
05258		XA134	37		XA132	36		168	9			CRO24A	01	CRO290	01 8	TS8	C1	188				
05259		XA132	36					168	9			CRO24A	02	CRO24A	00 1	TT3	C1	17A	SET TRAP QUAL BY			
05260		XA134	36		XA132	31		168	9			CRO25A	01	CRO290	01 4	TS8	C1	17A				
05261		XA132	31					168	9			CRO25A	02	CRO25A	00 1	TT3	C2	158	SET TRAP QUAL IN			
05262		XA134	42		XA132	39		168	9			CRO26A	01	CRO290	01 1	TS8	C1	20A				
05263		XA132	39					168	9			CRO26A	02	CRO26A	00 1	TT3	C3	198	SET TRAP QUAL BY			
05264		XA132	19		XA134	40		168	9			CRO27A	01	CRO27A	00 1	TT3	B2	098				
05265		XA134	40		XA338	56		168	9			CRO27A	02	CRO290	01 2	TS8	C1	19A				
05266		XA338	56					168	9			CRO27A	03	CYEP5A	01 1	TS8	D1	26A				
05269		XA346	38		XA131	40		168	9			CRO290	01	CYEP3A	01 3	TD4	C1	18A				
05270		XA131	40		XA134	35		168	9			CRO290	02	CRO25A	01 2	TQ2	C1	19A				
05271		XA134	35		XA129	24		168	9			CRO290	03	CRO290	00 1	TS8	C1	178	D-INPUT			
05272		XA129	24					168	9			CRO290	04	CRO281	01 1	TQ0	C1	13A				
05275		XA338	50		XA337	19		168	9			CRO3BP	01	CYEP5A	01 4	TS8	D1	23A				
05276		XA337	19		XA129	21		168	9			CRO3BP	02	CYEP6A	01 4	TD4	B2	098				
05277		XA129	21					168	9			CRO3BP	03	CRO3BP	00 1	TQ0	DP	108				
05278		XA342	72		XA331	17		168	9			CRO3BQ	01	CYEP4A	01 2	TT3	F2	34A				
05279		XA331	17		XA131	31		168	9			CRO3BQ	02	UPGLD	01 1	YLD	B3	088				
05280		XA131	31		XA129	19		168	9			CRO3BQ	03	CRO31A	01 2	TQ2	C3	158				
05281		XA129	19					168	9			CRO3BQ	04	CRO3BQ	00 1	TQ0	DQ	098				
****											SIGNAL	(CRO3CA)	IS ON THE NEXT PAGE ****									

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DRAWING NUMBER		149011-800		STRING		UNIT ASSEMBLY NO		149011		DATE		09-03-82		PAGE		CR11BP		109						
UNIT ASSEMBLY NAME				CARD CAGE ASSY, CPU R.H.				FILE IDENT				T39B2CP2												
RECORD NUMBER	FROM			TO			WIRE			MULTI GROUP	CODE	COLOR	WIRE GAUGE	SIGNAL	SEQ NO	EQUATION	TERMINATION	FACTORY	CMT OR CHG TYPE	GROUP	LOAD CP POWER PLANE	TEST POINTS AND/OR	SIGNAL DESCRIPTION	ECO NO
	PREFIX	CONNECTOR	PIN	PREFIX	CONNECTOR	PIN	WIRE	WIRE	WIRE															
05330		XA129	47					168	9				CR11BP	02	CR11BP	00	1	YDD	GP		25B			
05331		XA326	79	XA129	49			168	9				CR11BQ	01	DC03RD	01	1	TLD	F1		39B			
05332		XA129	49	XA131	20			168	9				CR11BQ	02	CR11BQ	00	1	TDD	GQ		26B	ASYNCH SET BY I0		
05333		XA131	20	XA117	71			168	9				CR11BQ	03	CR012A	01	1	YQ2	B2		11A		C02	
18394		XA117	71					168	9				CR11BQ	04	CR12BI	01	1	TDD	MI		34A		C02	
05336		XA132	80	XA129	56			168	9				CR11CA	01	CR11CA	00	1	TT3	F3		39A	CLOCKED RESET OF		
05337		XA129	56					168	9				CR11CA	02	CR11BN	01	1	YDD	GN		24A			
20870		XA117	74	XA131	18			168	9				CR12BQ	01	CR12BQ	00	1	YDD	HQ		35B		C02	
16779		XA131	18					168	9				CR12BQ	02	CR012A	01	2	TQ2	B2		10A		C02	
05338		XA132	52	XA129	45			168	9				CR14BP	01	CR0490	01	3	TT3	D1		24A			
05339		XA129	45					168	9				CR14BP	02	CR14BP	00	1	YDD	HP		24B			
05340		XA131	48	XA129	43			168	9				CR14BQ	01	CR041A	01	2	TQ2	D2		22A			
05341		XA129	43					168	9				CR14BQ	02	CR14BQ	00	1	TDD	HQ		23B	SET AUCTION INI		
05342		XA131	80	XA129	46			168	9				CR14RA	01	CR14RA	00	1	TQ2	F4		39A	RESET AUC INI BUF		
05343		XA129	46					168	9				CR14RA	02	CR14BN	01	1	YDD	HN		21A			
05344		XA215	60	XA211	06			168	9				CSCPAB	01	CS0EBN	01	1	YDD	KN		28A	GATED CLK- STATE		
05345		XA211	06	XA211	09			168	9				CSCPAB	02	CSCPAB	01	1	TQ2	A1		05A			
05346		XA211	09	XA211	01			168	9	P			CSCPEA	03	CSCPAB	03	1	TQ2	A3		04B			
05347		XA211	01	XA213	01			168	9	P			CSCPDA	04	CSCPAB	02	1	TQ2	A2		02B			
05348		XA213	01	XA215	10			168	9				CSCPAB	05	CS01BN	01	1	YDD	TBN		02B	GATED CLK- STATE		
05349		XA215	10	XA213	10			168	9				CSCPAB	06	CRUSBN	01	1	TDD	AN		07A	GATED CLK- STATE		
05350		XA213	10	XA213	14			168	9				CSCPAB	07	CS00BN	01	1	TDD	AN		07A	GATED CLK- STATE		
05351		XA213	14	XA213	26			168	9				CSCPAB	08	CS03BN	01	1	TDD	DN		09A	GATED CLK- STATE		
05352		XA213	26	XA213	30			168	9				CSCPAB	09	CS02BN	01	1	TDD	CN		14A	GATED CLK- STATE		
05353		XA213	30	XA213	42			168	9				CSCPAB	10	CS05BN	01	1	TDD	FN		15A	GATED CLK- STATE		
05354		XA213	42	XA213	46			168	9				CSCPAB	11	CS04BN	01	1	TDD	EN		20A	GATED CLK- STATE		
05355		XA213	46	XA213	56			168	9				CSCPAB	12	CS07BN	01	1	TDD	HN		21A	GATED CLK- STATE		
05356		XA213	56	XA213	60			168	9				CSCPAB	13	CS06BN	01	1	TDD	GN		26A	GATED CLK- STATE		
05357		XA213	60	XA213	70			168	9				CSCPAB	14	CS11BN	01	1	TDD	KN		28A	GATED CLK- STATE		
05358		XA213	70	XA213	72			168	9				CSCPAB	15	CS10BN	01	1	TDD	JN		33A	GATED CLK- STATE		
05359		XA213	72	XA213	79			168	9				CSCPAB	16	CQEXBN	01	1	TDD	MN		34A	GATED CLK- STATE		
05360		XA213	79	XA215	79			168	9				CSCPAB	17	CS12BN	01	1	YDD	LN		39B	GATED CLK- STATE		
05361		XA215	79	XA215	72			168	9				CSCPAB	18	CS0FBN	01	1	TDD	LN		39B	GATED CLK- STATE		
05362		XA215	72					168	9				CSCPAB	19	CS0LBN	01	1	TDD	MN		34A	GATED CLK- STATE		
05363		XA211	06							J			CSCPDA	01	CSCPDA	00	1	TQ2	A1		05A	CSCPAB BUSS		
05364		XA211	01							J			CSCPDA	01	CSCPDA	00	1	TQ2	A2		02B	CSCPAB BUSS		
05365		XA211	09							J			CSCPEA	01	CSCPEA	00	1	TQ2	A3		04B	CSCPAB BUSS		
05366		XA212	69	XA211	74			168	9				CSDBLA	01	CSDBLA	00	1	YD4	F2		35A	BLO CS0013080013-		
05367		XA211	74	XA211	76			168	9				CSDBLA	02	CSDBMO	01	2	TQ2	F3		35B			
													****	SIGNAL	CSDBLA	IS ON THE NEXT PAGE			****					

DRAWING NUMBER 149011-800

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

STRING

UNIT ASSEMBLY NO 149011

FILE IDENT T39B2CP2

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RECORD NUMBER	FROM				TO				U.S. GROUP	CODE	COLOR	IDENT	SIGNAL	SEQ NO	EQUATION	3RD	4TH	CKT OR CHIP TYPE	PROP	LOAD OR POWER PLANE	TEST POINTS AND/OR	SIGNAL DESCRIPTION	ECO NO
	PREFIX	CONNECTOR	PIN	USE	PREFIX	CONNECTOR	PIN	USE															
05368		XA211	76						168	9			CSDBLA	03	CSDBL0	01	1	TQ2	F4		37A		
05369		XA327	79		XA327	78			168	9			CSDBL0	01	DC0350	01	1	TLD	F1		39B		
05370		XA327	78		XA327	73			168	9			CSDBL0	02	DC0050	01	2	TLD	F4		38A		
05371		XA327	73		XA327	65			168	9			CSDBL0	03	DC0250	01	1	TLD	F2		38B		
05372		XA327	65		XA327	61			168	9			CSDBL0	04	DC0150	01	1	TLD	F3		34B		
05373		XA327	61		XA327	64			168	9			CSDBL0	05	DC0450	01	2	TLD	E4		32B		
05374		XA327	64		XA327	55			168	9			CSDBL0	06	DC0650	01	1	TLD	E2		30A		
05375		XA327	55		XA211	80			168	9			CSDBL0	07	DC0550	01	2	TLD	E3		29B		
05376		XA211	80						168	9			CSDBL0	08	CSDBL0	00	1	TQ2	F4		39A		
05379		XA329	77		XA329	78			168	9			CSDBM0	01	DC1150	01	2	TLD	F1		38B		
05380		XA329	78		XA329	73			168	9			CSDBM0	02	DC0850	01	2	TLD	F4		38A		
05381		XA329	73		XA329	65			168	9			CSDBM0	03	DC1050	01	1	TLD	F2		36B		
05382		XA329	65		XA329	59			168	9			CSDBM0	04	DC0950	01	1	TLD	F3		34B		
05383		XA329	59		XA329	55			168	9			CSDBM0	05	DC1250	01	1	TLD	E4		31B		
05384		XA329	55		XA327	70			168	9			CSDBM0	06	DC1350	01	2	TLD	E3		29B		
05385		XA327	70		XA211	69			168	9			CSDBM0	07	DC0750	01	1	TLD	E1		33A		
05386		XA211	69						168	9			CSDBM0	08	CSDBM0	00	1	TQ2	F3		39A		
05387		XA208	52		XA210	08			168	9			CSECBQ	01	CSD090	01	3	TS8	D1		24A		
05388		XA210	08		XA210	26			168	9			CSECBQ	02	CSD090	01	2	TS8	A1		06A		
05389		XA210	26		XA210	31			168	9			CSECBQ	03	CSD190	01	1	TS8	B1		14A		
05390		XA210	31		XA212	48			168	9			CSECBQ	04	CSD0290	01	7	TS8	C1		15B		
05391		XA212	48		XA344	78			168	9			CSECBQ	05	CSD071A	01	2	TQ4	U2		22A		
05392		XA344	78						168	9			CSECBQ	06	CSECBQ	00	1	TDD	LQ		38A		
05393		XA344	79		XA438	15			168	9			CSECPA	01	CSECBN	01	1	TDD	LN		39B		
05394		XA438	15						168	9			CSECPA	02	CSECPA	00	1	TT3	A3		07B		
05395		XA344	75		XA435	15			168	9			CSECSA	01	CSECBP	01	1	TDD	LP		37B		
05396		XA435	15						168	9			CSECSA	02	CSECSA	00	1	TQ2	A4		07B		
05397		XA202	76		XA208	18			168	9			CSE0CA	01	CSE0CA	00	1	TS8	F1		37A		
05398		XA208	18		XA208	34			168	9			CSE0CA	02	CSE0U0	01	5	TS8	B1		10A		
05399		XA208	34		XA208	54			168	9			CSE0CA	03	CSE0V0	01	5	TS8	C1		16A		
05400		XA208	54		XA224	78			168	9			CSE0CA	04	CSD090	01	2	TS8	D1		25A		
05401		XA224	78						168	9			CSE0CA	05	CSE0C0	01	2	TQ2	F4		38A		
05402		XA224	80		XA435	11			168	9			CSE0C0	01	CSE0C0	00	1	TQ2	F4		39A		
05403		XA435	11						168	9			CSE0C0	02	CSECSA	01	1	TQ2	A4		05B		
21722		XA550	75		XA344	77			AH	1E8	9		CSE0DA	01				EXT					
05405		XA344	77						AH	1E8	9		CSE0DA	02	CSECBI	01	1	TDD	LI		38B		
23034		XA550	76		XA344	67			AH	1E8	0		CSE0DG	01				EXT					
23035		XA344	67						AH	1E8	0		CSE0DG	02				TDD			40B		
05408		XA208	48		XA208	31			168	9			CSE0EA	01	CSD090	01	5	TS8	D1		22A		
05409		XA208	31		XA208	19			168	9			CSE0EA	02	CSD0V0	01	7	TS8	C1		15B		
**** SIGNAL (CSE0EA) IS ON THE NEXT PAGE ****																							

DRAWING NUMBER 149011-800
UNIT ASSEMBLY NAME CARD CAGE ASSY,CPU R.H.

STRING

UNIT ASSEMBLY NO 149011
FILE IDENT T39B2CP2

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RECORD NUMBER	FROM			TO			MULTI GROUP	CODE	COL IN	IDENT	SIGNAL	SEQ NO	EQUATION	TYPE	ACTION	CONTR. TYPE	GATE	LOAD OR HOLD PLANE	TEST POINTS (HAND UP)	SIGNAL DESCRIPTION	REC NO
	PREFIX	CONNECTOR	PIN	PREFIX	CONNECTOR	PIN															
05410		XA208	19		XA208	10		16B	9		CSE0EA	03	CSE0U0	01	7	TS8	B1		09B		
05411		XA208	10		XA206	06		16B	9		CSE0EA	04	CSE0T0	01	1	TS8	A1		07A		
05412		XA206	06					16B	9		CSE0EA	00	1	TQ2	A1				05A	F3.(MIUN/MILN)	
05413		XA208	50		XA208	40		16B	9		CSE0FA	01	CSE0E0	01	4	TS8	01		23A		
05414		XA208	40		XA208	24		16B	9		CSE0FA	02	CSE0V0	01	2	TS8	C1		19A		
05415		XA208	24		XA208	06		16B	9		CSE0FA	03	CSE0U0	01	2	TS8	B1		13A		
05416		XA208	06		XA206	01		16B	9		CSE0FA	04	CSE0T0	01	3	TS8	A1		05A		
05417		XA206	01					16B	9		CSE0FA	05	CSE0FA	00	1	TQ2	A2		02B	F4	
05418		XA206	05		XA205	04		16B	9		CSE0G0	01	CSE0FA	01	2	TQ2	A2		03B		
05419		XA205	04					16B	9		CSE0G0	02	CSE0G0	00	1	TT3	A1		04A	F4 COND	
05420		XA207	11		XA205	06		16B	9		CSE0HA	01	CSE0HA	00	1	TD4	A1		05B	M002.SISO	
05421		XA205	06					16B	9		CSE0HA	02	CSE0G0	01	3	TT3	A1		05A		
05422		XA207	09		XA205	10		16B	9		CSE0JA	01	CSE0JA	00	1	TD4	A2		04B	M003.SISO	
05423		XA205	10					16B	9		CSE0JA	02	CSE0G0	01	1	TT3	A1		07A		
05424		XA210	66		XA210	43		16B	9		CSE0TA	01	CS0490	01	3	TS8	E1		31A		
05425		XA210	43		XA209	36		16B	9		CSE0TA	02	CS0390	01	7	TS8	D1		23B		
05426		XA209	36		XA209	26		16B	9		CSE0TA	03	CS0790	01	4	TS8	C1		17A		
05427		XA209	26		XA209	10		16B	9		CSE0TA	04	CS0690	01	1	TS8	B1		14A		
05428		XA209	10		XA206	09		16B	9		CSE0TA	05	CS0590	01	1	TS8	A1		07A		
05429		XA206	09					16B	9		CSE0TA	06	CSE0TA	00	1	TQ2	A3		04B		
05430		XA208	11		XA206	07		16B	9		CSE0T0	01	CSE0T0	00	1	TS8	A1		05B	SLC E0/E2/E3/F0	
05431		XA206	07					16B	9		CSE0T0	02	CSE0TA	01	2	TQ2	A3		03A		
05432		XA210	30		XA206	15		16B	9		CSE0UA	01	CS0290	01	6	TS8	C1		15A		
05433		XA206	15					16B	9		CSE0UA	02	CSE0UA	00	1	TQ2	A4		07B		
05434		XA208	23		XA206	13		16B	9		CSE0U0	01	CSE0U0	00	1	TS8	B1		11B	SLC E0/E2/F0	
05435		XA206	13					16B	9		CSE0U0	02	CSE0UA	01	2	TQ2	A4		06B		
05436		XA212	46		XA210	06		16B	9		CSE0VA	01	CS0F1A	01	3	TD4	02		21A		
05437		XA210	06		XA210	25		16B	9		CSE0VA	02	CS0390	01	3	TS8	A1		05A		
05438		XA210	25		XA206	22		16B	9		CSE0VA	03	CS0190	01	8	TS8	B1		12B		
05439		XA206	22					16B	9		CSE0VA	04	CSE0VA	00	1	TQ2	B1		12A		
05440		XA208	35		XA206	26		16B	9		CSE0V0	01	CSE0V0	00	1	TS8	C1		17B	SLC E0/F0	
05441		XA206	26					16B	9		CSE0V0	02	CSE0VA	01	1	TQ2	B1		14A		
05442		XA210	46		XA210	36		16B	9		CSE2CA	01	CS0390	01	6	TS8	D1		21A		
05443		XA210	36		XA203	11		16B	9		CSE2CA	02	CS0290	01	4	TS8	C1		17A		
05444		XA203	11					16B	9		CSE2CA	03	CSE2CA	00	1	TS8	A1		05B	SLC E502	
05445		XA204	06		XA203	04		16B	9		CSE2D0	01	CSE2D0	00	1	TQ2	A1		05A	MPF/MPH/RQF	
05446		XA203	04					16B	9		CSE2D0	02	CSE2CA	01	4	TS8	A1		04A		
											**** SIGNAL (CSE2EA) IS ON THE NEXT PAGE ****										

DRAWING NUMBER 149011-800
 UNIT ASSEMBLY NAME CARD CAGE ASSY,CPU R.H.

STRING

UNIT ASSEMBLY NO 149011
 FILE IDENT T39B2CP2

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RECORD NUMBER	FROM				TO				WIRE				SIGNAL	SEQ NO	EQUATION	Z	R	CCT 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												MULTI WIRE			
05483		XA208	25		XA206	14		168	9				CSF0DA	04	CSE000	01	8	TS8	B1		12B						
05484		XA206	14		XA208	07		168	9				CSF0DA	05	CSF0DA	00	1	TQ2	B2		09A	SLC FS00 XEX INST					
05485		XA208	07					168	9				CSF0DA	06	CSE0Y0	01	7	TS8	A1		03A						
05486		XA218	78		XA209	73		168	9				CSL1CA	01	CS0E1A	01	8	TS8	F1		38A						
05487		XA209	73		XA208	71		168	9				CSL1CA	02	CS1290	01	4	TS8	F1		34B						
05488		XA208	71		XA206	21		168	9				CSL1CA	03	CS0L90	01	5	TS8	F1		34A						
05489		XA206	21					168	9				CSL1CA	04	CSL1CA	00	1	TQ2	B3		10B						
05490		XA206	68		XA203	59		168	9				CSL1C0	01	CSL1KA	01	2	TQ2	E1		32A						
05491		XA203	59		XA206	19		168	9				CSL1C0	02	CSL1C0	00	1	TS8	E1		31B	SLC L700 FROM LG					
05492		XA206	19					168	9				CSL1C0	03	CSL1CA	01	2	TQ2	B3		09B						
05493		XA206	27		XA203	66		168	9				CSL1DA	01	CSL1DA	00	1	TQ2	B4		13B	E1.DEX					
05494		XA203	66					168	9				CSL1DA	02	CSL1C0	01	3	TS8	E1		31A						
05495		XA207	23		XA203	64		168	9				CSL1EA	01	CSL1EA	00	1	TD4	B1		11B	E5.TOR.MASP.ACZR					
05496		XA203	64					168	9				CSL1EA	02	CSL1C0	01	4	TS8	E1		30A						
05497		XA205	19		XA203	60		168	9				CSL1FA	01	CSL1FA	00	1	TT3	B2		09B	E12.TXP.AY16*					
05498		XA203	60					168	9				CSL1FA	02	CSL1C0	01	6	TS8	E1		28A						
05499		XA207	21		XA203	61		168	9				CSL1GA	01	CSL1GA	00	1	TD4	B2		10B	E12.TCP.AY18*.AY1					
05500		XA203	61					168	9				CSL1GA	02	CSL1C0	01	8	TS8	E1		32B						
05501		XA205	27		XA203	62		168	9				CSL1HA	01	CSL1HA	00	1	TT3	B3		13B	E17.TCP.AQ16*					
05502		XA203	62					168	9				CSL1HA	02	CSL1C0	01	5	TS8	E1		29A						
05503		XA205	36		XA203	68		168	9				CSL1JA	01	CSL1JA	00	1	TT3	C1		17A	E12.YIE.AY16*					
05504		XA203	68					168	9				CSL1JA	02	CSL1C0	01	2	TS8	E1		32A						
05505		XA209	01		XA210	10		168	9				CSL1KA	01	CS0590	01	6	TS8	A1		02B						
05506		XA210	10		XA210	19		168	9				CSL1KA	02	CS0090	01	1	TS8	A1		07A						
05507		XA210	19		XA209	24		168	9				CSL1KA	03	CS0190	01	7	TS8	B1		09B						
05508		XA209	24		XA209	30		168	9				CSL1KA	04	CS0690	01	2	TS8	B1		13A						
05509		XA209	30		XA210	42		168	9				CSL1KA	05	CS0790	01	6	TS8	C1		15A						
05510		XA210	42		XA210	56		168	9				CSL1KA	06	CS0290	01	1	TS8	C1		20A						
05511		XA210	56		XA210	62		168	9				CSL1KA	07	CS0390	01	1	TS8	D1		26A						
05512		XA210	62		XA206	66		168	9				CSL1KA	08	CS0490	01	5	TS8	E1		29A						
05513		XA206	66					168	9				CSL1KA	09	CSL1KA	00	1	TQ2	E1		31A	SLC L100 UNLOAD					
20880		XA205	74		XA211	11		168	9				CSL1MA	01	CSL1MA	00	1	TT3	F2		35B						
18548		XA211	11					168	9				CSL1MA	02	CSL1M0	01	1	TQ2	A4		05B						
20928		XA333	63		XA320	05		168	9				CSL1M04	02	CSL1M04	00	1	TLD	E4		33B						
14582		XA320	05					168	9				CSL1M04	03				RR4	A3								
20890		XA211	15		XA333	59		168	9				CSL1M0	01	CSL1M0	00	1	TQ2	A4		07B						
18619		XA333	59					168	9				CSL1M0	02	CSL1M04	01	1	TLD	E4		31B						
													****	SIGNAL	CSL2CA											IS ON THE NEXT PAGE	****

DRAWING NUMBER 149011-800
 UNIT ASSEMBLY NAME CARD CAGE ASSY,CPU R.H.

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 FILE IDENT T3982CP2

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RECORD NUMBER	FROM			TO			WIRE				SIGNAL	SFU NO	EQUATION	B	E	C	CAT OR CHIP TYPE	SOUP	LOAD OR POWER PLANE	TEST POINTS AND/OR	SIGNAL DESCRIPTION	ECO NO							
	PREFILE	CONNECTOR	PIN	PREFILE	CONNECTOR	PIN	NO. IN GROUP	CODE	COLOR	DENT																			
05514		XA218	74		XA210	77		168	9			CSL2CA	01	CS0E1A	01	7	TS8	F1		398									
05515		XA210	77		XA208	72		168	9			CSL2CA	02	CS121A	01	2	TS8	F1		388									
05516		XA208	72		XA209	61		168	9			CSL2CA	03	CS0L90	01	6	TS8	F1		39A									
05517		XA209	61		XA206	60		168	9			CSL2CA	04	CS1190	01	8	TS8	E1		328									
05518		XA206	60					168	9			CSL2CA	05	CS22CA	00	1	TQ2	E2		28A	SLC L200/SLC L300								
05519		XA206	62		XA206	62		168	9			CSL2CA	01	CSL2CA	01	2	TQ2	E3		298									
05520		XA206	62		XA204	74		168	9			CSL2CA	02	CSL2CA	01	2	TQ2	E2		29A									
05521		XA204	74		XA203	76		168	9			CSL2CA	03	CSL2TA	01	2	TQ2	F3		398									
05522		XA203	76					168	9			CSL2CA	04	CSL2CA	03	1	TS8	F1		37A									
05523		XA205	31		XA203	73		168	9			CSL2DA	01	CSL2DA	00	1	TT3	C2		198	SLC L200								
05524		XA203	73					168	9			CSL2DA	02	CSL2DA	01	4	TS8	F1		388									
05526		XA310	37		XA204	38		168	9			CSL2E0	02	CS0P0A	01	3	TT3	C3		188									
05527		XA204	38		XA205	29		168	9			CSL2E0	03	CSL2E0	00	1	TQ2	C1		18A	TXP/TIE								
05528		XA205	29					168	9			CSL2E0	04	CSL2DA	01	3	TT3	C2		148									
05529		XA207	35		XA203	77		168	9			CSL2FA	01	CSL2FA	00	1	TQ4	C1		178	SLC L200								
05530		XA203	77					168	9			CSL2FA	02	CSL2CA	01	2	TS8	F1		388									
05531		XA205	39		XA203	72		168	9			CSL2GA	01	CSL2GA	00	1	TT3	C3		198	SLC L200								
05532		XA203	72					168	9			CSL2GA	02	CSL2CA	01	6	TS8	F1		34A									
05533		XA209	08		XA209	14		168	9			CSL2KA	01	CS0590	01	2	TS8	A1		06A									
05534		XA209	14		XA210	24		168	9			CSL2KA	02	CS0690	01	6	TS8	B1		09A									
05535		XA210	24		XA209	38		168	9			CSL2KA	03	CS0190	01	2	TS8	B1		13A									
05536		XA209	38		XA210	37		168	9			CSL2KA	04	CS0790	01	3	TS8	C1		18A									
05537		XA210	37		XA210	49		168	9			CSL2KA	05	CS0290	01	8	TS8	C1		188									
05538		XA210	49		XA210	55		168	9			CSL2KA	06	CS0390	01	8	TS8	D1		268									
05539		XA210	55		XA206	57		168	9			CSL2KA	07	CS0490	01	7	TS8	E1		298									
05540		XA206	57					168	9			CSL2KA	08	CSL2KA	00	1	TQ2	E3		308	SLC L200/SLC L300								
05541		XA205	50		XA203	71		168	9			CSL2LA	01	CSL2LA	00	1	TT3	D1		23A	SLC L200								
05542		XA203	71					168	9			CSL2LA	02	CSL2CA	01	5	TS8	F1		36A									
05543		XA210	04		XA204	69		168	9			CSL2TA	01	CS0090	01	4	TS8	A1		04A									
05544		XA204	69					168	9			CSL2TA	02	CSL2TA	00	1	TQ2	F3		35A	(SLC L200/L300) (1)								
05545		XA209	72		XA204	30		168	9			CSL3CA	01	CS1290	01	6	TS8	F1		34A									
05546		XA204	30					168	9			CSL3CA	02	CSL3CA	00	1	TQ2	C2		15A									
05547		XA207	35		XA204	36		168	9			CSL3CA	01	CSL3CA	00	1	TQ4	C2		168	SLC L300/SLC L300								
05548		XA204	36					168	9			CSL3CA	02	CSL3CA	01	1	TQ2	C2		17A									
05549		XA207	30		XA204	33		168	9			CSL3DA	01	CSL3CA	01	3	TQ4	C2		15A									
05550		XA204	33		XA203	74		168	9			CSL3DA	02	CSL3DA	00	1	TQ2	C3		168	SLC L300								
05551		XA203	74		XA536	50		168	9			CSL3DA	03	CSL2CA	01	7	TS8	F1		358									
05552		XA536	50					168	9			CSL3DA	04	CS0000	01	4	TS8	D1		23A									
												****	SIGNAL	(CSL3EA													IS ON THE	NEXT PAGE	****

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

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UNIT ASSEMBLY NO 149011
 FILE IDENT T39B2CP2

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RECORD NUMBER	FROM			TO			WIRE			MULTI-GROUP	CODE	COLR	IDENT	SPEC INST	SIGNAL	SEQ NO	EQUATION	TRG	FACTOR	C/T OR CHIP TYPE	GROUP	LOAD OR POWER PLANE	TEST POINTS AND OR	SIGNAL DESCRIPTION	ECO NO
	PREFIX	CONNECTOR	PIN	PREFIX	CONNECTOR	PIN	WIRE	WIRE	WIRE																
05555		XA207	31		XA204	39		168	9					CSL3EA	01	CSL3C0	01	4	T04	C2		19B			
05556		XA204	35		XA203	78		168	9					CSL3EA	02	CSL3EA	00	1	TQ2	C4		19B	SLC L300		
05557		XA203	78					168	9					CSL3EA	03	CSL2C0	01	8	YS8	F1		38A			
05558		XA207	38		XA204	52		168	9					CSL3LA	01	CSL3C0	01	1	T04	C2		17A			
05559		XA204	52		XA203	75		168	9					CSL3LA	02	CSL3LA	00	1	TQ2	D1		24A	SLC L300		
05560		XA203	75					168	9					CSL3LA	03	CSL2C0	01	3	YS8	F1		37B			
05561		XA206	29		XA206	40		168	9					CSL3MA	01	CSL4DA	01	1	TQ2	C3		14B			
05562		XA206	40		XA204	46		168	9					CSL3MA	02	CSL3M0	01	2	TQ2	C1		19A			
05563		XA204	46					168	9					CSL3MA	03	CSL3MA	00	1	TQ2	D2		21A	YCPN.EXIT*		
05564		XA206	38		XA204	56		168	9					CSL3M0	01	CSL3M0	00	1	TQ2	C1		18A			
05565		XA204	56					168	9					CSL3M0	02	CSL3LA	01	1	TQ2	D1		24A			
05566		XA207	34		XA206	39		168	9					CSL31A	01	CSL3C0	01	2	T04	C2		16A			
05567		XA206	39		XA204	65		168	9					CSL31A	02	CSL31A	00	1	TQ2	C4		19B	SLC L301		
05568		XA204	65		XA203	79		168	9					CSL31A	03	CSL2TA	01	1	TQ2	F3		34B			
05569		XA203	79					168	9					CSL31A	04	CSL2C0	01	1	YS8	F1		39B			
05570		XA210	71		XA212	42		168	9					CSL4CA	01	CS121A	01	5	YS8	F1		36A			
05571		XA212	42		XA209	50		168	9					CSL4CA	02	CS111A	01	1	T04	C1		20A			
05572		XA209	50		XA207	52		168	9					CSL4CA	03	CS1090	01	4	YS8	D1		23A			
05573		XA207	52		XA206	30		168	9					CSL4CA	04	CSL4TO	01	3	T04	D1		24A			
05574		XA206	30		XA202	19		168	9					CSL4CA	05	CSL4CA	00	1	TQ2	C2		15A	SLC L400		
05575		XA202	19		XA202	42		168	9					CSL4CA	06	CSL4V0	01	7	YS8	B1		09B			
05576		XA202	42		XA202	56		168	9					CSL4CA	07	CSL4W0	01	1	YS8	C1		20A			
05577		XA202	56					168	9					CSL4CA	08	CSL4X0	01	1	YS8	D1		24A			
05578		XA206	34		XA204	27		168	9					CSL4C0	01	CSL4CA	01	2	TQ2	C2		16A			
05579		XA204	27					168	9					CSL4C0	02	CSL4C0	00	1	TQ2	B4		13B	SLC L400		
05580		XA206	33		XA204	23		168	9					CSL4DA	01	CSL4DA	00	1	TQ2	C3		16B	SLC L400		
05581		XA204	23					168	9					CSL4DA	02	CSL4C0	01	1	TQ2	B4		11B			
05582		XA205	43		XA204	25		168	9					CSL4LA	01	CSL4LA	00	1	TT3	D2		23B	SLC L400		
05583		XA204	25					168	9					CSL4LA	02	CSL4C0	01	2	TQ2	B4		12B			
05584		XA342	59		XA206	52		168	9					CSL4MA	01	CTERNA	01	2	YT3	E3		31B			
05585		XA206	52		XA205	48		168	9					CSL4MA	02	CSL4MA	00	1	TQ2	D1		24A	ACZR.CKZR*		
05586		XA205	48		XA204	41		168	9					CSL4MA	03	CSL4LA	01	1	YT3	D2		22A			
05587		XA204	41					168	9					CSL4MA	04	CSL4M0	01	1	TQ2	D3		22B			
05590		XA206	35		XA204	45		168	9					CSL4M0	01	CSL31A	01	1	TQ2	C4		17B			
05591		XA204	45					168	9					CSL4M0	02	CSL4M0	00	1	TQ2	D3		24B			
05592		XA209	19		XA209	19		168	9					CSL4TA	01	CS0590	01	3	YS8	A1		05A			
05593		XA209	19		XA209	31		168	9					CSL4TA	02	CS0690	01	7	YS8	B1		09B			
05594		XA209	31		XA204	51		168	9					CSL4TA	03	CS0790	01	7	YS8	C1		15B			
05595		XA204	51					168	9					CSL4TA	04	CSL4TA	00	1	TQ2	D4		27B	SLC L400/L500		

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STRING

UNIT ASSEMBLY NO. 149011
 PART IDENT T3982CP2

REV D DATE 09-03-82
 NO. 116

RECORD NUMBER	FROM			TO			WIRE NO.	MULTI GROUP	CODE	COLL.	IDENT	SIGNAL	REQ NO.	QUANT ON	3	2	1	TYP	PLAN	TEST POINT	SIGNAL DESCRIPTION	TCO NO.
	PREFIX	CONNECTOR	PIN	PREFIX	CONNECTOR	PIN																
05596		XA207	47		XA204	47						CSL4T0	01	CSL4T0	00	1	T04	D1		25B	SLC L47L5	
05597		XA204	47									CSL4T0	02	CSL4T0	01	1	TQ2	D4		25B		
05598		XA210	68		XA210	52						CSL4VA	01	CS0490	01	2	TS8	E1		32A		
05599		XA210	52		XA210	40						CSL4VA	02	CS0390	01	3	TS8	D1		24A		
05600		XA210	40		XA204	60						CSL4VA	03	CS0290	01	2	TS8	C1		19A		
05601		XA204	60									CSL4VA	04	CSL4VA	00	1	TQ2	E2		28A	SLC L400/L401/L50	
05602		XA204	62		XA202	23						CSL4V0	01	CSL4VA	01	2	TQ2	E2		29A		
05603		XA202	23									CSL4V0	02	CSL4V0	00	1	TS8	B1		11B	SLC L4/L41/L5/L6/	
05604		XA210	22		XA204	57						CSL4WA	01	CS0190	01	3	TS8	B1		12A		
05605		XA204	57									CSL4WA	02	CSL4WA	00	1	TQ2	E3		30B	SLC L400/L401/L50	
05606		XA204	53		XA202	35						CSL4W0	01	CSL4WA	01	1	TQ2	E3		28B		
05607		XA202	35									CSL4W0	02	CSL4W0	00	1	TS8	C1		17B	SLC L4/L41/L5/L6/	
05608		XA210	05		XA204	63						CSL4XA	01	CS0090	01	5	TS8	A1		03B		
05609		XA204	63									CSL4XA	02	CSL4XA	00	1	TQ2	E4		33B	SLC L400/L500/L60	
05610		XA204	59		XA202	47						CSL4X0	01	CSL4XA	01	1	TQ2	E4		31B		
05611		XA202	47									CSL4X0	02	CSL4X0	00	1	TS8	D1		25B	SLC L4/L5/L6/L7	
05612		XA206	51		XA202	38						CSL41A	01	CSL41A	00	1	TQ2	D4		27B	SLC L401	
05613		XA202	38		XA202	26						CSL41A	02	CSL4W0	01	3	TS8	C1		18A		
05614		XA202	26									CSL41A	03	CSL4V0	01	1	TS8	B1		14A		
05615		XA209	71		XA205	51						CSL5CA	01	CSL290	01	5	TS8	F1		36A		
05616		XA209	51		XA202	49						CSL5CA	02	CSL5CA	00	1	TT3	D3		27B	SLC L500	
05617		XA202	49		XA202	31						CSL5CA	03	CSL4X0	01	8	TS8	D1		26B		
05618		XA202	31		XA202	24						CSL5CA	04	CSL4W0	01	7	TS8	C1		15B		
05619		XA202	24									CSL5CA	05	CSL4V0	01	2	TS8	B1		13A		
05620		XA210	78		XA209	60						CSL6CA	01	CSL21A	01	8	TS8	F1		38A		
05621		XA209	60		XA209	49						CSL6CA	02	CSL190	01	6	TS8	E1		28A		
05622		XA209	49		XA206	45						CSL6CA	03	CSL090	01	8	TS8	D1		26B		
05623		XA206	45		XA202	54						CSL6CA	04	CSL6CA	00	1	TQ2	D3		24B	SLC L600	
05624		XA202	54		XA202	40						CSL6CA	05	CSL4X0	01	2	TS8	D1		25A		
05625		XA202	40		XA202	25						CSL6CA	06	CSL4W0	01	2	TS8	C1		19A		
05626		XA202	25									CSL6CA	07	CSL4V0	01	8	TS8	B1		12B		
05627		XA206	43		XA204	72						CSL6C0	01	CSL6CA	01	2	TQ2	D3		23B		
05628		XA204	72									CSL6C0	02	CSL6C0	00	1	TQ2	F2		34A	L503/Y17	
05629		XA205	64		XA202	20						CSL62A	01	CSL62A	00	1	TT3	E1		30A	SLC L602	
05630		XA202	20									CSL62A	02	CSL4V0	01	4	TS8	B1		11A		
05631		XA207	49		XA206	46						CSL65A	01	CSL4T0	01	4	T04	D1		26B		
									****	SIGNAL		CSL65A		IS ON THE						NEXT PAGE	****	

DRAWING NUMBER 149011-800
 UNIT ASSEMBLY NAME CARD CAGE ASSY, CPU R.H.

STRING

UNIT ASSEMBLY NO 149011
 FILE IDENT T39B2CP2

REV D
 DATE 09-03-82

INDEX CSL65A
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RECORD NUMBER	FROM				TO				WIRE	MULTI GROUP	CODE	COLOR	IDENT	REF. UNIT	SIGNAL	SEQ NO	EQUATION	EFFECT	EFFECT	CRT OR CHIP TYPE	GROUP	LOAD CP POWER PLANE	TEST POINTS AND/OR	SIGNAL DESCRIPTION	ECO NO
	PREFIX	CONNECTOR	PIN	WIRE	PREFIX	CONNECTOR	PIN	WIRE																	
05632		XA206	46							16B	9			CSL65A	02	CSL65A	00	1	TQ2	D2		21A	SLC L605		
05633		XA209	66		XA209	77				16B	9			CSL7CA	01	CS1190	01	3	TS8	E1		31A			
05634		XA209	77		XA207	59				16B	9			CSL7CA	02	CS1290	01	2	TS8	F1		38B			
05635		XA207	59		XA202	43				16B	9			CSL7CA	03	CSL7CA	00	1	TD4	E1		31B	SLC L700		
05636		XA202	43		XA202	37				16B	9			CSL7CA	04	CSL4X0	01	7	TS8	D1		23B			
05637		XA202	37		XA202	22				16B	9			CSL7CA	05	CSL4V0	01	8	TS8	C1		18B			
05638		XA202	22							16B	9			CSL7CA	06	CSL4V0	01	3	TS8	B1		12A			
05116		XA132	63		XA203	70				16B	9			CSL7DA	01	CSL7DA	00	1	TT3	E3		33B			
17240		XA203	70							16B	9			CSL7DA	02	CSL7CA	01	1	TS8	E1		33A			
05639		XA515	48		XA415	69				16B	9			CSPINO	01	P0025A	01	1	TT3	D2		22A			
05640		XA415	69							16B	9			CSPINO	02	CSPINO	00	1	TQ2	F3		35A	SEMIPRIVILEGED IN		
05641		XA213	03		XA213	17				16B	9			CSRS1A	01	CS01BQ	01	1	TDD	BQ		02A			
05642		XA213	17		XA213	27				16B	9			CSRS1A	02	CS03BQ	01	1	TDD	DQ		08B			
05643		XA213	27		XA213	29				16B	9			CSRS1A	03	CS02BQ	01	1	TDD	CQ		13B			
05644		XA213	29		XA213	39				16B	9			CSRS1A	04	CS05BQ	01	1	TDD	FQ		14B			
05645		XA213	39		XA213	41				16B	9			CSRS1A	05	CS04BQ	01	1	TDD	EQ		19B			
05646		XA213	41		XA213	51				16B	9			CSRS1A	06	CS07BQ	01	1	TDD	HQ		22B			
05647		XA213	51		XA215	64				16B	9			CSRS1A	07	CS06BQ	01	1	TDD	GQ		27B			
05648		XA215	64		XA215	75				16B	9			CSRS1A	08	CS0EBP	01	1	TDD	KP		30A			
05649		XA215	75		XA213	75				16B	9			CSRS1A	09	CS0FBP	01	1	TDD	LP		37B			
05650		XA213	75		XA204	80				16B	9			CSRS1A	10	CS12BP	01	1	TDD	LP		37B			
05651		XA204	80							16B	9			CSRS1A	11	CSRS1A	00	1	TQ2	F4		39A	SET CS0107,12- AS		
05656		XA501	53		XA204	76				16B	9			CSRS10	01	PTXRSA	01	1	TQ2	E3		28B			
05657		XA204	76		XA205	63				16B	9			CSRS10	02	CSRS1A	01	1	TQ2	F4		37A			
05658		XA205	63		XA131	70				16B	9			CSRS10	03	CSRS10	00	1	TT3	E3		33B	ENTER BTSP/ENTR A		
05659		XA131	70							16B	9			CSRS10	04	CRXRSA	01	1	TQ2	E1		33A			
05660		XA225	24		XA212	11				16B	9			CSX1CA	01	CG15CO	01	2	TQ2	B1		13A			
05661		XA212	11							16B	9			CSX1CA	02	CSX1CA	00	1	TD4	A1		05B	DECODE L1 STATE		
05662		XA225	18		XA212	09				16B	9			CSX2CA	01	CG25CO	01	2	TQ2	B2		10A			
05663		XA212	09							16B	9			CSX2CA	02	CSX2CA	00	1	TD4	A2		04B	L2		
05664		XA225	40		XA212	23				16B	9			CSX3CA	01	CG35CO	01	2	TQ2	C1		19A			
05665		XA212	23							16B	9			CSX3CA	02	CSX3CA	00	1	TD4	B1		11B	L3		
05666		XA225	48		XA212	21				16B	9			CSX4CA	01	CG45CO	01	2	TQ2	D2		22A			
05667		XA212	21		XA206	71				16B	9			CSX4CA	02	CSX4CA	00	1	TD4	B2		10B	L4		
05668		XA206	71		XA401	48				16B	9			CSX4CA	03	CS0B1A	01	2	TQ2	F2		36A			
05669		XA401	48							16B	9			CSX4CA	04	C613DA	01	1	TT3	D2		22A			
05672		XA225	70		XA207	57				16B	9			CSX5CA	01	CG55CO	01	1	TQ2	E1		33A			
05673		XA207	57							16B	9			CSX5CA	02	CSX5CA	00	1	TD4	E2		30B	L5		
05674		XA225	64		XA207	76				16B	9			CSX6CA	01	CG65CO	01	1	TQ2	E2		30A			
														*** SIGNAL	CSX6CA										

3-2078-1

DRAWING NUMBER		149011-800		STRING		UNIT ASSEMBLY NO.		149011		REV. D		NO. OF		CSX6CA								
UNIT ASSEMBLY NAME		CARD CAGE ASSY, CPU R.H.				FILE IDENT.		T39B2CP2		DATE		09-03-82		PAGE 118								
RECORD NUMBER	FROM			TO			MULTI GROUP	CODE	COLON	IDENT	SIGNAL	SIG NO.	EQUATION	STATE	CAT. OR IN-P. TYPE	GROUP	LOC. OR POWER PLANT	POINT NO.	SIGNAL DESCRIPTION	ECO NO.		
	PREFIX	CONNECTOR	PIN	PREFIX	CONNECTOR	PIN																
05675		XA207	76					168	9		CSX6CA	02	CSX6CA	00	1	TD4	F1	37A	L6			
05676		XA338	75		XA540	53		168	9		CSX7CA	01	CS27KA	01	3	TD4	F1	37B				
05677		XA540	53		XA225	78		168	9		CSX7CA	02	CS18MA	01	3	TT3	E2	28B				
05678		XA225	78					168	9		CSX7CA	03	CG75CU	J1	2	TQ2	F4	38A				
05679		XA207	69		XA207	69		168	9		CSX7CA	04	CSX7CA	00	1	TD4	F2	39A				
05684		XA341	77		XA312	30		168	9		CS0BBP	01	CTRLZA	01	2	TQ2	F1	38B				
05685		XA312	30		XA215	59		168	9		CS0BBP	02	CS43JA	01	3	TD4	C2	15A				
05686		XA215	59		XA132	03		168	9		CS0BBP	03	CS0BBP	00	1	TDD	JP	31B	ST CTR MASTER RES			
05687		XA132	03					168	9		CS0BBP	04	CR31HO	01	3	TT3	A2	02A				
05689		XA326	68		XA215	61		168	9		CS0BBQ	02	JC07RD	01	2	TLD	E1	32A				
05690		XA215	61		XA211	56		168	9		CS0BBQ	03	CS0BBQ	00	1	TDD	JQ	32B	BTSP START SELECT			
14678		XA211	56		XA206	73		168	9		CS0BBQ	04	CS00RA	01	1	TQ2	D1	26A				
05691		XA206	73		XA108	26		168	9		CS0BBQ	05	CS0B1A	01	1	TQ2	F2	36B				
14681		XA108	26					168	9		CS0BBQ	06	ESOTRA	01	1	TT3	B1	14A				
05692		XA217	74		XA206	77		168	9		CS0BRA	01	CS0BRA	00	1	TT3	F2	35B	BTSP RESET CS,PT			
05693		XA206	77		XA205	61		168	9		CS0BRA	02	CS0LS0	01	2	TQ2	F1	38B				
05694		XA205	61					168	9		CS0BRA	03	CSRS1J	01	3	TT3	E3	32B				
05695		XA117	80		XA205	73		168	9		CS0BSA	01	ES0TBQ	01	1	TDD	LQ	39A				
05696		XA205	73		XA215	63		168	9		CS0BSA	02	CS0BSA	00	1	TT3	F1	36B				
05697		XA215	63					168	9		CS0BSA	03	CS0BBQ	01	1	TDD	JQ	33B				
05698		XA206	72		XA212	54		168	9		CS0B1A	01	CS0B1A	00	1	TQ2	F2	34A	HOLD BTSP UNTIL T			
05699		XA212	54					168	9		CS0B1A	02	CS0B90	01	2	TD4	D1	25A				
05700		XA206	69		XA212	49		168	9		CS0B2A	01	CS0B2A	00	1	TQ2	F3	35A	SET BTSP			
05701		XA212	49		XA106	40		168	9		CS0B2A	02	CS0B90	01	4	TD4	D1	26B				
05702		XA106	40					168	9		CS0B2A	03	ES0T90	01	2	TD4	C1	19A				
05703		XA215	68		XA212	47		168	9		CS0B90	01	CS0B81	01	1	TDD	J1	32A				
05704		XA212	47					168	9		CS0B90	02	CS0B90	00	1	TD4	D1	25B	SET BTSP DATA IN			
18685		XA402	76		XA215	57		168	9		CS0EBP	03	CMCLXA	01	1	TQ2	F4	37A				
05707		XA215	57		XA211	40		168	9		CS0EBP	01	CS0EBP	00	1	TDD	KP	30B				
05708		XA211	40		XA211	36		168	9		CS0EBP	02	CS0E9J	01	2	TQ2	C1	19A				
05709		XA211	36		XA211	26		168	9		CS0EBP	03	CS0E9J	01	1	TQ2	C2	17A				
05710		XA211	26		XA211	25		168	9		CS0EBP	04	CS0E9J	01	1	TQ2	B1	14A				
05711		XA211	25		XA211	18		168	9		CS0EBP	05	CS0EQ0	01	2	TQ2	B4	12B				
05712		XA211	18		XA211	19		168	9		CS0EBP	06	CS0EEJ	01	2	TQ2	B2	10A				
05713		XA211	19					168	9		CS0EBP	07	CS0EHO	01	2	TQ2	B3	09B				
05714		XA534	68		XA329	61		168	9		CS0EBQ	01	COMQ3A	01	2	TQ2	E1	32A				
05716		XA329	61		XA218	79		168	9		CS0EBQ	03	DCI2SD	01	2	TLD	E4	32B				
05717		XA218	79		XA215	55		168	9		CS0EBQ	04	CS0E1A	01	1	TS8	F1	39B				
05718		XA215	55		XA213	71		168	9		CS0EBQ	05	CS0EBQ	00	1	TDD	KQ	29B				
05719		XA213	71		XA108	08		168	9		CS0EBQ	06	CQEXB1	01	1	TDD	M1	36A				
												****	SIGNAL	(CS0EBQ)	IS ON THE		NEXT PAGE		****			

DRAWING NUMBER 149011-800		STRING		UNIT ASSEMBLY NO 149011		REV 0		INDEX CSOEBQ								
UNIT ASSEMBLY NAME CARD CAGE ASSY, CPU R.H.				FILE IDENT T3982CP2		DATE 09-03-82		PAGE 119								
RECORD NUMBER	FROM	TO		WIRE	IDENT	SIGNAL	SEQ NO	EQUATION	TRM	FACTORY	CHK OR CHIP TYPE	PROP	LOAD OR POWER PLANE	TEST POINTS AND OP	SIGNAL DESCRIPTION	ECO NO
	PREF.1	CONNECTOR	PIN	3	PREF.1	CONNECTOR	PIN	168 9	CODE	COL. IN						
05720		XA108	08						168 9					08A		
05725		XA221	01		XA221	09			168 9					02B		
05726		XA221	09		XA221	10			168 9					04B		
05727		XA221	10		XA221	14			168 9					07A		
05728		XA221	14		XA221	21			168 9					09A		
05729		XA221	21		XA221	24			168 9					10B		
05730		XA221	24		XA221	34			168 9					13A		
05731		XA221	34		XA221	38			168 9					16A		
05732		XA221	38		XA211	22			168 9					18A		
05733		XA211	22						168 9					12A	UNLOAD CSOEBQ- EX	
05734		XA221	75		XA221	70			168 9					37B		
05735		XA221	70		XA221	59			168 9					33A		
05736		XA221	59		XA221	60			168 9					31B		
05737		XA221	60		XA221	56			168 9					28A		
05738		XA221	56		XA221	47			168 9					26A		
05739		XA221	47		XA221	41			168 9					29B		
05740		XA221	41		XA221	35			168 9					22B		
05741		XA221	35		XA211	14			168 9					17B		
05742		XA211	14						168 9					09A	UNLOAD CSOEBQ- EX	
05743		XA312	62		XA312	50			168 9					29A		
05744		XA312	50		XA312	42			168 9					23A		
05745		XA312	42		XA309	42			168 9					20A		
05746		XA309	42		XA309	49			168 9					20A		
05747		XA309	49		XA203	50			168 9					26B		
05748		XA203	50		XA203	31			168 9					23A		
05749		XA203	31		XA203	25			168 9					19B		
05750		XA203	25		XA203	10			168 9					12B		
05751		XA203	10		XA211	21			168 9					07A		
05752		XA211	21						168 9					10B	CSOEBQ UNLOAD	
05755		XA243	64		XA243	56			168 9					30A		
05756		XA243	56		XA243	48			168 9					24A		
05757		XA243	48		XA242	49			168 9					22A		
05758		XA242	49		XA241	46			168 9					22B		
05759		XA241	46		XA241	38			168 9					21A		
05760		XA241	38		XA242	34			168 9					18A		
05761		XA242	34		XA243	36			168 9					16A		
05762		XA243	36		XA242	22			168 9					17A		
05763		XA242	22		XA243	19			168 9					12A		
05765		XA243	19		XA211	27			168 9					09B		
05765		XA211	27						168 9					13B	CSOEBQ UNLOAD	
05766		XA243	07		XA243	13			168 9					03A		
05767		XA243	13		XA239	10			168 9					06B		
05768		XA239	10		XA239	56			168 9					07A		
05769		XA239	56		XA237	73			168 9					24A		
05770		XA237	73		XA235	60			168 9					36B		
**** SIGNAL CSOERO IS ON THE NEXT PAGE ****																

DRAWING NUMBER 149011-800										STRING		UNIT ASSEMBLY NO 149011		REV D		INDEX CS0E0			
UNIT ASSEMBLY NAME CARD CAGE ASSY,CPU R.H.												FILE IDENT T39B2CP2		DATE 09-03-82		PAGE 120			
RECORD NUMBER	PREFIX	CONNECTOR	PIN	W	PREFIX	CONNECTOR	PIN	W	W R E	SIGNAL	SEQ NO	EQUATION	Z	CHT OR CHIP TYPE	GROUP	LOAD OR POWER PLANE	TEST POINTS AND/OR	SIGNAL DESCRIPTION	TCO NO
05771		XA235	50							CS0E0	06	C228CA	01	6	TS8	E1	28A		
05772		XA233	40							CS0E0	07	C236LA	01	2	TS8	C1	19A		
05773		XA230	01							CS0E0	08	C238JA	01	31	TD4	A2	02B		
05774		XA211	38							CS0E0	09	CS0E0	00	1	TQ2	C1	18A	CS0E0 UNLOAD	
05777		XA534	65							CS0E0	01	QM2EA	01	1	TQ2	F3	34B		
05778		XA534	73							CS0E0	02	QM2CA	01	1	TQ2	F2	38B		
05779		XA546	78							CS0E0	03	QM2GA	01	4	TD4	F1	38A		
05780		XA447	38							CS0E0	04	C407EA	01	1	TD4	C2	17A		
05781		XA447	40							CS0E0	05	C406HA	01	2	TD4	C1	19A		
05782		XA447	64							CS0E0	06	C450PA	01	1	TD4	E2	30A		
05783		XA443	64							CS0E0	07	C403DA	01	4	TS8	E1	30A		
05784		XA443	43							CS0E0	08	C402DA	01	7	TS8	D1	23B		
05785		XA443	37							CS0E0	09	C401DA	01	8	TS8	C1	18B		
05786		XA443	25							CS0E0	10	C400DA	01	8	TS8	B1	12B		
05787		XA211	30							CS0E0	11	CS0E0	00	1	TQ2	C2	15A	CS0EBQ UNLOAD	
05788		XA218	76							CS0E1A	01	CS0E1A	00	1	TS8	F1	37A	HOLD EXECUTION ST	
05789		XA208	38							CS0E1A	02	CS0E90	01	1	TS8	D1	28A		
05790		XA215	62							CS0E90	01	CS0EB1	01	1	TD0	K1	29A		
05791		XA208	47							CS0E90	02	CS0E90	00	1	TS8	D1	25B	SET EXECUTION STA	
05792		XA211	37							CS0FBP	01	CS0FC0	01	2	TQ2	C4	18B		
05793		XA215	76							CS0FBP	02	CS0FBP	00	1	TD0	LP	37A		
05794		XA329	53							CS0FBQ	01	OC13SD	01	1	TQ0	E3	28B		
05795		XA215	78							CS0FBQ	02	CS0FBQ	00	1	TD0	LQ	38A		
05796		XA212	50							CS0FBQ	03	CS0F1A	01	1	TD4	D2	23A		
18637		XA306	53							CS0FBQ	04	CMCLWA	01	1	TQ2	E3	28B		
05797		XA223	77							CS0FC0	01	CF04CA	01	2	TQ2	F1	38B		
05798		XA223	73							CS0FC0	02	CF05CA	01	1	TQ2	F2	38B		
05799		XA223	74							CS0FC0	03	CF06CA	01	2	TQ2	F3	38B		
05800		XA223	70							CS0FC0	04	CF00CA	01	1	TQ2	E1	33A		
05801		XA223	61							CS0FC0	05	CF03CA	01	2	TQ2	E4	32B		
05802		XA223	64							CS0FC0	06	CF01CA	01	1	TQ2	E2	30A		
05803		XA223	55							CS0FC0	07	CF02CA	01	2	TQ2	E3	29B		
05804		XA211	39							CS0FC0	08	CS0FC0	00	1	TQ2	C4	19B	UNLOAD CS0FBQ-FET	
05805		XA212	45							CS0F1A	01	CS0F1A	00	1	TD4	D2	24B	HOLD FETCH STATE	
05806		XA208	60							CS0F1A	02	CS0F90	01	6	TS8	E1	28A		
05807		XA215	77							CS0F90	01	CS0FB1	01	1	TD0	L1	38B		
05808		XA208	59							CS0F90	02	CS0F90	00	1	TS8	E1	31B	SET FETCH STATE	
05811		XA215	69							CS0LBP	01	CS0LBP	00	1	TD0	MP	35A		
05812		XA211	29							CS0LBP	02	CS0LCO	01	1	TQ2	C3	14B		
05813		XA107	11							CS0LBP	03	ES01DA	01	1	TQ2	A4	05B		
05814		XA107	07							CS0LBP	04	ES02CA	01	2	TQ2	A3	03A		

DRAWING NUMBER 149011-800
 UNIT ASSEMBLY NAME CARD CAGE ASSY,CPU R.H.

STRING

UNIT ASSEMBLY NO 149011
 FILE IDENT T39B2CP2

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 DATE 09-03-82

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RECORD NUMBER	FROM				TO				WIRE				SIGNAL	SEQ NO	EQUATION	I TERM	FACTOR	CMT OR CHIP TYPE	PROP	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											
05815		XA534	41		XA329	79			168	9			CSOLBQ	01	COMOLA	01	1	TQ2	D3		228		
05816		XA329	79		XA215	74			168	9			CSOLBQ	02	DC11SD	01	1	TLD	F1		398		
05817		XA215	74		XA212	30			168	9			CSOLBQ	03	CSOLBQ	00	1	TDD	NQ		358		
05818		XA212	30						168	9			CSOLBQ	04	CSOL1A	01	3	TD4	C2		15A		
05823		XA540	62		XA538	78			168	9			CSOLCO	01	C518MA	01	1	TT3	E2		29A		
05824		XA538	78		XA401	46			168	9			CSOLCO	02	C527KA	01	4	TD4	F1		38A		
05825		XA401	46		XA207	78			168	9			CSOLCO	03	C613DA	01	2	TT3	D2		21A		
05826		XA207	78		XA207	73			168	9			CSOLCO	04	CSX6CA	01	4	TD4	F1		38A		
05827		XA207	73		XA207	62			168	9			CSOLCO	05	CSX7CA	01	1	TD4	F2		368		
05828		XA207	62		XA211	33			168	9			CSOLCO	06	CSX5CA	01	2	TD4	E2		29A		
05829		XA211	33		XA212	22			168	9			CSOLCO	07	CSOLCO	00	1	TQ2	C3		168		UNLOAD CSOFBQ- LE
05830		XA212	22		XA212	19			168	9			CSOLCO	08	CSX3CA	01	3	TD4	B1		12A		
05831		XA212	19		XA212	13			168	9			CSOLCO	09	CSX4CA	01	4	TD4	B2		098		
05832		XA212	13		XA212	04			168	9			CSOLCO	10	CSX1CA	01	4	TD4	A1		068		
05833		XA212	04						168	9			CSOLCO	11	CSX2CA	01	1	TD4	A2		04A		
05834		XA217	55		XA215	65			168	9			CSOLSA	01	CSOLSA	00	1	TT3	E2		298		SET L600/L601- AS
05835		XA215	65		XA213	63			168	9			CSOLSA	02	CSOLBQ	01	1	TDD	NQ		348		
05836		XA213	63		XA213	53			168	9			CSOLSA	03	CS108Q	01	1	TDD	JQ		338		
05837		XA213	53						168	9			CSOLSA	04	CS118Q	01	1	TDD	KQ		288		
05838		XA217	53		XA206	75			168	9			CSOLSO	01	CSOLSA	01	3	TT3	E2		288		
05839		XA206	75						168	9			CSOLSO	02	CSOLSO	00	1	TQ2	F1		378		ENTER BTSP/ MASTE
05840		XA212	33		XA208	77			168	9			CSOL1A	01	CSOL1A	00	1	TD4	C2		168		HOLD LEVEL CHANGE
05841		XA208	77						168	9			CSOL1A	02	CSOL90	01	2	TS8	F1		388		
05842		XA215	71		XA208	76			168	9			CSOL90	01	CSOLB1	01	1	TDD	HT		36A		
05843		XA208	76						168	9			CSOL90	02	CSOL90	00	1	TS8	F1		37A		SET LEVEL CHANGE
05844		XA221	33		XA220	05			168	9			CS00BP	01	CE10CA	01	1	TT3	C3		168		
05845		XA220	05		XA221	03			168	9			CS00BP	02	CD01CA	01	2	TQ2	A2		038		
05846		XA221	03		XA213	11			168	9			CS00BP	03	CE01CA	01	3	TT3	A2		02A		
05847		XA213	11		XA210	14			168	9			CS00BP	04	CS00BP	00	1	TDD	AP		058		
05848		XA210	14		XA108	14			168	9			CS00BP	05	CSOL90	01	6	TS8	B1		09A		
05849		XA108	14						168	9			CS00BP	06	ET10CA	01	2	TT3	B2		08A		
05850		XA327	76		XA221	54			168	9			CS00BQ	01	DC00SD	01	1	TLD	F4		37A		
05851		XA221	54		XA220	10			168	9			CS00BQ	02	CE11CA	01	2	TT3	D1		25A		
05852		XA220	10		XA221	08			168	9			CS00BQ	03	CD00CA	01	1	TQ2	A1		07A		
05853		XA221	08		XA213	13			168	9			CS00BQ	04	CE00CA	01	2	TT3	A1		06A		
05854		XA213	13		XA114	56			168	9			CS00BQ	05	CS00BQ	00	1	TDD	AQ		068		
05855		XA114	56		XA108	21			168	9			CS00BQ	06	ED012A	01	1	TQ2	D1		26A		
05856		XA108	21						168	9			CS00BQ	07	ET11CA	01	1	TT3	B3		108		
05857		XA213	15		XA211	52			168	9			CS00RA	01	CS00BQ	01	1	TDD	AQ		078		
05858		XA211	52						168	9			CS00RA	02	CS00RA	00	1	TQ2	D1		24A		SET CS00- ASYNCH

3-2879-1

DRAWING NUMBER 149011-800
 UNIT ASSEMBLY NAME CARD CAGE ASSY, CPU R.H.

STRING

UNIT ASSEMBLY NO 149011
 FILE IDENT T39B2CP2

REV D DATE 09-03-82

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RECORD NUMBER	FROM				TO				WIRE				SIGNAL	REQ NO	EQUATION	Z	F	C	G	M	LOAD OF POWER PLANE	TEST POINTS AND JP	SIGNAL DESCRIPTION	ECO NO	
	PREFIX	CONNECTOR	PIN	WIRE NO	PREFIX	CONNECTOR	PIN	WIRE NO	INS	MULTI GROUP	CODE	COIL IN													IDENT
05902		XA312	60		XA211	45		168	9					CS02L0	01	C341EA	01	3	T04	E2		28A			
05903		XA211	45		XA203	34		168	9					CS02L0	02	CS02L0	00	1	T02	D3		24B	CS02BP UNLOAD		
05904		XA203	34		XA203	19		168	9					CS02L0	03	CSE3FA	01	5	TS8	C1		16A			
05905		XA203	19		XA203	06		168	9					CS02L0	04	CSE3CA	01	7	TS8	B1		09B			
05906		XA203	06					168	9					CS02L0	05	CSE2CA	01	3	TS8	A1		05A			
05909		XA239	08		XA242	26		168	9					CS02P0	01	C215CA	01	2	T04	A1		06A			
05910		XA242	26		XA243	31		168	9					CS02P0	02	C213EA	01	1	TS8	B1		14A			
05911		XA243	31		XA242	42		168	9					CS02P0	03	C212CA	01	4	T04	C2		19B			
05912		XA242	42		XA242	43		168	9					CS02P0	04	C212EA	01	1	TS8	C1		20A			
05913		XA242	43		XA241	56		168	9					CS02P0	05	C210DA	01	7	TS8	D1		23B			
05914		XA241	56		XA237	74		168	9					CS02P0	06	C212DA	01	1	TS8	D1		26A			
05915		XA237	74		XA235	66		168	9					CS02P0	07	C229CA	01	7	TS8	F1		35B			
05916		XA235	66		XA222	60		168	9					CS02P0	08	C228CA	01	3	TS8	E1		31A			
05917		XA222	60		XA108	42		168	9					CS02P0	09	CS02P0	00	1	T02	E2		28A	CS02BP UNLOAD		
05918		XA108	42					168	9					CS02P0	10	ET12CA	01	1	TT3	C1		20A			
05921		XA243	14		XA243	55		168	9					CS02Q0	01	C213DA	01	3	T04	B2		09A			
05922		XA243	55		XA309	46		168	9					CS02Q0	02	C207DA	01	4	T04	E2		29B			
05923		XA309	46		XA312	46		168	9					CS02Q0	03	C336HA	01	6	TS8	O1		21A			
05924		XA312	46		XA222	57		168	9					CS02Q0	04	C341DA	01	3	T04	D2		21A			
05925		XA222	57		XA114	43		168	9					CS02Q0	05	CS02Q0	00	1	T02	E3		30B	CS02BQ UNLOAD		
05926		XA114	43		XA108	30		168	9					CS02Q0	06	ED032A	01	2	T02	D3		23B			
05927		XA108	30					168	9					CS02Q0	07	ET13CA	01	2	TT3	C2		15A			
05928		XA213	24		XA210	35		168	9					CS0290	01	CS0281	01	1	T00	C1		13A			
05929		XA210	35					168	9					CS0290	02	CS0290	00	1	TS8	C1		17B	SET CS02		
05930		XA222	71		XA221	49		168	9					CS03BP	01	CS03Q0	01	2	T02	F2		36A			
05931		XA221	49		XA220	24		168	9					CS03BP	02	CE13CA	01	3	TT3	D3		26B			
05932		XA220	24		XA221	17		168	9					CS03BP	03	CD04CA	01	2	T02	B1		13A			
05933		XA221	17		XA213	21		168	9					CS03BP	04	CE04CA	01	3	TT3	B2		08B			
05934		XA213	21		XA211	49		168	9					CS03BP	05	CS03BP	00	1	T00	DP		10B			
05935		XA211	49		XA210	70		168	9					CS03BP	06	CS03H0	01	2	T02	D4		26B			
05936		XA210	70					168	9					CS03BP	07	CS0490	01	1	TS8	E1		33A			
05937		XA327	77		XA222	79		168	9					CS03BQ	01	DC03SD	01	2	T1D	F1		38B			
05938		XA222	79		XA221	68		168	9					CS03BQ	02	CS03P0	01	1	T02	F1		39B			
05939		XA221	68		XA222	59		168	9					CS03BQ	03	CE14CA	01	2	TT3	E1		32A			
05940		XA222	59		XA221	22		168	9					CS03BQ	04	CS03L0	01	1	T02	E4		31B			
05941		XA221	22		XA220	11		168	9					CS03BQ	05	CE03CA	01	3	TT3	B1		12A			
05942		XA220	11		XA213	19		168	9					CS03BQ	06	CD03CA	01	1	T02	A4		09B			
05943		XA213	19					168	9					CS03BQ	07	CS03BQ	00	1	T00	DQ		09B			
05944		XA312	55		XA211	51		168	9					CS03H0	01	C341EA	01	4	T04	E2		29B			
05945		XA211	51		XA203	30		168	9					CS03H0	02	CS03H0	00	1	T02	D4		27B	CS03BQ UNLOAD		
05946		XA203	30		XA203	24		168	9					CS03H0	03	CSE3FA	01	6	TS8	C1		15A			
05947		XA203	24		XA203	13		168	9					CS03H0	04	CSE3CA	01	2	TS8	B1		13A			
05948		XA203	13					168	9					CS03H0	05	CSE2CA	01	8	TS8	A1		04B			
													****	SIGNAL	CS03L0	IS ON THE NEXT PAGE ****									

DRAWING NUMBER		149011-800		STRING		UNIT ASSEMBLY NO.		149011		REV. D		NO. CS03L0				
UNIT ASSEMBLY NAME		CARD CAGE ASSY, CPU R.H.		FILE IDENT.		T39B2CP2		DATE		09-03-82		PAGE 124				
RECORD NO.	PREFIX	CONNECTOR	PIN	PREFIX	CONNECTOR	PIN	MULTI GROUP	CODE	COL. C	IDENT	SIGNAL	SFC NO.	EQUATION	TEST POINTS AND/OR	SIGNAL DESCRIPTION	SFC NO.
05951		XA447	34		XA447	42		168	9		CS03L0	01	C407EA	01 2 TD4 C2	16A	
05952		XA447	42		XA447	55		168	9		CS03L0	02	C406HA	01 1 TD4 C1	20A	
05953		XA447	55		XA443	60		168	9		CS03L0	03	C450PA	01 4 TD4 E2	29B	
05954		XA443	60		XA443	49		168	9		CS03L0	04	C403DA	01 6 TS8 E1	28A	
05955		XA443	49		XA443	31		168	9		CS03L0	05	C402DA	01 8 TS8 D1	28B	
05956		XA443	31		XA443	24		168	9		CS03L0	06	C401DA	01 7 TS8 C1	15B	
05957		XA443	24		XA222	65		168	9		CS03L0	07	C400DA	01 2 TS8 B1	13A	
05958		XA222	63					168	9		CS03L0	08	CS03L0	00 1 TQ2 E4	33B	CS03BP UNLOAD
05961		XA243	04		XA243	10		168	9		CS03P0	01	C214TA	01 1 TD4 A2	04A	
05962		XA243	10		XA243	49		168	9		CS03P0	02	C214SA	01 1 TD4 A1	07A	
05963		XA243	49		XA233	30		168	9		CS03P0	03	C210CA	01 4 TD4 D1	26B	
05964		XA233	30		XA230	04		168	9		CS03P0	04	C236LA	01 6 TS8 C1	13A	
05965		XA230	04		XA222	75		168	9		CS03P0	05	C238JA	01 1 TD4 A2	04A	
05966		XA222	75		XA108	34		168	9		CS03P0	06	CS03P0	00 1 TQ2 F1	37B	CS03BP UNLOAD
05967		XA108	34					168	9		CS03P0	07	ET13CA	01 1 TT3 C2	16A	
05968		XA239	13		XA242	24		168	9		CS03Q0	01	C215CA	01 4 TD4 A1	06B	
05969		XA242	24		XA243	34		168	9		CS03Q0	02	C213EA	01 2 TS8 B1	13A	
05970		XA243	34		XA242	40		168	9		CS03Q0	03	C212CA	01 2 TD4 C2	16A	
05971		XA242	40		XA242	48		168	9		CS03Q0	04	C212EA	01 2 TS8 C1	19A	
05972		XA242	48		XA241	54		168	9		CS03Q0	05	C210DA	01 5 TS8 D1	22A	
05973		XA241	54		XA237	71		168	9		CS03Q0	06	C212DA	01 2 TS8 D1	25A	
05974		XA237	71		XA235	70		168	9		CS03Q0	07	C229CA	01 5 TS8 F1	36A	
05975		XA235	70		XA222	72		168	9		CS03Q0	08	C228CA	01 1 TS8 E1	33A	
05976		XA222	72		XA115	49		168	9		CS03Q0	09	CS03Q0	00 1 TQ2 F2	34A	CS03BQ UNLOAD
05977		XA115	49		XA108	37		168	9		CS03Q0	10	ED04ZA	01 2 TQ2 D4	28B	
05978		XA108	37					168	9		CS03Q0	11	ET14CA	01 3 TT3 C3	18B	
05979		XA213	18		XA210	47		168	9		CS0390	01	CS03B1	01 1 TDD D1	10A	
05980		XA210	47					168	9		CS0390	02	CS0390	00 1 TS8 D1	25B	SET CS03
05981		XA223	76		XA222	74		168	9		CS04BP	01	CS04Q0	01 1 TQ2 F4	37A	
05982		XA222	74		XA221	66		168	9		CS04BP	02	CS04H0	01 2 TQ2 F3	35B	
05983		XA221	66		XA221	23		168	9		CS04BP	03	CE14CA	01 3 TT3 E1	31A	
05984		XA221	23		XA220	20		168	9		CS04BP	04	CE05CA	01 2 TT3 B3	11B	
05985		XA220	20		XA213	35		168	9		CS04BP	05	CD05CA	01 1 TQ2 B2	11A	
05986		XA213	35		XA209	05		168	9		CS04BP	06	CS04BP	00 1 TDD EP	17B	
05987		XA209	05					168	9		CS04BP	07	CS0590	01 5 TS8 A1	03B	
05988		XA327	59		XA222	76		168	9		CS04BQ	01	DC04SD	01 1 TLD E4	31B	
05989		XA222	76		XA221	62		168	9		CS04BQ	02	CS04P0	01 1 TQ2 F4	37A	
05990		XA221	62		XA220	26		168	9		CS04BQ	03	CE15CA	01 1 TT3 E2	29A	
05991		XA220	26		XA221	18		168	9		CS04BQ	04	CD04CA	01 1 TQ2 B1	14A	
05992		XA221	18		XA213	37		168	9		CS04BQ	05	CE04CA	01 1 TT3 B2	10A	
05993		XA213	37					168	9		CS04BQ	06	CS04BQ	00 1 TDD EQ	18B	
05996		XA447	31		XA447	37		168	9		CS04H0	01	C407EA	01 4 TD4 C2	15B	
05997		XA447	37		XA447	62		168	9		CS04H0	02	C406HA	01 4 TD4 C1	18B	
05998		XA447	62		XA443	62		168	9		CS04H0	03	C450PA	01 2 TD4 E2	29A	
								***		SIGNAL	CS04H0				IS ON THE NEXT PAGE	***

DRAWING NUMBER 149011-800
UNIT ASSEMBLY NAME CARD CAGE ASSY,CPU R.H.

STRING

UNIT ASSEMBLY NO 149011
FILE IDENT T39B2CP2 DATE 09-03-82 INDEX PAGE CS04H0 125

RECORD NUMBER	FROM				TO				WIRE			SIGNAL	SEQ NO	EQU TION	3	B	CRY OR CHIP TYPE	GROUP	LOAD OR POWER PLANE	TEST POINTS AND/OR	SIGNAL DESCRIPTION	ECO NO	
	PREFIX	CONNECTOR	PIN	C/S	PREFIX	CONNECTOR	PIN	C/S	MULTI GROUP	CODE	COLOR												IDENT
05999		XA443	62		XA443	54			168	9		CS04HO	04	C403DA	01	5	TS8	E1		29A			
06000		XA443	54		XA443	40			168	9		CS04HO	05	C402DA	01	2	TS8	D1		25A			
06001		XA443	40		XA443	22			168	9		CS04HO	06	C401DA	01	2	TS8	C1		19A			
06002		XA443	22		XA222	69			168	9		CS04HO	07	C400DA	01	3	TS8	B1		12A			
06003		XA222	69						168	9		CS04HO	08	CS04HO	00	1	TQ2	F3		35A	CS04BQ UNLOAD		
06004		XA241	37		XA239	52			168	9		CS04PO	01	C213CA	01	8	TS8	C1		18B			
06005		XA239	52		XA222	80			168	9		CS04PO	02	C229HA	01	3	T04	D1		24A			
06006		XA222	80		XA312	37			168	9		CS04PO	03	CS04PO	00	1	TQ2	F4		39A	CS04BP UNLOAD		
06007		XA312	37		XA203	46			168	9		CS04PO	04	C341GA	01	4	T04	C1		18B			
06008		XA203	46		XA108	35			168	9		CS04PO	05	CSE4CA	01	6	TS8	D1		21A			
06009		XA108	35						168	9		CS04PO	06	ET14CA	01	2	TT3	C3		17B			
06010		XA243	05		XA243	08			168	9		CS04QO	01	C214TA	01	2	T04	A2		03B			
06011		XA243	08		XA243	54			168	9		CS04QO	02	C214SA	01	2	T04	A1		06A			
06012		XA243	54		XA233	31			168	9		CS04QO	03	C210CA	01	2	T04	D1		25A			
06013		XA233	31		XA230	05			168	9		CS04QO	04	C236LA	01	7	TS8	C1		15B			
06014		XA230	05		XA223	80			168	9		CS04QO	05	C238JA	01	2	T04	A2		03B			
06015		XA223	80		XA114	70			168	9		CS04QO	06	CS04QO	00	1	TQ2	F4		39A	CS04BQ UNLOAD		
06016		XA114	70		XA108	54			168	9		CS04QO	07	ED052A	01	1	TQ2	E1		33A			
06017		XA108	54						168	9		CS04QO	08	ET15CA	01	2	TT3	D1		25A			
06018		XA213	40		XA210	59			168	9		CS0490	01	CS0481	01	1	T00	E1		19A			
06019		XA210	59						168	9		CS0490	02	CS0490	00	1	TS8	E1		31B	SET CS04		
06020		XA220	17		XA221	40			168	9		CS05BP	01	CD06CA	01	1	TQ2	B3		08B			
06021		XA221	40		XA221	53			168	9		CS05BP	02	CE06CA	01	2	TT3	C1		19A			
06022		XA221	53		XA211	62			168	9		CS05BP	03	CE15CA	01	3	TT3	E2		28B			
06023		XA211	62		XA213	33			168	9		CS05BP	04	CS05QO	01	2	TQ2	E2		29A			
06024		XA213	33		XA209	20			168	9		CS05BP	05	CS05BP	00	1	T00	FP		16B			
06025		XA209	20						168	9		CS05BP	06	CS0690	01	4	TS8	B1		11A			
06026		XA327	53		XA221	57			168	9		CS05BQ	01	DC05SD	01	1	YLD	E3		28B			
06027		XA221	57		XA221	25			168	9		CS05BQ	02	CE16CA	01	1	TT3	E3		30B			
06028		XA221	25		XA220	18			168	9		CS05BQ	03	CE05CA	01	3	TT3	B3		12B			
06029		XA220	18		XA213	31			168	9		CS05BQ	04	CD05CA	01	2	TQ2	B2		10A			
06030		XA213	31		XA211	68			168	9		CS05BQ	05	CS05BQ	00	1	T00	FP		15B			
06031		XA211	68						168	9		CS05BQ	06	CS05PO	01	2	TQ2	E1		32A			
06034		XA243	43		XA309	31			168	9		CS05PO	01	C211CA	01	4	T04	D2		23B			
06035		XA309	31		XA211	66			168	9		CS05PO	02	C337CA	01	7	TS8	C1		15B			
06036		XA211	66		XA108	56			168	9		CS05PO	03	CS05PO	00	1	TQ2	E1		31A	CS05BP UNLOAD		
06037		XA108	56						168	9		CS05PO	04	ET15CA	01	1	TT3	D1		26A			
06040		XA312	40		XA211	60			168	9		CS05QO	01	C341GA	01	2	T04	C1		19A			
06041		XA211	60		XA203	48			168	9		CS05QO	02	CS05QO	00	1	TQ2	E2		28A	CS05BQ UNLOAD		
06042		XA203	48		XA108	48			168	9		CS05QO	03	CSE4CA	01	5	TS8	D1		22A			
06043		XA108	48		XA115	64			168	9		CS05QO	04	ET16CA	01	1	TT3	D2		22A			
06044		XA115	64		XA239	49			168	9		CS05QO	05	ED062A	01	1	TQ2	E2		30A			
06045		XA239	49		XA241	36			168	9		CS05QO	06	C229HA	01	4	T04	D1		26B			
												****	SIGNAL	CS05QO		IS ON THE	NEXT PAGE	****					

3-2679-1

DRAWING NUMBER		149011-800		STRING		UNIT ASSEMBLY NO		149011		REV D		INDEX		CS0500		
UNIT ASSEMBLY NAME		CARD CAGE ASSY,CPU R.H.		FILE IDENT		T39B2CP2		DATE		09-03-82		PAGE		126		
RECORD NUMBER	PRGM	TO	WRE	UNIT GROUP	CODE	CC DN	CENT	SIGNAL	SYM NO	EQUATION	UNIT	TYPE	PLANT	POINT NO	SIGNAL DESCRIPTION	ECO NO
D6046	XA241	36			168	9		CS0500	07	C213CA	01	4	TS8	C1	17A	
D6047	XA213	34			168	9		CS0590	01	CS058T	01	1	TDD	F1	18A	
D6048	XA209	11			168	9		CS0590	02	CS0590	00	1	TS8	A1	09B	SET CS05
06049	XA221	61			168	9		CS068P	01	CE16CA	01	3	TT3	E3	32B	
06050	XA221	30			168	9		CS068P	02	CE07CA	01	2	TT3	C2	19A	
06051	XA220	25			168	9		CS068P	03	CD07CA	01	2	TQ2	B4	12B	
06052	XA213	47			168	9		CS068P	04	CS068P	00	1	TDD	GP	29B	
06053	XA211	53			168	9		CS068P	05	CS06Q0	01	1	TQ2	E3	28B	
06054	XA209	40			168	9		CS068P	06	CS0790	01	2	TS8	C1	19A	
06055	XA108	41			168	9		CS068P	07	ET16CA	01	3	TT3	O2	22B	
06056	XA327	62			168	9		CS068Q	01	DC06SD	01	2	TLD	E2	29A	
06057	XA221	77			168	9		CS068Q	02	CE17CA	01	2	TT3	F1	38B	
06058	XA221	42			168	9		CS068Q	03	CE06CA	01	1	TT3	C1	20A	
06059	XA220	19			168	9		CS068Q	04	CD08CA	01	2	TQ2	B3	09B	
06060	XA213	49			168	9		CS068Q	05	CS068Q	00	1	TDD	GQ	26B	
D6063	XA243	46			168	9		CS06Q0	01	C211CA	01	3	T04	D2	21A	
D6064	XA309	30			168	9		CS06Q0	02	C337CA	01	6	TS8	C1	15A	
D6065	XA211	57			168	9		CS06Q0	03	CS06Q0	00	1	TQ2	E3	30B	CS068Q UNLOAD
D6066	XA119	01			168	9		CS06Q0	04	ED07ZA	01	2	TQ2	E4	32B	
D6067	XA108	47			168	9		CS06Q0	05	ET17CA	01	2	TT3	D3	25B	
D6068	XA213	54			168	9		CS0690	01	CS068T	01	1	TDD	G1	25A	
D6069	XA209	23			168	9		CS0690	02	CS0690	00	1	TS8	B1	11B	SET CS06
D6072	XA221	79			168	9		CS078P	01	CE17CA	01	1	TT3	F1	39B	
D6073	XA221	37			168	9		CS078P	02	CE10CA	01	3	TT3	C3	18B	
D6074	XA213	43			168	9		CS078P	03	CS078P	00	1	TDD	HP	24B	
D6075	XA211	59			168	9		CS078P	04	CS07Q0	01	1	TQ2	E4	31B	
D6076	XA111	64			168	9		CS078P	05	ED10ZA	01	1	TQ2	E2	30A	
D6077	XA108	49			168	9		CS078P	06	ET17CA	01	3	TT3	D3	26B	
D6078	XA108	18			168	9		CS078P	07	ET10CA	01	1	TT3	B2	17A	
D6079	XA327	68			168	9		CS078Q	01	DC07SD	01	2	TLD	E1	32A	
D6080	XA221	06			168	9		CS078Q	02	CE00CA	01	3	TT3	A1	05A	
D6081	XA220	08			168	9		CS078Q	03	CD00CA	01	2	TQ2	A1	06A	
D6082	XA220	23			168	9		CS078Q	04	CD07CA	01	1	TQ2	B4	11B	
D6083	XA221	29			168	9		CS078Q	05	CE07CA	01	3	TT3	C2	14B	
D6084	XA213	43			168	9		CS078Q	06	CS078Q	00	1	TDD	HQ	23B	
D6085	XA210	01			168	9		CS078Q	07	CS0090	01	6	TS8	A1	02B	
Z0886	XA206	63			168	9		CS07P0	01	CS07P0	00	1	TQ2	E4	33B	C07
18579	XA224	74			168	9		CS07P0	02	CRUSGA	01	2	TQ2	F3	35B	C07
18595	XA230	31			168	9		CS07P0	03	YPWFCA	01	4	T04	C2	15B	C37
18758	XA333	71			168	9		CS07P0	04	CG73CD4	01	2	TLD	F2	36A	C07
D6088	XA546	75			168	9		CS07Q0	01	CQM2GA	01	3	T04	F1	37B	
					****			SIGNAL	CS07Q0							IS ON THE NEXT PAGE ****

DRAWING NUMBER 149011-800
 UNIT ASSEMBLY NAME CARD CAGE ASSY,CPU R.H.

STRING

UNIT ASSEMBLY NO 149011
 FILE IDENT T39B2CP2

REV D INDEX CS0700
 DATE 09-03-82 PAGE 127

RECORD NUMBER	FROM			TO			WIRE				SIGNAL	SEQ NO	EQUATION	TERM	FACTOR	CMT OR CHIP TYPE	GROUP	LOAD OR POWER PLANE	TEST POINTS		SIGNAL DESCRIPTION	ECO NO				
	PREFIX	CONNECTOR	PIN	PREFIX	CONNECTOR	PIN	MULTI GROUP	CODE	COL IN	IDENT									AND	OR						
06089 18546		XA211	63		XA206	59		16B	9			CS07Q0	02	CS07Q0	00	1	TQ2	E4	33B		CS07BQ UNLOAD	C07				
		XA206	59					16B	9			CS07Q0	03	CS07PD	01	1	TQ2	E4	31B			C07				
06090		XA213	48		XA209	35		16B	9			CS0790	01	CS0781	01	1	T00	H1	22A							
06091		XA209	35					16B	9			CS0790	02	CS0790	00	1	TS8	C1	17B		SET CS07					
06092		XA213	59		XA212	24		16B	9			CS10BP	01	CS10BP	00	1	T00	JP1	31B							
06093		XA212	24		XA212	10		16B	9			CS10BP	02	CSX3CA	01	2	T04	B1	13A							
06094		XA212	10		XA212	05		16B	9			CS10BP	03	CSX1CA	01	1	T04	A1	07A							
06095		XA212	05					16B	9			CS10BP	04	CSX2CA	01	2	T04	A2	03B							
06096		XA329	76		XA217	79		16B	9			CS10BQ	01	DC085D	01	1	TLD	F4	37A							
06097		XA217	79		XA213	61		16B	9			CS10BQ	02	CS101A	01	1	TT3	F1	39B							
06098		XA213	61		XA207	64		16B	9			CS10BQ	03	CS10BQ	00	1	T00	JQ	32B							
06099		XA207	64		XA207	74		16B	9			CS10BQ	04	CSX5CA	01	1	T04	E2	30A							
06100		XA207	74		XA207	75		16B	9			CS10BQ	05	CSX7CA	01	4	T04	F2	35B							
06101		XA207	75		XA212	14		16B	9			CS10BQ	06	CSX6CA	01	3	T04	F1	37B							
06102		XA212	14					16B	9			CS10BQ	07	CSX4CA	01	3	T04	B2	09A							
06103		XA217	73		XA209	52		16B	9			CS101A	01	CS101A	00	1	TT3	F1	36B		HOLD CS10					
06104		XA209	52					16B	9			CS101A	02	CS1090	01	3	TS8	D1	24A							
06105		XA213	68		XA209	47		16B	9			CS1090	01	CS1081	01	1	T00	J1	32A							
06106		XA209	47					16B	9			CS1090	02	CS1090	00	1	TS8	D1	25B		SET CS10					
06107		XA212	06		XA212	20		16B	9			CS11BP	01	CSX1CA	01	3	T04	A1	05A							
06108		XA212	20		XA213	57		16B	9			CS11BP	02	CSX4CA	01	1	T04	B2	11A							
06109		XA213	57		XA211	77		16B	9			CS11BP	03	CS11BP	00	1	T00	KP	30B							
06110		XA211	77		XA207	55		16B	9			CS11BP	04	CS11Q0	01	2	TQ2	F1	38B							
06111		XA207	55					16B	9			CS11BP	05	CSX5CA	01	4	T04	E2	29B							
06112		XA212	07		XA212	26		16B	9			CS11BQ	01	CSX2CA	01	4	T04	A2	03A							
06113		XA212	26		XA212	38		16B	9			CS11BQ	02	CSX3CA	01	1	T04	B1	14A							
06114		XA212	38		XA213	55		16B	9			CS11BQ	03	CS111A	01	3	T04	C1	18A							
06115		XA213	55		XA207	71		16B	9			CS11BQ	04	CS11BQ	00	1	T00	KQ	29B							
06116		XA207	71		XA207	77		16B	9			CS11BQ	05	CSX7CA	01	2	T04	F2	36A							
06117		XA207	77					16B	9			CS11BQ	06	CSX6CA	01	2	T04	F1	38B							
06120		XA329	74		XA211	75		16B	9			CS11Q0	01	DC095D	01	2	TLD	F3	35B							
06121		XA211	75					16B	9			CS11Q0	02	CS11Q0	00	1	TQ2	F1	37B		CS11BQ UNLOAD					
06122		XA212	35		XA209	62		16B	9			CS111A	01	CS111A	00	1	T04	C1	17B		HOLD CS11					
06123		XA209	62					16B	9			CS111A	02	CS1190	01	5	TS8	E1	29A							
06124		XA213	62		XA209	59		16B	9			CS1190	01	CS1181	01	1	T00	K1	29A							
06125		XA209	59					16B	9			CS1190	02	CS1190	00	1	TS8	E1	31B		SET CS11					
06126		XA212	01		XA212	18		16B	9			CS12BP	01	CSX2CA	01	3	T04	A2	02B							
06127		XA212	18		XA213	76		16B	9			CS12BP	02	CSX4CA	01	2	T04	B2	10A							
06128		XA213	76		XA211	73		16B	9			CS12BP	03	CS12BP	00	1	T00	LP	37A							
												****	SIGNAL	CS12BP											IS ON THE NEXT PAGE	****

DRAWING NUMBER 149011-800
 UNIT ASSEMBLY NAME CARD CAGE ASSY,CPU R.H.

STRING

UNIT ASSEMBLY NO 149011
 FILE IDENT T39B2CP2
 REV D DATE 09-33-82
 CHECK PAGE CS128P 128

RECORD NUMBER	FROM				TO				W R E				MULTI GROUP	CODE	COLL	IDENT	SIGNAL	SEC NO	EQUATION	2	3	CIRCUIT TYPE	GROUP	LOAD OR POWER PLANE	TEST POINT AND/OR PIN	SIGNAL DESCRIPTION	TCO NO
	PREFIX	CONNECTOR	PIN	CON	PREFIX	CONNECTOR	PIN	CON																			
06129		XA211	73		XA207	79										CS128P	04	CS12QJ	01	1	TQ2	F2		388			
06130		XA207	79													CS128P	05	CSX6CA	01	1	TD4	F1		398			
06131		XA213	78		XA210	73										CS128Q	01	CS12BQ	00	1	TDD	LQ		38A			
06132		XA210	73		XA207	72										CS128Q	02	CS121A	01	4	TS8	F1		388			
06133		XA207	72		XA207	60										CS128Q	03	CSX7CA	01	3	TD4	F2		34A			
06134		XA207	60		XA212	25										CS128Q	04	CSX5CA	01	3	TD4	E2		28A			
06135		XA212	25		XA212	08										CS128Q	05	CSX3CA	01	4	TD4	B1		12B			
06136		XA212	08													CS128Q	06	CSX1CA	01	2	TD4	A1		08A			
06139		XA329	71		XA211	72										CS12Q0	01	DC1050	01	2	TLD	F2		38A			
06140		XA211	72													CS12Q0	02	CS12Q0	03	1	TQ2	F2		34A	CS128Q UNLOAD		
06141		XA210	76		XA209	75										CS121A	01	CS121A	00	1	TS8	F1		37A	HOLD CS12		
06142		XA209	75													CS121A	02	CS1290	01	3	TS8	F1		37B			
06143		XA213	77		XA209	76										CS1290	01	CS1281	01	1	TD0	LI		38B			
06144		XA209	76													CS1290	02	CS1290	00	1	TS8	F1		37A	SFT CS12		
06145		XA342	64		XA340	10										CTEPCA	01	CTEPCA	00	1	TT3	E1		30A			
06146		XA340	10													CTEPCA	02	CTEPC0	01	1	TQ2	A1		07A			
06147		XA342	71		XA338	46										CTEPC0	01	CTEP4A	01	1	TT3	F2		36A			
06148		XA338	46		XA337	18										CTEPC0	02	CTEP5A	01	6	TS8	D1		21A			
06149		XA337	18		XA340	06										CTEPC0	03	CTEP6A	01	2	TD4	B2		10A			
06150		XA340	06													CTEPC0	04	CTEPC0	00	1	TQ2	A1		05A	PWR*.*EXIT*.*TRAP*		
06151		XA340	01		XA209	54										CTEPIA	01	CTEP1A	00	1	TQ2	A2		02B	TERM SLC L400 PWR		
06152		XA209	54		XA208	78										CTEPIA	02	CS1090	01	2	TS8	D1		25A			
06153		XA208	78													CTEPIA	03	CS0L90	01	8	TS8	F1		38A			
06156		XA337	35		XA209	70										CTEP2A	01	CTEP2A	00	1	TD4	C1		17B	TERM SLC L200 ERR		
06157		XA209	70		XA208	73										CTEP2A	02	CS1190	01	1	TS8	E1		33A			
06158		XA208	73													CTEP2A	03	CS0L90	01	4	TS8	F1		36B			
06161		XA346	35		XA208	68										CTEP3A	01	CTEP3A	00	1	TD4	C1		17B	TERM SLC FS00 TRA		
06162		XA208	68													CTEP3A	02	CS0F90	01	2	TS8	E1		32A			
06165		XA342	74		XA208	70										CTEP4A	01	CTEP4A	00	1	TT3	F2		35B	TERM SLC FS00 LEV		
06166		XA208	70													CTEP4A	02	CS0F90	01	1	TS8	E1		33A			
05296		XA337	14		XA338	47										CTEP5A	00	CTEP6A	01	3	TD4	B2		09A			
06169		XA338	47		XA209	68										CTEP5A	01	CTEP5A	00	1	TS8	D1		25B	TERM SLC L300 AUC		
06170		XA209	68		XA209	74										CTEP5A	02	CS1190	01	2	TS8	E1		32A			
06171		XA209	74		XA208	75										CTEP5A	03	CS1290	01	7	TS8	F1		35B			
06172		XA208	75													CTEP5A	04	CS0L90	01	3	TS8	F1		37B			
06175		XA337	21		XA208	66										CTEP6A	01	CTEP6A	00	1	TD4	B2		10B	TERM SLC FS00		
06176		XA208	66													CTEP6A	02	CS0F90	01	3	TS8	E1		31A			
**** SIGNAL CTERKA IS ON THE NEXT PAGE ****																											

DRAWING NUMBER 149011-800
 UNIT ASSEMBLY NAME CARD CAGE ASSY, CPU R.H.

STRING

UNIT ASSEMBLY NO. 149011
 FILE IDENT T3982CP2

REV D INDEX CTERKA
 DATE 09-03-82 PAGE 129

RECORD NUMBER	FROM			TO			MULTI GROUP	WIRE CODE	COLOR	IDENT	SPL INST MISC	SIGNAL	SEQ NO	EQU TION	SER Y	S FACT	CKT OR CHIP TYPE	GROUP	LOAD CP POWER PLANE	TEST POINTS AND OR	SIGNAL DESCRIPTION	ECO NO
	PREFIX	CONNECTOR	PIN	PREFIX	CONNECTOR	PIN																
06179		XA337	11		XA210	64		168	9			CTERKA	01	CTERKA	00	1	TD4	A1		05B	SLC TERM UNLOAD	
06180		XA210	64		XA210	54		168	9			CTERKA	02	CS0490	01	4	TS8	E1		30A		
06181		XA210	54		XA210	38		168	9			CTERKA	03	CS0390	01	2	TS8	D1		25A		
06182		XA210	38		XA209	34		168	9			CTERKA	04	CS0290	01	3	TS8	C1		18A		
06183		XA209	34		XA209	22		168	9			CTERKA	05	CS0790	01	5	TS8	C1		12A		
06184		XA209	22		XA210	18		168	9			CTERKA	06	CS0690	01	3	TS8	B1		12A		
06185		XA210	18		XA210	13		168	9			CTERKA	07	CS0190	01	5	TS8	B1		10A		
06186		XA210	13		XA209	07		168	9			CTERKA	08	CS0090	01	8	TS8	A1		06B		
06187		XA209	07					168	9			CTERKA	09	CS0590	01	7	TS8	A1		03A		
06190		XA337	09		XA218	77		168	9			CTERMA	01	CTERMA	00	1	TD4	A2		04B	SELECT TERMINATE,	
06191		XA218	77		XA217	75		168	9			CTERMA	02	CS0E1A	01	2	TS8	F1		38B		
06192		XA217	75		XA210	72		168	9			CTERMA	03	CS101A	01	3	TT3	F1		37B		
06193		XA210	72		XA212	43		168	9			CTERMA	04	CS121A	01	6	TS8	F1		34A		
06194		XA212	43		XA212	40		168	9			CTERMA	05	CS0F1A	01	4	TD4	O2		23B		
06195		XA212	40		XA212	36		168	9			CTERMA	06	CS111A	01	2	TD4	C1		19A		
06196		XA212	36		XA131	61		168	9			CTERMA	07	CS0L1A	01	1	TD4	C2		17A		
06197		XA131	61					168	9			CTERMA	08	CRUSE0	01	2	TQ2	E4		32B		
06198		XA346	37		XA342	65		168	9			CTERMO	01	CSTEP3A	01	4	TD4	C1		18B		
06199		XA342	65		XA338	48		168	9			CTERMO	02	CSTEP4A	01	3	TT3	F2		34B		
06200		XA338	48		XA337	38		168	9			CTERMO	03	CSTEP5A	01	5	TS8	D1		22A		
06201		XA337	38		XA337	20		168	9			CTERMO	04	CSTEP2A	01	3	TD4	C1		18A		
06202		XA337	20		XA337	10		168	9			CTERMO	05	CSTEP6A	01	1	TD4	B2		11A		
06203		XA337	10		XA337	04		168	9			CTERMO	06	CTERKA	01	1	TD4	A1		07A		
06204		XA337	04		XA339	11		168	9			CTERMO	07	CTERMA	01	1	TD4	A2		04A		
06205		XA339	11		XA340	04		168	9			CTERMO	08	CTERMO	00	1	TS8	A1		05B		
06206		XA340	04					168	9			CTERMO	09	CSTEP1A	01	1	TQ2	A2		04A		
06207		XA342	63		XA339	06		168	9			CTERNA	01	CTERNA	00	1	TT3	E3		33B	ST AFTER AUCTION	
06208		XA339	06					168	9			CTERNA	02	CTERMO	01	3	TS8	A1		05A		
06209		XA339	13		XA337	23		168	9			CTERPA	01	CTERMO	01	8	TS8	A1		06B		
06210		XA337	23					168	9			CTERPA	02	CTERPA	00	1	TD4	B1		11B	ST AFTER LEVEL CH	
06211		XA339	10		XA337	59		168	9			CTERIA	01	CTERMO	01	1	TS8	A1		07A		
06212		XA337	59					168	9			CTERIA	02	CTERIA	00	1	TD4	E1		31B	ST AT E1/2/3/4/5/	
06213		XA338	35		XA337	66		168	9			CTER10	01	CTER10	00	1	TS8	C1		17B		
06214		XA337	66					168	9			CTER10	02	CTER1A	01	3	TD4	E1		31A		
06215		XA339	08		XA337	57		168	9			CTER2A	01	CTERMO	01	2	TS8	A1		06A		
06216		XA337	57					168	9			CTER2A	02	CTER2A	00	1	TD4	E2		30B	ST AT E10/11/17	
06217		XA346	57		XA337	64		168	9			CTER20	01	CTER20	00	1	TD4	E2		30B		
06218		XA337	64					168	9			CTER20	02	CTER2A	01	1	TD4	E2		30A		
06219		XA346	55		XA338	42		168	9			CTESCA	01	CTER20	01	4	TD4	E2		29B		
06220		XA338	42		XA337	69		168	9			CTESCA	02	CTER10	01	1	TS8	C1		20A		
06221		XA337	69					168	9			CTESCA	03	CTESCA	00	1	TD4	F2		35A	ST AT ES17 UNLESS	

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RECORD NUMBER	FROM			TO			WIRE			MULTI GROUP	CODE	COLOR	IDENT	SIGNAL	SFC NO	EQUATION	TER	FACTOR	CAT OR CHIP TYPE	JOP	LOAD OR POWER PLANT	YFJT POINTS AND/OR	SIGNAL DESCRIPTION	ECO NO		
	PREFIX	CONNECTOR	PIN	PREFIX	CONNECTOR	PIN	WIRE	WIRE	WIRE																	
06222 06223		XA338 XA337	31 76		XA337	76		168 168	9 9				CTE1CA CTE1CA	01 02	CTE10 CTE1CA	01 00	7 1	TS8 TD4	C1 F1		15B 37A	ST AT ES01				
06224 06225		XA346 XA337	59 75		XA337	75		168 168	9 9				CTE100 CTE100	01 02	CTE100 CTE1CA	00 01	1 3	TD4 TD4	E1 F1		31B 37B	NOI/LLR/LLO/TRIN				
06226 06227		XA341 XA346	51 70		XA346	70		168 168	9 9				CTE1EA CTE1EA	01 02	CTE1EA CTE100	00 01	1 1	TQ2 TD4	D4 F1		27B 33A					
06228 06229		XA341 XA342	49 07		XA342	07		168 168	9 9				CTE1E0 CTE1E0	01 02	CTE1EA CTE1E0	01 00	2 1	TQ2 T3	D4 A2		26B 03A					
06230 06231		XA338 XA337	34 45		XA337	45		168 168	9 9				CTE2CA CTE2CA	01 02	CTE10 CTE2CA	01 00	5 1	TS8 TD4	C1 D2		16A 24B	ST AT ES02				
06232 06233		XA338 XA337	11 48		XA337	46		168 168	9 9				CTE2D0 CTE200	01 02	CTE2D0 CTE2CA	00 01	1 3	TS8 TD4	A1 D2		05B 21A	CM/CLF/GLH/IO/AN/				
06234 06235 06236 06237		XA340 XA338 XA314 XA304	19 10 53 62		XA338 XA314 XA304	10 53 62		168 168 168 168	9 9 9 9				CTE2EA CTE2EA CTE2EA CTE2EA	01 02 03 04	CTE2EA CTE200 C336E0 CQP060	00 01 01 01	1 1 1 5	TQ2 TS8 TQ2 TS8	A4 A1 E3 E1		07B 07A 28B 29A	LD				
06238 06239		XA340 XA338	13 59		XA338	59		168 168	9 9				CTE2E0 CTE2E0	01 02	CTE2EA CTE2E0	01 00	2 1	TQ2 TS8	A4 E1		06B 31B	LDF/LDH/LDU/LDL				
06240 06241		XA340 XA338	09 01		XA338	01		168 168	9 9				CTE2FA CTE2FA	01 02	CTE2FA CTE200	00 01	1 6	TQ2 TS8	A3 A1		04B 02B	SD/MZ				
06242 06243		XA340 XA338	07 76		XA338	76		168 168	9 9				CTE2F0 CTE2F0	01 02	CTE2FA CTE2F0	01 00	2 1	TQ2 TS8	A3 F1		03A 37A	SDF/SDH/MZF/MZH				
06244 06245		XA338 XA337	05 47		XA337	47		168 168	9 9				CTE2GA CTE2GA	01 02	CTE200 CTE2GA	01 00	5 1	TS8 TD4	A1 D1		03B 25B	XA				
06246 06247		XA339 XA337	23 52		XA337	52		168 168	9 9				CTE2G0 CTE2G0	01 02	CTE2G0 CTE2GA	00 01	1 3	TS8 TD4	B1 D1		11B 24A	XFR/XLK/XSW/XIN/X				
06248 06249		XA340 XA338	80 37		XA338	37		168 168	9 9				CTE3CA CTE3CA	01 02	CTE3CA CTE10	00 01	1 8	TQ2 TS8	F4 C1		39A 18B	ST AT ES03				
06250 06251		XA340 XA338	76 23		XA338	23		168 168	9 9				CTE3D0 CTE300	01 02	CTE3CA CTE300	01 00	1 1	TQ2 TS8	F4 B1		37A 11B	A/SBF/SBH/SL/RA/R				
06252 06253		XA338 XA340	22 14		XA340	14		168 168	9 9				CTE3EA CTE3EA	01 02	CTE300 CTE3EA	01 00	3 1	TS8 TQ2	B1 B2		12A 09A	E2/E3				
06254		XA339	35		XA340	18		168	9				CTE3E0	01	CTE3E0	00	1	TS8	C1		17B	LA/LC/SDU/SDL/M1/				
												****	SIGNAL	(CTE3E0)	IS ON THE NEXT PAGE ****											

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 CTE3E0

RECORD NUMBER	FROM			TO			WIRE				SIGNAL	REQ NO	EQUATION	T	R	C	D	L	P	TEST POINTS AND JP	SIGNAL DESCRIPTION	ECO NO
	PREFIX	CONNECTOR	PIN	PREFIX	CONNECTOR	PIN	CODE	COL IN	IDENT	MULTI GROUP												
06255		XA340	18				168	9			CTE3E0	02	CTE3EA	01	2	TQ2	B2		10A			
06256		XA341	80		XA338	30	168	9			CTE4CA	01	CTE4CA	00	1	TQ2	F4		39A	ST AT ES04		
06257		XA338	30				168	9			CTE4CA	02	CTER10	01	6	TS8	C1		15A			
06258		XA341	78		XA339	47	168	9			CTE4D0	01	CTE4CA	01	2	TQ2	F4		38A			
06259		XA339	47				168	9			CTE4D0	02	CTE4D0	00	1	TS8	D1		25B	SH COND/EX/SSF/MT		
06260		XA342	55		XA339	56	168	9			CTE4EA	01	CTE4EA	00	1	TT3	E2		29B	SHF. (NMZ*.SNC*.RF		
06261		XA339	56				168	9			CTE4EA	02	CTE4D0	01	1	TS8	D1		26A			
06262		XA340	69		XA339	49	168	9			CTE4FA	01	CTE4FA	00	1	TQ2	F3		35A	SHH. (NMZ*.SNC*.RF		
06263		XA339	49				168	9			CTE4FA	02	CTE4D0	01	8	TS8	D1		26B			
06264		XA340	72		XA338	36	168	9			CTE5CA	01	CTE5CA	00	1	TQ2	F2		34A	ST AT ES05		
06265		XA338	36				168	9			CTE5CA	02	CTER10	01	4	TS8	C1		17A			
06266		XA340	73		XA339	59	168	9			CTE5D0	01	CTE5CA	01	1	TQ2	F2		36B			
06267		XA339	59				168	9			CTE5D0	02	CTE5D0	00	1	TS8	E1		31B	HP/CG/		
06268		XA340	75		XA339	68	168	9			CTE5EA	01	CTE5EA	00	1	TQ2	F1		37B	(SHF/SHH).(SHF NM		
06269		XA339	68				168	9			CTE5EA	02	CTE5D0	01	2	TS8	E1		32A			
06270		XA341	69		XA340	77	168	9			CTE5FA	01	CTE5FA	00	1	TQ2	F3		35A	SHF NMZ		
06271		XA340	77		XA339	77	168	9			CTE5FA	02	CTE5EA	01	2	TQ2	F1		38B			
06272		XA339	77				168	9			CTE5FA	03	CTE6D0	01	2	TS8	F1		38B			
06273		XA340	63		XA338	40	168	9			CTE6CA	01	CTE6CA	00	1	TQ2	E4		33B	ST AT ES06		
06274		XA338	40				168	9			CTE6CA	02	CTER10	01	2	TS8	C1		19A			
06275		XA340	61		XA339	76	168	9			CTE6D0	01	CTE6CA	01	2	TQ2	E4		32B			
06276		XA339	76				168	9			CTE6D0	02	CTE6D0	00	1	TS8	F1		37A	CS/FE/SHFNMZ/TQR		
06277		XA340	57		XA338	38	168	9			CTE7CA	01	CTE7CA	00	1	TQ2	E3		30B	ST AT ES07 IN RQF		
06278		XA338	38				168	9			CTE7CA	02	CTER10	01	3	TS8	C1		18A			
06279		XA346	62		XA340	60	168	9			CTE8CA	01	CTER20	01	2	TQ4	E2		29A			
06280		XA340	60				168	9			CTE8CA	02	CTE8CA	00	1	TQ2	E2		28A	ST AT ES10 IN FIF/		
06281		XA346	64		XA340	66	168	9			CTE9CA	01	CTER20	01	1	TQ4	E2		30A			
06282		XA340	66				168	9			CTE9CA	02	CTE9CA	00	1	TQ2	E1		31A	ST AT ES11 IN DIF/		
06283		XA432	07		XA342	52	168	9			CTGMBQ	01	CTGMBQ	00	1	TQ0	BQ		03A	GEN CLOCK FOR GR,		
06284		XA342	52		XA342	47	168	9			CTGMBQ	02	CTGMOA	01	3	TT3	D1		24A			
06285		XA342	47		XA342	41	168	9			CTGMBQ	03	CTGM2A	01	2	TT3	D3		25B			
06286		XA342	41				168	9			CTGMBQ	04	CTGM1A	01	3	TT3	D2		22B			
18666		XA431	10		XA432	01	168	9			CTGMCA	00	CTMXBN	01	1	TQ0	AN		07A			
06287		XA432	01		XA342	27	168	9			CTGMCA	01	CTGMBN	01	1	TQ0	BN		02B			
06288		XA342	27				168	9			CTGMCA	02	CTGMCA	00	1	TT3	B3		13B	CLK FOR SETTING C		

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RECORD NUMBER	FROM			TO			WIRE					SIGNAL	REQ NO	EQUATION	3 P	2 P	1 P	WIRE TYPE	MAP	LOCAL OR POWER PLANS	TEST POINTS AND/OR	SIGNAL DESCRIPTION	REQ NO
	PREFIX	CONNECTOR	PIN	PREFIX	CONNECTOR	PIN	WIRE GROUP	CODE	COLOR	IDENT													
22436 06290 06291 06292	XA551 XA342	73 43		XA342 XA342	43 50		AI	IEB	9			CTGMCB	01				EXT				23B	CTGMIA BUSS	
				XA342	51			16B	9			CTGM0A	03	CTGMCB	01	1	TT3	D1			23A		
				XA342	51			16B	9			CTGM2A	04	CTGMCB	03	1	TT3	D3			27B		
22437 23036	XA551 XA342	74 44		XA342	44		AI	IEB	0			CTGMCG	01				EXT				40A		
							AI	IEB	0			CTGMCG	02				TT3						
22438 06296 06297 06298	XA551 XA415	75 45		XA415 XA415	45 46		AJ	IEB	9			CTGMUB	01				EXT				24B		
				XA415	46			16B	9			CTGM7A	02	CTGMUB	03	1	TQ2	D3			21A		
				XA415	52			16B	9			CTGM6A	03	CTGMUB	02	1	TQ2	D2			21A		
				XA415	52			16B	9			CTGM5A	04	CTGMUB	01	1	TQ2	D1			24A		
22439 23037	XA551 XA415	76 44		XA415	44		AJ	IEB	0			CTGMUG	01				EXT				21B		
							AJ	IEB	0			CTGMUG	02				TQ2						
06301	XA342	50										J	CTGM0A	01	CTGM0A	00	1	TT3	D1		23A	CTGMCB BUSS	
06302	XA342	43										J	CTGM1A	01	CTGM1A	00	1	TT3	D2		23B	CTGMCB BUSS	
06303	XA342	51										J	CTGM2A	01	CTGM2A	00	1	TT3	D3		27B	CTGMCB BUSS	
06304	XA415	52										J	CTGM5A	01	CTGM5A	00	1	TQ2	D1		24A	CTGMUB BUSS	
06305	XA415	46										J	CTGM6A	01	CTGM6A	00	1	TQ2	D2		21A	CTGMUB BUSS	
06306	XA415	45										J	CTGM7A	01	CTGM7A	00	1	TQ2	D3		24B	CTGMUB BUSS	
06307 06308 06309	XA344 XA345 XA342	69 29 24		XA345 XA342	29 24			16B	9			CTMCBP	01	CTMCBP	00	1	TDD	MP			35A		
								16B	9			CTMCBP	02	CTMBQ			OSC						
								16B	9			CTMCBP	03	CTMCA	01	2	TT3	B1			13A		
06310 06311	XA344 XA438	74 13		XA438	13			16B	9			CTMCBQ	01	CTMCBQ	00	1	TDD	HQ			35B		
								16B	9			CTMCBQ	02	CSECPA	01	3	TT3	A3			06B		
21733 20752	XA250 XA341	59 63		XA341	63			16B	9			CTMPLO	01				EXT					805	
								16B	9			CTMPLO	02	CTMPLO	00	1	TQ2	E4			33B	DIF/DIH	
06312 06313	XA344 XA341	57 62		XA341	62			16B	9			CTMWBQ	01	CTMWBQ	00	1	TDD	KP			30B		
								16B	9			CTMWBQ	02	CTMWBQ	01	2	TQ2	E2			29A		
23038 23039	XA550 XA341	68 58		XA341	58		AK	IEB	0			CTMWRG	01				EXT				27A		
							AK	IEB	0			CTMWRG	02				TQ2						
21709 06319	XA550 XA341	67 60		XA341	60		AK	IEB	9			CTMWR0	01				EXT				28A	MEMORY WRITE PULS	
							AK	IEB	9			CTMWR0	02	CTMWR0	00	1	TQ2	E2					
20940	XA431	11		XA341	59			16B	9			CTMXBP	01	CTMXBP	00	1	TDD	AP			05B		
							****	SIGNAL				(CTMXBP)		IS ON THE			NEXT PAGE			****			

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 CTMXBP

RECORD NUMBER	FROM				TO				WIRE				SIGNAL	SEQ NO	EQU TION	2 TERM	FACT 1	FACT 2	CRT OR CHIP TYPE	GROUP	LOAD CP POWER PLANE	TEST POINTS ANCL OR	SIGNAL DESCRIPTION	ECO NO
	PREFIX	CONNECTOR	PIN	WIRE NO	PREFIX	CONNECTOR	PIN	WIRE NO	MULTI GROUP	CODE	COLOR	IDENT												
18621		XA341	59							16B	9			CTMXBP	02	CYMPLO	01	1	TQ2	E4		31B		
06320		XA344	46		XA346	09				16B	9			CTNCLB	01	CTRLBN	01	1	TQ2	HN		21A	8 MHZ CLOCK BUS A	
06321		XA346	09		XA346	11				16B	9			CTNCLB	02	CTNCLB	02	1	TQ4	A2		04B	N- GTD CLOCK BUSS	
06322		XA346	11		XA348	03				16B	9			CTNCOA	03	CTNCLB	01	1	TQ4	A1		05B	N- GTD CLOCK BUSS	
06323		XA348	03		XA348	04				16B	9			CTNCLB	04	CTNM10	01	2	TQ2	A3		02A		
06324		XA348	04		XA348	10				16B	9			CTNCLB	05	CTNK10	01	2	TQ2	A2		04A		
06325		XA348	10		XA348	17				16B	9			CTNCLB	06	CTNL10	01	2	TQ2	A1		07A		
06326		XA348	17		XA348	20				16B	9			CTNCLB	07	CTNL20	01	2	TQ2	B3		08B		
06327		XA348	20		XA348	26				16B	9			CTNCLB	08	CTNK20	01	2	TQ2	B2		11A		
06328		XA348	26		XA348	29				16B	9			CTNCLB	09	CTNM20	01	2	TQ2	B1		14A		
06329		XA348	29		XA348	36				16B	9			CTNCLB	10	CTNL30	01	2	TQ2	C3		14B		
06330		XA348	36		XA348	41				16B	9			CTNCLB	11	CTNK30	01	2	TQ2	C2		17A		
06331		XA348	41		XA348	42				16B	9			CTNCLB	12	CTNK40	01	2	TQ2	D3		22B		
06332		XA348	42		XA348	47				16B	9			CTNCLB	13	CTNM30	01	2	TQ2	C1		20A		
06333		XA348	47		XA348	50				16B	9			CTNCLB	14	CTNM40	01	2	TQ2	D4		25B		
06334		XA348	50		XA348	55				16B	9			CTNCLB	15	CTNL40	01	2	TQ2	D2		23A		
06335		XA348	55							16B	9			CTNCLB	16	CTNT00	01	2	TQ2	E3		29B		
06336		XA346	11										J	CTNCOA	01	CTNCOA	00	1	TQ4	A1		05B	CTNCLB BUSS	
06337		XA346	09										J	CTNCLB	01	CTNCLB	00	1	TQ4	A2		04B	CTNCLB BUSS	
06338		XA348	01										J	CTNK10	01	CTNK10	00	1	TQ2	A2		02B	CLOCKB BUSS	
06339		XA348	14										J	CTNK20	01	CTNK20	00	1	TQ2	B2		09A	CLOCKB BUSS	
06340		XA348	30										J	CTNK30	01	CTNK30	00	1	TQ2	C2		15A	CLOCKB BUSS	
06341		XA348	45										J	CTNK40	01	CTNK40	00	1	TQ2	D3		24B	CLOCKB BUSS	
06342		XA348	06										J	CTNL10	01	CTNL10	00	1	TQ2	A1		05A	CLOCLB BUSS	
06343		XA348	21										J	CTNL20	01	CTNL20	00	1	TQ2	B3		10B	CLOCLB BUSS	
06344		XA348	33										J	CTNL30	01	CTNL30	00	1	TQ2	C3		16B	CLOCLB BUSS	
06345		XA348	46										J	CTNL40	01	CTNL40	00	1	TQ2	D2		21A	CLOCLB BUSS	
06346		XA348	09										J	CTNM10	01	CTNM10	00	1	TQ2	A3		04B	CLOCMB BUSS	
06347		XA348	22										J	CTNM20	01	CTNM20	00	1	TQ2	B1		12A	CLOCMB BUSS	
06348		XA348	38										J	CTNM30	01	CTNM30	00	1	TQ2	C1		18A	CLOCMB BUSS	
06349		XA348	51										J	CTNM40	01	CTNM40	00	1	TQ2	D4		27B	CLOCMB BUSS	
06350		XA435	13		XA344	72				16B	9			CTNT00	01	CSECSA	01	2	TQ2	A4		06B		
06351		XA344	72		XA348	57				16B	9			CTNT00	02	CTNCLB	01	1	TQ2	HN		34A		
06352		XA348	57							16B	9			CTNT00	03	CTNT00	00	1	TQ2	E3		30B	UNUSABLE SPARE	

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	PREFIX	CONNECTOR	PIN	WIRE NO	PREFIX	CONNECTOR	PIN	WIRE NO	MULTI GROUP	COLOR											
06353		XA447	54		XA341	57		168	9		CTRINA	01	C4240A	01	2	T04	D1		25A		
06354		XA341	57		XA342	05		168	9		CTRINA	02	CTRINA	00	1	TQ2	E3		30B		
06355		XA342	05					168	9		CTRINA	03	CTEIEU	01	1	TT3	AZ		03B		
06358		XA329	08		XA341	55		168	9		CTRINO	01	CN114A	01	2	TQ2	A1		06A		
06359		XA341	55		XA346	76		168	9		CTRINO	02	CTRINA	01	2	TQ2	E3		29B		
06360		XA346	76					168	9		CTRINO	03	CTRINO	00	1	T04	F1		37A	TRAP INSTRUCTION	
06361		XA346	75		XA342	73		168	9		CTRIPA	01	CTRINO	01	3	T04	F1		37B		
06362		XA342	73					168	9		CTRIPA	02	CTRIPA	00	1	TT3	F1		36B	CODES CX01 THRU C	
06363		XA346	77		XA343	76		168	9		CTRIPA	01	CTRINO	01	2	T04	F1		38B		
06364		XA343	76					168	9		CTRIPA	02	CTRIPA	00	1	TS8	F1		37A	CODES CX50 THRU C	
06365		XA431	07		XA340	49		168	9		CTRJBQ	01	CTRJBQ	00	1	T00	BQ		03A		
06366		XA340	49					168	9		CTRJBQ	02	CTRLRA	01	2	TQ2	D4		26B		
18379		XA342	22		XA344	45		168	9		CTRLBP	00	CT8MCA	01	3	TT3	B1		12A		
06367		XA344	45		XA345	30		168	9		CTRLBP	01	CTRLBP	00	1	T00	HP		24B		
06368		XA345	30		XA431	01		168	9		CTRLBP	02	CT8MBP			OSC					
06369		XA431	01		XA321	11		168	9		CTRLBP	03	CTRJBN	01	1	T00	BN		02B		
06370		XA321	11					168	9		CTRLBP	04	JCOMCO	01	1	TQ2	A4		05B		
06371		XA333	34		XA333	48		168	9		CTRLBQ	01	JDECAD4	01	2	TLD	C2		16A		
06372		XA333	48		XA344	43		168	9		CTRLBQ	02	JITRA04	01	2	TLD	D2		22A		
06373		XA344	43					168	9		CTRLBQ	03	CTRLBQ	00	1	T00	HQ		23B		
20749		XA317	22		XA311	70		168	9		CTRLIA	01	CTRLIA	00	1	TQ2	B1		12A	FR CTS- MASTER RE	
18611		XA311	70					168	9		CTRLIA	02	CTRLIO	01	1	TQ2	F1		35A		
20920		XA311	66		XA344	48		168	9		CTRLIO	01	CTRLIO	00	1	TQ2	E1		31A		
06384		XA344	48					168	9		CTRLIO	02	CTRLBI	01	1	T00	HI		22A		
06374		XA344	50		XA340	51		168	9		CTRLRA	01	CTRLBP	01	1	T00	HP		23A		
06375		XA340	51					168	9		CTRLRA	02	CTRLRA	00	1	TQ2	D4		27B	ASYNCH RESET TO C	
06376		XA342	36		XA340	47		168	9		CTRLRO	01	CTRLRO	00	1	TT3	CI		17A		
06377		XA340	47					168	9		CTRLRO	02	CTRLRA	01	1	TQ2	D4		25B		
10510		XA305	63		XA244	62		168	9		CTRLXA	01	CTRLXA	00	1	TQ2	E4		33B	E10.TCP	
09168		XA244	62					168	9		CTRLXA	02	CTRLXJ	01	1	TT3	E2		29A		
20916		XA311	45		XA305	59		168	9		CTRLXO	01	CTRLXO	00	1	TQ2	D3		24B	BTR DBCK	
08428		XA305	59					168	9		CTRLXO	02	CTRLXA	01	1	TQ2	E4		31B		
06378		XA341	72		XA342	40		168	9		CTRLYA	01	CTRLYA	00	1	TQ2	F2		34A	RST I/O CTRL	
06379		XA342	40					168	9		CTRLYA	02	CTRLRO	01	2	TT3	CI		19A		
											****	SIGNAL	CTRLXJ			IS ON THE	NEXT PAGE	****			

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UNIT ASSEMBLY NAME		CARD CAGE ASSY, CPU R.H.		FILE IDENT		T3982CP2		DATE		09-03-82		PAGE		135											
RECORD NUMBER	FROM				TO				WIRE				SIGNAL	SEQ NO	EQUATION	TYP	PAC	CMT OR CHIP TYPE	GROUP	LOAD OR POWER PLANE	TEST POINTS AND OP	SIGNAL DESCRIPTION	ECO NO		
	PREFIX	CONNECTOR	PIN	WIRE NO	PREFIX	CONNECTOR	PIN	WIRE NO	MULTI GROUP	CODE	COLOR	IDENT												SPC INST	
06380		XA244	55		XA341	73			168	9				CTRLYO	01	CTRLYO	00	1	TT3	E2		298	ADD CONTROL DECOD		
06381		XA341	73						168	9				CTRLYO	02	CTRLYA	01	1	TQ2	F2		368			
06382		XA244	53		XA341	75			168	9				CTRLZA	01	CTRLYO	01	3	TT3	E2		288	RST CTRL FOR BTSP		
06383		XA341	75						168	9				CTRLZA	02	CTRLZA	00	1	TQ2	F1		378			
20951		XA415	51		XA311	41			168	9				CTRLIA	01	CTRLIA	00	1	TQ2	D4		278	I/O STIM LOZ + PL	C05	
18632		XA311	41						168	9				CTRLIA	02	CTRLXO	01	1	TQ2	D3		228			C05
17369		XA317	26		XA342	39			168	9				CTRL90	01	CTRLIA	01	1	TQ2	B1		14A	D-INPUT FOR IO CC		
06385		XA342	39						168	9				CTRL90	02	CTRL90	00	1	TT3	C3		198			
06388		XA344	11		XA341	08			168	9				CT02BP	01	CT02BP	00	1	TQ2	AP		098			
06389		XA341	08						168	9				CT02BP	02	CT02CO	01	2	TQ2	A1		06A			
06390		XA346	05		XA346	13			168	9				CT02BQ	01	CTNCA	01	2	TD4	A2		038	UNLOAD CT02BQ		
06391		XA346	13		XA344	13			168	9				CT02BQ	02	CTNCOA	01	4	TD4	A1		068			
06392		XA344	13		XA133	36			168	9				CT02BQ	03	CT02BQ	00	1	TQ2	A0		068			
06393		XA133	36						168	9				CT02BQ	04	CRUNCA	01	1	TD4	C2		17A			
06394		XA323	10		XA342	69			168	9				CT02CO	01	CT06VA	01	1	TQ2	A1		07A	DATA INPUT		
06395		XA342	69		XA337	36			168	9				CT02CO	02	CT08EA	01	1	TT3	F3		35A			
06396		XA337	36		XA340	23			168	9				CT02CO	03	CT02EA	01	1	TD4	C2		17A	SET 2 INTERVAL ST		
06397		XA340	23		XA340	19			168	9				CT02CO	04	CT06ZA	01	1	TQ2	B4		118			
06398		XA340	19		XA341	06			168	9				CT02CO	05	CT06EA	01	2	TQ2	B3		098	ENTER 2 INTVL STA		
06399		XA341	06		XA342	17			168	9				CT02CO	06	CT02CO	00	1	TQ2	A1		09A			
06400		XA342	17		XA343	10			168	9				CT02CO	07	CT12DA	01	3	TT3	B2		088	E3.(MPF7MPH)		
06401		XA343	10		XA219	79			168	9				CT02CO	08	CT04EA	01	1	TS8	A1		07A			
06402		XA219	79						168	9				CT02CO	09	CT22DA	01	1	TS8	F1		398			
06403		XA344	08		XA341	01			168	9				CT02D0	01	CT02B1	01	1	TQ2	A1		06A	DATA INPUT		
06404		XA341	01						168	9				CT02D0	02	CT02D0	00	1	TQ2	A2		028			
06405		XA343	07		XA341	04			168	9				CT02EA	01	CT04EA	01	7	TS8	A1		09A	SET 2 INTERVAL ST		
06406		XA341	04		XA337	33			168	9				CT02EA	02	CT02D0	01	1	TQ2	A2		04A			
06407		XA337	33						168	9				CT02EA	03	CT02EA	00	1	TD4	C2		168			
06408		XA346	33		XA342	14			168	9				CT02F0	01	CT02F0	00	1	TD4	C2		168	ENTER 2 INTVL STA		
06409		XA342	14		XA337	31			168	9				CT02F0	02	CT12DA	01	2	TT3	B2		09A			
06410		XA337	31						168	9				CT02F0	03	CT02EA	01	4	TD4	C2		198			
06411		XA346	31		XA341	09			168	9				CT02GA	01	CT02F0	01	4	TD4	C2		158	E3.(MPF7MPH)		
06412		XA341	09						168	9				CT02GA	02	CT02GA	00	1	TQ2	A3		048			
06413		XA346	30		XA244	64			168	9				CT02HA	01	CT02F0	01	3	TD4	C2		15A	E2.RQF		
20911		XA244	64						168	9				CT02HA	02	CT02HA	00	1	TT3	E1		30A			
06415		XA346	34		XA341	22			168	9				CT02JA	01	CT02F0	01	2	TD4	C2		16A	E2.RQF		
06416		XA341	22						168	9				CT02JA	02	CT02JA	00	1	TQ2	B1		12A			
													****	SIGNAL	CT02LA	IS ON THE NEXT PAGE ****									

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

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RECORD NUMBER	FROM				TO				WIRE				SIGNAL	LEG NO	EQUATION	3 WIRE	FACTOR	CST OR CMP TYPE	GAPP	LEAD OR POWER PLANE	TEST POINTS AND/OR	SIGNAL DESCRIPTION	TCO NO
	PREFIX	CONNECTOR	PIN	WIRE	PREFIX	CONNECTOR	PIN	WIRE	MULTI BRAND	CODE	COLOR	IDENT											
06417		XA346	36			XA342	18			168	9		CT02LA	01	CT02F0	01	1	T04	C2		17A		
06418		XA342	18			XA341	14			168	9		CT02LA	02	CT12DA	01	1	TT3	B2		10A		
06419		XA341	14							168	9		CT02LA	03	CT02LA	00	1	TQ2	B2		09A	FEZ/E3T.TFRMT/ISH	
06420		XA341	21			XA340	29			168	9		CT02NA	01	CT02NA	00	1	TQ2	B3		10B	FRMT/LSHFT.NMZW.S	
06421		XA340	29							168	9		CT02NA	02	CT22E0	01	1	TQ2	C3		14B		
06422		XA342	04			XA341	19			168	9		CT02NO	01	CT02NO	00	1	TT3	A1		04A	FIF/FIH/FEF/FEH/CI	
06423		XA341	19			XA341	20			168	9		CT02NO	02	CT02NA	01	2	TQ2	B3		09B		
06424		XA341	20							168	9		CT02NO	03	CT02LA	01	1	TQ2	B2		11A		
06425		XA346	69			XA342	06			168	9		CT02PA	01	CT02PA	00	1	T04	F2		35A	SHIFT BUT NOT NMZ	
06426		XA342	06							168	9		CT02PA	02	CT02NO	01	3	TT3	A1		05A		
06429		XA344	09			XA341	05			168	9		CT04BP	01	CT04BP	00	1	T00	BP		04B		
06430		XA341	05			XA341	70			168	9		CT04BP	02	CT02D0	01	2	TQ2	A2		03B		
06431		XA341	70			XA343	04			168	9		CT04BP	03	CT04Q0	01	1	TQ2	E1		33A		
06432		XA343	04							168	9		CT04BP	04	CT04EA	01	4	TS8	A1		04A		
06433		XA205	79			XA432	05			168	9		CT04BQ	01	CS0BSA	01	1	TT3	F1		39B		
06434		XA432	05			XA344	07			168	9		CT04BQ	02	CT04B1	01	1	T00	B1		03B		
06435		XA344	07							168	9		CT04BQ	03	CT04BQ	00	1	T00	BQ		03A		
06436		XA344	05			XA341	27			168	9		CT04D0	01	CT04B1	01	1	T00	B1		03B		
06437		XA341	27							168	9		CT04D0	02	CT04D0	00	1	TQ2	B4		13B	DATA INPUT	
06438		XA343	11			XA341	25			168	9		CT04EA	01	CT04EA	00	1	TS8	A1		05B	SET 4 INTERVAL SY	
06439		XA341	25							168	9		CT04EA	02	CT04D0	01	2	TQ2	B4		12B		
06314		XA344	62			XA341	66			168	9		CT04Q0	01	CT04B1	01	1	T00	K1		29A		
06315		XA341	66							168	9		CT04Q0	02	CT04Q0	00	1	TQ2	E1		31A	SET T02/T04	
06442		XA344	23			XA341	23			168	9		CT06BP	01	CT06BP	00	1	T00	CP		11B		
06443		XA341	23							168	9		CT06BP	02	CT04D0	01	1	TQ2	B4		11B		
06445		XA344	24			XA343	23			168	9		CT06D0	01	CT06B1	01	1	T00	C1		13A		
06446		XA343	23							168	9		CT06D0	02	CT06D0	00	1	TS8	B1		11B	DATA INPUT	
06447		XA343	08			XA343	19			168	9		CT06EA	01	CT04EA	01	2	TS8	A1		06A		
06448		XA343	19			XA340	21			168	9		CT06EA	02	CT06D0	01	7	TS8	B1		09B		
06449		XA340	21							168	9		CT06EA	03	CT06EA	00	1	TQ2	B3		10B	SET 6 INTERVAL SY	
06450		XA343	35			XA340	17			168	9		CT06F0	01	CT06F0	00	1	TS8	C1		17B	E0/(MRR E0*)/(MRR	
06451		XA340	17							168	9		CT06F0	02	CT06EA	01	1	TQ2	B3		08B		
06452		XA343	31			XA340	46			168	9		CT06GA	01	CT06F0	01	7	TS8	C1		15B		
06453		XA340	46							168	9		CT06GA	02	CT06GA	00	1	TQ2	D2		21A	INS EXE STATES	
06454		XA343	47			XA340	50			168	9		CT06G0	01	CT06G0	00	1	TS8	D1		25B		
06455		XA340	50							168	9		CT06G0	02	CT06GA	01	1	TQ2	D2		23A		

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RECORD NUMBER	FROM			TO			MULTI GROUP	WIRE		IDENT	SIGNAL	SEQ NO	EQUATION	TERM	FACOR	CST OR CHIP TYPE	PROP	LOAD CP POWER PLANE	TEST POINTS AND/OR	SIGNAL DESCRIPTION	ECO NO	
	PREFIX	CONNECTOR	PIN	PREFIX	CONNECTOR	PIN		CODE	COLOR													
06456 06457		XA343 XA341	48 38		XA341	38		168 168	9 9		CT06HA CT06HA	01 02	CT06G0 CT06HA	01 00	5 1	TS8 TQ2	D1 C1		22A 18A	E2.INS		
06458 06459		XA343 XA341	59 42		XA341	42		168 168	9 9		CT06J0 CT06J0	01 02	CT06J0 CT06HA	00 01	1 1	TS8 TQ2	E1 C1		31B 20A	RA/RS/06K/RI/RE/R		
06460 06461		XA343 XA342	66 15		XA342	15		168 168	9 9		CT06KA CT06KA	01 02	CT06J0 CT06KA	01 00	3 1	TS8 TT3	E1 A3		31A 07B	ROW2. (CG/CS)*		
06462 06463		XA343 XA341	46 30		XA341	30		168 168	9 9		CT06LA CT06LA	01 02	CT06G0 CT06LA	01 00	6 1	TS8 TQ2	D1 C2		21A 15A	E4.SSF		
06464 06465		XA343 XA341	43 33		XA341	33		168 168	9 9		CT06MA CT06MA	01 02	CT06G0 CT06MA	01 00	7 1	TS8 TQ2	D1 C3		23B 16B	E5. (MPF/MPH/CGF/C		
06466 06467		XA342 XA341	31 29		XA341	29		168 168	9 9		CT06NO CT06NO	01 02	CT06NO CT06MA	00 01	1 1	TT3 TQ2	C2 C3		15B 14B	(MPF/MPH/CGF/CGH)		
06468 06469		XA343 XA341	50 39		XA341	39		168 168	9 9		CT06PA CT06PA	01 02	CT06G0 CT06PA	01 00	4 1	TS8 TQ2	D1 C4		23A 19B			
06470 06471		XA341 XA340	35 38		XA340	38		168 168	9 9		CT06Q0 CT06Q0	01 02	CT06PA CT06Q0	01 00	1 1	TQ2 TQ2	C4 C1		17B 18A	DIF/DIH/CSF/CSH		
06472 06473		XA343 XA341	49 52		XA341	52		168 168	9 9		CT06RA CT06RA	01 02	CT06G0 CT06RA	01 00	8 1	TS8 TQ2	D1 D1		26B 24A	E11. (DIF/DIH)		
06474 06475		XA343 XA341	38 46		XA341	46		168 168	9 9		CT06SA CT06SA	01 02	CT06F0 CT06SA	01 00	3 1	TS8 TQ2	C1 D2		18A 21A			
06476 06477		XA346 XA341	47 50		XA341	50		168 168	9 9		CT06S0 CT06S0	01 02	CT06S0 CT06SA	00 01	1 1	T04 TQ2	D1 D2		25B 23A	L102/L202/L402/L7		
06478 06479		XA216 XA323	57 08		XA323	08		168 168	9 9		CT06T0 CT06T0	01 02	CT06T0 CT06VA	00 01	1 2	T04 TQ2	E2 A1		30B 06A			
06480 06481 06482		XA323 XA343 XA343	06 01 24		XA343 XA343	01 24		168 168 168	9 9 9		CT06VA CT06VA CT06VA	01 02 03	CT06VA CT04EA CT06D0	00 01 01	1 6 2	TQ2 TS8 TS8	A1 A1 B1		05A 02B 13A	SET 6I STATE FOR A		
06483 06484 06485		XA343 XA343 XA340	13 18 27		XA343 XA340	18 27		168 168 168	9 9 9		CT06ZA CT06ZA CT06ZA	01 02 03	CT04EA CT06D0 CT06ZA	01 01 00	8 5 1	TS8 TS8 TQ2	A1 B1 B4		06B 10A 13B	SET 6 INTRVL IN A		
06486 06487 17605		XA344 XA343 XA341	21 22 61		XA343 XA341	22 61		168 168 168	9 9 9		CT08BP CT08BP CT08BP	01 02 03	CT08BP CT06D0 CTMPLO	00 01 01	1 3 2	T00 TS8 TQ2	DP B1 E4		10B 12A 32B			
											****	SIGNAL	CT08BQ	IS ON THE NEXT PAGE				****				

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RECORD NUMBER	FROM			TO			WIRE			SIGNAL	SFG NO	EQUATION	TERM	FACTOR	CNT 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												DENT	
20753 18659		XA344 XA431	19 08		XA431 08			168 168	9 9			CT088Q CT088Q	01 02	CT088Q CTMXB1	00 01	1 1	TDD TDD	0Q A1	09B 06A			
06488 06489		XA344 XA340	18 30		XA340 30			168 168	9 9			CT08D0 CT08D0	01 02	CT08B1 CT08D0	01 03	1 1	TDD TQ2	D1 C2	10A 19A	DATA INPUT		
06490 06491 06492		XA343 XA340 XA342	05 36 80		XA340 XA342 80			168 168 168	9 9 9			CT08EA CT08EA CT08EA	01 02 03	CT04EA CT08D0 CT08EA	01 01 00	5 1 1	TS8 TQ2 TT3	A1 C2 F3	03B 17A 39A	SET B INTERVAL ST		
06493 06494		XA346 XA342	45 76		XA342 76			168 168	9 9			CT08F0 CT08F0	01 02	CT08F0 CT08EA	03 01	1 2	TD4 TT3	D2 F3	24B 37A	(MMW ES)/(MMW LC)		
21740 06498 06499 18599		XA551 XA340 XA432 XA230	11 56 13 40		XA340 XA432 XA230 40			168 168 168 168	9 9 9 9			CT1MBQ CT1MBQ CT1MBQ CT1MBQ	01 02 03 04	CT1MBQ CT1MPJ CT1MBQ CPFSIA	01 01 00 01	1 1 1 2	EXT TQ2 TDD TD4		06B 06B 19A			
06500 06501		XA432 XA340	08 52		XA340 52			168 168	9 9			CT1MP0 CT1MP0	01 02	CT1MB1 CT1MP0	01 03	1 1	TDD TQ2	A1 D1	06A 24A			
06502 06503		XA432 XA344	10 47		XA344 47			168 168	9 9			CT1NBP CT1NBP	01 02	CT1MBN CT1NBP	01 00	1 1	TDD TDD	AN GP	07A 25B	TOGGLE CTR STG 1		
06504 06505		XA344 XA340	49 37		XA340 37			168 168	9 9			CT1NBQ CT1NBQ	01 02	CT1NBQ CT1NPO	00 01	1 2	TDD TQ2	G0 C4	26B 18B			
06506 06507		XA344 XA340	54 39		XA340 39			168 168	9 9			CT1NPO CT1NPO	01 02	CT1N81 CT1NPO	01 00	1 1	TDD TQ2	G1 C4	25A 19B			
06508 06509		XA344 XA337	37 34		XA337 34			168 168	9 9			CT12BQ CT12BQ	01 02	CT12BQ CT02EA	00 01	1 2	TDD TD4	E0 C2	18B 16A	ENABLE 21 STATE E		
06510 06511		XA344 XA342	40 19		XA342 19			168 168	9 9			CT12DA CT12DA	01 02	CT12B1 CT12DA	01 00	1 1	TDD TT3	E1 B2	19A 39B	INHBIT SET BY TI		
21731 06513		XA551 XA340	09 22		XA340 22		AL AL	1E8 1E8	9 9			CT16MA CT16MA	01 02	CT16MA CT164A	00 00	1 1	EXT TQ2			12A	E1/E3	
23040 23041		XA551 XA340	10 16		XA340 16		AL AL	1E8 1E8	0 0			CT16MG CT16MG	01 02				EXT TQ2			51B		
06516 06517 06518		XA340 XA342 XA345	26 26 48		XA342 XA345 48			168 168 168	9 9 9			CT16M0 CT16M0 CT16M0	01 02 03	CT16MA CT8MCA	01 01	1 1	TQ2 TT3	B1 B1	14A 14A			
06519 06520		XA344 XA337	31 30		XA337 30			168 168	9 9			CT22BQ CT22BQ	01 02	CT22BQ CT02EA	00 01	1 3	TDD TD4	F0 C2	15B 15A	ENABLE 21 STATE E		
06521		XA344	34		XA219 76			168	9			CT22DA	01	CT22B1	01	1	TDD	F1	16A			
								****			SIGNAL	CT22DA		IS ON THE			NEXT PAGE	****				

DRAWING NUMBER		STRING											UNIT ASSEMBLY NO		REV D		INDEX									
149011-800													149011		DATE		PAGE									
UNIT ASSEMBLY NAME													FILE IDENT		09-03-82		CT220A									
CARD CAGE ASSY,CPU R.H.													T39B2CP2				139									
RECORD NUMBER	FROM				TO				WIRE				SIGNAL	SEQ NO	EQUATION	TERM	FACTOR	CMT OR CHIP TYPE	GROUP	LOAD OR POWER PLANE	TEST POINTS		SIGNAL DESCRIPTION	ECO NO		
	PREFIX	CONNECTOR	PIN	WIRE NO	PREFIX	CONNECTOR	PIN	WIRE NO	MULTI GROUP	CODE	COL IN	IDENT									SPC INST WIRE	AND			JP	
06522		XA219	76											CT22DA	02	CT22DA	00	1	TS8	F1		37A		INHIBIT SET		
06525		XA340	33		XA219	77								CT22E0	01	CT22E0	00	1	TQ2	C3		16B		FRMT/(SHFT.NMZ*.S		
06526		XA219	77											CT22E0	02	CT22DA	01	2	TS8	F1		38B				
06527		XA345	33		XA344	56								CT4MHJ	01	CT4MHJ										
06528		XA344	56											CT4MHJ	02	CT1BN	01	1	TDD	GN		26A				
06531		XA345	25		XA346	22								CT8MBQ	01	CT8MBQ										
06532		XA346	22		XA346	20								CT8MBQ	02	CT8M1A	01	3	TD4	B1		12A				
06533		XA346	20		XA346	10								CT8MBQ	03	CT8M2A	01	1	TD4	B2		11A				
06534		XA346	10		XA346	04								CT8MBQ	04	CTNCOA	01	1	TD4	A1		07A				
06535		XA346	04		XA133	34								CT8MBQ	05	CTNCA	01	1	TD4	A2		04A				
06536		XA133	34											CT8MBQ	06	CRUNCA	01	2	TD4	C2		16A				
06537		XA342	20		XA345	26								CT8MCA	01	CT8MCA	00	1	TT3	B1		11A		16MHZ CONTROLLED C		
06538		XA345	26											CT8MCA	02											
06539		XA346	21		XA346	23								CT8M2A	01	CT8MHB	02	1	TD4	B2		10B		8 MHZ CLOCK BUSS		
06540		XA346	23		XA342	54								CT8M1A	02	CT8MHB	01	1	TD4	B1		11B		8 MHZ CLOCK BUSS		
06541		XA342	54		XA342	48								CT8MHB	03	CT8M0A	01	2	TT3	D1		25A		8 MHZ CLOCK BUS A		
06542		XA342	48		XA342	45								CT8MHB	04	CT8M1A	01	1	TT3	D2		22A		8 MHZ CLOCK BUS A		
06543		XA342	45		XA342	23								CT8MHB	05	CT8M2A	01	1	TT3	D3		24B		8 MHZ CLOCK BUS A		
06544		XA342	23		XA344	01								CT8MHB	06	CT8MCA	01	2	TT3	B3		11B		8 MHZ CLOCK BUS A		
06545		XA344	01		XA344	10								CT8MHB	07	CT04BN	01	1	TDD	BN		02B		8 MHZ CLOCK BUS A		
06546		XA344	10		XA344	14								CT8MHB	08	CT02BN	01	1	TDD	AN		07A		8 MHZ CLOCK BUS A		
06547		XA344	14		XA344	26								CT8MHB	09	CT08BN	01	1	TDD	DN		09A		8 MHZ CLOCK BUS A		
06548		XA344	26		XA344	30								CT8MHB	10	CT06BN	01	1	TDD	CN		14A		8 MHZ CLOCK BUS A		
06549		XA344	30		XA344	42								CT8MHB	11	CT22BN	01	1	TDD	FN		15A		8 MHZ CLOCK BUS A		
06550		XA344	42		XA344	60								CT8MHB	12	CT12BN	01	1	TDD	EN		20A		8 MHZ CLOCK BUS A		
06551		XA344	60											CT8MHB	13	CT8MNB	01	1	TDD	KN		28A		8 MHZ CLOCK BUS A		
06552		XA346	23											CT8M1A	01	CT8M1A	00	1	TD4	B1		11B		CT8MHB BUSS		
06553		XA346	21											CT8M2A	01	CT8M2A	00	1	TD4	B2		10B		CT8MHB BUSS		
06554		XA427	39		XA426	50								CXXJAA	01	CXX0AA	00	1	TT3	C3		19B				
06555		XA426	50		XA426	54								CXXJAA	02	CXX0CO	01	1	TQ2	D2		23A				
06556		XA426	54											CXXJAA	03	CXX0AO	01	2	TQ2	D1		25A				
06557		XA422	79		XA424	74								CXX0AO	01	C030CA	01	1	TT3	F1		39B				
06558		XA424	74		XA426	52								CXX0AO	02	CX30CA	01	2	TQ2	F3		35B				
06559		XA426	52		XA424	35								CXX0AO	03	CXX0AO	00	1	TQ2	D1		24A		INSTRUCTION CODE		
06560		XA424	35		XA422	30								CXX0AO	04	CX20CA	01	1	TQ2	C4		17B				
06561		XA422	30		XA424	10								CXX0AO	05	C020CA	01	2	TT3	C2		15A				
06562		XA424	10		XA422	06								CXX0AO	06	CX10CA	01	1	TQ2	A1		07A				
06563		XA422	06		XA422	05								CXX0AO	07	C000CA	01	3	TT3	A1		05A				
06564		XA422	05		XA420	17								CXX0AO	08	C010CA	01	1	TT3	A2		03B				
06565		XA420	17		XA418	23								CXX0AO	09	C040CA	01	3	TT3	B2		08B				
06566		XA418	23											CXX0AO	10	C070CA	01	2	TT3	B3		11B				

DRAWING NUMBER 149011-800
UNIT ASSEMBLY NAME CARD CAGE ASSY,CPU R.H.

STRING

UNIT ASSEMBLY NO 149011
FILE IDENT T39B2CP2

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RECORD NUMBER	FROM			TO			WIRE			MULTI GROUP	CODE	COLR	IDENT	SIGNAL	SEG NO	EQUATION	3 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																		
06567		XA429	36		XA426	46			168	9				CXX0C0	01	CX70CA	01	1	TQ4	C2		17A		
06568		XA426	46		XA423	29			168	9				CXX0C0	02	CX0C0	00	1	TQ2	D2		21A		
06569		XA423	29		XA421	04			168	9				CXX0C0	03	CX50CA	01	1	TQ2	C3		14B		
06570		XA421	04		XA417	11			168	9				CXX0C0	04	CX60CA	01	1	TQ2	A2		04A		
06571		XA417	11		XA416	13			168	9				CXX0C0	05	C130CA	01	2	TT3	A3		09B		
06572		XA416	13		XA416	41			168	9				CXX0C0	06	C160CA	01	3	TT3	A3		06B		
06573		XA416	41		XA417	47			168	9				CXX0C0	07	C170CA	01	3	TT3	D2		22B		
06574		XA417	47		XA418	47			168	9				CXX0C0	08	C140CA	01	2	TT3	D3		25B		
06575		XA418	47						168	9				CXX0C0	09	C100CA	01	2	TT3	D3		25B		
06576		XA427	30		XA426	47			168	9				CXX1AA	01	CXX1AA	00	1	TT3	D1		23A		
06577		XA426	47		XA426	43			168	9				CXX1AA	02	CXX1C0	01	1	TQ2	D4		25B		
06578		XA426	43						168	9				CXX1AA	03	CXX1A0	01	2	TQ2	D3		23B		
06579		XA426	45		XA424	54			168	9				CXX1A0	01	CXX1A0	00	1	TQ2	D3		24B		
06580		XA424	54		XA424	78			168	9				CXX1A0	02	CX21CA	01	2	TQ2	D1		25A		
06581		XA424	78		XA420	65			168	9				CXX1A0	03	CX31CA	01	2	TQ2	F4		38A		
06582		XA420	65		XA418	38			168	9				CXX1A0	04	C061CA	01	3	TT3	F2		34B		
06583		XA418	38		XA422	33			168	9				CXX1A0	05	C071CA	01	3	TT3	C1		18A		
06584		XA422	33		XA420	23			168	9				CXX1A0	06	C021CA	01	1	TT3	C3		16B		
06585		XA420	23		XA422	11			168	9				CXX1A0	07	C041CA	01	2	TT3	B3		11B		
06586		XA422	11		XA424	04			168	9				CXX1A0	08	C011CA	01	2	TT3	A3		05B		
06587		XA424	04						168	9				CXX1A0	09	CX11CA	01	1	TQ2	A2		04A		
06588		XA426	51		XA423	54			168	9				CXX1C0	01	CXX1C0	00	1	TQ2	D4		27B		
06589		XA423	54		XA421	29			168	9				CXX1C0	02	CX41CA	01	2	TQ2	D1		25A		
06590		XA421	29		XA417	24			168	9				CXX1C0	03	CX71CA	01	1	TQ2	C3		14B		
06591		XA417	24		XA416	22			168	9				CXX1C0	04	C131CA	01	2	TT3	B1		13A		
06592		XA416	22		XA416	47			168	9				CXX1C0	05	C161CA	01	3	TT3	B1		12A		
06593		XA416	47		XA418	61			168	9				CXX1C0	06	C171CA	01	2	TT3	D3		25B		
06594		XA418	61		XA417	68			168	9				CXX1C0	07	C121CA	01	3	TT3	E3		32B		
06595		XA417	68						168	9				CXX1C0	08	C141CA	01	2	TT3	E1		32A		
06596		XA427	43		XA426	64			168	9				CXX2AA	01	CXX2AA	00	1	TT3	D2		23B		
06597		XA426	64		XA426	68			168	9				CXX2AA	02	CXX2C0	01	1	TQ2	E2		30A		
06598		XA426	68						168	9				CXX2AA	03	CXX2A0	01	2	TQ2	E1		32A		
06599		XA424	07		XA423	08			168	9				CXX2A0	01	CX12CA	01	2	TQ2	A3		03A		
06600		XA423	08		XA418	34			168	9				CXX2A0	02	CX32CA	01	2	TQ2	A1		06A		
06601		XA418	34		XA420	38			168	9				CXX2A0	03	C072CA	01	1	TT3	C2		16A		
06602		XA420	38		XA422	52			168	9				CXX2A0	04	C042CA	01	3	TT3	C1		18A		
06603		XA422	52		XA424	43			168	9				CXX2A0	05	C022CA	01	3	TT3	D1		24A		
06604		XA424	43		XA426	66			168	9				CXX2A0	06	CX22CA	01	2	TQ2	D3		23B		
06605		XA426	66		XA422	65			168	9				CXX2A0	07	CXX2A0	00	1	TQ2	E1		31A		
06606		XA422	65		XA420	78			168	9				CXX2A0	08	C032CA	01	3	TT3	F2		34B		
06607		XA420	78						168	9				CXX2A0	09	C062CA	01	3	TT3	F3		38A		
06608		XA426	60		XA423	43			168	9				CXX2C0	01	CXX2C0	00	1	TQ2	E2		28A		
									****		SIGNAL		(CXX2C0)			IS ON THE			NEXT PAGE		****			

DRAWING NUMBER		149011-800										STRING		UNIT ASSEMBLY NO.		149011		REV D		INDEX		CXX2C0	
UNIT ASSEMBLY NAME		CARD CAGE ASSY,CPU R.H.										FILE IDENT		T39B2CP2		DATE		09-03-82		PAGE		141	
RECORD NUMBER	FROM			TO			WIRE			SIGNAL	REQ NO	EQU TION	P LANE	P LANE	CMT OR CHIP TYPE	GROUP	LOAD OR POWER PLANE	TEST POINTS AND/OR	SIGNAL DESCRIPTION	REQ NO			
	PREFIX	CONNECTOR	PIN	PREFIX	CONNECTOR	PIN	MULTI GROUP	CODE	COLOR												IDENT		
06609	XA423	43		XA421	37			168	9		CXX2C0	02	CX42CA	01	2	TQ2	D3	23B					
06610	XA421	37		XA421	07			168	9		CXX2C0	03	CX72CA	01	2	TQ2	C4	18B					
06611	XA421	07		XA417	17			168	9		CXX2C0	04	CX62CA	01	2	TQ2	A3	03A					
06612	XA417	17		XA416	18			168	9		CXX2C0	05	C132CA	01	3	TT3	B2	08B					
06613	XA416	18		XA416	66			168	9		CXX2C0	06	C162CA	01	1	TT3	B2	10A					
06614	XA416	66		XA418	79			168	9		CXX2C0	07	C172CA	01	3	TT3	E1	31A					
06615	XA418	79						168	9		CXX2C0	08	C122CA	01	1	TT3	F1	39B					
06616	XA427	51		XA426	55			168	9		CXX3AA	01	CXX3AA	00	1	YY3	D3	27B					
06617	XA426	55		XA426	59			168	9		CXX3AA	02	CXX3AA	01	2	TQ2	E3	29B					
06618	XA426	59						168	9		CXX3AA	03	CXX3CA	01	1	TQ2	E4	31B					
06619	XA424	13		XA418	10			168	9		CXX3AO	01	CX13CA	01	2	TQ2	A4	04B					
06620	XA418	10		XA418	37			168	9		CXX3AO	02	C063CA	01	1	TT3	A1	07A					
06621	XA418	37		XA420	34			168	9		CXX3AO	03	C073CA	01	3	TT3	C3	18B					
06622	XA420	34		XA422	48			168	9		CXX3AO	04	C043CA	01	1	TT3	C2	16A					
06623	XA422	48		XA424	49			168	9		CXX3AO	05	C023CA	01	1	TT3	D2	22A					
06624	XA424	49		XA426	57			168	9		CXX3AO	06	CX23CA	01	2	TQ2	D4	26B					
06625	XA426	57		XA422	69			168	9		CXX3AO	07	CXX3AO	00	1	TQ2	E3	30B					
06626	XA422	69						168	9		CXX3AO	08	C033CA	01	1	TT3	F3	35A					
06627	XA426	63		XA423	47			168	9		CXX3CO	01	CXX3CO	00	1	TQ2	E4	33B					
06628	XA423	47		XA423	13			168	9		CXX3CO	02	CX43CA	01	1	TQ2	D4	25B					
06629	XA423	13		XA421	11			168	9		CXX3CO	03	CX33CA	01	2	TQ2	A4	06B					
06630	XA421	11		XA417	23			168	9		CXX3CO	04	CX63CA	01	1	TQ2	A4	05B					
06631	XA417	23		XA416	25			168	9		CXX3CO	05	C133CA	01	2	TT3	B3	11B					
06632	XA416	25		XA416	62			168	9		CXX3CO	06	C163CA	01	3	TT3	B3	12B					
06633	XA416	62						168	9		CXX3CO	07	C173CA	01	1	TT3	E2	29A					
06634	XA427	64		XA426	73			168	9		CXX4AA	01	CXX4AA	00	1	TT3	E1	30A					
06635	XA426	73		XA426	77			168	9		CXX4AA	02	CXX4CA	01	1	TQ2	F2	36B					
06636	XA426	77						168	9		CXX4AA	03	CXX4AO	01	2	TQ2	F1	38B					
06637	XA426	75		XA424	64			168	9		CXX4AO	01	CXX4AO	00	1	TQ2	F1	37B					
06638	XA424	64		XA422	49			168	9		CXX4AO	02	CX24CA	01	1	TQ2	E2	30A					
06639	XA422	49		XA420	37			168	9		CXX4AO	03	C024CA	01	3	TT3	D3	26B					
06640	XA420	37		XA422	22			168	9		CXX4AO	04	C044CA	01	3	TT3	C3	18B					
06641	XA422	22		XA423	24			168	9		CXX4AO	05	C014CA	01	3	TT3	B1	12A					
06642	XA423	24		XA424	24			168	9		CXX4AO	06	CX34CA	01	2	TQ2	B1	13A					
06643	XA424	24		XA420	06			168	9		CXX4AO	07	CX14CA	01	2	TQ2	B1	13A					
06644	XA420	06		XA418	05			168	9		CXX4AO	08	C034CA	01	3	TT3	A1	05A					
06645	XA418	05		XA418	56			168	9		CXX4AO	09	C064CA	01	1	TT3	A2	03B					
06646	XA418	56						168	9		CXX4AO	10	C074CA	01	1	TT3	D1	26A					
06647	XA426	72		XA423	68			168	9		CXX4CO	01	CXX4CO	00	1	TQ2	F2	34A					
06648	XA423	68		XA421	56			168	9		CXX4CO	02	CX44CA	01	2	TQ2	E1	32A					
06649	XA421	56		XA418	71			168	9		CXX4CO	03	CX74CA	01	1	TQ2	D1	26A					
06650	XA418	71		XA417	53			168	9		CXX4CO	04	C124CA	01	1	TT3	F2	36A					
06651	XA417	53		XA416	61			168	9		CXX4CO	05	C144CA	01	3	YY3	E2	28B					
06652	XA416	61		XA416	38			168	9		CXX4CO	06	C174CA	01	3	TT3	E3	32B					
								****		SIGNAL	CXX4CO		IS ON THE					****					

3-2878-1

DRAWING NUMBER 149011-800
 UNIT ASSEMBLY NAME CARD CAGE ASSY,CPU R.H.

STRING

UNIT ASSEMBLY NO 149011
 FILE IDENT T39B2CP2

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 DATE 09-03-82

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RECORD NUMBER	FROM			TO			MULTI-GROUP	WIRE CODE	COLOR	IDENT	SIGNAL	SFU NO	EQUATION	3	5	CKT OR CHIP TYPE	GROUP	LOAD OR POWER PLANE	TEST POINTS AND/OR	SIGNAL DESCRIPTION	ECO NO
	PREFIX	CONNECTOR	PIN	PREFIX	CONNECTOR	PIN															
06653	XA416	38		XA417	34			168	9		CXX4C0	07	C164CA	01	3	TT3	C1			18A	
06654	XA417	34		XA421	26			168	9		CXX4C0	08	C134CA	01	1	TT3	C2			16A	
06655	XA421	26		XA424	20			168	9		CXX4C0	09	CX64CA	01	1	TQ2	B1			14A	
06656	XA424	20						168	9		CXX4C0	10	CX14DA	01	1	TQ2	B2			14A	
06657	XA428	68		XA428	64			168	9		CXX5AA	01	CXX5A0	01	2	TQ2	E1			32A	
06658	XA428	64		XA427	55			168	9		CXX5AA	02	CXX5C0	01	1	TQ2	E2			30A	
06659	XA427	55		XA426	37			168	9		CXX5AA	03	CXX5AA	00	1	TT3	E2			29B	
06660	XA426	37						168	9		CXX5AA	04	CXX5D0	01	2	TQ2	C4			18B	
06661	XA428	66		XA424	61			168	9		CXX5A0	01	CXX5A0	00	1	TQ2	E1			31A	
06662	XA424	61		XA422	68			168	9		CXX5A0	02	CX25CA	01	2	TQ2	E4			32B	
06663	XA422	68		XA420	66			168	9		CXX5A0	03	C025CA	01	2	TT3	E1			32A	
06664	XA420	66		XA420	56			168	9		CXX5A0	04	C055CA	01	3	TT3	E1			31A	
06665	XA420	56		XA418	46			168	9		CXX5A0	05	C045CA	01	1	TT3	D1			26A	
06666	XA418	46		XA418	11			168	9		CXX5A0	06	C075CA	01	2	TT3	D2			21A	
06667	XA418	11		XA420	03			168	9		CXX5A0	07	C065CA	01	2	TT3	A3			05B	
06668	XA420	03		XA422	18			168	9		CXX5A0	08	C035CA	01	3	TT3	A2			02A	
06669	XA422	18		XA423	23			168	9		CXX5A0	09	C015CA	01	1	TT3	B2			10A	
06670	XA423	23		XA424	17			168	9		CXX5A0	10	CX35CA	01	1	TQ2	B4			11B	
06671	XA424	17						168	9		CXX5A0	11	CX15CA	01	1	TQ2	B3			08B	
06672	XA428	60		XA427	72			168	9		CXX5C0	01	CXX5C0	00	1	TQ2	E2			28A	
06673	XA427	72		XA423	64			168	9		CXX5C0	02	CX55CA	01	2	TT3	F2			34A	
06674	XA423	64		XA421	18			168	9		CXX5C0	03	CX45CA	01	1	TQ2	E2			30A	
06675	XA421	18		XA416	29			168	9		CXX5C0	04	CX65CA	01	2	TQ2	B2			10A	
06676	XA416	29		XA417	33			168	9		CXX5C0	05	C165CA	01	3	TT3	C2			14B	
06677	XA417	33		XA417	57			168	9		CXX5C0	06	C135CA	01	1	TT3	C3			16B	
06678	XA417	57		XA418	78			168	9		CXX5C0	07	C145CA	01	1	TT3	E3			30B	
06679	XA418	78		XA417	78			168	9		CXX5C0	08	C125CA	01	3	TT3	F3			38A	
06680	XA417	78		XA416	79			168	9		CXX5C0	09	C155CA	01	3	TT3	F3			38A	
06681	XA416	79						168	9		CXX5C0	10	C175CA	01	1	TT3	F1			39B	
06682	XA426	39		XA421	48			168	9		CXX5D0	01	CXX5D0	00	1	TQ2	C4			19B	
06683	XA421	48						168	9		CXX5D0	02	CX75CA	01	2	TQ2	D2			22A	
06684	XA428	55		XA428	59			168	9		CXX6AA	01	CXX6A0	01	2	TQ2	E3			29B	
06685	XA428	59		XA427	63			168	9		CXX6AA	02	CXX6C0	01	1	TQ2	E4			31B	
06686	XA427	63						168	9		CXX6AA	03	CXX6AA	00	1	TT3	E3			33B	
06687	XA428	57		XA424	79			168	9		CXX6A0	01	CXX6A0	00	1	TQ2	E3			30B	
06688	XA424	79		XA422	62			168	9		CXX6A0	02	CX26CA	01	1	TQ2	F1			39B	
06689	XA422	62		XA420	60			168	9		CXX6A0	03	C026CA	01	1	TT3	E2			29A	
06690	XA420	60		XA420	48			168	9		CXX6A0	04	C056CA	01	2	TT3	E2			28A	
06691	XA420	48		XA421	43			168	9		CXX6A0	05	C046CA	01	1	TT3	D2			22A	
06692	XA421	43		XA423	42			168	9		CXX6A0	06	CX76CA	01	2	TQ2	D3			23B	
06693	XA423	42		XA424	36			168	9		CXX6A0	07	CX36CA	01	1	TQ2	C1			20A	
06694	XA424	36		XA422	25			168	9		CXX6A0	08	CX16CA	01	1	TQ2	C2			17A	
06695	XA422	25		XA420	13			168	9		CXX6A0	09	C016CA	01	3	TT3	B3			12B	
06696	XA420	13		XA418	24			168	9		CXX6A0	10	C036CA	01	3	TT3	A3			06B	
**** SIGNAL (CXX6A0) IS ON THE NEXT PAGE ****																					

DRAWING NUMBER 149011-800
 UNIT ASSEMBLY NAME CARD CAGE ASSY,CPU R.H.

STRING

UNIT ASSEMBLY NO 149011
 FILE IDENT T39B2CP2

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RECORD NUMBER	FROM				TO				WIRE				SIGNAL	SEQ NO	EQUATION	Z	E	C	D	W	LOAD OF POWER PLANE	TEST POINTS (AND) 3P	SIGNAL DESCRIPTION	ECO NO	
	PREFIX	CONNECTOR	PIN	C/S	PREFIX	CONNECTOR	PIN	C/S	MULTI-GROUP	CODE	COLOR	IDENT													
06697		XA418	24							168	9		CXX6A0	11	C066CA	01	2	TT3	B1		13A				
06698		XA428	63		XA427	76				168	9		CXX6C0	01	CXX6C0	00	1	TQ2	E4		33B				
06699		XA427	76		XA423	61				168	9		CXX6C0	02	CX56CA	01	2	TT3	F3		37A				
06700		XA423	61		XA420	61				168	9		CXX6C0	03	CX46CA	01	2	TQ2	E4		32B				
06701		XA420	61		XA418	70				168	9		CXX6C0	04	C056DA	01	3	TT3	E3		32B				
06702		XA418	70		XA417	75				168	9		CXX6C0	05	C116CA	01	1	TT3	E1		33A				
06703		XA417	75		XA417	56				168	9		CXX6C0	06	C146CA	01	3	TT3	F1		37B				
06704		XA417	56		XA416	37				168	9		CXX6C0	07	C136CA	01	1	TT3	D1		26A				
06705		XA416	37		XA416	08				168	9		CXX6C0	08	C166CA	01	3	TT3	C3		18B				
06706		XA416	08		XA417	06				168	9		CXX6C0	09	C156CA	01	2	TT3	A1		06A				
06707		XA417	06							168	9		CXX6C0	10	C126CA	01	3	TT3	A1		05A				
06708		XA427	73		XA426	76				168	9		CXX7A0	01	CXX7A0	00	1	TT3	F1		36B				
06709		XA426	76		XA426	74				168	9		CXX7A0	02	CXX7C0	01	1	TQ2	F4		37A				
06710		XA426	74							168	9		CXX7A0	03	CXX7A0	01	2	TQ2	F3		35B				
06711		XA420	77		XA426	69				168	9		CXX7A0	01	C057CA	01	2	TT3	F1		38B				
06712		XA426	69		XA424	71				168	9		CXX7A0	02	CXX7A0	00	1	TQ2	F3		35A				
06713		XA424	71		XA422	61				168	9		CXX7A0	03	CX27CA	01	2	TQ2	F2		36A				
06714		XA422	61		XA420	49				168	9		CXX7A0	04	C027CA	01	3	TT3	E3		32B				
06715		XA420	49		XA421	47				168	9		CXX7A0	05	C047CA	01	3	TT3	D3		26B				
06716		XA421	47		XA422	42				168	9		CXX7A0	06	CX77CA	01	1	TQ2	D4		25B				
06717		XA422	42		XA423	34				168	9		CXX7A0	07	C017CA	01	1	TT3	C1		20A				
06718		XA423	34		XA424	31				168	9		CXX7A0	08	CX37CA	01	2	TQ2	C2		16A				
06719		XA424	31		XA420	24				168	9		CXX7A0	09	CX17CA	01	2	TQ2	C3		15B				
06720		XA420	24		XA418	14				168	9		CXX7A0	10	C037CA	01	2	TT3	B1		13A				
06721		XA418	14							168	9		CXX7A0	11	C067CA	01	2	TT3	B2		09A				
06722		XA426	80		XA423	73				168	9		CXX7C0	01	CXX7C0	00	1	TQ2	F4		39A				
06723		XA423	73		XA417	72				168	9		CXX7C0	02	CX47CA	01	1	TQ2	F2		36B				
06724		XA417	72		XA418	53				168	9		CXX7C0	03	C147CA	01	2	TT3	F2		34A				
06725		XA418	53		XA416	54				168	9		CXX7C0	04	C117CA	01	3	TT3	E2		28B				
06726		XA416	54		XA417	46				168	9		CXX7C0	05	C167CA	01	2	TT3	D1		25A				
06727		XA417	46		XA421	08				168	9		CXX7C0	06	C137CA	01	2	TT3	D2		21A				
06728		XA421	08		XA421	19				168	9		CXX7C0	07	CX57CA	01	2	TQ2	A1		06A				
06729		XA421	19		XA417	03				168	9		CXX7C0	08	CX67CA	01	2	TQ2	B3		09B				
06730		XA417	03		XA416	01				168	9		CXX7C0	09	C127CA	01	3	TT3	A2		02A				
06731		XA416	01							168	9		CXX7C0	10	C157CA	01	2	TT3	A2		02B				
06732		XA447	52		XA427	04				168	9		CX0XAA	01	C424DA	01	3	TQ4	D1		24A				
06733		XA427	04		XA426	04				168	9		CX0XAA	02	CX0XAA	00	1	TT3	A1		04A				
06734		XA426	04		XA426	08				168	9		CX0XAA	03	CX0XCO	01	1	TQ2	A2		04A				
06735		XA426	08							168	9		CX0XAA	04	CX0XAO	01	2	TQ2	A1		06A				
06736		XA422	08		XA426	06				168	9		CX0XAO	01	C000CA	01	2	TT3	A1		06A				
06737		XA426	06		XA342	79				168	9		CX0XAO	02	CX0XAO	00	1	TQ2	A1		05A				
06738		XA342	79							168	9		CX0XAO	03	CTRIPA	01	1	TT3	F1		39B				
06739		XA426	01		XA418	45				168	9		CX0XCO	01	CX0XCO	00	1	TQ2	A2		02B				
													****	SIGNAL	CX0XCO	IS ON THE NEXT PAGE ****									

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

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RECORD NUMBER	FROM				TO				WIRE				SIGNAL	SEQ NO	EQUATION	SERIES	CCT 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											
06740		XA418	45										CX0XC0	02	C100CA	01	1	TT3	D3		24B		
06741		XA313	18		XA427	07							CX1XAA	01	C307D0	01	5	TS8	B1		10A		
06742		XA427	07		XA426	07							CX1XAA	02	CX1XAA	00	1	TT3	A2		03A		
06743		XA426	07		XA426	11							CX1XAA	03	CX1XAA	01	2	TQ2	A3		03A		
06744		XA426	11		XA426	24							CX1XAA	04	CX1XCO	01	1	TQ2	A4		05B		
06745		XA426	24		XA436	78							CX1XAA	05	CX1X00	01	2	TQ2	B1		13A		
06746		XA436	78		XA436	54							CX1XAA	06	C462K0	01	8	TS8	F1		38A		
06747		XA436	54		XA439	38							CX1XAA	07	C458G0	01	2	TS8	D1		25A		
06748		XA439	38		XA443	07							CX1XAA	08	C457M0	01	3	TS8	C1		18A		
06749		XA443	07		XA237	36							CX1XAA	09	C404L0	01	7	TS8	A1		03A		
06750		XA237	36										CX1XAA	10	C220E0	01	4	TS8	C1		17A		
06753		XA426	09		XA422	01							CX1XAO	01	CX1XAO	00	1	TQ2	A3		04B		
06754		XA422	01		XA422	13							CX1XAO	02	C010CA	01	2	TT3	A2		02B		
06755		XA422	13		XA422	17							CX1XAO	03	C011CA	01	3	TT3	A3		06B		
06756		XA422	17		XA422	23							CX1XAO	04	CJ15CA	01	3	TT3	B2		08B		
06757		XA422	23		XA422	26							CX1XAO	05	C016CA	01	2	TT3	B3		11B		
06758		XA422	26		XA422	38							CX1XAO	06	C014CA	01	1	TT3	B1		14A		
06759		XA422	38										CX1XAO	07	C017CA	01	3	TT3	C1		18A		
06760		XA539	46		XA425	06							CX1XCA	01	C510E0	01	6	TS8	D1		21A		
06761		XA425	06		XA404	43							CX1XCA	02	CX1XCA	00	1	TQ2	A1		05A		
06762		XA404	43		XA307	36							CX1XCA	03	C614E0	01	7	TS8	D1		23B		
06763		XA307	36		XA301	20							CX1XCA	04	LQ0170	01	1	TQ4	C2		17A		
06764		XA301	20										CX1XCA	05	C612E0	01	4	TS8	B1		11A		
06767		XA426	15		XA425	10							CX1XCO	01	CX1XCO	00	1	TQ2	A4		07B		
06768		XA425	10		XA424	18							CX1XCO	02	CX1XCA	01	1	TQ2	A1		07A		
06769		XA424	18		XA418	60							CX1XCO	03	CX14DA	01	2	TQ2	B2		10A		
06770		XA418	60		XA418	68							CX1XCO	04	C117CA	01	2	TT3	E2		28A		
06771		XA418	68										CX1XCO	05	C116CA	01	2	TT3	E1		32A		
06774		XA426	22		XA424	34							CX1X00	01	CX1X00	00	1	TQ2	B1		12A		
06775		XA424	34		XA424	29							CX1X00	02	CX16CA	01	2	TQ2	C2		16A		
06776		XA424	29		XA424	26							CX1X00	03	CX17CA	01	1	TQ2	C3		14B		
06777		XA424	26		XA424	19							CX1X00	04	CX14CA	01	1	TQ2	B1		14A		
06778		XA424	19		XA424	08							CX1X00	05	CX15CA	01	2	TQ2	B3		09B		
06779		XA424	08		XA424	11							CX1X00	06	CX10CA	01	2	TQ2	A1		06A		
06780		XA424	11		XA424	05							CX1X00	07	CX13CA	01	1	TQ2	A4		05B		
06781		XA424	05		XA424	03							CX1X00	08	CX11CA	01	2	TQ2	A2		03B		
06782		XA424	03		XA239	46							CX1X00	09	CX12CA	01	1	TQ2	A3		02A		
06783		XA239	46										CX1X00	10	C230DA	01	3	TQ4	D2		21A		
06784		XA312	20		XA309	61							CX10CA	01	C306K0	01	1	TQ4	B2		11A		
06785		XA309	61		XA424	06							CX10CA	02	C336G0	01	8	TS8	E1		32B		
06786		XA424	06		XA245	43							CX10CA	03	CX10CA	00	1	TQ2	A1		05A	ADF/ADH	
06787		XA245	43										CX10CA	04	C200S0	01	2	TQ2	D3		23B		
06790		XA312	18		XA309	62							CX11CA	01	C306K0	01	2	TQ4	B2		10A		
													****	SIGNAL	CX11CA	IS ON THE NEXT PAGE			****				

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

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UNIT ASSEMBLY NO 149011
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RECORD NUMBER	FROM			TO			WIRE			MULTI GROUP	CODE	COLOR	IDENT	SIGNAL	SEQ NO	EQU TION	TERMS	FACTS	CKT OR CHIP TYPE	MOP	LOAD CP POWER PLANE	TEST POINTS AND/OR	SIGNAL DESCRIPTION	ECO NO	
	PREFIX	CONNECTOR	PIN	PREFIX	CONNECTOR	PIN																			
06791		XA309	62		XA424	01		168	9																
06792		XA424	01		XA245	49		168	9				CX11CA	02	C336G0	01	5	TS8	E1		29A				
06793		XA245	49										CX11CA	03	CX11CA	00	1	TQ2	A2		02B	SBF/SBH			
													CX11CA	04	C200T0	01	2	TQ2	D4		26B				
06796		XA312	19		XA424	09		168	9				CX12CA	01	C336K0	01	4	TD4	B2		09B				
06797		XA424	09		XA235	78		168	9				CX12CA	02	CX12CA	00	1	TQ2	A3		04B	ALF/ALH			
06798		XA235	78		XA237	22		168	9				CX12CA	03	CQALX0	01	8	TS8	F1		38A				
06799		XA237	22		XA245	41		168	9				CX12CA	04	C214Q0	01	3	TS8	B1		12A				
06800		XA245	41										CX12CA	05	C200S0	01	1	TQ2	D3		22B				
06803		XA312	14		XA424	15		168	9				CX13CA	01	C306K0	01	3	TD4	B2		09A				
06804		XA424	15		XA235	74		168	9				CX13CA	02	CX13CA	00	1	TQ2	A4		07B	SLF/SLH			
06805		XA235	74		XA237	24		168	9				CX13CA	03	CQALX0	01	7	TS8	F1		35B				
06806		XA237	24		XA245	47		168	9				CX13CA	04	C214Q0	01	2	TS8	B1		13A				
06807		XA245	47										CX13CA	05	C200T0	01	1	TQ2	D4		25B				
06810		XA229	50		XA229	74		168	9				CX14CA	01	CQ44C0	01	1	TQ2	D2		23A				
06811		XA229	74		XA229	71		168	9				CX14CA	02	CQ83C0	01	2	TQ2	F3		35B				
06812		XA229	71		XA342	29		168	9				CX14CA	03	CQ82C0	01	2	TQ2	F2		36A				
06813		XA342	29		XA339	60		168	9				CX14CA	04	CT06N0	01	3	TT3	C2		14B				
06814		XA339	60		XA424	22		168	9				CX14CA	05	CYE5D0	01	6	TS8	E1		28A				
06815		XA424	22		XA425	41		168	9				CX14CA	06	CX14CA	00	1	TQ2	B1		12A	MPF/MPH			
06816		XA425	41		XA306	77		168	9				CX14CA	07	CX14C0	01	1	TQ2	D3		22B				
06817		XA306	77		XA304	20		168	9				CX14CA	08	CQPMDO	01	2	TQ2	F1		38B				
06818		XA304	20		XA204	08		168	9				CX14CA	09	CQC150	01	4	TS8	B1		11A				
06819		XA204	08										CX14CA	10	CSE2D0	01	2	TQ2	A1		06A				
06822		XA316	37		XA311	78		168	9				CX14C0	01	C306MA	01	2	TQ2	C4		18B				
06823		XA311	78		XA525	30		168	9				CX14C0	02	C310QA	01	2	TQ2	F4		38A				
06824		XA525	30		XA425	45		168	9				CX14C0	03	CN125A	01	3	TD4	C2		15A				
06825		XA425	45		XA435	54		168	9				CX14C0	04	CX14C0	00	1	TQ2	D3		24B				
06826		XA435	54		XA341	07		168	9				CX14C0	05	C450RA	01	2	TQ2	D1		25A				
06827		XA341	07		XA243	62		168	9				CX14C0	06	CT02GA	01	2	TQ2	A3		03A				
06828		XA243	62		XA243	30		168	9				CX14C0	07	C207DA	01	2	TD4	E2		29A				
06829		XA243	30		XA243	06		168	9				CX14C0	08	C212CA	01	3	TD4	C2		15A				
06830		XA243	06										CX14C0	09	C214SA	01	3	TD4	A1		05A				
06831		XA446	54		XA424	14		168	9				CX14DA	01	C404R0	01	2	TT3	D1		25A				
06832		XA424	14		XA317	64		168	9				CX14DA	02	CX14DA	00	1	TQ2	B2		09A				
06833		XA317	64		XA315	56		168	9				CX14DA	03	C308Q0	01	1	TQ2	E2		30A				
06834		XA315	56		XA315	57		168	9				CX14DA	04	C341F0	01	1	TT3	D1		26A				
06835		XA315	57		XA314	59		168	9				CX14DA	05	C340D0	01	1	TT3	E3		30B				
06836		XA314	59		XA233	68		168	9				CX14DA	06	C336J0	01	1	TQ2	E4		31B				
06837		XA233	68		XA237	60		168	9				CX14DA	07	C233H0	01	2	TS8	E1		32A				
06838		XA237	60		XA239	50		168	9				CX14DA	08	C226L0	01	6	TS8	E1		28A				
06839		XA239	50		XA245	08		168	9				CX14DA	09	C230DA	01	1	TD4	D2		23A				
06840		XA245	08										CX14DA	10	C203G0	01	2	TQ2	A1		06A				
06843		XA304	24		XA306	79		168	9				CX15CA	01	CQC150	01	2	TS8	B1		13A				
06844		XA306	79		XA424	21		168	9				CX15CA	02	CQPMDO	01	1	TQ2	F1		39B				
													****	SIGNAL	(CX15CA)										

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RECORD NUMBER	FROM				TO				WIRE			SIGNAL	SFC NO	EQUATION	TERM	FACTOR	CMT OR CH.P TYPE	PROP	LOAD OR POWER PLANE	TEST POINTS AND/OR	SIGNAL DESCRIPTION	ECO NO		
	PREFIX	CONNECTOR	PIN	WIRE NO	PREFIX	CONNECTOR	PIN	WIRE NO	MULTI GROUP	CODE	COLOR												DEN	
06845		XA424	21		XA425	47				168	9		CX15CA	03	CX15CA	00	1	TQ2	B3		108	DIF/DIH		
06846		XA425	47		XA340	40				168	9		CX15CA	04	CX15C0	01	1	TQ2	D4		25B			
06847		XA340	40		XA340	31				168	9		CX15CA	05	CT26Q0	01	2	TQ2	CI		19A			
06848		XA340	31		XA229	77				168	9		CX15CA	06	CT22E0	01	2	TQ2	C3		15B			
06849		XA229	77		XA229	73				168	9		CX15CA	07	CQ81C0	01	2	TQ2	F1		38B			
06850		XA229	73		XA229	56				168	9		CX15CA	08	CQ82C0	01	1	TQ2	F2		36B			
06851		XA229	56		XA232	37				168	9		CX15CA	09	CQA3D0	01	1	TQ2	D1		26A			
06852		XA232	37							168	9		CX15CA	10	CQA3C0	01	2	TQ2	C4		18B			
06855		XA230	43		XA203	56				168	9		CX15C0	01	C206CA	01	1	T04	D2		23B			
06856		XA203	56		XA312	38				168	9		CX15C0	02	CSE4CA	01	1	TS8	D1		26A			
06857		XA312	38		XA424	25				168	9		CX15C0	03	C341GA	01	3	T04	C1		18A			
06858		XA424	25		XA425	51				168	9		CX15C0	04	CX15D4	01	2	TQ2	B4		12B			
06859		XA425	51		XA526	45				168	9		CX15C0	05	CX15C0	00	1	TQ2	D4		27B			
06860		XA326	45		XA341	54				168	9		CX15C0	06	CNI36A	01	1	TT3	D3		24B			
06861		XA341	54		XA244	68				168	9		CX15C0	07	CT06PA	01	2	TQ2	D1		25A			
06862		XA244	68		XA240	47				168	9		CX15C0	08	CT02HA	01	2	TT3	E1		32A			
06863		XA240	47		XA132	34				168	9		CX15C0	09	C233FA	01	1	TQ2	D4		25B			
06864		XA132	34							168	9		CX15C0	10	CR025A	01	1	TT3	C2		16A			
06865		XA425	68		XA424	27				168	9		CX15D4	01	CX15D4	01	2	TQ2	E1		32A			
06866		XA424	27		XA309	70				168	9		CX15D4	02	CX15D4	00	1	TQ2	B4		13B			
06867		XA309	70		XA313	64				168	9		CX15D4	03	C336G0	01	1	TS8	E1		33A			
06868		XA313	64		XA315	61				168	9		CX15D4	04	C308K0	01	4	TS8	E1		30A			
06869		XA315	61		XA313	07				168	9		CX15D4	05	C340U0	01	3	TT3	E3		32B			
06870		XA313	07		XA239	20				168	9		CX15D4	06	C306H0	01	7	TS8	A1		03A			
06871		XA239	20		XA239	43				168	9		CX15D4	07	C237N0	01	1	T04	B2		11A			
06872		XA239	43		XA237	62				168	9		CX15D4	08	C230D4	01	4	T04	D2		23B			
06873		XA237	62		XA241	72				168	9		CX15D4	09	C226L0	01	5	TS8	E1		29A			
06874		XA241	72		XA244	57				168	9		CX15D4	10	C200M0	01	6	TS8	F1		34A			
06875		XA244	57							168	9		CX15D4	11	C234F0	01	1	TT3	E3		30B			
06880		XA425	66		XA424	40				168	9		CX15D0	01	CX15D0	00	1	TQ2	E1		31A			
06881		XA424	40		XA229	36				168	9		CX15D0	02	CX15EA	01	2	TQ2	C1		19A			
06882		XA229	36		XA238	71				168	9		CX15D0	03	C236GA	01	1	TQ2	C2		17A			
06883		XA238	71		XA236	76				168	9		CX15D0	04	C229GA	01	2	TQ2	F2		36A			
06884		XA236	76		XA236	56				168	9		CX15D0	05	C231CA	01	1	TQ2	F4		37A			
06885		XA236	56		XA239	54				168	9		CX15D0	06	C224FA	01	1	TQ2	D1		26A			
06886		XA239	54		XA241	42				168	9		CX15D0	07	C229HA	01	2	T04	D1		25A			
06887		XA241	42		XA243	50				168	9		CX15D0	08	C213CA	01	1	TS8	C1		20A			
06888		XA243	50		XA243	52				168	9		CX15D0	09	C211CA	01	1	T04	D2		23A			
06889		XA243	52							168	9		CX15D0	10	C210CA	01	3	T04	D1		24A			
06890		XA425	62		XA424	38				168	9		CX15EA	01	CX15E0	01	2	TQ2	E2		29A			
06891		XA424	38							168	9		CX15EA	02	CX15EA	00	1	TQ2	C1		18A			
06892		XA340	68		XA445	43				168	9		CX15E0	01	CTE9CA	01	2	TQ2	E1		32A			
06893		XA445	43		XA444	11				168	9		CX15E0	02	C404KA	01	2	TQ2	D3		23B			
06894		XA444	11		XA425	60				168	9		CX15E0	03	C436FA	01	1	TQ2	A4		05B			
06895		XA425	60		XA315	78				168	9		CX15E0	04	CX15E0	00	1	TQ2	E2		28A			
												****	SIGNAL	CX15E0	IS ON THE			NEXT PAGE	****					

DRAWING NUMBER 149011-800
UNIT ASSEMBLY NAME CARD CAGE ASSY,CPU R.H.

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UNIT ASSEMBLY NO 149011
FILE IDENT T39B2CP2

REV D INDEX CX15E0
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RECORD NUMBER	FROM				TO				WIRE				SIGNAL	SEQ NO	EQUATION	T	FACTOR	CKT OR CHIP TYPE	GROUP	LOAD OR POWER PLANE	TEST POINTS AND OP	SIGNAL DESCRIPTION	ECO NO		
	PREFIX	CONNECTOR	PIN	WIRE NO	PREFIX	CONNECTOR	PIN	WIRE NO	MULTI GROUP	CODE	COL IN	IDENT												WIRE NO	
06896		XA315	78		XA316	73		168	9					CX15E0	05	C310TA	01	3	TY3	F3		38A			
06897		XA316	73		XA309	40		168	9					CX15E0	06	C309EA	01	1	TQ2	F2		36B			
06898		XA309	40					168	9					CX15E0	07	C337CA	01	2	YS8	C1		19A			
06899		XA407	40		XA424	30		168	9					CX16CA	01	CMONCO	01	2	TD4	C1		19A			
06900		XA424	30		XA317	31		168	9					CX16CA	02	CX16CA	00	1	TQ2	C2		15A	RAF/RAH		
06901		XA317	31		XA231	77		168	9					CX16CA	03	C306G0	01	2	TQ2	C3		15B			
06902		XA231	77		XA343	64		168	9					CX16CA	04	C232F0	01	2	YS8	F1		38B			
06903		XA343	64					168	9					CX16CA	05	CT06J0	01	4	YS8	E1		30A			
06904		XA407	42		XA424	33		168	9					CX17CA	01	CMONCO	01	1	TD4	C1		20A			
06905		XA424	33		XA317	29		168	9					CX17CA	02	CX17CA	00	1	TQ2	C3		16B	RSF/RSH		
06906		XA317	29		XA229	68		168	9					CX17CA	03	C306G0	01	1	TQ2	C3		14B			
06907		XA229	68		XA343	62		168	9					CX17CA	04	C233K0	01	2	TQ2	E1		32A			
06908		XA343	62					168	9					CX17CA	05	CT06J0	01	5	YS8	E1		29A			
06909		XA547	64		XA237	40		168	9					CX2XAA	01	CQM2D0	01	4	YS8	E1		30A			
06910		XA237	40		XA235	72		168	9					CX2XAA	02	C220E0	01	2	YS8	C1		19A			
06911		XA235	72		XA241	78		168	9					CX2XAA	03	CQALX0	01	6	YS8	F1		34A			
06912		XA241	78		XA426	23		168	9					CX2XAA	04	C200M0	01	8	YS8	F1		38A			
06913		XA426	23		XA426	18		168	9					CX2XAA	05	CX2X00	01	1	TQ2	B4		11B			
06914		XA426	18		XA426	19		168	9					CX2XAA	06	CX2XA0	01	2	TQ2	B2		10A			
06915		XA426	19		XA427	15		168	9					CX2XAA	07	CX2XC0	01	2	TQ2	B3		09B			
06916		XA427	15		XA313	06		168	9					CX2XAA	08	CX2XAA	00	1	TT3	A3		07B			
06917		XA313	06		XA313	19		168	9					CX2XAA	09	C306H0	01	3	YS8	A1		05A			
06918		XA313	19					168	9					CX2XAA	10	C307D0	01	7	YS8	B1		09B			
06925		XA422	66		XA422	59		168	9					CX2XA0	01	C025CA	01	3	TT3	E1		31A			
06926		XA422	59		XA422	53		168	9					CX2XA0	02	C027CA	01	2	TT3	E3		31B			
06927		XA422	53		XA422	54		168	9					CX2XA0	03	C026CA	01	3	TT3	E2		28B			
06928		XA422	54		XA422	47		168	9					CX2XA0	04	C022CA	01	2	TT3	D1		25A			
06929		XA422	47		XA422	46		168	9					CX2XA0	05	C024CA	01	2	TT3	D3		25B			
06930		XA422	46		XA422	35		168	9					CX2XA0	06	C023CA	01	2	TT3	D2		21A			
06931		XA422	35		XA422	29		168	9					CX2XA0	07	C021CA	01	2	TT3	C3		17B			
06932		XA422	29		XA426	14		168	9					CX2XA0	08	C020CA	01	3	TT3	C2		14B			
06933		XA426	14					168	9					CX2XA0	09	CX2XA0	00	1	TQ2	B2		09A			
06934		XA542	37		XA436	71		168	9					CX2XCA	01	C507G0	01	8	TS8	C1		18B			
06935		XA436	71		XA436	52		168	9					CX2XCA	02	C462K0	01	5	TS8	F1		36A			
06936		XA436	52		XA439	40		168	9					CX2XCA	03	C458G0	01	3	TS8	D1		24A			
06937		XA439	40		XA443	13		168	9					CX2XCA	04	C457M0	01	2	TS8	C1		19A			
06938		XA443	13		XA416	80		168	9					CX2XCA	05	C404L0	01	8	TS8	A1		06B			
06939		XA416	80		XA404	49		168	9					CX2XCA	06	CX2XCA	00	1	TT3	F3		39A			
06940		XA404	49		XA301	26		168	9					CX2XCA	07	C614E0	01	8	TS8	D1		26B			
06941		XA301	26					168	9					CX2XCA	08	C612E0	01	1	TS8	B1		14A			
06946		XA543	47		XA426	21		168	9					CX2XC0	01	C510FA	01	1	TQ2	D4		25B			
06947		XA426	21		XA417	05		168	9					CX2XC0	02	CX2XC0	00	1	TQ2	B3		10B			
06948		XA417	05		XA417	08		168	9					CX2XC0	03	C127CA	01	1	TT3	A2		03B			
06949		XA417	08		XA418	57		168	9					CX2XC0	04	C126CA	01	2	TT3	A1		06A			
													****	SIGNAL	CX2XC0	IS ON THE NEXT PAGE				****					

DRAWING NUMBER 149011-800
 UNIT ASSEMBLY NAME CARD CAGE ASSY,CPU R.H.

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UNIT ASSEMBLY NO 149011
 FILE IDENT T39B2CP2

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RECORD NUMBER	FROM				TO				WIRE	SIGNAL	SEC NO	EQUATION	TEST FACTOR	CKT OR CHIP TYPE	GROUP	LOAD OR POWER PLANE	TEST POINTS AND/OR	SIGNAL DESCRIPTION	ECO NO
	PREFIX	CONNECTOR	PIN	NO	PREFIX	CONNECTOR	PIN	NO											
06950	XA418	57		XA418	72		168	9	CX2XC0	05	C121CA	01	1	TT3	E3	30B			
06951	XA418	72		XA418	76		168	9	CX2XC0	06	C124CA	01	2	TT3	F2	34A			
06952	XA418	76		XA418	77		168	9	CX2XC0	07	C125CA	01	2	TT3	F3	37A			
06953	XA418	77		XA305	05		168	9	CX2XC0	08	C122CA	01	2	TT3	F1	38B			
06954	XA305	05					168	9	CX2XC0	09	CQCNUA	01	2	TQ2	A2	03B			
06957	XA424	77		XA424	73		168	9	CX2X00	01	CX26CA	01	2	TQ2	F1	38B			
06958	XA424	73		XA424	59		168	9	CX2X00	02	CX27CA	01	1	TQ2	F2	36B			
06959	XA424	59		XA424	62		168	9	CX2X00	03	CX25CA	01	1	TQ2	E4	31B			
06960	XA424	62		XA424	56		168	9	CX2X00	04	CX24CA	01	2	TQ2	E2	29A			
06961	XA424	56		XA424	47		168	9	CX2X00	05	CX21CA	01	1	TQ2	D1	26A			
06962	XA424	47		XA424	41		168	9	CX2X00	06	CX23CA	01	1	TQ2	D4	25B			
06963	XA424	41		XA424	37		168	9	CX2X00	07	CX22CA	01	1	TQ2	D3	22B			
06964	XA424	37		XA426	27		168	9	CX2X00	08	CX20CA	01	2	TQ2	C4	18B			
06965	XA426	27		XA342	13		168	9	CX2X00	09	CX2X0J	00	1	TQ2	B4	13B			
06966	XA342	13					168	9	CX2X00	10	CT06KA	01	3	TT3	A3	06B			
06967	XA424	39		XA317	68		168	9	CX20CA	01	CX20CA	00	1	TQ2	C4	19B	CMF/CMH		
06968	XA317	68		XA231	70		168	9	CX20CA	02	C308L0	01	2	TQ2	E1	32A			
06969	XA231	70		XA239	42		168	9	CX20CA	03	CQALTA	01	1	TS8	E1	33A			
06970	XA239	42					168	9	CX20CA	04	C233J0	01	1	TD4	C1	20A			
06971	XA307	42		XA312	61		168	9	CX21CA	01	CQC160	01	1	TD4	C1	20A			
06972	XA312	61		XA312	71		168	9	CX21CA	02	C311C0	01	4	TD4	E1	32B			
06973	XA312	71		XA424	52		168	9	CX21CA	03	C310M0	01	2	TD4	F2	36A			
06974	XA424	52		XA425	53		168	9	CX21CA	04	CX21CA	00	1	TQ2	D1	24A	CLU/CLL		
06975	XA425	53		XA338	19		168	9	CX21CA	05	CX21C0	01	1	TQ2	E3	28B			
06976	XA338	19		XA239	37		168	9	CX21CA	06	CTE300	01	7	TS8	B1	09B			
06977	XA239	37		XA235	25		168	9	CX21CA	07	C233J0	01	4	TD4	C1	18B			
06978	XA235	25		XA231	04		168	9	CX21CA	08	C220DA	01	8	TS8	B1	12B			
06979	XA231	04					168	9	CX21CA	09	C237R0	01	4	TS8	A1	04A			
06984	XA435	18		XA424	50		168	9	CX21C0	01	C461CA	01	2	TQ2	B2	10A			
06985	XA424	50		XA425	57		168	9	CX21C0	02	CX21EA	01	1	TQ2	D2	23A			
06986	XA425	57		XA317	56		168	9	CX21C0	03	CX21C0	00	1	TQ2	E3	30B			
06987	XA317	56		XA240	13		168	9	CX21C0	04	C308FA	01	1	TQ2	D1	26A			
06988	XA240	13					168	9	CX21C0	05	C214FA	01	2	TQ2	A4	06B			
06989	XA543	49		XA541	04		168	9	CX21EA	01	C510FA	01	2	TQ2	D4	26B			
06990	XA541	04		XA437	38		168	9	CX21EA	02	C521J0	01	1	TQ2	A2	04A			
06991	XA437	38		XA437	31		168	9	CX21EA	03	C457V0	01	3	TD4	C1	18A			
06992	XA437	31		XA436	20		168	9	CX21EA	04	C458EA	01	4	TD4	C2	15B			
06993	XA436	20		XA437	10		168	9	CX21EA	05	C457DA	01	4	TS8	B1	11A			
06994	XA437	10		XA424	46		168	9	CX21EA	06	C462HA	01	1	TD4	A1	07A			
06995	XA424	46					168	9	CX21EA	07	CX21EA	00	1	TQ2	D2	21A			
06996	XA424	45		XA317	70		168	9	CX22CA	01	CX22CA	00	1	TQ2	D3	24B	CLF/CLH		
06997	XA317	70		XA239	38		168	9	CX22CA	02	C308L0	01	1	TQ2	E1	33A			
06998	XA239	38					168	9	CX22CA	03	C233J0	01	3	TD4	C1	18A			
									****	SIGNAL	CX23CA			IS ON THE	NEXT PAGE	****			

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RECORD NUMBER	FROM				TO				WIRE				SIGNAL	SEQ NO	EQU TION	TER M	FAC T	CKT OR CH P 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											
07001		XA425	59		XA424	51			168	9			CX23CA	01	CX23C0	01	1	TQ2	E4		31B		
07002		XA424	51		XA339	55			168	9			CX23CA	02	CX23CA	00	1	TQ2	D4		27B	CGF/CGH	
07003		XA339	55		XA342	30			168	9			CX23CA	03	CYE5D0	01	7	TS8	E1		29B		
07004		XA342	30		XA342	11			168	9			CX23CA	04	CT06N0	01	2	TT3	C2		15A		
07005		XA342	11		XA244	61			168	9			CX23CA	05	CT06KA	01	2	TT3	A3		05B		
07006		XA244	61		XA239	40			168	9			CX23CA	06	C234F0	01	3	TT3	E3		32B		
07007		XA239	40		XA237	52			168	9			CX23CA	07	C233J0	01	2	TD4	C1		19A		
07008		XA237	52		XA231	60			168	9			CX23CA	08	C224H0	01	3	TS8	D1		24A		
07009		XA231	60						168	9			CX23CA	09	CQALYA	01	6	TS8	E1		28A		
07010		XA435	71		XA425	63			168	9			CX23C0	01	C457HA	01	2	TQ2	F2		36A		
07011		XA425	63		XA424	68			168	9			CX23C0	02	CX23C0	00	1	TQ2	E4		33B		
07012		XA424	68		XA317	50			168	9			CX23C0	03	CX23EA	01	2	TQ2	E1		32A		
07013		XA317	50		XA232	55			168	9			CX23C0	04	C308GA	01	1	TQ2	D2		23A		
07014		XA232	55		XA238	35			168	9			CX23C0	05	C233EA	01	2	TQ2	E3		29B		
07015		XA238	35						168	9			CX23C0	06	C224EA	01	1	TQ2	C4		17B		
07016		XA312	66		XA314	73			168	9			CX23EA	01	C311C0	01	3	TD4	E1		31A		
07017		XA314	73		XA424	66			168	9			CX23EA	02	C310P0	01	1	TQ2	F2		36B		
07018		XA424	66		XA444	48			168	9			CX23EA	03	CX23EA	00	1	TQ2	E1		31A		
07019		XA444	48		XA243	79			168	9			CX23EA	04	C407G0	01	2	TQ2	D2		22A		
07020		XA243	79		XA240	77			168	9			CX23EA	05	C200P0	01	1	TD4	F1		39B		
07021		XA240	77		XA229	43			168	9			CX23EA	06	C200Q0	01	2	TQ2	F1		38B		
07022		XA229	43						168	9			CX23EA	07	CQA5C0	01	2	TQ2	D3		23B		
07023		XA425	77		XA424	60			168	9			CX24CA	01	CX24C0	01	2	TQ2	F1		38B		
07024		XA424	60		XA339	74			168	9			CX24CA	02	CX24CA	00	1	TQ2	E2		28A	CSF/CSH	
07025		XA339	74		XA340	42			168	9			CX24CA	03	CYE6D0	01	7	TS8	F1		35B		
07026		XA340	42		XA342	09			168	9			CX24CA	04	CT06Q0	01	1	TQ2	C1		20A		
07027		XA342	09		XA240	79			168	9			CX24CA	05	CT06KA	01	1	TT3	A3		04B		
07028		XA240	79		XA239	70			168	9			CX24CA	06	C200Q0	01	1	TQ2	F1		39B		
07029		XA239	70		XA244	40			168	9			CX24CA	07	C226N0	01	1	TD4	E1		33A		
07030		XA244	40		XA244	34			168	9			CX24CA	08	C238L0	01	2	TT3	C1		19A		
07031		XA244	34		XA231	56			168	9			CX24CA	09	C239H0	01	1	TT3	C2		16A		
07032		XA231	56		XA231	74			168	9			CX24CA	10	C239G0	01	1	TS8	D1		26A		
07033		XA231	74						168	9			CX24CA	11	C232F0	01	7	TS8	F1		35B		
07034		XA425	75		XA424	55			168	9			CX24C0	01	CX24C0	00	1	TQ2	F1		37B		
07035		XA424	55		XA317	41			168	9			CX24C0	02	CX24EA	01	2	TQ2	E3		29B		
07036		XA317	41		XA232	59			168	9			CX24C0	03	C308HA	01	1	TQ2	D3		22B		
07037		XA232	59		XA238	08			168	9			CX24C0	04	C233FA	01	1	TQ2	E4		31B		
07038		XA238	08		XA240	20			168	9			CX24C0	05	C214HA	01	2	TQ2	A1		06A		
07039		XA240	20		XA245	11			168	9			CX24C0	06	C201EA	01	1	TQ2	B2		11A		
07040		XA245	11						168	9			CX24C0	07	C214GA	01	1	TQ2	A4		05B		
07041		XA446	79		XA437	71			168	9			CX24EA	01	C404DA	01	1	TT3	F1		39B		
07042		XA437	71		XA442	37			168	9			CX24EA	02	C457Q0	01	2	TD4	F2		36A		
07043		XA442	37		XA444	19			168	9			CX24EA	03	C404N0	01	8	TS8	C1		18B		
07044		XA444	19		XA424	57			168	9			CX24EA	04	C407F0	01	2	TQ2	B3		09B		
07045		XA424	57		XA312	68			168	9			CX24EA	05	CX24EA	00	1	TQ2	E3		30B		
												****	SIGNAL	(CX24EA)	IS ON THE	NEXT PAGE	****						

DRAWING NUMBER 149011-800
 UNIT ASSEMBLY NAME CARD CAGE ASSY,CPU R.H.

STRING

UNIT ASSEMBLY NO 149011
 FILE IDENT T39B2CP2

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 DATE 09-03-82
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RECORD NUMBER	FROM			TO			WIRE				SIGNAL	SFC NO	EQUATION	TERMINAL	FACTORY	CAT OR CHIP TYPE	PROP	LOAD OR POWER PLANE	TEST POINTS AND/OR	SIGNAL DESCRIPTION	ECO NO
	PREFIX	CONNECTOR	PIN	PREFIX	CONNECTOR	PIN	MULTI GROUP	CODE	COLOR	IDENT											
07046		XA312	68					168	9			CX24EA	06	C311C0	01	2	TD4	E1	32A		
07047		XA442	24		XA424	63		168	9			CX25CA	01	C404M0	01	2	TS8	B1	13A	IOF/IOH	
07048		XA424	63		XA315	18		168	9			CX25CA	02	CX25CA	00	1	TQ2	E4	33B		
07049		XA315	18		XA233	04		168	9			CX25CA	03	C308M0	01	1	TT3	B2	10A		
07050		XA233	04		XA237	20		168	9			CX25CA	04	C237K0	01	4	TS8	A1	04A		
07051		XA237	20		XA244	48		168	9			CX25CA	05	C214Q0	01	4	TS8	B1	11A		
07052		XA244	48					168	9			CX25CA	06	C236H0	01	1	TT3	D2	22A		
07057		XA442	14		XA424	75		168	9			CX26CA	01	C404M0	01	6	TS8	B1	09A	EUF/EUH	
07058		XA424	75		XA315	17		168	9			CX26CA	02	CX26CA	00	1	TQ2	F1	37B		
07059		XA315	17		XA232	77		168	9			CX26CA	03	C308M0	01	3	TT3	B2	08B		
07060		XA232	77		XA230	19		168	9			CX26CA	04	C232G0	01	2	TQ2	F1	38B		
07061		XA230	19		XA237	19		168	9			CX26CA	05	CQA7C0	01	4	TD4	B2	09B		
07062		XA237	19					168	9			CX26CA	06	C214Q0	01	7	TS8	B1	09B		
07063		XA442	22		XA424	72		168	9			CX27CA	01	C404M0	01	3	TS8	B1	12A	ANF/ANH	
07066		XA424	72		XA315	14		168	9			CX27CA	02	CX27CA	00	1	TQ2	F2	34A		
07067		XA315	14		XA232	71		168	9			CX27CA	03	C308M0	01	2	TT3	B2	09A		
07068		XA232	71		XA237	18		168	9			CX27CA	04	C232H0	01	2	TQ2	F2	36A		
07069		XA237	18					168	9			CX27CA	05	C214Q0	01	5	TS8	B1	10A		
07072		XA307	31		XA404	46		168	9			CX3XAA	01	CQC170	01	4	TD4	C2	15B		
07073		XA404	46		XA426	40		168	9			CX3XAA	02	C614E0	01	6	TS8	D1	21A		
07074		XA426	40		XA426	36		168	9			CX3XAA	03	CX3XAA	01	2	TQ2	C1	19A		
07075		XA426	36		XA426	31		168	9			CX3XAA	04	CX3XC0	01	1	TQ2	C2	17A		
07076		XA426	31		XA427	20		168	9			CX3XAA	05	CX3XAA	01	2	TQ2	C3	15B		
07077		XA427	20		XA439	34		168	9			CX3XAA	06	CX3XAA	00	1	TT3	B1	11A		
07078		XA439	34		XA443	04		168	9			CX3XAA	07	C457M0	01	5	TS8	C1	16A		
07079		XA443	04		XA235	79		168	9			CX3XAA	08	C404L0	01	4	TS8	A1	04A		
07080		XA235	79					168	9			CX3XAA	09	CUALX0	01	1	TS8	F1	39B		
07081		XA422	77		XA422	76		168	9			CX3XAA	01	C030CA	01	2	TT3	F1	38B		
07082		XA422	76		XA422	72		168	9			CX3XAA	02	C033CA	01	2	TT3	F3	37A		
07083		XA422	72		XA426	38		168	9			CX3XAA	03	C032CA	01	2	TT3	F2	34A		
07084		XA426	38		XA420	22		168	9			CX3XAA	04	CX3XAA	00	1	TQ2	C1	18A		
07085		XA420	22		XA420	10		168	9			CX3XAA	05	C037CA	01	3	TT3	B1	12A		
07086		XA420	10		XA420	11		168	9			CX3XAA	06	C034CA	01	1	TT3	A1	07A		
07087		XA420	11		XA420	01		168	9			CX3XAA	07	C036CA	01	2	TT3	A3	05B		
07088		XA420	01					168	9			CX3XAA	08	C035CA	01	2	TT3	A2	02B		
07089		XA426	30		XA417	52		168	9			CX3XC0	01	CX3XC0	00	1	TQ2	C2	15A		
07090		XA417	52		XA417	48		168	9			CX3XC0	02	C136CA	01	3	TT3	D1	24A		
07091		XA417	48		XA417	37		168	9			CX3XC0	03	C137CA	01	1	TT3	D2	22A		
07092		XA417	37		XA417	30		168	9			CX3XC0	04	C135CA	01	3	TT3	C3	18B		
07093		XA417	30		XA417	22		168	9			CX3XC0	05	C134CA	01	2	TT3	C2	15A		
07094		XA417	22		XA417	21		168	9			CX3XC0	06	C131CA	01	3	TT3	B1	12A		
07095		XA417	21		XA417	14		168	9			CX3XC0	07	C133CA	01	1	TT3	B3	10B		
07096		XA417	14		XA417	13		168	9			CX3XC0	08	C132CA	01	2	TT3	B2	09A		
07097		XA417	13					168	9			CX3XC0	09	C130CA	01	3	TT3	A3	06B		

DRAWING NUMBER 149011-800
UNIT ASSEMBLY NAME CARD CAGE ASSY,CPU R.H.

STRING

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FILE IDENT T39B2CP2

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RECORD NUMBER	FROM				TO				MULTI GROUP	CODE	COLR	IDENT	SPEC INST	SIGNAL	SEQ NO	EQUATION	TERM	FACTOR	CRT OR CHIP TYPE	GROUP	LOAD OR POWER PLANE	TEST POINTS		SIGNAL DESCRIPTION	ECO NO
	PREFIX	CONNECTOR	PIN	POS	PREFIX	CONNECTOR	PIN	POS														AND	OR		
07098		XA424	76		XA424	65			168	9				CX3XD0	01	CX31CA	01	1	TQ2	F4		37A			
07099		XA424	65		XA426	33			168	9				CX3XD0	02	CX30CA	01	1	TQ2	F3		34B			
07100		XA426	35		XA423	40			168	9				CX3XD0	03	CX3XD0	00	1	TQ2	C3		18B			
07101		XA423	40		XA423	36			168	9				CX3XD0	04	CX36CA	01	2	TQ2	C1		19A			
07102		XA423	36		XA423	26			168	9				CX3XD0	05	CX37CA	01	1	TQ2	C2		17A			
07103		XA423	26		XA423	25			168	9				CX3XD0	06	CX34CA	01	1	TQ2	B1		14A			
07104		XA423	25		XA423	10			168	9				CX3XD0	07	CX35CA	01	2	TQ2	B4		12B			
07105		XA423	10		XA423	11			168	9				CX3XD0	08	CX32CA	01	1	TQ2	A1		07A			
07106		XA423	11		XA401	34			168	9				CX3XD0	09	CX33CA	01	1	TQ2	A4		05B			
07107		XA401	34						168	9				CX3XD0	10	C612FA	01	1	TT3	C2		16A			
07108		XA231	07		XA229	42			168	9				CX30CA	01	C237R0	01	7	TS8	A1		03A			
07109		XA229	42		XA230	75			168	9				CX30CA	02	CQ41C0	01	1	TQ2	C1		20A			
07110		XA230	75		XA245	56			168	9				CX30CA	03	CQB4C0	01	3	TQ4	F1		37B			
07111		XA245	56		XA342	08			168	9				CX30CA	04	C200R0	01	1	TQ2	D1		26A			
07112		XA342	08		XA339	79			168	9				CX30CA	05	CT02N0	01	2	TT3	A1		06A			
07113		XA339	79		XA440	40			168	9				CX30CA	06	CYE6D0	01	1	TS8	F1		39B			
07114		XA440	40		XA444	43			168	9				CX30CA	07	C434J0	01	2	TQ2	C1		19A			
07115		XA444	43		XA424	69			168	9				CX30CA	08	C407H0	01	2	TQ2	D3		23B			
07116		XA424	69		XA312	54			168	9				CX30CA	09	CX30CA	00	1	TQ2	F3		35A		FEF/FEH	
07117		XA312	54		XA205	05			168	9				CX30CA	10	C307E0	01	2	TQ4	D1		25A			
07118		XA205	05						168	9				CX30CA	11	CSE3D0	01	1	TT3	A2		03B			
07121		XA231	01		XA229	40			168	9				CX31CA	01	C237R0	01	6	TS8	A1		02B			
07122		XA229	40		XA230	77			168	9				CX31CA	02	CQ41C0	01	2	TQ2	C1		19A			
07123		XA230	77		XA245	54			168	9				CX31CA	03	CQB4C0	01	2	TQ4	F1		38B			
07124		XA245	54		XA342	10			168	9				CX31CA	04	C200R0	01	2	TQ2	D1		25A			
07125		XA342	10		XA444	41			168	9				CX31CA	05	CT02N0	01	1	TT3	A1		07A			
07126		XA444	41		XA425	73			168	9				CX31CA	06	C407H0	01	1	TQ2	D3		22B			
07127		XA425	73		XA424	80			168	9				CX31CA	07	CX31C0	01	1	TQ2	F2		36B			
07128		XA424	80		XA312	52			168	9				CX31CA	08	CX31CA	00	1	TQ2	F4		39A		FIF/FIH	
07129		XA312	52		XA205	01			168	9				CX31CA	09	C307E0	01	3	TQ4	D1		24A			
07130		XA205	01						168	9				CX31CA	10	CSE3D0	01	2	TT3	A2		02B			
07135		XA425	72		XA438	05			168	9				CX31C0	01	CX31C0	00	1	TQ2	F2		34A			
07136		XA438	05		XA438	35			168	9				CX31C0	02	C450HA	01	1	TT3	A2		03B			
07137		XA438	35		XA441	34			168	9				CX31C0	03	C452JA	01	2	TT3	C3		17B			
07138		XA441	34		XA340	62			168	9				CX31C0	04	C434GA	01	2	TQ2	C2		16A			
07139		XA340	62		XA240	74			168	9				CX31C0	05	CYE8CA	01	2	TQ2	E2		29A			
07140		XA240	74		XA238	62			168	9				CX31C0	06	C200LA	01	2	TQ2	F3		35B			
07141		XA238	62		XA232	76			168	9				CX31C0	07	C226JA	01	2	TQ2	E2		29A			
07142		XA232	76		XA234	05			168	9				CX31C0	08	C233GA	01	1	TQ2	F4		37A			
07143		XA234	05						168	9				CX31C0	09	C238HA	01	2	TQ2	A2		03B			
07144		XA547	71		XA423	06			168	9				CX32CA	01	CQM2F0	01	5	TS8	F1		36A			
07145		XA423	06		XA425	24			168	9				CX32CA	02	CX32CA	00	1	TQ2	A1		05A		SHF/SHH	
07146		XA425	24		XA244	59			168	9				CX32CA	03	CX32C0	01	2	TQ2	B1		13A			
07147		XA244	59		XA243	75			168	9				CX32CA	04	C234F0	01	2	TT3	E3		31B			
									****		SIGNAL			CX32CA					IS ON THE		NEXT PAGE	****			

DRAWING NUMBER 149011-800
 UNIT ASSEMBLY NAME CARD CAGE ASSY, CPU R.H.

STRING

UNIT ASSEMBLY NO 149011
 FILE IDENT T39B2CP2

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RECORD NUMBER	FROM			TO			WIRE	SIGNAL	SEC NO	EQUATION	Z	S	CKT ON CHIP TYPE	GROUP	LOAD OR POWER PLANE	TEST POINTS AND/OR	SIGNAL DESCRIPTION	ECO NO
	PREFIX	CONNECTOR	PIN	PREFIX	CONNECTOR	PIN												
07148		XA243	75		XA237	70	168 9	CX32CA	05	C200P0	01	3	TD4	F1		37B		
07149		XA237	70		XA232	48	168 9	CX32CA	06	C226L0	01	1	TS8	E1		33A		
07150		XA232	48		XA237	25	168 9	CX32CA	07	C235D0	01	2	TQ2	D2		22A		
07151		XA237	25		XA231	06	168 9	CX32CA	08	C214Q0	01	8	TS8	B1		12B		
07152		XA231	06				168 9	CX32CA	09	C237R0	01	3	TS8	A1		04A		
07157		XA444	40		XA438	06	168 9	CX32C0	01	C414DA	01	2	TQ2	C1		19A		
07158		XA438	06		XA346	74	168 9	CX32C0	02	C450FA	01	3	TT3	A1		05A		
07159		XA346	74		XA340	79	168 9	CX32C0	03	CT02PA	01	4	TD4	F2		35B		
07160		XA340	79		XA425	22	168 9	CX32C0	04	CTE5EA	01	1	TQ2	F1		39B		
07161		XA425	22		XA423	05	168 9	CX32C0	05	CX32C0	00	1	TQ2	B1		12A		
07162		XA423	05		XA423	07	168 9	CX32C0	06	CX32EA	01	2	TQ2	A2		03B		
07163		XA423	07		XA204	03	168 9	CX32C0	07	CX32FA	01	2	TQ2	A3		03A		
07164		XA204	03				168 9	CX32C0	08	CSE3EA	01	1	TQ2	A3		02A		
07165		XA301	77		XA309	73	168 9	CX32EA	01	C308J0	01	2	TS8	F1		36B		
07166		XA309	73		XA312	49	168 9	CX32EA	02	C310G0	01	4	TS8	F1		36B		
07167		XA312	49		XA314	42	168 9	CX32EA	03	C307E0	01	4	TD4	D1		26B		
07168		XA314	42		XA315	52	168 9	CX32EA	04	C343E0	01	1	TQ2	C1		20A		
07169		XA315	52		XA313	10	168 9	CX32EA	05	C341F0	01	3	TT3	D1		24A		
07170		XA313	10		XA423	01	168 9	CX32EA	05	C306H0	01	1	TS8	A1		07A		
07171		XA423	01		XA230	78	168 9	CX32EA	07	CX32EA	00	1	TQ2	A2		02B		
07172		XA230	78		XA229	65	168 9	CX32EA	08	CQB4C0	01	4	TD4	F1		38A		
07173		XA229	65		XA232	25	168 9	CX32EA	09	CQB3C0	01	1	TQ2	F3		34B		
07174		XA232	25				168 9	CX32EA	10	CQA2C0	01	2	TQ2	B4		12B		
07175		XA544	68		XA542	56	168 9	CX32FA	01	C512H0	01	2	TT3	E1		32A		
07176		XA542	56		XA541	40	168 9	CX32FA	02	C507H0	01	1	TS8	D1		26A		
07177		XA541	40		XA437	79	168 9	CX32FA	03	C518E0	01	2	TQ2	C1		19A		
07178		XA437	79		XA446	52	168 9	CX32FA	04	C457P0	01	1	TD4	F1		39B		
07179		XA446	52		XA437	04	168 9	CX32FA	05	C404R0	01	3	TT3	D1		24A		
07180		XA437	04		XA423	09	168 9	CX32FA	06	C462J0	01	1	TD4	A2		04A		
07181		XA423	09		XA306	73	168 9	CX32FA	07	CX32FA	00	1	TQ2	A3		04B		
07182		XA306	73				168 9	CX32FA	08	CQPQ50	01	1	TQ2	F2		36B		
07808		XA304	46		XA407	38	168 9	CX33CA	002	CQP070	01	6	TS8	D1		21A		D02
07774		XA407	38		XA401	29	168 9	CX33CA	005	CWONC0	01	3	TD4	C1		16A		
07183		XA401	29		XA423	15	168 9	CX33CA	01	C612FA	01	3	TT3	C2		14B		
07184		XA423	15		XA430	35	168 9	CX33CA	02	CX33CA	00	1	TQ2	A4		07B		
07185		XA430	35		XA231	61	168 9	CX33CA	03	CX33C0	01	1	TQ2	C4		17B		
07186		XA231	61				168 9	CX33CA	04	CQALYA	01	8	TS8	E1		32B		
07187		XA430	39		XA417	42	168 9	CX33C0	01	CX33C0	00	1	TQ2	C4		19B		
07188		XA417	42				168 9	CX33C0	02	C133DA	01	1	TT3	C1		20A		
07189		XA546	73		XA542	01	168 9	CX34CA	01	CQM7CA	01	1	TD4	F2		36B		
07190		XA542	01		XA442	75	168 9	CX34CA	02	C455H0	01	6	TS8	A1		02B		
07191		XA442	75		XA436	62	168 9	CX34CA	03	C424L0	01	3	TS8	F1		37B		
07192		XA436	62		XA436	26	168 9	CX34CA	04	C462F0	01	5	TS8	E1		29A		
07193		XA436	26		XA423	22	168 9	CX34CA	05	C457DA	01	1	TS8	B1		14A		
							****	SIGNAL	CX34CA				IS ON THE	NEXT PAGE	****			

DRAWING NUMBER		149011-800		STRING		UNIT ASSEMBLY NO		149011		REV		D		INDEX		CX34CA						
UNIT ASSEMBLY NAME		CARD CAGE ASSY,CPU R.H.				FILE IDENT		T39B2CP2		DATE		09-03-82		PAGE		153						
RECORD NUMBER	PREFIX	CONNECTOR	PIN	TO	PREFIX	CONNECTOR	PIN	WIRE	MULTI GROUP	CODE	COLOR	IDENT	SIGNAL	SEQ NO	EQUATION	TERM FACTOR	CT OR CH.P TYPE	LOOP	UNLOC CP POWER PLANE	TEST POINTS AND/OR	SIGNAL DESCRIPTION	ECO NO
07194		XA423	22		XA425	65		168 9					CX34CA	06	CX34CA	00	1	TQ2	B1	12A	SBY/RBY	
07195		XA425	65		XA407	30		168 9					CX34CA	07	CX34C0	01	1	TQ2	F3	34B		
07196		XA407	30		XA310	78		168 9					CX34CA	08	CMONDO	01	3	TQ4	C2	15A		
07197		XA310	78		XA338	25		168 9					CX34CA	09	C359E0	01	3	TT3	F3	38A		
07198		XA338	25					168 9					CX34CA	10	CYE3D0	01	8	TS8	B1	12B		
07201		XA425	69		XA423	20		168 9					CX34C0	01	CX34C0	00	1	TQ2	F3	35A		
07202		XA423	20		XA423	19		168 9					CX34C0	02	CX34EA	01	1	TQ2	B2	11A		
07203		XA423	19					168 9					CX34C0	03	CX34FA	01	2	TQ2	B3	09B		
07204		XA542	25		XA539	38		168 9					CX34EA	01	C505G0	01	8	TS8	B1	12B		
07205		XA539	38		XA540	75		168 9					CX34EA	02	C511E0	01	3	TS8	C1	18A		
07206		XA540	75		XA536	66		168 9					CX34EA	03	C512L0	01	3	TT3	F1	37B		
07207		XA536	66		XA532	48		168 9					CX34EA	04	C527E0	01	3	TS8	E1	31A		
07208		XA532	48		XA423	14		168 9					CX34EA	05	C521Q0	01	5	TS8	D1	22A		
07209		XA423	14		XA406	68		168 9					CX34EA	06	CX34EA	00	1	TQ2	B2	09A		
07210		XA406	68		XA401	30		168 9					CX34EA	07	C621H0	01	2	TQ2	E1	32A		
07211		XA401	30		XA401	03		168 9					CX34EA	08	C612FA	01	2	TT3	C2	15A		
07212		XA401	03		XA304	78		168 9					CX34EA	09	C606E0	01	3	TT3	A2	02A		
07213		XA304	78		XA304	38		168 9					CX34EA	10	C612M0	01	8	TS8	F1	38A		
07214		XA304	38					168 9					CX34EA	11	CQ0P80	01	3	TS8	C1	18A		
07215		XA423	21		XA242	55		168 9					CX34FA	01	CX34FA	00	1	TQ2	B3	10B	SBY/RBY UNLOAD	
07216		XA242	55		XA238	20		168 9					CX34FA	02	C200N0	01	7	TS8	E1	29B		
07217		XA238	20					168 9					CX34FA	03	C219F0	01	1	TQ2	B2	11A		
07220		XA407	31		XA423	27		168 9					CX35CA	01	CMONDO	01	4	TQ4	C2	15B		
07221		XA423	27		XA343	60		168 9					CX35CA	02	CX35CA	00	1	TQ2	B4	13B	RIF/RIH	
07222		XA343	60		XA244	41		168 9					CX35CA	03	CT06J0	01	6	TS8	E1	28A		
07223		XA244	41		XA244	35		168 9					CX35CA	04	C236H0	01	3	TT3	D2	22B		
07224		XA244	35		XA241	08		168 9					CX35CA	05	C200W0	01	2	TT3	C3	17B		
07225		XA241	08		XA233	05		168 9					CX35CA	06	C214M0	01	2	TS8	A1	06A		
07226		XA233	05					168 9					CX35CA	07	C237K0	01	5	TS8	A1	03B		
07227		XA407	36		XA423	38		168 9					CX36CA	01	CMONDO	01	1	TQ4	C2	17A		
07228		XA423	38		XA343	61		168 9					CX36CA	02	CX36CA	00	1	TQ2	C1	18A	REF/REH	
07229		XA343	61		XA232	79		168 9					CX36CA	03	CT06J0	01	8	TS8	E1	32B		
07230		XA232	79		XA230	20		168 9					CX36CA	04	C232G0	01	1	TQ2	F1	39B		
07231		XA230	20		XA241	06		168 9					CX36CA	05	CQATC0	01	1	TQ4	B2	11A		
07232		XA241	06		XA244	37		168 9					CX36CA	06	C214M0	01	3	TS8	A1	05A		
07233		XA244	37					168 9					CX36CA	07	C200W0	01	3	TT3	C3	18B		
07236		XA407	34		XA423	30		168 9					CX37CA	01	CMONDO	01	2	TQ4	C2	16A		
07237		XA423	30		XA343	55		168 9					CX37CA	02	CX37CA	00	1	TQ2	C2	15A	RNF/RNH	
07238		XA343	55		XA232	73		168 9					CX37CA	03	CT06J0	01	7	TS8	E1	29B		
07239		XA232	73		XA244	33		168 9					CX37CA	04	C232H0	01	1	TQ2	F2	36B		
07240		XA244	33		XA241	01		168 9					CX37CA	05	C200W0	01	1	TT3	C3	16B		
07241		XA241	01					168 9					CX37CA	06	C214M0	01	6	TS8	A1	02B		
07244		XA443	06		XA427	19		168 9					CX4XAA	01	C404L0	01	3	TS8	A1	05A		
													**** SIGNAL (CX4XAA) IS ON THE NEXT PAGE ****									

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

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RECORD NUMBER	FROM			TO			WIRE				SIGNAL	SFD NO	EQUATION	3 RWT	SOLUBLE	CMT 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											
07245		XA427	19		XA425	18			16B	9			CX4XAA	02	CX4XAA	00	1	TT3	B2		09B
07246		XA425	18		XA425	11			16B	9			CX4XAA	03	CX4XAO	01	2	TQ2	B2		10A
07247		XA425	11		XA425	07			16B	9			CX4XAA	04	CX4XDJ	01	1	TJ2	A4		09B
07248		XA425	07		XA307	34			16B	9			CX4XAA	05	CX4XCJ	01	2	TQ2	A3		03A
07249		XA307	34		XA404	48			16B	9			CX4XAA	06	CQC170	01	2	TQ4	C2		18A
07250		XA404	48						16B	9			CX4XAA	07	C614E0	01	5	TS8	01		22A
07251		XA425	14		XA420	18			16B	9			CX4XAO	01	CX4XAO	00	1	TQ2	B2		09A
07252		XA420	18		XA420	25			16B	9			CX4XAO	02	C040CA	01	1	TT3	B2		10A
07253		XA420	25		XA420	29			16B	9			CX4XAO	03	C041CA	01	3	TT3	B3		12B
07254		XA420	29		XA420	35			16B	9			CX4XAO	04	C043CA	01	3	TT3	C2		14B
07255		XA420	35		XA420	40			16B	9			CX4XAO	05	C044CA	01	2	TT3	C3		17B
07256		XA420	40		XA420	46			16B	9			CX4XAO	06	C042CA	01	2	TT3	C1		19A
07257		XA420	46		XA420	47			16B	9			CX4XAO	07	C046CA	01	2	TT3	D2		21A
07258		XA420	47		XA420	52			16B	9			CX4XAO	08	C047CA	01	2	TT3	D3		25B
07259		XA420	52		XA423	70			16B	9			CX4XAO	09	C045CA	01	3	TT3	D1		24A
07260		XA423	70						16B	9			CX4XAO	10	CX44CA	01	1	TQ2	E1		33A
07261		XA425	09		XA417	49			16B	9			CX4XC0	01	CX4XC0	00	1	TQ2	A3		04B
07262		XA417	49		XA417	60			16B	9			CX4XC0	02	C140CA	01	3	TT3	D3		26B
07263		XA417	60		XA417	59			16B	9			CX4XC0	03	C144CA	01	2	TT3	E2		28A
07264		XA417	59		XA417	70			16B	9			CX4XC0	04	C145CA	01	2	TT3	E3		31B
07265		XA417	70		XA417	71			16B	9			CX4XC0	05	C141CA	01	1	TT3	E1		33A
07266		XA417	71		XA417	79			16B	9			CX4XC0	06	C147CA	01	1	TT3	F2		36A
07267		XA417	79						16B	9			CX4XC0	07	C146CA	01	1	TT3	F1		39B
07268		XA425	15		XA423	31			16B	9			CX4XD0	01	CX4XD0	00	1	TQ2	A4		07B
07269		XA423	31		XA423	41			16B	9			CX4XD0	02	CX40CA	01	2	TQ2	C3		15B
07270		XA423	41		XA423	49			16B	9			CX4XD0	03	CX42CA	01	1	TQ2	D3		22B
07271		XA423	49		XA423	56			16B	9			CX4XD0	04	CX43CA	01	2	TQ2	D4		26B
07272		XA423	56		XA423	62			16B	9			CX4XD0	05	CX41CA	01	1	TQ2	D1		25A
07273		XA423	62		XA423	59			16B	9			CX4XD0	06	CX45CA	01	2	TQ2	E2		29A
07274		XA423	59		XA423	71			16B	9			CX4XD0	07	CX46CA	01	1	TQ2	E4		31B
07275		XA423	71						16B	9			CX4XD0	08	CX47CA	01	2	TQ2	F2		36A
07276		XA535	73		XA338	70			16B	9			CX40CA	01	C0M3C0	01	1	TQ2	F2		36B
07277		XA338	70		XA442	19			16B	9			CX40CA	02	CYE2E0	01	1	TS8	E1		35A
07278		XA442	19		XA439	26			16B	9			CX40CA	03	C404M0	01	7	TS8	B1		09B
07279		XA439	26		XA436	48			16B	9			CX40CA	04	C450J0	01	1	TS8	B1		14A
07280		XA436	48		XA425	76			16B	9			CX40CA	05	C458G0	01	5	TS8	D1		22A
07281		XA425	76		XA423	33			16B	9			CX40CA	06	CX40C0	01	1	TQ2	F4		37A
07282		XA423	33		XA312	24			16B	9			CX40CA	07	CX40CA	00	1	TQ2	C3		16B
07283		XA312	24		XA309	72			16B	9			CX40CA	08	C308E0	01	2	TQ4	B1		13A
07284		XA309	72		XA301	75			16B	9			CX40CA	09	C310G0	01	6	TS8	F1		34A
07285		XA301	75						16B	9			CX40CA	10	C308J0	01	3	TS8	F1		37B
07288		XA425	80		XA423	37			16B	9			CX40C0	01	CX40C0	00	1	TQ2	F4		39A
07289		XA423	37						16B	9			CX40C0	02	CX40EA	01	2	TQ2	C4		18B
07290		XA536	64		XA539	37			16B	9			CX40EA	01	C527E0	01	4	TS8	E1		30A
									****	SIGNAL			CX40EA		IS ON THE			NEXT PAGE		****	

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RECORD NUMBER	FROM				TO				WIRE				SIGNAL	SEQ NO	EQUATION	TERM	S FACT	CMT OR CHIP TYPE	MOP	LOAD OR POWER PLANE	TEST POINTS AND OP	SIGNAL DESCRIPTION	ECO NO	
	PREFIX	CONNECTOR	PIN	C	PREFIX	CONNECTOR	PIN	C	MULTI GROUP	CODE	COL	IR												IDENT
07291		XA539	37		XA423	39				168	9			CX40EA	02	C511E0	01	8	TS8	C1	18B			
07292		XA423	39		XA407	06				168	9			CX40EA	03	CX40EA	00	1	TQ2	C4	19B			
07293		XA407	06		XA304	79				168	9			CX40EA	04	C615EA	01	3	TD4	A1	05A			
07294		XA304	79		XA233	13				168	9			CX40EA	05	C612M0	01	1	TS8	F1	39B			
07295		XA233	13		XA237	30				168	9			CX40EA	06	C237K0	01	8	TS8	A1	08B			
07296		XA237	30							168	9			CX40EA	07	C220E0	01	6	TS8	C1	15A			
07301		XA547	73		XA423	52				168	9			CX41CA	01	COM2F0	01	4	TS8	F1	36B			
07302		XA423	52		XA430	10				168	9			CX41CA	02	CX41CA	00	1	TQ2	D1	24A	LDU/LDL		
07303		XA430	10		XA437	37				168	9			CX41CA	03	CX41C0	01	1	TQ2	A1	07A			
07304		XA437	37		XA437	08				168	9			CX41CA	04	C457V0	01	4	TD4	C1	18B			
07305		XA437	08		XA439	14				168	9			CX41CA	05	C462HA	01	2	TD4	A1	06A			
07306		XA439	14		XA442	18				168	9			CX41CA	06	C450J0	01	6	TS8	B1	09A			
07307		XA442	18		XA338	60				168	9			CX41CA	07	C404M0	01	5	TS8	B1	10A			
07308		XA338	60		XA231	13				168	9			CX41CA	08	C7E2E0	01	6	TS8	E1	28A			
07309		XA231	13							168	9			CX41CA	09	C237R0	01	8	TS8	A1	06B			
07312		XA430	06		XA423	48				168	9			CX41C0	01	CX41C0	00	1	TQ2	A1	05A			
07313		XA423	48							168	9			CX41C0	02	CX41EA	01	2	TQ2	D2	22A			
07314		XA541	05		XA423	46				168	9			CX41EA	01	C521J0	01	2	TQ2	A2	03B			
07315		XA423	46		XA312	26				168	9			CX41EA	02	CX41EA	00	1	TQ2	D2	21A			
07316		XA312	26		XA309	71				168	9			CX41EA	03	C306E0	01	1	TD4	B1	14A			
07317		XA309	71		XA301	71				168	9			CX41EA	04	C310G0	01	5	TS8	F1	36A			
07318		XA301	71		XA301	34				168	9			CX41EA	05	C308J0	01	5	TS8	F1	38A			
07319		XA301	34							168	9			CX41EA	06	C612G0	01	5	TS8	C1	16A			
07320		XA539	43		XA430	04				168	9			CX42CA	01	C510E0	01	7	TS8	D1	23B			
07321		XA430	04		XA423	45				168	9			CX42CA	02	CX42C0	01	1	TQ2	A2	04A	LAF/LAH		
07322		XA423	45		XA312	25				168	9			CX42CA	03	CX42CA	00	1	TQ2	D3	24B			
07323		XA312	25		XA301	72				168	9			CX42CA	04	C306E0	01	4	TD4	B1	12B			
07324		XA301	72		XA237	48				168	9			CX42CA	05	C308J0	01	6	TS8	F1	34A			
07325		XA237	48		XA245	04				168	9			CX42CA	06	C224H0	01	5	TS8	D1	22A			
07326		XA245	04							168	9			CX42CA	07	C203H0	01	1	TQ2	A2	04A			
07335		XA526	66		XA310	61				168	9			CX42C0	01	CN137A	01	3	TT3	E1	31A			
07336		XA310	61		XA316	77				168	9			CX42C0	02	C337DA	01	3	TT3	E3	32B			
07337		XA316	77		XA430	01				168	9			CX42C0	03	C309DA	01	2	TQ2	F1	38B			
07338		XA430	01		XA238	48				168	9			CX42C0	04	CX42C0	00	1	TQ2	A2	02B			
07339		XA238	48		XA132	37				168	9			CX42C0	05	C225CA	01	2	TQ2	D2	22A			
07340		XA132	37		XA132	14				168	9			CX42C0	06	CR026A	01	3	TT3	C3	18B			
07341		XA132	14							168	9			CX42C0	07	CR027A	01	2	TT3	B2	09A			
07342		XA539	49		XA423	51				168	9			CX43CA	01	C510E0	01	8	TS8	D1	26B	LCF/LCH		
07343		XA423	51		XA309	60				168	9			CX43CA	02	CX43CA	00	1	TQ2	D4	27B			
07344		XA309	60		XA310	24				168	9			CX43CA	03	C336G0	01	6	TS8	E1	28A			
07345		XA310	24		XA312	22				168	9			CX43CA	04	CQC140	01	2	TT3	B1	13A			
07346		XA312	22		XA313	61				168	9			CX43CA	05	C306E0	01	3	TD4	B1	12A			
07347		XA313	61		XA237	50				168	9			CX43CA	06	C308K0	01	8	TS8	E1	32B			
07348		XA237	50		XA245	05				168	9			CX43CA	07	C224H0	01	4	TS8	D1	23A			
										****		SIGNAL	CX43CA		IS ON THE							****		

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RECORD NUMBER	FROM				TO				WIRE			SIGNAL	SFC NO	EQUATION	S	B	CMT OR CHIP TYPE	GROUP	LOAD FOR POWER PLANE	TEST POINTS AND/OR	SIGNAL DESCRIPTION	ECO NO
	PREFIX	CONNECTOR	PIN	WIRE	PREFIX	CONNECTOR	PIN	WIRE	CODE	COLOR	IDENT											
07349		XA245	05					168	9			CX43CA	08	C203H0	01	2	TQ2	A2		03B		
07354		XA423	66		XA313	24		168	9			CX44CA	01	CX44CA	00	1	TQ2	E1		31A	LMH/SMH	
07355		XA313	24		XA338	04		168	9			CX44CA	02	C307D0	01	2	TS8	B1		13A		
07356		XA338	04					168	9			CX44CA	03	C7E2D0	01	4	TS8	A1		04A		
07359		XA536	78		XA442	78		168	9			CX45CA	01	CQ46C0	01	8	TS8	F1		38A		
07360		XA442	78		XA437	75		168	9			CX45CA	02	C424L0	01	8	TS8	F1		38A		
07361		XA437	75		XA436	30		168	9			CX45CA	03	C457P0	01	3	TD4	F1		37B		
07362		XA436	30		XA437	40		168	9			CX45CA	04	C451K0	01	6	TS8	C1		15A		
07363		XA437	40		XA442	25		168	9			CX45CA	05	C457V0	01	2	TD4	C1		19A		
07364		XA442	25		XA430	07		168	9			CX45CA	06	C404M0	01	8	TS8	B1		12B		
07365		XA430	07		XA423	60		168	9			CX45CA	07	CX45CA	01	2	TQ2	A3		03A		
07366		XA423	60		XA407	22		168	9			CX45CA	08	CX45CA	00	1	TQ2	E2		28A	SDU/SDL	
07367		XA407	22		XA304	56		168	9			CX45CA	09	CMONE0	01	3	TD4	B1		12A		
07368		XA304	56		XA339	31		168	9			CX45CA	10	CQ070	01	1	TS8	D1		26A		
07369		XA339	31					168	9			CX45CA	11	C7E3E0	01	7	TS8	C1		15B		
07372		XA430	09		XA423	53		168	9			CX45CA	01	CX45CA	00	1	TQ2	A3		04B		
07373		XA423	53					168	9			CX45CA	02	CX45EA	01	1	TQ2	E3		28B		
07374		XA546	54		XA542	22		168	9			CX45EA	01	C510N0	01	2	TD4	D1		25A		
07375		XA542	22		XA535	05		168	9			CX45EA	02	C505G0	01	3	TS8	B1		12A		
07376		XA535	05		XA423	57		168	9			CX45EA	03	C522H0	01	2	TQ2	A2		03B		
07377		XA423	57		XA301	30		168	9			CX45EA	04	CX45EA	00	1	TQ2	E3		30B		
07378		XA301	30					168	9			CX45EA	05	C612G0	01	6	TS8	C1		15A		
07381		XA304	30		XA313	26		168	9			CX46CA	01	CQ080	01	6	TS8	C1		15A		
07382		XA313	26		XA315	75		168	9			CX46CA	02	C307D0	01	1	TS8	B1		14A		
07383		XA315	75		XA407	24		168	9			CX46CA	03	C310E0	01	3	TT3	F1		37B		
07384		XA407	24		XA423	63		168	9			CX46CA	04	CMONE0	01	2	TD4	B1		13A		
07385		XA423	63		XA430	13		168	9			CX46CA	05	CX46CA	00	1	TQ2	E4		33B	SDF/SDH	
07386		XA430	13		XA338	74		168	9			CX46CA	06	CX46C0	01	2	TQ2	A4		06B		
07387		XA338	74		XA239	36		168	9			CX46CA	07	C7E2F0	01	7	TS8	F1		35B		
07388		XA239	36		XA241	04		168	9			CX46CA	08	C237J0	01	1	TD4	C2		17A		
07389		XA241	04					168	9			CX46CA	09	C214M0	01	4	TS8	A1		04A		
07390		XA430	15		XA423	77		168	9			CX46C0	01	CX46C0	00	1	TQ2	A4		07B		
07391		XA423	77					168	9			CX46C0	02	CX46EA	01	2	TQ2	F1		38B		
07392		XA540	49		XA544	06		168	9			CX46EA	01	C519F0	01	3	TT3	D3		26B		
07393		XA544	06		XA442	61		168	9			CX46EA	02	C505E0	01	3	TT3	A1		05A		
07394		XA442	61		XA439	36		168	9			CX46EA	03	C424K0	01	8	TS8	E1		32B		
07395		XA439	36		XA423	75		168	9			CX46EA	04	C457M0	01	4	TS8	C1		17A		
07396		XA423	75					168	9			CX46EA	05	CX46EA	00	1	TQ2	F1		37B		
07397		XA338	79		XA442	70		168	9			CX47CA	01	C7E2F0	01	1	TS8	F1		39B		
07398		XA442	70		XA544	08		168	9			CX47CA	02	C424K0	01	1	TS8	E1		33A		
07399		XA544	08		XA540	47		168	9			CX47CA	03	C505E0	01	2	TT3	A1		06A		
07400		XA540	47		XA423	72		168	9			CX47CA	04	C519F0	01	2	TT3	D3		25B		
								****		SIGNAL	CX47CA			S ON THE					****			

DRAWING NUMBER 149011-800
 UNIT ASSEMBLY NAME CARD CAGE ASSY, CPU R.H.

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UNIT ASSEMBLY NO. 149011
 FILE IDENT T3982CP2

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RECORD NUMBER	FROM			TO			WIRE			SIGNAL	SEQ NO	EQUATION	T	S	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
07401		XA423	72		XA406	53		168	9		CX47CA	05	CX47CA	00	1	TQ2	F2	34A	MZF/MZH		
07402		XA406	53		XA407	26		168	9		CX47CA	06	C621H0	01	1	TQ2	E3	28B			
07403		XA407	26		XA304	36		168	9		CX47CA	07	CHONE0	01	1	TD4	B1	14A			
07404		XA304	36					168	9		CX47CA	08	CQP080	01	4	TS8	C1	17A			
07405		XA427	27		XA425	23		168	9		CX5XAA	01	CX5XAA	00	1	TT3	B3	13B			
07406		XA425	23		XA425	19		168	9		CX5XAA	02	CX5XCO	01	1	TQ2	B4	11B			
07407		XA425	19					168	9		CX5XAA	03	CX5XAO	01	2	TQ2	B3	09B			
07408		XA420	75		XA420	70		168	9		CX5XAO	01	C057CA	01	3	TT3	F1	37B			
07409		XA420	70		XA420	57		168	9		CX5XAO	02	C055CA	01	1	TT3	E1	33A			
07410		XA420	57		XA420	53		168	9		CX5XAO	03	C056DA	01	1	TT3	E3	30B			
07411		XA420	53		XA425	21		168	9		CX5XAO	04	C056CA	01	3	TT3	E2	28B			
07412		XA425	21		XA343	78		168	9		CX5XAO	05	CX5XAO	00	1	TQ2	B3	10B			
07413		XA343	78					168	9		CX5XAO	06	CTRIQA	01	8	TS8	F1	38A			
07414		XA417	76		XA427	69		168	9		CX5XCO	01	C155CA	01	2	TT3	F3	37A			
07415		XA427	69		XA427	65		168	9		CX5XCO	02	CX56CA	01	1	TT3	F3	35A			
07416		XA427	65		XA425	27		168	9		CX5XCO	03	CX55CA	01	3	TT3	F2	34B			
07417		XA425	27		XA421	10		168	9		CX5XCO	04	CX5XCO	00	1	TQ2	B4	13B			
07418		XA421	10		XA416	06		168	9		CX5XCO	05	CX57CA	01	1	TQ2	A1	07A			
07419		XA416	06		XA416	05		168	9		CX5XCO	06	C156CA	01	3	TT3	A1	05A			
07420		XA416	05					168	9		CX5XCO	07	C157CA	01	1	TT3	A2	03B			
07421		XA546	74		XA536	60		168	9		CX55CA	01	CQW7CA	01	4	TD4	F2	35B			
07422		XA536	60		XA539	42		168	9		CX55CA	02	C527E0	01	6	TS8	E1	28A			
07423		XA539	42		XA542	19		168	9		CX55CA	03	C511E0	01	1	TS8	C1	20A			
07424		XA542	19		XA442	79		168	9		CX55CA	04	C505G0	01	7	TS8	B1	09B			
07425		XA442	79		XA436	68		168	9		CX55CA	05	C424L0	01	1	TS8	F1	39B			
07426		XA436	68		XA430	55		168	9		CX55CA	06	C462F0	01	2	TS8	E1	32A			
07427		XA430	55		XA427	74		168	9		CX55CA	07	CX55CO	01	2	TQ2	E3	29B			
07428		XA427	74		XA343	72		168	9		CX55CA	08	CX55CA	00	1	TT3	F2	35B	MIU/MIL		
07429		XA343	72		XA339	38		168	9		CX55CA	09	CTRIQA	01	6	TS8	F1	34A			
07430		XA339	38					168	9		CX55CA	10	C7E3E0	01	3	TS8	C1	18A			
07433		XA541	03		XA441	70		168	9		CX55CO	01	C521MA	01	1	TQ2	A3	02A			
07434		XA441	70		XA430	57		168	9		CX55CO	02	C454FA	01	1	TQ2	E1	33A			
07435		XA430	57		XA423	65		168	9		CX55CO	03	CX55CO	00	1	TQ2	E3	30B			
07436		XA423	65		XA401	25		168	9		CX55CO	04	CX55EA	01	1	TQ2	F3	34B			
07437		XA401	25		XA406	23		168	9		CX55CO	05	C606FA	01	3	TT3	B3	12B			
07438		XA406	23		XA306	41		168	9		CX55CO	06	C614JA	01	1	TQ2	B4	11B			
07439		XA306	41		XA206	08		168	9		CX55CO	07	C357CA	01	1	TQ2	D3	22B			
07440		XA206	08					168	9		CX55CO	08	CSE0EA	01	2	TQ2	A1	04A			
07441		XA423	69		XA406	70		168	9		CX55EA	01	CX55EA	00	1	TQ2	F3	35A			
07442		XA406	70		XA401	49		168	9		CX55EA	02	C621M0	01	1	TQ2	E1	33A			
07443		XA401	49		XA304	71		168	9		CX55EA	03	C614F0	01	3	TT3	D3	24B			
07444		XA304	71		XA304	37		168	9		CX55EA	04	C612M0	01	5	TS8	F1	36A			
07445		XA304	37					168	9		CX55EA	05	CQP080	01	8	TS8	C1	18B			
										***	SIGNAL	CX56CA					IS ON THE	NEXT PAGE	***		

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RECORD NUMBER	FROM			TO			WIRE			MULTI GROUP	CODE	COLOR	IDENT	SIGNAL	SFC NO	EQUATION	TERMIN	FACTOR	CMT OR CHIP TYPE	GROUP	LOAD OR POWER PLANE	TEST POINTS AND/OR	SIGNAL DESCRIPTION	ECO NO
	PREFIX	CONNECTOR	PIN	PREFIX	CONNECTOR	PIN	WIRE	WIRE	WIRE															
07446		XA306	10		XA313	25		168	9				CX56CA	01	CQCNC0	01	1	TQ2	A1		07A			
07447		XA313	25		XA312	77		168	9				CX56CA	02	C307D0	01	8	TS8	B1		12B			
07448		XA312	77		XA407	19		168	9				CX56CA	03	C310J0	01	2	TD4	F1		38B			
07449		XA407	19		XA401	45		168	9				CX56CA	04	CMONF0	01	4	TD4	B2		09B			
07450		XA401	45		XA427	80		168	9				CX56CA	05	C614F0	01	1	TT3	D3		24B			
07451		XA427	80		XA428	76		168	9				CX56CA	06	CX56CA	00	1	TT3	F3		39A	EXF/EXH		
07452		XA428	76		XA343	71		168	9				CX56CA	07	CX56C0	01	1	TQ2	F4		37A			
07453		XA343	71		XA339	46		168	9				CX56CA	08	CTRIQA	01	5	TS8	F1		36A			
07454		XA339	46		XA241	10		168	9				CX56CA	09	C7E4D0	01	6	TS8	D1		21A			
07455		XA241	10		XA233	01		168	9				CX56CA	10	C214M0	01	1	TS8	A1		07A			
07456		XA233	01					168	9				CX56CA	11	C237K0	01	6	TS8	A1		02B			
07461		XA423	78		XA428	80		168	9				CX56C0	01	CX56EA	01	2	TQ2	F4		38A			
07462		XA428	80		XA234	49		168	9				CX56C0	02	CX56C0	00	1	TQ2	F4		39A			
07463		XA234	49					168	9				CX56C0	03	C236EA	01	2	TQ2	D4		24B			
07464		XA546	52		XA542	18		168	9				CX56EA	01	C510N0	01	3	TD4	D1		24A			
07465		XA542	18		XA446	56		168	9				CX56EA	02	C505G0	01	5	TS8	B1		10A			
07466		XA446	56		XA442	72		168	9				CX56EA	03	C404R0	01	1	TT3	D1		28A			
07467		XA442	72		XA436	73		168	9				CX56EA	04	C424L0	01	6	TS8	F1		34A			
07468		XA436	73		XA437	61		168	9				CX56EA	05	C462K0	01	4	TS8	F1		36B			
07469		XA437	61		XA436	56		168	9				CX56EA	06	C450Q0	01	4	TD4	E1		32B			
07470		XA436	56		XA439	42		168	9				CX56EA	07	C458G0	01	1	TS8	D1		26A			
07471		XA439	42		XA443	10		168	9				CX56EA	08	C457M0	01	1	TS8	C1		20A			
07472		XA443	10		XA423	80		168	9				CX56EA	09	C404L0	01	1	TS8	A1		07A			
07473		XA423	80					168	9				CX56EA	10	CX56EA	00	1	TQ2	F4		39A			
07474		XA536	73		XA539	56		168	9				CX57CA	01	CQ44C0	01	4	TS8	F1		36B			
07475		XA539	56		XA546	37		168	9				CX57CA	02	C510E0	01	1	TS8	D1		26A			
07476		XA546	37		XA343	70		168	9				CX57CA	03	C506E0	01	4	TD4	C1		18B			
07477		XA343	70		XA421	06		168	9				CX57CA	04	CT06J0	01	1	TS8	E1		33A			
07478		XA421	06		XA401	47		168	9				CX57CA	05	CX57CA	00	1	TQ2	A1		05A			
07479		XA401	47		XA407	20		168	9				CX57CA	06	C614F0	01	2	TT3	D3		25B			
07480		XA407	20		XA304	54		168	9				CX57CA	07	CMONF0	01	1	TD4	B2		11A			
07481		XA304	54		XA301	38		168	9				CX57CA	08	CQP070	01	2	TS8	D1		25A			
07482		XA301	38					168	9				CX57CA	09	C612G0	01	3	TS8	C1		18A			
07483		XA443	08		XA427	36		168	9				CX6XAA	01	C404L0	01	2	TS8	A1		06A			
07484		XA427	36		XA425	40		168	9				CX6XAA	02	CX6XAA	00	1	TT3	C1		17A			
07485		XA425	40		XA425	36		168	9				CX6XAA	03	CX6XAO	01	2	TQ2	C1		19A			
07486		XA425	36		XA425	31		168	9				CX6XAA	04	CX6XCO	01	1	TQ2	C2		17A			
07487		XA425	31					168	9				CX6XAA	05	CX6XDO	01	2	TQ2	C3		15B			
07488		XA420	76		XA420	71		168	9				CX6XAO	01	C062CA	01	2	TT3	F3		37A			
07489		XA420	71		XA425	38		168	9				CX6XAO	02	C061CA	01	1	TT3	F2		36A			
07490		XA425	38		XA418	22		168	9				CX6XAO	03	CX6XAO	00	1	TQ2	C1		18A			
07491		XA418	22		XA418	18		168	9				CX6XAO	04	C066CA	01	3	TT3	B1		12A			
07492		XA418	18		XA418	06		168	9				CX6XAO	05	C067CA	01	1	TT3	B2		10A			
07493		XA418	06		XA418	09		168	9				CX6XAO	06	C063CA	01	3	TT3	A1		05A			
07494		XA418	09		XA418	01		168	9				CX6XAO	07	C065CA	01	1	TT3	A3		04B			
								****				SIGNAL	(CX6XAO)		IS ON THE						NEXT PAGE	****		

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RECORD NUMBER	FROM				TO				MULTI GROUP	CODE	COLOR	IDENT	SIGNAL	SEQ NO	EQUATION	TERM	FACTOR	CKT OR CHIP TYPE	GROUP	LOAD OR POWER PLANE	TEST POINTS AND OP	SIGNAL DESCRIPTION	ECO NO	
	PREFIX	CONNECTOR	PIN	WIRE	PREFIX	CONNECTOR	PIN	WIRE																
07495		XA418	01						168	9			CX6XA0	08	C064CA	01	2	TT3	A2		02B			
07496		XA425	30		XA416	52			168	9			CX6XC0	01	CX6XC0	00	1	TQ2	C2		15A			
07497		XA416	52		XA416	42			168	9			CX6XC0	02	C167CA	01	3	TT3	D1		24A			
07498		XA416	42		XA416	35			168	9			CX6XC0	03	C164CA	01	1	TT3	C1		20A			
07499		XA416	35		XA416	30			168	9			CX6XC0	04	C166CA	01	2	TT3	C3		17B			
07500		XA416	30		XA416	24			168	9			CX6XC0	05	C165CA	01	2	TT3	C2		15A			
07501		XA416	24		XA416	23			168	9			CX6XC0	06	C161CA	01	2	TT3	B1		13A			
07502		XA416	23		XA416	17			168	9			CX6XC0	07	C163CA	01	2	TT3	B3		11B			
07503		XA416	17		XA416	11			168	9			CX6XC0	08	C162CA	01	3	TT3	B2		08B			
07504		XA416	11						168	9			CX6XC0	09	C160CA	01	2	TT3	A3		05B			
07507		XA437	43		XA425	33			168	9			CX6XD0	01	C457TA	01	4	TQ4	D2		23B			
07508		XA425	33		XA421	24			168	9			CX6XD0	02	CX6XD0	00	1	TQ2	C3		16B			
07509		XA421	24		XA421	20			168	9			CX6XD0	03	CX64CA	01	2	TQ2	B1		13A			
07510		XA421	20		XA421	17			168	9			CX6XD0	04	CX65CA	01	1	TQ2	B2		11A			
07511		XA421	17		XA421	13			168	9			CX6XD0	05	CX67CA	01	1	TQ2	B3		08B			
07512		XA421	13		XA421	05			168	9			CX6XD0	06	CX63CA	01	2	TQ2	A4		06B			
07513		XA421	05		XA421	03			168	9			CX6XD0	07	CX60CA	01	2	TQ2	A2		03B			
07514		XA421	03		XA230	06			168	9			CX6XD0	08	CX62CA	01	1	TQ2	A3		02A			
07515		XA230	06						168	9			CX6XD0	09	C237PA	01	3	TQ4	A1		05A			
07516		XA339	19		XA421	01			168	9			CX60CA	01	CTE2G0	01	7	T58	B1		09B			
07517		XA421	01		XA315	25			168	9			CX60CA	02	CX60CA	00	1	TQ2	A2		02B			
07518		XA315	25		XA301	46			168	9			CX60CA	03	C345E0	01	3	TT3	B3		12B			
07519		XA301	46		XA202	55			168	9			CX60CA	04	C612K0	01	6	T58	D1		21A			
07520		XA202	55						168	9			CX60CA	05	CLC4E0	01	7	T58	E1		29B			
07521		XA301	50		XA421	09			168	9			CX62CA	01	C612K0	01	4	T58	D1		23A			
07522		XA421	09		XA439	30			168	9			CX62CA	02	CX62CA	00	1	TQ2	A3		04B	XEF/XUF		
07523		XA439	30		XA339	26			168	9			CX62CA	03	C457M0	01	6	T58	C1		15A			
07524		XA339	26		XA245	36			168	9			CX62CA	04	CTE2G0	01	1	T58	B1		14A			
07525		XA245	36						168	9			CX62CA	05	C200U0	01	1	TQ2	C2		17A			
07526		XA301	52		XA421	15			168	9			CX63CA	01	C612K0	01	3	T58	D1		24A			
07527		XA421	15		XA439	31			168	9			CX63CA	02	CX63CA	00	1	TQ2	A4		07B	XPF/XNF		
07528		XA439	31		XA339	24			168	9			CX63CA	03	C457M0	01	7	T58	C1		15B			
07529		XA339	24		XA245	34			168	9			CX63CA	04	CTE2G0	01	2	T58	B1		13A			
07530		XA245	34						168	9			CX63CA	05	C200U0	01	2	TQ2	C2		16A			
07531		XA301	56		XA421	22			168	9			CX64CA	01	C612K0	01	1	T58	D1		26A			
07532		XA421	22		XA232	68			168	9			CX64CA	02	CX64CA	00	1	TQ2	B1		12A	XDO/XDT		
07533		XA232	68		XA232	50			168	9			CX64CA	03	CQ46C0	01	2	TQ2	E1		32A			
07534		XA232	50		XA245	29			168	9			CX64CA	04	C235D0	01	1	TQ2	D2		23A			
07535		XA245	29						168	9			CX64CA	05	C200V0	01	1	TQ2	C3		14B			
07538		XA301	54		XA421	14			168	9			CX65CA	01	C612K0	01	2	T58	D1		25A			
07539		XA421	14		XA232	70			168	9			CX65CA	02	CX65CA	00	1	TQ2	B2		09A	XIO/XIT		
07540		XA232	70		XA245	31			168	9			CX65CA	03	CQ46C0	01	1	TQ2	E1		33A			
07541		XA245	31						168	9			CX65CA	04	C200V0	01	2	TQ2	C3		15B			

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RECORD NUMBER	FROM				TO				WIRE		MULTI GROUP	CODE	COLOR	IDENT	SIGNAL	SEQ NO	EQUATION	Z TERM	FACE	CMT OR CHIP TYPE	GROUP	LOAD OR POWER PLANE	TEST POINTS AND/OR	SIGNAL DESCRIPTION	ECO NO	
	PREFIX	CONNECTOR	PIN	WIRE	PREFIX	CONNECTOR	PIN	WIRE																		
07544		XA535	71		XA314	31		168	9																	
07545		XA314	31		XA407	18		168	9																	
07546		XA407	18		XA421	21		168	9																	
07547		XA421	21		XA429	37		168	9																	
07548		XA429	37		XA339	37		168	9																	
07549		XA339	37		XA231	72		168	9																	
07550		XA231	72		XA231	43		168	9																	
07551		XA231	43		XA230	08		168	9																	
07552		XA230	08		XA238	18		168	9																	
07553		XA238	18					168	9																	
07556		XA429	35		XA421	40		168	9																	
07557		XA421	40		XA421	25		168	9																	
07558		XA421	25					168	9																	
07559		XA540	77		XA536	55		168	9																	
07560		XA536	55		XA539	40		168	9																	
07561		XA539	40		XA542	46		168	9																	
07562		XA542	46		XA436	60		168	9																	
07563		XA436	60		XA437	50		168	9																	
07564		XA437	50		XA421	27		168	9																	
07565		XA421	27					168	9																	
07566		XA310	69		XA306	59		168	9																	
07567		XA306	59		XA304	73		168	9																	
07568		XA304	73		XA401	01		168	9																	
07569		XA401	01		XA407	10		168	9																	
07570		XA407	10		XA404	62		168	9																	
07571		XA404	62		XA421	38		168	9																	
07572		XA421	38		XA243	78		168	9																	
07573		XA243	78		XA242	66		168	9																	
07574		XA242	66					168	9																	
07577		XA427	31		XA425	37		168	9																	
07578		XA425	37		XA425	50		168	9																	
07579		XA425	50		XA425	54		168	9																	
07580		XA425	54					168	9																	
07581		XA425	39		XA418	54		168	9																	
07582		XA418	54		XA418	41		168	9																	
07583		XA418	41		XA418	40		168	9																	
07584		XA418	40		XA418	35		168	9																	
07585		XA418	35		XA418	29		168	9																	
07586		XA418	29		XA418	25		168	9																	
07587		XA418	25					168	9																	
07588		XA425	52		XA416	48		168	9																	
07589		XA416	48		XA416	49		168	9																	
								****						SIGNAL												
														CX7XC0		IS ON THE										
																NEXT PAGE										

DRAWING NUMBER 149011-800
 UNIT ASSEMBLY NAME CARD CAGE ASSY,CPU R.H.

STRING

UNIT ASSEMBLY NO 149011
 FILE IDENT T39B2CP2

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RECORD NUMBER	FROM				TO				MULTI-BROU	WIRE	JEN	SIGNAL	SEQ NO	EQUATION	3 YER	FACTOR	CXT OR CHIP TYPE	GROUP	LOAD OR POWER PLANE	TEST POINTS AND/OR	SIGNAL DESCRIPTION	ECO NO
	PREFIX	CONNECTOR	PIN	WIRE	PREFIX	CONNECTOR	PIN	WIRE														
07590		XA416	49		XA416	53		168	9		CX7XC0	03	CI71CA	01	3	TT3	D3		26B			
07591		XA416	53		XA416	59		168	9		CX7XC0	04	CI73CA	01	3	TT3	E2		26B			
07592		XA416	59		XA416	68		168	9		CX7XC0	05	CI74CA	01	2	TT3	E3		31B			
07593		XA416	68		XA416	77		168	9		CX7XC0	06	CI72CA	01	2	TT3	E1		32A			
07594		XA416	77					168	9		CX7XC0	07	CI75CA	01	2	TT3	F1		38B			
07595		XA429	31		XA425	46		168	9		CX7XD0	01	CX70CA	01	4	T04	C2		15B			
07596		XA425	46		XA421	54		168	9		CX7XD0	02	CX7XD0	00	1	TQ2	D2		21A			
07597		XA421	54		XA421	49		168	9		CX7XD0	03	CX74CA	01	2	TQ2	D1		25A			
07598		XA421	49		XA421	50		168	9		CX7XD0	04	CX77CA	01	2	TQ2	D4		26B			
07599		XA421	50		XA421	41		168	9		CX7XD0	05	CX75CA	01	1	TQ2	D2		23A			
07600		XA421	41		XA421	35		168	9		CX7XD0	06	CX76CA	01	1	TQ2	D3		22B			
07601		XA421	35		XA421	31		168	9		CX7XD0	07	CX72CA	01	1	TQ2	C4		17B			
07602		XA421	31					168	9		CX7XD0	08	CX71CA	01	2	TQ2	C3		15B			
07603		XA547	78		XA541	77		168	9		CX70CA	01	COM2F0	01	8	TS8	F1		38A			
07604		XA541	77		XA542	49		168	9		CX70CA	02	C512J0	01	2	TQ2	F1		38B			
07605		XA542	49		XA429	33		168	9		CX70CA	03	C507H0	01	8	TS8	D1		26B			
07606		XA429	33		XA421	34		168	9		CX70CA	04	CX70CA	00	1	T04	C2		16B	DEV/DEX		
07607		XA421	34		XA317	36		168	9		CX70CA	05	CX70C0	01	2	TQ2	C2		16A			
07608		XA317	36		XA307	54		168	9		CX70CA	06	C304E0	01	1	TQ2	C2		17A			
07609		XA307	54		XA407	43		168	9		CX70CA	07	C612H0	01	2	T04	D1		25A			
07610		XA407	43		XA404	66		168	9		CX70CA	08	CPRIN0	01	4	T04	D2		23B			
07611		XA404	66		XA238	43		168	9		CX70CA	09	C614G0	01	3	TS8	E1		31A			
07612		XA238	43					168	9		CX70CA	10	C226H0	01	2	TQ2	D3		23B			
07617		XA421	30		XA317	59		168	9		CX70C0	01	CX70C0	00	1	TQ2	C2		15A			
07618		XA317	59					168	9		CX70C0	02	C701CA	01	1	TQ2	E4		31B			
07619		XA547	74		XA541	79		168	9		CX71CA	01	COM2F0	01	7	TS8	F1		35B			
07620		XA541	79		XA542	43		168	9		CX71CA	02	C512J0	01	1	TQ2	F1		39B			
07621		XA542	43		XA442	31		168	9		CX71CA	03	C507H0	01	7	TS8	D1		23B			
07622		XA442	31		XA339	30		168	9		CX71CA	04	C404N0	01	7	TS8	C1		15B			
07623		XA339	30		XA238	41		168	9		CX71CA	05	C7E3E0	01	6	TS8	C1		15A			
07624		XA238	41		XA421	33		168	9		CX71CA	06	C226H0	01	1	TQ2	D3		22B			
07625		XA421	33		XA407	50		168	9		CX71CA	07	CX71CA	00	1	TQ2	C3		16B	ITR/DFR		
07626		XA407	50		XA404	60		168	9		CX71CA	08	CPRIN0	01	1	T04	D2		23A			
07627		XA404	60		XA307	52		168	9		CX71CA	09	C614G0	01	6	TS8	E1		28A			
07628		XA307	52					168	9		CX71CA	10	C612H0	01	3	T04	D1		24A			
07631		XA547	75		XA542	54		168	9		CX72CA	01	COM2F0	01	3	TS8	F1		37B			
07632		XA542	54		XA421	39		168	9		CX72CA	02	C507H0	01	2	TS8	D1		25A			
07633		XA421	39		XA407	48		168	9		CX72CA	03	CX72CA	00	1	TQ2	C4		19B	HLY/WBA		
07634		XA407	48		XA404	64		168	9		CX72CA	04	CPRIN0	01	2	T04	D2		22A			
07635		XA404	64		XA301	31		168	9		CX72CA	05	C614G0	01	4	TS8	E1		30A			
07636		XA301	31					168	9		CX72CA	06	C612G0	01	7	TS8	C1		15B			
07639		XA542	50		XA539	26		168	9		CX74CA	01	C507H0	01	4	TS8	D1		23A			
07640		XA539	26		XA421	52		168	9		CX74CA	02	C512E0	01	1	TS8	B1		14A			
07641		XA421	52		XA404	55		168	9		CX74CA	03	CX74CA	00	1	TQ2	D1		24A	TXP/TCP		
								****	SIGNAL		(CX74CA)		IS ON THE	NEXT PAGE	****							

DRAWING NUMBER 149011-800
 UNIT ASSEMBLY NAME CARD CAGE ASSY,CPU R.H.

STRING

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RECORD NUMBER	FROM				TO				WIRE		SIGNAL	SFD NO	EQUATION	S T	C	C	C	C	LOAD OR POWER PLANE	TEST POINTS AND OR	SIGNAL DESCRIPTION	ECO NO
	PREFIX	CONNECTOR	PIN		PREFIX	CONNECTOR	PIN		MULTI GROUP	CODE												
07642		XA404	55		XA307	56			168	9		CX74CA	04	C614G0	01	7	TS8	E1	29B			
07643		XA307	56		XA305	47			168	9		CX74CA	05	C612H0	01	1	TD4	D1	26A			
07644		XA305	47		XA306	20			168	9		CX74CA	06	C608E0	01	1	TQ2	U4	29B			
07645		XA306	20		XA244	05			168	9		CX74CA	07	C349G0	01	1	TQ2	B2	11A			
07646		XA244	05						168	9		CX74CA	08	C214R0	01	1	TT3	A2	03B			
07649		XA542	52		XA539	24			168	9		CX75CA	01	C507H0	01	3	TS8	D1	24A			
07650		XA539	24		XA535	50			168	9		CX75CA	02	C512E0	01	2	TS8	B1	13A			
07651		XA535	50		XA421	46			168	9		CX75CA	03	C528E0	01	1	TQ2	U2	23A			
07652		XA421	46		XA415	65			168	9		CX75CA	04	CX75CA	00	1	TQ2	D2	21A	TIE/LOD		
07653		XA415	65		XA604	61			168	9		CX75CA	05	CSPIN0	01	1	TQ2	F3	34B			
07654		XA404	61		XA307	49			168	9		CX75CA	06	C614G0	01	8	TS8	E1	32B			
07655		XA307	49		XA306	24			168	9		CX75CA	07	C612H0	01	4	TD4	D1	26B			
07656		XA306	24						168	9		CX75CA	08	C349E0	01	2	TQ2	B1	13A			
07657		XA421	45		XA346	79			168	9		CX76CA	01	CX76CA	00	1	TQ2	D3	24B			
07658		XA346	79						168	9		CX76CA	02	CTRINO	01	1	TD4	F1	39B			
07661		XA421	51		XA346	78			168	9		CX77CA	01	CX77CA	00	1	TQ2	U4	27B			
07662		XA346	78						168	9		CX77CA	02	CTRINO	01	4	TD4	F1	38A			
07665		XA422	04		XA342	75			168	9		C000CA	01	C000CA	00	1	TT3	A1	04A	NOI 000		
07666		XA342	75		XA346	61			168	9		C000CA	02	CYTRPA	01	3	TT3	F1	37B			
07667		XA346	61						168	9		C000CA	03	CTE1D0	01	4	TQ4	E1	32B			
07668		XA422	07		XA237	06			168	9		C010CA	01	C010CA	00	1	TT3	A2	03A	ADF 010		
07669		XA237	06						168	9		C010CA	02	C214P0	01	3	TS8	A1	05A			
07672		XA422	15		XA237	01			168	9		C011CA	01	C011CA	00	1	TT3	A3	07B	SBF 011		
07673		XA237	01						168	9		C011CA	02	C214P0	01	6	TS8	A1	02B			
07676		XA421	68		XA422	20			168	9		C014CA	01	C014C0	01	2	TQ2	E1	32A			
07677		XA422	20		XA444	05			168	9		C014CA	02	C014CA	00	1	TT3	B1	11A	MPF 314		
07678		XA444	05		XA234	42			168	9		C014CA	03	C404P0	01	2	TQ2	A2	03B			
07679		XA234	42		XA237	04			168	9		C014CA	04	C236J0	01	1	TQ2	C1	20A			
07680		XA237	04						168	9		C014CA	05	C214P0	01	4	TS8	A1	04A			
07683		XA447	38		XA438	18			168	9		C014C0	01	C406HA	01	3	TD4	C1	18A			
07684		XA438	18		XA421	66			168	9		C014C0	02	C450SA	01	1	TT3	B2	10A			
07685		XA421	66						168	9		C014C0	03	C014C0	00	1	TQ2	E1	31A			
07686		XA422	19		XA421	62			168	9		C015CA	01	C015CA	00	1	TT3	B2	09B	DIF 015		
07687		XA421	62		XA437	78			168	9		C015CA	02	C015C0	01	2	TQ2	E2	29A			
07688		XA437	78		XA442	20			168	9		C015CA	03	C457P0	01	4	TD4	F1	38A			
07689		XA442	20		XA237	05			168	9		C015CA	04	C404H0	01	4	TS8	B1	11A			
07690		XA237	05						168	9		C015CA	05	C214P0	01	5	TS8	A1	03B			
07693		XA421	60		XA444	03			168	9		C015C0	01	C015C0	00	1	TQ2	E2	28A	DIF 315		
07694		XA444	03		XA244	79			168	9		C015C0	02	C408DA	01	1	TQ2	A3	02A			
07695		XA244	79		XA236	55			168	9		C015C0	03	C205CA	01	1	TT3	F1	39B			
									****		SIGNAL	(C015C0)										IS ON THE NEXT PAGE ****

DRAWING NUMBER 149011-800 UNIT ASSEMBLY NAME CARD CAGE ASSY,CPU R.H.										STRING		UNIT ASSEMBLY NO 149011 FILE IDENT T3982CP2		REV D DATE 09-03-82		INDEX PAGE 163						
RECORD NUMBER	FROM				TO				WIRE		SIGNAL	SEQ NO	EQUATION	TERM	PARTS	CKT OR CHIP TYPE	GROUP	LOAD OR POWER PLANE	TEST POINTS AND OP	SIGNAL DESCRIPTION	ECO NO	
	PREFIX	CONNECTOR	PIN	WIRE NO	PREFIX	CONNECTOR	PIN	WIRE NO	MULTI GROUP	CODE												COLOR
07696		XA236	55							168	9		C015C0	04	C226PA	01	2	TQ2	E3		298	
07697		XA536	30		XA436	38				168	9		C016CA	01	C522P0	01	6	TS8	C1		15A	
07698		XA436	38		XA422	27				168	9		C016CA	02	C451K0	01	3	TS8	C1		16A	
07699		XA422	27		XA242	68				168	9		C016CA	03	C016CA	00	1	TT3	B3		138	RAF 016
07700		XA242	68							168	9		C016CA	04	C200N0	01	2	TS8	E1		32A	
07703		XA536	31		XA436	36				168	9		C017CA	01	C522P0	01	7	TS8	C1		158	
07704		XA436	36		XA422	36				168	9		C017CA	02	C451K0	01	4	TS8	C1		17A	
07705		XA422	36		XA242	70				168	9		C017CA	03	C017CA	00	1	TT3	C1		17A	RSF 017
07706		XA242	70							168	9		C017CA	04	C200N0	01	1	TS8	E1		33A	
07709		XA422	31		XA237	08				168	9		C020CA	01	C020CA	00	1	TY3	C2		158	CMF 020
07710		XA237	08							168	9		C020CA	02	C214P0	01	2	TS8	A1		06A	
07713		XA535	74		XA422	39				168	9		C021CA	01	C514F0	01	2	TQ2	F3		35B	
07714		XA422	39							168	9		C021CA	02	C021CA	00	1	TT3	C3		198	CLU 021
07717		XA422	50		XA241	24				168	9		C022CA	01	C022CA	00	1	TY3	D1		23A	CLF 022
07718		XA241	24		XA245	23				168	9		C022CA	02	C214N0	01	2	TS8	B1		13A	
07719		XA245	23							168	9		C022CA	03	C201F0	01	1	TQ2	B4		118	
07722		XA422	43		XA237	10				168	9		C023CA	01	C023CA	00	1	TY3	D2		238	CGF 023
07723		XA237	10							168	9		C023CA	02	C214P0	01	1	TS8	A1		07A	
07726		XA422	51		XA241	26				168	9		C024CA	01	C024CA	00	1	TT3	D3		278	CSF 024
07727		XA241	26		XA245	25				168	9		C024CA	02	C214N0	01	1	TS8	B1		14A	
07728		XA245	25							168	9		C024CA	03	C201F0	01	2	TQ2	B4		128	
07731		XA439	20		XA422	64				168	9		C025CA	01	C450J0	01	4	TS8	B1		11A	
07732		XA422	64							168	9		C025CA	02	C025CA	00	1	TT3	E1		30A	TOF 025
07733		XA439	19		XA422	55				168	9		C026CA	01	C450J0	01	7	TS8	B1		098	
07734		XA422	55							168	9		C026CA	02	C026CA	00	1	TT3	E2		298	EOF 026
07735		XA439	25		XA422	63				168	9		C027CA	01	C450J0	01	8	TS8	B1		128	
07736		XA422	63							168	9		C027CA	02	C027CA	00	1	TT3	E3		338	ANF 027
07737		XA438	22		XA422	73				168	9		C030CA	01	C450M0	01	3	TT3	B1		12A	
07738		XA422	73							168	9		C030CA	02	C030CA	00	1	TT3	F1		368	FEF 030
07739		XA421	55		XA421	59				168	9		C032CA	01	C032C0	01	2	TQ2	E3		298	
07740		XA421	59		XA422	74				168	9		C032CA	02	C032D0	01	1	TQ2	E4		318	
07741		XA422	74		XA437	66				168	9		C032CA	03	C032CA	00	1	TT3	F2		358	SHF 032
07742		XA437	66		XA440	42				168	9		C032CA	04	C450Q0	01	3	TD4	E1		31A	
07743		XA440	42		XA438	26				168	9		C032CA	05	C434J0	01	1	TQ2	C1		20A	
07744		XA438	26		XA444	04				168	9		C032CA	06	C450M0	01	1	TT3	B1		14A	
07745		XA444	04		XA241	77				168	9		C032CA	07	C404P0	01	1	TQ2	A2		04A	
07746		XA241	77		XA244	38				168	9		C032CA	08	C200M0	01	2	TS8	F1		388	
07747		XA244	38		XA245	07				168	9		C032CA	09	C238L0	01	3	TT3	C1		18A	
											****	SIGNAL	(C032CA)	IS ON THE NEXT PAGE					****			

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

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RECORD NUMBER	FROM				TO				MULTI GROUP	WIRE	CODE	COLOR	IDENT	SIGNAL	SEG NO	EQUATION	3 TERM	TERMINATE	LMT OR CHIP TYPE	GSP	LOAD OR POWER PLANE	TEST POINTS AND/OR	SIGNAL DESCRIPTION	ECO NO
	PREFIX	CONNECTOR	PIN	WIRE	PREFIX	CONNECTOR	PIN	WIRE																
07748		XA245	07						168	9				C032CA	10	C209D0	01	2	TQ2	A3		03A		
07749		XA421	57		XA444	23			168	9				C032C0	01	C032C0	00	1	TQ2	E3		30B		
07750		XA444	23		XA341	74			168	9				C032C0	02	C414CA	01	1	TQ2	B4		11B		
07751		XA341	74		XA342	53			168	9				C032C0	03	CTE5FA	01	2	TQ2	F3		35B		
07752		XA342	53		XA244	71			168	9				C032C0	04	CTE4EA	01	3	TT3	E2		28B		
07753		XA244	71		XA238	81			168	9				C032C0	05	C209EA	01	1	TT3	F2		36B		
07754		XA238	61		XA238	55			168	9				C032C0	06	C227CA	01	2	TQ2	E4		32B		
07755		XA238	55		XA242	37			168	9				C032C0	07	C226QA	01	2	TQ2	E3		29B		
07756		XA242	37		XA242	25			168	9				C032C0	08	C212EA	01	8	TS8	C1		18B		
07757		XA242	25		XA233	34			168	9				C032C0	09	C213EA	01	8	TS8	B1		12B		
07758		XA233	34		XA205	13			168	9				C032C0	10	C236LA	01	5	TS8	C1		16A		
07759		XA205	13						168	9				C032C0	11	CSE3RA	01	5	TT3	A3		08B		
07760		XA447	73		XA444	49			168	9				C032D0	01	C450LA	01	1	TD4	F2		36B		
07761		XA444	49		XA446	46			168	9				C032D0	02	C405CA	01	2	TQ2	D4		26B		
07762		XA446	46		XA445	31			168	9				C032D0	03	C406EA	01	2	TT3	D2		21A		
07763		XA445	31		XA421	63			168	9				C032D0	04	C403GA	01	2	TQ2	C3		15B		
07764		XA421	63		XA310	79			168	9				C032D0	05	C032D0	00	1	TQ2	E4		33B		
07765		XA310	79						168	9				C032D0	06	C358DA	01	1	TT3	F1		39B		
07766		XA245	10		XA237	55			168	9				C033CA	01	C203G0	01	1	TQ2	A1		07A		
07767		XA237	55		XA233	60			168	9				C033CA	02	C226L0	01	7	TS8	E1		29B		
07768		XA233	60		XA232	24			168	9				C033CA	03	C233H0	01	6	TS8	E1		28A		
07769		XA232	24		XA536	72			168	9				C033CA	04	C237M0	01	2	TQ2	B1		13A		
07770		XA536	72		XA422	80			168	9				C033CA	05	CQM4C0	01	6	TS8	F1		34A		
07771		XA422	80		XA421	77			168	9				C033CA	06	C033CA	00	1	TT3	F3		39A	REF 033	
07772		XA421	77		XA421	73			168	9				C033CA	07	C033C0	01	2	TQ2	F1		38B		
07773		XA421	73		XA204	10			168	9				C033CA	08	C033D0	01	1	TQ2	F2		36B		
07775		XA204	10						168	9				C033CA	10	CSE2D0	01	1	TQ2	A1		07A		
07782		XA421	75		XA341	24			168	9				C033C0	01	C033C0	00	1	TQ2	F1		37B		
07783		XA341	24		XA236	73			168	9				C033C0	02	CT02JA	01	2	TQ2	B1		13A		
07784		XA236	73		XA238	70			168	9				C033C0	03	C229JA	01	1	TQ2	F2		36B		
07785		XA238	70		XA238	77			168	9				C033C0	04	C226HA	01	1	TQ2	E1		33A		
07786		XA238	77		XA242	50			168	9				C033C0	05	C228EA	01	2	TQ2	F1		38B		
07787		XA242	50		XA243	20			168	9				C033C0	06	C210DA	01	4	TS8	D1		23A		
07788		XA243	20		XA239	06			168	9				C033C0	07	C213DA	01	1	TD4	B2		11A		
07789		XA239	06		XA238	05			168	9				C033C0	08	C215CA	01	3	TD4	A1		05A		
07790		XA238	05		XA236	11			168	9				C033C0	09	C214JA	01	2	TQ2	A2		03B		
07791		XA236	11		XA234	10			168	9				C033C0	10	C218CA	01	1	TQ2	A4		05B		
07792		XA234	10						168	9				C033C0	11	C238GA	01	1	TQ2	A1		07A		
07795		XA340	55		XA544	24			168	9				C033D0	01	CTE7CA	01	2	TQ2	E3		29B		
07796		XA544	24		XA544	09			168	9				C033D0	02	C506GA	01	2	TT3	B1		13A		
07797		XA544	09		XA444	74			168	9				C033D0	03	C505MA	01	1	TT3	A3		04B		
07798		XA444	74		XA438	79			168	9				C033D0	04	C424JA	01	2	TQ2	F3		35B		
07799		XA438	79		XA535	18			168	9				C033D0	05	C451HA	01	1	TT3	F1		39B		
07800		XA535	18		XA421	72			168	9				C033D0	06	C522SA	01	2	TQ2	B2		10A		
07801		XA421	72		XA419	77			168	9				C033D0	07	C033D0	00	1	TQ2	F2		34A		
									****		SIGNAL			C033D0		S ON THE			NEXT PAGE	****				

DRAWING NUMBER 149011-800
 UNIT ASSEMBLY NAME CARD CAGE ASSY, CPU R.H.

STRING

UNIT ASSEMBLY NO. 149011
 FILE IDENT T39B2CP2

REV D
 DATE 09-03-82

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RECORD NUMBER	FROM				TO				WIRE				SIGNAL	SEQ NO	EQUATION	TERM	FACT	CHK OR CHIP TYPE	PROP	LOAD OR POWER PLANE	TEST POINTS AND OR	SIGNAL DESCRIPTION	ECO NO
	PREFIX	CONNECTOR	PIN	WIRE NO	PREFIX	CONNECTOR	PIN	WIRE NO	MULTI GROUP	CODE	COLOR	IDENT											
07802		XA419	77		XA315	65				16B	9		C03300	08	C033EA	01	2	TQ2	F1		38B		
07803		XA315	65		XA312	43				16B	9		C03300	09	C310SA	01	3	TT3	F2		34B		
07804		XA312	43							16B	9		C03300	10	C341DA	01	4	TQ4	U2		23B		
07805		XA543	71		XA419	75				16B	9		C033EA	01	C510U0	01	2	TQ2	F2		36A		
07806		XA419	75		XA304	26				16B	9		C033EA	02	C033EA	00	1	TQ2	F1		37B		
07807		XA304	26		XA312	56				16B	9		C033EA	03	CQC150	01	1	TS8	B1		14A		002
07809		XA312	56		XA314	61				16B	9		C033EA	05	C307E0	01	1	TQ4	D1		26A		
07810		XA314	61		XA315	59				16B	9		C033EA	06	C336J0	01	2	TQ2	E4		32B		
07811		XA315	59		XA317	62				16B	9		C033EA	07	C34000	01	2	TT3	E3		31B		
07812		XA317	62		XA229	79				16B	9		C033EA	08	C30800	01	2	TQ2	E2		29A		
07813		XA229	79							16B	9		C033EA	09	CQB1C0	01	1	TQ2	F1		39B		
07818		XA420	04		XA233	06				16B	9		C034CA	01	C034CA	00	1	TT3	A1		04A		SBT 034
07819		XA233	06		XA244	46				16B	9		C034CA	02	C237K0	01	3	TS8	A1		05A		
07820		XA244	46							16B	9		C034CA	03	C236H0	01	2	TT3	D2		21A		
07823		XA536	34		XA436	42				16B	9		C035CA	01	C522P0	01	5	TS8	C1		16A		
07824		XA436	42		XA420	07				16B	9		C035CA	02	C451K0	01	1	TS8	C1		20A		
07825		XA420	07							16B	9		C035CA	03	C035CA	00	1	TT3	A2		03A		RIF 035
07826		XA536	36		XA436	37				16B	9		C036CA	01	C522P0	01	4	TS8	C1		17A		
07827		XA436	37		XA420	15				16B	9		C036CA	02	C451K0	01	8	TS8	C1		18B		
07828		XA420	15							16B	9		C036CA	03	C036CA	00	1	TT3	A3		07B		REF 036
07829		XA536	38		XA436	40				16B	9		C037CA	01	C522P0	01	3	TS8	C1		18A		
07830		XA436	40		XA420	20				16B	9		C037CA	02	C451K0	01	2	TS8	C1		19A		
07831		XA420	20							16B	9		C037CA	03	C037CA	00	1	TT3	B1		11A		RNF 037
07832		XA545	68		XA420	19				16B	9		C040CA	01	C510H0	01	2	TQ2	E1		32A		
07833		XA420	19		XA402	05				16B	9		C040CA	02	C040CA	00	1	TT3	B2		09B		LDF 040
07834		XA402	05		XA306	13				16B	9		C040CA	03	C607G0	01	2	TQ2	A2		03B		
07835		XA306	13		XA241	20				16B	9		C040CA	04	C605E0	01	2	TQ2	A4		06B		
07836		XA241	20							16B	9		C040CA	05	C214N0	01	4	TS8	B1		11A		
07841		XA535	65		XA420	27				16B	9		C041CA	01	C514F0	01	1	TQ2	F3		34B		
07842		XA420	27							16B	9		C041CA	02	C041CA	00	1	TT3	B3		13B		LNU 041
07845		XA420	36		XA237	13				16B	9		C042CA	01	C042CA	00	1	TT3	C1		17A		LAF 042
07846		XA237	13							16B	9		C042CA	02	C214P0	01	8	TS8	A1		06B		
07849		XA420	31		XA237	07				16B	9		C043CA	01	C043CA	00	1	TT3	C2		15B		LCF 043
07850		XA237	07							16B	9		C043CA	02	C214P0	01	7	TS8	A1		03A		
07853		XA547	72		XA421	65				16B	9		C044CA	01	CQM2F0	01	6	TS8	F1		34A		
07854		XA421	65		XA420	39				16B	9		C044CA	02	C044C0	01	1	TQ2	F3		34B		
07855		XA420	39		XA301	79				16B	9		C044CA	03	C044CA	00	1	TT3	C3		19B		LMH 044
07856		XA301	79		XA309	79				16B	9		C044CA	04	C308J0	01	1	TS8	F1		39B		
07857		XA309	79		XA314	55				16B	9		C044CA	05	C310G0	01	1	TS8	F1		39B		
07858		XA314	55		XA313	13				16B	9		C044CA	06	C336E0	01	2	TQ2	E3		29B		
										****			SIGNAL (C044CA)		IS ON THE						NEXT PAGE	****	

DRAWING NUMBER 149011-800			STRING						UNIT ASSEMBLY NO 149011		REV D		INDEX C057CA									
UNIT ASSEMBLY NAME CARD CAGE ASSY+CPU R.H.									FILE IDENT T39B2CP2		DATE 09-03-82		PAGE 167									
RECORD NUMBER	FROM	TO	WIRE	SIGNAL	SEQ NO	EQUATION	2	3	4	5	6	7	8	9	TEST POINTS AND OP	SIGNAL DESCRIPTION	ECO NO					
	PREFIX	CONNECTOR	PIN	PREFIX	CONNECTOR	PIN	MULTI GROUP	CODE	COLOR	IDENT	TYPE	FACTOR	CKT OR CHIP TYPE	GROUP	LOAD OR POWER PLANE							
07912	XA420	73		XA421	76			16B	9				C057CA	01	C057CA	00	1	TT3	F1	36B	SSF 057	
07913	XA421	76		XA442	36			16B	9				C057CA	02	C057C0	01	1	TQ2	F4	37A		
07914	XA442	36		XA444	17			16B	9				C057CA	03	C404N0	01	4	TS8	C1	17A		
07915	XA444	17		XA343	79			16B	9				C057CA	04	C407F0	01	1	TQ2	B3	08B		
07916	XA343	79		XA339	62			16B	9				C057CA	05	CYR1QA	01	1	TS8	F1	39B		
07917	XA339	62		XA229	25			16B	9				C057CA	06	CTE500	01	5	TS8	E1	29A		
07918	XA229	25		XA233	55			16B	9				C057CA	07	C238K0	01	2	TQ2	B4	12B		
07919	XA233	55		XA239	61			16B	9				C057CA	08	C233H0	01	7	TS8	E1	29B		
07920	XA239	61		XA241	05			16B	9				C057CA	09	C226N0	01	4	TD4	E1	32B		
07921	XA241	05						16B	9				C057CA	10	C214M0	01	5	TS8	A1	03B		
07926	XA308	77		XA419	78			16B	9				C057C0	01	C232JA	01	2	TQ2	F1	38B		
07927	XA419	78		XA421	80			16B	9				C057C0	02	C057EA	01	2	TQ2	F4	38A		
07928	XA421	80		XA534	19			16B	9				C057C0	03	C057C0	00	1	TQ2	F4	39A		
07929	XA534	19		XA341	34			16B	9				C057C0	04	C522RA	01	2	TQ2	B3	09B		
07930	XA341	34		XA245	55			16B	9				C057C0	05	CT06LA	01	2	TQ2	C2	16A		
07931	XA245	55						16B	9				C057C0	06	C200HA	01	2	TQ2	E3	29B		
07932	XA544	75		XA544	05			16B	9				C057EA	01	C510S0	01	3	TT3	F1	37B		
07933	XA544	05		XA445	61			16B	9				C057EA	02	C505K0	01	1	TT3	A2	03B		
07934	XA445	61		XA440	73			16B	9				C057EA	03	C424N0	01	2	TQ2	E4	32B		
07935	XA440	73		XA437	72			16B	9				C057EA	04	C451L0	01	1	TQ2	F2	36B		
07936	XA437	72		XA436	49			16B	9				C057EA	05	C45700	01	3	TD4	F2	34A		
07937	XA436	49		XA439	37			16B	9				C057EA	06	C458G0	01	8	TS8	D1	26B		
07938	XA439	37		XA419	80			16B	9				C057EA	07	C457M0	01	8	TS8	C1	18B		
07939	XA419	80		XA231	54			16B	9				C057EA	08	C057EA	00	1	TQ2	F4	39A		
07940	XA231	54		XA242	60			16B	9				C057EA	09	C239G0	01	2	TS8	D1	29A		
07941	XA242	60		XA244	30			16B	9				C057EA	10	C200N0	01	6	TS8	E1	28A		
07942	XA244	30						16B	9				C057EA	11	C239H0	01	2	TT3	C2	15A		
07945	XA339	25		XA420	74			16B	9				C061CA	01	CYE2G0	01	8	TS8	B1	12B	XSM 061	
07946	XA420	74		XA415	77			16B	9				C061CA	02	C061CA	00	1	TT3	F2	35B		
07947	XA415	77		XA301	43			16B	9				C061CA	03	C061C0	01	2	TQ2	F1	38B		
07948	XA301	43		XA202	60			16B	9				C061CA	04	C612K0	01	7	TS8	D1	23B		
07949	XA202	60						16B	9				C061CA	05	CLC4E0	01	6	TS8	E1	28A		
07954	XA415	75		XA312	05			16B	9				C061C0	01	C061C0	00	1	TQ2	F1	37B		
07955	XA312	05						16B	9				C061C0	02	C345FA	01	2	TD4	A2	03B		
07956	XA420	80		XA217	57			16B	9				C062CA	01	C062CA	00	1	TT3	F3	39A	XEF 062	
18570	XA217	57						16B	9				C062CA	02	CQC050	01	1	TT3	E3	30B		
07960	XA418	04		XA305	13			16B	9				C063CA	01	C063CA	00	1	TT3	A1	04A	XPF 063	
07961	XA305	13						16B	9				C063CA	02	CQC040	01	2	TQ2	A4	06B		
07962	XA435	34		XA418	07			16B	9				C064CA	01	C452L0	01	2	TQ2	C2	16A	XDD 064	
07963	XA418	07		XA301	04			16B	9				C064CA	02	C064CA	00	1	TT3	A2	03A		
07964	XA301	04						16B	9				C064CA	03	CQC060	01	4	TS8	A1	04A		
07967	XA435	36		XA418	15			16B	9				C065CA	01	C452L0	01	1	TQ2	C2	17A		
**** SIGNAL C065CA IS ON THE NEXT PAGE ****																						

DRAWING NUMBER 149011-800
UNIT ASSEMBLY NAME CARD CAGE ASSY, CPU R.H.

STRING

UNIT ASSEMBLY NO 149011
PART IDENT T3982CP2

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RECORD NUMBER	FROM			TO			WIRE			SIGNAL	SEG NO	EQUATION	Z	E	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
07968 07969	XA418 XA301	15 06		XA301	06			168 168	9 9		C065CA C065CA	02 03	C065CA CQC060	00 01	1 3	TT3 TS8	A3 A1		07B 05A	XIU 065	
07972	XA537	42		XA541	34			168	9		C066CA	01	C518KA	01	1	TQ2	C1		20A		
07973	XA541	34		XA444	64			168	9		C066CA	02	C518GD	01	2	TQ2	C2		16A		
07974	XA444	64		XA437	52			168	9		C066CA	03	C419EA	01	1	TQ2	E2		33A		
07975	XA437	52		XA418	20			168	9		C066CA	04	C457SA	01	3	TQ4	D1		24A		
07976	XA418	20		XA419	08			168	9		C066CA	05	C066CA	00	1	TT3	B1		11A	XEX 066	
07977	XA419	08		XA315	49			168	9		C066CA	06	C066CJ	01	2	TQ2	A1		06A		
07978	XA315	49		XA301	48			168	9		C066CA	07	C344DA	01	3	TT3	D3		24B		
07979	XA301	48		XA120	55			168	9		C066CA	08	C612K0	01	5	TS8	D1		22A		
07980	XA120	55						168	9		C066CA	09	GLSPAA	01	4	TQ4	E2		29B		
07987	XA441	10		XA425	05			168	9		C066C0	01	C424PA	01	1	TQ2	A1		07A		
07988	XA425	05		XA419	06			168	9		C066C0	02	C522VA	01	2	TQ2	A2		03B		
07989	XA419	06		XA206	20			168	9		C066C0	03	C066C0	00	1	TQ2	A1		09A		
07990	XA206	20						168	9		C066C0	04	C5F0DA	01	1	TQ2	B2		11A		
07991 18583	XA418 XA217	19 61		XA217	61			168 168	9 9		C067CA C067CA	01 04	C067CA CQC050	00 01	1 3	TT3 TT3	B2 E3		04B 32B	TSZ 067	
07994	XA418	27		XA338	13			168	9		C070CA	01	C070CA	00	1	TT3	B3		13B	DEV 070	
07995	XA338	13						168	9		C070CA	02	C7E2D0	01	8	TS8	A1		06B		
07998	XA447	70		XA418	36			168	9		C071CA	01	C450K0	01	1	TQ4	E1		33A		
07999	XA418	36		XA419	05			168	9		C071CA	02	C071CA	00	1	TT3	C1		17A	ITR 071	
08000	XA419	05		XA317	34			168	9		C071CA	03	C071C0	01	2	TQ2	A2		03B		
08001	XA317	34						168	9		C071CA	04	C304E3	01	2	TQ2	C2		16A		
08004	XA419	01		XA317	79			168	9		C071C0	01	C071C0	00	1	TQ2	A2		02B		
08005	XA317	79		XA317	78			168	9		C071C0	02	C702CA	01	1	TQ2	F1		34B		
08006	XA317	78		XA316	05			168	9		C071C0	03	C705CA	01	2	TQ2	F4		36A		
08007	XA316	05						168	9		C071C0	04	C303CA	01	2	TQ2	A2		03B		
07993	XA437	42		XA418	31			168	9		C072CA	00	C457V0	01	1	TQ4	C1		20A		
08008	XA418	31		XA419	07			168	9		C072CA	01	C072CA	00	1	TT3	C2		15B	HLT 072	
08009	XA419	07		XA338	07			168	9		C072CA	02	C072C0	01	2	TQ2	A3		03A		
08010	XA338	07		XA231	10			168	9		C072CA	03	C7E2D0	01	7	TS8	A1		03A		
08011	XA231	10						168	9		C072CA	04	C237R0	01	1	TS8	A1		07A		
08016	XA535	11		XA419	09			168	9		C072C0	01	C522LA	01	1	TQ2	A4		05B		
08017	XA419	09		XA314	11			168	9		C072C0	02	C072C0	00	1	TQ2	A3		04B		
08018	XA314	11						168	9		C072C0	03	CRUSQA	01	1	TQ2	A4		05B		
08019	XA447	49		XA418	39			168	9		C073CA	01	C424DA	01	4	TQ4	D1		26B		
08020	XA418	39		XA407	46			168	9		C073CA	02	C073CA	00	1	TT3	C3		19B	DIG 073	
08021	XA407	46		XA202	62			168	9		C073CA	03	CPRIN0	01	3	TQ4	D2		21A		
08022	XA202	62		XA105	49			168	9		C073CA	04	CLC4E0	01	5	TS8	E1		29A		
08023	XA105	49						168	9		C073CA	05	E073C0	01	2	TQ2	D4		26B		
											****	SIGNAL	C074CA	IS ON THE NEXT PAGE				****			

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DRAWING NUMBER 149011-800				STRING				UNIT ASSEMBLY NO. 149011				REV D				INDEX C074CA							
UNIT ASSEMBLY NAME CARD CAGE ASSY,CPU R.H.								FILE IDENT T3982CP2				DATE 09-03-82				PAGE 169							
RECORD NUMBER	PREFIX	CONNECTOR	PIN	WIRE	PREFIX	CONNECTOR	PIN	WIRE	MULTI GROUP	CODE	COLOR	IDENT	SIGNAL	SEQ NO	EQU TION	TERM	FACT	CKT OR CHIP TYPE	GROUP	LOAD OR POWER PLANE	TEST POINTS AND/OR	SIGNAL DESCRIPTION	ECO NO
08024		XA401	66			XA418	50			168	9		C074CA	01	C617E0	01	3	TY3	E1		31A		
08025		XA418	50			XA419	13			168	9		C074CA	02	C074CA	00	1	TT3	D1		23A	TXP 074	
08026		XA419	13			XA204	42			168	9		C074CA	03	C074C0	01	2	TQ2	A4		06B		
08027		XA204	42			XA239	19			168	9		C074CA	04	CSL2E0	01	1	TQ2	C1		20A		
08028		XA239	19							168	9		C074CA	05	C237N0	01	4	TD4	B2		09B		
08033		XA419	15			XA308	19			168	9		C074C0	01	C074C0	00	1	TQ2	A4		07B		
08034		XA308	19			XA205	17			168	9		C074C0	02	C352CA	01	2	TQ2	B3		09B		
08035		XA205	17							168	9		C074C0	03	CSL1FA	01	3	TY3	B2		08B		
08036		XA401	68			XA418	43			168	9		C075CA	01	C617E0	01	2	TY3	E1		32A		
08037		XA418	43			XA419	26			168	9		C075CA	02	C075CA	00	1	TT3	D2		23B	TIE 075	
08038		XA419	26			XA306	18			168	9		C075CA	03	C075C0	01	1	TQ2	B1		14A		
08039		XA306	18			XA305	49			168	9		C075CA	04	C349G0	01	2	TQ2	B2		10A		
08040		XA305	49			XA204	40			168	9		C075CA	05	C608E0	01	2	TQ2	D4		26B		
08041		XA204	40			XA239	14			168	9		C075CA	06	CSL2E0	01	2	TQ2	C1		19A		
08042		XA239	14			XA244	01			168	9		C075CA	07	C237N0	01	3	TD4	B2		09A		
08043		XA244	01							168	9		C075CA	08	C214R0	01	2	TT3	A2		02B		
08048		XA419	22			XA205	42			168	9		C075C0	01	C075C0	00	1	TQ2	B1		12A		
08049		XA205	42							168	9		C075C0	02	CSL1JA	01	1	TY3	C1		20A		
18609		XA308	18			XA401	62			168	9		C100CA	00	C100C0	01	2	TQ2	B2		10A		
08050		XA401	62			XA418	51			168	9		C100CA	01	C616E0	01	1	TT3	E2		29A		
08051		XA418	51			XA342	77			168	9		C100CA	02	C100CA	00	1	TT3	D3		27B	LLR 100	
08052		XA342	77			XA346	68			168	9		C100CA	03	CTRIPA	01	2	TT3	F1		38B		
08053		XA346	68							168	9		C100CA	04	CYE1D0	01	2	TD4	E1		32A		
20926		XA308	14			XA205	71			168	9		C100C0	01	C100C0	00	1	TQ2	B2		09A	BLU +000640B1631	
18573		XA205	71							168	9		C100C0	02	CSL1MA	01	1	TT3	F2		36A		
08056		XA418	64			XA532	54			168	9		C116CA	01	C116CA	00	1	TY3	E1		30A	RAH 116	
08057		XA532	54			XA542	07			168	9		C116CA	02	C521Q0	01	2	TS8	D1		25A		
08058		XA542	07			XA243	73			168	9		C116CA	03	C455H0	01	7	TS8	A1		03A		
08059		XA243	73							168	9		C116CA	04	C202D0	01	1	TD4	F2		36B		
08062		XA418	55			XA532	52			168	9		C117CA	01	C117CA	00	1	TY3	E2		29B	RSH 117	
08063		XA532	52			XA542	05			168	9		C117CA	02	C521Q0	01	3	TS8	D1		24A		
08064		XA542	05			XA243	71			168	9		C117CA	03	C455H0	01	5	TS8	A1		03B		
08065		XA243	71							168	9		C117CA	04	C202D0	01	2	TD4	F2		36A		
08068		XA541	61			XA418	63			168	9		C121CA	01	C515F0	01	2	TQ2	E4		32B		
08069		XA418	63							168	9		C121CA	02	C121CA	00	1	TY3	E3		33B	CLL 121	
08072		XA418	73			XA436	22			168	9		C122CA	01	C122CA	00	1	TT3	F1		36B	CLH 122	
08073		XA436	22			XA437	25			168	9		C122CA	02	C457DA	01	3	TS8	B1		12A		
08074		XA437	25			XA236	42			168	9		C122CA	03	C459D0	01	4	TD4	B1		12B		
08075		XA236	42							168	9		C122CA	04	C221D0	01	1	TQ2	C1		20A		
08076		XA418	74			XA436	24			168	9		C124CA	01	C124CA	00	1	TT3	F2		35B	CSH 124	
										****		SIGNAL	C124CA		IS ON THE			NEXT PAGE	****				

DRAWING NUMBER 149011-800
UNIT ASSEMBLY NAME CARD CAGE ASSY,CPU R.H.

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UNIT ASSEMBLY NO 149011
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RECORD NUMBER	FROM				TO				WIRE	MULTI GROUP	CODE	COLOR	IDENT	SIGNAL	SFQ NO	EQUATION	TERM	FACTOR	CUT OR CHIP TYPE	GROUP	LOAD OR POWER PLANE	TEST POINTS AND/OR	SIGNAL DESCRIPTION	ECO NO
	PREFIX	CONNECTOR	PIN	C/S	PREFIX	CONNECTOR	PIN	C/S																
08077		XA436	24		XA437	24		168	9					C124CA	02	C457DA	01	2	TS8	B1		13A		
08078		XA437	24		XA236	40		168	9					C124CA	03	C459D0	01	2	TD4	B1		13A		
08079		XA236	40					168	9					C124CA	04	C221D0	01	2	TQ2	CI		19A		
08082		XA438	56		XA418	80		168	9					C125CA	01	C452K0	01	1	TT3	D1		26A		
08083		XA418	80					168	9					C125CA	02	C125CA	00	1	TT3	F3		39A	IOH 125	
08084		XA438	54		XA417	04		168	9					C126CA	01	C452K0	01	2	TT3	D1		25A		
08085		XA417	04					168	9					C126CA	02	C126CA	00	1	TT3	A1		04A	EOH 126	
08086		XA438	52		XA417	07		168	9					C127CA	01	C452K0	01	3	TT3	D1		24A		
08087		XA417	07					168	9					C127CA	02	C127CA	00	1	TT3	A2		03A	ANH 127	
08088		XA419	18		XA417	15		168	9					C130CA	01	C130C0	01	2	TQ2	B2		10A		
08089		XA417	15		XA230	71		168	9					C130CA	02	C130CA	00	1	TT3	A3		07B	FEH 130	
08090		XA230	71					168	9					C130CA	03	CQ85C0	01	2	TD4	F2		36A		
08093		XA440	48		XA419	14		168	9					C130C0	01	C452HA	01	2	TQ2	D2		22A		
08094		XA419	14					168	9					C130C0	02	C130C0	00	1	TQ2	B2		09A		
08095		XA417	20		XA230	73		168	9					C131CA	01	C131CA	00	1	TT3	B1		11A	FIH 131	
08096		XA230	73					168	9					C131CA	02	CQ85C0	01	1	TD4	F2		36B		
08099		XA417	19		XA419	19		168	9					C132CA	01	C132CA	00	1	TT3	B2		09B	SHH 132	
08100		XA419	19		XA440	23		168	9					C132CA	02	C132C0	01	2	TQ2	B3		09B		
08101		XA440	23		XA241	68		168	9					C132CA	03	C434H0	01	1	TQ2	B4		11B		
08102		XA241	68		XA230	72		168	9					C132CA	04	C208CA	01	2	TS8	E1		32A		
08103		XA230	72					168	9					C132CA	05	CQ85C0	01	3	TD4	F2		34A		
08104		XA340	74		XA419	21		168	9					C132C0	01	CTE4FA	01	2	TQ2	F3		35B		
08105		XA419	21		XA310	72		168	9					C132C0	02	C132C0	00	1	TQ2	B3		10B		
08106		XA310	72		XA205	26		168	9					C132C0	03	C358EA	01	2	TT3	F2		34A		
08107		XA205	26		XA230	07		168	9					C132C0	04	CSE3KA	01	1	TT3	B1		14A		
08108		XA230	07					168	9					C132C0	05	C238JA	01	4	TD4	A2		03A		
08109		XA245	03		XA244	29		168	9					C133CA	01	C209D0	01	1	TQ2	A3		02A		
08110		XA244	29		XA242	62		168	9					C133CA	02	C239H0	01	3	TT3	C2		14B		
08111		XA242	62		XA238	42		168	9					C133CA	03	C200N0	01	5	TS8	E1		29A		
08112		XA238	42		XA233	61		168	9					C133CA	04	C222D0	01	1	TQ2	CI		20A		
08113		XA233	61		XA339	72		168	9					C133CA	05	C233H0	01	8	TS8	E1		32B		
08114		XA339	72		XA419	23		168	9					C133CA	06	CTE6D0	01	6	TS8	F1		34A		
08115		XA419	23		XA417	27		168	9					C133CA	07	C133C0	01	1	TQ2	B4		11B		
08116		XA417	27		XA306	71		168	9					C133CA	08	C133CA	00	1	TT3	B3		13B	TQR 133	
08117		XA306	71		XA305	76		168	9					C133CA	09	CQPQSO	01	2	TQ2	F2		36A		
08118		XA305	76		XA205	54		168	9					C133CA	10	CQPSTA	01	1	TQ2	F4		37A		
08119		XA205	54					168	9					C133CA	11	CSL2LA	01	2	TT3	D1		25A		
08120		XA445	48		XA440	37		168	9					C133C0	01	C404HA	01	2	TQ2	D2		22A		
08121		XA440	37		XA435	55		168	9					C133C0	02	C45JNA	01	2	TQ2	C4		18B		
08122		XA435	55		XA534	55		168	9					C133C0	03	C458FA	01	2	TQ2	E3		29B		
													****	SIGNAL	(C133C0)	IS ON THE		NEXT PAGE		****				

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

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UNIT ASSEMBLY NO. 149011
 FILE IDENT T3982CP2

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RECORD NUMBER	FROM				TO				WIRE				SIGNAL	SEQ NO	EQUATION	2 TER	8 FACT	CCT OR CHIP TYPE	SNOP	LOAD OR POWER PLANE	TEST POINTS AND OP	SIGNAL DESCRIPTION	ECO NO
	PREFIX	CONNECTOR	PIN	NO	PREFIX	CONNECTOR	PIN	NO	MULTI GROUP	CODE	COLOR	IDENT											
08123		XA534	55		XA512	71				168	9			C133C0	04	CQM05A	01	2	TQ2	E3	298		
08124		XA512	71		XA510	03				168	9			C133C0	05	PQ053A	01	5	TS8	F1	36A		
08125		XA510	03		XA419	27				168	9			C133C0	06	CQP15A	01	3	TT3	A2	02A		
08126		XA419	27		XA311	37				168	9			C133C0	07	C133C0	00	1	TQ2	B4	138		
08127		XA311	37		XA204	37				168	9			C133C0	08	C344GA	01	2	TQ2	C4	188		
08128		XA204	37		XA207	22				168	9			C133C0	09	CSL3EA	01	2	TQ2	C4	188		
08129		XA207	22							168	9			C133C0	10	CSL1EA	01	3	TD4	B1	12A		
08130		XA536	62		XA535	76				168	9			C133DA	01	C527E0	01	5	TS8	E1	29A		
08131		XA535	76		XA417	36				168	9			C133DA	02	C522W0	01	1	TQ2	F4	37A		
08132		XA417	36		XA419	36				168	9			C133DA	03	C133DA	00	1	TT3	C1	17A	TOR-UNLOAD	
08133		XA419	36		XA419	40				168	9			C133DA	04	C133E0	01	1	TQ2	C2	17A		
08134		XA419	40		XA243	77				168	9			C133DA	05	C133D0	01	2	TQ2	C1	19A		
08135		XA243	77							168	9			C133DA	06	C200P0	01	2	TD4	F1	38B		
08144		XA545	55		XA544	60				168	9			C133D0	01	C510LA	01	2	TQ2	E3	298		
08145		XA544	60		XA540	17				168	9			C133D0	02	C512SA	01	2	TT3	E2	28A		
08146		XA540	17		XA538	18				168	9			C133D0	03	C521SA	01	3	TT3	B2	08B		
08147		XA538	18		XA538	37				168	9			C133D0	04	C502DA	01	2	TD4	B2	10A		
08148		XA538	37		XA419	38				168	9			C133D0	05	C525EA	01	4	TD4	C1	18B		
08149		XA419	38		XA236	19				168	9			C133D0	06	C133D0	00	1	TQ2	C1	18A		
08150		XA236	19							168	9			C133D0	07	C219EA	01	2	TQ2	B3	09B		
08151		XA544	77		XA544	01				168	9			C133EA	01	C510S0	01	2	TT3	F1	38B		
08152		XA544	01		XA445	59				168	9			C133EA	02	C505K0	01	2	TT3	A2	02B		
08153		XA445	59		XA442	68				168	9			C133EA	03	C424N0	01	1	TQ2	E4	31B		
08154		XA442	68		XA440	71				168	9			C133EA	04	C424K0	01	2	TS8	E1	32A		
08155		XA440	71		XA435	41				168	9			C133EA	05	C451L0	01	2	TQ2	F2	36A		
08156		XA435	41		XA436	25				168	9			C133EA	06	C463F0	01	1	TQ2	D3	22B		
08157		XA436	25		XA415	06				168	9			C133EA	07	C457DA	01	8	TS8	B1	12B		
08158		XA415	06		XA301	10				168	9			C133EA	08	C133EA	00	1	TQ2	A1	05A		
08159		XA301	10		XA229	61				168	9			C133EA	09	CQC060	01	1	TS8	A1	07A		
08160		XA229	61							168	9			C133EA	10	CQA9C0	01	2	TQ2	E4	32B		
08163		XA419	30		XA415	10				168	9			C133E0	01	C133E0	00	1	TQ2	C2	15A		
08164		XA415	10		XA401	37				168	9			C133E0	02	C133EA	01	1	TQ2	A1	07A		
08166		XA401	37		XA402	35				168	9			C133E0	04	C612NA	01	3	TT3	C3	18B		
08167		XA402	35		XA402	29				168	9			C133E0	05	C618EA	01	1	TQ2	C4	17B		
08168		XA402	29		XA305	62				168	9			C133E0	06	C618DA	01	1	TQ2	C3	14B		
08169		XA305	62		XA305	53				168	9			C133E0	07	C611DA	01	2	TQ2	E2	29A		
08170		XA305	53		XA302	03				168	9			C133E0	08	C611EA	01	1	TQ2	E3	28B		
08171		XA302	03							168	9			C133E0	09	C601DA	01	1	TQ2	A3	02A		
08172		XA417	31		XA233	66				168	9			C134CA	01	C134CA	00	1	TT3	C2	15B	RBT 134	
08173		XA233	66		XA231	50				168	9			C134CA	02	C233H0	01	3	TS8	E1	31A		
08174		XA231	50							168	9			C134CA	03	C239G0	01	4	TS8	D1	23A		
08177		XA542	10		XA532	46				168	9			C135CA	01	C455H0	01	1	TS8	A1	07A		
08178		XA532	46		XA417	39				168	9			C135CA	02	C521Q0	01	6	TS8	D1	21A		
08179		XA417	39							168	9			C135CA	03	C135CA	00	1	TT3	C3	19B	RIH 135	

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UNIT ASSEMBLY NO 149011
 PART IDENT T3982CP2

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RECORD NUMBER	FROM			TO			WIRE	MULTI GROUP	CODE	CO. CR	DEN	SPEC. INCL	SIGNAL	SEG NO	EQUATION	T	E	ENT OR OF P TYPE	GROUP	LOAD OR POWER PLANE	TEST POINTS (AND) OR	SIGNAL DESCRIPTION	ECO NO			
	PREFIX	CONNECTOR	PIN	PREFIX	CONNECTOR	PIN																				
08182		XA542	08		XA532	50	168	9					C136CA	01	C455H0	01	2	TS8	A1		06A					
08183		XA532	50		XA417	50	168	9					C136CA	02	C521Q0	01	4	TS8	D1		23A					
08184		XA417	50				168	9					C136CA	03	C136CA	00	1	TT3	U1		23A	REH 136				
08185		XA542	06		XA532	43	168	9					C137CA	01	C455H0	01	3	TS8	A1		05A					
08186		XA532	43		XA417	43	168	9					C137CA	02	C521Q0	01	7	TS8	D1		23B					
08187		XA417	43				168	9					C137CA	03	C137CA	00	1	TT3	D2		23B	RNH 137				
08188		XA540	79		XA417	51	168	9					C140CA	01	C512L0	01	1	TT3	F1		39B					
08189		XA417	51		XA306	61	168	9					C140CA	02	C140CA	00	1	TT3	D3		27B	LDH 140				
08190		XA306	61		XA401	05	168	9					C140CA	03	C607E0	01	2	TQ2	E4		32B					
08191		XA401	05				168	9					C140CA	04	C606E0	01	1	TT3	A2		03B					
08194		XA541	59		XA417	64	168	9					C141CA	01	C515F0	01	1	TQ2	E4		31B					
08195		XA417	64				168	9					C141CA	02	C141CA	00	1	TT3	E1		30A	LDL 141				
08198		XA401	23		XA304	40	168	9					C144CA	01	CHONEJ	01	4	TD4	B1		12B					
08199		XA304	40		XA304	72	168	9					C144CA	02	C0P0B0	01	2	TS8	C1		19A					
08200		XA304	72		XA315	79	168	9					C144CA	03	C612M0	01	6	TS8	F1		34B					
08201		XA315	79		XA419	29	168	9					C144CA	04	C310E0	01	1	TT3	F1		39B					
08202		XA419	29		XA417	55	168	9					C144CA	05	C144C0	01	1	TQ2	C3		14B					
08203		XA417	55		XA406	59	168	9					C144CA	06	C144CA	00	1	TT3	E2		29B	SMH 144				
08204		XA406	59		XA442	55	168	9					C144CA	07	C621G0	01	1	TQ2	E4		31B					
08205		XA442	55		XA440	47	168	9					C144CA	08	C424K0	01	7	TS8	E1		29B					
08206		XA440	47		XA239	34	168	9					C144CA	09	C454G0	01	1	TQ2	U6		25B					
08207		XA239	34		XA241	13	168	9					C144CA	10	C237J0	01	2	TD4	C2		16A					
08208		XA241	13				168	9					C144CA	11	C214M0	01	8	TS8	A1		06B					
08213		XA435	24		XA419	33	168	9					C144C0	01	C460CA	01	2	TQ2	B1		13A					
08214		XA419	33		XA415	04	168	9					C144C0	02	C144C0	00	1	TQ2	C3		16B					
08215		XA415	04				168	9					C144C0	03	C144EA	01	1	TQ2	A2		04A					
08216		XA544	47		XA540	45	168	9					C144EA	01	C512N0	01	2	TT3	D3		25B					
08217		XA540	45		XA540	37	168	9					C144EA	02	C519F0	01	1	TT3	D3		24B					
08218		XA540	37		XA544	10	168	9					C144EA	03	C521L0	01	3	TT3	C3		18B					
08219		XA544	10		XA415	01	168	9					C144EA	04	C505E0	01	1	TT3	A1		07A					
08220		XA415	01				168	9					C144EA	05	C144EA	00	1	TQ2	A2		02B					
08223		XA535	40		XA417	63	168	9					C145CA	01	C523E0	01	2	TQ2	C1		19A					
08224		XA417	63				168	9					C145CA	02	C145CA	00	1	TT3	E3		33B	SDL 145				
08225		XA544	49		XA540	33	168	9					C146CA	01	C512N0	01	3	TT3	D3		26B					
08226		XA540	33		XA440	49	168	9					C146CA	02	C521L0	01	1	TT3	C3		16B					
08227		XA440	49		XA417	73	168	9					C146CA	03	C454G0	01	2	TQ2	D4		26B					
08228		XA417	73		XA506	61	168	9					C146CA	04	C146CA	00	1	TT3	F1		36B	SDH 146				
08229		XA406	61		XA304	75	168	9					C146CA	05	C621G0	01	2	TQ2	E4		32B					
08230		XA304	75				168	9					C146CA	06	C612M0	01	3	TS8	F1		37B					
													****	SIGNAL	C147CA	IS ON THE NEXT PAGE										****

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FILE IDENT T3982CP2
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RECORD NUMBER	FROM				TO				WIRE		MULTI GROUP	CODE	COLOR	IDENT	SIGNAL	SECURITY MARK	SIG NO	EQUATION	TERM	FACTOR	CMT OR CHIP TYPE	GROUP	LOAD OR POWER PLANE	TEST POINTS AND/OR	SIGNAL DESCRIPTION	ECO NO
	PREFIX	CONNECTOR	PIN	WIRE NO	PREFIX	CONNECTOR	PIN	WIRE NO																		
08231		XA540	35		XA419	61		168	9					C147CA		01	C521L0	01	2	TT3	C3		17B			
08232		XA419	61		XA417	74		168	9					C147CA		02	C147C0	01	2	TQ2	E4		32B			
08233		XA417	74		XA304	77		168	9					C147CA		03	C147CA	00	1	TT3	F2		35B	MZH 147		
08234		XA304	77					168	9					C147CA		04	C612M0	01	2	TS8	F1		38B			
08237		XA441	64		XA419	63		168	9					C147C0		01	C455EA	01	1	TQ2	E2		30A			
08238		XA419	63					168	9					C147C0		02	C147C0	00	1	TQ2	E4		33B			
08239		XA535	42		XA417	80		168	9					C155CA		01	C523E0	01	1	TQ2	C1		20A			
08240		XA417	80					168	9					C155CA		02	C155CA	00	1	TT3	F3		39A	MIL 155		
08241		XA536	75		XA532	56		168	9					C156CA		01	C0M4C0	01	3	TS8	F1		37B			
08242		XA532	56		XA539	20		168	9					C156CA		02	C521Q0	01	1	TS8	D1		26A			
08243		XA539	20		XA542	13		168	9					C156CA		03	C512E0	01	4	TS8	B1		11A			
08244		XA542	13		XA416	04		168	9					C156CA		04	C455H0	01	8	TS8	A1		06B			
08245		XA416	04		XA304	52		168	9					C156CA		05	C156CA	00	1	TT3	A1		04A	EXH 156		
08246		XA304	52		XA301	42		168	9					C156CA		06	C0P070	01	3	TS8	D1		24A			
08247		XA301	42		XA243	72		168	9					C156CA		07	C612G0	01	1	TS8	C1		20A			
08248		XA243	72					168	9					C156CA		08	C202D0	01	3	T04	F2		34A			
08253		XA313	22		XA310	76		168	9					C157CA		01	C307D0	01	3	TS8	B1		12A			
08254		XA310	76		XA416	07		168	9					C157CA		02	C359E0	01	2	TT3	F3		37A			
08255		XA416	07		XA419	35		168	9					C157CA		03	C157CA	00	1	TT3	A2		03A	MTH 157		
08256		XA419	35		XA343	74		168	9					C157CA		04	C157C0	01	1	TQ2	C4		17B			
08257		XA343	74		XA339	48		168	9					C157CA		05	CTR1QA	01	7	TS8	F1		35B			
08258		XA339	48		XA229	55		168	9					C157CA		06	C7E4D0	01	5	TS8	D1		22A			
08259		XA229	55		XA231	79		168	9					C157CA		07	C0A8C0	01	2	TQ2	E3		29B			
08260		XA231	79		XA237	54		168	9					C157CA		08	C232F0	01	1	TS8	F1		39B			
08261		XA237	54		XA237	42		168	9					C157CA		09	C224H0	01	2	TS8	D1		25A			
08262		XA237	42		XA239	25		168	9					C157CA		10	C220E0	01	1	TS8	C1		20A			
08263		XA239	25					168	9					C157CA		11	C237L0	01	4	T04	B1		12B			
08268		XA441	55		XA526	38		168	9					C157C0		01	C455GA	01	1	TQ2	E4		31B			
08269		XA526	38		XA419	39		168	9					C157C0		02	CN126A	01	3	TT3	C1		18A			
08270		XA419	39		XA415	07		168	9					C157C0		03	C157C0	00	1	TQ2	C4		19B			
08271		XA415	07		XA314	64		168	9					C157C0		04	C157EA	01	2	TQ2	A3		03A			
08272		XA314	64		XA240	25		168	9					C157C0		05	C336KA	01	1	TQ2	E2		30A			
08273		XA240	25		XA132	40		168	9					C157C0		06	C204CA	01	2	TQ2	B4		12B			
08274		XA132	40					168	9					C157C0		07	CR024A	01	2	TT3	C1		19A			
08275		XA543	77		XA445	55		168	9					C157EA		01	C510Q0	01	2	TQ2	F1		38B			
08276		XA445	55		XA436	77		168	9					C157EA		02	C424M0	01	2	TQ2	E3		29B			
08277		XA436	77		XA535	08		168	9					C157EA		03	C462K0	01	2	TS8	F1		38B			
08278		XA535	08		XA415	09		168	9					C157EA		04	C521U0	01	2	TQ2	A1		06A			
08279		XA415	09		XA308	59		168	9					C157EA		05	C157EA	00	1	TQ2	A3		04B			
08280		XA308	59		XA307	38		168	9					C157EA		06	C311E0	01	1	TQ2	E4		31B			
08281		XA307	38		XA306	07		168	9					C157EA		07	C0C160	01	3	T04	C1		18A			
08282		XA306	07		XA315	09		168	9					C157EA		08	C0C180	01	2	TQ2	A3		03A			
08283		XA315	09					168	9					C157EA		09	C306L0	01	1	TT3	A3		04B			
														****	SIGNAL	(C160CA)		IS ON THE		NEXT PAGE	****					

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DRAWING NUMBER 149011-800
 UNIT ASSEMBLY NAME CARD CAGE ASSY+CPU R.H.

STRING

UNIT ASSEMBLY NO 149011
 FILE IDENT T3982CP2

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RECORD NUMBER	FROM				TO				WIRE			SIGNAL	SFD NO	EQUATION	3 TERM	FACTORS	CAT OR CHIP TYPE	GROUP	LOAD OR POWER PLANE	TEST POINTS (WAVE AND/OR)	SIGNAL DESCRIPTION	ECO NO	
	PREFIX	CONNECTOR	PIN	WIRE	PREFIX	CONNECTOR	PIN	WIRE	MULTI GROUP	CODE	COLOR												IDENT
08286		XA416	15		XA415	13				168	9		C160CA	01	C160CA	00	1	TT3	A3		078	XLR 160	
08287		XA415	13							168	9		C160CA	02	C160C0	01	2	TQ2	A4		068		
08290		XA440	65		XA415	15				168	9		C160C0	01	C452DA	01	1	TQ2	F3		348		
08291		XA415	15		XA311	05				168	9		C160C0	02	C160C0	00	1	TQ2	A4		078		
08292		XA311	05							168	9		C160C0	03	C346DA	01	2	TQ2	A2		038		
08293		XA339	20		XA416	20				168	9		C161CA	01	CYE2G0	01	4	TS8	B1		11A		
08294		XA416	20		XA415	24				168	9		C161CA	02	C161CA	00	1	TT3	B1		11A	XIN 161	
08295		XA415	24		XA301	49				168	9		C161CA	03	C161C0	01	2	TQ2	B1		13A		
08296		XA301	49		XA202	61				168	9		C161CA	04	C612KJ	01	8	TS8	D1		268		
08297		XA202	61							168	9		C161CA	05	CLC4E0	01	8	TS8	E1		328		
08300		XA415	22		XA315	42				168	9		C161C0	01	C161C0	00	1	TQ2	B1		12A		
08301		XA315	42							168	9		C161C0	02	C345MA	01	1	TT3	C1		20A		
08302		XA416	19		XA301	13				168	9		C162CA	01	C162CA	00	1	TT3	B2		098	XUF 162	
08303		XA301	13							168	9		C162CA	02	CQC060	01	8	TS8	A1		068		
08306		XA416	27		XA305	07				168	9		C163CA	01	C163CA	00	1	TT3	B3		138	XNF 163	
08307		XA305	07							168	9		C163CA	02	CQC030	01	2	TQ2	A3		03A		
08308		XA305	20		XA416	36				168	9		C164CA	01	CQC070	01	1	TQ2	B2		11A		
08309		XA416	36		XA435	31				168	9		C164CA	02	C164CA	00	1	TT3	C1		17A	XDT 164	
08310		XA435	31		XA238	36				168	9		C164CA	03	C452M0	01	2	TQ2	C3		158		
08311		XA238	36							168	9		C164CA	04	C223D0	01	1	TQ2	C2		17A		
08314		XA305	18		XA416	31				168	9		C165CA	01	CQC070	01	2	TQ2	B2		10A		
08315		XA416	31		XA435	29				168	9		C165CA	02	C165CA	00	1	TT3	C2		158	XIT 165	
08316		XA435	29		XA238	34				168	9		C165CA	03	C452M0	01	1	TQ2	C3		148		
08317		XA238	34							168	9		C165CA	04	C22300	01	2	TQ2	C2		16A		
08320		XA535	10		XA536	79				168	9		C166CA	00	C521U0	01	1	TQ2	A1		07A		
08321		XA536	79		XA419	56				168	9		C166CA	01	CQM4C0	01	1	TS8	F1		398		
08322		XA419	56		XA416	39				168	9		C166CA	02	C166C0	01	1	TQ2	D1		26A		
08323		XA416	39		XA407	14				168	9		C166CA	03	C166CA	00	1	TT3	C3		198	TSI 166	
08324		XA407	14		XA305	65				168	9		C166CA	04	CW9NF0	01	3	TQ4	B2		05A		
08325		XA305	65		XA304	49				168	9		C166CA	05	CQPR7A	01	1	TQ2	F3		348		
08326		XA304	49		XA217	59				168	9		C166CA	06	CQP070	01	8	TS8	D1		268		
18577		XA217	59		XA314	29				168	9		C166CA	07	CQC050	01	2	TT3	E3		318		
08327		XA314	29		XA230	10				168	9		C166CA	08	C344F0	01	1	TQ2	C3		148		
08328		XA230	10		XA243	74				168	9		C166CA	09	C237PA	01	1	TQ4	A1		07A		
08329		XA243	74							168	9		C166CA	10	C20200	01	4	TQ4	F2		358		
18586		XA226	11		XA305	26				168	9		C166C0	00	C236MA	01	1	TQ2	A4		058		
07957		XA305	26		XA419	52				168	9		C166C0	01	CSFOCA	01	1	TQ2	B1		14A		
08336		XA419	52		XA415	18				168	9		C166C0	02	C166C0	00	1	TQ2	D1		24A		
08337		XA415	18		XA415	19				168	9		C166C0	03	C166EA	01	2	TQ2	B2		10A		
08338		XA415	19		XA430	76				168	9		C166C0	04	C166FA	01	2	TQ2	B3		098		
08339		XA430	76							168	9		C166C0	05	C450XA	01	1	TQ2	F4		37A		

DRAWING NUMBER 149011-800
 UNIT ASSEMBLY NAME CARD CAGE ASSY,CPU R.H.

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UNIT ASSEMBLY NO 149011
 FILE IDENT T39B2CP2

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RECORD NUMBER	FROM			TO			WIRE			SIGNAL	SEQ NO	EQUATION	TERM	FACTOR	CKT OR CHW TYPE	GROUP	LOAD OR POWER PLANE	TEST POINTS AND OP	SIGNAL DESCRIPTION	ECO NO
	PREFIX	CONNECTOR	PIN	PREFIX	CONNECTOR	PIN	WIRE GROUP	CODE	COLOR											
08340		XA445	53		XA442	60		168	9		C166EA	01	C424M0	01	1	TQ2	E3	28B		
08341		XA442	60		XA442	42		168	9		C166EA	02	C424K0	01	6	TS8	E1	28A		
08342		XA442	42		XA437	46		168	9		C166EA	03	C404N0	01	1	YS8	C1	20A		
08343		XA437	46		XA437	73		168	9		C166EA	04	C457TA	01	3	TD4	D2	21A		
08344		XA437	73		XA437	77		168	9		C166EA	05	C457Q0	01	1	TD4	F2	36B		
08345		XA437	77		XA436	75		168	9		C166EA	06	C457P0	01	2	TD4	F1	38B		
08346		XA436	75		XA415	14		168	9		C166EA	07	C462K0	01	3	TS8	F1	37B		
08347		XA415	14					168	9		C166EA	08	C166EA	00	1	TQ2	B2	09A		
08348		XA543	79		XA539	18		168	9		C166FA	01	C510Q0	01	1	TQ2	F1	39B		
08349		XA539	18		XA535	78		168	9		C166FA	02	C512E0	01	5	YS8	B1	10A		
08350		XA535	78		XA404	68		168	9		C166FA	03	C522W0	01	2	TQ2	F4	38A		
08351		XA404	68		XA415	21		168	9		C166FA	04	C614G0	01	2	TS8	E1	32A		
08352		XA415	21		XA301	37		168	9		C166FA	05	C166FA	00	1	TQ2	B3	10B		
08353		XA301	37					168	9		C166FA	06	C612G0	01	8	TS8	C1	18B		
08356		XA416	50		XA301	08		168	9		C167CA	01	C167CA	00	1	TY3	D1	23A	YS0 167	
08357		XA301	08					168	9		C167CA	02	CQC060	01	2	TS8	A1	06A		
08360		XA419	48		XA416	43		168	9		C170CA	01	C170C0	01	2	TQ2	D2	22A		
08361		XA416	43		XA401	60		168	9		C170CA	02	C170CA	00	1	TY3	D2	23B	DEX 170	
08362		XA401	60		XA205	56		168	9		C170CA	03	C616E0	01	2	TY3	E2	28A		
08363		XA205	56					168	9		C170CA	04	CSL2LA	01	1	TY3	D1	28A		
08368		XA419	46		XA204	31		168	9		C170C0	01	C170C0	00	1	TQ2	D2	21A		
08369		XA204	31		XA206	23		168	9		C170C0	02	CSL3DA	01	2	TQ2	C3	15B		
08370		XA206	23		XA204	05		168	9		C170C0	03	CSL1DA	01	1	TQ2	B4	11B		
08371		XA204	05					168	9		C170C0	04	CSE2EA	01	2	TQ2	A2	03B		
08372		XA437	74		XA419	43		168	9		C171CA	01	C457Q0	01	4	TD4	F2	35B		
08373		XA419	43		XA416	51		168	9		C171CA	02	C171C0	01	2	TQ2	D3	23B		
08374		XA416	51					168	9		C171CA	03	C171CA	00	1	TY3	D3	27B	OFR 171	
08375		XA419	45		XA317	71		168	9		C171C0	01	C171C0	00	1	TQ2	D3	24B		
08376		XA317	71		XA317	65		168	9		C171C0	02	C703CA	01	2	TQ2	F2	36A		
08377		XA317	65		XA316	24		168	9		C171C0	03	C704CA	01	1	TQ2	F3	34B		
08378		XA316	24					168	9		C171C0	04	C304FA	01	2	TQ2	B1	13A		
18744		XA544	21		XA539	52		168	9		C172CA	00	C512YA	01	1	TY3	B3	10B		
18287		XA539	52		XA535	79		168	9		C172CA	001	C513E0	01	3	TS8	D1	24A		
08379		XA535	79		XA536	40		168	9		C172CA	01	CQW0F0	01	1	TQ2	F1	39B		
08380		XA536	40		XA535	37		168	9		C172CA	02	C522P0	01	2	TS8	C1	19A		
08381		XA535	37		XA436	50		168	9		C172CA	03	C527G0	01	2	TQ2	C4	18B		
17976		XA436	50		XA428	34		168	9		C172CA	04	C458G0	01	4	TS8	D1	23A		
17885		XA428	34		XA419	49		168	9		C172CA	05	CCE0H0	01	2	TQ2	C2	16A		
08384		XA419	49		XA416	64		168	9		C172CA	06	C172C0	01	2	TQ2	D4	26B		
08385		XA416	64		XA233	10		168	9		C172CA	07	C172CA	00	1	TY3	E1	30A	NBA 172	
08386		XA233	10		XA241	14		168	9		C172CA	08	C237K0	01	1	TS8	A1	07A		
								***		SIGNAL	C172CA		IS ON THE			NEXT PAGE	****			

DRAWING NUMBER 149011-800
 UNIT ASSEMBLY NAME CARD CAGE ASSY, CPU R.H.

STRING

UNIT ASSEMBLY NO 149011
 FILE IDENT T3982CP2

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RECORD NUMB. R	FROM				TO				W R F	MULTI GROUP	CODE	COLOR	IDENT	SIGNAL	SEC NO	EQUATION	3 R E T	C I T E	C O N T R O L T Y P E	G O P	LOAD OR POWER PLANE	TEST PC DATA AND/OR	SIGNAL DESCRIPTION	S C O N O
	PREFIX	CONNECTOR	PIN	WIRE	PREFIX	CONNECTOR	PIN	WIRE																
08387 17534		XA241	14		XA338	18				168	9		C172CA	09	C214N3	01	6	TS8	B1		09A			
		XA338	18							168	9		C172CA	10	CTE300	01	5	TS8	B1		10A			
08392		XA545	05		XA419	51				168	9		C172C0	01	C5030A	01	2	TQ2	A2		03B			
08393		XA419	51		XA316	08				168	9		C172C0	02	C172C0	00	1	TQ2	D4		27B			
08394		XA316	08							168	9		C172C0	03	C302CA	01	2	TQ2	A1		06A			
08395		XA401	70		XA415	74				168	9		C173CA	01	C617E0	01	1	TT3	E1		33A			
08396		XA415	74		XA416	55				168	9		C173CA	02	CSPIN3	01	2	TQ2	F3		35B			
08397		XA416	55		XA338	54				168	9		C173CA	03	C173CA	00	1	TT3	E2		29B	LL0 173		
17548		XA338	54		XA346	66				168	9		C173CA	031	CTE95A	01	2	TS8	D1		25A			
08398		XA346	66							168	9		C173CA	04	CTE1D0	01	3	TD4	E1		31A			
08401		XA306	26		XA401	53				168	9		C174CA	01	C349E0	01	1	TQ2	B1		14A			
08402		XA401	53		XA416	63				168	9		C174CA	02	C616E0	01	3	TT3	E2		28B			
08403		XA416	63		XA419	68				168	9		C174CA	03	C174CA	00	1	TT3	E3		33B	TCP 174		
08404		XA419	68		XA419	64				168	9		C174CA	04	C174C0	01	2	TQ2	E1		32A			
08405		XA419	64		XA419	55				168	9		C174CA	05	C174D0	01	1	TQ2	E2		30A			
08406		XA419	55		XA535	48				168	9		C174CA	06	C174E0	01	2	TQ2	E3		29B			
08407		XA535	48		XA337	73				168	9		C174CA	07	C528E0	01	2	TQ2	D2		22A			
08408		XA337	73		XA239	18				168	9		C174CA	08	CTESCA	01	1	TD4	F2		36B			
08409		XA239	18							168	9		C174CA	09	C237N0	01	2	TD4	B2		10A			
08414		XA419	66		XA204	48				168	9		C174C0	01	C174C0	00	1	TQ2	E1		31A			
08415		XA204	48		XA205	37				168	9		C174C0	02	CSL3MA	01	2	TQ2	D2		22A			
08416		XA205	37		XA207	40				168	9		C174C0	03	CSL2GA	01	3	TT3	C3		18B			
08417		XA207	40		XA207	20				168	9		C174C0	04	CSL2FA	01	2	TD4	C1		19A			
08418		XA207	20		XA205	23				168	9		C174C0	05	CSL1GA	01	1	TD4	B2		11A			
08419		XA205	23		XA238	17				168	9		C174C0	06	CSL1HA	01	2	TT3	B3		17B			
08420		XA238	17		XA234	34				168	9		C174C0	07	C219GA	01	1	TQ2	B3		08B			
08421		XA234	34		XA238	70				168	9		C174C0	08	C236KA	01	2	TQ2	C2		16A			
08422		XA238	70		XA240	53				168	9		C174C0	09	C226KA	01	1	TQ2	E1		33A			
08423		XA240	53		XA245	35				168	9		C174C0	10	C200XA	01	1	TQ2	E3		28B			
08424		XA245	35							168	9		C174C0	11	C200ZA	01	1	TQ2	C4		17B			
08425		XA504	33		XA419	60				168	9		C174D0	01	PTC77A	01	1	TT3	C3		16B			
08426		XA419	60		XA302	78				168	9		C174D0	02	C174D0	00	1	TQ2	E2		28A			
08427		XA302	78		XA302	47				168	9		C174D0	03	C612TA	01	2	TQ2	F4		38A			
08429		XA302	47		XA308	24				168	9		C174D0	05	C608FA	01	1	TQ2	D4		25B			
08430		XA308	24							168	9		C174D0	06	C350CA	01	2	TQ2	B1		13A			
08433		XA540	23		XA543	25				168	9		C174E0	01	C521TA	01	2	TT3	B3		11B			
08434		XA543	25		XA543	40				168	9		C174E0	02	C505PA	01	2	TQ2	B4		12B			
08435		XA543	40		XA544	59				168	9		C174E0	03	C506JA	01	2	TQ2	C1		19A			
08436		XA544	59		XA540	69				168	9		C174E0	04	C512UA	01	2	TT3	E3		31B			
08437		XA540	69		XA538	56				168	9		C174E0	05	C513DA	01	1	TT3	F3		35A			
08438		XA538	56		XA537	49				168	9		C174E0	06	C525GA	01	1	TD4	D1		26A			
08439		XA537	49		XA535	56				168	9		C174E0	07	C518JA	01	2	TQ2	D4		26B			
08440		XA535	56		XA419	57				168	9		C174E0	08	C527JA	01	1	TQ2	D1		26A			
08441		XA419	57							168	9		C174E0	09	C174E0	00	1	TQ2	E3		30B			

DRAWING NUMBER		149011-800		STRING		UNIT ASSEMBLY NO		149011		REV D		INDEX		C200TA									
UNIT ASSEMBLY NAME		CARD CAGE ASSY,CPU R.H.		FILE IDENT		T3982CP2		DATE		09-03-82		PAGE		179									
RECORD NUMBER	FROM			TO			WIRE			SIGNAL	SEQ NO	EQUATION	2 T 4	3 T 4	CR OR CHIP TYPE	PROP	LOAD OF POWER PLANE	TEST POINTS AND OP	SIGNAL DESCRIPTION	ECO NO			
	PREFIX	CONNECTOR	PIN	PREFIX	CONNECTOR	PIN	MULTI GROUP	CODE	COL IN												IDENT		
08527		XA240	60		XA237	43		16B	9		C200TA	05	C200TA	00	1	TQ2	E2		28A	SBF/SBH/SLF/SLK -			
08528		XA237	43		XA239	24		16B	9		C200TA	06	C224HJ	01	7	TS8	D1		23B				
08529		XA239	24					16B	9		C200TA	07	C237L0	01	2	TD4	B1		13A				
08532		XA245	51		XA240	62		16B	9		C200T0	01	C200T0	00	1	TQ2	D4		27B	SBF/SBH/SLF/SLH -			
08533		XA240	62					16B	9		C200T0	02	C200TA	01	2	TQ2	E2		29A				
08534		XA315	23		XA241	71		16B	9		C200UA	01	C345E0	01	2	TT3	B3		11B				
08535		XA241	71		XA240	38		16B	9		C200UA	02	C200M0	01	5	TS8	F1		36A				
08536		XA240	38					16B	9		C200UA	03	C200UA	00	1	TQ2	C1		18A	XPF/XNF/XEF/XUF -			
08539		XA245	30		XA240	40		16B	9		C200U0	01	C200U0	00	1	TQ2	C2		15A	XPF/XNF/XEF/XUF -			
08540		XA240	40					16B	9		C200U0	02	C200UA	01	2	TQ2	C1		19A				
08541		XA442	38		XA437	22		16B	9		C200VA	01	C404N0	01	3	TS8	C1		18A				
08542		XA437	22		XA339	42		16B	9		C200VA	02	C459D0	01	3	TD4	B1		12A				
08543		XA339	42		XA241	79		16B	9		C200VA	03	C7E3E0	01	1	TS8	C1		20A				
08544		XA241	79		XA238	40		16B	9		C200VA	04	C200M0	01	1	TS8	F1		39B				
08545		XA238	40		XA240	30		16B	9		C200VA	05	C222D3	01	2	TQ2	C1		19A				
08546		XA240	30		XA315	21		16B	9		C200VA	06	C200VA	00	1	TQ2	C2		15A	X10/X1T/X00/X0T -			
08547		XA315	21					16B	9		C200VA	07	C345E0	01	1	TT3	B3		10B				
08550		XA245	33		XA240	36		16B	9		C200V0	01	C200V0	00	1	TQ2	C3		16B	X10/X1T/X00/X0T -			
08551		XA240	36		XA234	54		16B	9		C200V0	02	C200VA	01	1	TQ2	C2		17A				
08552		XA234	54		XA229	05		16B	9		C200V0	03	C234DA	01	2	TQ2	D1		25A				
08553		XA229	05					16B	9		C200V0	04	C241EA	01	2	TQ2	A2		03B				
08554		XA536	71		XA539	48		16B	9		C200WA	01	CQM4C0	01	5	TS8	F1		36A				
08555		XA539	48		XA542	26		16B	9		C200WA	02	C510E0	01	5	TS8	D1		22A				
08556		XA542	26		XA546	49		16B	9		C200WA	03	C505G0	01	1	TS8	B1		14A				
08557		XA546	49		XA442	73		16B	9		C200WA	04	C510N0	01	4	TD4	D1		26B				
08558		XA442	73		XA436	72		15B	9		C200WA	05	C424L0	01	4	TS8	F1		36B				
08559		XA436	72		XA436	43		16B	9		C200WA	06	C462K0	01	6	TS8	F1		34A				
08560		XA436	43		XA338	24		16B	9		C200WA	07	C458G0	01	7	TS8	D1		23B				
08561		XA338	24		XA242	64		16B	9		C200WA	08	C7E3D0	01	2	TS8	B1		13A				
08562		XA242	64		XA240	33		16B	9		C200WA	09	C200N0	01	4	TS8	E1		30A				
08563		XA240	33		XA304	48		16B	9		C200WA	10	C200WA	00	1	TQ2	C3		16B	REF/RNF/RIF/REH/R			
08564		XA304	48					16B	9		C200WA	11	CQP070	01	5	TS8	D1		22A				
08567		XA244	39		XA240	31		16B	9		C200W0	01	C200W0	00	1	TT3	C3		19B	REF/RNF/RIF/REH/R			
08568		XA240	31					16B	9		C200W0	02	C200WA	01	2	TQ2	C3		19B				
08569		XA242	74		XA240	57		16B	9		C200XA	01	C200D0	01	7	TS8	F1		35B				
08570		XA240	57					16B	9		C200XA	02	C200XA	00	1	TQ2	E3		30B	(TCP).(ES15)			
08571		XA246	05		XA245	39		16B	9		C200ZA	01	CMA490	01	5	TS8	A1		03B				
08572		XA245	39		XA535	43		16B	9		C200ZA	02	C200ZA	00	1	TQ2	C4		19B				
08573		XA535	43					16B	9		C200ZA	03	C516A0	01	2	TQ2	D3		23B				
08576		XA243	37		XA240	39		16B	9		C201CA	01	CMA380	01	4	TD4	C1		18B				
											****	SIGNAL	C201CA	IS ON THE			NEXT PAGE	****					

DRAWING NUMBER 149011-800
 UNIT ASSEMBLY NAME CARD CAGE ASSY, CPU R.H.

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UNIT ASSEMBLY NO 149011
 FILE IDENT T3982CP2

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RECORD NUMBER	FROM				TO				WIRE				SIGNAL	SIG NO	EQUATION	3	4	CUT OFF TYPE	PROP	LOAD OR PULSE RISE TIME	TEST POINTS LOCATION	SIGNAL DESCRIPTION	ECO NO
	PREFIX	CONNECTOR	PIN	C/S	PREFIX	CONNECTOR	PIN	C/S	WIRE NO	LOGE	COLOR	IDENT											
08577		XA240	39										C201CA	02	C201CA	00	1	TQ2	C4		19B	RST ACSE DECODE -	
08578		XA245	21		XA240	35							C201C0	01	C201C0	00	1	TQ2	B3		10B	RST ACSE DECODE -	
08579		XA240	35										C201C0	02	C201CA	01	1	TQ2	C4		17B		
08580		XA245	19		XA240	22							C201DA	01	C201C0	01	2	TQ2	B3		09B		
08581		XA240	22										C201DA	02	C201DA	00	1	TQ2	B1		12A	(CGF/CSF).(ES00)	
08582		XA245	17		XA240	14							C201EA	01	C201C0	01	1	TQ2	B3		08B		
08583		XA240	14										C201EA	02	C201EA	00	1	TQ2	B2		09A	(CSF/CSH).(ES03)	
08584		XA244	09		XA244	18							C201F0	01	C216CA	01	1	TT3	A3		04B		
08585		XA244	18		XA245	27							C201F0	02	C217CA	01	1	TT3	B2		10A		
08586		XA245	27		XA240	24							C201F0	03	C201F0	00	1	TQ2	B4		13B	CLF/CSF - 0	
08587		XA240	24										C201F0	04	C201DA	01	2	TQ2	B1		13A		
08588		XA243	40		XA240	63							C202CA	01	CMA380	01	2	TD4	C1		19A		
08589		XA240	63										C202CA	02	C202CA	00	1	TQ2	E4		33B	(RAH/RSH/EXH/TSI)	
08590		XA243	69		XA240	61							C202D0	01	C202D0	00	1	TD4	F2		35A	RAH/RSH/EXH/TSI -	
08591		XA240	61										C202D0	02	C202CA	01	2	TQ2	E4		32B		
08592		XA248	19		XA240	52							C203CA	01	CMA290	01	7	TS8	B1		09B		
08593		XA240	52										C203CA	02	C203CA	00	1	TQ2	D1		24A	CLEAR AC DECODE -	
08594		XA244	50		XA240	54							C203C0	01	C203C0	00	1	TT3	D1		23A	CLEAR AC DECODE -	
08595		XA240	54										C203C0	02	C203CA	01	2	TQ2	D1		25A		
08596		XA244	54		XA240	46							C203DA	01	C203C0	01	2	TT3	D1		25A		
08597		XA240	46										C203DA	02	C203DA	00	1	TQ2	O2		21A	(MPF/MPH/RQF).(ES	
08598		XA244	52		XA240	45							C203EA	01	C203C0	01	3	TT3	D1		24A		
08599		XA240	45										C203EA	02	C203EA	00	1	TQ2	D3		24B	(LAF/LAH/LCF/LCH)	
08600		XA244	56		XA240	51							C203FA	01	C203C0	01	1	TT3	D1		26A		
08601		XA240	51										C203FA	02	C203FA	00	1	TQ2	D4		27B	(DIF/DIH).(ES07)	
08602		XA245	06		XA240	50							C203G0	01	C203G0	00	1	TQ2	A1		05A	MPF/MPH/RQF - 0	
08603		XA240	50										C203G0	02	C203DA	01	1	TQ2	D2		23A		
08604		XA447	61		XA447	61							C203HA	01	CQM2D0	01	8	TS8	E1		32B		
08605		XA447	61		XA442	40							C203HA	02	C450K0	01	4	TD4	E1		32B		
08606		XA442	40		XA436	46							C203HA	03	C404N0	01	2	TS8	C1		19A		
08607		XA436	46		XA339	40							C203HA	04	C458G0	01	6	TS8	D1		21A		
08608		XA339	40		XA233	70							C203HA	05	CYE3E0	01	2	TS8	C1		19A		
08609		XA233	70		XA237	38							C203HA	06	C233H0	01	1	TS8	E1		33A		
08610		XA237	38		XA239	22							C203HA	07	C220E0	01	3	TS8	C1		18A		
08611		XA239	22		XA240	21							C203HA	08	C237L0	01	3	TD4	B1		12A		
08612		XA240	21		XA312	73							C203HA	09	C203HA	00	1	TQ2	B3		10B	LAF/LAH/LCF/LCH -	
08613		XA312	73		XA301	36							C203HA	10	C310M0	01	1	TD4	F2		36B		
													****	SIGNAL	C203HA			IS ON THE	NEXT PAGE	****			

DRAWING NUMBER 149011-800
 UNIT ASSEMBLY NAME CARD CAGE ASSY,CPU R.H.

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RECORD NUMBER	FROM				TO				WIRE				SIGNAL	SEQ NO	EQUATION	TERMINATOR	FACTORY	CMT OR CHIP TYPE	GROUP	LOAD OR POWER PLANE	TEST POINTS AND OR	SIGNAL DESCRIPTION	ECO NO	
	PREFIX	CONNECTOR	PIN	WIRE NO	PREFIX	CONNECTOR	PIN	WIRE NO	MULTI GROUP	CODE	COLOR	IDENT												
08654		XA247	18		XA248	25		168	9				C210DA	02	CMB890	01	5	TS8	B1		10A			
08655		XA248	25		XA248	31		168	9				C210DA	03	CMA290	01	8	TS8	B1		12B			
08656		XA248	31		XA246	60		168	9				C210DA	04	CMA390	01	7	TS8	C1		15B			
08657		XA246	60		XA242	47		168	9				C210DA	05	CMA890	01	6	TS8	E1		28A			
08658		XA242	47					168	9				C210DA	06	C210DA	00	1	TS8	D1		25B		(RQF).(CK05)*.TES	
08659		XA248	22		XA248	37		168	9				C211CA	01	CMA290	01	3	TS8	B1		12A			
08660		XA248	37		XA248	50		168	9				C211CA	02	CMA390	01	8	TS8	C1		18B			
08661		XA248	50		XA246	62		168	9				C211CA	03	CMB490	01	4	TS8	D1		23A			
08662		XA246	62		XA248	70		168	9				C211CA	04	CMA890	01	5	TS8	E1		29A			
08663		XA248	70		XA248	74		168	9				C211CA	05	CMB590	01	1	TS8	E1		33A			
08664		XA248	74		XA247	74		168	9				C211CA	06	CMB690	01	7	TS8	F1		35B			
08665		XA247	74		XA243	45		168	9				C211CA	07	CMB390	01	7	TS8	F1		35B			
08666		XA243	45					168	9				C211CA	08	C211CA	00	1	TD4	D2		24B		(OIF/DIH).(ES06)	
08667		XA248	13		XA243	33		168	9				C212CA	01	CMA190	01	8	TS8	A1		06B			
08668		XA243	33		XA247	42		168	9				C212CA	02	C212CA	00	1	TD4	C2		16B		(MPF/WPH).(ES03)	
08669		XA247	42		XA247	60		168	9				C212CA	03	CMB090	01	1	TS8	C1		20A			
08670		XA247	60					168	9				C212CA	04	CMB290	01	6	TS8	E1		28A			
08671		XA248	05		XA241	47		168	9				C212DA	01	CMA190	01	5	TS8	A1		03B			
08672		XA241	47					168	9				C212DA	02	C212DA	00	1	TS8	D1		25B		(SHF).(RFT).(CK=0)	
08673		XA248	04		XA242	35		168	9				C212EA	01	CMA190	01	4	TS8	A1		04A			
08674		XA242	35					168	9				C212EA	02	C212EA	00	1	TS8	C1		17B		(SHF).(INL RT).(CK=0)	
08675		XA247	75		XA248	30		168	9				C213CA	01	CMB390	01	3	TS8	F1		37B			
08676		XA248	30		XA248	10		168	9				C213CA	02	CMA390	01	6	TS8	C1		15A			
08677		XA248	10		XA241	35		168	9				C213CA	03	CMA190	01	1	TS8	A1		07A			
08678		XA241	35					168	9				C213CA	04	C213CA	00	1	TS8	C1		17B		(OIF/DIH).(CK=0)*	
08679		XA248	06		XA248	34		168	9				C213DA	01	CMA190	01	3	TS8	A1		05A			
08680		XA248	34		XA247	34		168	9				C213DA	02	CMA390	01	5	TS8	C1		16A			
08681		XA247	34		XA243	21		168	9				C213DA	03	CMB090	01	5	TS8	C1		16A			
08682		XA243	21					168	9				C213DA	04	C213DA	00	1	TD4	B2		10B		(RQF).(ES02)	
08683		XA248	08		XA248	08		168	9				C213EA	01	CMA390	01	3	TS8	C1		18A			
08684		XA248	08		XA242	23		168	9				C213EA	02	CMA190	01	2	TS8	A1		06A			
08685		XA242	23					168	9				C213EA	03	C213EA	00	1	TS8	B1		11B		(SHF).(INL LFT).(C	
08686		XA246	68		XA240	01		168	9				C214CA	01	CMA890	01	2	TS8	E1		32A			
08687		XA240	01					168	9				C214CA	02	C214CA	00	1	TQ2	A2		02B		DB 00-31 TO AY 03	
08688		XA242	11		XA240	04		168	9				C214C0	01	C214C0	00	1	TS8	A1		05B		DB 00-31 TO AY 00	
08689		XA240	04					168	9				C214C0	02	C214CA	01	1	TQ2	A2		04A			
08690		XA242	05		XA240	09		168	9				C214DA	01	C214C0	01	5	TS8	A1		03B			
08691		XA240	09					168	9				C214DA	02	C214DA	00	1	TQ2	A3		04B		DB 00-31 TO AY 00	
08692		XA244	04		XA242	06		168	9				C214EA	01	C214EA	00	1	TT3	A1		04A		DB 00-31 TO AY 00	
								****		SIGNAL		C214EA			IS ON THE								NEXT PAGE	****

DRAWING NUMBER		UNIT ASSEMBLY NAME										STRING		UNIT ASSEMBLY NO		DATE		INDEX			
149011-800		CARD CAGE ASSY,CPU R.H.												149011		09-03-82		C214EA			
UNIT ASSEMBLY NAME		CARD CAGE ASSY,CPU R.H.										STRING		FILE IDENT		DATE		PAGE			
														T39B2CP2		09-03-82		183			
RECORD NUMBER	FROM			TO			W RE			SIGNAL	SEQ NO	EQUATION	B F	CATE	CAT OR CH.P TYPE	GROUP	LOAD OR POWER PLANE	TEST POINTS		SIGNAL DESCRIPTION	ECO NO
	PREFIX	CONNECTOR	PIN	PREFIX	CONNECTOR	PIN	MULT GROUP	CODE	COLOR									IDENT	AND		
08693		XA242	06		XA235	14		16B	9					TS8	A1			05A			
08694		XA235	14					16B	9					TS8	B1			09A			
08695		XA242	04		XA240	15		16B	9					TS8	A1			04A			
08696		XA240	15					16B	9					TQ2	A4			07B		(CLU/CLL).(ES02)	
08697		XA245	15		XA242	01		16B	9					TQ2	A4			07B		(CSF/CSI).(ES03)	
08698		XA242	01					16B	9					TS8	A1			02B			
08699		XA246	34		XA242	10		16B	9					TS8	C1			16A			
08700		XA242	10		XA238	06		16B	9					TS8	A1			07A			
08701		XA238	06					16B	9					TQ2	A1			05A		(CSF/CSI).(ES05)	
08702		XA246	54		XA242	08		16B	9					TS8	D1			25A			
08703		XA242	06		XA238	01		16B	9					TS8	A1			06A			
08704		XA238	01					16B	9					TQ2	A2			02B		(RQF).(ES06)	
08705		XA242	07		XA238	09		16B	9					TS8	A1			03A			
08706		XA238	09					16B	9					TQ2	A3			04B		(FEYCH STATE 04).	
08707		XA242	13		XA238	15		16B	9					TS8	A1			06B			
08708		XA238	15					16B	9					TQ2	A4			07B		FS00/L304 - A	
08709		XA238	13		XA236	06		16B	9					TQ2	A4			06B			
08710		XA236	06					16B	9					TQ2	A1			05A		FS00/L304 - 0	
08711		XA241	11		XA240	03		16B	9					TS8	A1			05B		DB 00-31 TO AY 00	
08712		XA240	03					16B	9					TQ2	A3			02A			
08713		XA244	08		XA241	23		16B	9					TT3	A1			06A			
08714		XA241	23					16B	9					TS8	B1			11B		DB 00-31 TO AY 00	
08715		XA241	18		XA236	01		16B	9					TS8	B1			10A			
08716		XA236	01					16B	9					TQ2	A2			02B		ALGEBRAIC FULL WC	
08717		XA237	11		XA236	04		16B	9					TS8	A1			05B		ALGEBRAIC FULL WC	
08718		XA236	04					16B	9					TQ2	A2			04A			
08719		XA241	25		XA236	09		16B	9					TS8	B1			12B			
08720		XA236	09					16B	9					TQ2	A3			04B		LOGICAL INSTRUCTI	
08721		XA237	23		XA236	07		16B	9					TS8	B1			11B		LOGICAL INSTRUCTI	
08722		XA236	07					16B	9					TQ2	A3			03A			
08723		XA436	55		XA238	22		16B	9					TS8	E1			29B			
08724		XA238	22		XA241	22		16B	9					TQ2	B1			12A		TIE/LOD/TXP/TCP -	
08725		XA241	22					16B	9					TS8	B1			12A			
08728		XA244	07		XA238	24		16B	9					TT3	A2			03A		TIE/LOD/TXP/TCP -	
08729		XA238	24					16B	9					TQ2	B1			13A			

DRAWING NUMBER 149011-800
 UNIT ASSEMBLY NAME CARD CAGE ASSY,CPU R.H.

STRING

UNIT ASSEMBLY NO 149011
 FILE IDENT T39B2CP2

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RECORD NUMBER	FROM				TO				WIRE				SIGNAL	SEQ NO	EQUATION	TERM	S	P	S	CKT OR CHIB TYPE	MOP	LOAD OR POWER PLANE	TEST POINTS AND OR	SIGNAL DESCRIPTION	ECO NO
	PREFIX	CONNECTOR	PIN	WIRE NO	PREFIX	CONNECTOR	PIN	WIRE NO	MULTI GROUP	CODE	COLOR	IDENT													
08730		XA247	77		XA248	71		168	9				C214SA	01	CMB390	01	2	TS8	F1			38B			
08731		XA248	71		XA248	61		168	9				C214SA	02	CMB690	01	5	TS8	F1			36A			
08732		XA248	61		XA246	64		168	9				C214SA	03	CMB590	01	8	TS8	E1			32B			
08733		XA246	64		XA248	49		168	9				C214SA	04	CMA890	01	4	TS8	E1			30A			
08734		XA248	49		XA243	11		168	9				C214SA	05	CMB490	01	8	TS8	D1			28B			
08735		XA243	11					168	9				C214SA	06	C214SA	00	1	TD4	A1			09B	(MPF/MPH).(ES04)		
08736		XA347	37		XA347	07		168	9				C214TA	01	CMG390	01	8	TS8	C1			18B			
08737		XA347	07		XA246	61		168	9				C214TA	02	CMG090	01	7	TS8	A1			03A			
08738		XA246	61		XA243	09		168	9				C214TA	03	CMA890	01	8	TS8	E1			32B			
08739		XA243	09					168	9				C214TA	04	C214TA	00	1	TD4	A2			04B	(FEF/FEH/FIF/FIH)		
08740		XA246	43		XA246	40		168	9				C215CA	01	CMA790	01	7	TS8	D1			23B			
08741		XA246	40		XA246	26		168	9				C215CA	02	CMA690	01	2	TS8	C1			19A			
08742		XA246	26		XA239	11		168	9				C215CA	03	CMA590	01	1	TS8	B1			14A			
08743		XA239	11					168	9				C215CA	04	C215CA	00	1	TD4	A1			09B	(RQF).(ES03)		
08744		XA246	36		XA244	15		168	9				C216CA	01	CMA690	01	4	TS8	C1			17A			
08745		XA244	15					168	9				C216CA	02	C216CA	00	1	TY3	A3			07B	(CLF/CSF).(ES01).		
08746		XA246	46		XA244	19		168	9				C217CA	01	CMA790	01	6	TS8	D1			21A			
08747		XA244	19		XA243	70		168	9				C217CA	02	C217CA	00	1	TY3	B2			09B	(CLF/CSF).(ES01).		
08748		XA243	70					168	9				C217CA	03	CMA580	01	1	TD4	E1			33A			
08749		XA246	30		XA236	15		168	9				C218CA	01	CMA690	01	6	TS8	C1			15A			
08750		XA236	15		XA243	66		168	9				C218CA	02	C218CA	00	1	TQ2	A4			07B	(RQF).(ES00)		
08751		XA243	66		XA308	76		168	9				C218CA	03	CMA580	01	3	TD4	E1			31A			
18649		XA308	76		XA402	10		168	9				C218CA	04	C615CA	01	1	TQ2	F4			37A			
17692		XA402	10					168	9				C218CA	05	C614CA	01	1	TQ2	A1			07A			
08752		XA246	66		XA246	56		168	9				C219CA	01	CMA890	01	3	TS8	E1			31A			
08753		XA246	56		XA246	42		168	9				C219CA	02	CMA790	01	1	TS8	D1			26A			
08754		XA246	42		XA236	22		168	9				C219CA	03	CMA690	01	1	TS8	C1			20A			
08755		XA236	22					168	9				C219CA	04	C219CA	00	1	TQ2	B1			12A	MASK TO AY 16-31		
08756		XA236	24		XA235	11		168	9				C219C0	01	C219CA	01	2	TQ2	B1			13A			
08757		XA235	11					168	9				C219C0	02	C219C0	00	1	TS8	A1			09B	MASK TO AY 16-31		
08758		XA236	14		XA235	04		168	9				C219DA	01	C219DA	00	1	TQ2	B2			09A	(SBY/RBY/YSZ/YSO)		
08759		XA235	04					168	9				C219DA	02	C219C0	01	4	TS8	A1			04A			
08760		XA236	21		XA235	13		168	9				C219EA	01	C219EA	00	1	TQ2	B3			10B	(TQR).(ES03)		
08761		XA235	13					168	9				C219EA	02	C219C0	01	8	TS8	A1			06B			
08762		XA238	14		XA236	18		168	9				C219F0	01	C219F0	00	1	TQ2	B2			09A	SBY/RBY/YSZ/YSO		
08763		XA236	18					168	9				C219F0	02	C219DA	01	2	TQ2	B2			10A			
08764		XA238	21		XA235	06		168	9				C219GA	01	C219GA	00	1	TQ2	B3			10B	(TCP).(ES14)		
								****		SIGNAL		C219GA			S ON THE							NEXT PAGE	****		

DRAWING NUMBER		149011-800		STRING		UNIT ASSEMBLY NO		149011		REV D		INDEX		C219GA										
UNIT ASSEMBLY NAME		CARD CAGE ASSY, CPU R.H.				FILE IDENT		T39B2CP2		DATE		09-33-82		PAGE		185								
RECORD NUMBER	FROM				TO				WIRE				SIGNAL	SEQ NO	EQUATION	TERM	FACTOR	CMT OR CHP TYPE	GROUP	LOAD OR POWER PLANE	TEST POINTS AND/OR	SIGNAL DESCRIPTION	ECO NO	
	PREFIX	CONNECTOR	PIN	WIRE NO	PREFIX	CONNECTOR	PIN	WIRE NO	MULTI GROUP	CODE	COLOR	IDENT												SPEC INST
08765		XA235	06						16B	9				C219GA	02	C219C0	01	3	TS8	A1		05A		
08766		XA246	45		XA236	27			16B	9				C220CA	01	CMA790	01	8	TS8	D1		26B		
08767		XA236	27						16B	9				C220CA	02	C220CA	03	1	TQ2	B4		13B	DB 16-31 TO AY 16	
08768		XA238	27		XA236	25			16B	9				C220C0	01	C220C0	00	1	TQ2	B4		13B	DB 16-31 TO AY 16	
08769		XA236	25						16B	9				C220C0	02	C220CA	01	2	TQ2	B4		12B		
08770		XA238	25		XA235	23			16B	9				C220DA	01	C220C0	01	2	TQ2	B4		12B		
08771		XA235	23						16B	9				C220DA	02	C220DA	00	1	TS8	B1		11B	DB 16-31 TO AY 16	
08772		XA237	35		XA235	20			16B	9				C220E0	01	C220E0	00	1	TS8	C1		17B	DB 16-31 TO AY 16	
08773		XA235	20						16B	9				C220E0	02	C220DA	01	4	TS8	B1		11A		
08774		XA246	48		XA246	37			16B	9				C221AA	01	CMA790	01	5	TS8	D1		22A		
08775		XA246	37		XA239	09			16B	9				C221AA	02	CMA690	01	8	TS8	C1		18B		
08776		XA239	09						16B	9				C221AA	03	C221AA	00	1	TD4	A2		04B	(CLH/CSH).(ES01).	
08777		XA246	50		XA244	27			16B	9				C221CA	01	CMA790	01	4	TS8	D1		23A		
08778		XA244	27		XA246	19			16B	9				C221CA	02	C221CA	00	1	TT3	B3		13B	(CLH/CSH).(ES01).	
08779		XA246	19		XA239	05			16B	9				C221CA	03	CMA590	01	7	TS8	B1		09B		
08780		XA239	05						16B	9				C221CA	04	C221AA	01	2	TD4	A2		03B		
08781		XA244	25		XA236	38			16B	9				C221D0	01	C221CA	01	3	TT3	B3		12B		
08782		XA236	38		XA239	07			16B	9				C221D0	02	C221D0	00	1	TQ2	C1		18A	CLH/CSH - 5	
08783		XA239	07						16B	9				C221D0	03	C221AA	01	4	TD4	A2		03A		
08784		XA246	24		XA236	30			16B	9				C222CA	01	CMA590	01	2	TS8	B1		13A		
08785		XA236	30						16B	9				C222CA	02	C222CA	00	1	TQ2	C2		15A	(X10/XD0/X11/XD1)	
08786		XA238	38		XA236	34			16B	9				C222D0	01	C222D0	00	1	TQ2	C1		18A	X10/XD0/X11/XD1	
08787		XA236	34						16B	9				C222D0	02	C222CA	01	2	TQ2	C2		16A		
08788		XA236	33		XA243	68			16B	9				C223CA	01	C223CA	00	1	TQ2	C3		16B	(X11/XD1).(ES01)	
08789		XA243	68						16B	9				C223CA	02	CMA580	01	2	TD4	E1		32A		
08790		XA238	30		XA236	31			16B	9				C223D0	01	C223D0	00	1	TQ2	C2		15A	X11/XD1 - 0	
08791		XA236	31						16B	9				C223D0	02	C223CA	01	2	TQ2	C3		15B		
08792		XA246	31		XA238	33			16B	9				C224CA	01	CMA690	01	7	TS8	C1		15B		
08793		XA238	33						16B	9				C224CA	02	C224CA	00	1	TQ2	C3		16B	ADDER TO AY SE-31	
08794		XA238	31		XA235	35			16B	9				C224C0	01	C224CA	01	2	TQ2	C3		15B		
08795		XA235	35						16B	9				C224C0	02	C224C0	03	1	TS8	C1		17B	ADDER TO AY SE-31	
08796		XA236	39		XA235	36			16B	9				C224DA	01	C224DA	00	1	TQ2	C4		19B	ADDER TO AY SE-31	
08797		XA235	36						16B	9				C224DA	02	C224C0	01	4	TS8	C1		17A		
08798		XA238	39		XA235	42			16B	9				C224EA	01	C224EA	00	1	TQ2	C4		19B	(CGF/CGH).(ES03)	
08799		XA235	42						16B	9				C224EA	02	C224C0	01	1	TS8	C1		20A		

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RECORD NUMBER	FROM			TO			WIRE				MULTI GROUP	COLOR	IDENT	SIGNAL	SFG NO	EQUATION	TERM	FACTOR	CAT OR CHIP TYPE	JUMP	LOAD OR POWER PLANT	TEST POINTS AND OR	SIGNAL DESCRIPTION	ECO NO
	PREFIX	CONNECTOR	PIN	PREFIX	CONNECTOR	PIN	WIRE NO	WIRE CODE	WIRE COLOR	WIRE IDENT														
08800		XA231	18		XA236	52			168	9			C224FA	01	C238C0	01	5	TS8	B1			10A		
08801		XA236	52		XA235	40			168	9			C224FA	02	C224FA	00	1	TQ2	D1			24A	(DIF/DIH).(ES10)	
08802		XA235	40		XA435	49			168	9			C224FA	03	C224C0	01	2	TS8	C1			14A		
08803		XA435	49		XA443	79			168	9			C224FA	04	C450U0	01	2	TQ2	D4			26B		
08804		XA443	79						168	9			C224FA	05	C404C0	01	1	TS8	F1			39B		
08805		XA238	52		XA235	38			168	9			C224GA	01	C224GA	00	1	TQ2	D1			24A	(FS04).(MODE 3)F	
08806		XA235	38						168	9			C224GA	02	C224C0	01	3	TS8	C1			18A		
08807		XA237	47		XA236	35			168	9			C224H0	01	C224H0	00	1	TS8	D1			25B	ADDER TO AY SE-31	
08808		XA236	35						168	9			C224H0	02	C224D0	01	1	TQ2	C4			17B		
08809		XA246	25		XA238	46			168	9			C225CA	01	C4A590	01	8	TS8	B1			12B		
08810		XA238	46						168	9			C225CA	02	C225CA	00	1	TQ2	D2			21A	(LAF/LAH).(ES02)	
08811		XA247	61		XA236	46			168	9			C226CA	01	CMB290	01	8	TS8	E1			32B		
08812		XA236	46						168	9			C226CA	02	C226CA	00	1	TQ2	D2			21A	DB 00-31 TO AQ 00	
08813		XA236	50		XA235	47			168	9			C226C0	01	C226CA	01	1	TQ2	D2			23A		
08814		XA235	47						168	9			C226C0	02	C226C0	00	1	TS8	D1			25B	DB 00-31 TO AQ 00	
08815		XA236	45		XA235	48			168	9			C226DA	01	C226DA	00	1	TQ2	D3			24B	DB 00-31 TO AQ 00	
08816		XA235	48						168	9			C226DA	02	C226C0	01	5	TS8	D1			22A		
08817		XA236	51		XA235	49			168	9			C226EA	01	C226EA	00	1	TQ2	D4			27B	(DEV/DEX/ITR/DFR)	
08818		XA235	49						168	9			C226EA	02	C226C0	01	8	TS8	D1			26B		
08819		XA238	51		XA235	54			168	9			C226FA	01	C226FA	00	1	TQ2	D4			27B	DB 00-31 TO AQ 00	
08820		XA235	54						168	9			C226FA	02	C226C0	01	2	TS8	D1			25A		
08821		XA238	66		XA235	52			168	9			C226HA	01	C226HA	00	1	TQ2	E1			31A	(POP).(ES04)	
08822		XA235	52						168	9			C226HA	02	C226C0	01	3	TS8	D1			24A		
08823		XA238	60		XA235	50			168	9			C226JA	01	C226JA	00	1	TQ2	E2			28A	(FIF/FIH).(ES06)	
08824		XA235	50						168	9			C226JA	02	C226C0	01	4	TS8	D1			23A		
08825		XA236	66		XA235	56			168	9			C226KA	01	C226KA	00	1	TQ2	E1			31A	(YCP).(ES11)	
08826		XA235	56						168	9			C226KA	02	C226C0	01	1	TS8	D1			26A		
08827		XA237	59		XA236	43			168	9			C226L0	01	C226L0	00	1	TS8	E1			31B	MPY/DVD/RQF/SHIFT	
08828		XA236	43						168	9			C226L0	02	C226DA	01	2	TQ2	D3			23B		
08829		XA437	01		XA236	60			168	9			C226MA	01	C462J0	01	3	TD4	A2			02B		
08830		XA236	60		XA231	08			168	9			C226MA	02	C226MA	00	1	TQ2	E2			28A	DEV/DEX/ITR/DFR	
08831		XA231	08						168	9			C226MA	03	C237R0	01	2	TS8	A1			06A		
08832		XA236	62		XA236	47			168	9			C226M0	01	C226MA	01	2	TQ2	E2			29A		
08833		XA236	47		XA238	45			168	9			C226M0	02	C226EA	01	1	TQ2	D4			25B		
									****			SIGNAL	C226M0		IS ON THE							****		

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RECORD NUMBER	FROM			TO			WIRE			SIGNAL	SEQ NO	EQUATION	E F	S I	C K T OR CHIP TYPE	GROUP	LOAD OR POWER PLANE	TEST POINTS AND/OR	SIGNAL DESCRIPTION	ECO NO			
	PREFIX	CONNECTOR	PIN	PREFIX	CONNECTOR	PIN	W I	MULTI GROUP	CODE												COL OR	IDENT	
08834		XA238	45		XA234	19			168	9								24B	DEV/DEX/ITR/DFR				
08835		XA234	19						168	9								09B					
08836		XA239	59		XA238	47			168	9								31B	(DIF/SHF).CC12*/C				
08837		XA238	47						168	9								25B					
08838		XA239	66		XA236	57			168	9								31A					
08839		XA236	57						168	9								30B	DIF.CC12* - A				
08840		XA239	68		XA238	57			168	9								32A					
08841		XA238	57						168	9								30B	SHF.CC12* - A				
08842		XA247	49		XA238	63			168	9								26B					
08843		XA238	63						168	9								33B	(SHF).(ES02)				
08844		XA247	40		XA247	55			168	9								19A					
08845		XA247	55		XA235	59			168	9								29B					
08846		XA235	59						168	9								31B	(RT. SHIFT).(CK=0				
08847		XA236	63		XA235	64			168	9								33B	(SHIFT/FORMAT).(A				
08848		XA235	64						168	9								30A					
08849		XA247	38		XA247	62			168	9								18A					
08850		XA247	62		XA238	75			168	9								29A					
08851		XA238	75						168	9								37B	(RQFT).(ES05)				
08852		XA247	36		XA237	76			168	9								17A					
08853		XA237	76						168	9								37A	(LEFT SHIFT).(CK=				
08854		XA239	69		XA237	77			168	9								35A	(SHIFT/FORMAT).(N				
08855		XA237	77						168	9								38B					
08856		XA247	37		XA236	75			168	9								18B					
08857		XA236	75						168	9								37B	SLOW AQ LEFT SHIF				
08858		XA244	80		XA236	79			168	9								39A	SLOW AQ LEFT SHIF				
08859		XA236	79						168	9								39B					
08860		XA247	56		XA244	69			168	9								26A					
08861		XA244	69		XA239	57			168	9								35A					
08862		XA239	57						168	9								30B	(NORMALIZE).(CK=0				
08863		XA244	78		XA238	72			168	9								38A					
08864		XA238	72						168	9								34A	(DIF/DIH).(ES03)				
08865		XA247	31		XA247	46			168	9								15B					
08866		XA247	46		XA239	47			168	9								21A					
08867		XA239	47						168	9								25B	(DIF/DIH).(ES05)				
08868		XA244	76		XA236	72			168	9								37A					
											****	SIGNAL	C229JA	IS ON THE NEXT PAGE ****									

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RECORD NUMBER	FROM				TO				WIRE				SIGNAL	SEQ NO	LOCATION	3	2	1	TYP	LOAD OR PORE PLANE	TEST POINTS AND/OR	SIGNAL DESCRIPTION	TCO NO
	PREFIX	CONNECTOR	PIN	WIRE	PREFIX	CONNECTOR	PIN	WIRE	GROUP	CODE	COLOR	IDENT											
08869		XA236	72							168	9		C229JA	02	C229JA	00	1	TQ2	F2	34A	(TRQF).(FS01)		
08870		XA248	66		XA238	69				168	9		C230CA	01	CMB590	01	3	TS8	E1	31A			
08871		XA238	69							168	9		C230CA	02	C230CA	00	1	TQ2	F3	35A	AL 00 TO AK CB DE		
08872		XA238	74		XA236	69				168	9		C230C0	01	C230CA	01	2	TQ2	F3	35B			
08873		XA236	69							168	9		C230C0	02	C230C0	00	1	TQ2	F3	39A	AL 00 TO AK CB DE		
08874		XA234	45		XA236	65				168	9		C230DA	01	C230DA	00	1	TD4	D2	24B	(ADD/SUBTRACT).IC		
08875		XA236	65							168	9		C230DA	02	C230C0	01	1	TQ2	F3	34B			
08876		XA238	80		XA236	74				168	9		C230EA	01	C230EA	00	1	TQ2	F4	39A	(FETCH STATE 04).		
08877		XA236	74							168	9		C230EA	02	C230C0	01	2	TQ2	F3	35B			
08878		XA248	68		XA236	80				168	9		C231CA	01	CMB590	01	2	TS8	E1	32A			
08879		XA236	80							168	9		C231CA	02	C231CA	00	1	TQ2	F4	39A	(DIF/DIH).(ES03)		
08880		XA248	46		XA234	75				168	9		C232CA	01	CMB490	01	6	TS8	D1	21A			
08881		XA234	75							168	9		C232CA	02	C232CA	00	1	TQ2	F1	37B	ADD CONTROL DECOD		
08882		XA230	59		XA234	77				168	9		C232C0	01	C232C0	00	1	TD4	E1	31B			
08883		XA234	77							168	9		C232C0	02	C232CA	01	2	TQ2	F1	38B			
08884		XA230	66		XA234	72				168	9		C232DA	01	C232C0	01	3	TD4	E1	31A			
08885		XA234	72							168	9		C232DA	02	C232DA	00	1	TQ2	F2	34A	ADD CONTROL DECOD		
08886		XA230	68		XA234	69				168	9		C232EA	01	C232C0	01	2	TD4	E1	32A			
08887		XA234	69							168	9		C232EA	02	C232EA	00	1	TQ2	F3	35A	(FEF/FEH/FIF/FIH)		
08888		XA234	71		XA231	76				168	9		C232F0	01	C232DA	01	2	TQ2	F2	36A			
08889		XA231	76							168	9		C232F0	02	C232F0	00	1	TS8	F1	37A	ADD CONTROL DECOD		
08890		XA234	80		XA231	75				168	9		C232GA	01	C232GA	00	1	TQ2	F4	39A	EOF/EOH/REF/REH -		
08891		XA231	75							168	9		C232GA	02	C232F0	01	3	TS8	F1	37B			
08892		XA234	78		XA232	75				168	9		C232G0	01	C232GA	01	2	TQ2	F4	38A			
08893		XA232	75		XA229	13				168	9		C232G0	02	C232G0	00	1	TQ2	F1	37B	EOF/EOH/REF/REH -		
08894		XA229	13							168	9		C232G0	03	C242CA	01	2	TQ2	A4	06B			
08895		XA231	71		XA234	66				168	9		C232HA	01	C232F0	01	5	TS8	F1	36A			
08896		XA234	66		XA231	52				168	9		C232HA	02	C232HA	00	1	TQ2	E1	31A	ANF/ANH/RNF/RNH -		
08897		XA231	52							168	9		C232HA	03	C239G0	01	3	TS8	D1	24A			
08898		XA234	70		XA232	72				168	9		C232HO	01	C232HA	01	1	TQ2	E1	33A			
08899		XA232	72							168	9		C232HO	02	C232HO	00	1	TQ2	F2	34A	ANF/ANH/RNF/RNH -		
08900		XA248	48		XA308	75				168	9		C232JA	01	CMB490	01	5	TS8	D1	22A			
08901		XA308	75							168	9		C232JA	02	C232JA	00	1	TQ2	F1	37B	(SSF).(ES02)		
08904		XA248	52		XA248	60				168	9		C233CA	01	CMB490	01	3	TS8	D1	24A			
										****	SIGNAL		C233CA		S ON THE					****			

DRAWING NUMBER		149011-800		STRING		UNIT ASSEMBLY NO.		149011		REV D		INDEX		C233CA											
UNIT ASSEMBLY NAME		CARD CAGE ASSY, CPU R.H.		FILE IDENT		T39B2CP2		DATE		09-03-82		PAGE		189											
RECORD NUMBER	PREFIX	CONNECTOR	PIH	PIN	PREFIX	CONNECTOR	PIH	PIN	MULTI-BURST	CODE	COLOR	IDENT	SIGNAL	SEQ NO	EQUATION	3	8	CKT OR CHIP TYPE	GROUP	LOAD OR POWER PLANE	TEST POINTS AND/OR	SIGNAL DESCRIPTION	ECO NO		
08905		XA248	60		XA232	69				168	9		C233CA	02	CMB590	01	6	TS8	E1		28A	SBTCT CONTROL DEC			
08906		XA232	69							168	9		C233CA	03	C233CA	00	1	TQ2	F3		35A				
08907		XA233	76		XA232	74				168	9		C233C0	01	C233C0	00	1	TS8	F1		37A	SBTCT CONTROL DEC			
08908		XA232	74							168	9		C233C0	02	C233CA	01	2	TQ2	F3		35B				
08909		XA233	72		XA232	60				168	9		C233DA	01	C233C0	01	6	TS8	F1		34A	SBTCT CONTROL DEC			
08910		XA232	60							168	9		C233DA	02	C233DA	00	1	TQ2	E2		28A				
08911		XA233	74		XA232	57				168	9		C233EA	01	C233C0	01	7	TS8	F1		35B	(CGF/CGH).(ES03)			
08912		XA232	57							168	9		C233EA	02	C233EA	00	1	TQ2	E3		30B				
08913		XA233	71		XA232	63				168	9		C233FA	01	C233C0	01	5	TS8	F1		36A	(CSF/CSH).(ES05)			
08914		XA232	63							168	9		C233FA	02	C233FA	00	1	TQ2	E4		33B				
08915		XA233	78		XA232	80				168	9		C233GA	01	C233C0	01	8	TS8	F1		38A	(F1F/F1H).(ES06)			
08916		XA232	80							168	9		C233GA	02	C233GA	00	1	TQ2	F4		35A				
08917		XA233	59		XA232	62				168	9		C233HO	01	C233HO	00	1	TS8	E1		31B	SBTCT CONTROL DEC			
08918		XA232	62							168	9		C233HO	02	C233DA	01	2	TQ2	E2		29A				
08919		XA234	60		XA233	62				168	9		C233JA	01	C233JA	00	1	TQ2	E2		28A	COMPARE INSTRUCTI			
08920		XA233	62							168	9		C233JA	02	C233HO	01	5	TS8	E1		29A				
08921		XA239	35		XA234	62				168	9		C233JO	01	C233JO	00	1	TQ4	C1		17B	COMPARE INSTRUCTI			
08922		XA234	62							168	9		C233JO	02	C233JA	01	2	TQ2	E2		29A				
08923		XA234	57		XA233	64				168	9		C233KA	01	C233KA	00	1	TQ2	E3		30B	SBF/SBH/SLF/SLH/R			
08924		XA233	64							168	9		C233KA	02	C233HO	01	4	TS8	E1		30A				
08925		XA234	55		XA229	66				168	9		C233KO	01	C233KA	01	2	TQ2	E3		29B	SBF/SBH/SLF/SLH/R			
08926		XA229	66							168	9		C233KO	02	C233KO	00	1	TQ2	E1		31A				
08927		XA248	56		XA247	72				168	9		C234CA	01	CMB490	01	1	TS8	D1		26A	ARITH. CNTL CODES			
08928		XA247	72		XA234	63				168	9		C234CA	02	CMB390	01	6	TS8	F1		34A				
08929		XA234	63							168	9		C234CA	03	C234CA	00	1	TQ2	E4		33B				
08930		XA234	59		XA232	52				168	9		C234C0	01	C234CA	01	1	TQ2	E4		31B	ARITH. CNTL CODES			
08931		XA232	52		XA234	43				168	9		C234C0	02	C234C0	00	1	TQ2	D1		24A				
08932		XA234	43							168	9		C234C0	03	C235CA	01	2	TQ2	D3		23B				
08933		XA234	52		XA232	56				168	9		C234DA	01	C234DA	00	1	TQ2	D1		24A	(X1T/X10/X0T/X00)			
08934		XA232	56							168	9		C234DA	02	C234C0	01	1	TQ2	D1		26A				
08935		XA234	46		XA232	54				168	9		C234EA	01	C234EA	00	1	TQ2	D2		21A	(OVD/SHIFT/CGF/CG			
08936		XA232	54							168	9		C234EA	02	C234C0	01	2	TQ2	D1		25A				
08937		XA244	63		XA234	50				168	9		C234F0	01	C234F0	00	1	TT3	E3		33B	DIF/DIH/SHF/SHH/C			
08938		XA234	50							168	9		C234F0	02	C234EA	01	1	TQ2	D2		23A				
													****	SIGNAL	C235CA	IS ON THE NEXT PAGE ****									

DRAWING NUMBER		149011-800										STRING		UNIT ASSEMBLY NO		149011		REV D		INDEX		C235CA	
UNIT ASSEMBLY NAME		CARD CAGE ASSY, CPU R.H.										FILE IDENT		T3982CP2		DATE		09-03-82		PAGE		190	
RECORD NUMBER	FROM				TO				WIRE				SIGNAL	SQU NO	EQUATION	TERM	CMT OR CHIP TYPE	GROUP	LOAD OR POWER PLANE	TEST POINTS		SIGNAL DESCRIPTION	ECO NO
	PREFIX	CONNECTOR	PIN	2 3	PREFIX	CONNECTOR	PIN	2 3	MULTI GROUP	CODE	COLOR	IDENT								INSTR	AND OR		
08939		XA248	62			XA234	45			168	9			C235CA	01	CMB590	01	5	TSB	E1	29A		
08940		XA234	45							168	9			C235CA	02	C235CA	00	1	TQ2	D3	24B		ARITH. CNTL CODE
08941		XA234	41			XA232	46			168	9			C23500	01	C235CA	01	1	TQ2	D3	22B		
08942		XA232	46							168	9			C23500	02	C23500	00	1	TQ2	D2	21A		XOT/XOO/SHF/SHH
08943		XA247	19			XA232	43			168	9			C236CA	01	CMB890	01	7	TSB	B1	09B		
08944		XA232	45							168	9			C236CA	02	C236CA	00	1	TQ2	D3	24B		AC 00-31 TO DB 00
08945		XA233	47			XA232	43			168	9			C236C0	01	C236C0	00	1	TSB	D1	25B		AC 00-31 TO DB 00
08946		XA232	43							168	9			C236C0	02	C236CA	01	2	TQ2	D3	23B		
08947		XA233	34			XA232	51			168	9			C236DA	01	C236C0	01	2	TSB	D1	25A		
08948		XA232	51							168	9			C236DA	02	C236DA	00	1	TQ2	D4	27B		(IOF/IOH/RIF/RIH/
08949		XA234	51			XA233	52			168	9			C236EA	01	C236EA	00	1	TQ2	D4	27B		(EXF/EXH).(ES04)
08950		XA233	52							168	9			C236EA	02	C236C0	01	3	TSB	D1	24A		
08951		XA233	46			XA232	38			168	9			C236FA	01	C236C0	01	6	TSB	D1	21A		
08952		XA232	38							168	9			C236FA	02	C236FA	00	1	TQ2	C1	18A		(MPF/SHF-SNC/SHH-
08953		XA235	43			XA233	56			168	9			C236GA	01	C226C0	01	7	TSB	D1	23B		
08954		XA233	56			XA229	30			168	9			C236GA	02	C236C0	01	1	TSB	D1	26A		
08955		XA229	30							168	9			C236GA	03	C236GA	00	1	TQ2	C2	15A		(DIF/DIH).(ES07)
08956		XA244	43			XA232	47			168	9			C236H0	01	C236H0	00	1	TT3	D2	23B		IOF/IOH/RIF/RIH/S
08957		XA232	47							168	9			C236H0	02	C236DA	01	1	TQ2	D4	25B		
08958		XA234	38			XA232	40			168	9			C236J0	01	C236J0	00	1	TQ2	C1	18A		MPF/SHF-SNC/SHH-S
08959		XA232	40							168	9			C236J0	02	C236FA	01	2	TQ2	C1	19A		
08960		XA233	48			XA234	30			168	9			C236KA	01	C236C0	01	5	TSB	D1	22A		
08961		XA234	30			XA233	22			168	9			C236KA	02	C236KA	00	1	TQ2	C2	15A		(YCP).(ES16)
08962		XA233	22							168	9			C236KA	03	C237C0	01	3	TSB	B1	12A		
08963		XA247	22			XA233	35			168	9			C236LA	01	CMB890	01	3	TSB	B1	12A		
08964		XA233	35							168	9			C236LA	02	C236LA	00	1	TSB	C1	17B		(SHF).(SNC).(ES0
08965		XA226	15			XA233	43			168	9			C236MA	01	C236MA	00	1	TQ2	A4	07B		
17094		XA233	43							168	9			C236MA	02	C236C0	01	7	TSB	D1	23B		
08965		XA247	13			XA234	22			168	9			C237CA	01	CMB790	01	8	TSB	A1	06B		
08966		XA234	22							168	9			C237CA	02	C237CA	00	1	TQ2	B1	12A		AY 00-31 TO DB 00
08967		XA234	24			XA233	23			168	9			C237C0	01	C237CA	01	2	TQ2	B1	13A		
08968		XA233	23							168	9			C237C0	02	C237C0	00	1	TSB	B1	11B		AY 00-31 TO DB 00
08969		XA233	18			XA232	33			168	9			C237DA	01	C237C0	01	5	TSB	B1	10A		
08970		XA232	33							168	9			C237DA	02	C237DA	00	1	TQ2	C3	16B		AY 00-31 TO DB 00
												****	SIGNAL	(C237EA)	IS ON THE	NEXT PAGE	****						

DRAWING NUMBER 149011-800
UNIT ASSEMBLY NAME CARD CAGE ASSY,CPU R.H.

STRING

UNIT ASSEMBLY NO 149011
FILE IDENT T3982CP2

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RECORD NUMBER	FROM				TO				WIRE			SIGNAL	SEG NO	EQUATION	I	T	S	C	L	P	TEST POINTS (AND JP)	SIGNAL DESCRIPTION	ECO NO	
	PREFIX	CONNECTOR	PIN	WIRE NO	PREFIX	CONNECTOR	PIN	WIRE NO	CODE	COL IN	IDENT													
08971	XA233	19			XA229	39			168	9		C237EA	01	C237C0	01	7	TS8	B1		09B				
08972	XA229	39							168	9		C237EA	02	C237EA	00	1	TQ2	C4		19B	AY 00-31 TO DB 00			
08973	XA234	33			XA233	25			168	9		C237FA	01	C237FA	00	1	TQ2	C3		16B	AY 00-31 TO DB 00			
08974	XA233	25							168	9		C237FA	02	C237C0	01	8	TS8	B1		12B				
08975	XA234	39			XA233	24			168	9		C237GA	01	C237GA	00	1	TQ2	C4		19B	(RQF/LOD)-(ES04)			
08976	XA233	24							168	9		C237GA	02	C237C0	01	2	TS8	B1		13A				
08977	XA234	14			XA233	14			168	9		C237HA	01	C237HA	00	1	TQ2	B2		09A	(DIF/DIH/TIE/TXP/			
08978	XA233	14							168	9		C237HA	02	C237C0	01	6	TS8	B1		09A				
08979	XA239	33			XA232	29			168	9		C237J0	01	C237J0	00	1	TQ4	C2		16B	AY 00-31 TO JB 00			
08980	XA232	29							168	9		C237J0	02	C237DA	01	1	TQ2	C3		14B				
08981	XA233	11			XA229	35			168	9		C237K0	01	C237K0	00	1	TS8	A1		05B	AY 00-31 TO DB 00			
08982	XA229	35							168	9		C237K0	02	C237EA	01	1	TQ2	C4		17B				
08983	XA239	23			XA234	29			168	9		C237L0	01	C237L0	00	1	TQ4	B1		11B	AY 00-31 TO DB 00			
08984	XA234	29							168	9		C237L0	02	C237FA	01	1	TQ2	C3		14B				
08985	XA234	37			XA232	22			168	9		C237M0	01	C237GA	01	2	TQ2	C4		18B				
08986	XA232	22							168	9		C237M0	02	C237M0	00	1	TQ2	B1		12A	RQF/LOD - 0			
08987	XA239	21			XA234	18			168	9		C237N0	01	C237N0	00	1	TQ4	B2		10B	DIF/DIH/YIE/TXP/Y			
08988	XA234	18							168	9		C237N0	02	C237HA	01	2	TQ2	B2		10A				
08989	XA239	31			XA230	11			168	9		C237PA	01	C237J0	01	4	TQ4	C2		15B				
08990	XA230	11							168	9		C237PA	02	C237PA	00	1	TQ4	A1		05B	(XFR TYPE INS).(M			
08991	XA239	30			XA232	14			168	9		C237QA	01	C237J0	01	3	TQ4	C2		15A				
08992	XA232	14							168	9		C237QA	02	C237QA	00	1	TQ2	B2		09A	(FMT/SFT/BYTE/I-C			
08993	XA232	18			XA231	11			168	9		C237R0	01	C237QA	01	2	TQ2	B2		10A				
08994	XA231	11							168	9		C237R0	02	C237R0	00	1	TS8	A1		05B	FMT/SFT/BYTE/I-0/			
08995	XA248	77			XA229	21			168	9		C238CA	01	CMB690	01	2	TS8	F1		38B				
08996	XA229	21							168	9		C238CA	02	C238CA	00	1	TQ2	B3		10B	AQ 00-31 TO DB 00			
08997	XA232	03			XA231	23			168	9		C238C0	01	C240CA	01	1	TQ2	A3		02A				
08998	XA231	23			XA229	19			168	9		C238C0	02	C238C0	00	1	TS8	B1		11B	AQ 00-31 TO DB 00			
08999	XA229	19							168	9		C238C0	03	C238CA	01	2	TQ2	B3		09B				
09000	XA342	33			XA234	21			168	9		C238DA	01	CTRL90	01	1	TT3	C3		16B				
09001	XA234	21			XA231	20			168	9		C238DA	02	C238DA	00	1	TQ2	B3		10B	(DEC/OEX/ITR/DFR)			
09002	XA231	20							168	9		C238DA	03	C238C0	01	4	TS8	B1		11A				
09003	XA234	27			XA231	24			168	9		C238EA	01	C238EA	00	1	TQ2	B4		13B	(SHF-SNC/SHH-SNC/			
09004	XA231	24							168	9		C238EA	02	C238C0	01	2	TS8	B1		13A				
												****	SIGNAL	C238FA	IS ON THE NEXT PAGE ****									

DRAWING NUMBER 149011-800
 UNIT ASSEMBLY NAME CARD CAGE ASSY, CPU R.H.

STRING

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RECORD NUMBER	FROM			TO			WIRE				SIGNAL	SEQ NO	EQUATION	TERM	FACT	CUT 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											
09005		XA230	47		XA231	22		168	9		C238FA	01	C238FA	00	1	T04	D1	25B			
09006		XA231	22					168	9		C238FA	02	C238C0	01	3	TS8	B1	12A			
09007		XA234	06		XA231	14		168	9		C238GA	01	C238GA	00	1	TQ2	A1	05A	(RQF).(ES06)		
09008		XA231	14					168	9		C238GA	02	C238C0	01	6	TS8	B1	09A			
09009		XA234	01		XA231	26		168	9		C238HA	01	C238HA	00	1	TQ2	A2	02B	(FIF/FIH).(ES10)		
09010		XA231	26		XA231	38		168	9		C238HA	02	C238C0	01	1	TS8	B1	14A			
09011		XA231	38					168	9		C238HA	03	C239C0	01	3	TS8	C1	18A			
09012		XA247	20		XA248	79		168	9		C238JA	01	CMB290	01	4	TS8	B1	11A			
09013		XA248	79		XA230	09		168	9		C238JA	02	CMB690	01	1	TS8	F1	39B			
09014		XA230	09					168	9		C238JA	03	C238JA	00	1	T04	A2	04B	(SHR).(ES04)		
09015		XA234	23		XA229	27		168	9		C238K0	01	C238EA	01	1	TQ2	B4	11B			
09016		XA229	27					168	9		C238K0	02	C238K0	00	1	TQ2	B4	13B	SHF-SNC/SHM-SNC/S		
09017		XA230	49		XA244	36		168	9		C238L0	01	C238FA	01	1	T04	D1	26B			
09018		XA244	36					168	9		C238L0	02	C238L0	00	1	T13	C1	17A	PRM7/SHF/CSF/CSH		
09019		XA248	72		XA247	25		168	9		C239CA	01	CMB690	01	6	TS8	F1	34A			
09020		XA247	25		XA234	09		168	9		C239CA	02	CMB890	01	8	TS8	B1	12B			
09021		XA234	09					168	9		C239CA	03	C239CA	00	1	TQ2	A3	04B	AG 00-31 TO DB 00		
09022		XA234	03		XA232	07		168	9		C239C0	01	C239CA	01	1	TQ2	A3	02A			
09023		XA232	07		XA231	35		168	9		C239C0	02	C240CA	01	2	TQ2	A3	03A			
09024		XA231	35					168	9		C239C0	03	C239C0	00	1	TS8	C1	17B	AG 00-31 TO DB 00		
09025		XA234	15		XA231	36		168	9		C239DA	01	C239DA	00	1	TQ2	A4	07B	AG 00-31 TO DB 00		
09026		XA231	36					168	9		C239DA	02	C239C0	01	4	TS8	C1	17A			
09027		XA232	06		XA231	31		168	9		C239EA	01	C239EA	00	1	TQ2	A1	05A	(CSF/CSH/TQR).(ES		
09028		XA231	31					168	9		C239EA	02	C239C0	01	7	TS8	C1	15B			
09029		XA232	01		XA231	30		168	9		C239FA	01	C239FA	00	1	TQ2	A2	02B	(FEF/FEH/FIF/FIH)		
09030		XA231	30					168	9		C239FA	02	C239C0	01	6	TS8	C1	15A			
09031		XA234	11		XA231	47		168	9		C239G0	01	C239DA	01	1	TQ2	A4	05B			
09032		XA231	47					168	9		C239G0	02	C239G0	00	1	TS8	D1	25B	AG 00-31 TO DB 00		
09033		XA244	31		XA232	10		168	9		C239H0	01	C239H0	00	1	T13	C2	15B	CSF/CSH/TQR/SSF-0		
09034		XA232	10					168	9		C239H0	02	C239EA	01	1	TQ2	A1	07A			
09035		XA247	04		XA232	09		168	9		C240CA	01	CMB790	01	4	TS8	A1	04A			
09036		XA232	09					168	9		C240CA	02	C240CA	00	1	TQ2	A3	04B	OR AG AND AQ VIA		
09037		XA248	75		XA247	06		168	9		C241CA	01	CMB690	01	3	TS8	F1	37B			
09038		XA247	06		XA232	15		168	9		C241CA	02	CMB790	01	3	TS8	A1	05A			
09039		XA232	15					168	9		C241CA	03	C241CA	00	1	TQ2	A4	07B	AD 00-31 TO DB 00		
								****	SIGNAL		C241C0		IS ON THE	NEXT PAGE	****						

DRAWING NUMBER 149011-800
 UNIT ASSEMBLY NAME CARD CAGE ASSY,CPU R.H.

STRING

UNIT ASSEMBLY NO 149011
 FILE IDENT T3982CP2

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RECORD NUMBER	FROM			TO			MULTI GROUP	WIRE	COLOR	IDENT	SIGNAL	SEQ NO	EQUATION	TYPE	TO	CMT OR SHP TYPE	GROUP	LOAD CP POWER PLANE	TEST POINTS LOCATION	SIGNAL DESCRIPTION	FCO NO			
	PREFIX	CONNECTOR	PIN	PREFIX	CONNECTOR	PIN																		
09040		XA232	13		XA230	23		168	9		C241CO	01	C241CA	01	2	TQ2	A4		04B					
09041		XA230	23					168	9		C241CO	02	C241CO	00	1	TD4	B1		11B	AD 00-31 TO 0B 00				
09042		XA230	24		XA229	06		168	9		C241DA	01	C241CO	01	2	TD4	B1		13A					
09043		XA229	06					168	9		C241DA	02	C241DA	00	1	TQ2	A1		05A	(RAF/RAH/RSF/RSH)				
09044		XA230	25		XA229	01		168	9		C241EA	01	C241CO	01	4	TD4	B1		12B					
09045		XA229	01					168	9		C241EA	02	C241EA	00	1	TQ2	A2		02B	(XIO/XIT/XDO/XDT)				
09046		XA230	22		XA229	09		168	9		C241FA	01	C241CO	01	3	TD4	B1		12A					
09047		XA229	09					168	9		C241FA	02	C241FA	00	1	TQ2	A3		04B	(FETCH STATE J4)				
09048		XA248	73		XA247	26		168	9		C242CA	01	CMB890	01	4	TS8	F1		36B					
09049		XA247	26		XA247	08		168	9		C242CA	02	CMB890	01	1	TS8	B1		14A					
09050		XA247	08		XA229	15		168	9		C242CA	03	CMB790	01	2	TS8	A1		06A					
09051		XA229	15					168	9		C242CA	04	C242CA	00	1	TQ2	A4		07B	AT 00-31 TO 0B 00				
09052		XA408	30		XA408	20		168	9		C302CA	01	CMC390	01	6	TS8	C1		15A					
09053		XA408	20		XA316	06		168	9		C302CA	02	CMC290	01	4	TS8	B1		11A					
09054		XA316	06					168	9		C302CA	03	C302CA	00	1	TQ2	A1		05A	RST/SET CN06				
18360		XA530	60		XA408	01		168	9		C303CA	00	CN083A	01	2	TT3	E2		28A					
09055		XA408	01		XA316	01		168	9		C303CA	01	CMC190	01	6	TS8	A1		02B					
09056		XA316	01					168	9		C303CA	02	C303CA	00	1	TQ2	A2		02B	RST/SET CN08				
18359		XA530	72		XA408	71		168	9		C304CA	00	CN103A	01	2	TT3	F2		34A					
09057		XA408	71		XA408	70		168	9		C304CA	01	CMC890	01	5	TS8	F1		36A					
09058		XA408	70		XA316	09		168	9		C304CA	02	CMC790	01	1	TS8	E1		33A					
09059		XA316	09					168	9		C304CA	03	C304CA	00	1	TQ2	A3		04B	RST/SET CN10				
09062		XA317	38		XA316	07		168	9		C304CO	01	C304CO	00	1	TQ2	C1		18A					
09063		XA316	07					168	9		C304CO	02	C304CA	01	2	TQ2	A3		03A					
09064		XA317	40		XA316	15		168	9		C304DA	01	C304CO	01	2	TQ2	C1		19A					
09065		XA316	15					168	9		C304DA	02	C304DA	00	1	TQ2	A4		07B	E2.(DEV/DEX/ITR)				
09066		XA317	30		XA316	11		168	9		C304E0	01	C304E0	00	1	TQ2	C2		19A	DEV/DEX/ITR				
09067		XA316	11					168	9		C304E0	02	C304DA	01	1	TQ2	A4		05B					
09068		XA317	42		XA316	22		168	9		C304FA	01	C304CO	01	1	TQ2	C1		20A					
09069		XA316	22					168	9		C304FA	02	C304FA	00	1	TQ2	B1		12A	E3.0FR				
09070		XA409	25		XA409	20		168	9		C306CA	01	CMC590	01	4	TD4	B1		12B					
09071		XA409	20		XA316	14		168	9		C306CA	02	CMC690	01	1	TD4	B2		11A					
09072		XA316	14					168	9		C306CA	03	C306CA	00	1	TQ2	B2		09A	SET CN12				
09073		XA316	18		XA315	04		168	9		C306CO	01	C306CA	01	2	TQ2	B2		10A					
09074		XA315	04					168	9		C306CO	02	C306CO	00	1	TT3	A1		04A					
09075		XA315	06		XA310	04		168	9		C306DA	01	C306CO	01	3	TT3	A1		05A					
											****	SIGNAL	(C306DA)	IS ON THE NEXT PAGE ****										

DRAWING NUMBER 149011-800
 UNIT ASSEMBLY NAME CARD CAGE ASSY, CPU R.H.

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UNIT ASSEMBLY NO 149011
 FILE IDENT T3982CP2

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RECORD NUMBER	FROM			TO			WIRE		MULTI GROUP	CODE	COLOR	IDENT	SIGNAL	SFG NO	EQUATION	TERMS	FACTORS	CAT OR CHIP TYPE	GROUP	LOAD OR POWER PLANS	TEST POINTS AND OR	SIGNAL DESCRIPTION	ECO NO				
	PREFIX	CONNECTOR	PIN	PREFIX	CONNECTOR	PIN	WIRE NO	WIRE COLOR																			
09076		XA310	04				168	9					C306DA	02	C306DA	00	1	TT3	A1		09A	EL.MOOD.SISUW.ITR					
09077		XA542	34		XA436	79	168	9					C306EA	01	C507G0	01	5	TS8	C1		18A						
09078		XA436	79		XA316	21	168	9					C306EA	02	C462K0	01	1	TS8	F1		39B						
09079		XA316	21		XA313	14	168	9					C306EA	03	C306EA	00	1	TQ2	B3		10B						
09080		XA313	14		XA313	04	168	9					C306EA	04	C307D0	01	6	TS8	B1		09A						
09081		XA313	04				168	9					C306EA	05	C306H0	01	4	TS8	A1		09A						
09084		XA316	19		XA312	23	168	9					C306E0	01	C306EA	01	2	TQ2	B3		09B						
09085		XA312	23				168	9					C306E0	02	C306E0	00	1	TQ4	B1		11B						
09086		XA305	25		XA304	50	168	9					C306FA	01	CQC110	01	2	TQ2	B4		12B						
09087		XA304	50		XA314	69	168	9					C306FA	02	CQP070	01	4	TS8	D1		23A						
09088		XA314	69		XA442	74	168	9					C306FA	03	C306FA	00	1	TQ2	F3		35A						
09089		XA442	74		XA542	14	168	9					C306FA	04	C424L0	01	7	TS8	F1		35B						
09090		XA542	14		XA546	56	168	9					C306FA	05	C505G0	01	6	TS8	B1		09A						
09091		XA546	56				168	9					C306FA	06	C510N0	01	1	TQ4	D1		26A						
09094		XA338	14		XA313	70	168	9					C306GA	01	CQM4C0	01	7	TS8	F1		35B						
09095		XA313	70		XA312	74	168	9					C306GA	02	C308K0	01	1	TS8	E1		33A						
09096		XA312	74		XA309	55	168	9					C306GA	03	C310M0	01	4	TQ4	F2		35B						
09097		XA309	55		XA310	26	168	9					C306GA	04	C336G0	01	7	TS8	E1		29B						
09098		XA310	26		XA315	13	168	9					C306GA	05	CQC140	01	1	TT3	B1		14A						
09099		XA315	13		XA316	27	168	9					C306GA	06	C306L0	01	3	TT3	A3		06B						
09100		XA316	27		XA338	14	168	9					C306GA	07	C306GA	03	1	TQ2	B4		13B						
09101		XA338	14		XA237	49	168	9					C306GA	08	CTE300	01	6	TS8	B1		09A						
09102		XA237	49		XA235	26	168	9					C306GA	09	C224H0	01	8	TS8	D1		26B						
09103		XA235	26		XA241	07	168	9					C306GA	10	C220DA	01	1	TS8	B1		14A						
09104		XA241	07				168	9					C306GA	11	C214M0	01	7	TS8	A1		03A						
09109		XA314	33		XA317	35	168	9					C306G0	01	C306FA	01	2	TQ2	F3		35B						
09110		XA317	35		XA316	25	168	9					C306G0	02	C306G0	00	1	TQ2	C3		16B	RA/RS					
09111		XA316	25		XA229	10	168	9					C306G0	03	C306GA	01	2	TQ2	B4		12B						
09112		XA229	10				168	9					C306G0	04	C241DA	01	1	TQ2	A1		07A						
09113		XA316	38		XA305	23	168	9					C306HA	01	C306HA	00	1	TQ2	C1		19A						
09114		XA305	23		XA304	55	168	9					C306HA	02	CQC110	01	1	TQ2	B4		11B						
09115		XA304	55				168	9					C306HA	03	CQP060	01	7	TS8	E1		29B						
09116		XA316	40		XA313	11	168	9					C306H0	01	C306HA	01	2	TQ2	C1		19A						
09117		XA313	11		XA310	08	168	9					C306H0	02	C306H0	03	1	TS8	A1		05B	6F/M/P/F/SH/C/T/D/E					
09118		XA310	08				168	9					C306H0	03	C306DA	01	2	TT3	A1		06A						
09119		XA316	30		XA315	08	168	9					C306JA	01	C306JA	00	1	TQ2	C2		15A	E3.(INSTR)					
09120		XA315	08				168	9					C306JA	02	C306C0	01	2	TT3	A1		06A						
09121		XA547	55		XA542	30	168	9					C306KA	01	CQM2D0	01	7	TS8	E1		29B						
09122		XA542	30		XA338	26	168	9					C306KA	02	C507G0	01	6	TS8	C1		15A						
09123		XA338	26		XA312	72	168	9					C306KA	03	CTE300	01	1	TS8	B1		14A						
09124		XA312	72		XA313	62	168	9					C306KA	04	C310M0	01	3	TQ4	F2		34A						
													****	SIGNAL	C306KA	IS ON THE NEXT PAGE ****											

DRAWING NUMBER 149011-800
UNIT ASSEMBLY NAME CARD CAGE ASSY,CPU R.H.

STRING

UNIT ASSEMBLY NO. 149011
FILE IDENT T3982CP2

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RECORD NUMBER	FROM				TO				MULTI GROUP	WIRE	SIGNAL	SEQ NO	EQUATION	Z R W T	E C U N K	C K T OR CHIP TYPE	GROUP	LOAD OR POWER P. PLANE	TEST POINTS AND OP	SIGNAL DESCRIPTION	ECO NO
	PREFIX	CONNECTOR	PIN	WIRE	PREFIX	CONNECTOR	PIN	WIRE													
09125		XA313	62		XA316	33			168 9	C306KA	05	C308K0	01 5	TS8	E1			29A			
09126		XA316	33		XA315	11			168 9	C306KA	06	C306KA	00 1	TQ2	C3			16B			
09127		XA315	11		XA313	05			168 9	C306KA	07	C306L0	01 2	TT3	A3			05B			
09128		XA313	05		XA310	22			168 9	C306KA	08	C306H0	01 5	TS8	A1			03B			
09129		XA310	22						168 9	C306KA	09	CQC140	01 5	TT3	B1			12A			
09134		XA316	29		XA312	21			168 9	C306K0	01	C306KA	01 1	TQ2	C3			14B			
09135		XA312	21						168 9	C306K0	02	C306K0	00 1	TQ4	B2			10B	AD/SB/AL/SL		
09136		XA316	36		XA315	15			168 9	C306L0	01	C306JA	01 1	TQ2	C2			17A			
09137		XA315	15						168 9	C306L0	02	C306L0	00 1	TT3	A3			07B	AD/SB/AL/SL/MYH		
09138		XA316	35		XA315	10			168 9	C306MA	01	C306MA	00 1	TQ2	C4			19B	E5.MP		
09139		XA315	10						168 9	C306MA	02	C306C0	01 1	TT3	A1			07A			
09140		XA408	34		XA408	13			168 9	C307CA	01	CMC390	01 5	TS8	C1			16A			
09141		XA408	13		XA316	52			168 9	C307CA	02	CMC190	01 8	TS8	A1			06B			
09142		XA316	52						168 9	C307CA	03	C307CA	00 1	TQ2	D1			24A	CLE CN1215		
09143		XA316	56		XA313	23			168 9	C307D0	01	C307CA	01 1	TQ2	D1			26A			
09144		XA313	23						168 9	C307D0	02	C307D0	00 1	TS8	B1			11B	ROW1/ROW2/7E/6E/L		
09145		XA316	46		XA313	20			168 9	C307EA	01	C307EA	00 1	TQ2	D2			21A			
09146		XA313	20						168 9	C307EA	02	C307D0	01 4	TS8	B1			11A			
09147		XA316	50		XA312	47			168 9	C307E0	01	C307EA	01 1	TQ2	D2			23A			
09148		XA312	47						168 9	C307E0	02	C307E0	00 1	TQ4	D1			25B	FE/FT/SH/RQF		
09149		XA408	60		XA409	26			168 9	C308CA	01	CMC790	01 6	TS8	E1			28A			
09150		XA409	26		XA316	45			168 9	C308CA	02	CMC590	01 1	TQ4	B1			14A			
09151		XA316	45						168 9	C308CA	03	C308CA	00 1	TQ2	D3			24B	SET CN13 CODE 101		
09152		XA316	41		XA313	35			168 9	C308C0	01	C308CA	01 1	TQ2	D3			22B			
09153		XA313	35		XA314	78			168 9	C308C0	02	C308C0	00 1	TS8	C1			17B			
09154		XA314	78						168 9	C308C0	03	C311CA	01 2	TQ2	F4			38A			
09155		XA315	20		XA313	30			168 9	C308DA	01	C308DA	00 1	TT3	B1			11A	E1.M0D0.S1S0*(IN		
09156		XA313	30						168 9	C308DA	02	C308C0	01 6	TS8	C1			15A			
09157		XA316	51		XA313	37			168 9	C308EA	01	C308EA	00 1	TQ2	D4			27B	E2.(INSTR)		
09158		XA313	37						168 9	C308EA	02	C308C0	01 8	TS8	C1			18B			
09159		XA317	52		XA313	42			168 9	C308FA	01	C308FA	00 1	TQ2	D1			24A	E3.(CLU/CLL)		
09160		XA313	42						168 9	C308FA	02	C308C0	01 1	TS8	C1			20A			
09161		XA317	46		XA313	40			168 9	C308GA	01	C308GA	00 1	TQ2	D2			21A	E5-(CGF/CGH)		
09162		XA313	40						168 9	C308GA	02	C308C0	01 2	TS8	C1			19A			
09163		XA317	45		XA313	38			168 9	C308HA	01	C308HA	00 1	TQ2	D3			24B	E6.(CSF/CSH)		
09164		XA313	38		XA313	74			168 9	C308HA	02	C308C0	01 3	TS8	C1			18A			
											****	SIGNAL	C308HA	IS ON THE NEXT PAGE			****				

DRAWING NUMBER 149011-800
UNIT ASSEMBLY NAME CARD CAGE ASSY, CPU R.H.

STRING

UNIT ASSEMBLY NO. 149011
ELEMENT T39B2CP2

REV D
DATE 09-03-82

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RECORD NUMBER	FROM			TO			WIRE			SIGNAL	SIG NO	EQUATION	3 P C	B C K	C W P T I T L E	T O P	L O A D O R I N E P L A N E	T E S T P O I N T S	SIGNAL DESCRIPTION	ECO NO	
	PREFIX	CONNECTOR	PIN	PREFIX	CONNECTOR	PIN	M U L T I P L I C A T I O N	C O D E	C O L U M N												I D E N T
09165		XA313	74								C308HA	03	C310C0	01	7	TS8	F1	35B			
09166		XA317	51		XA304	14					C308JA	01	C308JA	03	1	TQ2	04	27B			
09167		XA304	14								C308JA	02	CQC150	01	6	TS8	B1	09A			
09168		XA317	47		XA315	22					C308JO	01	C308JA	01	1	TQ2	04	25B			
09169		XA315	22		XA301	76					C308JO	02	C308DA	01	3	TT3	B1	12A			
09170		XA301	76								C308JO	03	C308JO	00	1	TS8	F1	37A	F/SH/LD/LA/LMH		
09171		XA316	49		XA313	59					C308KO	01	C308EA	01	2	TQ2	04	26B			
09172		XA313	59								C308KO	02	C308KO	00	1	TS8	E1	31B	AD/SB7AL/SL7A7RS		
09173		XA338	08		XA316	66					C308LA	01	CYE2J0	01	2	TS8	A1	06A			
09174		XA316	66		XA313	68					C308LA	02	C308LA	00	1	TQ2	E1	31A			
09175		XA313	68		XA312	78					C308LA	03	C308KO	01	2	TS8	E1	32A			
09176		XA312	78		XA308	61					C308LA	04	C310J0	01	4	T04	F1	38A			
09177		XA308	61		XA307	37					C308LA	05	C311EJ	01	2	TQ2	E4	32B			
09178		XA307	37								C308LA	06	CQC160	01	4	T04	C1	18B			
09179		XA317	66		XA316	68					C308L0	01	C308L0	00	1	TQ2	E1	31A	CM/CLF/CLH		
09180		XA316	68								C308L0	02	C308LA	01	2	TQ2	E1	32A			
09181		XA338	06		XA316	60					C308MA	01	CYE2D0	01	3	TS8	A1	05A			
09182		XA316	60		XA304	18					C308MA	02	C308MA	00	1	TQ2	E2	28A			
09183		XA304	18		XA306	08					C308MA	03	CQC150	01	5	TS8	B1	10A			
09184		XA306	08		XA305	04					C308MA	04	CQCNC0	01	2	TQ2	A1	06A			
09185		XA305	04								C308MA	05	CQCND0	01	1	TQ2	A2	04A			
09186		XA315	19		XA316	53					C308MO	01	C308MO	00	1	TT3	B2	09B	107E07AN		
09187		XA316	53		XA316	62					C308MO	02	C308NA	01	1	TQ2	E3	28B			
09188		XA316	62		XA311	77					C308MO	03	C308MA	01	2	TQ2	E2	29A			
09189		XA311	77								C308MO	04	C310KA	01	2	TQ2	F1	38B			
09190		XA316	57		XA313	66					C308NA	01	C308NA	00	1	TQ2	E3	30B	MOD0.SISO*.8M		
09191		XA313	66								C308NA	02	C308KO	01	3	TS8	E1	31A			
09192		XA408	55		XA409	24					C308PA	01	CMC790	01	7	TS8	E1	29B			
09193		XA409	24		XA316	63					C308PA	02	CMC590	01	2	T04	B1	13A			
09194		XA316	63								C308PA	03	C308PA	00	1	TQ2	E4	33B	FAST WDP, E2.(NP/		
09195		XA317	60		XA316	61					C308Q0	01	C308Q0	00	1	TQ2	E2	28A	HP/RQF		
09196		XA316	61								C308Q0	02	C308PA	01	2	TQ2	E4	32B			
09197		XA408	64		XA316	75					C309DA	01	CMC790	01	4	TS8	E1	30A			
09198		XA316	75								C309DA	02	C309DA	00	1	TQ2	F1	37B	SET CN13 COD 0010		
09199		XA408	62		XA316	72					C309EA	01	CMC790	01	5	TS8	E1	29A			
09200		XA316	72								C309EA	02	C309EA	00	1	TQ2	F2	34A	SET CN13 COD 0010		
09201		XA408	74		XA409	22					C310CA	01	CMC890	01	7	TS8	F1	35B			
											****	SIGNAL	C310CA								S ON THE NEXT PAGE ****

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DRAWING NUMBER 149011-800
UNIT ASSEMBLY NAME CARD CAGE ASSY,CPU R.H.

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RECORD NUMBER	FROM				TO				WIRE		MULTI GROUP	CODE	COLOR	IDENT	SPEC. UNIT	SIGNAL	SEQ NO	EQUATION	TERM	FAC	CCT OR CHIP TYPE	GROUP	LOAD OR POWER PLANE	TEST POINTS AND/OR	SIGNAL DESCRIPTION	ECO NO				
	PREFIX	CONNECTOR	PIN	1	PREFIX	CONNECTOR	PIN	1																						
09202		XA409	22			XA316	69				168	9			C310CA	02	CMC590	01	3	T04	B1		12A							
09203		XA316	69								168	9			C310CA	03	C310CA	00	1	TQ2	F3		35A	SET CNI4						
09204		XA316	74			XA313	76				168	9			C310C0	01	C310CA	01	2	TQ2	F3		35B							
09205		XA313	76								168	9			C310C0	02	C310C0	00	1	TS8	F1		37A							
09206		XA316	80			XA313	79				168	9			C310DA	01	C310DA	00	1	TQ2	F4		39A	E1.(INSTR)						
09207		XA313	79								168	9			C310DA	02	C310C0	01	1	TS8	F1		39B							
09208		XA316	78			XA315	73				168	9			C310E0	01	C310DA	01	2	TQ2	F4		38A							
09209		XA315	73								168	9			C310E0	02	C310E0	00	1	TT3	F1		36B	10F/SMH/SD						
09210		XA317	57			XA315	77				168	9			C310FA	01	C310FA	00	1	TQ2	E3		30B	MOD0.SISO*(10G)						
09211		XA315	77								168	9			C310FA	02	C310E0	01	2	TT3	F1		38B							
09212		XA317	55			XA309	76				168	9			C310G0	01	C310FA	01	2	TQ2	E3		29B							
09213		XA309	76								168	9			C310G0	02	C310G0	00	1	TS8	F1		37A	F/SH/LD/LMH						
09214		XA314	75			XA313	75				168	9			C310HA	01	C310HA	00	1	TQ2	F1		37B							
09215		XA313	75								168	9			C310HA	02	C310C0	01	3	TS8	F1		37B							
09216		XA314	79			XA312	76				168	9			C310J0	01	C310HA	01	1	TQ2	F1		39B							
09217		XA312	76								168	9			C310J0	02	C310J0	00	1	T04	F1		37A	10K/CH/CLF/CLH/EX						
09218		XA312	75			XA311	75				168	9			C310KA	01	C310J0	01	1	T04	F1		39B							
09219		XA311	75								168	9			C310KA	02	C310KA	00	1	TQ2	F1		37B	MOD0.SISO*(18M)						
09220		XA313	71			XA311	72				168	9			C310LA	01	C310C0	01	5	TS8	F1		36A							
09221		XA311	72								168	9			C310LA	02	C310LA	00	1	TQ2	F2		34A	E3.(10M)						
09222		XA312	69			XA311	73				168	9			C310MO	01	C310MO	00	1	T04	F2		35A	6K/RA/RS/CLU/CLL/						
09223		XA311	73								168	9			C310MO	02	C310LA	01	1	TQ2	F2		36B							
09224		XA313	78			XA311	69				168	9			C310NA	01	C310C0	01	8	TS8	F1		38A							
09225		XA311	69								168	9			C310NA	02	C310NA	00	1	TQ2	F3		35A	E5.(10P)						
09226		XA314	72			XA311	74				168	9			C310PO	01	C310PO	00	1	TQ2	F2		34A	10Q/CG						
09227		XA311	74								168	9			C310PO	02	C310NA	01	2	TQ2	F3		35B							
09228		XA314	71			XA311	80				168	9			C310QA	01	C310PO	01	2	TQ2	F2		36A							
09229		XA311	80								168	9			C310QA	02	C310QA	00	1	TQ2	F4		39A	MP.CNI3*						
09230		XA315	74			XA313	72				168	9			C310SA	01	C310SA	00	1	TT3	F2		35B							
09231		XA313	72								168	9			C310SA	02	C310C0	01	6	TS8	F1		34A							
09232		XA315	80			XA313	77				168	9			C310TA	01	C310TA	00	1	TT3	F3		39A							
09233		XA313	77								168	9			C310TA	02	C310C0	01	2	TS8	F1		38B							
09234		XA408	46			XA408	40				168	9			C311CA	01	CMC490	01	6	TS8	D1		21A							
09235		XA408	40			XA408	07				168	9			C311CA	02	CMC390	01	2	TS8	C1		19A							
																****	SIGNAL	C311CA	IS ON THE NEXT PAGE										****	

DRAWING NUMBER 149011-800
 UNIT ASSEMBLY NAME CARD CAGE ASSY,CPU R.H.

STRING

UNIT ASSEMBLY NO 149011
 FILE IDENT T39B2CP2

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RECORD NUMBER	FROM				TO				WIRE				SIGNAL	SFC NO	EQUATION	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	31	32	33	34	35	36	37	38	39	40	41	42	43	44	45	46	47	48	49	50	51	52	53	54	55	56	57	58	59	60	61	62	63	64	65	66	67	68	69	70	71	72	73	74	75	76	77	78	79	80	81	82	83	84	85	86	87	88	89	90	91	92	93	94	95	96	97	98	99	100	101	102	103	104	105	106	107	108	109	110	111	112	113	114	115	116	117	118	119	120	121	122	123	124	125	126	127	128	129	130	131	132	133	134	135	136	137	138	139	140	141	142	143	144	145	146	147	148	149	150	151	152	153	154	155	156	157	158	159	160	161	162	163	164	165	166	167	168	169	170	171	172	173	174	175	176	177	178	179	180	181	182	183	184	185	186	187	188	189	190	191	192	193	194	195	196	197	198	199	200	201	202	203	204	205	206	207	208	209	210	211	212	213	214	215	216	217	218	219	220	221	222	223	224	225	226	227	228	229	230	231	232	233	234	235	236	237	238	239	240	241	242	243	244	245	246	247	248	249	250	251	252	253	254	255	256	257	258	259	260	261	262	263	264	265	266	267	268	269	270	271	272	273	274	275	276	277	278	279	280	281	282	283	284	285	286	287	288	289	290	291	292	293	294	295	296	297	298	299	300	301	302	303	304	305	306	307	308	309	310	311	312	313	314	315	316	317	318	319	320	321	322	323	324	325	326	327	328	329	330	331	332	333	334	335	336	337	338	339	340	341	342	343	344	345	346	347	348	349	350	351	352	353	354	355	356	357	358	359	360	361	362	363	364	365	366	367	368	369	370	371	372	373	374	375	376	377	378	379	380	381	382	383	384	385	386	387	388	389	390	391	392	393	394	395	396	397	398	399	400	401	402	403	404	405	406	407	408	409	410	411	412	413	414	415	416	417	418	419	420	421	422	423	424	425	426	427	428	429	430	431	432	433	434	435	436	437	438	439	440	441	442	443	444	445	446	447	448	449	450	451	452	453	454	455	456	457	458	459	460	461	462	463	464	465	466	467	468	469	470	471	472	473	474	475	476	477	478	479	480	481	482	483	484	485	486	487	488	489	490	491	492	493	494	495	496	497	498	499	500	501	502	503	504	505	506	507	508	509	510	511	512	513	514	515	516	517	518	519	520	521	522	523	524	525	526	527	528	529	530	531	532	533	534	535	536	537	538	539	540	541	542	543	544	545	546	547	548	549	550	551	552	553	554	555	556	557	558	559	560	561	562	563	564	565	566	567	568	569	570	571	572	573	574	575	576	577	578	579	580	581	582	583	584	585	586	587	588	589	590	591	592	593	594	595	596	597	598	599	600	601	602	603	604	605	606	607	608	609	610	611	612	613	614	615	616	617	618	619	620	621	622	623	624	625	626	627	628	629	630	631	632	633	634	635	636	637	638	639	640	641	642	643	644	645	646	647	648	649	650	651	652	653	654	655	656	657	658	659	660	661	662	663	664	665	666	667	668	669	670	671	672	673	674	675	676	677	678	679	680	681	682	683	684	685	686	687	688	689	690	691	692	693	694	695	696	697	698	699	700	701	702	703	704	705	706	707	708	709	710	711	712	713	714	715	716	717	718	719	720	721	722	723	724	725	726	727	728	729	730	731	732	733	734	735	736	737	738	739	740	741	742	743	744	745	746	747	748	749	750	751	752	753	754	755	756	757	758	759	760	761	762	763	764	765	766	767	768	769	770	771	772	773	774	775	776	777	778	779	780	781	782	783	784	785	786	787	788	789	790	791	792	793	794	795	796	797	798	799	800	801	802	803	804	805	806	807	808	809	810	811	812	813	814	815	816	817	818	819	820	821	822	823	824	825	826	827	828	829	830	831	832	833	834	835	836	837	838	839	840	841	842	843	844	845	846	847	848	849	850	851	852	853	854	855	856	857	858	859	860	861	862	863	864	865	866	867	868	869	870	871	872	873	874	875	876	877	878	879	880	881	882	883	884	885	886	887	888	889	890	891	892	893	894	895	896	897	898	899	900	901	902	903	904	905	906	907	908	909	910	911	912	913	914	915	916	917	918	919	920	921	922	923	924	925	926	927	928	929	930	931	932	933	934	935	936	937	938	939	940	941	942	943	944	945	946	947	948	949	950	951	952	953	954	955	956	957	958	959	960	961	962	963	964	965	966	967	968	969	970	971	972	973	974	975	976	977	978	979	980	981	982	983	984	985	986	987	988	989	990	991	992	993	994	995	996	997	998	999	1000	1001	1002	1003	1004	1005	10
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DRAWING NUMBER 149011-800
 UNIT ASSEMBLY NAME CARD CAGE ASSY,CPU R.H.

STRING

UNIT ASSEMBLY NO 149011
 FILE IDENT T39B2CP2

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RECORD NUMBER	FROM				TO				WRF				SIGNAL	SEQ NO	EQUATION	Z	R	E	C	K	G	L	P	T	S	D	I	O	R	SIGNAL DESCRIPTION	ECO NO						
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09274		XA408	42		XA408	24			168	9			C337CA	02	CMC390	01	1	TS8	C1																		
09275		XA408	24		XA408	04			168	9			C337CA	03	CMC290	01	2	TS8	B1																		
09276		XA408	04		XA309	35			168	9			C337CA	04	CMC190	01	4	TS8	A1																		
09277		XA309	35						168	9			C337CA	05	C337CA	00	1	TS8	C1																		
09278		XA408	48		XA408	31			168	9			C337DA	01	CMC490	01	5	TS8	D1																		
09279		XA408	31		XA408	22			168	9			C337DA	02	CMC390	01	7	TS8	C1																		
09280		XA408	22		XA408	10			168	9			C337DA	03	CMC290	01	3	TS8	B1																		
09281		XA408	10		XA310	63			168	9			C337DA	04	CMC190	01	1	TS8	A1																		
09282		XA310	63						168	9			C337DA	05	C337DA	00	1	TT3	E3																		
09283		XA404	18		XA314	52			168	9			C338CA	01	CM0890	01	5	TS8	B1																		
09284		XA314	52						168	9			C338CA	02	C338CA	00	1	TQ2	D1																		
09285		XA408	36		XA314	46			168	9			C339CA	01	CMC390	01	4	TS8	C1																		
09286		XA314	46						168	9			C339CA	02	C339CA	00	1	TQ2	D2																		
09287		XA408	50		XA408	38			168	9			C340CA	01	CMC490	01	4	TS8	D1																		
09288		XA408	38		XA314	45			168	9			C340CA	02	CMC390	01	3	TS8	C1																		
09289		XA314	45						168	9			C340CA	03	C340CA	00	1	TQ2	D3																		
09290		XA315	63		XA314	43			168	9			C340D0	01	C340D0	00	1	TT3	E3																		
09291		XA314	43						168	9			C340D0	02	C340CA	01	2	TQ2	D3																		
09292		XA405	04		XA312	45			168	9			C341DA	01	CMC990	01	4	TS8	A1																		
09293		XA312	45						168	9			C341DA	02	C341DA	00	1	TD4	D2																		
09294		XA405	05		XA312	57			168	9			C341EA	01	CMC990	01	5	TS8	A1																		
09295		XA312	57						168	9			C341EA	02	C341EA	00	1	TD4	E2																		
09296		XA315	50		XA312	64			168	9			C341F0	01	C341F0	00	1	TT3	D1																		
09297		XA312	64						168	9			C341F0	02	C341EA	01	1	TD4	E2																		
09298		XA405	07		XA312	35			168	9			C341GA	01	CMC990	01	7	TS8	A1																		
09299		XA312	35						168	9			C341GA	02	C341GA	00	1	TD4	C1																		
09300		XA405	06		XA408	56			168	9			C342CA	01	CMC990	01	3	TS8	A1																		
09301		XA408	56		XA408	25			168	9			C342CA	02	CMC490	01	1	TS8	D1																		
09302		XA408	25		XA314	51			168	9			C342CA	03	CMC290	01	8	TS8	B1																		
09303		XA314	51						168	9			C342CA	04	C342CA	00	1	TQ2	D4																		
09304		XA314	49		XA310	51			168	9			C342C0	01	C342CA	01	2	TQ2	D4																		
09305		XA310	51						168	9			C342C0	02	C342C0	00	1	TT3	D3																		
09306		XA404	04		XA409	13			168	9			C343CA	01	CM0690	01	4	TS8	A1																		
09307		XA409	13		XA311	52			168	9			C343CA	02	CM0790	01	4	TD4	A1																		
09308		XA311	52						168	9			C343CA	03	C343CA	00	1	TQ2	D1																		

DRAWING NUMBER 149011-800
 UNIT ASSEMBLY NAME CARD CAGE ASSY, CPU R.H.

STRING

UNIT ASSEMBLY NO 149011
 FILE IDENT T3982CP2

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RECORD NUMBER	FROM				TO				WIRE				SIGNAL	SFC NO	EQUATION	Z	FACTOR	CMT OR CHIP TYPE	CASP	LOAD OR POWER PLANE	TEST POINTS AND/OR	SIGNAL DESCRIPTION	SFC NO	
	PREFIX	CONNECTOR	PIN	WIRE NO	PREFIX	CONNECTOR	PIN	WIRE NO	MULTI GROUP	CODE	COLOR	IDENT												
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09310		XA309	23					168	9				C343C0	02	C343C0	00	1	TS8	B1		11B			
09311		XA311	45		XA309	24		168	9				C343DA	01	C343DA	00	1	TQ2	D2		21A	BTR DBCK		
09312		XA309	24					168	9				C343DA	02	C343C0	01	2	TS8	B1		13A			
09313		XA314	38		XA311	48		168	9				C343E0	01	C343E0	00	1	TQ2	C1		18A	F75H		
09314		XA311	48					168	9				C343E0	02	C343DA	01	2	TQ2	D2		22A			
09315		XA311	51		XA309	22		168	9				C343GA	01	C343GA	00	1	TQ2	D4		27B	BTR DBCK		
09316		XA309	22					168	9				C343GA	02	C343C0	01	3	TS8	B1		12A			
09317		XA314	30		XA311	47		168	9				C343H0	01	C343H0	00	1	TQ2	C2		15A	TEXT*.TRAC.PLE3*		
09318		XA311	47					168	9				C343H0	02	C343GA	01	1	TQ2	D4		29B			
09319		XA402	40		XA311	40		168	9				C343JA	01	C620DA	01	2	TQ2	C1		19A			
09320		XA311	40		XA312	33		168	9				C343JA	02	C343JU	01	2	TQ2	C1		19A			
09321		XA312	33		XA314	34		168	9				C343JA	03	C343JA	00	1	TQ4	C2		16B	EXIT*.TRAC.PLE3*		
09322		XA314	34					168	9				C343JA	04	C343H0	01	2	TQ2	C2		16A			
09323		XA402	47		XA311	38		168	9				C343JU	01	C619DA	01	1	TQ2	D4		25A			
09324		XA311	38					168	9				C343JU	02	C343JU	00	1	TQ2	C1		18A	EXIT*.TRAC.PLE3*		
09325		XA405	72		XA311	30		168	9				C344CA	01	CMD590	01	6	TS8	F1		34A			
09326		XA311	30					168	9				C344CA	02	C344CA	00	1	TQ2	C2		15A	MOD +00002CLJ014		
09327		XA311	34		XA309	11		168	9				C344C0	01	C344CA	01	2	TQ2	C2		16A			
09328		XA309	11					168	9				C344C0	02	C344C0	00	1	TS8	A1		05B			
09329		XA315	51		XA309	10		168	9				C344DA	01	C344DA	00	1	TT3	D3		27B	MOD +2CL		
09330		XA309	10					168	9				C344DA	02	C344C0	01	1	TS8	A1		07A			
09331		XA311	33		XA309	13		168	9				C344EA	01	C344EA	00	1	TQ2	C3		16B	MOD +2CL		
09332		XA309	13					168	9				C344EA	02	C344C0	01	8	TS8	A1		06B			
09333		XA314	33		XA311	29		168	9				C344F0	01	C344F0	00	1	TQ2	C3		16B	TS1/TS2/TS0		
09334		XA311	29					168	9				C344F0	02	C344EA	01	1	TQ2	C3		14B			
09335		XA311	39		XA309	08		168	9				C344GA	01	C344GA	00	1	TQ2	C4		19B	MOD +2CL		
09336		XA309	08		XA308	65		168	9				C344GA	02	C344C0	01	2	TS8	A1		06A			
21289		XA308	65					168	9				C344GA	03	C344G0	01	1	TQ2	F3		34B			
15572		XA308	69		XA401	57		168	9				C344G0	01	C344G0	00	1	TQ2	F3		35A			
08165		XA401	57					168	9				C344G0	02	C616FA	01	1	TT3	E3		30B			
09337		XA405	78		XA404	24		168	9				C345CA	01	CMD590	01	8	TS8	F1		38A			
09338		XA404	24		XA404	07		168	9				C345CA	02	CMD890	01	2	TS8	B1		13A			
09339		XA404	07		XA314	39		168	9				C345CA	03	CMD690	01	7	TS8	A1		03A			
												****	SIGNAL	C345CA	IS ON THE NEXT PAGE ****									

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

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RECORD NUMBER	FROM			TO			WIRE		MULTI GROUP	CODE	COLOR	IDENT	SIGNAL	SEQ NO	EQU TION	TERM	FACTS	CMT OR CHIP TYPE	GROUP	LOAD CP POWER PLANE	TEST POINTS AND/OR	SIGNAL DESCRIPTION	ECO NO		
	PREFIX	CONNECTOR	PIN	PREFIX	CONNECTOR	PIN	WIRE	WIRE																	
09340		XA314	39				168	9					C345CA	04	C345CA	00	1	TQ2	C4	198	BTR DBI630CL0014				
09341		XA314	37		XA307	45	168	9					C345C0	01	C345CA	01	2	TQ2	C4	188					
09342		XA307	45				168	9					C345C0	02	C345C0	00	1	TD4	D2	248					
09343		XA314	22		XA307	50	168	9					C345DA	01	C345DA	00	1	TQ2	B1	12A	BTR DB-CL				
09344		XA307	50				168	9					C345DA	02	C345C0	01	1	TD4	D2	23A					
09345		XA315	27		XA314	24	168	9					C345E0	01	C345E0	00	1	TT3	B3	13B	XFR/XLK/XPF/XNF/X				
09346		XA314	24				168	9					C345E0	02	C345DA	01	2	TQ2	B1	13A					
09347		XA312	09		XA307	43	168	9					C345FA	01	C345FA	00	1	TD4	A2	04B	BTR DB-CL				
09348		XA307	43				168	9					C345FA	02	C345C0	01	4	TD4	D2	23B					
09349		XA312	07		XA307	11	168	9					C345G0	01	C345FA	01	4	TD4	A2	03A	TRANSFER SW COMPA				
09350		XA307	11				168	9					C345G0	02	C345G0	00	1	TD4	A1	05B					
09351		XA314	14		XA307	10	168	9					C345HA	01	C345HA	00	1	TQ2	B2	09A	SW1 COMPARE				
09352		XA307	10				168	9					C345HA	02	C345G0	01	1	TD4	A1	07A					
09353		XA311	22		XA307	08	168	9					C345JA	01	C345JA	00	1	TQ2	B1	12A	SW2 COMPARE				
09354		XA307	08				168	9					C345JA	02	C345G0	01	2	TD4	A1	06A					
09355		XA311	14		XA307	06	168	9					C345KA	01	C345KA	00	1	TQ2	B2	09A	SW3 COMPARE				
09356		XA307	06				168	9					C345KA	02	C345G0	01	3	TD4	A1	05A					
09357		XA311	21		XA307	13	168	9					C345LA	01	C345LA	00	1	TQ2	B3	10B	SW4 COMPARE				
09358		XA307	13				168	9					C345LA	02	C345G0	01	4	TD4	A1	06B					
09359		XA315	36		XA307	48	168	9					C345MA	01	C345MA	00	1	TT3	C1	17A	BTR DB-CL				
09360		XA307	48				168	9					C345MA	02	C345C0	01	2	TD4	D2	22A					
09361		XA315	40		XA307	09	168	9					C345NO	01	C345MA	01	2	TT3	C1	19A	INDICATOR COMPARI				
09362		XA307	09				168	9					C345NO	02	C345NO	00	1	TD4	A2	04B					
09363		XA311	27		XA307	07	168	9					C345PA	01	C345PA	00	1	TQ2	B4	13B	CF COMPARE				
09364		XA307	07				168	9					C345PA	02	C345NO	01	4	TD4	A2	03A					
09365		XA314	21		XA307	05	168	9					C345QA	01	C345QA	00	1	TQ2	B3	10B	OF COMPARE				
09366		XA307	05				168	9					C345QA	02	C345NO	01	2	TD4	A2	03B					
09367		XA314	27		XA307	04	168	9					C345RA	01	C345RA	00	1	TQ2	B4	13B	EF COMPARE				
09368		XA307	04				168	9					C345RA	02	C345NO	01	1	TD4	A2	04A					
09369		XA314	06		XA307	01	168	9					C345SA	01	C345SA	00	1	TQ2	A1	05A	LF COMPARE				
09370		XA307	01				168	9					C345SA	02	C345NO	01	3	TD4	A2	02B					
09371		XA404	34		XA311	06	168	9					C346CA	01	CM0990	01	5	TS8	C1	16A	BLO CL0014DBI630				
09372		XA311	06				168	9					C346CA	02	C346CA	00	1	TQ2	A1	05A					
													****	SIGNAL	C346DA	IS ON THE NEXT PAGE ****									

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

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RECORD NUMBER	FROM				TO				WIRE				SIGNAL	SEQ NO	EQUATION	TERMINATOR	FACTORY	CHK OR CHIP TYPE	GROUP	LOAD OR POWER PLANE	TEST POINTS		SIGNAL DESCRIPTION	ECO NO
	PREFIX	CONNECTOR	PIN	WIRE NO	PREFIX	CONNECTOR	PIN	WIRE NO	MULTI GROUP	CODE	CO. OR	DEN									AND OR			
09373		XA404	30			XA311	01			168	9			C346DA	01	CMD990	01	6	TS8	C1		15A		
09374		XA311	01							168	9			C346DA	02	C346DA	00	1	TQ2	A2		02B	BLO CL00140B1630	
09375		XA405	34			XA314	01			168	9			C347DA	01	CMD290	01	5	TS8	C1		16A		
09376		XA314	01							168	9			C347DA	02	C347DA	00	1	TQ2	A2		02B	BLO +000360B1631	
09377		XA405	36			XA314	09			168	9			C347EA	01	CMD290	01	4	TS8	C1		17A		
09378		XA314	09							168	9			C347EA	02	C347EA	00	1	TQ2	A3		04B		
09379		XA314	03			XA307	23			168	9			C347F0	01	C347EA	01	1	TQ2	A3		02A		
09380		XA307	23							168	9			C347F0	02	C347F0	00	1	TD4	B1		11B	PWRP/TG77H7/J	
09381		XA311	09			XA307	24			168	9			C347GA	01	C347GA	00	1	TQ2	A3		04B	LCIN.CN01*	
09382		XA307	24							168	9			C347GA	02	C347F0	01	2	TD4	B1		13A		
09383		XA311	15			XA307	26			168	9			C347HA	01	C347HA	00	1	TQ2	A4		07B	LCIN*.EXIT	
09384		XA307	26							168	9			C347HA	02	C347F0	01	1	TD4	B1		14A		
09385		XA308	06			XA307	25			168	9			C347JA	01	C347JA	00	1	TQ2	A1		05A	LCIN*.PL08*	
09386		XA307	25							168	9			C347JA	02	C347F0	01	4	TD4	B1		12B		
09387		XA405	14			XA308	01			168	9			C349CA	01	CMD190	01	6	TS8	B1		09A		
09388		XA308	01							168	9			C349CA	02	C349CA	00	1	TQ2	A2		02B	BLO +000600B1631	
09389		XA315	07			XA308	05			168	9			C349C0	01	C349C0	00	1	TT3	A2		03A	9D/9F/L50J	
09390		XA308	05							168	9			C349C0	02	C349CA	01	2	TQ2	A2		03B		
09391		XA315	01			XA308	09			168	9			C349DA	01	C349C0	01	2	TT3	A2		02B		
09392		XA308	09							168	9			C349DA	02	C349DA	00	1	TQ2	A3		04B	BLO +600B	
09393		XA308	03			XA306	22			168	9			C349E0	01	C349DA	01	1	TQ2	A3		02A		
09394		XA306	22							168	9			C349E0	02	C349E0	00	1	TQ2	B1		12A	TCP/TIE/L00	
09395		XA315	05			XA308	15			168	9			C349FA	01	C349C0	01	1	TT3	A2		03B		
09396		XA308	15							168	9			C349FA	02	C349FA	00	1	TQ2	A4		17B	BLO +600B	
09397		XA308	13			XA306	14			168	9			C349G0	01	C349FA	01	2	TQ2	A4		06B		
09398		XA306	14							168	9			C349G0	02	C349G0	00	1	TQ2	B2		09A	TXP/TCP/TIE	
09399		XA405	61			XA405	18			168	9			C350CA	01	CMD490	01	8	TS8	E1		32B		
09400		XA405	18			XA308	22			168	9			C350CA	02	CMD190	01	5	TS8	B1		10A		
09401		XA308	22							168	9			C350CA	03	C350CA	00	1	TQ2	B1		12A	BLO +000620B1631	
09402		XA405	60			XA405	56			168	9			C352CA	01	CMD490	01	6	TS8	E1		28A		
09403		XA405	56			XA405	25			168	9			C352CA	02	CMD390	01	1	TS8	D1		26A		
09404		XA405	25			XA308	21			168	9			C352CA	03	CMD190	01	8	TS8	B1		12B		
09405		XA308	21							168	9			C352CA	04	C352CA	00	1	TQ2	B3		10B	BLO +003660B1631	
09406		XA405	30			XA405	20			168	9			C353CA	01	CMD290	01	6	TS8	C1		15A		
09407		XA405	20			XA308	27			168	9			C353CA	02	CMD190	01	4	TS8	B1		11A		
										****	SIGNAL			C353CA		IS ON THE						****		

DRAWING NUMBER 149011-800
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RECORD NUMBER	FROM			TO			WIRE				SIGNAL	SEQ NO	EQUATION	Z TERM	8 FACT	CKT OR CHIP TYPE	GROUP	LOAD OR POWER PLANE	TEST POINTS AND/OR	SIGNAL DESCRIPTION	REC NO
	PREFIX	CONNECTOR	PIN	PREFIX	CONNECTOR	PIN	MULTI GROUP	CODE	COLOR	IDENT											
09408		XA308	27						168	9		C353CA	03	C353CA	00	1	TQ2	B4	138	BLO +00070DB1631	
09409		XA310	07		XA308	23			168	9		C353C0	01	C353C0	00	1	TT3	A2	03A		
09410		XA308	23						168	9		C353C0	02	C353CA	01	1	TQ2	B4	118		
09411		XA315	31		XA310	01			168	9		C353DA	01	C353DA	00	1	TT3	C2	158	BLO +7008	
09412		XA310	01						168	9		C353DA	02	C353C0	01	2	TT3	A2	02B		
09413		XA310	05		XA308	38			168	9		C353EA	01	C353C0	01	1	TT3	A2	03B		
09414		XA308	38						168	9		C353EA	02	C353EA	00	1	TQ2	C1	18A	BLO +7008	
09415		XA308	40		XA305	46			168	9		C353F0	01	C353EA	01	2	TQ2	C1	19A		
09416		XA305	46						168	9		C353F0	02	C353F0	00	1	TQ2	D2	21A	(PT02*.PT03*)/EXT	
09417		XA308	29		XA306	21			168	9		C353GA	01	C353G0	01	1	TQ2	C3	14B		
09418		XA306	21		XA305	48			168	9		C353GA	02	C353GA	00	1	TQ2	B3	10B	PT02*.PT03*	
09419		XA305	48						168	9		C353GA	03	C353F0	01	2	TQ2	D2	22A		
09420		XA308	33		XA306	23			168	9		C353G0	01	C353G0	00	1	TQ2	C3	16B		
09421		XA306	23						168	9		C353G0	02	C353HA	01	1	TQ2	B4	11B		
09422		XA310	03		XA306	27			168	9		C353HA	01	C353C0	01	3	TT3	A2	02A		
09423		XA306	27						168	9		C353HA	02	C353HA	00	1	TQ2	B4	13B	BLO +7008	
09424		XA405	64		XA405	37			168	9		C354CA	01	CM0490	01	4	TS8	E1	30A		
09425		XA405	37		XA405	24			168	9		C354CA	02	CM0290	01	8	TS8	C1	18B		
09426		XA405	24		XA308	39			168	9		C354CA	03	CM0190	01	2	TS8	B1	13A		
09427		XA308	39						168	9		C354CA	04	C354CA	00	1	TQ2	C4	19B	BLO +000720B1631	
09428		XA315	39		XA308	37			168	9		C354C0	01	C354C0	00	1	TT3	C3	19B		
09429		XA308	37						168	9		C354C0	02	C354CA	01	2	TQ2	C4	18B		
09430		XA315	33		XA310	36			168	9		C354DA	01	C354C0	01	1	TT3	C3	16B		
09431		XA310	36						168	9		C354DA	02	C354DA	00	1	TT3	C1	17A	BLO +7208	
09432		XA315	37		XA310	31			168	9		C354EA	01	C354C0	01	3	TT3	C3	18B		
09433		XA310	31						168	9		C354EA	02	C354EA	00	1	TT3	C2	15B	BLO +7208	
09434		XA308	54		XA306	38			168	9		C354FA	01	C354F0	01	2	TQ2	D1	25A		
09435		XA306	38						168	9		C354FA	02	C354FA	00	1	TQ2	C1	18A	PT02*.PT03	
09436		XA310	29		XA308	52			168	9		C354F0	01	C354EA	01	3	TT3	C2	14B		
09437		XA308	52		XA306	36			168	9		C354F0	02	C354F0	00	1	TQ2	D1	24A		
09438		XA306	36						168	9		C354F0	03	C354GA	01	1	TQ2	C2	17A		
09439		XA315	35		XA306	30			168	9		C354GA	01	C354C0	01	2	TT3	C3	17B		
09440		XA306	30						168	9		C354GA	02	C354GA	00	1	TQ2	C2	15A	BLO +7208	
09441		XA405	48		XA405	42			168	9		C355CA	01	CM0390	01	5	TS8	D1	22A		
09442		XA405	42		XA405	26			168	9		C355CA	02	CM0290	01	1	TS8	C1	20A		
											****	SIGNAL	(C355CA)	IS ON THE	NEXT PAGE	****					

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

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RECORD NUMBER	FROM				TO				WIRE		MULTI GROUP	CODE	COLOR	IDENT	SIGNAL	SEQ NO	EQUATION	Z	Y	X	CMT OR CHIP TYPE	MOP	LOAD OR POWER PLANE	TEST POINTS AND/OR	SIGNAL DESCRIPTION	ECL NO
	PREFIX	CONNECTOR	PIN	C #	PREFIX	CONNECTOR	PIN	C #																		
09443		XA405	26									16B	9	C355CA	03	CM0190	01	1	TS8	B1			14A			
09444		XA306	33		XA306	33						16B	9	C355CA	04	C355CA	00	1	TQ2	C3			16B	BLO +000740B1631		
09445		XA315	43		XA306	31						16B	9	C355C0	01	C355C0	00	1	TT3	D2			23B			
09446		XA306	31									16B	9	C355C0	02	C355CA	01	2	TQ2	C3			15B			
09447		XA315	46		XA310	50						16B	9	C355DA	01	C355C0	01	2	TT3	D2			21A			
09448		XA310	50									16B	9	C355DA	02	C355DA	00	1	TT3	D1			23A	BLO +740B		
09449		XA315	41		XA310	43						16B	9	C355EA	01	C355C0	01	3	TT3	D2			22B			
09450		XA310	43									16B	9	C355EA	02	C355EA	00	1	TT3	D2			23B	BLO +740B		
09451		XA308	48		XA306	39						16B	9	C355FA	01	C355F0	01	2	TQ2	D2			22A			
09452		XA306	39									16B	9	C355FA	02	C355FA	00	1	TQ2	C4			19B	PT02,PT03*		
09453		XA310	46		XA308	46						16B	9	C355F0	01	C355EA	01	2	TT3	D2			21A			
09454		XA308	46		XA306	54						16B	9	C355F0	02	C355F0	00	1	TQ2	D2			21A			
09455		XA306	54									16B	9	C355F0	03	C355GA	01	2	TQ2	D1			25A			
09456		XA315	48		XA306	52						16B	9	C355GA	01	C355C0	01	1	TT3	D2			22A			
09457		XA306	52									16B	9	C355GA	02	C355GA	00	1	TQ2	D1			24A	BLO +740B		
09458		XA405	55		XA405	49						16B	9	C356CA	01	CM0490	01	7	YS8	E1			29B			
09459		XA405	49		XA405	31						16B	9	C356CA	02	CM0390	01	8	YS8	D1			26B			
09460		XA405	31		XA405	22						16B	9	C356CA	03	CM0290	01	7	YS8	C1			15B			
09461		XA405	22		XA308	45						16B	9	C356CA	04	CM0190	01	3	YS8	B1			12A			
09462		XA308	45									16B	9	C356CA	05	C356CA	00	1	TQ2	D3			24B	BLO +000740B1631		
09463		XA315	55		XA308	43						16B	9	C356C0	01	C356C0	00	1	TT3	E2			29B			
09464		XA308	43									16B	9	C356C0	02	C356CA	01	2	TQ2	D3			23B			
09465		XA315	62		XA310	64						16B	9	C356DA	01	C356C0	01	1	TT3	E2			29A			
09466		XA310	64									16B	9	C356DA	02	C356DA	00	1	TT3	E1			30A	BLO +760B		
09467		XA315	53		XA310	55						16B	9	C356EA	01	C356C0	01	3	TT3	E2			28B			
09468		XA310	55									16B	9	C356EA	02	C356EA	00	1	TT3	E2			29B	BLO +760B		
09469		XA308	66		XA306	50						16B	9	C356FA	01	C356FA	00	1	TQ2	E1			31A			
09470		XA306	50									16B	9	C356FA	02	C356F0	01	1	TQ2	D2			23A			
09471		XA310	62		XA308	47						16B	9	C356F0	01	C356EA	01	1	TT3	E2			29A			
09472		XA308	47		XA306	46						16B	9	C356F0	02	C356GA	01	1	TQ2	D4			25B			
09473		XA306	46									16B	9	C356F0	03	C356F0	00	1	TQ2	D2			21A			
09474		XA315	60		XA308	51						16B	9	C356GA	01	C356C0	01	2	TT3	E2			28A			
09475		XA308	51									16B	9	C356GA	02	C356GA	00	1	TQ2	D4			27B	BLO +760B		
09476		XA409	06		XA306	45						16B	9	C357CA	01	CM0790	01	3	TD4	A1			05A			
09477		XA306	45									16B	9	C357CA	02	C357CA	00	1	TQ2	D3			24B	BLO CC08150B2431		
														*** SIGNAL C358CA ***												

DRAWING NUMBER 149011-800
 UNIT ASSEMBLY NAME CARD CAGE ASSY,CPU R.H.

STRING

UNIT ASSEMBLY NO 149011
 FILE IDENT T39B2CP2

REV D INDEX C358CA
 DATE 09-03-82 PAGE 205

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	PREFIX	CONNECTOR	PIN	MULTI GROUP	CODE	COLOR											
09478		XA404	19		XA404	06		168	9		C358CA	01	CMD890	01	7	TS8	B1	098		
09479		XA404	06		XA306	51		168	9		C358CA	02	CMD690	01	3	TS8	A1	05A		
09480		XA306	51					168	9		C358CA	03	C358CA	00	1	TQ2	D4	27B	BLO CK0005DB2631	
09481		XA313	47		XA306	47		168	9		C358C0	01	C358C0	00	1	TS8	D1	25B	80/8E/L401/L501/L	
09482		XA306	47					168	9		C358C0	02	C358CA	01	1	TQ2	D4	25B		
09483		XA313	52		XA310	73		168	9		C358DA	01	C358C0	01	3	TS8	D1	24A		
09484		XA310	73					168	9		C358DA	02	C358DA	00	1	TT3	F1	36B	BLO CK-DB	
09485		XA313	50		XA310	74		168	9		C358EA	01	C358C0	01	4	TS8	D1	23A		
09486		XA310	74					168	9		C358EA	02	C358EA	00	1	TT3	F2	35B	BLO CK-DB	
09487		XA313	54		XA308	60		168	9		C358FA	01	C358C0	01	2	TS8	D1	25A		
09488		XA308	60					168	9		C358FA	02	C358FA	00	1	TQ2	E2	28A	L605.PT08*	
09489		XA404	01		XA306	66		168	9		C359CA	01	CMD690	01	6	TS8	A1	02B		
09490		XA306	66					168	9		C359CA	02	C359CA	00	1	TQ2	E1	31A	BLO CC0912082831	
09491		XA308	57		XA306	68		168	9		C359C0	01	C359C0	00	1	TQ2	E3	30B		
09492		XA306	68					168	9		C359C0	02	C359CA	01	2	TQ2	E1	32A		
09493		XA308	53		XA306	60		168	9		C359DA	01	C359C0	01	1	TQ2	E3	28B		
09494		XA306	60					168	9		C359DA	02	C359DA	00	1	TQ2	E2	28A	BLO H-DB	
09495		XA310	80		XA306	62		168	9		C359E0	01	C359E0	00	1	TT3	F3	39A	SBT/RBT/MTH/TSZ/TS	
09496		XA306	62					168	9		C359E0	02	C359DA	01	2	TQ2	E2	29A		
09497		XA445	27		XA444	08		168	9		C400CA	01	C400CA	00	1	TQ2	B4	13B	CC 09 TO CM G4 SL	
09498		XA444	08					168	9		C400CA	02	CMG480	01	2	TQ2	A1	06A		
09499		XA347	43		XA443	23		168	9		C400DA	01	CMG490	01	7	TS8	D1	23B		
09500		XA443	23					168	9		C400DA	02	C400DA	00	1	TS8	B1	11B	CC 09 TO CM G4 FA	
09501		XA347	46		XA446	20		168	9		C400EA	01	CMG490	01	6	TS8	D1	21A		
09502		XA446	20					168	9		C400EA	02	C400EA	00	1	TT3	B1	11A	(CC09).(DB22).(SH	
09503		XA446	05		XA445	38		168	9		C401CA	01	CMG580	01	1	TT3	A2	03B		
09504		XA445	38					168	9		C401CA	02	C401CA	00	1	TQ2	C1	18A	CC 10 TO CM G5 SL	
09505		XA347	68		XA443	35		168	9		C401DA	01	CMG590	01	2	TS8	E1	32A		
09506		XA443	35					168	9		C401DA	02	C401DA	00	1	TS8	C1	17B	CC 10 TO CM G5 FA	
09507		XA347	66		XA446	19		168	9		C401EA	01	CMG590	01	3	TS8	E1	31A		
09508		XA446	19					168	9		C401EA	02	C401EA	00	1	TT3	B2	09B	(CC10).(DB22).(SH	
09509		XA446	11		XA445	30		168	9		C402CA	01	CMG680	01	2	TT3	A3	05B		
09510		XA445	30					168	9		C402CA	02	C402CA	00	1	TQ2	C2	15A	CC 11 TO CM G6 SL	
09511		XA347	74		XA443	47		168	9		C402DA	01	CMG690	01	7	TS8	F1	35B		
								****	SIGNAL		C402DA		IS ON THE	NEXT PAGE	****					

DRAWING NUMBER 149011-800
UNIT ASSEMBLY NAME CARD CAGE ASSY,CPU R.H.

STRING

UNIT ASSEMBLY NO 149011
FILE IDENT T3982CP2

REV D INDEX C402DA
DATE 09-03-82 PAGE 206

RECORD NUMBER	FROM				TO				WIRE				SIGNAL	SEQ NO	EQUATION	3 REV	1 C 2 LOC	CAT OR CH.P TYPE	PROP	LOAD OR POWER PLANE	TEST POINTS AND/OR	SIGNAL DESCRIPTION	ECO NO
	PREFIX	CONNECTOR	PIN	3 3	PREFIX	CONNECTOR	PIN	3 3	MULTI GROUP	CODE	COLOR	DENT											
09512		XA443	47						168	9			C402DA	02	C402DA	00	1	TS8	D1		258	CC 11 TO CM G6 FA	
09513		XA347	73		XA446	27			168	9			C402EA	01	CMG690	01	4	TS8	F1		368	(CC11).(DB22).(SH	
09514		XA446	27						168	9			C402EA	02	C402EA	00	1	TT3	B3		138		
09515		XA447	05		XA446	36			168	9			C403CA	01	CMG780	01	2	TD4	A2		038		
09516		XA446	36						168	9			C403CA	02	C403CA	00	1	TT3	C1		17A	CC 12 TO CM G7 SU	
09517		XA443	59		XA442	07			168	9			C403DA	01	C403DA	00	1	TS8	E1		318	CC 12 TO CM G7 FA	
09518		XA442	07						168	9			C403DA	02	CMG790	01	7	TS8	A1		03A		
09519		XA446	31		XA442	04			168	9			C403EA	01	C403EA	00	1	TT3	C2		158	(CC12)*.(DB22).(S	
09520		XA442	04						168	9			C403EA	02	CMG790	01	4	TS8	A1		04A		
09521		XA447	23		XA446	38			168	9			C403FO	01	C403FO	00	1	TD4	B1		118	ES00/ES02/ES03/ES	
09522		XA446	38						168	9			C403FO	02	C403CA	01	3	TT3	C1		18A		
09523		XA445	33		XA443	66			168	9			C403GA	01	C403GA	00	1	TQ2	C3		168	H-EVEN TO GA E4 G	
09524		XA443	66						168	9			C403GA	02	C403DA	01	3	TS8	E1		31A		
09525		XA445	23		XA445	36			168	9			C404C0	01	C400CA	01	1	TQ2	B4		118		
09526		XA445	36		XA445	40			168	9			C404C0	02	C402CA	01	1	TQ2	C2		17A		
09527		XA445	40		XA446	42			168	9			C404C0	03	C401CA	01	2	TQ2	C1		19A		
09528		XA446	42		XA443	76			168	9			C404C0	04	C403CA	01	1	TT3	C1		20A		
09529		XA443	76						168	9			C404C0	05	C404C0	00	1	TS8	F1		37A	H TO GA CONTROL -	
09530		XA446	73		XA443	75			168	9			C404DA	01	C404DA	00	1	TT3	F1		368	H TO GA CONTROL -	
09531		XA443	75						168	9			C404DA	02	C404C0	01	3	TS8	F1		378		
09532		XA445	39		XA443	74			168	9			C404EA	01	C404EA	00	1	TQ2	C4		198	H TO GA CONTROL -	
09533		XA443	74						168	9			C404EA	02	C404C0	01	7	TS8	F1		358		
09534		XA445	52		XA443	73			168	9			C404FA	01	C404FA	00	1	TQ2	D1		24A	H TO GA CONTROL -	
09535		XA443	73						168	9			C404FA	02	C404C0	01	4	TS8	F1		368		
09536		XA446	39		XA443	72			168	9			C404GA	01	C404GA	00	1	TT3	C3		198	(SHF/MPF).(ES05)	
09537		XA443	72						168	9			C404GA	02	C404C0	01	6	TS8	F1		34A		
09538		XA445	46		XA443	71			168	9			C404HA	01	C404HA	00	1	TQ2	D2		21A	(TOR).(ES06)	
09539		XA443	71						168	9			C404HA	02	C404C0	01	5	TS8	F1		36A		
09540		XA445	45		XA443	78			168	9			C404KA	01	C404KA	00	1	TQ2	D3		248	(DIF/DIH).(ES11)	
09541		XA443	78		XA435	47			168	9			C404KA	02	C404C0	01	8	TS8	F1		38A		
09542		XA435	47						168	9			C404KA	03	C450U0	01	1	TQ2	D4		258		
09543		XA446	77		XA443	11			168	9			C404L0	01	C404DA	01	2	TT3	F1		388		
09544		XA443	11						168	9			C404L0	02	C404L0	00	1	TS8	A1		058	H TO GA E0 INSTRU	
09545		XA445	35		XA442	23			168	9			C404M0	01	C404EA	01	1	TQ2	C4		178		
09546		XA442	23						168	9			C404M0	02	C404M0	00	1	TS8	B1		118	H TO GA E2 INSTRU	

DRAWING NUMBER		149011-800										STRING		UNIT ASSEMBLY NO		149011		REV D		INDEX		C404M0	
UNIT ASSEMBLY NAME		CARD CAGE ASSY, CPU R.H.										FILE IDENT		T39B2CP2		DATE		09-03-82		PAGE		207	
RECORD NUMBER	PREFIX	CONNECTOR	PIN	WIRE	PREFIX	CONNECTOR	PIN	MULTI GROUP	CODE	COLOR	IDENT	SIGNAL	SEQ NO	EQUATION	TEST POINT	LOAD OR POWER PLANE	TEST POINTS END OR	SIGNAL DESCRIPTION	ECO NO				
09547		XA445	54		XA442	35			16B	9		C404N0	01	C404FA	01 2	TQ2 D1	25A						
09548		XA442	35						16B	9		C404N0	02	C404N0	00 1	TS8 C1	17B	H TO GA E3 INSTRU					
09549		XA446	33		XA444	01			16B	9		C404P0	01	C404GA	01 1	TT3 C3	16B						
09550		XA444	01						16B	9		C404P0	02	C404P0	00 1	TQ2 A2	02B	SHF/MPF					
09551		XA446	50		XA443	55			16B	9		C404R0	01	C404R0	00 1	TT3 D1	23A	SHF/SHH/MPF/MPH/E					
09552		XA443	55		XA443	56			16B	9		C404R0	02	C403DA	01 7	TS8 E1	29B						
09553		XA443	56		XA443	42			16B	9		C404R0	03	C402DA	01 1	TS8 D1	26A						
09554		XA443	42		XA443	26			16B	9		C404R0	04	C401DA	01 1	TS8 C1	20A						
09555		XA443	26						16B	9		C404R0	05	C400DA	01 1	TS8 B1	14A						
09556		XA445	49		XA444	51			16B	9		C405CA	01	C405C0	01 2	TQ2 D4	26B						
09557		XA444	51						16B	9		C405CA	02	C405CA	00 1	TQ2 D4	27B	(SHF).(ES02) - A					
09558		XA446	17		XA446	21			16B	9		C405C0	01	C401EA	01 3	TT3 B2	08B						
09559		XA446	21		XA446	26			16B	9		C405C0	02	C402EA	01 1	TT3 B3	10B						
09560		XA446	26		XA446	30			16B	9		C405C0	03	C400EA	01 1	TT3 B1	14A						
09561		XA446	30		XA445	51			16B	9		C405C0	04	C403EA	01 2	TT3 C2	15A						
09562		XA445	51						16B	9		C405C0	05	C405C0	00 1	TQ2 D4	27B	(SHF).(ES02) - 0					
09563		XA447	01		XA444	22			16B	9		C406CA	01	CMG780	01 3	TQ4 A2	02B						
09564		XA444	22						16B	9		C406CA	02	C406CA	00 1	TQ2 B1	12A	ONE TO GA 03 CONT					
09565		XA447	21		XA444	24			16B	9		C406C0	01	C406C0	00 1	TQ4 B2	10B	ONE TO GA 03 CONT					
09566		XA444	24						16B	9		C406C0	02	C406CA	01 2	TQ2 B1	13A						
09567		XA447	19		XA444	09			16B	9		C406DA	01	C406C0	01 4	TQ4 B2	09B						
09568		XA444	09						16B	9		C406DA	02	C406DA	00 1	TQ2 A3	04B	(DIF).(ES02)					
09569		XA447	18		XA446	43			16B	9		C406EA	01	C406C0	01 2	TQ4 B2	10A						
09570		XA446	43						16B	9		C406EA	02	C406EA	00 1	TT3 D2	23B	(SHF).(SNC)*.(ES0					
09571		XA447	14		XA444	15			16B	9		C406FA	01	C406C0	01 3	TQ4 B2	09A						
09572		XA444	15						16B	9		C406FA	02	C406FA	00 1	TQ2 A4	07B	(DIF/DIH).(ES11)					
09573		XA447	20		XA446	51			16B	9		C406GA	01	C406C0	01 1	TQ4 B2	11A						
09574		XA446	51						16B	9		C406GA	02	C406GA	00 1	TT3 D3	27B	(MODE 3)*.(S=1)*.					
09575		XA447	35		XA442	06			16B	9		C406HA	01	C406HA	00 1	TQ4 C1	17B	(MPF).(ES04)					
09576		XA442	06						16B	9		C406HA	02	CMG790	01 3	TS8 A1	05A						
09577		XA446	01		XA446	09			16B	9		C407DA	01	CMG580	01 2	TT3 A2	02B						
09578		XA446	09		XA444	10			16B	9		C407DA	02	CMG680	01 1	TT3 A3	04B						
09579		XA444	10		XA445	22			16B	9		C407DA	03	CMG480	01 1	TQ2 A1	07A						
09580		XA445	22						16B	9		C407DA	04	C407DA	00 1	TQ2 B1	12A	(CSF/CSH/SSF).(ES					
09581		XA347	76		XA347	70			16B	9		C407EA	01	CMG690	01 1	TS8 F1	39B						
													****	SIGNAL	C407EA	IS ON THE		NEXT PAGE		****			

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DRAWING NUMBER		149011-800		STRING		UNIT ASSEMBLY NO		149011		REV D		NO. OF		C407EA					
UNIT ASSEMBLY NAME		CARD CAGE ASSY, CPU R.H.				PART IDENT		T39B2CP2		DATE		09-03-82		PAGE		238			
RECORD NUMBER	FROM	TO	WIRE	WIRE	WIRE	WIRE	WIRE	WIRE	WIRE	WIRE	WIRE	WIRE	WIRE	WIRE	WIRE	WIRE	WIRE	WIRE	
	PREFIX	CONNECTOR	PIN	WIRE	PREFIX	CONNECTOR	PIN	WIRE	WIRE	WIRE	WIRE	WIRE	WIRE	WIRE	WIRE	WIRE	WIRE	WIRE	
				NO.				NO.	CODE	COLOR	IDENT	SIGNAL	TRC NO.	LOCATION	TRC NO.	LOCATION	TRC NO.	LOCATION	
09582		XA347	70		XA347	49		168	9			C407EA	02	CMG590	01	1	TS8	E1	39A
09583		XA347	45		XA447	33		168	9			C407EA	03	CMG490	01	8	TS8	D1	26B
09584		XA447	33					168	9			C407EA	04	C407EA	03	1	T04	C2	16B (FORMATS/CGF/CGHT)
09585		XA445	24		XA444	21		168	9			C407F0	01	C407DA	01	2	TQ2	B1	13A
09586		XA444	21					168	9			C407F0	02	C407F0	00	1	TQ2	B3	10B CSF/CSH/SSF
09587		XA447	30		XA444	46		168	9			C407G0	01	C407EA	01	3	T04	C2	15A
09588		XA444	46					168	9			C407G0	02	C407G0	00	1	TQ2	D2	21A FIF/FIH/FEF/FEH/C
09589		XA544	56		XA541	42		168	9			C407HA	01	C512H0	01	3	TT3	E1	31A
09590		XA541	42		XA542	31		168	9			C407HA	02	C518E0	01	1	TQ2	C1	20A
09591		XA542	31		XA445	66		168	9			C407HA	03	C507G0	01	7	TS8	C1	15B
09592		XA445	66		XA444	50		168	9			C407HA	04	C407HA	00	1	TQ2	E1	31A FIF/FIH/FEF/FEH-
09593		XA444	50		XA437	05		168	9			C407HA	05	C407G5	01	1	TQ2	D2	23A
09594		XA437	05					168	9			C407HA	06	C462J0	01	2	T04	A2	03B
09595		XA445	68		XA444	45		168	9			C407H0	01	C407HA	01	2	TQ2	E1	32A
09596		XA444	45					168	9			C407H0	02	C407H0	00	1	TQ2	D3	24B FIF/FIH/FEF/FEH-
09597		XA347	54		XA446	64		168	9			C410CA	01	CMG490	01	2	TS8	D1	25A
09598		XA446	64					168	9			C410CA	02	C410CA	00	1	TT3	E1	30A DB 16 TO CM G4 (G)
09599		XA347	55		XA446	55		168	9			C411CA	01	CMG590	01	7	TS8	E1	29B
09600		XA446	55					168	9			C411CA	02	C411CA	00	1	TT3	E2	29B DB 17 TO CM G5 (G)
09601		XA347	71		XA446	63		168	9			C412CA	01	CMG690	01	5	TS8	F1	36A
09602		XA446	63					168	9			C412CA	02	C412CA	00	1	TT3	E3	33B DB 18 TO CM G6 (G)
09603		XA446	74		XA442	10		168	9			C413CA	01	C413CA	00	1	TT3	F2	35B DB 19 TO CM G7 (G)
09604		XA442	10					168	9			C413CA	02	CMG790	01	1	TS8	A1	07A
09605		XA446	72		XA446	70		168	9			C414CA	01	C413CA	01	2	TT3	F2	34A
09606		XA446	70		XA446	57		168	9			C414CA	02	C410CA	01	1	TT3	E1	33A
09607		XA446	57		XA446	60		168	9			C414CA	03	C412CA	01	1	TT3	E3	30B
09608		XA446	60		XA444	27		168	9			C414CA	04	C411CA	01	2	TT3	E2	28A
09609		XA444	27					168	9			C414CA	05	C414CA	00	1	TQ2	B4	13B DB 16 - 19 TO GA
09610		XA445	62		XA444	38		168	9			C414DA	01	C414D0	01	2	TQ2	E2	29A
09611		XA444	38					168	9			C414DA	02	C414DA	00	1	TQ2	C1	18A DB 16 - 19 TO GA
09612		XA446	71		XA446	68		168	9			C414D0	01	C413CA	01	1	TT3	F2	36A
09613		XA446	68		XA446	59		168	9			C414D0	02	C410CA	01	2	TT3	E1	32A
09614		XA446	59		XA446	62		168	9			C414D0	03	C412CA	01	2	TT3	E3	31B
09615		XA446	62		XA445	60		168	9			C414D0	04	C411CA	01	1	TT3	E2	29A
09616		XA445	60					168	9			C414D0	05	C414D0	00	1	TQ2	E2	28A DB 16 - 19 TO GA
09617		XA347	50		XA444	30		168	9			C415CA	01	CMG490	01	4	TS8	D1	23A
09618		XA444	30					168	9			C415CA	02	C415CA	00	1	TQ2	C2	15A DB 27 TO CM G4 (G)
												****	SIGNAL	C416CA					IS ON THE NEXT PAGE ****

DRAWING NUMBER		149011-800		STRING		UNIT ASSEMBLY NO		149011		REV D		INDEX		C416CA												
UNIT ASSEMBLY NAME		CARD CAGE ASSY, CPU R.H.				FILE IDENT		T39B2CP2		DATE		09-03-82		PAGE		209										
RECORD NUMBER	FROM				TO				WIRE				SIGNAL	SEQ NO	EQUATION	Z	R	S	CMT OR CHIP TYPE	GROUP	LOAD OR POWER PLANE	TEST POINTS		SIGNAL DESCRIPTION	ECO NO	
	PREFIX	CONNECTOR	PIN	WIRE NO	PREFIX	CONNECTOR	PIN	WIRE NO	MULTI GROUP	CODE	COLOR	IDENT										WIRE NO	WIRE NO			AND/OR
09619		XA347	60		XA444	33			16B	9			C416CA	01	CMG590	01	6	TS8	E1			28A				
09620		XA444	33						16B	9			C416CA	02	C416CA	00	1	TQ2	C3			16B		DB 28 TO CM G5 (G)		
09621		XA347	77		XA444	39			16B	9			C417CA	01	CMG690	01	2	TS8	F1			38B				
09622		XA444	39						16B	9			C417CA	02	C417CA	00	1	TQ2	C4			19B		DB 29 TO CM G6 (G)		
09623		XA444	52		XA442	13			16B	9			C418CA	01	C418CA	00	1	TQ2	D1			24A		DB 30 TO CM G7 (G)		
09624		XA442	13						16B	9			C418CA	02	CMG790	01	8	TS8	A1			06B				
09625		XA446	80		XA444	54			16B	9			C419C0	01	C419C0	00	1	TT3	F3			35A		DB 27-30 TO GA CO		
09626		XA444	54		XA444	37			16B	9			C419C0	02	C418CA	01	2	TQ2	D1			25A				
09627		XA444	37		XA444	34			16B	9			C419C0	03	C417CA	01	2	TQ2	C4			18B				
09628		XA444	34		XA444	29			16B	9			C419C0	04	C415CA	01	2	TQ2	C2			16A				
09629		XA444	29						16B	9			C419C0	05	C416CA	01	1	TQ2	C3			14B				
09630		XA446	76		XA444	66			16B	9			C419DA	01	C419C0	01	2	TT3	F3			37A				
09631		XA444	66						16B	9			C419DA	02	C419DA	00	1	TQ2	E1			31A		(FS03).(MODE 3)		
09632		XA446	69		XA444	60			16B	9			C419EA	01	C419C0	01	1	TT3	F3			35A				
09633		XA444	60						16B	9			C419EA	02	C419EA	00	1	TQ2	E2			28A		(XEX)*.(FS01)		
09634		XA347	56		XA445	75			16B	9			C420CA	01	CMG490	01	1	TS8	D1			26A				
09635		XA445	75						16B	9			C420CA	02	C420CA	00	1	TQ2	F1			37B		MA 11 TO CM G4 (G)		
09636		XA347	61		XA445	72			16B	9			C421CA	01	CMG590	01	8	TS8	E1			32B				
09637		XA445	72						16B	9			C421CA	02	C421CA	00	1	TQ2	F2			34A		MA 12 TO CM G5 (G)		
09638		XA347	78		XA445	69			16B	9			C422CA	01	CMG690	01	8	TS8	F1			38A				
09639		XA445	69						16B	9			C422CA	02	C422CA	00	1	TQ2	F3			35A		MA 13 TO CM G6 (G)		
09640		XA445	80		XA442	08			16B	9			C423CA	01	C423CA	00	1	TQ2	F4			39A		MA 14 TO CM G7 (G)		
09641		XA442	08						16B	9			C423CA	02	CMG790	01	2	TS8	A1			06A				
09642		XA445	79		XA445	78			16B	9			C424C0	01	C420CA	01	1	TQ2	F1			39B				
09643		XA445	78		XA445	73			16B	9			C424C0	02	C423CA	01	2	TQ2	F4			38A				
09644		XA445	73		XA445	74			16B	9			C424C0	03	C421CA	01	1	TQ2	F2			36B				
09645		XA445	74		XA442	47			16B	9			C424C0	04	C422CA	01	2	TQ2	F3			35B				
09646		XA442	47						16B	9			C424C0	05	C424C0	00	1	TS8	D1			25B		MA 11-14 TO GA CO		
09647		XA447	47		XA442	50			16B	9			C424DA	01	C424DA	00	1	TD4	D1			25B		MA 11-14 TO GA CO		
09648		XA442	50						16B	9			C424DA	02	C424C0	01	4	TS8	D1			23A				
09649		XA444	57		XA442	52			16B	9			C424EA	01	C424EA	00	1	TQ2	E3			30B		MA 11-14 TO GA CO		
09650		XA442	52						16B	9			C424EA	02	C424C0	01	3	TS8	D1			24A				
09651		XA444	63		XA442	54			16B	9			C424FA	01	C424FA	00	1	TQ2	E4			33B		MA 11-14 TO GA CO		
09652		XA442	54						16B	9			C424FA	02	C424C0	01	2	TS8	D1			25A				
09653		XA444	75		XA442	49			16B	9			C424GA	01	C424GA	00	1	TQ2	F1			37B		(YSI/MTX).(ES04)		
09654		XA442	49		XA539	10			16B	9			C424GA	02	C424C0	01	8	TS8	D1			26B				
									****	SIGNAL		(C424GA)	IS ON THE				NEXT PAGE	****								

RECORD NUMBER	FROM				TO				WIRE				SIGNAL	SEQ NO	EQUATION	B TERM	S FACT	CKT OR CHIP TYPE	PROP	LOAD OR POWER PLANE	TEST POINTS AND/OR	SIGNAL DESCRIPTION	ECO NO	
	PREFIX	CONNECTOR	PIN	WIRE NO	PREFIX	CONNECTOR	PIN	WIRE NO	MULTI GROUP	CODE	COLOR	IDENT												
09655		XA539	10							16B	9			C424GA	03	C505C0	01	1	TS8	A1		07A		
09656		XA444	72		XA442	56				16B	9			C424HA	01	C424HA	00	1	TQ2	F2		34A	(TQR/SSF).(ES05)	
09657		XA442	56							16B	9			C424HA	02	C424C0	01	1	TS8	D1		26A		
09658		XA444	69		XA442	43				16B	9			C424JA	01	C424JA	00	1	TQ2	F3		35A	(RQF).(ES07)	
09659		XA442	43							16B	9			C424JA	02	C424C0	01	7	TS8	D1		23B		
09660		XA444	80		XA546	42				16B	9			C424KA	01	C424KA	00	1	TQ2	F4		39A		
09661		XA546	42							16B	9			C424KA	02	C506E0	01	1	TD4	C1		20A		
09662		XA444	55		XA442	59				16B	9			C424K0	01	C424EA	01	2	TQ2	E3		29B		
09663		XA442	59		XA444	76				16B	9			C424K0	02	C424K0	00	1	TS8	E1		31B	TQR/SMR/SDF/SDF/M	
09664		XA444	76							16B	9			C424K0	03	C424KA	01	1	TQ2	F4		37A		
09665		XA444	61		XA442	76				16B	9			C424L0	01	C424FA	01	2	TQ2	E4		32B		
09666		XA442	76							16B	9			C424L0	02	C424L0	00	1	TS8	F1		37A	MA II-14 TO GA E3	
09667		XA444	57		XA444	79				16B	9			C424M0	01	C424M0	00	1	TQ2	E3		30B	MTH/TSI	
09668		XA444	79							16B	9			C424M0	02	C424GA	01	1	TQ2	F1		39B		
09669		XA445	63		XA444	73				16B	9			C424N0	01	C424N0	00	1	TQ2	E4		33B	SSF/TQR	
09670		XA444	73							16B	9			C424N0	02	C424HA	01	1	TQ2	F2		36B		
09671		XA438	78		XA442	46				16B	9			C424PA	01	C458D0	01	3	TT3	F3		38A		
09672		XA442	46		XA441	06				16B	9			C424PA	02	C424C0	01	6	TS8	D1		21A		
09673		XA441	06							16B	9			C424PA	03	C424PA	00	1	TQ2	A1		05A	(TEXT).(FS01)	
09674		XA442	48		XA441	01				16B	9			C424QA	01	C424C0	01	5	TS8	D1		22A		
09675		XA441	01							16B	9			C424QA	02	C424QA	00	1	TQ2	A2		02B	RAF/RAH/RSF/RSH-	
09676		XA441	04		XA440	06				16B	9			C424R0	01	C424QA	01	1	TQ2	A2		04A		
09677		XA440	06							16B	9			C424R0	02	C424R0	00	1	TQ2	A1		05A	(FS 04) / (L6-07)	
09678		XA441	05		XA440	01				16B	9			C424SA	01	C424QA	01	2	TQ2	A2		03B		
09679		XA440	01							16B	9			C424SA	02	C424SA	00	1	TQ2	A2		02B	(FS 04).(MODE 3)*	
09680		XA446	03		XA441	09				16B	9			C426CA	01	CMG580	01	3	TT3	A2		02A		
09681		XA441	09							16B	9			C426CA	02	C426CA	00	1	TQ2	A3		04B	CC 13 TO CH G5 (G	
09682		XA446	13		XA441	15				16B	9			C427CA	01	CMG680	01	3	TT3	A3		06B		
09683		XA441	15							16B	9			C427CA	02	C427CA	00	1	TQ2	A4		07B	CC 14 TO CH G6 (G	
09684		XA447	04		XA441	22				16B	9			C428CA	01	CMG780	01	1	TD4	A2		04A		
09685		XA441	22							16B	9			C428CA	02	C428CA	00	1	TQ2	B1		12A	CC 15 TO CH G7 (G	
09686		XA441	24		XA440	09				16B	9			C429C0	01	C428CA	01	2	TQ2	B1		13A		
09687		XA440	09		XA441	11				16B	9			C429C0	02	C429C0	00	1	TQ2	A3		04B	S TO GA 01-03 COM	
09688		XA441	11		XA441	07				16B	9			C429C0	03	C427CA	01	1	TQ2	A4		05B		
09689		XA441	07							16B	9			C429C0	04	C426CA	01	2	TQ2	A3		03A		

DRAWING NUMBER		STRING										UNIT ASSEMBLY NO		REV		INDEX							
149011-800												149011		D		C429C0							
UNIT ASSEMBLY NAME												FILE IDENT		DATE		PAGE							
CARD CAGE ASSY, CPU R.H.												T39B2CP2		09-03-82		211							
RECORD NUMBER	FROM				TO				WIRE				SIGNAL	REQ NO	EQUATION	TERM	FACTOR	CMT OR CHIP TYPE	SNOP	LOAD OR POWER PLANE	TEST POINTS AND OP	SIGNAL DESCRIPTION	ECO NO
	PREFIX	CONNECTOR	PIN	WIRE NO	PREFIX	CONNECTOR	PIN	WIRE NO	MULTI GROUP	CODE	CO. JR	IDENT											
09690 09691		XA441 XA440	14 03		XA440	03			16B	9			C429DA C429DA	01 02	C429DA C429C0	00 01	1 1	TQ2 TQ2	B2 A3		09A 02A	(FS03).(MODE 3)*	
09692 09693		XA441 XA440	21 07		XA440	07			16B	9			C429EA C429EA	01 02	C429EA C429C0	00 01	1 2	TQ2 TQ2	B3 A3		10B 03A	(FS05).(MODE 3)	
09694 09695		XA347 XA440	48 15		XA440	15			16B	9			C430CA C430CA	01 02	CMG490 C430CA	01 00	5 1	TS8 TQ2	D1 A4		22A 07B	MA 00 TO CM G4 (G)	
09696 09697		XA347 XA440	64 22		XA440	22			16B	9			C431CA C431CA	01 02	CMG590 C431CA	01 00	4 1	TS8 TQ2	E1 B1		30A 12A	MA 01 TO CM G5 (G)	
09698 09699		XA347 XA440	75 14		XA440	14			16B	9			C432CA C432CA	01 02	CMG690 C432CA	01 00	3 1	TS8 TQ2	F1 B2		37B 09A	MA 02 TO CM G6 (G)	
09700 09701		XA442 XA440	01 21		XA440	21			16B	9			C433CA C433CA	01 02	CMG790 C433CA	01 00	6 1	TS8 TQ2	A1 B3		02B 10B	MA 03 TO CM G7 (G)	
09702 09703 09704 09705 09706		XA447 XA440 XA440 XA440 XA440	45 24 20 17 13		XA440 XA440 XA440 XA440	24 20 17 13			16B 16B 16B 16B 16B	9 9 9 9 9			C434C0 C434C0 C434C0 C434C0 C434C0	01 02 03 04 05	C434C0 C431CA C432CA C433CA C430CA	00 01 01 01 01	1 2 1 1 2	TD4 TQ2 TQ2 TQ2 TQ2	D2 B1 B2 B3 A4		24B 13A 11A 08B 08B	MA 00-03 TO GA CO	
09707 09708		XA447 XA441	46 27		XA441	27			16B 16B	9 9			C434DA C434DA	01 02	C434C0 C434DA	01 00	3 1	TD4 TQ2	D2 B4		21A 13B	(SHH/(SHF).(SNC))	
09709 09710		XA447 XA441	50 38		XA441	38			16B 16B	9 9			C434EA C434EA	01 02	C434C0 C434EA	01 00	1 1	TD4 TQ2	D2 C1		23A 18A	(FEF/FEH/SHF).(ES	
09711 09712		XA447 XA441	48 30		XA441	30			16B 16B	9 9			C434GA C434GA	01 02	C434C0 C434GA	01 00	2 1	TD4 TQ2	D2 C2		22A 15A	(FIF/FIH).(ES10)	
09713 09714		XA441 XA440	23 27		XA440	27			16B 16B	9 9			C434H0 C434H0	01 02	C434DA C434H0	01 00	1 1	TQ2 TQ2	B4 B4		11B 13B	SHH/SNC	
09715 09716		XA441 XA440	42 38		XA440	38			16B 16B	9 9			C434J0 C434J0	01 02	C434EA C434J0	01 00	1 1	TQ2 TQ2	C1 C1		20A 18A	FEF/FEH/SHF	
09717 09718		XA447 XA440	13 30		XA440	30			16B 16B	9 9			C450CA C450CA	01 02	CMG380 C450CA	01 00	4 1	TD4 TQ2	A1 C2		06B 15A	UNQUALIFIED DB TO	
09719 09720		XA440 XA439	34 11		XA439	11			16B 16B	9 9			C450C0 C450C0	01 02	C450CA C450C0	01 00	2 1	TQ2 TS8	C2 A1		16A 05B	UNQUALIFIED DB TO	
09721 09722		XA441 XA439	33 04		XA439	04			16B 16B	9 9			C450DA C450DA	01 02	C450DA C450C0	00 01	1 4	TQ2 TS8	C3 A1		16B 04A	UNQUALIFIED DB TO	
****												SIGNAL	C450EA	IS ON THE NEXT PAGE ****									

DRAWING NUMBER		149011-800		STRING		UNIT ASSEMBLY NO		149011		REV D		INDEX		C451CA							
UNIT ASSEMBLY NAME		CARD CAGE ASSY,CPU R.H.		FILE IDENT		T39B2CP2		DATE		09-03-82		PAGE		213							
RECORD NUMBER	PREFIX	CONNECTOR	PIN	TO PREFIX	CONNECTOR	PIN	WIRE CODE	COLOR	WIRE IDENT	SIGNAL	REQ NO	EQUATION	TERMINAL	FACTORY	CTKT OR CHIP TYPE	GROUP	LOAD CPW PLANE	TEST POINTS AND/OR	SIGNAL DESCRIPTION	ECO NO	
09757		XA447	76		XA441	79	168	9		C451D0	01	C451D0	00	1	T04	F1		37A	QUALIFIED GR TO D		
09758		XA441	79				168	9		C451D0	02	C451CA	01	1	TQ2	F1		39B			
09759		XA447	77		XA441	72	168	9		C451EA	01	C451D0	01	2	T04	F1		38B	(SDF/MZF).(ES02)		
09760		XA441	72				168	9		C451EA	02	C451EA	00	1	TQ2	F2		34A			
09761		XA447	75		XA441	69	168	9		C451FA	01	C451D0	01	3	T04	F1		37B	QUALIFIED GR TO D		
09762		XA441	69				168	9		C451FA	02	C451FA	00	1	TQ2	F3		35A			
09763		XA447	79		XA441	80	168	9		C451GA	01	C451D0	01	1	T04	F1		39B	(SSF/TQR).(ES05)		
09764		XA441	80				168	9		C451GA	02	C451GA	00	1	TQ2	F4		39A			
09765		XA447	78		XA438	73	168	9		C451HA	01	C451D0	01	4	T04	F1		38A	(RQF).(CN13)*.(ES		
09766		XA438	73				168	9		C451HA	02	C451HA	00	1	TT3	F1		36B			
09767		XA441	73		XA440	75	168	9		C451J0	01	C451EA	01	1	TQ2	F2		36B	SDF/MZF		
09768		XA440	75				168	9		C451J0	02	C451J0	00	1	TQ2	F1		37B			
09769		XA441	65		XA436	35	168	9		C451K0	01	C451FA	01	1	TQ2	F3		34B	R(A/E/I/N/S)F/EXF		
09770		XA436	35				168	9		C451K0	02	C451K0	00	1	TS8	C1		17B			
09771		XA441	78		XA440	72	168	9		C451L0	01	C451GA	01	2	TQ2	F4		38A	TQR/SSF		
09772		XA440	72				168	9		C451L0	02	C451L0	00	1	TQ2	F2		34A			
09773		XA347	24		XA435	38	168	9		C452CA	01	CMG290	01	2	TS8	B1		13A	UNQUALIFIED DBL T		
09774		XA435	38				168	9		C452CA	02	C452CA	00	1	TQ2	C1		18A			
09775		XA439	47		XA435	42	168	9		C452C0	01	C452C0	00	1	TS8	D1		25B	UNQUALIFIED DBL T		
09776		XA435	42				168	9		C452C0	02	C452CA	01	1	TQ2	C1		20A			
09777		XA440	69		XA439	54	168	9		C452DA	01	C452DA	00	1	TQ2	F3		35A	(XLK).(ES00)		
09778		XA439	54				168	9		C452DA	02	C452C0	01	2	TS8	D1		25A			
09779		XA440	80		XA439	56	168	9		C452EA	01	C452EA	00	1	TQ2	F4		39A	(EOH/IOH/ANH).(ES		
09780		XA439	56				168	9		C452EA	02	C452C0	01	1	TS8	D1		26A			
09781		XA439	50		XA438	36	168	9		C452FA	01	C452C0	01	4	TS8	D1		23A	(XIO/XDO).(ACZR)*		
09782		XA438	36				168	9		C452FA	02	C452FA	00	1	TT3	C1		17A			
09783		XA439	48		XA438	31	168	9		C452GA	01	C452C0	01	5	TS8	D1		22A	(XIT/XDT).(AC21)*		
09784		XA438	31				168	9		C452GA	02	C452GA	00	1	TT3	C2		15B			
09785		XA440	46		XA439	46	168	9		C452HA	01	C452HA	00	1	TQ2	D2		21A	(FEH).(ES06)		
09786		XA439	46				168	9		C452HA	02	C452C0	01	6	TS8	D1		21A			
09787		XA439	43		XA438	39	168	9		C452JA	01	C452C0	01	7	TS8	D1		23B	(FIH).(ES11)		
09788		XA438	39				168	9		C452JA	02	C452JA	00	1	TT3	C3		19B			
										****	SIGNAL	(C452K0)	IS ON THE NEXT PAGE				****				

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RECORD NUMBER		FROM			TO			WIRE				SIGNAL	SFO NO	EQUATION	TER	FAC	CKT OR CHIP TYPE	GROUP	LOAD OR POWER PLANE	TEST POINTS AND/OR	SIGNAL DESCRIPTION	ECO NO
		PREFIX	CONNECTOR	PIH	PIN	PREFIX	CONNECTOR	PIH	MULTI GROUP	CODE	COLOR											
09789		XA440	78		XA438	50			168	9		C452K0	01	C452EA	01	2	TQ2	F4		38A		
09790		XA438	50						168	9		C452K0	02	C452K0	00	1	TT3	D1		23A	EQH/ANH/IOH	
09791		XA438	40		XA435	30			168	9		C452L0	01	C452FA	01	2	TT3	C1		19A		
09792		XA435	30						168	9		C452L0	02	C452L0	00	1	TQ2	C2		15A	XIU/XDU	
09793		XA438	29		XA435	33			168	9		C452M0	01	C452GA	01	3	TT3	C2		14B		
09794		XA435	33						168	9		C452M0	02	C452M0	00	1	TQ2	C3		16B	XIT/XDT	
09795		XA347	22		XA438	43			168	9		C453CA	01	CMG290	01	3	TS8	B1		12A		
09796		XA438	43						168	9		C453CA	02	C453CA	00	1	TT3	D2		23B	QUALIFIED DBL TO	
09797		XA439	59		XA438	46			168	9		C453D0	01	C453D0	00	1	TS8	E1		31B	QUALIFIED DBL TO	
09798		XA438	46						168	9		C453D0	02	C453CA	01	2	TT3	D2		21A		
09799		XA347	40		XA439	49			168	9		C454CA	01	CMG390	01	2	TS8	C1		19A		
09800		XA439	49		XA438	51			168	9		C454CA	02	C452C0	01	8	TS8	D1		26B		
09801		XA438	51						168	9		C454CA	03	C454CA	00	1	TT3	D3		27B	QUALIFIED DBL TO	
09802		XA440	45		XA438	45			168	9		C454D0	01	C454D0	00	1	TQ2	D3		24B	QUALIFIED DBL TO	
09803		XA438	45						168	9		C454D0	02	C454CA	01	1	TT3	D3		24B		
09804		XA439	64		XA440	43			168	9		C454EA	01	C453D0	01	4	TS8	E1		30A		
09805		XA440	43		XA435	39			168	9		C454EA	02	C454D0	01	2	TQ2	D3		23B		
09806		XA435	39						168	9		C454EA	03	C454EA	00	1	TQ2	C4		19B	(SMH/SDH).(ES02)	
09807		XA441	66		XA439	60			168	9		C454FA	01	C454FA	00	1	TQ2	E1		31A	(MYL/MYU).(ES03)	
09808		XA439	60		XA440	41			168	9		C454FA	02	C453D0	01	6	TS8	E1		28A		
09809		XA440	41						168	9		C454FA	03	C454D0	01	1	TQ2	D3		22B		
09810		XA440	51		XA435	35			168	9		C454G0	01	C454G0	00	1	TQ2	D4		27B	SMH/SDH	
09811		XA435	35		XA251	35			168	9		C454G0	02	C454EA	01	1	TQ2	C4		17B		C04
22168		XA251	35						168	9		C454G0	03				EXT					C04
09812		XA445	05		XA438	64			168	9		C455CA	01	CMG190	01	2	TQ2	A2		03B		
09813		XA438	64						168	9		C455CA	02	C455CA	00	1	TT3	E1		30A	QUALIFIED DBU TO	
09814		XA438	70		XA437	57			168	9		C455D0	01	C455CA	01	1	TT3	E1		33A		
09815		XA437	57						168	9		C455D0	02	C455D0	00	1	TD4	E2		30B	QUALIFIED DBU TO	
09816		XA441	60		XA439	55			168	9		C455EA	01	C455EA	00	1	TQ2	E2		28A	(MZH).(ES02)	
09817		XA439	55		XA437	64			168	9		C455EA	02	C453D0	01	7	TS8	E1		29B		
09818		XA437	64						168	9		C455EA	03	C455D0	01	1	TD4	E2		30A		
09819		XA441	57		XA439	62			168	9		C455FA	01	C455FA	00	1	TQ2	E3		30B	DBL TO SLCY GR H	
09820		XA439	62		XA437	62			168	9		C455FA	02	C453D0	01	5	TS8	E1		29A		
09821		XA437	62						168	9		C455FA	03	C455D0	01	2	TD4	E2		29A		
09822		XA441	63		XA439	66			168	9		C455GA	01	C455GA	00	1	TQ2	E4		33B	(MYH).(ES04)	
09823		XA439	66		XA437	60			168	9		C455GA	02	C453D0	01	3	TS8	E1		31A		
									****		SIGNAL	C455GA		IS ON THE						****		

DRAWING NUMBER 149011-800
 UNIT ASSEMBLY NAME CARD CAGE ASSY, CPU R.H.

STRING

UNIT ASSEMBLY NO. 149011
 FILE IDENT T39B2CP2

REV D
 DATE 09-03-82

INDEX C455GA
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RECORD NUMBER	FROM				TO				WIRE			SIGNAL	SEQ NO	EQUATION	TERMINAL	CKT OR CHIP TYPE	GROUP	LOAD OR POWER PLANE	TEST POINTS AND OP	SIGNAL DESCRIPTION	ECO NO			
	PREFIX	CONNECTOR	PIN	WIRE NO	PREFIX	CONNECTOR	PIN	WIRE NO	MULTI GROUP	CODE	COLOR											IDENT		
09824	XA437	60		XA313	31				168	9			C455GA	03	C455D0	01	3	TD4	E2	28A				
09825	XA313	31		XA313	73				168	9			C455GA	04	C308C0	01	7	TS8	C1	15B				
09826	XA313	73							168	9			C455GA	05	C310C0	01	4	TS8	F1	36B				
09829	XA542	11		XA441	55				168	9			C455H0	01	C455H0	00	1	TS8	A1	05B	R(A/E/I/N/S)H/SBY			
09830	XA441	55							168	9			C455H0	02	C455FA	01	2	TQ2	E3	29B				
09831	XA447	08		XA347	19				168	9			C456CA	01	CMG380	01	2	TD4	A1	06A				
09832	XA347	19		XA440	66				168	9			C456CA	02	CMG290	01	7	TS8	B1	09B				
09833	XA440	66							168	9			C456CA	03	C456CA	00	1	TQ2	E1	31A	(LMH).(ES02)			
09834	XA446	08		XA440	60				168	9			C457CA	01	CMG080	01	2	TT3	A1	06A				
09835	XA440	60							168	9			C457CA	02	C457CA	00	1	TQ2	E2	28A	UNQUALIFIED GR TO			
09836	XA440	64		XA439	76				168	9			C457C0	01	C457CA	01	1	TQ2	E2	30A				
09837	XA439	76							168	9			C457C0	02	C457C0	00	1	TS8	F1	37A	UNQUALIFIED GR TO			
09838	XA439	72		XA436	23				168	9			C457DA	01	C457C0	01	6	TS8	F1	34A				
09839	XA436	23							168	9			C457DA	02	C457DA	00	1	TS8	B1	11B	UNQUALIFIED GR TO			
09840	XA440	57		XA439	73				168	9			C457EA	01	C457EA	00	1	TQ2	E3	30B	UNQUALIFIED GR TO			
09841	XA439	73							168	9			C457EA	02	C457CA	01	4	TS8	F1	36B				
09842	XA440	63		XA439	75				168	9			C457FA	01	C457FA	00	1	TQ2	E4	33B	UNQUALIFIED GR TO			
09843	XA439	75							168	9			C457FA	02	C457C0	01	3	TS8	F1	37B				
09844	XA439	78		XA435	75				168	9			C457GA	01	C457C0	01	8	TS8	F1	38A				
09845	XA435	75							168	9			C457GA	02	C457GA	00	1	TQ2	F1	37B	UNQUALIFIED GR TO			
09846	XA439	71		XA435	72				168	9			C457HA	01	C457C0	01	5	TS8	F1	36A				
09847	XA435	72							168	9			C457HA	02	C457HA	00	1	TQ2	F2	34A	(CGF/CGH).(ES04)			
09848	XA439	74		XA435	69				168	9			C457KA	01	C457C0	01	7	TS8	F1	35B				
09849	XA435	69							168	9			C457KA	02	C457KA	00	1	TQ2	F3	35A	(CLGR/TRAP).(FS01)			
09850	XA439	79		XA435	80				168	9			C457LA	01	C457C0	01	1	TS8	F1	39B				
09851	XA435	80							168	9			C457LA	02	C457LA	00	1	TQ2	F4	39A	FS03/FS05/L402 -			
09852	XA438	74		XA435	76				168	9			C457L0	01	C457L0	00	1	TT3	F2	35B	FS03/FS05/L402 -			
09853	XA435	76							168	9			C457L0	02	C457LA	01	1	TQ2	F4	37A				
09854	XA439	35		XA436	14				168	9			C457M0	01	C457M0	00	1	TS8	C1	17B	UNQLFD GR TO DB F			
09855	XA436	14							168	9			C457M0	02	C457DA	01	6	TS8	B1	09A				
09856	XA440	55		XA438	55				168	9			C457N0	01	C457EA	01	2	TQ2	E3	29B	UNQLFD GR TO DB F			
09857	XA438	55							168	9			C457N0	02	C457N0	00	1	TT3	E2	29B				
09858	XA440	61		XA437	76				168	9			C457P0	01	C457FA	01	2	TQ2	E4	32B				
09859	XA437	76							168	9			C457P0	02	C457P0	00	1	TD4	F1	37A	DIF/SWF/SHH/SOU/S			
												****	SIGNAL	(C457Q0)	IS ON THE NEXT PAGE ****									

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DRAWING NUMBER		149011-800										STRING		UNIT ASSEMBLY NO		149011		REV D		INDEX		C457Q0		
UNIT ASSEMBLY NAME		CARD CAGE ASSY, CPU R.H.										FILE IDENT		T3982CP2		DATE		09-03-82		PAGE		216		
RECORD NUMBER	FROM				TO				WIRE			SIGNAL	SEC NO	EQUATION	3 RE	FACT	CMT OR CTR TYPE	GROP	LOAD OR POWER PLANE	TEST POINTS AND ION	SIGNAL DESCRIPTION	ECO NO		
	PREFIX	CONNECTOR	PIN	C 1	PREFIX	CONNECTOR	PIN	C 1	MULTI GROUP	CODE	COLR												IDENT	
09860		XA437	69		XA435	79			168	9		C457Q0	01	C457Q0	00	1	TD4	F2		35A	CSF/CSH/SSF/YSI/U			
09861		XA435	79						168	9		C457Q0	02	C457GA	01	1	TQ2	F1		39B				
09862		XA438	63		XA435	65			168	9		C457R0	01	C457R0	00	1	TT3	E3		33B	CLGR/TRAP			
09863		XA435	65						168	9		C457R0	02	C457KA	01	1	TQ2	F3		34B				
09864		XA438	59		XA437	47			168	9		C457SA	01	C457R0	01	2	TT3	E3		31B				
09865		XA437	47						168	9		C457SA	02	C457SA	00	1	TD4	D1		25B	(ICL=GR ADDR)/TRAP			
09866		XA438	60		XA437	45			168	9		C457TA	01	C457N0	01	2	TT3	E2		28A				
09867		XA437	45						168	9		C457TA	02	C457TA	00	1	TD4	D2		24B	(TRANSFER TYPE IN			
09868		XA438	53		XA435	66			168	9		C457UA	01	C457R0	01	3	TT3	E2		28B				
09869		XA435	66						168	9		C457UA	02	C457UA	00	1	TQ2	E1		31A	(BYTE INS./HALT).			
09870		XA437	35		XA435	70			168	9		C457V0	01	C457V0	00	1	TD4	C1		17B	CLU/CLL/LDU/LDL/S			
09871		XA435	70						168	9		C457V0	02	C457UA	01	1	TQ2	E1		33A				
09872		XA347	06		XA347	31			168	9		C458CA	01	CMG090	01	2	TS8	A1		06A				
09873		XA347	31		XA435	60			168	9		C458CA	02	CMG390	01	7	TS8	C1		15B				
09874		XA435	60						168	9		C458CA	03	C458CA	00	1	TQ2	E2		28A	QUALIFIED GR TO D			
09875		XA438	60		XA435	62			168	9		C458D0	01	C458D0	00	1	TT3	F3		39A	QUALIFIED GR TO D			
09876		XA435	62						168	9		C458D0	02	C458CA	01	2	TQ2	E2		29A				
09877		XA438	69		XA437	33			168	9		C458EA	01	C458D0	01	1	TT3	F3		35A				
09878		XA437	33						168	9		C458EA	02	C458EA	00	1	TQ4	C2		16B	QUALIFIED GR TO D			
09879		XA438	76		XA435	57			168	9		C458FA	01	C458D0	01	2	TT3	F3		37A				
09880		XA435	57						168	9		C458FA	02	C458FA	00	1	TQ2	E3		30B	(TQR).(ES02)			
09881		XA437	36		XA436	47			168	9		C458G0	01	C458EA	01	1	TD4	C2		17A				
09882		XA436	47						168	9		C458G0	02	C458G0	00	1	TS8	D1		25B	OLFD GR TO DB FUL			
09883		XA347	06		XA347	14			168	9		C459CA	01	CMG090	01	3	TS8	A1		05A				
09884		XA347	14		XA435	63			168	9		C459CA	02	CMG290	01	6	TS8	B1		09A				
09885		XA435	63						168	9		C459CA	03	C459CA	00	1	TQ2	E4		33B	UNQUALIFIED GRL Y			
09886		XA437	23		XA435	61			168	9		C459D0	01	C459D0	00	1	TD4	B1		11B	X10/X11/XD0/XD1/C			
09887		XA435	61						168	9		C459D0	02	C459CA	01	2	TQ2	E4		32B				
09888		XA347	25		XA446	10			168	9		C460CA	01	CMG290	01	8	TS8	B1		12B				
09889		XA446	10		XA435	22			168	9		C460CA	02	CMG080	01	1	TT3	A1		07A				
09890		XA435	22						168	9		C460CA	03	C460CA	00	1	TQ2	B1		12A	UNQUALIFIED GRU T			
09891		XA347	13		XA445	04			168	9		C461CA	01	CMG090	01	8	TS8	A1		06B				
09892		XA445	04		XA435	14			168	9		C461CA	02	CMG190	01	1	TQ2	A2		04A				
09893		XA435	14						168	9		C461CA	03	C461CA	00	1	TQ2	B2		05A	UNQUALIFIED GRLL			
09894		XA347	04		XA347	18			168	9		C462CA	01	CMG090	01	4	TS8	A1		04A				
												***	SIGNAL	C462CA	IS ON THE NEXT PAGE				***					

DRAWING NUMBER 149011-800
 UNIT ASSEMBLY NAME CARD CAGE ASSY, CPU R.H.

STRING

UNIT ASSEMBLY NO 149011
 FILE IDENT T3982CP2

REV D INDEX C462CA
 DATE 09-03-82 PAGE 217

RECORD NUMBER	FROM				TO				WRE				SIGNAL	SEQ NO	EQUATION	TEST POINT	CRT OR CHIP TYPE	GROUP	LOAD OR POWER PLANE	TEST POINTS AND/OR	SIGNAL DESCRIPTION	ECO NO
	PREFIX	CONNECTOR	PIN	C 3	PREFIX	CONNECTOR	PIN	C 3	MULTI-GROUP	CODE	COLOR	IDENT										
09895		XA347	18			XA437	21			16B	9		C462CA	02	CMG290	01	5	TS8	B1	10A		
09896		XA437	21							16B	9		C462CA	03	C462CA	00	1	TD4	B2	10B	QLFD GRL TO DBL D	
09897		XA441	49			XA437	20			16B	9		C462D0	01	C463GA	01	2	TQ2	D4	24B		
09898		XA437	20			XA435	21			16B	9		C462D0	02	C462CA	01	1	TD4	B2	11A		
09899		XA435	21							16B	9		C462D0	03	C462D0	00	1	TQ2	B3	10B	QLFD GRL TO DBL D	
09900		XA441	52			XA435	19			16B	9		C462EA	01	C462EA	00	1	TQ2	D1	24A	QLFD GRL TO DBL E	
09901		XA435	19							16B	9		C462EA	02	C462D0	01	2	TQ2	B3	09B		
09902		XA441	56			XA436	59			16B	9		C462F0	01	C462EA	01	1	TQ2	D1	24A		
09903		XA436	59							16B	9		C462F0	02	C462F0	00	1	TS8	E1	31B	QLFD GRL TO DBL E	
09904		XA436	64			XA435	27			16B	9		C462GA	01	C462F0	01	4	TS8	E1	30A		
09905		XA435	27							16B	9		C462GA	02	C462GA	00	1	TQ2	B4	13B	(FRMT/SHFT/I-OI.)	
09906		XA437	11			XA436	61			16B	9		C462HA	01	C462HA	00	1	TD4	A1	05B	SLCTD GR HALF WD	
09907		XA436	61							16B	9		C462HA	02	C462F0	01	8	TS8	E1	32B		
09908		XA437	09			XA435	25			16B	9		C462J0	01	C462J0	00	1	TD4	A2	04B	FORMAT/SHIFT/DEV/	
09909		XA435	25							16B	9		C462J0	02	C462GA	01	2	TQ2	B4	12B		
09910		XA437	13			XA436	76			16B	9		C462K0	01	C462HA	01	4	TD4	A1	06B		
09911		XA436	76							16B	9		C462K0	02	C462K0	00	1	TS8	F1	37A	SLCTD GR HALF WD	
09912		XA440	52			XA435	17			16B	9		C462LA	01	C462LA	00	1	TQ2	D1	24A	(FS 04). (MODE 3)	
09913		XA435	17							16B	9		C462LA	02	C462D0	01	1	TQ2	B3	08B		
09914		XA347	05			XA347	26			16B	9		C463CA	01	CMG090	01	5	TS8	A1	03B		
09915		XA347	26			XA347	30			16B	9		C463CA	02	CMG290	01	1	TS8	B1	14A		
09916		XA347	30			XA441	46			16B	9		C463CA	03	CMG390	01	6	TS8	C1	15A		
09917		XA441	46							16B	9		C463CA	04	C463CA	00	1	TQ2	D2	21A	QLFD GRU TO DBL D	
09918		XA441	48			XA435	46			16B	9		C463D0	01	C463CA	01	2	TQ2	D2	22A		
09919		XA435	46							16B	9		C463D0	02	C463D0	00	1	TQ2	D2	21A	QLFD GRU TO DBL D	
09920		XA441	45			XA435	50			16B	9		C463EA	01	C463EA	00	1	TQ2	D3	24B	QLFD GRU TO DBL E	
09921		XA435	50							16B	9		C463EA	02	C463D0	01	1	TQ2	D2	23A		
09922		XA441	43			XA435	45			16B	9		C463F0	01	C463EA	01	2	TQ2	D3	23B		
09923		XA435	45							16B	9		C463F0	02	C463F0	00	1	TQ2	D3	24B	QLFD GRU TO DBL E	
09924		XA441	51			XA435	48			16B	9		C463GA	01	C463GA	00	1	TQ2	D4	27B	GRU IS SELECTED I	
09925		XA435	48							16B	9		C463GA	02	C463D0	01	2	TQ2	D2	22A		
09926		XA547	54			XA545	06			16B	9		C501DA	01	CMN290	01	2	TS8	D1	25A		
09927		XA545	06							16B	9		C501DA	02	C501DA	00	1	TQ2	A1	09A	RST HOLD- L104	
09928		XA547	49			XA546	04			16B	9		C502DA	01	CMN290	01	8	TS8	D1	26B		
09929		XA546	04			XA538	21			16B	9		C502DA	02	CMN090	01	1	TD4	A2	04A		
										***		SIGNAL	C502DA		IS ON THE					NEXT PAGE	****	

DRAWING NUMBER		149011-800										STRING		UNIT ASSEMBLY NO		149011		REV D		INDEX		C502DA			
UNIT ASSEMBLY NAME		CARD CAGE ASSY,CPU R.H.												FILE IDENT		T39B2CP2		DATE		09-03-82		PAGE		218	
RECORD NUMBER	FROM			TO			WIRE			SIGNAL	SEQ NO	EQUATION	TERMS	FACT	CHK OR CHIP TYPE	GROUP	LOAD OR POWER PLANE	TEST POINTS AND/OR	SIGNAL DESCRIPTION	ECO NO					
	PREFIX	CONNECTOR	PIN	PREFIX	CONNECTOR	PIN	MULTI WIRE	CODE	COLOR												IDENT				
09930		XA538	21						168	9								10B	SET HOLD						
09931		XA546	08		XA545	01			168	9								08A	EXE MBA- MEM BANK						
09932		XA545	01						168	9								02B							
09933		XA548	14		XA548	13			168	9								09A	EXE MCL- MEM CLEM						
09934		XA548	13		XA548	13			168	9								06B							
09935		XA546	13		XA545	09			168	9								06B							
09936		XA545	09						168	9								04B							
09937		XA545	03		XA543	06			168	9								02A	L402/L701						
09938		XA543	06						168	9								05A							
09939		XA548	20		XA545	15			168	9								11A	EXE MMW						
09940		XA545	15		XA346	43			168	9								07B							
09941		XA346	43						168	9								23B							
09942		XA545	11		XA539	11			168	9								05B							
09943		XA539	11						168	9								05B							
09944		XA543	01		XA539	01			168	9								02B	E2.(INSTR)						
09945		XA539	01						168	9								02B							
09946		XA543	09		XA546	72			168	9								04B							
09947		XA548	72		XA536	70			168	9								34A							
09948		XA536	70						168	9								33A							
09949		XA544	04		XA543	04			168	9								04A	SMH/SDF/SDH/MZF/M						
09950		XA543	04		XA543	07			168	9								04A							
09951		XA543	07						168	9								03A							
09952		XA543	15		XA539	05			168	9								07B	E3.(INSTR)						
09953		XA539	05						168	9								03B							
09954		XA546	38		XA545	22			168	9								18A							
09955		XA545	22						168	9								12A							
09956		XA545	24		XA542	23			168	9								13A	RA/RS/SBT/RBT/RT/						
09957		XA542	23		XA543	13			168	9								11B							
09958		XA543	13						168	9								06B							
09959		XA543	14		XA539	06			168	9								09A	E5-(TQR/SSF/LOD)						
09960		XA539	06						168	9								05A							
09961		XA544	07		XA543	18			168	9								03A	TQR/SSF/LOD						
09962		XA543	18						168	9								10A							
09963		XA544	15		XA539	04			168	9								07B	E7.RQF.CN13*						
09964		XA539	04						168	9								04A							
										***	SIGNAL	(C505NA)	IS ON THE	NEXT PAGE	****										

DRAWING NUMBER 149011-800
 UNIT ASSEMBLY NAME CARD CAGE ASSY,CPU R.H.

STRING

UNIT ASSEMBLY NO. 149011
 FILE IDENT T39B2CP2

REV D
 DATE 09-03-82

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RECORD NUMBER	FROM			TO			WIRE			MULTI GROUP	CODE	COLOR	IDENT	SIGNAL	SEQ NO	EQUATION	TEST POINT	CRT OR CHIP TYPE	GROUP	LOAD OR POWER PLANE	TEST POINTS AND/OR	SIGNAL DESCRIPTION	ECO NO	
	PREFIX	CONNECTOR	PIN	PREFIX	CONNECTOR	PIN																		
10366 09966		XA538 XA539	33 13		XA539	13		16B 16B	9 9				C505NA C505NA	01 02	C505NA C505C0	00 1 01 8	TD4 TS8	C2 A1		16B 06B	E11.(TXP/TCP/TIE)	B03		
09967 09968		XA543 XA539	27 08		XA539	08		16B 16B	9 9				C505PA C505PA	01 02	C505PA C505C0	00 1 01 2	TQ2 TS8	B4 A1		13B 06A	E17.TCP			
09969 09970 09971		XA548 XA545 XA346	24 14 48		XA545 XA346	14 48		16B 16B 16B	9 9 9				C505QA C505QA C505QA	01 02 03	CMM290 C505QA CT08F0	01 2 00 1 01 2	TS8 TQ2 TD4	B1 B2 D2		13A 09A 22A	EXE MMW			
09972 09973		XA545 XA543	20 52		XA543	52		16B 16B	9 9				C505Q0 C505Q0	01 02	C505Q0 C505Q0	01 1 00 1	TQ2 TQ2	B2 D1		11A 24A				
10035 09975 09976 09977		XA545 XA548 XA548 XA343	52 25 07 34		XA548 XA548 XA343	25 07 34		16B 16B 16B 16B	9 9 9 9				C506CA C506CA C506CA C506CA	01 02 03 04	C506CA CMM290 CMM090 CT06F0	00 1 01 8 01 7 01 5	TQ2 TS8 TS8 TS8	D1 B1 A1 C1		24A 12B 03A 16A	BLO M00015 D80015			
09980 10038		XA546 XA545	21 54		XA545	54		16B 16B	9 9				C506C0 C506C0	01 02	C506C0 C506CA	00 1 01 2	TD4 TQ2	B2 D1		10B 25A				
09982 09983 09984		XA548 XA548 XA545	10 19 21		XA548 XA545	19 21		16B 16B 16B	9 9 9				C506DA C506DA C506DA	01 02 03	CMM090 CMM290 C506DA	01 1 01 7 00 1	TS8 TS8 TQ2	A1 B1 B3		07A 09B 10B	EXE MRM- ES00			
09985 09986		XA546 XA545	35 19		XA545	19		16B 16B	9 9				C506E0 C506E0	01 02	C506E0 C506DA	00 1 01 2	TD4 TQ2	C1 B3		17B 09B				
09987 09988		XA546 XA545	14 27		XA545	27		16B 16B	9 9				C506FA C506FA	01 02	C506C0 C506FA	01 3 00 1	TD4 TQ2	B2 B4		09A 13B	E3.L0D			
09989 09990 03586		XA546 XA544 XA406	19 20 26		XA544 XA406	20 26		16B 16B 16B	9 9 9				C506GA C506GA C506GA	01 02 03	C506C0 C506GA C615C0	01 4 00 1 01 1	TD4 TT3 TQ2	B2 B1 B1		09B 11A 14A	E5.RQF.CN13*			
09991 18302 10248		XA546 XA543 XA540	20 29 36		XA543 XA540	29 36		16B 16B 16B	9 9 9				C506HA C506HA C506HA	01 02 03	C506C0 C507CA C506HA	01 1 01 1 00 1	TD4 TQ2 TT3	B2 C3 C1		11A 14B 17A	E10.(TXP/TCP/TIE)	B03 B03 B03		
09993 09994 09995		XA546 XA543 XA233	18 38 50		XA543 XA233	38 50		16B 16B 16B	9 9 9				C506JA C506JA C506JA	01 02 03	C506C0 C506JA C236C0	01 2 00 1 01 4	TD4 TQ2 TS8	B2 C1 D1		10A 18A 23A	E14.TCP			
09998 09999 10000		XA548 XA548 XA545	08 22 39		XA548 XA545	22 39		16B 16B 16B	9 9 9				C506QA C506QA C506QA	01 02 03	CMM090 CMM290 C506QA	01 2 01 3 00 1	TS8 TS8 TQ2	A1 B1 C4		06A 12A 19B	EXE MRM			
10001 10002		XA545 XA543	37 66		XA543	66		16B 16B	9 9				C506Q0 C506Q0	01 02	C506QA C506Q0	01 2 00 1	TQ2 TQ2	C4 E1		18B 31A				
												****	SIGNAL	C507CA	IS ON THE NEXT PAGE ****									

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DRAWING NUMBER 149011-800
UNIT ASSEMBLY NAME CARD CAGE ASSY,CPU R.H.

STRING

UNIT ASSEMBLY NO 149011
FILE IDENT T3982CP2
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INDEX C507CA
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RECORD NUMBER	FROM				TO				WIRE			SIGNAL	SEQ NO	EQUATION	Z	O	C	C	G	L	T	S	SIGNAL DESCRIPTION	ECO NO
	PREFIX	CONNECTOR	PIN	WIRE	PREFIX	CONNECTOR	PIN	WIRE	CODE	COLOR	IDENT													
10003		XA543	33		XA548	05			16B	9		C507CA	01	C507CA	00	1	TQ2	C3		16B		EXE MRR- (ES00)*		
10004		XA548	05		XA343	30			16B	9		C507CA	02	CMM090	01	5	TS8	A1		03B				
10005		XA343	30						16B	9		C507CA	03	CT06FD	01	6	TS8	C1		19A				
10008		XA543	31		XA542	59			16B	9		C507C0	01	C507CA	01	2	TQ2	C3		19B				
10009		XA542	59						16B	9		C507C0	02	C507C0	03	1	TS8	E1		31B		E3INSTRS/F1/F3/L3		
10010		XA543	39		XA542	62			16B	9		C507DA	01	C507DA	00	1	TQ2	C4		19B		E2.(TXP/TCP/TIE)		
10011		XA542	62						16B	9		C507DA	02	C507C0	01	5	TS8	E1		29A				
10012		XA545	30		XA542	64			16B	9		C507EA	01	C507EA	00	1	TQ2	C2		15A		F03.M003		
10013		XA542	64						16B	9		C507EA	02	C507C0	01	4	TS8	E1		30A				
10014		XA548	01		XA544	19			16B	9		C507FA	01	CMM090	01	6	TS8	A1		02B				
10015		XA544	19						16B	9		C507FA	02	C507FA	00	1	TT3	B2		09B		EXE MRR- ES00		
10016		XA544	14		XA542	35			16B	9		C507G0	01	C507FA	01	2	TT3	B2		09A				
10017		XA542	35						16B	9		C507G0	02	C507G0	01	1	TS8	C1		17B				
10018		XA543	46		XA542	40			16B	9		C507HA	01	C507HA	00	1	TQ2	D2		21A				
10019		XA542	40						16B	9		C507HA	02	C507G0	01	2	TS8	C1		19A				
10020		XA543	50		XA542	47			16B	9		C507HO	01	C507HA	01	1	TQ2	D2		23A				
10021		XA542	47						16B	9		C507HO	02	C507HO	00	1	TS8	D1		25B				
10022		XA205	55		XA542	66			16B	9		C507JA	01	C507JA	00	1	TT3	E2		29B		SLC L603		
10023		XA542	66						16B	9		C507JA	02	C507C0	01	3	TS8	E1		31A				
10026		XA544	80		XA542	60			16B	9		C507KA	01	C507KA	00	1	TQ2	F4		39A		F01. WASP *		
10027		XA542	60						16B	9		C507KA	02	C507C0	01	6	TS8	E1		28A				
10028		XA545	33		XA548	18			16B	9		C508DA	01	C508DA	00	1	TQ2	C3		16B		EXE MWR		
10029		XA548	18		XA546	06			16B	9		C508DA	02	CMM290	01	5	TS8	B1		10A				
10030		XA546	06		XA346	46			16B	9		C508DA	03	CMM190	01	3	TQ4	A1		05A				
10031		XA346	46						16B	9		C508DA	04	CT08FD	01	3	TQ4	D2		21A				
10032		XA545	31		XA543	30			16B	9		C508E0	01	C508DA	01	2	TQ2	C3		15B				
10033		XA543	30						16B	9		C508E0	02	C508E0	00	1	TQ2	C2		15A				
10037		XA541	70		XA543	45			16B	9		C509CA	01	C513AA	01	1	TQ2	E1		33A				
09974		XA543	45		XA545	76			16B	9		C509CA	02	C509CA	00	1	TQ2	D3		24B		EXE MRR- (ES00)*		
10036		XA545	76		XA548	66			16B	9		C509CA	03	C512AA	01	1	TQ2	F4		37A				
10034		XA548	66						16B	9		C509CA	04	CMM590	01	3	TS8	E1		31A				
09981		XA543	41		XA544	50			16B	9		C509C0	01	C509CA	01	1	TQ2	D3		22B				
10039		XA544	50						16B	9		C509C0	02	C509C0	00	1	TT3	D1		23A		(INS EXE)/L503		
10040		XA545	46		XA544	54			16B	9		C509DA	01	C509DA	00	1	TQ2	D2		21A		E2.(SMH/SDH)		
10041		XA544	54						16B	9		C509DA	02	C509C0	01	2	TT3	D1		25A				
									****	SIGNAL		C509FA										S ON THE NEXT PAGE ****		

DRAWING NUMBER 149011-800
 UNIT ASSEMBLY NAME CARD CAGE ASSY,CPU R.H.

STRING

UNIT ASSEMBLY NO. 149011
 FILE IDENT T39B2CP2

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RECORD NUMBER	FROM				TO				WIRE		SPEC. IDENT.	SIGNAL	SEQ NO	EQUATION	TERM	FACOR	CMT OR CHIP TYPE	GROUP	LOAD OR POWER PLANE	TEST POINTS AND/OR	SIGNAL DESCRIPTION	ECO NO	
	PREFIX	CONNECTOR	PIN	WIRE NO	PREFIX	CONNECTOR	PIN	WIRE NO	MULTI BROW	CODE													COLOR
10042		XA544	56		XA543	57			168	9		C509FA	01	C509C0	01	1	TY3	D1		26A			
10043		XA543	57						168	9		C509FA	02	C509FA	00	1	TQ2	E3		30B	E3.(S6T/R6T/MIU/M		
10044		XA548	64		XA545	45			168	9		C510CA	01	CMM590	01	4	TS8	E1		30A			
10045		XA545	45		XA547	22			168	9		C510CA	02	C510CA	00	1	TQ2	D3		24B	BLO M00031DB0031		
10046		XA547	22						168	9		C510CA	03	CMM890	01	3	TS8	B1		12A			
10047		XA545	43		XA542	76			168	9		C510C0	01	C510CA	01	2	TQ2	D3		23B			
10048		XA542	76						168	9		C510C0	02	C510C0	00	1	TS8	F1		37A			
10049		XA546	33		XA542	78			168	9		C510DA	01	C510DA	00	1	TD4	C2		16B	E1.(INSTR).MASP*		
10050		XA542	78						168	9		C510DA	02	C510C0	01	8	TS8	F1		38A			
10051		XA546	34		XA544	25			168	9		C510E0	01	C510DA	01	2	TD4	C2		16A			
10052		XA544	25		XA539	47			168	9		C510E0	02	C512YA	01	3	TY3	B3		12B			
10053		XA539	47						168	9		C510E0	03	C510E0	00	1	TS8	D1		25B	ROW1/10F/RI/RE/RN		
10054		XA543	51		XA539	54			168	9		C510FA	01	C510FA	00	1	TQ2	D4		27B	ROW2.(CLU/CLL)*		
10055		XA539	54						168	9		C510FA	02	C510E0	01	2	TS8	D1		25A			
10056		XA544	36		XA542	75			168	9		C510GA	01	C510GA	00	1	TY3	C1		17A	E1.(LDF/EXF).MAGR		
10057		XA542	75						168	9		C510GA	02	C510C0	01	3	TS8	F1		37B			
10058		XA545	66		XA544	38			168	9		C510H0	01	C510H0	00	1	TQ2	E1		31A	LDF/EXF		
10059		XA544	38						168	9		C510H0	02	C510GA	01	3	TY3	C1		18A			
10060		XA545	60		XA542	72			168	9		C510JA	01	C510JA	00	1	TQ2	E2		28A	E2.(SDF/(TQR).MAGR		
10061		XA542	72						168	9		C510JA	02	C510C0	01	6	TS8	F1		34A			
10062		XA545	64		XA543	63			168	9		C510K0	01	C510JA	01	1	TQ2	E2		30A			
10063		XA543	63						168	9		C510K0	02	C510K0	00	1	TQ2	E4		33B			
10064		XA545	57		XA543	61			168	9		C510LA	01	C510LA	00	1	TQ2	E3		30B	TQR.MAGR*		
10065		XA543	61						168	9		C510LA	02	C510K0	01	2	TQ2	E4		32B			
10066		XA545	63		XA542	74			168	9		C510MA	01	C510MA	00	1	TQ2	E4		33B	E3.(RA/RS/RI/RE/R		
10067		XA542	74						168	9		C510MA	02	C510C0	01	7	TS8	F1		35B			
10068		XA546	47		XA545	59			168	9		C510N0	01	C510N0	00	1	TD4	D1		25B			
10069		XA545	59						168	9		C510N0	02	C510MA	01	1	TQ2	E4		31B			
10070		XA545	75		XA542	77			168	9		C510PA	01	C510PA	00	1	TQ2	F1		37B	E4.(MTH/TS1)		
10071		XA542	77						168	9		C510PA	02	C510C0	01	2	TS8	F1		38B			
10072		XA545	79		XA543	75			168	9		C510Q0	01	C510PA	01	1	TQ2	F1		39B			
10073		XA543	75						168	9		C510Q0	02	C510Q0	00	1	TQ2	F1		37B			
10074		XA545	72		XA542	71			168	9		C510RA	01	C510RA	00	1	TQ2	F2		34A	E5.(TQR/SSF)		
10075		XA542	71						168	9		C510RA	02	C510C0	01	5	TS8	F1		34A			
												****	SIGNAL	C510S0							IS ON THE	NEXT PAGE	****

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DRAWING NUMBER 149011-800
 UNIT ASSEMBLY NAME CARD CAGE ASSY,CPU R.H.

STRING

UNIT ASSEMBLY NO 149011
 FILE IDENT T3982CP2
 REV D
 DATE 09-03-82
 INDEX C510S0
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RECORD NUMBER	FROM				TO				WIRE		SIGNAL	SFG NO	EQUATION	TERM	FACOR	CKT OR CHIP TYPE	GROUP	LOAD OR POWER PLANE	TEST POINTS AND/OR	SIGNAL DESCRIPTION	ECO NO
	PREFIX	CONNECTOR	PIN	WIRE NO	PREFIX	CONNECTOR	PIN	WIRE NO	MULTI GROUP	CODE											
10076		XA545	73		XA544	73		168	9			C510S0	01	C510RA	01	1	TQ2	F2	36B		
10077		XA544	73					168	9			C510S0	02	C510S0	00	1	TT3	F1	36B		TQR/SSF
10078		XA545	69		XA542	73		168	9			C510TA	01	C510TA	00	1	TQ2	F3	35A		E7.(RQF/TXP/TCP/T
10079		XA542	73					168	9			C510TA	02	C510C0	01	4	TS8	F1	36B		
10080		XA545	74		XA543	72		168	9			C510U0	01	C510TA	01	2	TQ2	F3	35B		
10081		XA543	72					168	9			C510U0	02	C510U0	00	1	TQ2	F2	34A		RQF/TXP/TCP/TIE
10082		XA543	22		XA542	79		168	9			C510VA	01	C510VA	00	1	TQ2	B1	12A		E4.MTH
10083		XA542	79					168	9			C510VA	02	C510C0	01	1	TS8	F1	35B		
10084		XA530	19		XA543	24		168	9			C510V0	01	C510V0	00	1	TT3	B2	09B		FS02/L607/ATES ST0
10085		XA543	24					168	9			C510V0	02	C510VA	01	2	TQ2	B1	13A		
10086		XA544	74		XA543	65		168	9			C510XA	01	C510XA	00	1	TT3	F2	35B		MAGR*.MAPC*.MAQR*
10087		XA543	65		XA541	07		168	9			C510XA	02	C510X0	01	1	TQ2	F3	34B		
10088		XA541	07					168	9			C510XA	03	C521MA	01	2	TQ2	A3	03A		
10089		XA530	05		XA544	40		168	9			C510X0	01	C529DA	01	1	TT3	A2	03B		
10090		XA544	40		XA544	46		168	9			C510X0	02	C510GA	01	2	TT3	C1	19A		
10091		XA544	46		XA543	69		168	9			C510X0	03	C512KA	01	2	TT3	D2	21A		
10092		XA543	69					168	9			C510X0	04	C510X0	00	1	TQ2	F3	35A		MAGR*.MAPC*.MAQR*
10093		XA547	48		XA547	42		168	9			C511DA	01	CMN290	01	6	TS8	D1	21A		
10094		XA547	42		XA544	31		168	9			C511DA	02	CMN190	01	1	TS8	C1	20A		
10095		XA544	31		XA546	07		168	9			C511DA	03	C511DA	00	1	TT3	C2	15B		BLO MB0015081631
10096		XA546	07					168	9			C511DA	04	CMN090	01	4	TQ4	A2	03A		
10097		XA544	30		XA539	35		168	9			C511E0	01	C511DA	01	2	TT3	C2	15A		
10098		XA539	35					168	9			C511E0	02	C511E0	00	1	TS8	C1	17B		SBY/RBT/LDF/LDR7K
10099		XA547	06		XA547	14		168	9			C512AA	01	CMN790	01	3	TS8	A1	05A		
10100		XA547	14		XA548	60		168	9			C512AA	02	CMN890	01	6	TS8	B1	09A		
10101		XA548	60		XA545	80		168	9			C512AA	03	CMN590	01	6	TS8	E1	28A		
10102		XA545	80					168	9			C512AA	04	C512AA	00	1	TQ2	F4	39A		
10103		XA545	78		XA544	80		168	9			C512A0	01	C512AA	01	2	TQ2	F4	38A		
10104		XA544	80					168	9			C512A0	02	C512A0	00	1	TT3	F3	39A		BLO M00015081631
10105		XA541	49		XA541	76		168	9			C512C0	01	C513CA	01	2	TQ2	D4	26B		
10106		XA541	76		XA539	76		168	9			C512C0	02	C512XA	01	1	TQ2	F4	37A		
10107		XA539	76					168	9			C512C0	03	C512C0	00	1	TS8	F1	37A		(INSTR)/L603
10108		XA544	39		XA539	72		168	9			C512DA	01	C512DA	00	1	TT3	C3	16B		E1.(INSTR).MAPC*.
10109		XA539	72					168	9			C512DA	02	C512C0	01	6	TS8	F1	34A		
10110		XA544	35		XA539	23		168	9			C512E0	01	C512DA	01	2	TT3	C3	17B		
10111		XA539	23					168	9			C512E0	02	C512E0	00	1	TS8	B1	11B		
											****	SIGNAL	C512FA								IS ON THE NEXT PAGE ****

DRAWING NUMBER		149011-800		STRING		UNIT ASSEMBLY NO		149011		REV D		INDEX		C512FA									
UNIT ASSEMBLY NAME		CARD CAGE ASSY, CPU R.H.				FILE IDENT		T39B2CP2		DATE		09-03-82		PAGE									
RECORD NUMBER	PREFIX	CONNECTOR	PIN	PIN	PREFIX	CONNECTOR	PIN	MULTI GROUP	CODE	COL IN	IDENT	SIGNAL	SEQ NO	EQUATION	Z	FACT	CKT OR CHIP TYPE	PROP	LOAD OR POWER PLANE	TEST POINTS AND OP	SIGNAL DESCRIPTION	ECO NO	
10112		XA546	45		XA539	73			168 9			C512FA	01	C512FA	00	1	TD4	D2		24B	E1.(INS).MOD0*.MA		
10113		XA539	73						168 9			C512FA	02	C512CO	01	4	TS8	F1		36B			
10114		XA546	50		XA544	64			168 9			C512HO	01	C512FA	01	1	TD4	D2		23A			
10115		XA544	64						168 9			C512HO	02	C512HO	00	1	TT3	E1		30A			
10116		XA431	05		XA544	70			168 9			C512JA	01	CYRJBT	01	1	TD0	B1		03B			
10117		XA544	70		XA543	80			168 9			C512JA	02	C512HO	01	1	TT3	E1		33A			
10118		XA543	80						168 9			C512JA	03	C512JA	00	1	TQ2	F4		39A			
10119		XA543	78		XA541	75			168 9			C512JO	01	C512JA	01	2	TQ2	F4		38A			
10120		XA541	75						168 9			C512JO	02	C512JO	00	1	TQ2	F1		37B	DEV/DEX/ITR/OFR		
10121		XA544	43		XA539	71			168 9			C512KA	01	C512KA	00	1	TT3	D2		23B	E1.(INS).MAGR*.MA		
10122		XA539	71						168 9			C512KA	02	C512CO	01	5	TS8	F1		36A			
10123		XA544	41		XA540	73			168 9			C512LO	01	C512KA	01	3	TT3	D2		22B			
10124		XA540	73						168 9			C512LO	02	C512LO	00	1	TT3	F1		36B	SBT/RBT/LDH/TSZ/T		
10125		XA541	52		XA539	74			168 9			C512MA	01	C512MA	00	1	TQ2	D1		24A	E2.(INS).MA15*		
10126		XA539	74						168 9			C512MA	02	C512CO	01	7	TS8	F1		35B			
10127		XA544	51		XA541	56			168 9			C512NO	01	C512NO	00	1	TT3	D3		27B	X INSTR /SMH/SDH		
10128		XA541	56						168 9			C512NO	02	C512MA	01	1	TQ2	D1		26A			
10129		XA541	46		XA539	78			168 9			C512PA	01	C512PA	00	1	TQ2	D2		21A	E3.(SBT/RBT/MIU/M		
10130		XA539	78						168 9			C512PA	02	C512CO	01	8	TS8	F1		38A			
10131		XA544	69		XA541	45			168 9			C512RA	01	C512A0	01	1	TT3	F3		35A			
10132		XA541	45						168 9			C512RA	02	C512RA	00	1	TQ2	D3		24B			
10133		XA546	59		XA541	43			168 9			C512RO	01	C512RO	00	1	TD4	E1		31B			
10134		XA541	43						168 9			C512RO	02	C512RA	01	2	TQ2	D3		23B			
10135		XA546	61		XA544	55			168 9			C512SA	01	C512RO	01	4	TD4	E1		32B	E1.TQR.MAGR*		
10136		XA544	55						168 9			C512SA	02	C512SA	00	1	TT3	E2		29B			
10137		XA546	70		XA541	72			168 9			C512TA	01	C512RO	01	1	TD4	E1		33A			
10138		XA541	72						168 9			C512TA	02	C512TA	00	1	TQ2	F2		34A	E4.(TXP/TCP/TIE)		
10139		XA546	66		XA544	63			168 9			C512UA	01	C512RO	01	3	TD4	E1		31A			
10140		XA544	63						168 9			C512UA	02	C512UA	00	1	TT3	E3		33B	E15.TXP.AQ19*		
10141		XA546	68		XA538	59			168 9			C512VA	01	C512RO	01	2	TD4	E1		32A			
10142		XA538	59						168 9			C512VA	02	C512VA	00	1	TD4	E1		31B	F4.MOD3.MASP*.MAL		
10143		XA544	76		XA541	69			168 9			C512WA	01	C512A0	01	2	TT3	F3		37A			
10144		XA541	69						168 9			C512WA	02	C512WA	00	1	TQ2	F3		39A			
10145		XA541	74		XA540	74			168 9			C512WO	01	C512WA	01	2	TQ2	F3		39B			
												****	SIGNAL	C512WO	IS ON THE		NEXT PAGE		****				

DRAWING NUMBER 149011-800 UNIT ASSEMBLY NAME CARD CAGE ASSY, CPU R.H. STRING UNIT ASSEMBLY NO 149011 FILE IDENT T3982CP2 DATE 09-03-82 INDEX PAGE 224

RECORD NUMBER	FROM				TO				MULTI WIRE	CODE	CABLE	IDENT	SIGNAL	SEC NO	EQUATION	P	C	W	TYP	GROUP	LOAD OR POWER PLANE	TEST POINTS AND/OR	SIGNAL DESCRIPTION	ECO NO			
	PREFIX	CONNECTOR	PIN	WIRE	PREFIX	CONNECTOR	PIN	WIRE																			
10146		XA540	74						168	9		C512W0	02	C512W0	00	1	TT3	F2			35B						
10147		XA544	78		XA541	80			168	9		C512XA	01	C512A0	01	3	TT3	F3				38A					
10148		XA541	80						168	9		C512XA	02	C512XA	00	1	TQ2	F4				39A	BLO MD00150B1631				
18803		XA544	27		XA539	22			168	9		C512YA	01	C512YA	00	1	TT3	B3				13B	(X INSTRS).(MODEL)				
10150		XA539	22						168	9		C512YA	02	C512E0	01	3	TS8	B1				12A					
10151		XA547	05		XA548	62			168	9		C513AA	01	CMM790	01	5	TS8	A1				03B					
10152		XA548	62		XA541	66			168	9		C513AA	02	CMM590	01	5	TS8	E1				29A					
10153		XA541	66						168	9		C513AA	03	C513AA	00	1	TQ2	E1				31A	BLO MD16310B1631				
10154		XA546	57		XA541	68			168	9		C513A0	01	C513A0	00	1	TQ4	E2				30B					
10155		XA541	68						168	9		C513A0	02	C513AA	01	2	TQ2	E1				32A					
10156		XA546	60		XA541	51			168	9		C513CA	01	C513A0	01	3	TQ4	E2				28A					
10157		XA541	51						168	9		C513CA	02	C513CA	00	1	TQ2	D4				27B	BLO MD16310B1631				
10158		XA546	64		XA540	80			168	9		C513DA	01	C513A0	01	1	TQ4	E2				30A					
10159		XA540	80						168	9		C513DA	02	C513DA	00	1	TT3	F3				39A	E15.TCP.AQ19				
10160		XA546	55		XA538	57			168	9		C513EA	01	C513A0	01	4	TQ4	E2				29B					
10161		XA538	57						168	9		C513EA	02	C513EA	00	1	TQ4	E2				30B	F4.MOD3.MASP#.MA1				
10162		XA547	13		XA547	26			168	9		C514CA	01	CMM790	01	8	TS8	A1				06B					
10163		XA547	26		XA548	55			168	9		C514CA	02	CMM890	01	1	TS8	B1				14A					
10164		XA548	55		XA548	74			168	9		C514CA	03	CMM590	01	7	TS8	E1				29B					
10165		XA548	74		XA537	75			168	9		C514CA	04	CMM690	01	7	TS8	F1				35B					
10166		XA537	75						168	9		C514CA	05	C514CA	00	1	TQ2	F1				37B	BLO MD00070B2431				
10167		XA541	64		XA537	72			168	9		C514DA	01	C514D0	01	1	TQ2	E2				30A					
10168		XA537	72						168	9		C514DA	02	C514DA	00	1	TQ2	F2				34A	E2.(CLU/LDU)				
10169		XA541	60		XA537	64			168	9		C514D0	01	C514D0	00	1	TQ2	E2				28A					
10170		XA537	64		XA537	77			168	9		C514D0	02	C516CA	01	1	TQ2	E2				30A					
10171		XA537	77						168	9		C514D0	03	C514CA	01	2	TQ2	F1				38B					
10172		XA537	73		XA535	69			168	9		C514F0	01	C514DA	01	1	TQ2	F2				36B					
10173		XA535	69						168	9		C514F0	02	C514F0	00	1	TQ2	F3				35A	CLU/LDU				
10174		XA547	01		XA548	68			168	9		C515CA	01	CMM790	01	6	TS8	A1				02B					
10175		XA548	68		XA548	71			168	9		C515CA	02	CMM590	01	2	TS8	E1				32A					
10176		XA548	71		XA537	80			168	9		C515CA	03	CMM690	01	5	TS8	F1				36A					
10177		XA537	80						168	9		C515CA	04	C515CA	00	1	TQ2	F4				39A	BLO MD08150B2431				
10178		XA541	55		XA537	66			168	9		C515DA	01	C515D0	01	2	TQ2	E3				29B					
10179		XA537	66						168	9		C515DA	02	C515DA	00	1	TQ2	E1				31A	E2.(CLL/LDL)				
10180		XA541	57		XA537	55			168	9		C515D0	01	C515D0	00	1	TQ2	E3				30B					
10181		XA537	55		XA537	76			168	9		C515D0	02	C517CA	01	2	TQ2	E3				29B					
													****	SIGNAL	C515D0									S ON THE NEXT PAGE ****			

DRAWING NUMBER		149011-800		STRING		UNIT ASSEMBLY NO		149011		REV D		INDEX		C51500											
UNIT ASSEMBLY NAME		CARD CAGE ASSY,CPU R.H.				FILE IDENT		T39B2CP2		DATE		09-03-82		PAGE		225									
RECORD NUMBER	PREFIX	CONNECTOR	PIN	TO	PREFIX	CONNECTOR	PIN	WIRE	MULTI GROUP	CODE	COLOR	IDENT	SIGNAL	SEQ NO	EQUATION	TERM	FACT	CHT OR CHIP TYPE	GROUP	LOAD CP POWER PLANE	TEST POINTS AND/OR	SIGNAL DESCRIPTION	ECO NO		
10182		XA537	76							168	9		C51500	03	C515CA	01	1	TQ2	F4		37A				
10183		XA541	63		XA537	68				168	9		C515F0	01	C515F0	00	1	TQ2	E4		33B	CLL/LDL			
10184		XA537	68							168	9		C515F0	02	C515DA	01	2	TQ2	E1		32A				
10185		XA547	20		XA548	61				168	9		C516AA	01	CMM890	01	4	TS8	B1		11A				
10186		XA548	61		XA548	72				168	9		C516AA	02	CMM590	01	8	TS8	E1		32B				
10187		XA548	72		XA543	60				168	9		C516AA	03	CMM690	01	6	TS8	F1		34A				
10188		XA543	60							168	9		C516AA	04	C516AA	00	1	TQ2	E2		28A	SMH/SDH			
10189		XA535	45		XA543	62				168	9		C516A0	01	C516A0	00	1	TQ2	D3		24B	UNQUALIFIED MEM C			
10190		XA543	62							168	9		C516A0	02	C516AA	01	2	TQ2	E2		29A				
10191		XA535	41		XA537	60				168	9		C516CA	01	C516A0	01	1	TQ2	D3		22B				
10192		XA537	60							168	9		C516CA	02	C516CA	00	1	TQ2	E2		28A	BLO MD1623DB2431			
10193		XA548	73		XA548	70				168	9		C517CA	01	CMM690	01	4	TS8	F1		36B				
10194		XA548	70		XA537	57				168	9		C517CA	02	CMM590	01	1	TS8	E1		33A				
10195		XA537	57							168	9		C517CA	03	C517CA	00	1	TQ2	E3		30B	BLO MD2431DB2431			
10196		XA547	38		XA537	63				168	9		C518CA	01	CMN190	01	3	TS8	C1		18A				
10197		XA537	63							168	9		C518CA	02	C518CA	00	1	TQ2	E4		33B	BTR DB1631MA0015			
10198		XA539	59		XA537	59				168	9		C518C0	01	C518C0	00	1	TS8	E1		31B				
10199		XA537	59							168	9		C518C0	02	C518CA	01	1	TQ2	E4		31B				
10200		XA539	61		XA537	52				168	9		C518DA	01	C518C0	01	8	TS8	E1		32B				
10201		XA537	52							168	9		C518DA	02	C518DA	00	1	TQ2	D1		24A	E1.(FRMT/SHFT)			
10202		XA541	38		XA537	54				168	9		C518E0	01	C518E0	00	1	TQ2	C1		18A				
10203		XA537	54							168	9		C518E0	02	C518DA	01	2	TQ2	D1		25A				
10204		XA539	55		XA537	46				168	9		C518FA	01	C518C0	01	7	TS8	E1		29B				
10205		XA537	46							168	9		C518FA	02	C518FA	00	1	TQ2	D2		21A	E2.(XEX/TXP/TCP/T			
10206		XA541	30		XA537	48				168	9		C518G0	01	C518G0	00	1	TQ2	C2		15A	XEX/TXP/TCP/TIE/L			
10207		XA537	48							168	9		C518G0	02	C518FA	01	2	TQ2	D2		22A				
10208		XA539	64		XA537	45				168	9		C518HA	01	C518C0	01	4	TS8	E1		30A				
10209		XA537	45							168	9		C518HA	02	C518HA	00	1	TQ2	D3		24B	E5.(TXP/TCP/TIE)			
10210		XA539	68		XA537	51				168	9		C518JA	01	C518C0	01	2	TS8	E1		32A				
10211		XA537	51							168	9		C518JA	02	C518JA	00	1	TQ2	D4		27B	E13.TCP			
10212		XA539	66		XA537	38				168	9		C518KA	01	C518C0	01	3	TS8	E1		31A				
10213		XA537	38							168	9		C518KA	02	C518KA	00	1	TQ2	C1		18A	F0.XEXN*			
10214		XA539	60		XA537	30				168	9		C518LA	01	C518C0	01	6	TS8	E1		28A				
10215		XA537	30							168	9		C518LA	02	C518LA	00	1	TQ2	C2		15A				
													****	SIGNAL	C518L0	IS ON THE NEXT PAGE				****					

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DRAWING NUMBER 149011-800		STRING										UNIT ASSEMBLY NO 149011		REV D		INDEX C518L0								
UNIT ASSEMBLY NAME CARD CAGE ASSY,CPU R.H.												FILE IDENT T39B2CP2		DATE 09-03-82		PAGE 226								
RECORD NUMBER	FROM				TO				WIRE			SIGNAL	SEQ NO	EQUATION	P	S	CKT OR CHIP TYPE	GROUP	LOAD OR POWER PLANE	TEST POINTS		SIGNAL DESCRIPTION	ECO NO	
	PREFIX	CONNECTOR	PIH	PIN	PREFIX	CONNECTOR	PIH	PIN	MULTI GROUP	CODE	COLOR									IDENT	AND OR			AND OR
10216		XA540	64		XA537	36			168	9			C518L0	01	C518L0	00	1	TT3	E1		30A		FZ/F4/F6	
10217		XA537	36						168	9			C518L0	02	C518LA	01	1	TQ2	C2		17A			
10218		XA540	55		XA539	70			168	9			C518MA	01	C518MA	00	1	TT3	E2		29B		L101/L201/L301/L4	
10219		XA539	70						168	9			C518MA	02	C518C0	01	1	TS8	E1		33A			
10220		XA539	62		XA537	33			168	9			C518NA	01	C518C0	01	5	TS8	E1		24A			
10221		XA537	33						168	9			C518NA	02	C518NA	00	1	TQ2	C3		16B			
10222		XA540	63		XA537	31			168	9			C518N0	01	C518N0	00	1	TT3	E3		33B		L604/L605/L700	
10223		XA537	31						168	9			C518N0	02	C518N0	01	2	TQ2	C3		15B			
10224		XA547	43		XA547	40			168	9			C519CA	01	CMN290	01	7	TS8	D1		23B			
10225		XA547	40		XA537	39			168	9			C519CA	02	CMN190	01	2	TS8	C1		19A			
10226		XA537	39						168	9			C519CA	03	C519CA	00	1	TQ2	C4		19B		BTR DB1631NB0015	
10227		XA540	43		XA537	37			168	9			C519D0	01	C519D0	00	1	TT3	D2		23B		(INSTR)/L603	
10228		XA537	37						168	9			C519D0	02	C519CA	01	2	TQ2	C4		18B			
10229		XA540	48		XA537	22			168	9			C519EA	01	C519D0	01	1	TT3	D2		22A			
10230		XA537	22						168	9			C519EA	02	C519EA	00	1	TQ2	B1		12A			
10231		XA540	51		XA537	24			168	9			C519F0	01	C519F0	00	1	TT3	D3		27B		SMH/SDF/SOH/MZF/M	
10232		XA537	24						168	9			C519F0	02	C519EA	01	2	TQ2	B1		13A			
10233		XA540	46		XA537	14			168	9			C519GA	01	C519D0	01	2	TT3	D2		21A			
10234		XA537	14						168	9			C519GA	02	C519GA	00	1	TQ2	B2		09A			
10235		XA541	33		XA537	20			168	9			C519H0	01	C519H0	00	1	TQ2	C3		16B		SBT/RBT/MIU/MIC/E	
10236		XA537	20						168	9			C519H0	02	C519GA	01	1	TQ2	B2		11A			
10237		XA548	78		XA547	25			168	9			C520CA	01	CMN690	01	8	TS8	F1		38A			
10238		XA547	25		XA547	10			168	9			C520CA	02	CMN890	01	8	TS8	B1		12B			
10239		XA547	10		XA537	21			168	9			C520CA	03	CMN790	01	1	TS8	A1		07A			
10240		XA537	21						168	9			C520CA	04	C520CA	00	1	TQ2	B3		10B		BTR DB2431ND0007	
10241		XA541	39		XA537	19			168	9			C520C0	01	C520C0	00	1	TQ2	C4		19B			
10242		XA537	19						168	9			C520C0	02	C520CA	01	2	TQ2	B3		09B			
10243		XA541	37		XA540	50			168	9			C520DA	01	C520C0	01	2	TQ2	C4		18B			
10244		XA540	50						168	9			C520DA	02	C520DA	00	1	TT3	D1		23A		E2.(SDU/MTU).MA19	
10245		XA541	22		XA540	56			168	9			C520E0	01	C520E0	00	1	TQ2	B1		12A			
10246		XA540	56						168	9			C520E0	02	C520DA	01	1	TT3	D1		26A			
10247		XA541	35		XA545	38			168	9			C520FA	01	C520C0	01	1	TQ2	C4		17B			
09992		XA545	38						168	9			C520FA	02	C520FA	00	1	TQ2	C1		18A		E6.(TXP/TCP/TIE)	803
10249		XA541	14		XA540	38			168	9			C520GA	01	C520GA	00	1	TQ2	B2		09A		TRAC.PLE3	
10250		XA540	38		XA538	34			168	9			C520GA	02	C506HA	01	3	TT3	C1		18A			803
									****	SIGNAL			C520GA		IS ON THE						****			

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DRAWING NUMBER 149011-800
UNIT ASSEMBLY NAME CARD CAGE ASSY,CPU R.H.

STRING

UNIT ASSEMBLY NO 149011
FILE IDENT T39B2CP2

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DATE 09-03-82

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RECORD NUMBER	FROM				TO				WIRE			SIGNAL	SEQ NO	EQUATION	TYP	CKT OR CHIP TYPE	SNOP	LOAD OR POWER PLANE	TEST POINTS AND OP	SIGNAL DESCRIPTION	ECO NO
	PREFIX	CONNECTOR	PIN	WIRE NO	PREFIX	CONNECTOR	PIN	WIRE NO	MULTI GROUP	CODE	COLOR										
10251		XA538	34							168	9		C520GA	03	C505NA	01 2	T04 C2		16A		803
10252		XA547	04		XA547	19				168	9		C521CA	01	CMM790	01 4	TS8 A1		04A		
10253		XA547	19		XA541	21				168	9		C521CA	02	CMM890	01 7	TS8 B1		09B		
10254		XA541	21							168	9		C521CA	03	C521CA	00 1	TQ2 B3		10B		BYR DB1631MD0015
10255		XA541	17		XA536	11				168	9		C521CO	01	C521CA	01 1	TQ2 B3		08B		
10256		XA536	11							168	9		C521CO	02	C521CO	00 1	TS8 A1		09B		
10257		XA541	27		XA536	08				168	9		C521DA	01	C521DA	00 1	TQ2 B4		13B		(INSTR).MA15*
10258		XA536	08							168	9		C521DA	02	C521CO	01 2	TS8 A1		08A		
10259		XA541	25		XA540	31				168	9		C521EO	01	C521DA	01 2	TQ2 B4		12B		
10260		XA540	31		XA534	29				168	9		C521EO	02	C521EO	00 1	TT3 C2		15B		
10261		XA534	29							168	9		C521EO	03	C525DA	01 1	TQ2 C3		14B		
10262		XA540	29		XA537	06				168	9		C521FA	01	C521EO	01 3	TT3 C2		14B		
10263		XA537	06							168	9		C521FA	02	C521FA	00 1	TQ2 A1		05A		E1.(INSTR COND)
10264		XA538	09		XA537	08				168	9		C521GO	01	C521GO	00 1	T04 A2		04B		
10265		XA537	08							168	9		C521GO	02	C521FA	01 2	TQ2 A1		06A		
10266		XA538	01		XA537	01				168	9		C521HA	01	C521GO	01 3	T04 A2		02B		
10267		XA537	01							168	9		C521HA	02	C521HA	00 1	TQ2 A2		02B		(CLU/CLL/LDU/LDL)
10268		XA541	01		XA540	08				168	9		C521JO	01	C521JO	00 1	TQ2 A2		02B		CLU/CLL/LDU/LDL
10269		XA540	08		XA537	04				168	9		C521JO	02	C522FA	01 2	TT3 A1		06A		
10270		XA537	04							168	9		C521JO	03	C521HA	01 1	TQ2 A2		04A		
10271		XA538	04		XA537	05				168	9		C521KA	01	C521GO	01 1	T04 A2		04A		
10272		XA537	05							168	9		C521KA	02	C521KA	00 1	TQ2 A3		04B		
10273		XA540	39		XA537	07				168	9		C521LO	01	C521LO	00 1	TT3 C3		19B		SMH/SOH/MZH
10274		XA537	07		XA530	03				168	9		C521LO	02	C521KA	01 2	TQ2 A3		03A		
10275		XA530	03							168	9		C521LO	03	C529DA	01 3	TT3 A2		02A		
10276		XA541	09		XA538	05				168	9		C521MA	01	C521MA	00 1	TQ2 A3		04B		(MTU/MIL).(MAGR/M
10277		XA538	05							168	9		C521MA	02	C521GO	01 2	T04 A2		03B		
10278		XA540	20		XA538	07				168	9		C521NA	01	C521NA	00 1	TT3 B1		11A		(X INSTR).CC08*
10279		XA538	07							168	9		C521NA	02	C521GO	01 4	T04 A2		03A		
10280		XA540	34		XA537	15				168	9		C521PA	01	C521EO	01 1	TT3 C2		16A		
10281		XA537	15							168	9		C521PA	02	C521PA	00 1	TQ2 A4		07B		E2.(INSTR)
10282		XA537	11		XA532	47				168	9		C521Q0	01	C521PA	01 1	TQ2 A4		05B		
10283		XA532	47							168	9		C521Q0	02	C521Q0	00 1	TS8 D1		25B		RAH/RSH/SBT/RBT/R
10284		XA540	30		XA537	27				168	9		C521RA	01	C521EO	01 2	TT3 C2		15A		
10285		XA537	27							168	9		C521RA	02	C521RA	00 1	TQ2 B4		13B		E3.(MTH/(TS1.AC00

DRAWING NUMBER 149011-800
 UNIT ASSEMBLY NAME CARD CAGE ASSY,CPU R.H.

STRING

UNIT ASSEMBLY NO 149011
 FILE IDENT T39B2CP2
 DATE 09-03-82
 INDEX PAGE C521RA
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RECORD NUMBER	FROM				TO				WIRE				SIGNAL	SEQ NO	EQUATION	SERIES	FACTOR	CPT OR CHIP TYPE	GMP	LOAD OR POWER PLANT	TEST POINTS AND/OR	SIGNAL DESCRIPTION	TCO NO		
	PREFIX	CONNECTOR	PIN	WIRE	PREFIX	CONNECTOR	PIN	WIRE	MULTI GROUP	CODE	COLOR	IDENT													
10286	XA540	19		XA536	05		168	9					C521SA	01	C521SA	00	1	TY3	B2		J98	E4.TQR.PY03*			
10287	XA536	05					168	9					C521SA	02	C521CO	01	5	TS8	A1		038				
10288	XA540	27		XA536	06		168	9					C521TA	01	C521TA	00	1	TT3	B3		138	E16.TCP.AQ19*			
10289	XA536	06					168	9					C521TA	02	C521CO	01	3	TS8	A1		03A				
10290	XA537	23		XA535	06		168	9					C521U0	01	C521RA	01	1	TQ2	B4		11B				
10291	XA535	06					168	9					C521U0	02	C521U0	00	1	TQ2	A1		05A				
10294	XA547	18		XA541	15		168	9					C522CA	01	CMM890	01	5	TS8	B1		10A				
10295	XA541	15					168	9					C522CA	02	C522CA	00	1	TQ2	A4		07B	BYN DB003IMD0031			
10296	XA541	13		XA536	23		168	9					C522CO	01	C522CA	01	2	TQ2	A4		06B				
10297	XA536	23					168	9					C522CO	02	C522CO	00	1	TS8	B1		11B	(INSTR EXE)/F1/F3			
10298	XA536	19		XA534	01		168	9					C522DA	01	C522CO	01	7	TS8	B1		098				
10299	XA534	01					168	9					C522DA	02	C522DA	00	1	TQ2	A2		028				
10300	XA538	23		XA534	04		168	9					C522E0	01	C522E0	00	1	TD4	B1		11B				
10301	XA534	04					168	9					C522E0	02	C522DA	01	1	TQ2	A2		04A				
10302	XA540	04		XA538	26		168	9					C522FA	01	C522FA	00	1	TT3	A1		04A	(CLU/CLL/LDU/LOL)			
10303	XA538	26					168	9					C522FA	02	C522E0	01	1	TD4	B1		14A				
10304	XA538	25		XA534	09		168	9					C522GA	01	C522E0	01	4	TD4	B1		128				
10305	XA534	09					168	9					C522GA	02	C522GA	00	1	TQ2	A3		048	(SDU/SDL/TSI).MAG			
10306	XA535	01		XA534	07		168	9					C522H0	01	C522H0	00	1	TQ2	A2		028	SDU/SDL/TSI			
10307	XA534	07					168	9					C522H0	02	C522GA	01	2	TQ2	A3		03A				
10308	XA538	24		XA534	15		168	9					C522JA	01	C522E0	01	2	TD4	B1		13A				
10309	XA534	15					168	9					C522JA	02	C522JA	00	1	TQ2	A4		07B				
10310	XA535	09		XA534	11		168	9					C522K0	01	C522K0	00	1	TQ2	A3		048	SDF/MZF			
10311	XA534	11					168	9					C522K0	02	C522JA	01	1	TQ2	A4		058				
10312	XA538	22		XA535	15		168	9					C522LA	01	C522E0	01	3	TD4	B1		12A				
10313	XA535	15					168	9					C522LA	02	C522LA	00	1	TQ2	A4		07B	HLT.(MOD0/MAGR)			
10314	XA535	13		XA534	22		168	9					C522M0	01	C522LA	01	2	TQ2	A4		068				
10315	XA534	22					168	9					C522M0	02	C522M0	00	1	TQ2	B1		12A	MOD0/MAGR			
10316	XA536	26		XA535	22		168	9					C522NA	01	C522CO	01	1	TS8	B1		14A				
10317	XA535	22					168	9					C522NA	02	C522NA	00	1	TQ2	B1		12A	E2.(INSTR COND)			
10318	XA536	35		XA535	24		168	9					C522P0	01	C522P0	00	1	TS8	C1		17B	RAF/RSF/RIF/REF/R			
10319	XA535	24					168	9					C522P0	02	C522NA	01	2	TQ2	B1		13A				
													***	SIGNAL	C522QA	IS ON THE NEXT PAGE ***									

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DRAWING NUMBER		149011-800										STRING		UNIT ASSEMBLY NO		149011		REV D		INDEX		C522QA			
UNIT ASSEMBLY NAME		CARD CAGE ASSY,CPU R.H.										FILE IDENT		T39B2CP2		DATE		09-03-82		PAGE		229			
RECORD NUMBER	FROM				TO				WIRE				SIGNAL	SEQ NO	EQUATION	TERM	FAC	CXT OR CHIP TYPE	GROUP	LOAD OR POWER PLANE	TEST POINTS AND OR	SIGNAL DESCRIPTION	ECO NO		
	PREFIX	CONNECTOR	PIN	WIRE NO	PREFIX	CONNECTOR	PIN	WIRE NO	MULTI GROUP	CODE	COLOR	IDENT												WIRE NO	
10320		XA536	37			XA534	14						C522QA	01	C522P0	01	8	TS8	C1		188				
10321		XA534	14										C522QA	02	C522QA	00	1	TQ2	B2		09A	TQR.MAGR			
10322		XA536	22			XA534	21						C522RA	01	C522C0	01	3	TS8	B1		12A				
10323		XA534	21										C522RA	02	C522RA	00	1	TQ2	B3		10B	E4.SSF			
10324		XA536	25			XA535	14						C522SA	01	C522C0	01	8	TS8	B1		12B				
10325		XA535	14										C522SA	02	C522SA	00	1	TQ2	B2		09A	E6.RQF			
10326		XA534	78			XA536	24						C522TA	01	C507KA	01	2	TQ2	F4		38A				
10327		XA536	24			XA535	21						C522TA	02	C522C0	01	2	TS8	B1		13A				
10328		XA535	21										C522TA	03	C522TA	00	1	TQ2	B3		10B	E1.MASP,(CL=SPEC			
10331		XA122	80			XA437	54						C522U0	01	C522U0	00	1	TT3	F3		39A	CL=SPECIAL ADDRES			
10332		XA437	54			XA535	19						C522U0	02	C457SA	01	2	TQ4	D1		29A				
10333		XA535	19										C522U0	03	C522TA	01	2	TQ2	B3		09B				
10334		XA122	78			XA425	01						C522VA	01	C522U0	01	3	TT3	F3		38A				
10335		XA425	01										C522VA	02	C522VA	00	1	TQ2	A2		02B	MASP.XEXN			
10338		XA535	80			XA534	20						C522W0	01	C522W0	00	1	TQ2	F4		39A				
10339		XA534	20										C522W0	02	C522QA	01	1	TQ2	B2		11A				
10340		XA548	77			XA547	08						C523CA	01	CMM690	01	2	TS8	F1		38B				
10341		XA547	08			XA534	27						C523CA	02	CMM790	01	2	TS8	A1		06A				
10342		XA534	27										C523CA	03	C523CA	00	1	TQ2	B4		13B	BTR DB2431M00815			
10343		XA535	27			XA534	25						C523C0	01	C523C0	00	1	TQ2	B4		13B				
10344		XA534	25										C523C0	02	C523CA	01	2	TQ2	B4		12B				
10345		XA540	07			XA535	23						C523DA	01	C523DA	00	1	TT3	A2		03A	E2.(SDL/MIL).MA15			
10346		XA535	23										C523DA	02	C523C0	01	1	TQ2	B4		11B				
10347		XA540	01			XA538	46						C523E0	01	C523DA	01	2	TT3	A2		02B				
10348		XA538	46			XA535	38						C523E0	02	C526DA	01	3	TQ4	D2		21A				
10349		XA535	38										C523E0	03	C523E0	00	1	TQ2	C1		18A	SDL/MIL			
10350		XA535	25			XA534	38						C523FA	01	C523C0	01	2	TQ2	B4		12B				
10351		XA534	38			XA537	65						C523FA	02	C523FA	00	1	TQ2	C1		18A	E4.L0D			
10352		XA537	65										C523FA	03	C529C0	01	1	TQ2	F3		34B				
18693		XA501	47			XA503	45						C523F0	01	PL088A	01	1	TQ2	D4		25B				
20757		XA503	45			XA505	23						C523F0	02	C523F0	00	1	TQ2	D3		24B				
15775		XA505	23										C523F0	03	PL099A	01	1	TQ2	B4		11B				
10353		XA548	75			XA547	24						C524DA	01	CMM690	01	3	TS8	F1		37B				
10354		XA547	24			XA540	15						C524DA	02	CMM890	01	2	TS8	B1		13A				
10355		XA540	15										C524DA	03	C524DA	00	1	TT3	A3		07B	BTR DB2431M01623			
10356		XA540	11			XA535	30						C524E0	01	C524DA	01	2	TT3	A3		05B				
													****	SIGNAL	C524E0	S ON THE			NEXT PAGE	****					

DRAWING NUMBER		149011-800		STRING		UNIT ASSEMBLY NO		149011		REV D		INDEX		C524E0						
UNIT ASSEMBLY NAME		CARD CAGE ASSY,CPU R.H.		FILE IDENT		T39B2CP2		DATE		09-03-82		PAGE		230						
RECORD NUMBER	FROM			TO			WIRE			SIGNAL	SEQ NO	EQUATION	2	8	PKT 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											
10357		XA535	30							168	9							15A	S007MIU	
20756		XA410	39		XA503	41				168	9							19B		
18695		XA503	41		XA527	79				168	9							22B		
18646		XA527	79							168	9							39B		
10358		XA547	07		XA534	30				168	9							03A		
10359		XA534	30							168	9							15A	8TR DB1631MD1631	
21017		XA528	09		XA534	36				168	9							04B		
10361		XA534	36							168	9							17A		
18719		XA528	01		XA534	33				168	9							02B		
10363		XA534	33							168	9							16B	(INSTR).MA15	
10364		XA538	35		XA528	05				168	9							17B	E4.TQR.PT03	
18704		XA528	05							168	9							03B		
09965		XA543	21		XA528	04				168	9							10B	E12.(TXP/TCP/TIE) 803	
18710		XA528	04							168	9							04A		
10368		XA538	47		XA528	07				168	9							25B	E16.TCP.AQ19	
18697		XA528	07							168	9							03A		
10370		XA548	79		XA538	45				168	9							39B		
10371		XA538	45							168	9							24B	E2.(SDL/MIL).MA15	
10372		XA548	48		XA548	42				168	9							22A		
10373		XA548	42		XA535	33				168	9							20A		
10374		XA535	33							168	9							16B	INH MB0215YA0619	
10375		XA535	31		XA536	59				168	9							15B		
10376		XA536	59		XA534	77				168	9							31B	L0F7/L0H/SHH/SDF/S	
10377		XA534	77							168	9							38B		
10378		XA548	49		XA534	39				168	9							26B		
10379		XA534	39							168	9							19B	E3.TMBA/TXP/TCP/T	
10380		XA535	39		XA534	35				168	9							19B	MBA/TXP/TCP/TIE/L	
10381		XA534	35							168	9							17B		
10382		XA548	56		XA534	52				168	9							26A		
10383		XA534	52		XA542	70				168	9							24A	E6.(TXP/TCP/TIE) 803	
18300		XA542	70							168	9							33A		803
10384		XA548	54		XA535	52				168	9							25A		
10385		XA535	52							168	9							24A	E14.TCP	
10386		XA548	52		XA538	76				168	9							24A		
10387		XA538	76							168	9							37A	L102/L202/L302/L4	

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DRAWING NUMBER		149011-800										STRING		UNIT ASSEMBLY NO		149011		REV D		INDEX		C527KA						
UNIT ASSEMBLY NAME		CARD CAGE ASSY, CPU R.H.										FILE IDENT		T39B2CP2		DATE		09-03-82		PAGE		231						
RECORD NUMBER	FROM			TO			WIRE			MULTI GROUP	CODE	COL IN	IDENT	SPEC INST	SIGNAL	SEQ NO	EQUATION	Z	E	FACT	CKT OR CHIP TYPE	PROP	LOAD OR POWER PLANE	TEST POINTS		SIGNAL DESCRIPTION	ECO NO	
	PREFIX	CONNECTOR	PIN	PREFIX	CONNECTOR	PIN	WIRE	AND	OR																			
10388		XA548	40		XA534	46								C528DA	01	CMM390	01	2	TS8	C1			19A		DTR PL0207YA2025			
10389		XA534	46											C528DA	02	C528DA	03	1	TQ2	D2			21A					
10390		XA535	46		XA534	50								C528E0	01	C528E0	00	1	TQ2	D2			21A		TCP/TIE/LOD			
10391		XA534	50											C528E0	02	C528DA	01	1	TQ2	D2			23A					
10392		XA541	06		XA546	01								C529CA	01	C529CA	00	1	TQ2	A1			05A					
10393		XA546	01											C529CA	02	CMN090	01	3	TD4	A2			02B					
10394		XA541	10		XA537	69								C529C0	01	C529CA	01	1	TQ2	A1			07A					
10395		XA537	69											C529C0	02	C529C0	00	1	TQ2	F3			35A					
10396		XA530	07		XA537	74								C529DA	01	C529DA	00	1	TT3	A2			03A					
10397		XA537	74											C529DA	02	C529C0	01	2	TQ2	F3			35B					
10398		XA409	38		XA302	01								C601CA	01	CMQ190	01	3	TD4	C1			18A					
10399		XA302	01											C601CA	02	C601CA	00	1	TQ2	A2			02B		RST PT02			
10400		XA310	15		XA302	04								C601C0	01	C601C0	00	1	TT3	A3			07B		E1.TQR/L300/L306.			
10401		XA302	04											C601C0	02	C601CA	01	1	TQ2	A2			04A					
10402		XA401	17		XA302	09								C601DA	01	C603C0	01	3	TT3	B2			08B					
10403		XA302	09		XA310	09								C601DA	02	C601DA	00	1	TQ2	A3			04B		E1.TQR			
10404		XA310	09											C601DA	03	C601C0	01	1	TT3	A3			04B					
10405		XA310	11		XA302	15								C601FA	01	C601C0	01	2	TT3	A3			05B					
10406		XA302	15											C601FA	02	C601FA	00	1	TQ2	A4			07B		L306.CK04.CK05.			
10407		XA305	40		XA305	36								C601GA	01	C601G0	01	2	TQ2	C1			19A					
10408		XA305	36		XA302	22								C601GA	02	C602CA	01	1	TQ2	C2			17A					
10409		XA302	22											C601GA	03	C601GA	00	1	TQ2	B1			12A		CK04.CK05			
10410		XA305	38		XA302	11								C601G0	01	C601G0	00	1	TQ2	C1			18A					
10411		XA302	11											C601G0	02	C601FA	01	1	TQ2	A4			05B					
10412		XA407	77		XA409	37								C602CA	01	CMQ290	01	2	TD4	F1			38B					
10413		XA409	37		XA305	30								C602CA	02	CMQ190	01	4	TD4	C1			18B					
10414		XA305	30											C602CA	03	C602CA	00	1	TQ2	C2			15A		SET PT02			
10415		XA409	40		XA302	14								C603CA	01	CMQ190	01	2	TD4	C1			19A					
10416		XA302	14											C603CA	02	C603CA	00	1	TQ2	B2			09A		RST PT03			
10417		XA401	19		XA302	20								C603C0	01	C603C0	00	1	TT3	B2			09B		E1.TQR/L300/L306.			
10418		XA302	20											C603C0	02	C603CA	01	1	TQ2	B2			11A					
10419		XA401	18		XA302	21								C603FA	01	C603C0	01	1	TT3	B2			10A					
10420		XA302	21											C603FA	02	C603FA	00	1	TQ2	B3			10B		L306.CK04.CK05*.			
															**** SIGNAL C603GA IS ON THE NEXT PAGE ****													

DRAWING NUMBER 149011-800
 UNIT ASSEMBLY NAME CARD CAGE ASSY, CPU R.H.

STRING

UNIT ASSEMBLY NO 149011
 FILE IDENT T3982CP2

REV D
 DATE 09-03-82
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RFCORD NUMB-R	FROM			TO			MULTI GROUP	CODE	COLR	IDENT	SIGNAL	SIGNAL NO	EQUATION	T 2	F A	C A T O R C O D E T Y P E	G R O U P	LOAD OR POWER PLANE	TEST POINTS AND/OR FUNCTION	SIGNAL DESCRIPTION	ECO NO
	PREFIX	CONNECTOR	PIN	PREFIX	CONNECTOR	PIN															
10421		XA305	19		XA305	29		168	9		C603GA	01	C604DA	01	2	TQ2	B3		09B		
10422		XA305	29		XA302	27		168	9		C603GA	02	C603G0	01	1	TQ2	C3		14B		
10423		XA302	27					168	9		C603GA	03	C603GA	00	1	TQ2	B4		13B	CK04,CK05*	
10424		XA305	33		XA302	19		168	9		C603G0	01	C603G0	00	1	TQ2	C3		16B		
10425		XA302	19					168	9		C603G0	02	C603FA	01	2	TQ2	B3		09B		
10426		XA407	71		XA409	42		168	9		C604CA	01	CMQ390	01	2	TD4	F2		36A		
10427		XA409	42		XA302	38		168	9		C604CA	02	CMQ190	01	1	TD4	C1		20A		
10428		XA302	38					168	9		C604CA	03	C604CA	00	1	TQ2	C1		18A	SET PT03	
10429		XA302	42		XA415	80		168	9		C604C0	01	C604CA	01	1	TQ2	C1		20A		
10430		XA415	80					168	9		C604C0	02	C604C0	00	1	TQ2	F4		39A		
10431		XA305	21		XA415	76		168	9		C604DA	01	C604DA	00	1	TQ2	B3		10B	ENABLE CL CLK UNQ	
10432		XA415	76					168	9		C604DA	02	C604C0	01	1	TQ2	F4		37A	L306.(CK04,CK05*)*	
10433		XA409	66		XA302	30		168	9		C605CA	01	CMP690	01	3	TD4	E1		31A		
10434		XA302	30					168	9		C605CA	02	C605CA	00	1	TQ2	C2		15A	BLO PQ001508J315	
10435		XA401	20		XA302	36		168	9		C605C0	01	C605C0	00	1	TY3	B1		11A		
10436		XA302	36					168	9		C605C0	02	C605CA	01	1	TQ2	C2		17A		
10437		XA401	24		XA310	19		168	9		C605DA	01	C605C0	01	2	TT3	B1		13A		
10438		XA310	19					168	9		C605DA	02	C605DA	00	1	TY3	B2		09B	E1.(LDF/EXF).MAQR	
10439		XA310	14		XA306	15		168	9		C605E0	01	C605DA	01	2	TY3	B2		09A		
10440		XA306	15					168	9		C605E0	02	C605E0	00	1	TQ2	A4		07B	LDF/EXF	
10441		XA409	71		XA302	33		168	9		C606CA	01	CMP590	01	2	TD4	F2		36A		
10442		XA302	33					168	9		C606CA	02	C606CA	00	1	TQ2	C3		16B	BLO PQ0015081631	
10443		XA305	39		XA302	31		168	9		C606C0	01	C606C0	00	1	TQ2	C4		19B		
10444		XA302	31					168	9		C606C0	02	C606CA	01	2	TQ2	C3		15B		
10445		XA307	76		XA305	35		168	9		C606DA	01	C606DA	00	1	TD4	F1		37A	E1.(INSTR).MAQR.M	
10446		XA305	35					168	9		C606DA	02	C606C0	01	1	TQ2	C4		17B		
10447		XA401	07		XA307	78		168	9		C606E0	01	C606E0	00	1	TY3	A2		03A	SBY/RBY/LDH/YSZ/T	
10448		XA307	78					168	9		C606E0	02	C606DA	01	4	TD4	F1		38A		
10449		XA401	27		XA305	37		168	9		C606FA	01	C606FA	00	1	TT3	B3		13B	E1.(MIU/MIL).MAQR	
10450		XA305	37					168	9		C606FA	02	C606C0	01	2	TQ2	C4		18B		
10451		XA409	46		XA302	39		168	9		C607CA	01	CMP990	01	3	TD4	D2		21A		
10452		XA302	39					168	9		C607CA	02	C607CA	00	1	TQ2	C4		19B	BLO PT0207081823	
10453		XA310	27		XA302	35		168	9		C607C0	01	C607C0	00	1	TT3	B3		13B		
10454		XA302	35					168	9		C607C0	02	C607CA	01	1	TQ2	C4		17B		
											****	SIGNAL	C607DA							IS ON THE NEXT PAGE	****

DRAWING NUMBER 149011-800
UNIT ASSEMBLY NAME CARD CAGE ASSY,CPU R.H.

STRING

UNIT ASSEMBLY NO 149011
FILE IDENT T39B2CP2

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RECORD NUMBER	FROM				TO				WIRE	SIGNAL	SEQ NO	EQUATION	3 TERM	FACTOR	CHK OR CHIP TYPE	GROUP	LOAD CP POWER PLANE	TEST POINTS AND/OR	SIGNAL DESCRIPTION	ECO NO	
	PREFIX	CONNECTOR	PIN	WIRE	PREFIX	CONNECTOR	PIN	WIRE													
10455		XA409	01		XA307	59		168 9	C607DA	01	C610C0	01	3	T04	A2		02B	E1.(INSTR).MAQR.M			
10456		XA307	55		XA310	21		168 9	C607DA	02	C607DA	00	1	T04	E1		31B				
10457		XA310	21					168 9	C607DA	03	C607C0	01	1	TY3	B3		10B				
10458		XA307	68		XA306	63		168 9	C607E0	01	C607DA	01	2	T04	E1		32A	LDH/TSZ/TSO			
10459		XA306	63					168 9	C607E0	02	C607E0	00	1	TQ2	E4		33B				
10460		XA401	15		XA409	07		168 9	C607FA	01	C607FA	00	1	TT3	A3		07B	E1.(LDF/EXF).MAQR			
10461		XA409	07		XA310	23		168 9	C607FA	02	C610C0	01	4	T04	A2		09A				
10462		XA310	23					168 9	C607FA	03	C607C0	01	2	TT3	B3		11B				
10463		XA402	01		XA401	11		168 9	C607G0	01	C607G0	00	1	TQ2	A2		02B	LDF/EXF			
10464		XA401	11					168 9	C607G0	02	C607FA	01	2	TT3	A3		05B				
10465		XA409	49		XA302	52		168 9	C608CA	01	CMP890	01	4	T04	D1		26B				
10466		XA302	52					168 9	C608CA	02	C608CA	00	1	TQ2	D1		24A				
10467		XA401	36		XA302	56		168 9	C608C0	01	C608C0	00	1	TT3	C1		17A				
10468		XA302	56					168 9	C608C0	02	C608CA	01	1	TQ2	D1		26A				
10469		XA401	38		XA302	46		168 9	C608DA	01	C608C0	01	3	TT3	C1		18A	E5.(TXP/TCP/TIE)			
10470		XA302	46					168 9	C608DA	02	C608DA	00	1	TQ2	D2		21A				
10471		XA543	73		XA306	76		168 9	C608EA	01	C510U0	01	1	TQ2	F2		36B				
10472		XA306	76		XA306	74		168 9	C608EA	02	C612U0	01	1	TQ2	F4		37A				
10473		XA306	74		XA302	45		168 9	C608EA	03	C612R0	01	2	TQ2	F3		35B				
10474		XA302	45					168 9	C608EA	04	C608EA	00	1	TQ2	D3		24B				
10479		XA543	19		XA543	35		168 9	C608E0	01	C525FA	01	2	TQ2	B3		09B		B03		
10480		XA543	35		XA545	42		168 9	C608E0	02	C507DA	01	1	TQ2	C4		17B				
10481		XA545	42		XA541	71		168 9	C608E0	03	C520FA	01	1	TQ2	C1		20A		B03		
10482		XA541	71		XA538	36		168 9	C608E0	04	C512TA	01	2	TQ2	F2		36A				
10483		XA538	36		XA534	54		168 9	C608E0	05	C505NA	01	1	T04	C2		17A		B03		
10484		XA534	54		XA406	05		168 9	C608E0	06	C527HA	01	2	TQ2	D1		25A				
10485		XA406	05		XA302	68		168 9	C608E0	07	C610GA	01	2	TQ2	A2		03B	TXP/TCP/TIE			
10485		XA302	68		XA305	51		168 9	C608E0	08	C609DA	01	2	TQ2	E1		32A				
10486		XA305	51		XA302	48		168 9	C608E0	09	C608E0	00	1	TQ2	D4		27B				
10487		XA302	48		XA302	43		168 9	C608E0	10	C608DA	01	2	TQ2	D2		22A				
10488		XA302	43					168 9	C608E0	11	C608EA	01	2	TQ2	D3		23B				
10489		XA401	40		XA302	51		168 9	C608FA	01	C608C0	01	2	TT3	C1		19A		E13.TCP		
10490		XA302	51					168 9	C608FA	02	C608FA	00	1	TQ2	D4		27B				
10491		XA409	72		XA409	70		168 9	C609DA	01	CMP590	01	3	T04	F2		34A		8LO PT0010B2425		
10492		XA409	70		XA302	66		168 9	C609DA	02	CMP690	01	1	T04	E1		33A				
10493		XA302	66					168 9	C609DA	03	C609DA	00	1	TQ2	E1		31A				
10494		XA407	72		XA406	06		168 9	C610CA	01	CMQ390	01	3	T04	F2		34A		8LO PL02070B2631		
10495		XA406	06					168 9	C610CA	02	C610CA	00	1	TQ2	A1		05A				
										**** SIGNAL C610C0 IS ON THE NEXT PAGE ****											

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

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UNIT ASSEMBLY NO 149011
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RECORD NUMBER	FROM				TO				WIRE				SIGNAL	SEQ NO	EQUATION	3 TER	E FACT	CMT OR CHIP TYPE	PROP	LOAD OR POWER PLANE	TEST POINTS		SIGNAL DESCRIPTION	ECO NO
	PREFIX	CONNECTOR	PIN	WIRE NO	PREFIX	CONNECTOR	PIN	WIRE NO	MULTI GROUP	CODE	COLOR	IDENT									AND OR	AND OR		
10496		XA409	09		XA406	08				168	9		C610C0	01	C610C0	00	1	TD4	A2		04B			
10497		XA406	08							168	9		C610C0	02	C610CA	01	2	TQ2	A1		06A			
10498		XA409	05		XA406	01				168	9		C610GA	01	C610C0	01	2	TD4	A2		03B			
10499		XA406	01							168	9		C610GA	02	C610GA	00	1	TQ2	A2		02B	E10.(TXP/TIE)		
10500		XA409	52		XA409	43				168	9		C611CA	01	CMP890	01	3	TD4	D1		24A			
10501		XA409	43		XA305	66				168	9		C611CA	02	CMP990	01	4	TD4	D2		23B			
10502		XA305	66							168	9		C611CA	03	C611CA	00	1	TQ2	E1		31A	BLO PY0207DB2631		
10503		XA307	57		XA305	68				168	9		C611C0	01	C611C0	00	1	TD4	E2		30B			
10504		XA305	68							168	9		C611C0	02	C611CA	01	2	TQ2	E1		32A			
10505		XA307	62		XA305	60				168	9		C611DA	01	C611C0	01	2	TD4	E2		29A			
10506		XA305	60							168	9		C611DA	02	C611DA	00	1	TQ2	E2		28A	E3.TQR		
10507		XA307	60		XA305	57				168	9		C611EA	01	C611C0	01	3	TD4	E2		28A			
10508		XA305	57							168	9		C611EA	02	C611EA	00	1	TQ2	E3		30B	E6.TQR		
10511		XA410	03		XA302	06				168	9		C612AA	01	CMP190	01	1	TQ2	A3		02A			
10512		XA302	06							168	9		C612AA	02	C612AA	00	1	TQ2	A1		05A	SET PQ00 EXIT UNL		
10513		XA304	11		XA302	08				168	9		C612C0	01	C612C0	00	1	YS8	A1		05B	(INS EXE COND)/FO		
10514		XA302	08							168	9		C612C0	02	C612AA	01	2	TQ2	A1		06A			
10515		XA307	21		XA304	01				168	9		C612DA	01	C612DA	00	1	TD4	B2		10B	E1.(INSTR).MOD0*		
10516		XA304	01							168	9		C612DA	02	C612C0	01	6	YS8	A1		02B			
10517		XA307	19		XA301	23				168	9		C612E0	01	C612DA	01	4	TD4	B2		09B			
10518		XA301	23							168	9		C612E0	02	C612E0	00	1	YS8	B1		11B			
10519		XA401	31		XA301	18				168	9		C612FA	01	C612FA	00	1	TT3	C2		15B	ROW3.(RQF/TQR/SBT		
10520		XA301	18							168	9		C612FA	02	C612E0	01	5	YS8	B1		10A			
10521		XA302	60		XA301	24				168	9		C612GA	01	C612GA	00	1	TQ2	E2		28A			
10522		XA301	24							168	9		C612GA	02	C612E0	01	2	YS8	B1		13A			
10523		XA302	62		XA301	35				168	9		C612G0	01	C612GA	01	2	TQ2	E2		29A			
10524		XA301	35							168	9		C612G0	02	C612G0	00	1	YS8	C1		17B	L00/L0L/LA/LC/LMH		
10525		XA305	45		XA301	22				168	9		C612HA	01	C612HA	00	1	TQ2	D3		24B			
10526		XA301	22							168	9		C612HA	02	C612E0	01	3	YS8	B1		12A			
10527		XA307	47		XA305	43				168	9		C612HO	01	C612HO	00	1	TD4	D1		25B	DEV/DEX/ITR/OFRT		
10528		XA305	43							168	9		C612HO	02	C612HA	01	2	TQ2	D3		23B			
10529		XA542	36		XA535	04				168	9		C612JA	01	C507G0	01	4	YS8	C1		17A			
10530		XA535	04		XA404	54				168	9		C612JA	02	C522H0	01	1	TQ2	A2		04A			
10531		XA404	54		XA302	57				168	9		C612JA	03	C614E0	01	2	YS8	D1		25A			
10532		XA302	57		XA301	25				168	9		C612JA	04	C612JA	00	1	TQ2	E3		30B	(X INSTRS).(MODI/		
										****	SIGNAL	C612JA			IS ON THE									

DRAWING NUMBER UNIT ASSEMBLY NAME		149011-800 CARD CAGE ASSY, CPU R.H.		STRING		UNIT ASSEMBLY NO. FILE IDENT		149011 T3982CP2		REV D DATE		INDEX PAGE		C612JA 235									
RECORD NUMBER	FROM			TO			WIRE			SPEC. INTR. WIRE	SIGNAL	SEQ NO	EQUATION	Z	E	CKT OR CHIP TYPE	GROUP	LOAD OR POWER PLANE	TEST POINTS AND OR	SIGNAL DESCRIPTION	ECO NO		
	PREFIX	CONNECTOR	PIN	PREFIX	CONNECTOR	PIN	MULTI-REP.	CODE	COLOR													IDENT	TEST POINTS AND OR
10533		XA301	25		XA547	60					C612JA	05	C612E0	01	8	TS8	B1		128				
10534		XA547	60								C612JA	06	CQM2D0	01	6	TS8	E1		28A				
10539		XA544	45		XA302	63					C612KA	01	C512N0	01	1	TT3	D3		248				
10540		XA302	63		XA304	60					C612KA	02	C612KA	00	1	TQ2	E4		338				
10541		XA304	60								C612KA	03	CQP060	01	6	TS8	E1		28A				
10546		XA540	22		XA302	59					C612K0	01	C521NA	01	3	TT3	B1		12A				
10547		XA302	59		XA302	55					C612K0	02	C612KA	01	1	TQ2	E4		318				
10548		XA302	55		XA301	47					C612K0	03	C612JA	01	2	TQ2	E3		298				
10549		XA301	47								C612K0	04	C612K0	00	1	TS8	D1		298			X INSTRS	
10550		XA304	13		XA301	59					C612LA	01	C612C0	01	8	TS8	A1		068				
10551		XA301	59								C612LA	02	C612LA	00	1	TS8	E1		318			INSTR. MOD0*. MAGR*	
10552		XA304	76		XA301	66					C612M0	01	C612M0	00	1	TS8	F1		37A			SBT/RBT/LDF/LDH/S	
10553		XA301	66								C612M0	02	C612LA	01	3	TS8	E1		31A				
10554		XA401	35		XA304	04					C612NA	01	C612NA	00	1	TY3	C3		198			E1.TQR(MASP*/MAQT	
10555		XA304	04								C612NA	02	C612C0	01	4	TS8	A1		04A				
10556		XA402	09		XA401	33					C612P0	01	C612P0	00	1	TQ2	A3		048			MASP*/MAQT	
10557		XA401	33								C612P0	02	C612NA	01	1	TY3	C3		168				
10558		XA304	05		XA302	75					C612QA	01	C612C0	01	5	TS8	A1		038				
10559		XA302	75								C612QA	02	C612QA	00	1	TQ2	F1		378			E4.(TXP/TCP/TIE/L	
10560		XA535	77		XA541	36					C612RA	01	CQM0F0	01	2	TQ2	F1		368				
10561		XA541	36		XA535	35					C612RA	02	C518G0	01	1	TQ2	C2		17A				
10562		XA535	35		XA302	72					C612RA	03	C527G0	01	1	TQ2	C4		178				
10563		XA302	72								C612RA	04	C612RA	00	1	TQ2	F2		34A				
10566		XA306	69		XA302	73					C612R0	01	C612R0	00	1	TQ2	F3		35A			(TXP/TCP/TIE/LOO)	
10567		XA302	73		XA302	77					C612R0	02	C612RA	01	1	TQ2	F2		368				
10568		XA302	77								C612R0	03	C612QA	01	2	TQ2	F1		388				
10569		XA304	08		XA302	69					C612SA	01	C612C0	01	2	TS8	A1		06A				
10570		XA302	69								C612SA	02	C612SA	00	1	TQ2	F3		35A			E7.(TXP/TCP/TIE)	
10571		XA304	10		XA302	80					C612TA	01	C612C0	01	1	TS8	A1		07A				
10572		XA302	80								C612TA	02	C612TA	00	1	TQ2	F4		39A			E15.TCP	
10575		XA402	79		XA402	74					C612U0	01	C623DA	01	1	TQ2	F1		398				
10576		XA402	74		XA306	80					C612U0	02	C625DA	01	2	TQ2	F3		358				
10577		XA306	80		XA302	65					C612U0	03	C612U0	00	1	TQ2	F4		39A			TXP/TCP/TIE/- OPC	
10578		XA302	65		XA537	43					C612U0	04	C612SA	01	1	TQ2	F3		348				
10579		XA537	43		XA540	42					C612U0	05	C518HA	01	2	TQ2	D3		238				
10580		XA540	42								C612U0	06	C506HA	01	1	TT3	C1		20A			803	
10581		XA407	60		XA402	15					C613AA	01	CMP390	01	3	TD4	E2		28A				
											***	SIGNAL	C613AA										IS ON THE NEXT PAGE ***

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DRAWING NUMBER 149011-800
 UNIT ASSEMBLY NAME CARD CAGE ASSY,CPU R.H.

STRING

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RECORD NUMBER	FROM			TO			WIRE			SIGNAL	SEQ NO	EQUATION	TERM FACTOR	CMT OR CHIP TYPE	GROUP	LOAD OR POWER PLANE	TEST POINTS AND/OR	SIGNAL DESCRIPTION	ECO NO
	PREFIX	CONNECTOR	PIN	PREFIX	CONNECTOR	PIN	MULTI GROUP	CODE	COLOR										
10582		XA402	15						16B	9				TQ2	A4		37B	SET PQ01 EXIT UNL	
10583		XA406	09		XA402	13			16B	9				TQ2	A3		34B	LEV CHG STATES LI	
10584		XA402	13						16B	9				TQ2	A4		06B		
10585		XA406	03		XA401	43			16B	9				TQ2	A3		02A		
10586		XA401	43						16B	9				TT3	D2		23B	STATE35.TLL/2/373	
10587		XA407	68		XA402	06			16B	9				TD4	E1		32A		
10588		XA402	06						16B	9				TQ2	A1		05A	SET PQ03-MEM VID	
10589		XA402	08		XA401	04			16B	9				TQ2	A1		06A		
10590		XA401	04						16B	9				TT3	A1		04A	(INSTR E017F017F0	
10591		XA401	08		XA307	69			16B	9				TT3	A1		06A		
10592		XA307	69						16B	9				TD4	F2		35A	EO.(INSTR).MOD0*	
10593		XA404	47		XA407	13			16B	9				TS8	D1		25B	ROW1/2/3/14F/12J/	
10594		XA407	13		XA307	73			16B	9				TD4	A1		06B		
10595		XA307	73						16B	9				TD4	F2		36B		
10596		XA406	46		XA404	50			16B	9				TQ2	D2		21A	14F	
10597		XA404	50						16B	9				TS8	D1		23A		
10598		XA406	50		XA401	51			16B	9				TQ2	D2		23A		
10599		XA401	51						16B	9				TT3	D3		27B	MI/EX/SSF/MTH	
10600		XA406	45		XA404	52			16B	9				TQ2	D3		24B	14G	
10601		XA404	52						16B	9				TS8	D1		24A		
10602		XA404	59		XA406	41			16B	9				TS8	E1		31B	DEV/DEX/1YR/0PR7H	
10603		XA406	41		XA305	74			16B	9				TQ2	D3		22B		
10604		XA305	74						16B	9				TQ2	F3		35B		
10605		XA406	51		XA401	10			16B	9				TQ2	D4		27B	F3.MOD3	
10606		XA401	10						16B	9				TT3	A1		07A		
10607		XA406	27		XA407	70			16B	9				TQ2	B4		13B		
10608		XA407	70						16B	9				TD4	E1		33A		
10609		XA407	66		XA407	64			16B	9				TD4	E1		31A		
10610		XA407	64		XA308	80			16B	9				TD4	E2		30A		
20918		XA308	80						16B	9				TQ2	F4		39A		
03595		XA406	22		XA308	78			16B	9				TQ2	B1		12A		
18653		XA308	78						16B	9				TQ2	F4		38A		
10611		XA401	50		XA406	24			16B	9				TT3	D1		23A	SET PQ05-SPEC VID	
21190		XA406	24						16B	9				TQ2	B1		13A		
									****	SIGNAL	C615EA							IS ON THE NEXT PAGE	****

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DRAWING NUMBER 149011-800
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RECORD NUMBER	FROM				TO				WIRE				SIGNAL	SEQ NO	EQUATION	TR	B FACT	CKT OR CHIP TYPE	PROP	LOAD OR POWER PLANE	TEST POINTS AND/OR	SIGNAL DESCRIPTION	ECO NO
	PREFIX	CONNECTOR	PIN	C	PREFIX	CONNECTOR	PIN	C	MULTI GROUP	CODE	COLOR	IDENT											
10612		XA407	11							168	9		C615EA	01	C615EA	00	1	TD4	A1		09B		
10613		XA402	23		XA402	23				168	9		C615EA	02	C615E0	01	1	TQ2	B4		11B		
10614		XA401	56		XA402	27				168	9		C615E0	01	C615DA	01	1	TT3	D1		26A		
10615		XA402	27		XA305	78				168	9		C615E0	02	C615E0	00	1	TQ2	B4		13B		
10616		XA305	78							168	9		C615E0	03	CQPSTA	01	2	TQ2	F4		38A		
10617		XA409	75		XA409	74				168	9		C616CA	01	CMP490	01	3	TD4	F1		37B		
10618		XA409	74		XA402	14				168	9		C616CA	02	CMP590	01	4	TD4	F2		35B		
10619		XA402	14							168	9		C616CA	03	C616CA	00	1	TQ2	B2		09A	RST PQ16 LOCK	
10620		XA406	21		XA402	20				168	9		C616C0	01	C616C0	00	1	TQ2	B3		10B		
10621		XA402	20							168	9		C616C0	02	C616CA	01	1	TQ2	B2		11A		
10622		XA402	21		XA406	17				168	9		C616DA	01	C616DA	00	1	TQ2	B3		10B		
10623		XA406	17							168	9		C616DA	02	C616C0	01	1	TQ2	B3		08B		
10624		XA402	17		XA401	55				168	9		C616E0	01	C616DA	01	1	TQ2	B3		08B		
10625		XA401	55							168	9		C616E0	02	C616E0	00	1	TT3	E2		29B	DEX/TXP/TCP/TTE/L	
10626		XA406	19		XA401	63				168	9		C616FA	01	C616C0	01	2	TQ2	B3		09B		
10627		XA401	63							168	9		C616FA	02	C616FA	00	1	TT3	E3		33B	E4.TQR.ACZR	
10628		XA409	78		XA409	73				168	9		C617DA	01	CMP490	01	4	TD4	F1		38A		
10629		XA409	73		XA409	61				168	9		C617DA	02	CMP590	01	1	TD4	F2		36B		
10630		XA409	61		XA402	22				168	9		C617DA	03	CMP690	01	4	TD4	E1		32B		
10631		XA402	22							168	9		C617DA	04	C617DA	00	1	TQ2	B1		12A	SET PQ16 LOCK	
10632		XA402	24		XA401	64				168	9		C617E0	01	C617DA	01	2	TQ2	B1		13A		
10633		XA401	64							168	9		C617E0	02	C617E0	00	1	TT3	E1		30A	TXP/TIE/LLO	
10634		XA409	64		XA409	56				168	9		C618CA	01	CMP790	01	1	TD4	E2		30A		
10635		XA409	56		XA409	50				168	9		C618CA	02	CMP890	01	1	TD4	D1		26A		
10636		XA409	50		XA402	30				168	9		C618CA	03	CMP990	01	1	TD4	D2		23A		
10637		XA402	30							168	9		C618CA	04	C618CA	00	1	TQ2	C2		15A	DTR PB0003PT0407	
10638		XA402	36		XA401	80				168	9		C618C0	01	C618CA	01	1	TQ2	C2		17A		
10639		XA401	80							168	9		C618C0	02	C618C0	00	1	TT3	F3		39A	AUC TO PT0407	
10640		XA402	33		XA401	76				168	9		C618DA	01	C618DA	00	1	TQ2	C3		16B	E1.TQR	
10641		XA401	76							168	9		C618DA	02	C618C0	01	2	TT3	F3		37A		
10642		XA415	78		XA402	39				168	9		C618EA	01	C604C0	01	2	TQ2	F4		38A		
10643		XA402	39		XA401	78				168	9		C618EA	02	C618EA	00	1	TQ2	C4		19B	E2.TQR IF ACZR	
10644		XA401	78							168	9		C618EA	03	C618C0	01	3	TT3	F3		38A		
10645		XA407	78		XA402	51				168	9		C619DA	01	CNQ290	01	4	TD4	F1		38A		
10646		XA402	51							168	9		C619DA	02	C619DA	00	1	TQ2	D4		27B	LOA +2PL01,+3PL27	
10647		XA407	75		XA407	74				168	9		C620DA	01	CNQ290	01	3	TD4	F1		37B		
										****	SIGNAL		C620DA		S ON THE						NEXT PAGE	****	

DRAWING NUMBER 149011-800
 UNIT ASSEMBLY NAME CARD CAGE ASSY,CPU R.H.

STRING

UNIT ASSEMBLY NO. 149011
 FILE IDENT T3982CP2

REV D
 DATE 09-03-82

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RECORD NUMBER	FROM				TO				WIRE				SIGNAL	SEQ NO	EQUATION	J TERM	FACTS	CKT OR CHIP TYPE	GROUP	LOAD OR POWER PLANE	TEST POINTS AND OR	SIGNAL DESCRIPTION	ECO NO
	PREFIX	CONNECTOR	PIR	WIRE NO	PREFIX	CONNECTOR	PIR	WIRE NO	MULTY GROUP	CODE	COLOR	IDENT											
10648 10649	XA407 XA402	74 38			XA402 38				168 168	9 9			C620DA C620DA	02 03	CMQ390 C620DA	01 00	4 1	T04 TQ2	F2 C1	35B 18A	DTR PT0009PL0009		
10650 10651	XA409 XA402	77 45			XA402 45				168 168	9 9			C621CA C621CA	01 02	CMP490 C621CA	01 00	2 1	T04 TQ2	F1 D3	38B 24B	BTR DB0015PQ0015		
10652 10653	XA401 XA402	74 43			XA402 43				168 168	9 9			C621C0 C621C0	01 02	C621C0 C621C0	00 01	1 2	T13 TQ2	F2 D3	35B 23B			
10654 10655	XA407 XA401	09 71			XA401 71				168 168	9 9			C621DA C621DA	01 02	C621DA C621C0	00 01	1 1	T04 T13	A2 F2	04B 36A	E2.(INSTR,QUAL).M		
10656 10657	XA407 XA406	05 52			XA406 52				168 168	9 9			C621E0 C621E0	01 02	C621DA C621E0	01 00	2 1	T04 TQ2	A2 D1	03B 24A			
10658 10659 10660	XA402 XA406 XA415	46 56 53			XA406 56 XA415 53				168 168 168	9 9 9			C621FA C621FA C621FA	01 02 03	C621FA C621E0 C621F0	00 01 01	1 1 1	TQ2 TQ2 TQ2	D2 D1 E3	21A 26A 28B	(SMH/SDH).MA15*		
10661 10662	XA415 XA445	57 48			XA445 48				168 168	9 9			C621F0 C621F0	01 02	C621F0 C509DA	00 01	1 2	TQ2 TQ2	E3 D2	30B 22A			
10663 10664	XA406 XA402	63 48			XA402 48				168 168	9 9			C621G0 C621G0	01 02	C621G0 C621FA	00 01	1 2	TQ2 TQ2	E4 D2	33B 22A	SMH/SDH		
10665 10666	XA402 XA406	52 54			XA406 54				168 168	9 9			C621HA C621HA	01 02	C621HA C621E0	00 01	1 2	TQ2 TQ2	D1 D1	24A 25A			
10667 10668	XA406 XA402	57 56			XA402 56				168 168	9 9			C621H0 C621H0	01 02	C621H0 C621HA	00 01	1 1	TQ2 TQ2	E3 D1	30B 26A	SDF/MZF/MZH		
10669 10670	XA401 XA504	72 73			XA504 73				168 168	9 9			C621JA C621JA	01 02	C621C0 C621JA	01 00	2 1	T13 T13	F2 F1	34A 36B	AUCTION IF ACZR		
10671 10672	XA406 XA504	60 77			XA504 77				168 168	9 9			C621K0 C621K0	01 02	C621K0 C621JA	00 01	1 2	TQ2 T13	E2 F1	28A 38B	ZIL/EXP		
10673 10674 10675	XA415 XA406 XA402	59 64 57			XA406 64 XA402 57				168 168 168	9 9 9			C621LA C621LA C621LA	01 02 03	C621L0 C621K0 C621LA	01 01 00	1 1 1	TQ2 TQ2 TQ2	E4 E2 E3	31B 30A 30B	(SBT/RBT/MIU/MIL)		
10676 10677	XA415 XA543	63 55			XA543 55				168 168	9 9			C621L0 C621L0	01 02	C621L0 C509FA	00 01	1 2	TQ2 TQ2	E4 E3	33B 29B			
10678 10679	XA541 XA402	29 63			XA402 63				168 168	9 9			C621MA C621MA	01 02	C519H0 C621MA	01 00	1 1	TQ2 TQ2	C3 E4	14B 33B			
10684 10685 10686	XA541 XA406 XA402	50 66 59			XA406 66 XA402 55				168 168 168	9 9 9			C621M0 C621M0 C621M0	01 02 03	C512PA C621M0 C621MA	01 00 01	1 1 1	TQ2 TQ2 TQ2	D2 E1 E4	23A 31A 31B	SBY/RBY/MIU/MIL		
												****	SIGNAL	C621M0	IS ON THE NEXT PAGE				****				

DRAWING NUMBER		149011-800		STRING		UNIT ASSEMBLY NO		149011		REV D		INDEX		C621M0									
UNIT ASSEMBLY NAME		CARD CAGE ASSY,CPU R.H.				FILE IDENT		T39B2CP2		DATE		09-03-82		PAGE		239							
RECORD NUMBER	PREFIX	CONNECTOR	PIN	TO	PREFIX	CONNECTOR	PIN	WIRE	MULTI GROUP	CODE	COLOR	IDENT	SIGNAL	SEQ NO	EQUATION	FACT	CT OR CHIP TYPE	PROP	LOAD OR POWER PLANE	TEST POINTS AND/OR	SIGNAL DESCRIPTION	ECO NO	
10687		XA402	55							168	9		C621M0	04	C621LA	01	2	TQ2	E3	29B			
10688		XA409	79		XA409	68				168	9		C622DA	01	CMP490	01	1	TD4	F1	39B			
10689		XA409	68		XA402	66				168	9		C622DA	02	CMP690	01	2	TD4	E1	32A			
10690		XA402	66							168	9		C622DA	03	C622DA	00	1	TQ2	E1	31A	DTR PL0207PQ1015		
10691		XA406	80		XA402	70				168	9		C622EA	01	C622EA	00	1	TQ2	F4	39A	TRAC.PLE3		
10692		XA402	70							168	9		C622EA	02	C622DA	01	1	TQ2	E1	33A			
10693		XA409	62		XA402	60				168	9		C623CA	01	CMP790	01	2	TD4	E2	29A			
10694		XA402	60							168	9		C623CA	02	C623CA	00	1	TQ2	E2	28A	BTR DB0001PT0001		
10695		XA406	69		XA402	64				168	9		C623C0	01	C623C0	00	1	TQ2	F3	35A	E7.(TXP/YCP/YIE)7		
10696		XA402	64							168	9		C623C0	02	C623CA	01	1	TQ2	E2	30A			
10697		XA406	74		XA402	75				168	9		C623DA	01	C623C0	01	2	TQ2	F3	35B			
10698		XA402	75							168	9		C623DA	02	C623DA	00	1	TQ2	F1	37B	E7.(TXP/YCP/YIE)		
10699		XA409	48		XA409	60				168	9		C624DA	01	CMP990	01	2	TD4	D2	22A			
10700		XA409	60		XA402	72				168	9		C624DA	02	CMP790	01	3	TD4	E2	28A			
10701		XA402	72							168	9		C624DA	03	C624DA	00	1	TQ2	F2	34A	LOA +2PT0207		
10702		XA409	54		XA409	55				168	9		C625DA	01	CMP890	01	2	TD4	D1	25A			
10703		XA409	55		XA402	69				168	9		C625DA	02	CMP790	01	4	TD4	E2	29B			
10704		XA402	69							168	9		C625DA	03	C625DA	00	1	TQ2	F3	35A	BTR DB2631PT0207		
10705		XA410	07		XA406	15				168	9		C626CA	01	CMP190	01	2	TQ2	A3	03A			
10706		XA406	15		XA407	55				168	9		C626CA	02	C626CA	00	1	TQ2	A4	07B	SET PQ02,PQ05 IN		
10707		XA407	55		XA407	61				168	9		C626CA	03	CMP390	01	4	TD4	E2	29B			
10708		XA407	61							168	9		C626CA	04	CMP290	01	4	TD4	E1	32B			
10709		XA436	13		XA435	08				168	9		C701CA	01	CMT490	01	8	TS8	A1	06B			
10710		XA435	08		XA317	63				168	9		C701CA	02	CMT190	01	2	TQ2	A1	06A			
10711		XA317	63							168	9		C701CA	03	C701CA	00	1	TQ2	E4	33B	EXE TOEC, BTR DBL		
10712		XA436	04		XA435	04				168	9		C702CA	01	CMT490	01	4	TS8	A1	04A			
10713		XA435	04		XA317	75				168	9		C702CA	02	CMT290	01	1	TQ2	A2	04A			
10714		XA317	75							168	9		C702CA	03	C702CA	00	1	TQ2	F1	37B	EXE TITR, BTR DBL		
10715		XA436	07		XA435	07				168	9		C703CA	01	CMT490	01	7	TS8	A1	03A			
10716		XA435	07		XA317	72				168	9		C703CA	02	CMT390	01	2	TQ2	A3	03A			
10717		XA317	72							168	9		C703CA	03	C703CA	00	1	TQ2	F2	34A	EXE TOFR, BTR DBL		
10718		XA342	35		XA435	03				168	9		C704CA	01	CTRL90	01	2	TT3	C3	17B			
10719		XA435	03		XA317	69				168	9		C704CA	02	CMT390	01	1	TQ2	A3	02A			
10720		XA317	69		XA321	13				168	9		C704CA	03	C704CA	00	1	TQ2	F3	35A	EXE TOFR, BTR DBL		
10721		XA321	13							168	9		C704CA	04	JCOMCO	01	2	TQ2	A4	06B			
10722		XA343	36		XA436	01				168	9		C705CA	01	CT06F0	01	4	TS8	C1	17A			
10723		XA436	01		XA317	80				168	9		C705CA	02	CMT490	01	6	TS8	A1	02B			
													****	SIGNAL	C705CA	IS ON THE NEXT PAGE				****			

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DRAWING NUMBER		149011-800		STRING		UNIT ASSEMBLY NO		149011		REV D		INDEX		C705CA									
UNIT ASSEMBLY NAME		CARD CAGE ASSY,CPU R.H.		FILE IDENT		T39B2CP2		DATE		09-03-82		PAGE		240									
RECORD NUMBER	FROM				TO				WIRE		SIGNAL	SEQ NO	EQUATION	P	CUT OR CHIP TYPE	MOP	LOAD OR POWER PLANE	TEST POINTS AND/OR	SIGNAL DESCRIPTION	TCO NO			
	PREFIX	CONNECTOR	PIR	WIRE NO	PREFIX	CONNECTOR	PIR	WIRE NO	MULTI GROUP	CODE											COLOR	IDENT	
10724		XA317	80						168	9		C705CA	03	C705CA	00	1	TQ2	F4	39A	BLO YD0031DB0031			
10727		XA331	24		XA323	80			168	9		DB00C0	01	CN001A	01	2	TQ2	B1	13A				
10728		XA323	80		XA319	43			168	9		DB00C0	02	DB00C0	00	1	TQ2	F4	39A				
10729		XA319	43						168	9		DB00C0	03	DE00UA	01	7	TS8	D1	23B				
10730		XA319	72		XA320	78			168	9		DB00DB	01	DE00ZA	01	6	TS8	F1	39A	DATA BUS- 00			
10731		XA320	78		XA321	76			168	9		DB00DB	02				RR4	H1					
10732		XA321	76		XA323	76			168	9		DB00DB	03	DB00PO	01	1	TQ2	F4	37A	DATA BUS- 03			
10733		XA323	76		XA325	80			168	9		DB00DB	04	DB00C0	01	1	TQ2	F4	37A	DATA BUS- 00			
10734		XA325	80		XA326	80			168	9	P	DC00ND	05	DB00DB	01	1	TLD	F4	39A	INDICATOR REG DRY			
10735		XA326	80		XA327	80			168	9	P	DC00RD	06	DB00DB	02	1	TLD	F4	39A	PWR OFF STATUS TC			
10736		XA327	80		XA332	80			168	9	P	DC00SD	07	DB00DB	03	1	TLD	F4	39A	CS TO DB0013 FOR			
10737		XA332	80		XA333	80			168	9	P	DP00LD	08	DB00DB	05	1	TLD	F4	39A	PL REG TO DB0009			
10738		XA333	80		XA350	03			168	9	P	DP00QD	09	DB00DB	04	1	TLD	F4	39A	QUERY REG DRIVERS			
21742		XA350	03						168	9		DB00DB	10				EXT						
10744		XA321	80		XA516	54			168	9		DB00PO	01	DB00PO	00	1	TQ2	F4	39A				
10745		XA516	54		XA511	79			168	9		DB00PO	02	PQ003A	01	2	TQ2	D1	29A				
10746		XA511	79						168	9		DB00PO	03	PT001A	01	1	TQ2	F1	39B				
10749		XA531	23		XA323	69			168	9		DB01C0	01	CN011A	01	1	TQ2	B4	11B				
10750		XA323	69		XA319	50			168	9		DB01C0	02	DB01C0	00	1	TQ2	F3	35A				
10751		XA319	50						168	9		DB01C0	03	DE00UA	01	4	TS8	D1	23A				
10752		XA319	75		XA320	75			168	9		DB01DB	01	DE00ZA	01	3	TS8	F1	37B	DATA BUS- 01			
10753		XA320	75		XA321	74			168	9		DB01DB	02				RR4	H3					
10754		XA321	74		XA323	65			168	9		DB01DB	03	DB01PO	01	2	TQ2	F3	35B	DATA BUS- 01			
10755		XA323	65		XA325	69			168	9		DB01DB	04	DB01C0	01	1	TQ2	F3	34B	DATA BUS- 01			
10756		XA325	69		XA326	69			168	9	P	DC01ND	05	DB01DB	01	1	TLD	F3	35A				
10757		XA326	69		XA327	69			168	9	P	DC01RD	06	DB01DB	02	1	TLD	F3	35A	IO ERROR EXIT STA			
10758		XA327	69		XA332	69			168	9	P	DC01SD	07	DB01DB	03	1	TLD	F3	35A				
10759		XA332	69		XA333	69			168	9	P	DP01LD	08	DB01DB	05	1	TLD	F3	35A				
10760		XA333	69		XA350	05			168	9	P	DP01QD	09	DB01DB	04	1	TLD	F3	35A				
21744		XA350	05						168	9		DB01DB	10				EXT						
10766		XA321	69		XA516	48			168	9		DB01PO	01	DB01PO	00	1	TQ2	F3	35A				
10767		XA516	48		XA511	71			168	9		DB01PO	02	PQ012A	01	2	TQ2	D2	22A				
10768		XA511	71						168	9		DB01PO	03	PT011A	01	2	TQ2	F2	36A				
10771		XA531	29		XA323	72			168	9		DB02C0	01	CN021A	01	1	TQ2	C3	14B				
10772		XA323	72		XA319	48			168	9		DB02C0	02	DB02C0	00	1	TQ2	F2	34A				
10773		XA319	48						168	9		DB02C0	03	DE00UA	01	5	TS8	D1	22A				
21746		XA350	07		XA319	77			168	9		DB02DB	01				EXT						
10775		XA319	77		XA320	72			168	9		DB02DB	02	DE00ZA	01	2	TS8	F1	36B	DATA BUS- 02			
10776		XA320	72		XA321	73			168	9		DB02DB	03				RR4	G1					
10777		XA321	73		XA323	71			168	9		DB02DB	04	DB02PO	01	1	TQ2	F2	36B	DATA BUS- 02			
10778		XA323	71		XA325	72			168	9		DB02DB	05	DB02C0	01	2	TQ2	F2	36A	DATA BUS- 02			
10779		XA325	72		XA326	72			168	9	P	DC02ND	06	DB02DB	01	1	TLD	F2	34A				
												****	SIGNAL	DB02DB	S ON THE NEXT PAGE				****				

DRAWING NUMBER		149011-800		STRING		UNIT ASSEMBLY NO		149011		REV D		INDEX		080208					
UNIT ASSEMBLY NAME		CARD CAGE ASSY, CPU R.H.				FILE IDENT		T3982CP2		DATE		09-03-82		PAGE		241			
RECORD NUMBER	PREFIX	CONNECTOR	PIN	PIN	PIN	GROUP	CODE	COLOR	IDENT	SIGNAL	SEQ NO	EQUATION	TYPE	CAT ON CH P TYPE	GROUP	LOAD CP POWER PLANE	TEST POINTS AND/OR	SIGNAL DESCRIPTION	ECO NO
10780		XA326	72				168 9			P	OC02RD	07	DB02DB	02 1	TLD F2		34A	TRAP STATUS TO DB	
10781		XA327	72				168 9			P	DC02SD	08	DB02DB	03 1	TLD F2		34A		
10782		XA331	72				168 9			P	DP02LD	09	DB02DB	05 1	TLD F2		34A		
10783		XA332	72				168 9			P	DP02QD	10	DB02DB	04 1	TLD F2		34A		
10788		XA321	72				168 9				DB02P0	01	DB02P0	00 1	TQ2 F2		34A		
10789		XA516	47				168 9				DB02P0	02	PQ022A	01 1	TQ2 D4		25B		
10792		XA531	54				168 9				DB03C0	01	CN031A	01 2	TQ2 D1		25A		
10793		XA323	75				168 9				DB03C0	02	DB03C0	00 1	TQ2 F1		37B		
10794		XA319	49				168 9				DB03C0	03	DEUUUA	01 8	TS8 D1		26B		
21748		XA350	09				168 9				DB03DB	01			EXT				
10796		XA319	78				168 9				DB03DB	02	DEUJZA	01 8	TS8 F1		38A	DATA BUS- 03	
10797		XA320	66				168 9				DB03DB	03			RR4 G2				
10798		XA321	77				168 9				DB03DB	04	DB03P0	01 2	TQ2 F1		38B	DATA BUS- 03	
10799		XA323	77				168 9				DB03DB	05	DB03C0	01 2	TQ2 F1		38B	DATA BUS- 03	
10800		XA325	75				168 9			P	DC03ND	06	DB03DB	01 1	TLD F1		37B		
10801		XA326	75				168 9			P	DC03RD	07	DB03DB	02 1	TLD F1		37B		
10802		XA327	75				168 9			P	DC03SD	08	DB03DB	03 1	TLD F1		37B		
10803		XA331	75				168 9			P	DP03LD	09	DB03DB	05 1	TLD F1		37B		
10804		XA332	75				168 9			P	DP03QD	10	DB03DB	04 1	TLD F1		37B		
10809		XA321	75				168 9				DB03P0	01	DB03P0	00 1	TQ2 F1		37B		
10810		XA516	53				168 9				DB03P0	02	PQ036A	01 1	TQ2 E3		28B		
10813		XA531	43				168 9				DB04C0	01	CN041A	01 2	TQ2 D3		23B		
10814		XA323	63				168 9				DB04C0	02	DB04C0	00 1	TQ2 E4		33B		
10815		XA319	46				168 9				DB04C0	03	DEUUUA	01 6	TS8 D1		21A		
10816		XA319	79				168 9				DB04DB	01	DEUJZA	01 1	TS8 F1		35B	DATA BUS- 04	
10817		XA320	63				168 9				DB04DB	02			RR4 G4				
10818		XA321	61				168 9				DB04DB	03	DB04P0	01 2	TQ2 E4		32B	DATA BUS- 04	
10819		XA323	59				168 9				DB04DB	04	DB04C0	01 1	TQ2 E4		31B	DATA BUS- 04	
10820		XA325	63				168 9			P	DC04ND	05	DB04DB	01 1	TLD E4		33B		
10821		XA326	63				168 9			P	DC04RD	06	DB04DB	02 1	TLD E4		33B		
10822		XA327	63				168 9			P	DC04SD	07	DB04DB	03 1	TLD E4		33B	AUCTION STATUS TO	
10823		XA331	63				168 9			P	DP04LD	08	DB04DB	05 1	TLD E4		33B		
10824		XA332	63				168 9			P	DP04QD	09	DB04DB	04 1	TLD E4		33B		
21750		XA350	11				168 9				DB04DB	10			EXT				
10830		XA321	63				168 9				DB04P0	01	DB04P0	00 1	TQ2 E4		33B		
10831		XA516	79				168 9				DB04P0	02	PQ042A	01 1	TQ2 F1		39B		
10834		XA531	68				168 9				DB05C0	01	CN051A	01 2	TQ2 E1		32A		
10835		XA323	57				168 9				DB05C0	02	DB05C0	00 1	TQ2 E3		30B		
10836		XA319	52				168 9				DB05C0	03	DEUUUA	01 3	TS8 D1		24A		
10837		XA319	74				168 9				DB05DB	01	DEUJZA	01 7	TS8 F1		35B	DATA BUS-05	
10838		XA320	61				168 9				DB05DB	02			RR4 G5				
											***	SIGNAL	DB05DB		IS ON THE		NEXT PAGE	***	

2-2878-1

DRAWING NUMBER		149011-800		STRING		UNIT ASSEMBLY NO		149011		REV D		INDEX		DB05DB											
UNIT ASSEMBLY NAME		CARD CAGE ASSY,CPU R.H.				FILE IDENT		T39B2CPZ		DATE		09-03-82		PAGE											
PAGE		242																							
RECORD NUMBER	PREFIX	CONNECTOR	PIN	TO	PREFIX	CONNECTOR	PIN	WIRE	MULTI GROUP	CODE	COLOR	IDENT	SIGNAL	SERIAL NO	EQUATION	TERMINATION	OR CHIP TYPE	GROUP	LOAD OR POWER PLANE	TEST POINTS AND/OR	SIGNAL DESCRIPTION	ECO NO			
10839		XA321	55		XA323	53		168	9				DB05DB	03	DB05P0	01	2	TQ2	E3		298	DATA BUS-05			
10840		XA323	53		XA325	57		168	9				DB05DB	04	DB05C0	01	1	TQ2	E3		298	DATA BUS-05			
10841		XA325	57		XA326	57		168	9			P	DC05ND	05	DB05DB	01	1	TLD	E3		308				
10842		XA326	57		XA327	57		168	9			P	DC05RD	06	DB05DB	02	1	TLD	E3		308	LEV CHNG BY INS S			
10843		XA327	57		XA331	57		168	9			P	DC05SD	07	DB05DB	03	1	TLD	E3		308				
10844		XA331	57		XA332	57		168	9			P	DP05LD	08	DB05DB	05	1	TLD	E3		308				
10845		XA332	57		XA350	13		168	9			P	DP05QD	09	DB05DB	04	1	TLD	E3		308				
21752		XA350	13					168	9				DB05DB	10				EXT							
10851		XA321	57		XA516	71		168	9				DB05P0	01	DB05P0	00	1	TQ2	E3		308				
10852		XA516	71					168	9				DB05P0	02	PQ054A	01	2	TQ2	F2		36A				
10853		XA331	53		XA323	60		168	9				DB06C0	01	CN061A	01	1	TQ2	E3		288				
10856		XA323	60		XA319	54		168	9				DB06C0	02	DB06C0	00	1	TQ2	E2		28A				
10857		XA319	54					168	9				DB06C0	03	DE00UA	01	2	TSB	D1		25A				
10858		XA319	71		XA320	55		168	9				DB06DB	01	DE00ZA	01	5	TSB	F1		36A	DATA BUS-06			
10859		XA320	55		XA321	64		168	9				DB06DB	02				RR4	F3						
10860		XA321	64		XA325	62		168	9				DB06DB	03	DB06P0	01	1	TQ2	E2		30A	DATA BUS-06			
10861		XA323	62		XA325	60		168	9				DB06DB	04	DB06C0	01	2	TQ2	E2		29A	DATA BUS-06			
10862		XA325	60		XA326	60		168	9			P	DC05ND	05	DB06DB	01	1	TLD	E2		28A				
10863		XA326	60		XA327	60		168	9			P	DC06RD	06	DB06DB	02	1	TLD	E2		28A	DIAGNOSE STATUS T			
10864		XA327	60		XA330	60		168	9			P	DC06SD	07	DB06DB	03	1	TLD	E2		28A				
10865		XA330	60		XA331	60		168	9			P	DP06LD	08	DB06DB	05	1	TLD	E2		28A				
10866		XA331	60		XA350	13		168	9			P	DP06QD	09	DB06DB	04	1	TLD	E2		28A				
21754		XA350	13					168	9				DB06DB	10				EXT							
10872		XA321	60		XA516	78		168	9				DB06P0	01	DB06P0	00	1	TQ2	E2		28A				
10873		XA516	78					168	9				DB06P0	02	PQ061A	01	2	TQ2	F4		38A				
10876		XA331	73		XA323	66		168	9				DB07C0	01	CN071A	01	1	TQ2	F2		368				
10877		XA323	66		XA319	56		168	9				DB07C0	02	DB07C0	00	1	TQ2	E1		31A				
10878		XA319	56					168	9				DB07C0	03	DE00UA	01	1	TSB	D1		26A				
10879		XA202	75		XA319	73		168	9				DB07DB	01	CSE0CA	01	3	TSB	F1		378				
10880		XA319	73		XA320	52		168	9				DB07DB	02	DE00ZA	01	4	TSB	F1		368	DATA BUS-07			
10881		XA320	52		XA321	70		168	9				DB07DB	03				RR4	E1						
10882		XA321	70		XA323	68		168	9				DB07DB	04	DB07P0	01	1	TQ2	E1		33A	DATA BUS-07			
10883		XA323	68		XA325	66		168	9				DB07DB	05	DB07C0	01	2	TQ2	E1		32A	DATA BUS-07			
10884		XA325	66		XA326	66		168	9			P	DC07ND	06	DB07DB	01	1	TLD	E1		31A				
10885		XA326	66		XA327	66		168	9			P	DC07RD	07	DB07DB	02	1	TLD	E1		31A	BOOTSTRAP STATUS			
10886		XA327	66		XA330	66		168	9			P	DC07SD	08	DB07DB	03	1	TLD	E1		31A				
10887		XA330	66		XA331	66		168	9			P	DP07LD	09	DB07DB	05	1	TLD	E1		31A				
10888		XA331	66		XA350	17		168	9			P	DP07QD	10	DB07DB	04	1	TLD	E1		31A				
21756		XA350	17					168	9				DB07DB	11				EXT							
10896		XA321	66		XA509	08		168	9				DB07P0	01	DB07P0	00	1	TQ2	E1		31A				
10897		XA509	08					168	9				DB07P0	02	PQ071A	01	2	TQ2	A1		06A				
10900		XA529	41		XA324	80		168	9				DB08C0	01	CN081A	01	1	TQ2	D3		228				
													****	SIGNAL	(DB08C0)	IS ON THE NEXT PAGE ****									

DRAWING NUMBER 149011-800 UNIT ASSEMBLY NAME CARD CAGE ASSY,CPU R.H. STRING UNIT ASSEMBLY NO 149011 FILE IDENT T39BZCP2 REV D DATE 09-03-82 INDEX PAGE DB08C0 243

RECORD NUMBER	FROM				TO				WIRE			SIGNAL	SEQ NO	EQUATION	3	5	CRT OR CHIP TYPE	GROUP	LOAD OR POWER PLANE	TEST POINTS AND OP	SIGNAL DESCRIPTION	ECO NO
	PREFIX	CONNECTOR	PIN	WIRE NO	PREFIX	CONNECTOR	PIN	WIRE NO	MULTI GROUP	CODE	COL IN											
10901		XA324	80		XA319	37		168	9				DB08C0	02	DB08C0	00	1	TQ2	F4	39A		
10902		XA319	37					168	9				DB08C0	03	DEULUA	01	8	TS8	C1	18B		
10903		XA319	64		XA320	76		168	9				DB08DB	01	DEULZA	01	4	TS8	E1	30A	DATA BUS- 08	
10904		XA320	76		XA322	76		168	9				DB08DB	02				RR4	H2			
10905		XA322	76		XA324	78		168	9				DB08DB	03	DB08P0	01	1	TQ2	F4	37A	DATA BUS- 08	
10906		XA324	78		XA328	80		168	9				DB08DB	04	DB08C0	01	2	TQ2	F4	38A	DATA BUS- 08	
10907		XA328	80		XA329	80		168	9			P	DC08ND	05	DB08DB	06	1	TLD	F4	39A		
10908		XA329	80		XA330	80		168	9			P	DC08SD	06	DB08DB	02	1	TLD	F4	39A	LEV CHNG BIN MSB	
10909		XA330	80		XA331	80		168	9			P	DP08LD	07	DB08DB	04	1	TLD	F4	39A		
10910		XA331	80		XA350	19		168	9			P	DP08QD	08	DB08DB	03	1	TLD	F4	39A		
21758		XA350	19					168	9				DB08DB	09				EXT				
10916		XA322	80		XA509	07		168	9				DB08P0	01	DB08P0	00	1	TQ2	F4	39A		
10917		XA509	07		XA507	62		168	9				DB08P0	02	PQ081A	01	2	TQ2	A3	03A		
10918		XA507	62					168	9				DB08P0	03	PT081A	01	2	TQ2	E2	29A		
10921		XA529	68		XA324	69		168	9				DB09C0	01	CN091A	01	2	TQ2	E1	32A		
10922		XA324	69		XA319	36		168	9				DB09C0	02	DB09C0	00	1	TQ2	F3	35A		
10923		XA319	36					168	9				DB09C0	03	DEULUA	01	4	TS8	C1	17A		
16560		XA314	36		XA319	68		168	9				DB09DB	00	C343H0	01	1	TQ2	C2	17A		
10924		XA319	68		XA320	73		168	9				DB09DB	01	DEULZA	01	2	TS8	E1	32A	DATA BUS- 09	
10925		XA320	73		XA322	65		168	9				DB09DB	02				RR4	H4			
10926		XA322	65		XA324	74		168	9				DB09DB	03	DB09P0	01	1	TQ2	F3	34B	DATA BUS- 09	
10927		XA324	74		XA328	69		168	9				DB09DB	04	DB09C0	01	2	TQ2	F3	35B	DATA BUS- 09	
10928		XA328	69		XA329	69		168	9			P	DC09ND	05	DB09DB	01	1	TLD	F3	35A		
10929		XA329	69		XA330	69		168	9			P	DC09SD	06	DB09DB	02	1	TLD	F3	35A	LEV CHNG BIN BIT	
10930		XA330	69		XA331	69		168	9			P	DP09LD	07	DB09DB	04	1	TLD	F3	35A		
10931		XA331	69		XA350	21		168	9			P	DP09QD	08	DB09DB	03	1	TLD	F3	35A		
21760		XA350	21					168	9				DB09DB	09				EXT				
10937		XA322	65		XA509	26		168	9				DB09P0	01	DB09P0	00	1	TQ2	F3	35A		
10938		XA509	26		XA507	53		168	9				DB09P0	02	PQ091A	01	1	TQ2	B1	14A		
10939		XA507	53					168	9				DB09P0	03	PT091A	01	1	TQ2	E3	28B		
10942		XA529	59		XA324	72		168	9				DB10C0	01	CN101A	01	1	TQ2	E4	31B		
10943		XA324	72		XA319	31		168	9				DB10C0	02	DB10C0	00	1	TQ2	F2	34A		
10944		XA319	31					168	9				DB10C0	03	DEULUA	01	7	TS8	C1	15B		
10945		XA319	62		XA320	71		168	9				DB10DB	01	DEULZA	01	5	TS8	E1	29A	DATA BUS- 10	
10946		XA320	71		XA322	71		168	9				DB10DB	02				RR4	H5			
10947		XA322	71		XA324	73		168	9				DB10DB	03	DB10P0	01	2	TQ2	F2	34A	DATA BUS- 10	
10948		XA324	73		XA328	72		168	9				DB10DB	04	DB10C0	01	1	TQ2	F2	34B	DATA BUS- 10	
10949		XA328	72		XA329	72		168	9			P	DC10ND	05	DB10DB	01	1	TLD	F2	34A		
10950		XA329	72		XA330	72		168	9			P	DC10SD	06	DB10DB	02	1	TLD	F2	34A	LEV CHNG BIN LSB	
10951		XA330	72		XA350	23		168	9			P	DP10QD	07	DB10DB	03	1	TLD	F2	34A		
21762		XA350	23					168	9				DB10DB	08				EXT				
10957		XA322	72		XA509	23		168	9				DB10P0	01	DB10P0	00	1	TQ2	F2	34A		
								****				SIGNAL	DB10P0		IS ON THE			NEXT PAGE	****			

DRAWING NUMBER 149011-800
 UNIT ASSEMBLY NAME CARD CAGE ASSY, CPU R.H.

STRING

UNIT ASSEMBLY NO 149011
 FILE IDENT T3982CP2

REV D
 DATE 09-03-82

INDEX DB10P0
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RECORD NUMBER	FROM				TO				MULTI GROUP	CODE	COLOR	IDENT	SIGNAL	EQ NO	EQUATION	S	T	C	EXT OR CHIP TYPE	GROUP	LOAD OR POWER PLANE	TEST POINTS LOCATION	SIGNAL DESCRIPTION	ECO NO
	PREFIX	CONNECTOR	PIN	CS	PREFIX	CONNECTOR	PIN	CS																
10958		XA509	23						168	9			DB10P0	02	PQ102A	01	1	TQ2	B4			11B		
10961		XA529	73		XA324	75			168	9			DB11C0	01	CN111A	01	1	TQ2	F2			36B		
10962		XA324	75		XA319	38			168	9			DB11C0	02	DB11C0	00	1	TQ2	F1			37B		
10963		XA319	38						168	9			DB11C0	03	DEULUA	01	3	YS8	C1			18A		
21764		XA350	25		XA320	65			168	9			DB11D8	01										
10965		XA320	65		XA328	75			168	9			DB11D8	02										
10966		XA328	75		XA319	61			168	9	P		DC11D0	03	DB11D8	01	1	TLD	F1			37B		
10967		XA319	61		XA329	75			168	9			DB11D8	04	DEULZA	01	8	TS8	E1			32B	DATA BUS- 11	
10968		XA329	75		XA322	77			168	9	P		DC11SD	05	DB11D8	02	1	TLD	F1			37B	LEVEL CHANGE STAT	
10969		XA322	77		XA324	79			168	9			DB11D8	06	DB11P0	01	2	TQ2	F1			36B	DATA BUS- 11	
10970		XA324	79		XA350	75			168	9			DB11D8	07	DB11C0	01	1	TQ2	F1			39B	DATA BUS- 11	
10971		XA330	75						168	9	P		DP11Q0	08	DB11D8	03	1	TLD	F1			37B		
10976		XA322	75		XA511	23			168	9			DB11P0	01	DB11P0	00	1	TQ2	F1			37B		
10977		XA511	23						168	9			DB11P0	02	PQ112A	01	1	TQ2	B4			11B		
10980		XA529	34		XA324	63			168	9			DB12C0	01	CN121A	01	2	TQ2	C2			18A		
10981		XA324	63		XA319	30			168	9			DB12C0	02	DB12C0	00	1	TQ2	E4			33B		
10982		XA319	30						168	9			DB12C0	03	DEULUA	01	6	YS8	C1			15A		
10983		XA319	55		XA320	62			168	9			DB12D8	01	DEULZA	01	7	YS8	E1			29B	DATA BUS- 12	
10984		XA320	62		XA322	59			168	9			DB12D8	02										
10985		XA322	59		XA324	61			168	9			DB12D8	03	DB12P0	01	1	TQ2	E4			31B	DATA BUS- 12	
10986		XA324	61		XA328	63			168	9			DB12D8	04	DB12C0	01	2	TQ2	E4			32B	DATA BUS- 12	
10987		XA328	63		XA329	63			168	9	P		DC12D0	05	DB12D8	01	1	TLD	E4			33B		
10988		XA329	63		XA330	63			168	9	P		DC12SD	06	DB12D8	02	1	TLD	E4			33B	EXECUTION STATE T	
10989		XA330	63		XA350	27			168	9	P		DP12Q0	07	DB12D8	03	1	TLD	E4			33B		
21766		XA350	27						168	9			DB12D8	08										
10995		XA322	63		XA509	31			168	9			DB12P0	01	DB12P0	00	1	TQ2	E4			33B		
10996		XA509	31						168	9			DB12P0	02	PQ122A	01	2	TQ2	C3			15B		
10999		XA527	40		XA324	57			168	9			DB13C0	01	CN131A	01	2	TQ2	C1			19A		
11000		XA324	57		XA319	40			168	9			DB13C0	02	DB13C0	00	1	TQ2	E3			30B		
11001		XA319	40						168	9			DB13C0	03	DEULUA	01	2	YS8	C1			19A		
11002		XA202	77		XA319	70			168	9			DB13D8	01	CSE0CA	01	2	YS8	F1			36B		
11003		XA319	70		XA320	56			168	9			DB13D8	02	DEULZA	01	1	TS8	E1			33A	DATA BUS- 13	
11004		XA320	56		XA322	55			168	9			DB13D8	03										
11005		XA322	55		XA324	53			168	9			DB13D8	04	DB13P0	01	2	TQ2	E3			29B	DATA BUS- 13	
11006		XA324	53		XA328	57			168	9			DB13D8	05	DB13C0	01	1	TQ2	E3			28B	DATA BUS- 13	
11007		XA328	57		XA329	57			168	9	P		DC13D0	06	DB13D8	01	1	TLD	E3			30B		
11008		XA329	57		XA330	57			168	9	P		DC13SD	07	DB13D8	02	1	TLD	E3			30B	FETCH STATE TO DB	
11009		XA330	57		XA350	29			168	9	P		DP13Q0	08	DB13D8	03	1	TLD	E3			30B	T	
21768		XA350	29						168	9			DB13D8	09										
11017		XA322	57		XA511	31			168	9			DB13P0	01	DB13P0	00	1	TQ2	E3			30B		
11018		XA511	31						168	9			DB13P0	02	PQ132A	01	2	TQ2	C3			15B		

DRAWING NUMBER		149011-800										STRING		UNIT ASSEMBLY NO		149011		REV D		INDEX		DB13P0						
UNIT ASSEMBLY NAME		CARD CAGE ASSY, CPU R.H.										FILE IDENT		T3982CP2		DATE		09-03-82		PAGE		245						
RECORD NUMBER	FROM				TO				WIRE		MULTI GROUP	CODE	COLOR	IDENT	SPEC. DET. SYMB.	SIGNAL	SEQ NO	EQUATION	TERM	FAC	S	CCT OR CHIP TYPE	GROUP	LOAD CP. POWER PLANE	TEST POINTS		SIGNAL DESCRIPTION	ECO NO
	PREFIX	CONNECTOR	PIN	WIRE NO	PREFIX	CONNECTOR	PIN	WIRE NO	AND/OR	AND/OR																		
11021	XA527	74		XA324	60			168	9						DB14C0	01	CN141A	01	2	TQ2	F3			35B				
11022	XA324	60		XA319	34			168	9						DB14C0	02	DB14C0	00	1	TQ2	E2			28A				
11023	XA319	34						168	9						DB14C0	03	DEULUA	01	5	YS8	C1			16A				
11024	XA202	78		XA320	53			168	9						DB140R	01	CSE0CA	01	8	YS8	F1			38A				
11025	XA320	53		XA319	60			168	9						DB140B	02				RR4	F4							
11026	XA319	60		XA322	64			168	9						DB140B	03	DEULZA	01	6	YS8	E1			28A		DATA BUS- 14		
11027	XA322	64		XA324	64			168	9						DB140B	04	DB14P0	01	1	TQ2	E2			30A		DATA BUS- 14		
11028	XA324	64		XA328	60			168	9						DB140B	05	DB14C0	01	1	TQ2	E2			30A		DATA BUS- 14		
11029	XA328	60		XA329	60			168	9					P	DC14ND	06	DB140B	02	1	TLD	E2			28A				
11030	XA329	60		XA350	31			168	9					P	DPI4QD	07	DB140B	01	1	TLD	E2			28A		T		
21770	XA350	31						168	9						DB140B	08				EXT								
11038	XA322	60		XA511	54			168	9						DB14P0	01	DB14P0	00	1	TQ2	E2			28A				
11039	XA511	54						168	9						DB14P0	02	PQ142A	01	2	TQ2	O1			25A				
11042	XA527	41		XA324	66			168	9						DB15C0	01	CN151A	01	1	TQ2	D3			22B				
11043	XA324	66		XA319	42			168	9						DB15C0	02	DB15C0	00	1	TQ2	E1			31A				
11044	XA319	42						168	9						DB15C0	03	DEULUA	01	1	YS8	C1			20A				
11045	XA202	79		XA320	51			168	9						DB150B	01	CSE0CA	01	1	YS8	F1			39B				
11046	XA320	51		XA319	66			168	9						DB150B	02				RR4	F5							
11047	XA319	66		XA322	68			168	9						DB150B	03	DEULZA	01	3	YS8	E1			31A		DATA BUS- 15		
11048	XA322	68		XA324	70			168	9						DB150B	04	DB15P0	01	2	TQ2	E1			32A		DATA BUS- 15		
11049	XA324	70		XA328	66			168	9						DB150B	05	DB15C0	01	1	TQ2	E1			33A		DATA BUS- 15		
11050	XA328	66		XA329	66			168	9					P	DC15ND	06	DB150B	02	1	TLD	E1			31A				
11051	XA329	66		XA350	33			168	9					P	DPI5QD	07	DB150B	01	1	TLD	E1			31A		T		
21772	XA350	33						168	9						DB150B	08				EXT								
11059	XA322	66		XA511	43			168	9						DB15P0	01	DB15P0	00	1	TQ2	E1			31A				
11060	XA511	43						168	9						DB15P0	02	PQ152A	01	2	TQ2	O3			23B				
11065	XA446	66		XA531	18			168	9						DB16C0	01	C410CA	01	3	YY3	E1			31A				
11066	XA531	18		XA324	51			168	9						DB16C0	02	CN002A	01	2	TQ2	B2			10A				
11067	XA324	51		XA124	42			168	9						DB16C0	03	DB16C0	00	1	TQ2	D4			27B				
11068	XA124	42		XA121	22			168	9						DB16C0	04	CL001A	01	1	TQ2	C1			20A				
11069	XA121	22						168	9						DB16C0	05	DELUUA	01	3	YS8	B1			12A				
11070	XA319	26		XA320	48			168	9						DB160B	01	DELUZA	01	1	YS8	B1			14A		DATA BUS- 16		
11071	XA320	48		XA322	47			168	9						DB160B	02				RR4	E2							
11072	XA322	47		XA324	49			168	9						DB160B	03	DB16P0	01	1	TQ2	D4			25B		DATA BUS- 16		
11073	XA324	49		XA325	51			168	9						DB160B	04	DB16C0	01	2	TQ2	D4			26B		DATA BUS- 16		
11074	XA325	51		XA326	51			168	9					P	DC16CD	05	DB160B	01	1	TLD	D4			27B		COMMAND DRVS TO		
11075	XA326	51		XA327	51			168	9					P	DC16LD	06	DB160B	02	1	TLD	D4			27B		CL DRVS TO DB163		
11076	XA327	51		XA328	51			168	9					P	DC16ND	07	DB160B	03	1	TLD	D4			27B		INDICATOR REG DRV		
11077	XA328	51		XA329	51			168	9					P	DP16QD	08	DB160B	05	1	TLD	D4			27B		T		
11078	XA329	51		XA350	35			168	9					P	DP16RD	09	DB160B	04	1	TLD	D4			27B				
21774	XA350	35						168	9						DB160B	10				EXT								

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DRAWING NUMBER 149011-800
 UNIT ASSEMBLY NAME CARD CAGE ASSY,CPU R.H.

STRING

UNIT ASSEMBLY NO 149011
 FILE IDENT T3982CP2

REV D
 DATE 09-03-82

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RECORD NUMBER	FROM				TO				MULTI-BROU	CODE	COLOR	IDENT	SPEC. IDENT	SIGNAL	SEQ NO	EQUATION	TERM	FACTOR	CKT OR CHIP TYPE	PROP	LOAD OR POWER PLANE	TEST POINTS		SIGNAL DESCRIPTION	ECO NO
	PREFIX	CONNECTOR	PIN	WIRE	PREFIX	CONNECTOR	PIN	WIRE														AND OR	AND OR		
11082		XA503	07		XA503	40			168	9				DB16PA	01	PA02C0	01	2	TQ2	A3		03A			
11083		XA503	40		XA502	10			168	9				DB16PA	02	PA03D0	01	2	TQ2	C1		19A			
11084		XA502	10		XA506	06			168	9				DB16PA	03	PA00C0	01	1	TS8	A1		07A			
11085		XA506	06		XA323	51			168	9				DB16PA	04	PA01C0	01	3	TD4	A1		05A			
11086		XA323	51						168	9				DB16PA	05	DB16PA	00	1	TQ2	D4		27B			
11089		XA323	49		XA322	51			168	9				DB16P0	01	DB16PA	01	2	TQ2	D4		26B			
11090		XA322	51						168	9				DB16P0	02	DB16P0	00	1	TQ2	D4		27B			
11095		XA531	40		XA446	53			168	9				DB17C0	01	CN012A	01	2	TQ2	C1		19A			
11096		XA446	53		XA324	45			168	9				DB17C0	02	C411CA	01	3	TT3	E2		28B			
11097		XA324	45		XA124	36			168	9				DB17C0	03	DB17C0	00	1	TQ2	D3		24B			
11098		XA124	36		XA121	18			168	9				DB17C0	04	CL021A	01	1	TQ2	C2		17A			
11099		XA121	18						168	9				DB17C0	05	DELUUA	01	5	TS8	B1		10A			
11100		XA319	24		XA320	47			168	9				DB17D8	01	DELUUA	01	2	TS8	B1		13A	DATA BUS- 17		
11101		XA320	47		XA322	43			168	9				DB17D8	02			RR4	E3						
11102		XA322	43		XA324	43			168	9				DB17D8	03	DB17P0	01	2	TQ2	D3		23B	DATA BUS- 17		
11103		XA324	43		XA325	45			168	9				DB17D8	04	DB17C0	01	2	TQ2	D3		23B	DATA BUS- 17		
11104		XA325	45		XA326	45			168	9			P	DC17C0	05	DB17D8	01	1	TLD	D3		24B			
11105		XA326	45		XA327	45			168	9			P	DC17LD	06	DB17D8	02	1	TLD	D3		24B			
11106		XA327	45		XA328	45			168	9			P	DC17ND	07	DB17D8	03	1	TLD	D3		24B			
11107		XA328	45		XA333	75			168	9				DP17QD	08	DB17D8	04	1	TLD	D3		24B			
23042		XA333	75		XA350	37			168	9			P	DP17RD	081	DB17D8	05	1	TLD	F1		37B			
21776		XA350	37						168	9				DB17D8	09				EXT						
11111		XA503	03		XA501	20			168	9				DB17PA	01	PA02C0	01	1	TQ2	A3		02A			
11112		XA501	20		XA501	25			168	9				DB17PA	02	PA03CA	01	1	TQ2	B2		11A			
11113		XA501	25		XA506	42			168	9				DB17PA	03	PA03E0	01	2	TQ2	B4		12B			
11114		XA506	42		XA502	13			168	9				DB17PA	04	PA03JO	01	1	TD4	C1		20A			
11115		XA502	13		XA504	13			168	9				DB17PA	05	PA00C0	01	8	TS8	A1		06B			
11116		XA504	13		XA506	08			168	9				DB17PA	06	PA03G0	01	3	TT3	A3		06B			
11117		XA506	08		XA323	45			168	9				DB17PA	07	PA01C0	01	2	TD4	A1		06A			
11118		XA323	45						168	9				DB17PA	08	DB17PA	00	1	TQ2	D3		24B			
11121		XA323	43		XA322	45			168	9				DB17P0	01	DB17PA	01	2	TQ2	D3		23B			
11122		XA322	45						168	9				DB17P0	02	DB17P0	00	1	TQ2	D3		24B			
11127		XA531	35		XA446	61			168	9				DB18C0	01	CN022A	01	1	TQ2	C4		17B			
11128		XA446	61		XA324	46			168	9				DB18C0	02	C412CA	01	3	TT3	E3		32B			
11129		XA324	46		XA124	31			168	9				DB18C0	03	DB18C0	00	1	TQ2	D2		21A			
11130		XA124	31		XA121	14			168	9				DB18C0	04	CL021A	01	2	TQ2	C3		15B			
11131		XA121	14						168	9				DB18C0	05	DELUUA	01	6	TS8	B1		09A			
11132		XA319	22		XA320	46			168	9				DB18D8	01	DELUUA	01	3	TS8	B1		12A	DATA BUS- 18		
11133		XA320	46		XA322	48			168	9				DB18D8	02			RR4	D2						
11134		XA322	48		XA324	50			168	9				DB18D8	03	DB18P0	01	2	TQ2	D2		22A	DATA BUS- 18		
11135		XA324	50		XA325	46			168	9				DB18D8	04	DB18C0	01	1	TQ2	D2		23A	DATA BUS- 18		
									***		SIGNAL			DB18D8		S ON THE			NEXT PAGE	****					

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DRAWING NUMBER		149011-800		STRING		UNIT ASSEMBLY NO		149011		REV D		INDEX		081808								
UNIT ASSEMBLY NAME		CARD CAGE ASSY,CPU R.H.		FILE IDENT		T3982CP2		DATE		09-03-82		PAGE		247								
RECORD NUMBER	FROM	TO	WIRE	WIRE	WIRE	WIRE	WIRE	WIRE	WIRE	WIRE	WIRE	WIRE	WIRE	WIRE	WIRE							
	PREFIX	CONNECTOR	PIN	PREFIX	CONNECTOR	PIN	MULTI GROUP	CODE	COL	JR	IDENT	SIGNAL	SEQ NO	EQUATION	TERM	FACTOR	CHK ON CHIP TYPE	GROUP	LOAD OR POWER PLANE	TEST POINTS AND OP	SIGNAL DESCRIPTION	ECO NO
11136		XA325	46		XA326	46		168	9			P	DC18CD	05	DB18DB	01	1	TLD	D2	21A		
11137		XA326	46		XA327	46		168	9			P	DC18LD	06	DB18DB	02	1	TLD	D2	21A		
11138		XA327	46		XA328	46		168	9			P	DC18ND	07	DB18DB	03	1	TLD	D2	21A		
11139		XA328	46		XA329	46		168	9			P	DP18QD	08	DB18DB	05	1	TLD	D2	21A	T	
11140		XA329	46		XA350	39		168	9			P	DP18TD	09	DB18DB	04	1	TLD	D2	21A	TYENT PROG REG DRV	
21778		XA350	39					168	9				DB18DB	10				EXT				
11144		XA503	11		XA506	13		168	9				DB18PA	01	PA02D0	01	1	TQ2	A4	05B		
11145		XA506	13		XA502	04		168	9				DB18PA	02	PA01C0	01	4	T04	A1	04B		
11146		XA502	04		XA323	46		168	9				DB18PA	03	PA00C0	01	4	TS8	A1	04A		
11147		XA323	46					168	9				DB18PA	04	DB18PA	00	1	TQ2	D2	21A		
11152		XA323	48		XA322	46		168	9				DB18P0	01	DB18PA	01	2	TQ2	D2	22A		
11153		XA322	46		XA501	18		168	9				DB18P0	02	DB18P0	00	1	TQ2	D2	21A		
11154		XA501	18					168	9				DB18P0	03	PA03CA	01	2	TQ2	B2	10A		
11159		XA531	50		XA446	65		168	9				DB19C0	01	CN032A	01	1	TQ2	D2	23A		
11160		XA446	65		XA324	52		168	9				DB19C0	02	C413CA	01	3	TT3	F2	34B		
11161		XA324	52		XA124	37		168	9				DB19C0	03	DB19C0	00	1	TQ2	D1	24A		
11162		XA124	37		XA121	20		168	9				DB19C0	04	CL031A	01	2	TQ2	C4	18B		
11163		XA121	20					168	9				DB19C0	05	DELUUA	01	4	TS8	B1	11A		
11164		XA319	25		XA320	45		168	9				DB19DB	01	DELUZA	01	8	TS8	B1	12B	DATA BUS- 19	
11165		XA320	45		XA322	54		168	9				DB19DB	02				RR4	E4			
11166		XA322	54		XA324	56		168	9				DB19DB	03	DB19P0	01	2	TQ2	D1	25A	DATA BUS- 19	
11167		XA324	56		XA325	52		168	9				DB19DB	04	DB19C0	01	1	TQ2	D1	26A	DATA BUS- 19	
11168		XA325	52		XA326	52		168	9			P	DC19CD	05	DB19DB	01	1	TLD	D1	24A		
11169		XA326	52		XA327	52		168	9			P	DC19LD	06	DB19DB	02	1	TLD	D1	24A		
11170		XA327	52		XA328	52		168	9			P	DC19ND	07	DB19DB	03	1	TLD	D1	24A		
11171		XA328	52		XA329	52		168	9			P	DP19QD	08	DB19DB	05	1	TLD	D1	24A	T	
11172		XA329	52		XA350	41		168	9			P	DP19TD	09	DB19DB	04	1	TLD	D1	24A		
21780		XA350	41					168	9				DB19DB	10				EXT				
11176		XA503	13		XA501	23		168	9				DB19PA	01	PA02D0	01	2	TQ2	A4	06B		
11177		XA501	23		XA506	37		168	9				DB19PA	02	PA03E0	01	1	TQ2	B4	11B		
11178		XA506	37		XA502	08		168	9				DB19PA	03	PA03J0	01	4	T04	C1	18B		
11179		XA502	08		XA504	11		168	9				DB19PA	04	PA00C0	01	2	TS8	A1	06A		
11180		XA504	11		XA506	10		168	9				DB19PA	05	PA03G0	01	2	TT3	A3	05B		
11181		XA506	10		XA323	52		168	9				DB19PA	06	PA01C0	01	1	T04	A1	07A		
11182		XA323	52					168	9				DB19PA	07	DB19PA	00	1	TQ2	D1	24A		
11185		XA323	56		XA322	52		168	9				DB19P0	01	DB19PA	01	1	TQ2	D1	24A		
11186		XA322	52					168	9				DB19P0	02	DB19P0	00	1	TQ2	D1	24A		
11189		XA531	47		XA324	39		168	9				DB20C0	01	CN042A	01	1	TQ2	D4	25B		
11190		XA324	39		XA124	56		168	9				DB20C0	02	DB20C0	00	1	TQ2	C4	19B		
11191		XA124	56		XA121	25		168	9				DB20C0	03	CL041A	01	1	TQ2	D1	26A		
11192		XA121	25					168	9				DB20C0	04	DELUUA	01	8	TS8	B1	12B		
11193		XA319	20		XA320	42		168	9				DB20DB	01	DELUZA	01	4	TS8	B1	11A	DATA BUS- 20	
								****				SIGNAL	DB20DB		IS ON THE			NEXT PAGE	****			

DRAWING NUMBER 149011-800
UNIT ASSEMBLY NAME CARD CAGE ASSY,CPU R.H.

STRING

UNIT ASSEMBLY NO 149011
FILE IDENT T3982CP2

REV D DATE 09-03-82

NOEX DB20DB
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RECORD NUMBER	FROM				TO				WIRE				SIGNAL	EQ NO	EQUATION	TERM	FACTOR	CMT OR CTRIP TYPE	PROP	LOAD OR POWER PLANE	TEST POINTS AND/OR	SIGNAL DESCRIPTION	ECO NO		
	PREFIX	CONNECTOR	PIN	CS	PREFIX	CONNECTOR	PIN	CS	MULTI GROUP	CODE	COLOR	IDENT												INSUL	
11194		XA320	42		XA322	37			168	9			DB20DB	02				RR4	D1						
11195		XA322	37		XA324	37			168	9			DB20DB	03	DB20P0	01	2	TQ2	C4		18B	DATA BUS- 20			
11196		XA324	37		XA325	39			168	9			DB20DB	04	DB20C0	01	2	TQ2	C4		18B	DATA BUS- 20			
11197		XA325	39		XA326	39			168	9		P	DC20CD	05	DB20DB	01	1	TLD	C4		19B				
11198		XA326	39		XA327	39			168	9		P	DC20LD	06	DB20DB	02	1	TLD	C4		19B				
11199		XA327	39		XA328	39			168	9		P	DC20ND	07	DB20DB	03	1	TLD	C4		19B				
11200		XA328	39		XA329	39			168	9		P	DP20QD	08	DB20DB	05	1	TLD	C4		19B				
11201		XA329	39		XA330	39			168	9		P	DP20TD	09	DB20DB	06	1	TLD	C4		19B				
11202		XA330	39		XA350	43			168	9		P	DP20UD	10	DB20DB	04	1	TLD	C4		19B	TYENT PRDG REG DRW			
21782		XA350	43						168	9			DB20DB	11				EXT							
11206		XA501	04		XA506	24			168	9			DB20PA	01	PA02E0	01	1	TQ2	A2		04A				
11207		XA506	24		XA502	05			168	9			DB20PA	02	PA01E0	01	2	TD4	B1		13A				
11208		XA502	05		XA323	39			168	9			DB20PA	03	PA00C0	01	5	TS8	A1		03B				
11209		XA323	39						168	9			DB20PA	04	DB20PA	00	1	TQ2	C4		19B				
11214		XA501	40		XA322	39			168	9			DB20P0	01	PA03FA	01	2	TQ2	C1		19A				
11215		XA322	39		XA323	37			168	9			DB20P0	02	DB20P0	00	1	TQ2	C4		19B				
11216		XA323	37						168	9			DB20P0	03	DB20PA	01	2	TQ2	C4		18B				
11219		XA531	62		XA324	33			168	9			DB21C0	01	CN052A	01	2	TQ2	E2		29A				
11220		XA324	33		XA124	50			168	9			DB21C0	02	DB21C0	00	1	TQ2	C3		16B				
11221		XA124	50		XA121	26			168	9			DB21C0	03	CL051A	01	1	TQ2	D2		23A				
11222		XA121	26						168	9			DB21C0	04	DELUUA	01	1	TS8	B1		14A				
11223		XA319	18		XA320	41			168	9			DB21DB	01	DELUZA	01	5	TS8	B1		10A	DATA BUS- 21			
11224		XA320	41		XA322	31			168	9			DB21DB	02				RR4	E5						
11225		XA322	31		XA324	31			168	9			DB21DB	03	DB21P0	01	2	TQ2	C3		15B	DATA BUS- 21			
11226		XA324	31		XA325	33			168	9		P	DB21DB	04	DB21C0	01	2	TQ2	C3		15B	DATA BUS- 21			
11227		XA325	33		XA326	33			168	9		P	DC21CD	05	DB21DB	01	1	TLD	C3		16B				
11228		XA326	33		XA327	33			168	9		P	UC21LD	06	DB21DB	02	1	TLD	C3		16B				
11229		XA327	33		XA328	33			168	9		P	DC21ND	07	DB21DB	03	1	TLD	C3		16B				
11230		XA328	33		XA329	33			168	9		P	DP21QD	08	DB21DB	05	1	TLD	C3		16B				
11231		XA329	33		XA330	33			168	9		P	DP21TD	09	DB21DB	06	1	TLD	C3		16B				
11232		XA330	33		XA350	45			168	9		P	DP21UD	10	DB21DB	04	1	TLD	C3		16B				
21784		XA350	45						168	9			DB21DB	11				EXT							
11236		XA501	05		XA506	25			168	9			DB21PA	01	PA02E0	01	2	TQ2	A2		03B				
11237		XA506	25		XA506	38			168	9			DB21PA	02	PA01E0	01	4	TD4	B1		12B				
11238		XA506	38		XA502	06			168	9			DB21PA	03	PA03J0	01	3	TD4	C1		18A				
11239		XA502	06		XA504	09			168	9			DB21PA	04	PA00C0	01	3	TS8	A1		05A				
11240		XA504	09		XA323	33			168	9			DB21PA	05	PA03G0	01	1	TT3	A3		04B				
11241		XA323	33						168	9			DB21PA	06	DB21PA	00	1	TQ2	C3		16B				
11244		XA323	31		XA322	33			168	9			DB21P0	01	DB21PA	01	2	TQ2	C3		15B				
11245		XA322	33						168	9			DB21P0	02	DB21P0	00	1	TQ2	C3		16B				
11250		XA531	59		XA446	29			168	9			DB22C0	01	CN062A	01	1	TQ2	E4		31B				
11251		XA446	29		XA446	24			168	9			DB22C0	02	C403EA	01	3	TT3	C2		14B				
11252		XA446	24		XA446	23			168	9			DB22C0	03	C400EA	01	2	TT3	B1		13A				
													****	SIGNAL	DB22C0	S ON THE NEXT PAGE ****									

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DRAWING NUMBER		149011-800		STRING		UNIT ASSEMBLY NO		149011		REV		D		INDEX		DB 22C0								
UNIT ASSEMBLY NAME		CARD CAGE ASSY, CPU R.H.				FILE IDENT		T3982CP2		DATE		09-03-82		PAGE		249								
RECORD NUMBER	FROM				TO				WIRE				SIGNAL	SEQ NO	EQUATION	TERM	E FACT	CKT OR CHIP TYPE	GROUP	LOAD OR POWER PLANE	TEST POINTS AND/OR	SIGNAL DESCRIPTION	ECO NO	
	PREFIX	CONNECTOR	PIN	WIRE NO	PREFIX	CONNECTOR	PIN	WIRE NO	MULTI GROUP	CODE	COLOR	IDENT												WIRE NO
11253	XA446	23		XA446	18				168	9				DB22C0	04	C402EA	01	2	TT3	B3		11B		
11254	XA446	18		XA444	25				168	9				DB22C0	05	C401EA	01	1	TT3	B2		10A		
11255	XA444	25		XA324	30				168	9				DB22C0	06	C414CA	01	2	TQ2	B4		12B		
11256	XA324	30		XA124	43				168	9				DB22C0	07	DB22C0	00	1	TQ2	C2		15A		
11257	XA124	43		XA121	24				168	9				DB22C0	08	CL061A	01	2	TQ2	D3		23B		
11258	XA121	24							168	9				DB22C0	09	DELUUA	01	2	TS8	B1		13A		
11255	XA319	19		XA320	39				168	9				DB22DB	01	DELUZA	01	7	TS8	B1		09B	DATA BUS- 22	
11260	XA320	39		XA322	36				168	9				DB22DB	02				RR4	D5				
11261	XA322	36		XA324	34				168	9				DB22DB	03	DB22P0	01	1	TQ2	C2		17A	DATA BUS- 22	
11262	XA324	34		XA325	30				168	9				DB22DB	04	DB22C0	01	2	TQ2	C2		16A	DATA BUS- 22	
11263	XA325	30		XA326	30				168	9			P	DC22C0	05	DB22DB	01	1	TLD	C2		15A		
11264	XA326	30		XA327	30				168	9			P	DC22LD	06	DB22DB	02	1	TLD	C2		15A		
11265	XA327	30		XA328	30				168	9			P	DC22ND	07	DB22DB	03	1	TLD	C2		15A		
11266	XA328	30		XA329	30				168	9			P	DP22QD	08	DB22DB	05	1	TLD	C2		15A	T	
11267	XA329	30		XA330	30				168	9			P	DP22TD	09	DB22DB	06	1	TLD	C2		15A		
11268	XA330	30		XA350	47				168	9			P	DP22UD	10	DB22DB	04	1	TLD	C2		15A		
21786	XA350	47							168	9				DB22DB	11				EXT					
11272	XA501	07		XA506	22				168	9				DB22PA	01	PA02G0	01	2	TQ2	A3		03A		
11273	XA506	22		XA502	01				168	9				DB22PA	02	PA01E0	01	3	TD4	B1		12A		
11274	XA502	01		XA323	30				168	9				DB22PA	03	PA00C0	01	6	TS8	A1		02B		
11275	XA323	30							168	9				DB22PA	04	DB22PA	00	1	TQ2	C2		15A		
11280	XA501	29		XA323	36				168	9				DB22P0	01	PA03HA	01	1	TQ2	C3		14B		
11281	XA323	36		XA322	30				168	9				DB22P0	02	DB22PA	01	1	TQ2	C2		17A		
11282	XA322	30							168	9				DB22P0	03	DB22P0	00	1	TQ2	C2		15A		
11287	XA531	74		XA324	38				168	9				DB23C0	01	CN072A	01	2	TQ2	F3		35B		
11288	XA324	38		XA124	49				168	9				DB23C0	02	DB23C0	00	1	TQ2	C1		18A		
11289	XA124	49		XA121	19				168	9				DB23C0	03	CL071A	01	2	TQ2	D4		26B		
11290	XA121	19							168	9				DB23C0	04	DELUUA	01	7	TS8	B1		09B		
11291	XA319	14		XA320	38				168	9				DB23DB	01	DELUZA	01	6	TS8	B1		09A	DATA BUS- 23	
11292	XA320	38		XA322	42				168	9				DB23DB	02				RR4	C2				
11293	XA322	42		XA324	40				168	9				DB23DB	03	DB23P0	01	1	TQ2	C1		20A	DATA BUS- 23	
11294	XA324	40		XA325	38				168	9				DB23DB	04	DB23C0	01	2	TQ2	C1		19A	DATA BUS- 23	
11295	XA325	38		XA326	38				168	9			P	DC23C0	05	DB23DB	01	1	TLD	C1		18A		
11296	XA326	38		XA327	38				168	9			P	DC23LD	06	DB23DB	02	1	TLD	C1		18A		
11297	XA327	38		XA328	38				168	9			P	DC23ND	07	DB23DB	03	1	TLD	C1		18A		
11298	XA328	38		XA329	38				168	9			P	DP23QD	08	DB23DB	05	1	TLD	C1		18A	T	
11299	XA329	38		XA330	38				168	9			P	DP23TD	09	DB23DB	06	1	TLD	C1		18A		
11300	XA330	38		XA350	49				168	9			P	DP23UD	10	DB23DB	04	1	TLD	C1		18A		
21788	XA350	49							168	9				DB23DB	11				EXT					
11304	XA501	03		XA506	26				168	9				DB23PA	01	PA02G0	01	1	TQ2	A3		02A		
11305	XA506	26		XA506	40				168	9				DB23PA	02	PA01E0	01	1	TD4	B1		14A		
11306	XA506	40		XA502	07				168	9				DB23PA	03	PA03J0	01	2	TD4	C1		19A		
11307	XA502	07		XA323	38				168	9				DB23PA	04	PA00C0	01	7	TS8	A1		03A		
11308	XA323	38							168	9				DB23PA	05	DB23PA	00	1	TQ2	C1		18A		

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DRAWING NUMBER 149011-800
 UNIT ASSEMBLY NAME CARD CAGE ASSY, CPU R.H.

STRING

UNIT ASSEMBLY NO. 149011
 FILE IDENT T39B2CP2

REV D INDEX DB23PA
 DATE 09-03-82 PAGE 250

RECORD NUMBER	FROM				TO				WIRE				SIGNAL	SEQ NO	EQUATION	3 TERM	5 FACT	CKT ON CHIP TYPE	PROP	LOAD OR POWER PLANE	TEST POINTS AND OR	SIGNAL DESCRIPTION	ECO NO		
	PREFIX	CONNECTOR	PIN	C/S	PREFIX	CONNECTOR	PIN	C/S	MULTI GROUP	CODE	COLOR	IDENT												PC INST	WIRE
11311		XA323	40			XA322	38			168	9			DB23P0	01	DB23PA	01	2	TQ2	C1		19A			
11312		XA322	38							168	9			DB23P0	02	DB23P0	00	1	TQ2	C1		18A			
11315		XA529	47			XA324	27			168	9			DB24C0	01	CN082A	01	1	TQ2	D4		25B			
11316		XA324	27			XA124	70			168	9			DB24C0	02	DB24C0	00	1	TQ2	B4		13B			
11317		XA124	70			XA121	38			168	9			DB24C0	03	CL081A	01	1	TQ2	E1		33A			
11318		XA121	38							168	9			DB24C0	04	DELLUA	01	3	TS8	C1		18A			
11319		XA319	13			XA320	37			168	9			DB24DB	01	DELLZA	01	8	TS8	A1		06B	DATA BUS- 24		
11320		XA320	37			XA322	23			168	9			DB24DB	02				RR4	D4					
11321		XA322	23			XA324	25			168	9			DB24DB	03	DB24P0	01	1	TQ2	B4		11B	DATA BUS- 24		
11322		XA324	25			XA325	27			168	9			DB24DB	04	DB24C0	01	2	TQ2	B4		12B	DATA BUS- 24		
11323		XA325	27			XA326	27			168	9	P		DC24CD	05	DB24DB	01	1	TLD	B4		13B			
11324		XA326	27			XA327	27			168	9	P		DC24LD	06	DB24DB	02	1	TLD	B4		13B			
11325		XA327	27			XA328	27			168	9	P		DC24ND	07	DB24DB	03	1	TLD	B4		13B			
11326		XA328	27			XA329	27			168	9	P		DP24QD	08	DB24DB	05	1	TLD	B4		13B	T		
11327		XA329	27			XA330	27			168	9	P		DP24TD	09	DB24DB	06	1	TLD	B4		13B	TTENT PRUG REG DRW		
11328		XA330	27			XA350	51			168	9	P		DP24UD	10	DB24DB	04	1	TLD	B4		13B			
21790		XA350	51							168	9	P		DB24DB	11				EXT						
11332		XA501	11			XA506	05			168	9			DB24PA	01	PA02H0	01	1	TQ2	A4		05B			
11333		XA506	05			XA323	27			168	9			DB24PA	02	PA01D0	01	2	TD4	A2		03B			
11334		XA323	27							168	9			DB24PA	03	DB24PA	00	1	TQ2	B4		13B			
11339		XA501	49			XA503	29			168	9			DB24P0	00	PL088A	01	2	TQ2	D4		26B			
11339		XA503	29			XA322	27			168	9			DB24P0	01	PA03KA	01	1	TQ2	C3		14B			
11340		XA322	27			XA323	25			168	9			DB24P0	02	DB24P0	00	1	TQ2	B4		13B			
11341		XA323	25							168	9			DB24P0	03	DB24PA	01	2	TQ2	B4		12B			
11344		XA529	62			XA324	21			168	9			DB25C0	01	CN092A	01	2	TQ2	E2		29A			
11345		XA324	21			XA124	64			168	9			DB25C0	02	DB25C0	00	1	TQ2	B3		10B			
11346		XA124	64			XA121	42			168	9			DB25C0	03	CL091A	01	1	TQ2	E2		30A			
11347		XA121	42							168	9			DB25C0	04	DELLUA	01	1	TS8	C1		20A			
11348		XA319	06			XA320	36			168	9			DB25DB	01	DELLZA	01	3	TS8	A1		05A	DATA BUS- 25		
11348		XA320	36			XA322	17			168	9			DB25DB	02				RR4	C1					
11350		XA322	17			XA324	19			168	9			DB25DB	03	DB25P0	01	1	TQ2	B3		08B	DATA BUS- 25		
11351		XA324	19			XA325	21			168	9			DB25DB	04	DB25C0	01	2	TQ2	B3		09B	DATA BUS- 25		
11352		XA325	21			XA326	21			168	9	P		DC25CD	05	DB25DB	01	1	TLD	B3		10B			
11353		XA326	21			XA327	21			168	9	P		DC25LD	06	DB25DB	02	1	TLD	B3		10B			
11354		XA327	21			XA328	21			168	9	P		DC25ND	07	DB25DB	03	1	TLD	B3		10B			
11355		XA328	21			XA329	21			168	9	P		DP25QD	08	DB25DB	05	1	TLD	B3		10B	T		
11356		XA329	21			XA330	21			168	9	P		DP25TD	09	DB25DB	06	1	TLD	B3		10B			
11357		XA330	21			XA350	53			168	9	P		DP25UD	10	DB25DB	04	1	TLD	B3		10B			
21792		XA350	53							168	9	P		DB25DB	11				EXT						
11361		XA501	56			XA504	24			168	9			DB25PA	01	PA03M0	01	1	TQ2	D1		26A			
11362		XA504	24			XA504	25			168	9			DB25PA	02	PA03LA	01	2	TT3	B1		13A			
													****	SIGNAL	DB25PA	IS ON THE NEXT PAGE ****									

DRAWING NUMBER		149011-800		STRING		UNIT ASSEMBLY NO.		149011		REV		D		INDEX		DB25PA				
UNIT ASSEMBLY NAME		CARD CAGE ASSY,CPU R.H.		FILE IDENT		T39B2CP2		DATE		09-03-82		PAGE		251						
RECORD NUMBER	FROM			TO			WIRE			SIGNAL	SFO NO	EQUATION	2	E	C	M	LOAD	TEST	SIGNAL	ECO
	PREFIX	CONNECTOR	PIN	PREFIX	CONNECTOR	PIN	MULTI GROUP	CODE	COL IN											
11363	XA504	25		XA501	13		168	9		DB25PA	03	PA03P0	01	3	YF3	B3		12B		
11364	XA501	13		XA506	07		168	9		DB25PA	04	PA02H0	01	2	TQ2	A4		04B		
11365	XA506	07		XA323	21		168	9		DB25PA	05	PA01D0	01	4	YD4	A2		03A		
11366	XA323	21					54D	9		DB25PA	06	DB25PA	00	1	TQ2	B3		10B		
11369	XA323	17		XA322	21		168	9		DB25P0	01	DB25PA	01	1	TQ2	B3		08B		
11370	XA322	21		XA505	25		168	9		DB25P0	02	DB25P0	00	1	TQ2	B3		10B		
15510	XA505	25					168	9		DB25P0	03	PL099A	01	2	TQ2	B4		12B		
11373	XA529	77		XA324	14		168	9		DB26C0	01	CN102A	01	2	TQ2	F1		38B		
11374	XA324	14		XA217	40		168	9		DB26C0	02	DB26C0	00	1	TQ2	B2		09A		
11375	XA217	40		XA124	53		168	9		DB26C0	03	CK001A	01	2	TT3	C1		19A		
11376	XA124	53		XA121	40		168	9		DB26C0	04	CL101A	01	1	TQ2	E3		28B		
11377	XA121	40					168	9		DB26C0	05	DELLUA	01	2	TS8	C1		19A		
11378	XA319	08		XA320	35		168	9		DB26DB	01	DELLZA	01	2	TS8	A1		06A	DATA BUS-	26
11379	XA320	35		XA322	18		168	9		DB26DB	02	DB26DB	01	1	RR4	D3				
11380	XA322	18		XA324	20		168	9		DB26DB	03	DB26P0	01	2	TQ2	B2		10A	DATA BUS-	26
11381	XA324	20		XA325	14		168	9		DB26DB	04	DB26C0	01	1	TQ2	B2		11A	DATA BUS-	26
11382	XA325	14		XA326	14		168	9	P	DC26CD	05	DB26DB	01	1	TLD	B2		09A		
11383	XA326	14		XA327	14		168	9	P	DC26KD	06	DB26DB	02	1	TLD	B2		09A	CK DRV TO DATA BU	
11384	XA327	14		XA328	14		168	9	P	DC26LD	07	DB26DB	03	1	TLD	B2		09A		
11385	XA328	14		XA329	14		168	9	P	DC26ND	08	DB26DB	04	1	TLD	B2		09A		
11386	XA329	14		XA331	14		168	9	P	DC26XD	09	DB26DB	05	1	TLD	B2		09A	CNSTS +43,+60 TO	
11387	XA331	14		XA332	14		168	9	P	DP26QD	10	DB26DB	06	1	TLD	B2		09A		
11388	XA332	14		XA330	14		168	9	P	DP26TD	11	DB26DB	07	1	TLD	B2		09A	TTENT PROG REG DRV	
11389	XA330	14		XA350	55		168	9	P	DP26LD	12	DB26DB	08	1	TLD	B2		09A	TAPL PRL DRIVERS Y	
21794	XA350	55					168	9		DB26DB	13				EXT					
11393	XA501	24		XA506	04		168	9		DB26PA	01	PA02K0	01	2	TQ2	B1		13A		
11394	XA506	04		XA323	14		168	9		DB26PA	02	PA01D0	01	1	YD4	A2		04A		
11395	XA323	14					168	9		DB26PA	03	DB26PA	00	1	TQ2	B2		09A		
11400	XA322	14		XA323	20		168	9		DB26P0	01	DB26P0	00	1	TQ2	B2		09A		
11401	XA323	20		XA504	22		168	9		DB26P0	02	DB26PA	01	1	TQ2	B2		11A		
11402	XA504	22		XA507	59		168	9		DB26P0	03	PA03LA	01	3	TT3	B1		12A		
11403	XA507	59					168	9		DB26P0	04	PT021A	01	1	TQ2	E4		31B		
11408	XA529	74		XA444	36		168	9		DB27C0	01	CN112A	01	2	TQ2	F3		39B		
11409	XA444	36		XA324	22		168	9		DB27C0	02	C415CA	01	1	TQ2	C2		17A		
11410	XA324	22		XA217	34		168	9		DB27C0	03	DB27C0	00	1	TQ2	B1		12A		
11411	XA217	34		XA124	59		168	9		DB27C0	04	CK011A	01	1	TT3	C2		16A		
11412	XA124	59		XA121	36		168	9		DB27C0	05	CL111A	01	1	TQ2	E4		31B		
11413	XA121	36					168	9		DB27C0	06	DELLUA	01	4	TS8	C1		17A		
11414	XA319	10		XA320	29		168	9		DB27DB	01	DELLZA	01	1	TS8	A1		07A	DATA BUS-	27
11415	XA320	29		XA322	24		168	9		DB27DB	02				RR4	C5				
11416	XA322	24		XA324	26		168	9		DB27DB	03	DB27P0	01	2	TQ2	B1		13A	DATA BUS-	27
11417	XA324	26		XA325	22		168	9		DB27DB	04	DB27C0	01	1	TQ2	B1		14A	DATA BUS-	27
11418	XA325	22		XA326	22		168	9	P	DC27CD	05	DB27DB	09	1	TLD	B1		12A		
									****	SIGNAL	DB27DB				IS ON THE	NEXT PAGE	****			

DRAWING NUMBER		149011-800		STRING		UNIT ASSEMBLY NO		149011		REV D		INDEX		DB29C0						
UNIT ASSEMBLY NAME		CARD CAGE ASSY,CPU R.H.				FILE IDENT		T3982CP2		DATE		09-03-82		PAGE		253				
RECORD NUMBER	FROM			TO			WIRE			SIGNAL	SEQ NO	EQUATION	TEST POINT	FACTORY	CKT OR CHG TYPE	GROUP	LOAD OR POWER PLANE	TEST POINTS AND/OR	SIGNAL DESCRIPTION	ECO NO
	PREFIX	CONNECTOR	PIN	PREFIX	CONNECTOR	PIN	WIRE NO	CODE	COLOR											
11480		XA444	35		XA324	09		168	9		DB29C0	02	C417CA	01	1	TQ2	C4	178		
11481		XA324	09		XA217	52		168	9		DB29C0	03	DB29C0	00	1	TQ2	A3	048		
11482		XA217	52		XA124	71		168	9		DB29C0	04	CK031A	01	3	TY3	D1	24A		
11483		XA124	71		XA121	31		168	9		DB29C0	05	CL131A	01	2	TQ2	F2	36A		
11484		XA121	31					168	9		DB29C0	06	DELLUA	01	7	YS8	C1	158		
11485		XA319	05		XA320	25		168	9		DB29DB	01	DELLZA	01	5	YS8	A1	038	DATA BUS-	29
11486		XA320	25		XA322	07		168	9		DB29DB	02				RR4	C4			
11487		XA322	07		XA324	03		168	9		DB29DB	03	DB29P0	01	2	TQ2	A3	03A	DATA BUS-	29
11488		XA324	03		XA325	09		168	9		DB29DB	04	DB29C0	01	1	TQ2	A3	02A	DATA BUS-	29
11485		XA325	09		XA326	09		168	9	P	DC29CD	05	DB29DB	01	1	TLD	A3	048		
11490		XA326	09		XA327	09		168	9	P	DC29HD	06	DB29DB	02	1	TLD	A3	048		
11491		XA327	09		XA328	09		168	9	P	DC29KD	07	DB29DB	03	1	TLD	A3	048		
11492		XA328	09		XA329	09		168	9	P	DC29LD	08	DB29DB	04	1	TLD	A3	048		
11493		XA329	09		XA330	09		168	9	P	DC29ND	09	DB29DB	05	1	TLD	A3	048		
11494		XA330	09		XA331	09		168	9	P	DC29XD	10	DB29DB	06	1	TLD	A3	048	CNSTS +36,+60 TO	
11495		XA331	09		XA332	09		168	9	P	DP29LD	11	DB29DB	09	1	TLD	A3	048		
11496		XA332	09		XA333	09		168	9	P	DP29QD	12	DB29DB	08	1	TLD	A3	048	T	
11497		XA333	09		XA350	61		168	9	P	DP29TD	13	DB29DB	07	1	TLD	A3	048		
21800		XA350	61					168	9		DB29DB	14				EXT				
11501		XA503	25		XA504	21		168	9		DB29PA	01	PA02L0	01	2	TQ2	B4	128		
11502		XA504	21		XA323	09		168	9		DB29PA	02	PA03P0	01	1	TY3	B3	108		
11503		XA323	09					168	9		DB29PA	03	DB29PA	00	1	TQ2	A3	048		
11508		XA323	07		XA322	09		168	9		DB29P0	01	DB29PA	01	2	TQ2	A3	03A		
11509		XA322	09		XA505	77		168	9		DB29P0	02	DB29P0	00	1	TQ2	A3	048		
11510		XA505	77					168	9		DB29P0	03	PT051A	01	2	TQ2	F1	388		
11515		XA529	78		XA444	56		168	9		DB30C0	01	CN142A	01	2	TQ2	F4	38A		
11516		XA444	56		XA324	01		168	9		DB30C0	02	C418CA	01	1	TQ2	D1	26A		
11517		XA324	01		XA217	48		168	9		DB30C0	03	DB30C0	00	1	TQ2	A2	028		
11518		XA217	48		XA124	65		168	9		DB30C0	04	CK041A	01	1	TY3	D2	22A		
11519		XA124	65		XA121	34		168	9		DB30C0	05	CL141A	01	1	TQ2	F3	348		
11520		XA121	34					168	9		DB30C0	06	DELLUA	01	5	YS8	C1	16A		
11521		XA319	07		XA320	24		168	9		DB30DB	01	DELLZA	01	7	YS8	A1	03A	DATA BUS-	30
11522		XA320	24		XA322	04		168	9		DB30DB	02				RR4	B3			
11523		XA322	04		XA324	05		168	9		DB30DB	03	DB30P0	01	1	TQ2	A2	04A	DATA BUS-	30
11524		XA324	05		XA325	01		168	9		DB30DB	04	DB30C0	01	2	TQ2	A2	038	DATA BUS-	30
11525		XA325	01		XA326	01		168	9	P	DC30CD	05	DB30DB	01	1	TLD	A2	028		
11526		XA326	01		XA327	01		168	9	P	DC30HD	06	DB30DB	02	1	TLD	A2	028		
11527		XA327	01		XA328	01		168	9	P	DC30KD	07	DB30DB	03	1	TLD	A2	028		
11528		XA328	01		XA329	01		168	9	P	DC30LD	08	DB30DB	04	1	TLD	A2	028		
11529		XA329	01		XA330	01		168	9	P	DC30ND	09	DB30DB	05	1	TLD	A2	028		
11530		XA330	01		XA331	01		168	9	P	DC30XD	10	DB30DB	06	1	TLD	A2	028	CNSTS +36,+43,+60	
11531		XA331	01		XA332	01		168	9	P	DP30LD	11	DB30DB	09	1	TLD	A2	028		
11532		XA332	01		XA333	01		168	9	P	DP30QD	12	DB30DB	08	1	TLD	A2	028	T	
11533		XA333	01		XA350	63		168	9	P	DP30TD	13	DB30DB	07	1	TLD	A2	028		
21802		XA350	63					168	9		DB30DB	14				EXT				

DRAWING NUMBER 149011-800
 UNIT ASSEMBLY NAME CARD CAGE ASSY, CPU R.H.

STRING

UNIT ASSEMBLY NO. 149011
 FILE IDENT T3982CP2

REV D INDEX DB3008
 DATE 09-03-82 PAGE 254

RECORD NUMBER	FROM				TO				WIRE				SIGNAL	SEQ NO	EQUATION	TER	S	CKT OR CHIP TYPE	GROUP	LOAD OR POWER PLANE	TEST POINTS		SIGNAL DESCRIPTION	ECO NO
	PREFIX	CONNECTOR	PIH	WIRE	PREFIX	CONNECTOR	PIH	WIRE	MULTI GROUP	CODE	COLOR	IDENT									AND	OR		
11539		XA322	01			XA504	42				168	9		DB30P0	01	DB30P0	00	1	TQ2	A2		02B		
11540		XA504	42			XA505	74				168	9		DB30P0	02	PA03QA	01	1	TT3	C1		20A		
11541		XA505	74								168	9		DB30P0	03	PT061A	01	2	TQ2	F3		32B		
11544		XA327	47			XA324	06				168	9		DB31C0	01	CN152A	01	1	TQ2	04		23B		
11545		XA324	06			XA217	45				168	9		DB31C0	02	DB31C0	00	1	TQ2	A1		09A		
11546		XA217	45			XA121	30				168	9		DB31C0	03	CK051A	01	1	TT3	D3		24B		
11547		XA121	30								168	9		DB31C0	04	DELLUA	01	6	TS0	C1		19A		
11548		XA319	01			XA320	23				168	9		DB31D8	01	DELLZA	01	6	TS0	A1		02B	DATA BUS- 31	
11549		XA320	23			XA322	08				168	9		DB31D8	02				RR4	C3				
11550		XA322	08			XA324	10				168	9		DB31D8	03	DB31P0	01	2	TQ2	A1		06A	DATA BUS- 31	
11551		XA324	10			XA325	06				168	9		DB31D8	04	DB31C0	01	1	TQ2	A1		07A	DATA BUS- 31	
11552		XA325	06			XA326	06				168	9	P	DC31C0	05	DB31D8	01	1	TLD	A1		05A		
11553		XA326	06			XA327	06				168	9	P	DC31ND	06	DB31D8	02	1	TLD	A1		05A		
11554		XA327	06			XA328	06				168	9	P	DC31KD	07	DB31D8	03	1	TLD	A1		05A		
11555		XA328	06			XA329	06				168	9	P	DC31LD	08	DB31D8	04	1	TLD	A1		05A	CNST +43 TO DB263	
11556		XA329	06			XA330	06				168	9	P	DC31ND	09	DB31D8	05	1	TLD	A1		05A		
11557		XA330	06			XA331	06				168	9	P	DE31TD	10	DB31D8	06	1	TLD	A1		05A	CNST +1 TO DB31 I	
11558		XA331	06			XA332	06				168	9	P	DP31LD	11	DB31D8	09	1	TLD	A1		05A		
11559		XA332	06			XA333	06				168	9	P	DP31QD	12	DB31D8	08	1	TLD	A1		05A		
11560		XA333	06			XA350	65				168	9	P	DP31TD	13	DB31D8	07	1	TLD	A1		05A		
21804		XA350	65								168	9		DB31D8	14				EXT					
11566		XA322	06			XA507	76				168	9		DB31P0	01	DB31P0	00	1	TQ2	A1		05A		
11567		XA507	76								168	9		DB31P0	02	PT071A	01	1	TQ2	F4		37A		
11568		XA325	80										J	DC00ND	01	DC00ND	00	1	TLD	F4		39A	DB00DB BUSS	
11569		XA326	80										J	DC00RD	01	DC00RD	00	1	TLD	F4		39A	DB00DB BUSS	
11570		XA327	80										J	DC00SD	01	DC00SD	00	1	TLD	F4		39A	DB00DB BUSS	
11571		XA325	69										J	DC01ND	01	DC01ND	00	1	TLD	F3		35A	DB01DB BUSS	
11572		XA326	69										J	DC01RD	01	DC01RD	00	1	TLD	F3		35A	DB01DB BUSS	
11573		XA327	69										J	DC01SD	01	DC01SD	00	1	TLD	F3		35A	DB01DB BUSS	
11574		XA325	72										J	DC02ND	01	DC02ND	00	1	TLD	F2		34A	DB02DB BUSS	
11575		XA326	72										J	DC02RD	01	DC02RD	00	1	TLD	F2		34A	DB02DB BUSS	
11576		XA327	72										J	DC02SD	01	DC02SD	00	1	TLD	F2		34A	DB02DB BUSS	
11577		XA325	75										J	DC03ND	01	DC03ND	00	1	TLD	F1		37B	DB03DB BUSS	
11578		XA326	75										J	DC03RD	01	DC03RD	00	1	TLD	F1		37B	DB03DB BUSS	

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DRAWING NUMBER 149011-800
 UNIT ASSEMBLY NAME CARD CAGE ASSY,CPU R.H.

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UNIT ASSEMBLY NO 149011
 FILE IDENT T39B2CP2

REV D INDEX DC03RD
 DATE 09-03-82 PAGE 255

RECORD NUMBER	FROM				TO				WIRE				SIGNAL	SEQ NO	EQUATION	TERM	FACTOR	CKT OR CHIP TYPE	GROUP	LOAD OR POWER PLANE	TEST POINTS AND OP	SIGNAL DESCRIPTION	ECO NO	
	PREFIX	CONNECTOR	PIN	POS	PREFIX	CONNECTOR	PIN	POS	MULTI GROUP	CODE	COLOR	IDENT												
11579		XA327	75									J	DC03SD	01	DC03SD	00	1	YLD	F1		37B	DB03DB BUSS		
11580		XA325	63									J	DC04ND	01	DC04ND	00	1	YLD	E4		33B	DB04DB BUSS		
11581		XA326	63									J	DC04RD	01	DC04RD	00	1	YLD	E4		33B	DB04DB BUSS		
11582		XA327	63									J	DC04SD	01	DC04SD	00	1	TLD	E4		33B	DB04DB BUSS		
11583		XA325	57									J	DC05ND	01	DC05ND	00	1	TLD	E3		30B	DB05DB BUSS		
11584		XA326	57									J	DC05RD	01	DC05RD	00	1	YLD	E3		30B	DB05DB BUSS		
11585		XA327	57									J	DC05SD	01	DC05SD	00	1	TLD	E3		30B	DB05DB BUSS		
11586		XA325	60									J	DC06ND	01	DC06ND	00	1	TLD	E2		28A	DB06DB BUSS		
11587		XA326	60									J	DC06RD	01	DC06RD	00	1	YLD	E2		28A	DB06DB BUSS		
11588		XA327	60									J	DC06SD	01	DC06SD	00	1	TLD	E2		28A	DB06DB BUSS		
11589		XA325	66									J	DC07ND	01	DC07ND	00	1	TLD	E1		31A	DB07DB BUSS		
11590		XA326	66									J	DC07RD	01	DC07RD	00	1	YLD	E1		31A	DB07DB BUSS		
11591		XA327	66									J	DC07SD	01	DC07SD	00	1	TLD	E1		31A	DB07DB BUSS		
11592		XA328	80									J	DC08ND	01	DC08ND	00	1	YLD	F4		39A	DB28DB BUSS		
11593		XA329	80									J	DC08SD	01	DC08SD	00	1	TLD	F4		39A	DB08DB BUSS		
11594		XA328	69									J	DC09ND	01	DC09ND	00	1	TLD	F3		39A	DB09DB BUSS		
11595		XA329	69									J	DC09SD	01	DC09SD	00	1	YLD	F3		39A	DB09DB BUSS		
11596		XA328	72									J	DC10ND	01	DC10ND	00	1	YLD	F2		34A	DB10DB BUSS		
11597		XA329	72									J	DC10SD	01	DC10SD	00	1	TLD	F2		34A	DB10DB BUSS		
11598		XA328	75									J	DC11ND	01	DC11ND	00	1	TLD	F1		37B	DB11DB BUSS		
11599		XA329	75									J	DC11SD	01	DC11SD	00	1	YLD	F1		37B	DB11DB BUSS		
11600		XA328	63									J	DC12ND	01	DC12ND	00	1	TLD	E4		33B	DB12DB BUSS		
11601		XA329	63									J	DC12SD	01	DC12SD	00	1	TLD	E4		33B	DB12DB BUSS		
11602		XA328	57									J	DC13ND	01	DC13ND	00	1	YLD	E3		30B	DB13DB BUSS		
													****	SIGNAL	DC13SD								IS ON THE NEXT PAGE ****	

DRAWING NUMBER 149011-800
 UNIT ASSEMBLY NAME CARD CAGE ASSY,CPU R.H.

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UNIT ASSEMBLY NO 149011
 FILE IDENT T3982CP2

REV D INDEX DC1350
 DATE 09-33-82 PAGE 256

RECORD NUMBER	FROM				TO				WIRE				SIGNAL	SEQ NO	EQUATION	TERM	FAC	CST OR CHIP TYPE	GROUP	LOAD OR POWER PLANE	TEST POINTS AND/OR	SIGNAL DESCRIPTION	ECO NO
	PREFIX	CONNECTOR	PIN	2 8	PREFIX	CONNECTOR	PIN	2 8	MULTI GROUP	CODE	COLOR	IDENT											
11603		XA329	57									J	DC135D	01	DC135D	00	1	TLD	E3		30B	DB130B BUSS	
11604		XA328	60									J	DC14ND	01	DC14ND	00	1	TLD	E2		28A	DB140B BUSS	
11605		XA328	66									J	DC15ND	01	DC15ND	00	1	TLD	E1		31A	DB150B BUSS	
11606		XA329	51									J	DC16CD	01	DC16CD	00	1	TLD	D4		27B	DB160B BUSS	
11607		XA326	51									J	DC16LD	01	DC16LD	00	1	TLD	D4		27B	DB160B BUSS	
11608		XA327	51									J	DC16ND	01	DC16ND	00	1	TLD	D4		27B	DB160B BUSS	
11609		XA329	45									J	DC17CD	01	DC17CD	00	1	TLD	D3		24B	DB170B BUSS	
11610		XA326	45									J	DC17LD	01	DC17LD	00	1	TLD	D3		24B	DB170B BUSS	
11611		XA327	45									J	DC17ND	01	DC17ND	00	1	TLD	D3		24B	DB170B BUSS	
11612		XA329	46									J	DC18CD	01	DC18CD	00	1	TLD	D2		21A	DB180B BUSS	
11613		XA326	46									J	DC18LD	01	DC18LD	00	1	TLD	D2		21A	DB180B BUSS	
11614		XA327	46									J	DC18ND	01	DC18ND	00	1	TLD	D2		21A	DB180B BUSS	
11615		XA329	52									J	DC19CD	01	DC19CD	00	1	TLD	D1		24A	DB190B BUSS	
11616		XA326	52									J	DC19LD	01	DC19LD	00	1	TLD	D1		24A	DB190B BUSS	
11617		XA327	52									J	DC19ND	01	DC19ND	00	1	TLD	D1		24A	DB190B BUSS	
11618		XA329	39									J	DC20CD	01	DC20CD	00	1	TLD	C4		19B	DB200B BUSS	
11619		XA326	39									J	DC20LD	01	DC20LD	00	1	TLD	C4		19B	DB200B BUSS	
11620		XA327	39									J	DC20ND	01	DC20ND	00	1	TLD	C4		19B	DB200B BUSS	
11621		XA329	33									J	DC21CD	01	DC21CD	00	1	TLD	C3		16B	DB210B BUSS	
11622		XA326	33									J	DC21LD	01	DC21LD	00	1	TLD	C3		16B	DB210B BUSS	
11623		XA327	33									J	DC21ND	01	DC21ND	00	1	TLD	C3		16B	DB210B BUSS	
11624		XA329	30									J	DC22CD	01	DC22CD	00	1	TLD	C2		15A	DB220B BUSS	
11625		XA326	30									J	DC22LD	01	DC22LD	00	1	TLD	C2		15A	DB220B BUSS	
11626		XA327	30									J	DC22ND	01	DC22ND	00	1	TLD	C2		15A	DB220B BUSS	
11627		XA329	38									J	DC23CD	01	DC23CD	00	1	TLD	C1		18A	DB230B BUSS	
													*** SIGNAL DC23LD IS ON THE NEXT PAGE ***										

DRAWING NUMBER 149011-800
 UNIT ASSEMBLY NAME CARD CAGE ASSY, CPU R.H.

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UNIT ASSEMBLY NO 149011
 FILE IDENT T3982CP2

REV D INDEX DC23LD
 DATE 09-03-82 PAGE 257

RECORD NUMBER	FROM			TO				WIRE				SIGNAL	SEQ NO	EQU TION	TER 3	FACTOR	CAT 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												
11628		XA326	38								J	DC23LD	01	DC23LD	00	1	TLD	C1		18A	DB23DB BUSS	
11629		XA327	38								J	DC23ND	01	DC23ND	00	1	TLD	C1		18A	DB23DB BUSS	
11630		XA325	27								J	DC24CD	01	DC24CD	00	1	TLD	B4		13B	DB24DB BUSS	
11631		XA326	27								J	DC24LD	01	DC24LD	00	1	TLD	B4		13B	DB24DB BUSS	
11632		XA327	27								J	DC24ND	01	DC24ND	00	1	TLD	B4		13B	DB24DB BUSS	
11633		XA325	21								J	DC25CD	01	DC25CD	00	1	TLD	B3		10B	DB25DB BUSS	
11634		XA326	21								J	DC25LD	01	DC25LD	00	1	TLD	B3		10B	DB25DB BUSS	
11635		XA327	21								J	DC25ND	01	DC25ND	00	1	TLD	B3		10B	DB25DB BUSS	
11636		XA325	14								J	DC26CD	01	DC26CD	00	1	TLD	B2		09A	DB26DB BUSS	
11637		XA326	14								J	DC26KD	01	DC26KD	00	1	TLD	B2		09A	DB26DB BUSS	
11638		XA327	14								J	DC26LD	01	DC26LD	00	1	TLD	B2		09A	DB26DB BUSS	
11639		XA328	14								J	DC26ND	01	DC26ND	00	1	TLD	B2		09A	DB26DB BUSS	
11640		XA329	14								J	DC26XD	01	DC26XD	00	1	TLD	B2		09A	DB26DB BUSS	
11643		XA415	38		XA329	20			16B	9		DC26X0	01	DC26X0	03	1	TQ2	C1		18A		
11644		XA329	20						16B	9		DC26X0	02	DC26X0	01	1	TLD	B2		11A		
11645		XA325	22								J	DC27CD	01	DC27CD	00	1	TLD	B1		12A	DB27DB BUSS	
11646		XA326	22								J	DC27KD	01	DC27KD	00	1	TLD	B1		12A	DB27DB BUSS	
11647		XA327	22								J	DC27LD	01	DC27LD	00	1	TLD	B1		12A	DB27DB BUSS	
11648		XA328	22								J	DC27ND	01	DC27ND	00	1	TLD	B1		12A	DB27DB BUSS	
11649		XA329	22								J	DC27XD	01	DC27XD	00	1	TLD	B1		12A	DB27DB BUSS	
11650		XA415	30		XA329	26			16B	9		DC27X0	01	DC27X0	00	1	TQ2	C2		15A		
11651		XA329	26						16B	9		DC27X0	02	DC27X0	01	1	TLD	B1		14A		
11652		XA325	15								J	DC28CD	01	DC28CD	00	1	TLD	A4		07B	DB28DB BUSS	
11653		XA326	15								J	DC28HD	01	DC28HD	00	1	TLD	A4		07B	DB28DB BUSS	
11654		XA327	15								J	DC28KD	01	DC28KD	00	1	TLD	A4		07B	DB28DB BUSS	
11655		XA328	15								J	DC28LD	01	DC28LD	00	1	TLD	A4		07B	DB28DB BUSS	
											****	SIGNAL	DC28ND							IS ON THE	NEXT PAGE	****

DRAWING NUMBER 149011-800
 UNIT ASSEMBLY NAME CARD CAGE ASSY, CPU R.H.

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UNIT ASSEMBLY NO. 149011
 FILE IDENT T39B2CP2

REV D DATE 09-03-82 INDEX DC28ND
 PAGE 258

RECORD NUMBER	FROM			TO			WIRE				SIGNAL	SEQ NO	EQUATION	E T	E V	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											
11656		XA329	15								J	DC28ND	01	DC28ND	00	1	TLD	A4	078	DB28DB BUSS	
11657		XA330	15								J	DC28XD	01	DC28XD	00	1	TLD	A4	078	DB28DB BUSS	
11660		XA415	33	XA330	13			168	9			DC28XD	01	DC28XD	00	1	TQ2	C3	168		
11661		XA330	13					168	9			DC28XD	02	DC28XD	01	2	TLD	A4	068		
11662		XA410	63	XA415	31			168	9			DC286A	01	DC286A	00	1	TQ2	E4	338		
11663		XA415	31					168	9			DC286A	02	DC286A	01	2	TQ2	C3	158		
11664		XA325	09								J	DC29CD	01	DC29CD	00	1	TLD	A3	048	DB29DB BUSS	
11665		XA326	09								J	DC29HD	01	DC29HD	00	1	TLD	A3	048	DB29DB BUSS	
11666		XA327	09								J	DC29KD	01	DC29KD	00	1	TLD	A3	048	DB29DB BUSS	
11667		XA328	09								J	DC29LD	01	DC29LD	00	1	TLD	A3	048	DB29DB BUSS	
11668		XA329	09								J	DC29ND	01	DC29ND	00	1	TLD	A3	048	DB29DB BUSS	
11669		XA330	09								J	DC29XD	01	DC29XD	00	1	TLD	A3	048	DB29DB BUSS	
11672		XA415	39	XA330	07			168	9			DC29XD	01	DC29XD	00	1	TQ2	C4	198		
11673		XA330	07					168	9			DC29XD	02	DC29XD	01	2	TLD	A3	03A		
11674		XA410	15	XA415	37			168	9			DC296A	01	DC296A	00	1	TQ2	A4	078		
11675		XA415	37					168	9			DC296A	02	DC296A	01	2	TQ2	C4	188		
11676		XA325	01								J	DC30CD	01	DC30CD	00	1	TLD	A2	028	DB30DB BUSS	
11677		XA326	01								J	DC30HD	01	DC30HD	00	1	TLD	A2	028	DB30DB BUSS	
11678		XA327	01								J	DC30KD	01	DC30KD	00	1	TLD	A2	028	DB30DB BUSS	
11679		XA328	01								J	DC30LD	01	DC30LD	00	1	TLD	A2	028	DB30DB BUSS	
11680		XA329	01								J	DC30ND	01	DC30ND	00	1	TLD	A2	028	DB30DB BUSS	
11681		XA330	01								J	DC30XD	01	DC30XD	00	1	TLD	A2	028	DB30DB BUSS	
11684		XA416	74	XA330	04			168	9			DC30XD	01	DC30XD	00	1	TY3	F2	558		
11685		XA330	04					168	9			DC30XD	02	DC30XD	01	1	TLD	A2	04A		
11686		XA416	65	XA415	27			168	9			DC306A	01	DC306A	01	3	TT3	F2	348		
11687		XA415	27					168	9			DC306A	02	DC306A	00	1	TQ2	B4	138	CN5T5 +60 TO +76	
11688		XA325	06								J	DC31CD	01	DC31CD	00	1	TLD	A1	05A	DB31DB BUSS	
11689		XA326	06								J	DC31HD	01	DC31HD	00	1	TLD	A1	05A	DB31DB BUSS	
											****	SIGNAL (DC31KD)		IS ON THE					NEXT PAGE		****

DRAWING NUMBER 149011-800
 UNIT ASSEMBLY NAME CARD CAGE ASSY,CPU R.H.

STRING

UNIT ASSEMBLY NO. 149011
 FILE IDENT T39B2CP2

REV D
 DATE 09-03-82

INDEX DC31KD
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RECORD NUMBER	FROM			TO			WIRE				SIGNAL	SEQ NO	EQUATION	TERM	FACT	CKT OR CHIP TYPE	PLANE	LOAD OR POWER PLANE	TEST POINTS AND/OR	SIGNAL DESCRIPTION	ECO NO
	PREFIX	CONNECTOR	PIN	PREFIX	CONNECTOR	PIN	MULTI GROUP	CODE	COLOR	IDENT											
11690		XA327	06								J	DC31KD	01	DC31KD	00	1	YLD	A1	05A	DB31DB BUSS	
11691		XA329	06								J	DC31ND	01	DC31ND	00	1	YLD	A1	05A	DB31DB BUSS	
11692		XA328	06								J	DC314D	01	DC314D	00	1	YLD	A1	05A	DB31DB BUSS	
11693		XA121	35		XA115	40		168	9			DELLUA	01	DELLUA	00	1	TS8	C1	17B	DB2431 ALL ONES	
11694		XA115	40					168	9			DELLUA	02	EDLLU0	01	2	TQ2	C1	19A		
11695		XA319	11		XA115	36		168	9			DELLZA	01	DELLZA	00	1	TS8	A1	05B	DB2431 ALL ZERO	
11696		XA115	36					168	9			DELLZA	02	EDLLZ0	01	1	TQ2	C2	17A		
11699		XA121	23		XA115	29		168	9			DELUUA	01	DELUUA	00	1	TS8	B1	11B	DB1623 ALL ONES	
11700		XA115	29					168	9			DELUUA	02	EDLUU0	01	1	TQ2	C3	14B		
11701		XA319	23		XA115	37		168	9			DELUZA	01	DELUZA	00	1	TS8	B1	11B	DB1623 ALL ZERO	
11702		XA115	37					168	9			DELUZA	02	EDLUZ0	01	2	TQ2	C4	18B		
11705		XA319	35		XA114	42		168	9			DEULUA	01	DEULUA	00	1	TS8	C1	17B	DB0815 ALL ONES	
11706		XA114	42					168	9			DEULUA	02	EDULU0	01	1	TQ2	C1	20A		
11709		XA319	59		XA114	36		168	9			DEULZA	01	DEULZA	00	1	TS8	E1	31B	DB0815 ALL ZERO	
11710		XA114	36					168	9			DEULZA	02	EDULZ0	01	1	TQ2	C2	17A		
11713		XA319	47		XA114	31		168	9			DEUUUA	01	DEUUUA	00	1	TS8	D1	25B	DB0007 ALL ONES	
11714		XA114	31					168	9			DEUUUA	02	EDUUU0	01	2	TQ2	C3	15B		
11717		XA319	76		XA114	37		168	9			DEUUZA	01	DEUUZA	00	1	TS8	F1	37A	DB0007 ALL ZERO	
11718		XA114	37					168	9			DEUUZA	02	EDUUZ0	01	2	TQ2	C4	18B		
11721		XA330	06								J	DE311D	01	DE311D	00	1	YLD	A1	05A	DB31DB BUSS	
12891		XA332	80								J	DP00LD	01	DP00LD	00	1	YLD	F4	39A	DB00DB BUSS	
12892		XA333	80								J	DP00QD	01	DP00QD	00	1	YLD	F4	39A	DB00DB BUSS	
12893		XA332	69								J	DP01LD	01	DP01LD	00	1	YLD	F3	35A	DB01DB BUSS	
12894		XA333	69								J	DP01QD	01	DP01QD	00	1	YLD	F3	35A	DB01DB BUSS	
12895		XA331	72								J	DP02LD	01	DP02LD	00	1	YLD	F2	34A	DB02DB BUSS	
12896		XA332	72								J	DP02QD	01	DP02QD	00	1	YLD	F2	34A	DB02DB BUSS	
12897		XA331	75								J	DP03LD	01	DP03LD	00	1	YLD	F1	37B	DB03DB BUSS	
12898		XA332	75								J	DP03QD	01	DP03QD	00	1	YLD	F1	37B	DB03DB BUSS	
12899		XA331	63								J	DP04LD	01	DP04LD	00	1	YLD	E4	33B	DB04DB BUSS	
								***	SIGNAL			DP04QD		IS ON THE					****		

DRAWING NUMBER 149011-800
 UNIT ASSEMBLY NAME CARD CAGE ASSY,CPU R.H.

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UNIT ASSEMBLY NO. 149011
 FILE IDENT T39B2CP2

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INDEX DP3400
 PAGE 260

RECORD NUMBER	FROM				TO				WIRE				SIGNAL	SEQ NO	EQUATION	TERM	FACT	CAT OR CHIP TYPE	GROUP	LOAD OR POWER PLANE	TEST POINTS		SIGNAL DESCRIPTION	ECO NO	
	PREFIX	CONNECTOR	PIN	OR	PREFIX	CONNECTOR	PIN	OR	MULTI GROUP	CODE	COLOR	IDENT									AND OR				
12900		XA332	63										J	DP0400	01	DP0400	00	1	TLD	E4	33B		DB040B BUSS		
12901		XA331	57										J	DP0500	01	DP0500	00	1	TLD	E3	30B		DB050B BUSS		
12902		XA332	57										J	DP0500	01	DP0500	00	1	TLD	E3	30B		DB050B BUSS		
12903		XA330	80										J	DP0600	01	DP0600	00	1	TLD	E2	28A		DB060B BUSS		
12904		XA331	80										J	DP0600	01	DP0600	00	1	TLD	E2	28A		DB060B BUSS		
12905		XA330	68										J	DP0700	01	DP0700	00	1	TLD	E1	31A		DB070B BUSS		
12906		XA331	68										J	DP0700	01	DP0700	00	1	TLD	E1	31A		DB070B BUSS		
12907		XA330	80										J	DP0800	01	DP0800	00	1	TLD	F4	39A		DB080B BUSS		
12908		XA331	80										J	DP0800	01	DP0800	00	1	TLD	F4	39A		DB080B BUSS		
12909		XA330	69										J	DP0900	01	DP0900	00	1	TLD	F3	35A		DB090B BUSS		
12910		XA331	69										J	DP0900	01	DP0900	00	1	TLD	F3	35A		DB090B BUSS		
12911		XA330	72										J	DP1000	01	DP1000	00	1	TLD	F2	34A		DB100B BUSS		
12912		XA330	75										J	DP1100	01	DP1100	00	1	TLD	F1	37B		DB110B BUSS		
12913		XA330	63										J	DP1200	01	DP1200	00	1	TLD	E4	33B		DB120B BUSS		
12914		XA330	57										J	DP1300	01	DP1300	00	1	TLD	E3	30B		DB130B BUSS		
12915		XA329	60										J	DP1400	01	DP1400	00	1	TLD	E2	28A		DB140B BUSS		
12916		XA329	66										J	DP1500	01	DP1500	00	1	TLD	E1	31A		DB150B BUSS		
12917		XA328	51										J	DP1600	01	DP1600	00	1	TLD	D4	27B		DB160B BUSS		
12918		XA329	51										J	DP1600	01	DP1600	00	1	TLD	D4	27B		DB160B BUSS		
12919		XA328	45										J	DP1700	01	DP1700	00	1	TLD	D3	24B		DB170B BUSS		
20750		XA333	75										J	DP1700	01	DP1700	00	1	TLD	F1	37B		DB170B BUSS		
12920		XA328	46										J	DP1800	01	DP1800	00	1	TLD	D2	21A		DB180B BUSS		
12921		XA329	46										J	DP1800	01	DP1800	00	1	TLD	D2	21A		DB180B BUSS		
12922		XA328	52										J	DP1900	01	DP1900	00	1	TLD	D1	24A		DB190B BUSS		
12923		XA329	52										J	DP1900	01	DP1900	00	1	TLD	D1	24A		DB190B BUSS		
														****	SIGNAL	DP2000								S ON THE NEXT PAGE ****	

DRAWING NUMBER 149011-800
 UNIT ASSEMBLY NAME CARD CAGE ASSY,CPU R.H.

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UNIT ASSEMBLY NO 149011
 FILE IDENT T39B2CP2

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 DATE 09-03-82

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 DP20QD 261

RECORD NUMBER	FROM				TO				WIRE				SPEC. INSTR. NO.	SIGNAL	SEQ NO	EQUATION	TERM	FACTOR	CKT OR CHIP TYPE	GROUP	LOAD CP POWER PLANE	TEST POINTS		SIGNAL DESCRIPTION	ECO NO
	PREFIX	CONNECTOR	PIN	WIRE NO.	PREFIX	CONNECTOR	PIN	WIRE NO.	MULTI GROUP	CODE	COLOR	IDENT										AND/OR	NO.		
12924		XA328	39										J	DP20QD	01	DP20QD	00	1	TLD	C4		19B	DB200B BUSS		
12925		XA329	39										J	DP20TD	01	DP20TD	00	1	TLD	C4		19B	DB200B BUSS		
12926		XA330	39										J	DP20UD	01	DP20UD	00	1	TLD	C4		19B	DB200B BUSS		
12927		XA328	33										J	DP21QD	01	DP21QD	00	1	TLD	C3		16B	DB210B BUSS		
12928		XA329	33										J	DP21TD	01	DP21TD	00	1	TLD	C3		16B	DB210B BUSS		
12929		XA330	33										J	DP21UD	01	DP21UD	00	1	TLD	C3		16B	DB210B BUSS		
12930		XA328	30										J	DP22QD	01	DP22QD	00	1	TLD	C2		15A	DB220B BUSS		
12931		XA329	30										J	DP22TD	01	DP22TD	00	1	TLD	C2		15A	DB220B BUSS		
12932		XA330	30										J	DP22UD	01	DP22UD	00	1	TLD	C2		15A	DB220B BUSS		
12933		XA328	38										J	DP23QD	01	DP23QD	00	1	TLD	C1		18A	DB230B BUSS		
12934		XA329	38										J	DP23TD	01	DP23TD	00	1	TLD	C1		18A	DB230B BUSS		
12935		XA330	38										J	DP23UD	01	DP23UD	00	1	TLD	C1		18A	DB230B BUSS		
12936		XA328	27										J	DP24QD	01	DP24QD	00	1	TLD	B4		13B	DB240B BUSS		
12937		XA329	27										J	DP24TD	01	DP24TD	00	1	TLD	B4		13B	DB240B BUSS		
12938		XA330	27										J	DP24UD	01	DP24UD	00	1	TLD	B4		13B	DB240B BUSS		
12939		XA328	21										J	DP25QD	01	DP25QD	00	1	TLD	B3		10B	DB250B BUSS		
12940		XA329	21										J	DP25TD	01	DP25TD	00	1	TLD	B3		10B	DB250B BUSS		
12941		XA330	21										J	DP25UD	01	DP25UD	00	1	TLD	B3		10B	DB250B BUSS		
12942		XA330	14										J	DP26LD	01	DP26LD	00	1	TLD	B2		09A	DB260B BUSS		
12943		XA331	14										J	DP26QD	01	DP26QD	00	1	TLD	B2		09A	DB260B BUSS		
12944		XA332	14										J	DP26TD	01	DP26TD	00	1	TLD	B2		09A	DB260B BUSS		
12945		XA330	22										J	DP27LD	01	DP27LD	00	1	TLD	B1		12A	DB270B BUSS		
12946		XA331	22										J	DP27QD	01	DP27QD	00	1	TLD	B1		12A	DB270B BUSS		
12947		XA332	22										J	DP27TD	01	DP27TD	00	1	TLD	B1		12A	DB270B BUSS		
12948		XA331	15										J	DP28LD	01	DP28LD	00	1	TLD	A4		07B	DB280B BUSS		
														****	SIGNAL	DP28QD							IS ON THE	NEXT PAGE	****

DRAWING NUMBER 149011-800
 UNIT ASSEMBLY NAME CARD CAGE ASSY,CPU R.H.

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RECORD NUMBER	FROM				TO				WIRE			SIGNAL	SEQ NO	EQUATION	TERMS	FACTOR	CKT OR CHIP TYPE	GROUP	LOAD OR POWER PLANE	TEST POINTS AND/OR	SIGNAL DESCRIPTION	ECO NO
	PREFIX	CONNECTOR	PIN	WIRE NO	PREFIX	CONNECTOR	PIN	WIRE NO	MULTI GROUP	CODE	COLOR											
12949		XA332	15									J	DP28QD	01	DP28QD	00	1	TLD	A4	07B	DB28DB BUSS	
12950		XA333	15									J	DP28TD	01	DP28TD	00	1	TLD	A4	07B	DB28DB BUSS	
12951		XA331	09									J	DP29LD	01	DP29LD	00	1	TLD	A3	04B	DB29DB BUSS	
12952		XA332	09									J	DP29QD	01	DP29QD	00	1	TLD	A3	04B	DB29DB BUSS	
12953		XA333	09									J	DP29TD	01	DP29TD	00	1	TLD	A3	04B	DB29DB BUSS	
12954		XA331	01									J	DP30LD	01	DP30LD	00	1	TLD	A2	02B	DB30DB BUSS	
12955		XA332	01									J	DP30QD	01	DP30QD	00	1	TLD	A2	02B	DB30DB BUSS	
12956		XA333	01									J	DP30TD	01	DP30TD	00	1	TLD	A2	02B	DB30DB BUSS	
12957		XA331	06									J	DP31LD	01	DP31LD	00	1	TLD	A1	05A	DB31DB BUSS	
12958		XA332	06									J	DP31QD	01	DP31QD	00	1	TLD	A1	05A	DB31DB BUSS	
12959		XA333	06									J	DP31TD	01	DP31TD	00	1	TLD	A1	05A	DB31DB BUSS	
21808		XA429	47		XA429	47			168	9			DTTDCA	01								
12961		XA429	47		XA341	43			168	9			DTTDCA	02	DTTDCA	00	1	T04	D1	25B	IOU DATA TO BUS C	
12962		XA341	43						168	9			DTTDCA	03	J11K10	01	2	TQ2	D3	23B		
12965		XA117	01		XA117	10			168	9			EBCPSA	01	EBSTBN	01	1	T0D	BN	02B		
12966		XA117	10		XA115	75			168	9			EBCPSA	02	EBSCBN	01	1	T0D	AN	07A		
12967		XA115	75						168	9			EBCPSA	03	EBCPSA	00	1	TQ2	F1	37B	BOOTSTRAP STATUS	
12972		XA117	13		XA114	08			168	9			EBSCBQ	01	KBSCDOX	01	1	DCF	D2	34B		
12971		XA117	13		XA114	08			168	9			EBSCBQ	02	EBSCBQ	00	1	T0D	AQ	06B	BOOTSTRAP CPU STA	
12972		XA114	08						168	9			EBSCBQ	03	EBSC9A	01	2	TQ2	A1	06A		
12981		XA115	06		XA114	10			168	9			EBSC8A	01	EBSC8A	00	1	TQ2	A1	05A	HST BOOTSTRAP CPU	
12982		XA114	10						168	9			EBSC8A	02	EBSC9A	01	1	TQ2	A1	07A		
12983		XA115	04		XA114	06			168	9			EBSC9A	01	EBSC90	01	1	TQ2	A2	04A		
12984		XA114	06						168	9			EBSC9A	02	EBSC9A	00	1	TQ2	A1	05A	REC. BOOTSTRAP CP	
12985		XA117	08		XA115	01			168	9			EBSC90	01	EBSCB1	01	1	T0D	A1	06A		
12986		XA115	01						168	9			EBSC90	02	EBSC90	00	1	TQ2	A2	02B	REC. BOOTSTRAP CP	
12989		XA117	09		XA114	07			168	9			EBS1BP	01	EBS1BP	00	1	T0D	BP	04B	BOOTSTRAP IOU STA	
12990		XA114	07						168	9			EBS1BP	02	EBS190	01	2	TQ2	A3	03A		
19021		XA137	70		XA117	07			168	9			EBS1BQ	01	KBSDOX	01	1	DCF	D8	35A		
12992		XA117	07						168	9			EBS1BQ	02	EBS1BQ	00	1	T0D	BQ	03A	ROOTSTRAP IOU STA	
12999		XA117	04		XA115	09			168	9			EBS1PA	01	EBS1BP	01	1	T0D	BP	04A		
									****				SIGNAL	EBS1PA								

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

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RECORD NUMBER	FROM				TO				WIRE			SIGNAL	SEQ NO	EQUATION	TIER	FACTOR	CKT OR CH.P. TYPE	GROUP	LOAD OR POWER PLANE	TEST POINTS AND/OR	SIGNAL DESCRIPTION	ECO NO
	PREFIX	CONNECTOR	PIN	WIRE	PREFIX	CONNECTOR	PIN	WIRE	GROUP	CODE	COLOR											
13000		XA115	09						168	9			EBSIPA	02	EBSIPA	00	1	TQ2	A3	04B	CLEAR IOU BOOTSTR	
13001		XA115	03		XA114	01			168	9			EBSIPO	01	EBSIPA	01	1	TQ2	A3	02A		
13002		XA114	01						168	9			EBSIPO	02	EBSIPO	00	1	TQ2	A2	02B	CLEAR IOU BOOTSTR	
13003		XA117	05		XA114	09			168	9			EBSI90	01	EBSIBI	01	1	TDD	B1	03B		
13004		XA114	09						168	9			EBSI90	02	EBSI90	00	1	TQ2	A3	04B	REC. BOOTSTRAP IO	
13005		XA114	11		XA112	11			168	9			ECDBCA	01	ECDBCO	01	1	TQ2	A4	05B		
13006		XA112	11						168	9			ECDBCA	02	ECDBCA	03	1	TD4	A1	05B	DTR ALL ONES TO T	
13007		XA115	23		XA115	24			168	9			ECDBCO	01	ECDBEA	01	1	TQ2	B4	11B		
13008		XA115	24		XA115	20			168	9			ECDBCO	02	ECDBFA	01	2	TQ2	B1	13A		
13009		XA115	20		XA114	15			168	9			ECDBCO	03	ECDBGA	01	1	TQ2	B2	11A		
13010		XA114	15		XA115	17			168	9			ECDBCO	04	ECDBCO	00	1	TQ2	A4	07B		
13011		XA115	17						168	9			ECDBCO	05	ECDBHA	01	1	TQ2	B3	08B		
22238		XA351	61		XA115	14			168	9			ECDBDB	01				EXT			BUS=1'S TO TB	
13013		XA115	14		XA115	21			168	9		P	ECDBGA	02	ECDBDF	03	1	TQ2	B2	09A	1/2 OF EDDDBB	
13014		XA115	21						168	9		P	ECDBHA	03	ECDBDB	04	1	TQ2	B3	10B	1/2 OF ECDBDB	
13019		XA115	27									J	ECDBEA	01	ECDBEA	00	1	TQ2	B4	13B	EDDBDB BUSS	
13020		XA115	22									J	ECDBFA	01	ECDFFA	00	1	TQ2	B1	12A	EDDBDB BUSS	
13021		XA115	14									J	ECDBGA	01	ECDBGA	00	1	TQ2	B2	09A	ECDBDB BUSS	
13022		XA115	21									J	ECDBHA	01	ECDBHA	00	1	TQ2	B3	10B	ECDBDB BUSS	
13023		XA113	29		XA113	34			168	9			EDBUNA	01	ERUS1A	01	1	TQ2	C3	14B		
13024		XA113	34		XA112	09			168	9			EDBUNA	02	ERUS0A	01	2	TQ2	C2	16A		
13025		XA112	09		XA108	57			168	9			EDBUNA	03	EDBUNA	00	1	TD4	A2	04B	DB0031 ALL ONES	
13026		XA108	57						168	9			EDBUNA	04	ERUSFA	01	1	TT3	E3	30B		
13027		XA113	77		XA108	07			168	9			EDBU8A	01	ERUS3A	01	2	TQ2	F1	38B		
13028		XA108	07						168	9			EDBU8A	02	EDBU8A	00	1	TT3	A2	03A	DB0831 ALL ONES	
13029		XA113	08		XA113	19			168	9			EDBZRA	01	ERUS0A	01	2	TQ2	A1	06A		
13030		XA113	19		XA113	23			168	9			EDBZRA	02	ERUSLA	01	2	TQ2	B3	09B		
13031		XA113	23		XA112	23			168	9			EDBZRA	03	ERUSNA	01	1	TQ2	B4	11B		
13032		XA112	23						168	9			EDBZRA	04	EDBZRA	00	1	TD4	B1	11B	DB0031 ALL ZERO	
13033		XA113	37		XA112	35			168	9			EDBZ8A	01	ERUS2A	01	2	TQ2	C4	18B		
13034		XA112	35						168	9			EDBZ8A	02	EDBZ8A	00	1	TD4	C1	17B	DB0831 ALL ZERO	
13035		XA116	14		XA117	14			168	9			EDCPCB	01	ED04BN	01	1	TDD	DN	09A	DIAGNOSE RGSTR CL	
13036		XA117	14		XA117	30			168	9			EDCPCB	02	ED02BN	01	1	TDD	DN	09A	DIAGNOSE RGSTR CL	
13037		XA117	30		XA117	26			168	9			EDCPCB	03	ED06BN	01	1	TDD	FN	15A	DIAGNOSE RGSTR CL	
13038		XA117	26		XA116	26			168	9			EDCPCB	04	ED01BN	01	1	TDD	CN	14A	DIAGNOSE RGSTR CL	
13039		XA116	26		XA116	30			168	9			EDCPCB	05	ED03BN	01	1	TDD	CN	14A	DIAGNOSE RGSTR CL	
										****	SIGNAL	EDCPCB	IS ON THE NEXT PAGE				****					

DRAWING NUMBER 149011-800
 UNIT ASSEMBLY NAME CARD CAGE ASSY,CPU R.H.

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UNIT ASSEMBLY NO 149011
 FILE IDENT T39B2CP2

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USER EDCPCB
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RECORD NUMBER	FROM				TO				MULTI GROUP	CODE	COLL	IDENT	SIGNAL	SFO NO	EQUATION	Z	Y	X	CUT OR CUT TYPE	MOOP	LOAD OR POWER PLANT	TEST POINTS AND/OR	SIGNAL DESCRIPTION	ECO NO
	PREFIX	CONNECTOR	PIN	Z	PREFIX	CONNECTOR	PIN	Z																
13040		XA116	30		XA116	42		168	9			EDCPCB	06	ED08BN	01	1	TDD	FN			15A	DIAGNOSE RGSTR CL		
13041		XA116	42		XA116	46		168	9			EDCPCB	07	ED07BN	01	1	TDD	EN			20A	DIAGNOSE RGSTR CL		
13042		XA116	46		XA117	42		168	9			EDCPCB	08	EDT2BN	01	1	TDD	HN			21A	DIAGNOSE RGSTR CL		
13043		XA117	42		XA117	46		168	9			EDCPCB	09	ED05BN	01	1	TDD	EN			20A	DIAGNOSE RGSTR CL		
13044		XA117	46		XA117	70		168	9			EDCPCB	10	ED10BN	01	1	TDD	HN			21A	DIAGNOSE RGSTR CL		
13045		XA117	70		XA116	79		168	9			EDCPCB	11	ED13BN	01	1	TDD	JN			33A	DIAGNOSE RGSTR CL		
13046		XA116	79		XA115	80		168	9			EDCPCB	12	ED17BN	01	1	TDD	LN			39A	DIAGNOSE RGSTR CL		
13047		XA115	80		XA115	69		168	9		P	EDCPFA	03	ED02F4	03	1	TQ2	F4			39A	DIAGNOSE RGSTR CL		
13048		XA115	69		XA115	72		168	9		P	EDCPEA	14	EDCPCB	02	1	TQ2	F3			35A	DIAGNOSE RGSTR CL		
13049		XA115	72		XA116	70		168	9		P	EDCPDA	15	EDCPCB	01	1	TQ2	F2			34A	DIAGNOSE RGSTR CL		
13050		XA116	70		XA116	72		168	9			EDCPCB	16	ED15BN	01	1	TDD	JN			33A	DIAGNOSE RGSTR CL		
13051		XA116	72		XA116	60		168	9			EDCPCB	17	ED18BN	01	1	TDD	MN			34A	DIAGNOSE RGSTR CL		
13052		XA116	60		XA116	56		168	9			EDCPCB	18	ED16BN	01	1	TDD	KN			28A	DIAGNOSE RGSTR CL		
13053		XA116	56		XA117	56		168	9			EDCPCB	19	ED11BN	01	1	TDD	GN			26A	DIAGNOSE RGSTR CL		
13054		XA117	56		XA117	60		168	9			EDCPCB	20	ED09BN	01	1	TDD	GN			26A	DIAGNOSE RGSTR CL		
13055		XA117	60					168	9			EDCPCB	21	ED14BN	01	1	TDD	KN			28A	DIAGNOSE RGSTR CL		
13056		XA115	72								J	EDCPDA	01	EDCPDA	00	1	TQ2	F2			34A	EDCPCB BUSS		
13057		XA115	69								J	EDCPEA	01	EDCPEA	00	1	TQ2	F3			35A	EDCPCB BUSS		
13058		XA115	80								J	EDCPFA	01	EDCPFA	00	1	TQ2	F4			39A	EDCPCB BUSS		
13059		XA116	10		XA116	01		168	9			EDCPSA	01	ED08BN	01	1	TDD	AN			07A			
13060		XA116	01		XA111	09		168	9			EDCPSA	02	ED07BN	01	1	TDD	BN			02B			
13061		XA111	09					168	9			EDCPSA	03	EDCPSA	03	1	TQ2	A3			04B	DIAGNOSE STATUS C		
13062		XA115	76		XA115	73		168	9			EDCP10	01	EDCPFA	01	1	TQ2	F4			37A			
13063		XA115	73		XA115	74		168	9			EDCP10	02	EDCPDA	01	1	TQ2	F2			36B			
13064		XA115	74		XA114	14		168	9			EDCP10	03	EDCPEA	01	2	TQ2	F3			35B			
13065		XA114	14					168	9			EDCP10	04	EDCP10	00	1	TQ2	B2			09A	DIAGNOSE RGSTR CL		
13066		XA342	03		XA115	13		168	9			EDC2CA	01	ED1E0	01	3	Y13	A2			02A			
13067		XA115	13		XA114	20		168	9			EDC2CA	02	EDC200	01	2	TQ2	A4			06B			
13068		XA114	20		XA111	25		168	9			EDC2CA	03	EDCP10	01	1	TQ2	B2			11A			
13069		XA111	25		XA111	34		168	9			EDC2CA	04	EDC2C0	01	2	TQ2	B4			12B			
13070		XA111	34		XA111	35		168	9			EDC2CA	05	ED143A	01	2	TQ2	C2			16A			
13071		XA111	35		XA113	48		168	9			EDC2CA	06	ED153A	01	1	TQ2	C4			17B			
13072		XA113	48		XA107	18		168	9			EDC2CA	07	ED133A	01	2	TQ2	D2			22A			
13073		XA107	18		XA108	13		168	9			EDC2CA	08	ED163A	01	2	TQ2	B2			10A			
13074		XA108	13		XA107	05		168	9			EDC2CA	09	ED173A	01	3	T13	A3			06B			
13075		XA107	05		XA103	11		168	9			EDC2CA	10	ED183A	01	2	TQ2	A2			03B			
13076		XA103	11					168	9			EDC2CA	11	EDC2CA	00	1	YSB	A1			05B	DIAGNOSE OPTION 2		
13079		XA115	77		XA115	70		168	9			EDC2C0	01	EDCPSA	01	2	TQ2	F1			36B			
13080		XA115	70		XA114	61		168	9			EDC2C0	02	ED061A	01	1	TQ2	E1			33A			
13081		XA114	61		XA114	64		168	9			EDC2C0	03	ED091A	01	2	TQ2	E4			32B			
13082		XA114	64		XA115	55		168	9			EDC2C0	04	ED081A	01	1	TQ2	E2			30A			
13083		XA115	55		XA115	56		168	9			EDC2C0	05	ED071A	01	2	TQ2	E3			29B			
13084		XA115	56		XA114	49		168	9			EDC2C0	06	ED021A	01	1	TQ2	D1			26A			
												****	SIGNAL	EDC2C0								S ON THE	NEXT PAGE	****

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

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RECORD NUMBER	FROM			TO			WIRE			MULTI GROUP	CODE	COLOR	IDENT	SPEC. USE	SIGNAL	SEQ NO	EQUATION	TERT	FACTOR	CKT OR CHIP TYPE	GROUP	LOAD CP POWER PLANE	TEST POINTS AND/OR	SIGNAL DESCRIPTION	ECO NO
	PREFIX	CONNECTOR	PIN	PREFIX	CONNECTOR	PIN																			
13085		XA114	49		XA114	50				168	9			EDC2C0	07	ED051A	01	2	TQ2	D4		26B			
13086		XA114	50		XA115	43				168	9			EDC2C0	08	ED031A	01	1	TQ2	D2		23A			
13087		XA115	43		XA114	25				168	9			EDC2C0	09	ED041A	01	2	TQ2	D3		23B			
13088		XA114	25		XA111	27				168	9			EDC2C0	10	ED011A	01	2	TQ2	B4		12B			
13089		XA111	27							168	9			EDC2C0	11	EDC2C0	00	1	TQ2	B4		13B	DIAGNOSE OPTION 2		
13090		XA111	70		XA115	15				168	9			EDC2D0	01	ED101A	01	1	TQ2	E1		33A			
13091		XA115	15		XA113	56				168	9			EDC2D0	02	EDC2D0	00	1	TQ2	A4		07B			
13092		XA113	56		XA111	54				168	9			EDC2D0	03	ED131A	01	1	TQ2	D1		26A			
13093		XA111	54		XA111	42				168	9			EDC2D0	04	ED121A	01	2	TQ2	D1		25A			
13094		XA111	42		XA111	29				168	9			EDC2D0	05	ED141A	01	1	TQ2	C1		20A			
13095		XA111	29		XA111	19				168	9			EDC2D0	06	ED151A	01	1	TQ2	C3		14B			
13096		XA111	19		XA111	08				168	9			EDC2D0	07	ED171A	01	2	TQ2	B3		09B			
13097		XA111	08		XA107	26				168	9			EDC2D0	08	ED181A	01	2	TQ2	A1		06A			
13098		XA107	26		XA113	68				168	9			EDC2D0	09	ED161A	01	1	TQ2	B1		14A			
13099		XA113	68							168	9			EDC2D0	10	ED111A	01	2	TQ2	E1		32A			
13100		XA342	01		XA114	19				168	9			EDC3CA	01	CTE1E0	01	2	TT3	A2		02B			
13101		XA114	19		XA110	23				168	9			EDC3CA	02	EDC3C0	01	2	TQ2	B3		09B			
13102		XA110	23		XA103	08				168	9			EDC3CA	03	EDC3CA	00	1	TS8	B1		11B	DIAGNOSE OPTION 3		
13103		XA103	08							168	9			EDC3CA	04	EDC2CA	01	2	TS8	A1		06A			
13106		XA114	21		XA111	03				168	9			EDC3C0	01	EDC3C0	00	1	TQ2	B3		10B	DIAGNOSE OPTION 3		
13107		XA111	03							168	9			EDC3C0	02	EDCPSA	01	1	TQ2	A3		02A			
22240		XA351	63		XA115	22				168	9			E08B0B	01				EXT					BUS=1'S TO TB	
13015		XA115	22		XA115	27				168	9		P	EC0BFA	04	E08B0B	02	1	TQ2	B1		12A	1/2 OF EC0BDB		
13016		XA115	27							168	9		P	EC0BEA	05	E08B0B	01	1	TQ2	B4		13B	BUS ALL 1'S TO TB		
22954		XA135	33		XA139	06				168	9			EDGND A	01	EDGND A	00	1	TQ2	C3		16B	STROBE FOR F/F DRV		
19108		XA139	06		XA139	36				168	9			EDGND A	02	K001DDX	01	1	DCF	A7		05A			
19134		XA139	36		XA137	36				168	9			EDGND A	03	K005DDX	01	1	DCF	B7		13A			
18990		XA137	36		XA137	72				168	9			EDGND A	04	K009DDX	01	1	DCF	B7		13A			
19023		XA137	72		XA139	72				168	9			EDGND A	05	K8S1DDX	01	1	DCF	D7		36A			
19167		XA139	72		XA139	52				168	9			EDGND A	06	KD17DDX	01	1	DCF	D7		36A			
19149		XA139	52							168	9			EDGND A	07	KD13DDX	01	1	DCF	C7		29A			
13108		XA115	38		XA112	05				168	9			EDLLU0	01	EDLLU0	00	1	TQ2	C1		18A	DB2431 ALL ONES		
13109		XA112	05		XA108	05				168	9			EDLLU0	02	E0BUNA	01	2	TD4	A2		03B			
13110		XA108	05							168	9			EDLLU0	03	E0BU8A	01	1	TT3	A2		03B			
13111		XA115	30		XA112	26				168	9			EDLLZ0	01	EDLLZ0	00	1	TQ2	C2		15A	DB2431 ALL ZERO		
13112		XA112	26		XA112	37				168	9			EDLLZ0	02	E0BZRA	01	1	TD4	B1		14A			
13113		XA112	37							168	9			EDLLZ0	03	E0BZ8A	01	4	TD4	C1		16B			
13114		XA115	33		XA112	01				168	9			EDLUU0	01	EDLUU0	00	1	TQ2	C3		16B	DB1623 ALL ONES		
13115		XA112	01		XA108	01				168	9			EDLUU0	02	E0BUNA	01	3	TD4	A2		02B			
13116		XA108	01							168	9			EDLUU0	03	E0BU8A	01	2	TT3	A2		02B			
13117		XA115	39		XA112	38				168	9			EDLUZ0	01	EDLUZ0	00	1	TQ2	C4		19B	DB1623 ALL ZERO		
										****				SIGNAL	EDLUZ0										IS ON THE NEXT PAGE ****

DRAWING NUMBER 149011-800
 UNIT ASSEMBLY NAME CARD CAGE ASSY,CPU R.H.

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RECORD NUMBER	FROM				TO				WIRE				SIGNAL	SFO NO	EQUATION	3 TER	5 FACT	CKT OR CHIP TYPE	WOP	LOAD OR POWER PLANE	TEST POINTS AND OR	SIGNAL DESCRIPTION	ECO NO	
	PREFIX	CONNECTOR	PIN	WIRE NO	PREFIX	CONNECTOR	PIN	WIRE NO	WIRE GROUP	COLOR	IDENT													
13118		XA112	38						168	9		EDLUZ0	02	EDBZBA	01	3	TD4	C1		18A				
13119		XA112	22		XA112	22			168	9		EDLUZ0	03	EDBZRA	01	3	TD4	B1		12A				
19169		XA139	74						168	9		EDSCBQ	01	KDSCDOX	01	1	DCF	D6		37A				
13123		XA116	13		XA116	13			168	9		EDSCBQ	02	EDSCBQ	00	1	TDD	AQ		08B	DIAGNOSE CPU STAT			
20761		XA121	11						168	9		EDSD0A	01	EDSD0A	00	1	TSB	A1		09B				
14829		XA133	37		XA133	37			168	9		EDSD0A	02	CRUSSO	01	4	TD4	C1		18B				
19168		XA139	73						168	9		EDS1BQ	01	KDS100X	01	1	DCF	D4		35B				
13135		XA116	07		XA116	07			168	9		EDS1BQ	02	EDS1BQ	00	1	TDD	BQ		03A	DIAGNOSE IOU STAT			
13144		XA114	38		XA112	04			168	9		EDULU0	01	EDULU0	00	1	TQ2	C1		18A	DB0815 ALL ONES			
13145		XA112	04		XA108	03			168	9		EDULU0	02	EDBUNA	01	1	TD4	A2		04A				
13146		XA108	03						168	9		EDULU0	03	EDB08A	01	3	TF3	A2		02A				
13147		XA114	30		XA112	24			168	9		EDULZ0	01	EDULZ0	00	1	TQ2	C2		15A	DB0815 ALL ZERO			
13148		XA112	24		XA112	40			168	9		EDULZ0	02	EDBZRA	01	2	TD4	B1		13A				
13149		XA112	40						168	9		EDULZ0	03	EDBZBA	01	2	TD4	C1		19A				
13150		XA114	33		XA112	07			168	9		EDUUU0	01	EDUUU0	00	1	TQ2	C3		16B	DB0007 ALL ONES			
13151		XA112	07						168	9		EDUUU0	02	EDBUNA	01	4	TD4	A2		03A				
13152		XA114	39		XA112	25			168	9		EDUUZ0	01	EDUUZ0	00	1	TQ2	C4		19B	DB0007 ALL ZERO			
13153		XA112	25						168	9		EDUUZ0	02	EDBZRA	01	4	TD4	B1		12B				
19108		XA139	04		XA117	25			168	9		ED01BQ	01	KD0100X	01	1	DCF	A8		04A				
13192		XA117	25						168	9		ED01BQ	02	ED01BQ	00	1	TDD	C0		12B	ED 01 - PRESET			
13199		XA114	27		XA112	30			168	9		ED011A	01	ED011A	00	1	TQ2	B4		13B	MD 16 TO ED 01			
13200		XA112	30						168	9		ED011A	02	ED0190	01	3	TD4	C2		15A				
13201		XA114	32		XA112	36			168	9		ED012A	01	ED012A	00	1	TQ2	D1		24A	CPU STATE CTR BIT			
13202		XA112	36						168	9		ED012A	02	ED0190	01	1	TD4	C2		17A				
13203		XA117	24		XA112	33			168	9		ED0190	01	ED0181	01	1	TDD	C1		13A				
13204		XA112	33						168	9		ED0190	02	ED0190	00	1	TD4	C2		16B	ED 01 INPUT DATA			
19113		XA139	11		XA117	19			168	9		ED02BQ	01	KD0200X	01	1	DCF	A2		04B				
13208		XA117	19						168	9		ED02BQ	02	ED02BQ	00	1	TDD	DQ		09B	ED 02 - PRESET			
13215		XA115	52		XA112	54			168	9		ED021A	01	ED021A	00	1	TQ2	D1		24A	MD 17 TO ED 02			
13216		XA112	54						168	9		ED021A	02	ED0290	01	2	TD4	D1		25A				
13217		XA115	46		XA112	52			168	9		ED022A	01	ED022A	00	1	TQ2	D2		21A	CPU STATE CTR BIT			
13218		XA112	52						168	9		ED022A	02	ED0290	01	3	TD4	D1		24A				
13219		XA117	18		XA112	47			168	9		ED0290	01	ED0281	01	1	TDD	D1		13A				
13220		XA112	47						168	9		ED0290	02	ED0290	00	1	TD4	D1		25B	ED 02 INPUT DATA			
												***	SIGNAL (ED03BQ)		IS ON THE NEXT PAGE ***									

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

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RECORD NUMBER	FROM				TO				WIRE				SIGNAL	SEQ NO	EQUATION	2	8	CKT OR CHIP TYPE	GROUP	LOAD OR POWER PLANE	TEST POINTS AND/OR	SIGNAL DESCRIPTION	ECO NO	
	PREFIX	CONNECTOR	PIN	WIRE NO	PREFIX	CONNECTOR	PIN	WIRE NO	MULTI GROUP	CODE	COLOR	IDENT												WIRE NO
19110 13224		XA139 XA116	08 25			XA116	25			168 168	9 9			E00380 E00380	01 02	KD03D0X E00380	01 00	1 1	DCF TDD	A6 CQ		06A 12B	ED 03 - PRESET	
13231 13232		XA114 XA112	46 46			XA112	46			168 168	9 9			E0031A E0031A	01 02	E0031A E00390	00 01	1 3	TQ2 TD4	D2 D2		21A 21A	MD 18 TO ED 03	
13233 13234		XA114 XA112	45 48			XA112	48			168 168	9 9			E0032A E0032A	01 02	E0032A E00390	00 01	1 2	TQ2 TD4	D3 D2		24B 22A	CPU STATE CYR BIT	
13235 13236		XA116 XA112	24 45			XA112	45			168 168	9 9			E00390 E00390	01 02	E00381 E00390	01 00	1 1	TDD TD4	CI D2		13A 24B	ED 03 INPUT DATA	
19114 13240		XA139 XA116	13 19			XA116	19			168 168	9 9			E00480 E00480	01 02	KD04D0X E00480	01 00	1 1	DCF TDD	A4 DQ		09B 09B	ED 04 - PRESET	
13247 13248		XA115 XA112	45 66			XA112	66			168 168	9 9			E0041A E0041A	01 02	E0041A E00490	00 01	1 3	TQ2 TD4	D3 E1		24B 31A	MD 19 TO ED 04	
13249 13250		XA115 XA112	51 68			XA112	68			168 168	9 9			E0042A E0042A	01 02	E0042A E00490	00 01	1 2	TQ2 TD4	D4 E1		27B 32A	CPU STATE CYR BIT	
13251 13252		XA116 XA112	18 59			XA112	59			168 168	9 9			E00490 E00490	01 02	E00481 E00490	01 00	1 1	TDD TD4	D1 E1		10A 31B	ED 04 INPUT DATA	
19132 13256		XA139 XA117	34 37			XA117	37			168 168	9 9			E00580 E00580	01 02	KD05D0X E00580	01 00	1 1	DCF TDD	B8 EQ		12A 18B	ED 05 - PRESET	
13263 13264		XA114 XA112	51 60			XA112	60			168 168	9 9			E0051A E0051A	01 02	E0051A E00590	00 01	1 3	TQ2 TD4	D4 E2		27B 28A	MD 20 TO ED 05	
13265 13266		XA114 XA112	66 64			XA112	64			168 168	9 9			E0052A E0052A	01 02	E0052A E00590	00 01	1 1	TQ2 TD4	E1 E2		31A 30A	CPU STATE CYR BIT	
13267 13268		XA117 XA112	40 57			XA112	57			168 168	9 9			E00590 E00590	01 02	E00581 E00590	01 00	1 1	TDD TD4	E1 E2		19A 30B	ED 05 INPUT DATA	
19130 13272		XA139 XA117	31 31			XA117	31			168 168	9 9			E00680 E00680	01 02	KD06D0X E00680	01 00	1 1	DCF TDD	B2 FQ		12B 15B	ED 06 - PRESET	
13275 13280		XA115 XA112	66 77			XA112	77			168 168	9 9			E0061A E0061A	01 02	E0061A E00690	00 01	1 2	TQ2 TD4	E1 F1		31A 38B	MD 21 TO ED 06	
13281 13282		XA115 XA112	60 75			XA112	75			168 168	9 9			E0062A E0062A	01 02	E0062A E00690	00 01	1 3	TQ2 TD4	E2 F1		28A 37B	CPU STATE CYR BIT	
13283 13284		XA117 XA112	34 76			XA112	76			168 168	9 9			E00690 E00690	01 02	E00681 E00690	01 00	1 1	TDD TD4	F1 F1		16A 37A	ED 06 INPUT DATA	
19131 13288		XA139 XA116	33 37			XA116	37			168 168	9 9			E00780 E00780	01 02	KD07D0X E00780	01 00	1 1	DCF TDD	B4 EQ		13B 18B	ED 07 - PRESET	

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RECORD NUMBER	FROM				TO				WIRE				SIGNAL	SEQ NO	EQUATION	T	F	CKT OR CHIP TYPE	GROUP	LOAD OR POWER PLANE	TEST POINTS AND/OR	SIGNAL DESCRIPTION	ECO NO
	PREFIX	CONNECTOR	PIN	WIRE NO	PREFIX	CONNECTOR	PIN	WIRE NO	MULTI-GROUP	CODE	COLOR	IDENT											
13295		XA115	57			XA112	72			168	9		ED071A	01	ED071A	00	1	TQ2	E3		30B	MD 22 TO ED 07	
13296		XA112	72							168	9		ED071A	02	ED0790	01	3	TD4	F2		34A		
13297		XA115	63			XA112	71			168	9		ED072A	01	ED072A	00	1	TQ2	E4		33B	CPU STATE CTR BIT	
13298		XA112	71							168	9		ED072A	02	ED0790	01	2	TD4	F2		36A		
13299		XA116	40			XA112	69			168	9		ED0790	01	ED0781	01	1	TDD	E1		19A		
13300		XA112	69							168	9		ED0790	02	ED0790	00	1	TD4	F2		35A	ED 07 INPUT DATA	
19136		XA139	38			XA116	31			168	9		ED088Q	01	KD08DOX	01	1	DCF	B6		14A		
13304		XA116	31							168	9		ED088Q	02	ED088Q	00	1	TDD	FQ		15B	ED 08 - PRESET	
13311		XA114	60			XA109	75			168	9		ED081A	01	ED081A	00	1	TQ2	E2		28A	MD 23 TO ED 08	
13312		XA109	75							168	9		ED081A	02	ED0890	01	3	TD4	F1		37B		
13313		XA114	57			XA109	77			168	9		ED082A	01	ED082A	00	1	TQ2	E3		30B	CPU ITER CTR BIT	
13314		XA109	77							168	9		ED082A	02	ED0890	01	2	TD4	F1		38B		
13315		XA116	34			XA109	76			168	9		ED0890	01	ED0881	01	1	TDD	F1		16A		
13316		XA109	76							168	9		ED0890	02	ED0890	00	1	TD4	F1		37A	ED 08 INPUT DATA	
18988		XA137	34			XA117	49			168	9		ED098Q	01	KD09DOX	01	1	DCF	B8		12A		
13320		XA117	49							168	9		ED098Q	02	ED098Q	00	1	TDD	GU		26B	ED 09 - PRESET	
13327		XA114	63			XA109	72			168	9		ED091A	01	ED091A	00	1	TQ2	E4		33B	MD 24 TO ED 09	
13328		XA109	72							168	9		ED091A	02	ED0990	01	3	TD4	F2		34A		
13329		XA114	75			XA109	73			168	9		ED092A	01	ED092A	00	1	TQ2	F1		37B	CPU ITER CTR BIT	
13330		XA109	73							168	9		ED092A	02	ED0990	01	1	TD4	F2		36B		
13331		XA117	34			XA109	69			168	9		ED0990	01	ED0981	01	1	TDD	G1		25A		
13332		XA109	69							168	9		ED0990	02	ED0990	00	1	TD4	F2		35A	ED 09 INPUT DATA	
20860		XA117	45			XA121	01			168	9		ED108P	01	ED108P	00	1	TDD	HP		24B		
18904		XA121	01							168	9		ED108P	02	ED090A	01	1	TS8	A1		02B		
18986		XA137	31			XA117	43			168	9		ED108Q	01	KD10DOX	01	1	DCF	B2		12B		
13336		XA117	43							168	9		ED108Q	02	ED108Q	00	1	TDD	HQ		23B	ED 10 - PRESET	
13343		XA117	50			XA114	72			168	9		ED10PA	01	ED108P	01	1	TDD	HP		23A		
13344		XA114	72							168	9		ED10PA	02	ED10PA	00	1	TQ2	F2		34A	ED 10 CLEAR GATE	
13345		XA114	71			XA113	72			168	9		ED10PO	01	ED10PA	01	2	TQ2	F2		36A		
13346		XA113	72							168	9		ED10PO	02	ED10PO	00	1	TQ2	F2		34A	ED 10 CLEAR GATE	
13347		XA111	66			XA109	66			168	9		ED101A	01	ED101A	00	1	TQ2	E1		31A	MD 25 TO ED 10	
13348		XA109	66							168	9		ED101A	02	ED1090	01	3	TD4	E1		31A		
													****	SIGNAL	ED102A							S ON THE NEXT PAGE	****

DRAWING NUMBER		149011-800		STRING		UNIT ASSEMBLY NO		149011		REV D		INDEX		ED102A									
UNIT ASSEMBLY NAME		CARD CAGE ASSY, CPU R.H.				FILE IDENT		T39B2CP2		DATE		09-03-82		PAGE		269							
RECORD NUMBER	FROM				TO				WIRE				SIGNAL	SEQ NO	EQU TION	TERM	FAC T	CKT OR CHIP TYPE	GROUP	LOAD OR POWER PLANE	TEST POINTS AND OR	SIGNAL DESCRIPTION	ECO NO
	PREFIX	CONNECTOR	PIN	2	PREFIX	CONNECTOR	PIN	2	MULTI GROUP	CODE	COLOR	IDENT											
13349		XA111	60			XA109	61		168	9			ED102A	01	ED102A	00	1	TQ2	E2		28A	CPU STATE CYR BIT	
13350		XA109	61						168	9			ED102A	02	ED1090	01	4	TD4	E1		32B		
13351		XA117	48			XA109	59		168	9			ED1090	01	ED1081	01	1	TDD	HI		22A		
13352		XA109	59						168	9			ED1090	02	ED1090	00	1	TD4	E1		31B	ED 10 INPUT DATA	
20840		XA116	47			XA121	04		168	9			ED118P	01	ED118P	00	1	TDD	GP		29B		
18414		XA121	04						168	9			ED118P	02	EDSD0A	01	2	TS8	A1		04A		
18987		XA137	33			XA116	49		168	9			ED118Q	01	KD1100X	01	1	OCF	B4		13B		
13356		XA116	49						168	9			ED118Q	02	ED118Q	00	1	TDD	G0		26B	ED 11 - PRESET	
13363		XA116	52			XA114	69		168	9			ED11PA	01	ED118P	01	1	TDD	GP		24A		
13364		XA114	69						168	9			ED11PA	02	ED11PA	00	1	TQ2	F3		35A	ED 11 CLEAR GATE	
13365		XA114	74			XA113	69		168	9			ED11P0	01	ED11PA	01	2	TQ2	F3		35B		
13366		XA113	69						168	9			ED11P0	02	ED11P0	00	1	TQ2	F3		35A	ED 11 CLEAR GATE	
13367		XA113	66			XA109	64		168	9			ED111A	01	ED111A	00	1	TQ2	E1		31A	MD 26 TO ED 11	
13368		XA109	64						168	9			ED111A	02	ED1190	01	1	TD4	E2		30A		
13369		XA113	60			XA109	60		168	9			ED112A	01	ED112A	00	1	TQ2	E2		28A	AUTO TEST TO ED11	
13370		XA109	60						168	9			ED112A	02	ED1190	01	3	TD4	E2		28A		11
13371		XA116	54			XA109	57		168	9			ED1190	01	ED1181	01	1	TDD	G1		25A		
13372		XA109	57						168	9			ED1190	02	ED1190	00	1	TD4	E2		30B	ED 11 INPUT DATA	
20838		XA116	45			XA121	05		168	9			ED128P	01	ED128P	00	1	TDD	HP		24B		
18422		XA121	05						168	9			ED128P	02	EDSD0A	01	3	TS8	A1		03B		
18992		XA137	38			XA116	43		168	9			ED128Q	01	KD1200X	01	1	OCF	B6		14A		
13376		XA116	43						168	9			ED128Q	02	ED128Q	00	1	TDD	HQ		23B	ED 12 - PRESET	
13383		XA116	50			XA114	80		168	9			ED12PA	01	ED128P	01	1	TDD	HP		23A		
13384		XA114	80						168	9			ED12PA	02	ED12PA	00	1	TQ2	F4		39A	ED 12 CLEAR GATE	
13385		XA114	78			XA113	80		168	9			ED12P0	01	ED12PA	01	2	TQ2	F4		38A		
13386		XA113	80						168	9			ED12P0	02	ED12P0	00	1	TQ2	F4		39A	ED 12 CLEAR GATE	
13387		XA111	52			XA109	52		168	9			ED121A	01	ED121A	00	1	TQ2	D1		24A	MD 27 TO ED 12	
13388		XA109	52						168	9			ED121A	02	ED1290	01	3	TD4	D1		24A		
13389		XA111	46			XA109	49		168	9			ED122A	01	ED122A	00	1	TQ2	D2		21A	DIAGNOSE(073)	
13390		XA109	49						168	9			ED122A	02	ED1290	01	4	TD4	D1		26B		
13391		XA116	48			XA109	47		168	9			ED1290	01	ED1281	01	1	TDD	HI		22A		
13392		XA109	47						168	9			ED1290	02	ED1290	00	1	TD4	D1		25B	ED 12 INPUT DATA	
20866		XA117	59			XA121	06		168	9			ED138P	01	ED138P	00	1	TDD	JP		31B		
18440		XA121	06						168	9			ED138P	02	EDSD0A	01	4	TS8	A1		05A		

DRAWING NUMBER 149011-800
 UNIT ASSEMBLY NAME CARD CAGE ASSY, CPU R.H.

STRING

UNIT ASSEMBLY NO. 149011
 FILE IDENT T3982CP2

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 DATE 09-03-82 PAGE 270

RECORD NUMBER	FROM			TO			WIRE				SIGNAL	SEQ NO	EQUATION	TERM	FAC	CHK OR CHIP TYPE	ORP	LOAD OR POWER PLANE	TEST POINTS AND OR	SIGNAL DESCRIPTION	ECO NO	
	PREFIX	CONNECTOR	PIN	PREFIX	CONNECTOR	PIN	2	3	MULTI GROUP	CODE												COLOR
19147 13396 13397	XA139	50		XA117	61				168	9		ED138Q	01	KD1300X	01	1	DCF	C8	28A	ED 13 - PRESET		
	XA117	61		XA113	50				168	9		ED138Q	02	ED138Q	00	1	TDD	JQ	32B			
	XA113	50							168	9		ED138Q	03	ED133A	01	1	TQ2	DZ	23A			
13404 13405	XA117	66		XA113	57				168	9		ED13PA	01	ED138P	01	1	TDD	JP	31A	ED 13 CLEAR GATE		
	XA113	57							168	9		ED13PA	02	ED13PA	00	1	TQ2	E3	30B			
13406 13407	XA113	55		XA111	57				168	9		ED13P0	01	ED13PA	01	2	TQ2	E3	29B	ED 13 CLEAR GATE		
	XA111	57							168	9		ED13P0	02	ED13P0	00	1	TQ2	E3	30B			
13408 13409	XA113	52		XA109	50				168	9		ED131A	01	ED131A	00	1	TQ2	D1	24A	MD 28 TO ED 13		
	XA109	50							168	9		ED131A	02	ED1390	01	1	TD4	D2	23A			
13410 13411	XA113	46		XA109	46				168	9		ED133A	01	ED133A	00	1	TQ2	D2	21A	RECIRCULATE ED 13		
	XA109	46							168	9		ED133A	02	ED1390	01	3	TD4	D2	21A			
13412 13413	XA117	68		XA109	45				168	9		ED1390	01	ED1381	01	1	TDD	J1	32A	ED 13 INPUT DATA		
	XA109	45							168	9		ED1390	02	ED1390	00	1	TD4	D2	24B			
20864 18449	XA117	57		XA121	07				168	9		ED148P	01	ED148P	00	1	TDD	KP	30B			
	XA121	07							168	9		ED148P	02	EDSD0A	01	5	YS8	A1	03A			
19148 13417 13418	XA139	49		XA117	55				168	9		ED148Q	01	KD1400X	01	1	DCF	C2	27B	ED 14 - PRESET		
	XA117	55		XA111	36				168	9		ED148Q	02	ED148Q	00	1	TDD	KQ	29B			
	XA111	36							168	9		ED148Q	03	ED143A	01	1	TQ2	C2	17A			
13425 13426	XA117	64		XA113	63				168	9		ED14PA	01	ED148P	01	1	TDD	KP	30A	ED 14 CLEAR GATE		
	XA113	63							168	9		ED14PA	02	ED14PA	00	1	TQ2	E4	33B			
13427 13428	XA113	61		XA111	63				168	9		ED14P0	01	ED14PA	01	2	TQ2	E4	32B	ED 14 CLEAR GATE		
	XA111	63							168	9		ED14P0	02	ED14P0	00	1	TQ2	E4	33B			
13429 13430	XA111	38		XA109	38				168	9		ED141A	01	ED141A	00	1	TQ2	C1	18A	MD 29 TO ED 14		
	XA109	38							168	9		ED141A	02	ED1490	01	3	TD4	C1	18A			
13431 13432	XA111	30		XA109	37				168	9		ED143A	01	ED143A	00	1	TQ2	C2	15A	RECIRCULATE ED 14		
	XA109	37							168	9		ED143A	02	ED1490	01	4	TD4	C1	18B			
13433 13434	XA117	62		XA109	35				168	9		ED1490	01	ED1481	01	1	TDD	K1	29A	ED 14 INPUT DATA		
	XA109	35							168	9		ED1490	02	ED1490	00	1	TD4	C1	17F			
20844 18469	XA116	59		XA121	08				168	9		ED158P	01	ED158P	00	1	TDD	JP	31B			
	XA121	08							168	9		ED158P	02	EDSD0A	01	6	YS8	A1	06A			
19148 13438 13439	XA139	51		XA116	61				168	9		ED158Q	01	KD1500X	01	1	DCF	C4	28B	ED 15 - PRESET		
	XA116	61		XA111	37				168	9		ED158Q	02	ED158Q	00	1	TDD	JQ	32B			
	XA111	37							168	9		ED158Q	03	ED153A	01	2	TQ2	C4	18B			
									****			SIGNAL	ED15PA							IS ON THE NEXT PAGE	****	

DRAWING NUMBER		149011-800		STRING		UNIT ASSEMBLY NO		149011		REV D		INDEX		ED15PA				
UNIT ASSEMBLY NAME		CARD CAGE ASSY,CPU R.H.		FILE IDENT		T39B2CP2		DATE		09-03-82		PAGE		271				
RECORD NUMBER	PREFIX	CONNECTOR	PIN	TO	PREFIX	CONNECTOR	PIN	WIRE	CODE	COL	IDENT	SIGNAL	SEQ NO	EQUATION	TEST POINTS	SIGNAL DESCRIPTION	ECO NO	
															AND OP			
13446		XA116	66		XA113	45			16B 9			ED15PA	01	ED15BP	01 1	TDD JP	31A	
13447		XA113	45						16B 9			ED15PA	02	ED15PA	00 1	TQ2 D3	24B ED 15 CLEAR GATE	
13448		XA113	43		XA111	45			16B 9			ED15P0	01	ED15PA	01 2	TQ2 D3	23B	
13449		XA111	45						16B 9			ED15P0	02	ED15P0	00 1	TQ2 D3	24B ED 15 CLEAR GATE	
13450		XA111	33		XA109	34			16B 9			ED151A	01	ED151A	00 1	TQ2 C3	16B MD 30 TO ED 15	
13451		XA109	34						16B 9			ED151A	02	ED1590	01 2	TD4 C2	16A	
13452		XA111	39		XA109	36			16B 9			ED153A	01	ED153A	00 1	TQ2 C4	19B RECIRCULATE ED 15	
13453		XA109	36						16B 9			ED153A	02	ED1590	01 1	TD4 C2	17A	
13454		XA116	68		XA109	33			16B 9			ED1590	01	ED15B1	01 1	TDD J1	32A	
13455		XA109	33						16B 9			ED1590	02	ED1590	00 1	TD4 C2	16B ED 15 INPUT DATA	
20842		XA116	57		XA121	10			16B 9			ED16BP	01	ED16BP	00 1	TDD KP	30B	
18474		XA121	10						16B 9			ED16BP	02	EDSD0A	01 7	TS8 A1	07A	
19151		XA139	54		XA116	55			16B 9			ED16BQ	01	KD16D0X	01 1	DCF C6	30A	
13459		XA116	55		XA107	20			16B 9			ED16BQ	02	ED16BQ	00 1	TDD KQ	29B ED 16 - PRESET	
13460		XA107	20						16B 9			ED16BQ	03	ED163A	01 1	TQ2 B2	11A	
13469		XA116	64		XA113	51			16B 9			ED16PA	01	ED16BP	01 1	TDD KP	30A	
13470		XA113	51						16B 9			ED16PA	02	ED16PA	00 1	TQ2 D4	27B ED 16 CLEAR GATE	
13471		XA113	49		XA111	51			16B 9			ED16P0	01	ED16PA	01 2	TQ2 D4	26B	
13472		XA111	51						16B 9			ED16P0	02	ED16P0	00 1	TQ2 D4	27B ED 16 CLEAR GATE	
13473		XA109	25		XA107	22			16B 9			ED161A	01	ED1690	01 4	TD4 B1	12B	
13474		XA107	22						16B 9			ED161A	02	ED161A	00 1	TQ2 B1	12A MD 31 TO ED 16	
13475		XA109	22		XA107	14			16B 9			ED163A	01	ED1690	01 3	TD4 B1	12A	
13476		XA107	14						16B 9			ED163A	02	ED163A	00 1	TQ2 B2	09A RECIRCULATE ED 16	
13477		XA116	62		XA109	23			16B 9			ED1690	01	ED16B1	01 1	TDD KI	29A	
13478		XA109	23						16B 9			ED1690	02	ED1690	00 1	TD4 B1	11B ED 16 INPUT DATA	
19165		XA139	70		XA116	78			16B 9			ED17BQ	01	KD17D0X	01 1	DCF D8	35A	
13482		XA116	78		XA108	11			16B 9			ED17BQ	02	ED17BQ	00 1	TDD L0	38A ED 17 - PRESET	
13483		XA108	11						16B 9			ED17BQ	03	ED173A	01 2	TT3 A3	05B	
13492		XA111	21		XA109	18			16B 9			ED171A	01	ED171A	00 1	TQ2 B3	10B CC 09 TO ED 17	
13493		XA109	18						16B 9			ED171A	02	ED1790	01 2	TD4 B2	10A	
13494		XA109	19		XA108	15			16B 9			ED173A	01	ED1790	01 4	TD4 B2	09B	
13495		XA108	15						16B 9			ED173A	02	ED173A	00 1	TT3 A3	07B RECIRCULATE ED 17	
13496		XA116	77		XA109	21			16B 9			ED1790	01	ED17B1	01 1	TDD LI	38B	
13497		XA109	21						16B 9			ED1790	02	ED1790	00 1	TD4 B2	10B ED 17 INPUT DATA	
													**** SIGNAL ED18BQ IS ON THE NEXT PAGE ****					

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DRAWING NUMBER 149011-800
UNIT ASSEMBLY NAME CARD CAGE ASSY,CPU R.H.

STRING

UNIT ASSEMBLY NO 149011
PART IDENT T3982CP2

REV D DATE 09-03-82

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RECORD NUMBER	FROM				TO				MULTI GROUP	WIRE CODE	WIRE COLOR	IDENT	SIGNAL	SFO NO	EQUATION	TERMS	FACTORS	CKT OR CHIP TYPE	GROUP	LOAD OR POWER PLANE	TEST POINTS AND/OR	SIGNAL DESCRIPTION	TCO NO
	PREFIX	CONNECTOR	PIN	WIRE	PREFIX	CONNECTOR	PIN	WIRE															
13501	XA116	74			XA116	74			168	9			ED188Q	01	KD18D0X	01	1	DCF	02		34B		
13502	XA115	10			XA115	10			168	9			ED188Q	02	ED188Q	00	1	T00	MQ		35B	ED 18 - PRESET	
13503	XA107	04			XA107	04			168	9			ED188Q	03	EBSC8A	01	1	TQ2	A1		07A		
13512	XA115	08			XA111	06			168	9			ED181A	01	EBSC8A	01	2	TQ2	A1		06A		
13513	XA111	06			XA109	06			168	9			ED181A	02	ED181A	00	1	TQ2	A1		05A	CC 10 TO ED 18	
13514	XA109	06			XA109	06			168	9			ED181A	03	ED1890	01	3	TD4	A1		05A		
13515	XA109	13			XA107	01			168	9			ED183A	01	ED1890	01	4	TD4	A1		06B		
13516	XA107	01			XA107	01			168	9			ED183A	02	ED183A	00	1	TQ2	A2		02B	RECTRDCLAYE ED 18	
13517	XA116	71			XA109	11			168	9			ED1890	01	ED1881	01	1	T00	M1		36A		
13518	XA109	11			XA109	11			168	9			ED1890	02	ED1890	00	1	TD4	A1		05B	ED 18 INPUT DATA	
13519	XA106	10			XA107	40			168	9			EED1GA	01	EX06G0	01	1	TD4	A1		07A		
13520	XA107	40			XA544	79			188	9			EED1GA	02	EEDYCO	01	2	TQ2	C1		19A		
13521	XA544	79			XA114	24			188	9			EED1GA	03	C510S0	01	1	TT3	F1		39B		
13522	XA114	24			XA111	24			168	9			EED1GA	04	EED1G0	01	2	TQ2	B1		13A		
13523	XA111	24			XA111	20			168	9			EED1GA	05	EUDGCO	01	2	TQ2	B1		13A		
13524	XA111	20			XA108	04			168	9			EED1GA	06	EUDG00	01	1	TQ2	B2		11A		
13525	XA108	04			XA108	04			168	9			EED1GA	07	EED1GA	00	1	TT3	A1		04A	DIAGN0SE INSTR OP	
13530	XA114	22			XA111	48			168	9			EED1G0	01	EED1G0	00	1	TQ2	B1		12A		
13531	XA111	48			XA111	48			168	9			EED1G0	02	ED122A	01	2	TQ2	D2		22A		
13532	XA333	18			XA230	14			168	9			EEDTCA	01	JCPUED4	01	2	TL0	B2		10A		
13533	XA230	14			XA114	18			168	9			EEDTCA	02	CQATC0	01	3	TD4	B2		09A		
13534	XA114	18			XA113	04			168	9			EEDTCA	03	EEDCP10	01	2	TQ2	B2		10A		
13535	XA113	04			XA111	15			168	9			EEDTCA	04	EEDTE0	01	1	TQ2	A2		04A		
13536	XA111	15			XA111	15			168	9			EEDTCA	05	EEDTCA	00	1	TQ2	A4		07B	ATES/DIGI-APOL	
13539	XA104	43			XA107	38			168	9			EEDTCA	01	EX06HA	01	2	TQ2	D3		23B		
13540	XA107	38			XA113	64			168	9			EEDTCA	02	EEDTCA	00	1	TQ2	C1		18A		
13541	XA113	64			XA111	50			168	9			EEDTCA	03	ED112A	01	1	TQ2	E2		30A		
13542	XA111	50			XA111	62			168	9			EEDTCA	04	ED122A	01	1	TQ2	D2		23A		
13543	XA111	62			XA111	13			168	9			EEDTCA	05	ED102A	01	2	TQ2	E2		29A		
13544	XA111	13			XA114	77			168	9			EEDTCA	06	EEDTCA	01	2	TQ2	A4		06B		
13545	XA114	77			XA123	65			168	9			EEDTCA	07	ED092A	01	2	TQ2	F1		38B		
13546	XA123	65			XA123	65			168	9			EEDTCA	08	CLC5DA	01	1	TQ2	F3		34B		
13547	XA114	68			XA115	59			168	9			EEDTE0	01	ED052A	01	2	TQ2	E1		32A		
13548	XA115	59			XA115	62			168	9			EEDTE0	02	ED072A	01	1	TQ2	E4		31B		
13549	XA115	62			XA114	53			168	9			EEDTE0	03	ED062A	01	2	TQ2	E2		29A		
13550	XA114	53			XA114	54			168	9			EEDTE0	04	ED082A	01	1	TQ2	E3		28B		
13551	XA114	54			XA115	47			168	9			EEDTE0	05	ED012A	01	2	TQ2	D1		25A		
13552	XA115	47			XA115	48			168	9			EEDTE0	06	ED042A	01	1	TQ2	D4		25B		
13553	XA115	48			XA114	41			168	9			EEDTE0	07	ED022A	01	2	TQ2	D2		22A		
13554	XA114	41			XA113	01			168	9			EEDTE0	08	ED032A	01	1	TQ2	D3		22B		
13555	XA113	01			XA113	01			168	9			EEDTE0	09	EEDTE0	00	1	TQ2	A2		02B	ATES/DIGI-OPOL	

DRAWING NUMBER 149011-800
 UNIT ASSEMBLY NAME CARD CAGE ASSY,CPU R.H.

STRING

UNIT ASSEMBLY NO 149011
 FILE IDENT T39B2CP2

REV D
 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	WIRE NO	PREFIX	CONNECTOR	PIN	WIRE NO	MULTI GROUP	CODE	COLOR	IDENT											
13556 13557	XA112 XA107	21 10			XA107	10			16B 16B	9 9				EHZRCA EHZRCA	01 02	EHZRCA EHZRCA	00 01	1 1	TD4 TQ2	B2 A1	10B 07A	COMMAND H FLD IS	
13558 13559	XA108 XA107	06 06			XA107	06			16B 16B	9 9				EHZRCA EHZRCA	01 02	EEDIGA EHZRCA	01 00	3 1	TT3 TQ2	A1 A1	05A 05A		
13574 13575	XA134 XA113	19 38			XA113	38			16B 16B	9 9				ERUSCA ERUSCA	01 02	CRUSOA ERUSCA	01 00	7 1	TS8 TQ2	B1 C1	09B 18A	STOP IF ERROR- AT	
13576 13577	XA113 XA110	40 35			XA110	35			16B 16B	9 9				ERUSCO ERUSCO	01 02	ERUSCA ERUSCO	01 00	2 1	TQ2 TS8	C1 C1	19A 17B		
13578 13579	XA113 XA110	30 38			XA110	38			16B 16B	9 9				ERUSDA ERUSDA	01 02	ERUSDA ERUSCO	00 01	1 3	TQ2 TS8	C2 C1	15A 18A	STATE.(DB ALL ONE	
13580 13581	XA113 XA110	36 47			XA110	47			16B 16B	9 9				ERUSEO ERUSEO	01 02	ERUSDA ERUSEO	01 00	1 1	TQ2 TS8	C2 D1	17A 25B	T0/T1/T10/T11/	
13582 13583	XA108 XA110	63 31			XA110	31			16B 16B	9 9				ERUSFA ERUSFA	01 02	ERUSFA ERUSCO	00 01	1 7	TT3 TS8	E3 C1	33B 15B		
13584 13585	XA113 XA110	15 37			XA110	37			16B 16B	9 9				ERUSGA ERUSGA	01 02	ERUSGA ERUSCO	00 01	1 8	TQ2 TS8	A4 C1	07B 18B	STATE.((CKZR*.DBC	
13586 13587	XA113 XA110	13 59			XA110	59			16B 16B	9 9				ERUSHO ERUSHO	01 02	ERUSGA ERUSHO	01 00	2 1	TQ2 TS8	A4 E1	06B 31B	T2/T3/T4/T5/(E2/	
13588 13589	XA113 XA110	22 36			XA110	36			16B 16B	9 9				ERUSJA ERUSJA	01 02	ERUSJA ERUSCO	00 01	1 4	TQ2 TS8	B1 C1	12A 17A	E6DIG.((CKZR*.DBC	
13590 13591	XA113 XA110	14 30			XA110	30			16B 16B	9 9				ERUSKA ERUSKA	01 02	ERUSKA ERUSCO	00 01	1 6	TQ2 TS8	B2 C1	09A 15A	T6.((CKZR*.D24ONE	
13592 13593	XA113 XA110	21 34			XA110	34			16B 16B	9 9				ERUSLA ERUSLA	01 02	ERUSLA ERUSCO	00 01	1 5	TQ2 TS8	B3 C1	10B 16A	STATE.(DB ALL ZER	
13594 13595	XA113 XA110	17 76			XA110	76			16B 16B	9 9				ERUSMO ERUSMO	01 02	ERUSLA ERUSMO	01 00	1 1	TQ2 TS8	B3 F1	08B 37A	T7/T12/T14/T15/(C	
13596 13597	XA113 XA110	27 40			XA110	40			16B 16B	9 9				ERUSNA ERUSNA	01 02	ERUSNA ERUSCO	00 01	1 2	TQ2 TS8	B4 C1	13B 19A	(T16/E16DIG).(DBZ	
13598 13599	XA113 XA111	20 75			XA111	75			16B 16B	9 9				ERUSXO ERUSXO	01 02	ERUSKA ERUSXO	01 00	1 1	TQ2 TQ2	B2 F1	11A 37B	(CKZR*.D24ONES*)/	
13600 13601 13602	XA113 XA113 XA111	11 24 72			XA113 XA111	24 72			16B 16B 16B	9 9 9				ERUSZO ERUSZO ERUSZO	01 02 03	ERUSGA ERUSJA ERUSZO	01 01 00	1 2 1	TQ2 TQ2 TQ2	A4 B1 F2	05B 13A 34A	(CKZR*.DBONES*)/	

DRAWING NUMBER		149011-800		STRING		UNIT ASSEMBLY NO		149011		REV D		INDEX		ERUSZO										
UNIT ASSEMBLY NAME		CARD CAGE ASSY,CPU R.H.		FILE IDENT		T39B2CP2		DATE		09-03-82		PAGE		274										
RECORD NUMBER	FROM				TO				WIRE				SIGNAL	SEQ NO	EQUATION	TERM	FACT	CMT OR CHIP TYPE	GROUP	LOAD OR POWER PLANE	TEST POINTS AND OR	SIGNAL DESCRIPTION	ECO NO	
	PREFIX	CONNECTOR	PIN	WIRE NO	PREFIX	CONNECTOR	PIN	WIRE NO	MULTI GROUP	CODE	COLOR	IDENT												WIRE NO
13603		XA113	06		XA111	71			16B	9			ERUS0A	01	ERUS0A	00	1	TQ2	A1		05A	(CK=1)*.(DB=ZERO)		
13604		XA111	71						16B	9			ERUS0A	02	ERUSZO	01	2	TQ2	F2		36A			
13605		XA113	33		XA111	73			16B	9			ERUS1A	01	ERUS1A	00	1	TQ2	C3		16B	(CK=0)*.(DB=ONES)		
13606		XA111	73						16B	9			ERUS1A	02	ERUSZO	01	1	TQ2	F2		36B			
13607		XA113	39		XA111	77			16B	9			ERUS2A	01	ERUS2A	00	1	TQ2	C4		19B	(CK=1)*.(DB0831=0)		
13608		XA111	77						16B	9			ERUS2A	02	ERUSX0	01	2	TQ2	F1		36B			
13609		XA113	75		XA111	79			16B	9			ERUS3A	01	ERUS3A	00	1	TQ2	F1		37B	(CK=0)*.(DB0831=Z)		
13610		XA111	79						16B	9			ERUS3A	02	ERUSX0	01	1	TQ2	F1		39B			
13611		XA208	14		XA208	08			16B	9			ESE2CA	01	CSE0U0	01	6	YS8	B1		09A			
13612		XA208	08		XA111	69			16B	9			ESE2CA	02	CSE0T0	01	2	YS8	A1		06A			
13613		XA111	69						16B	9			ESE2CA	03	ESE2CA	00	1	TQ2	F3		35A	SLC ES02 IF CKZR*		
13614		XA207	56		XA202	14			16B	9			EST2CA	01	CSL4Y0	01	1	TQ4	D1		26A			
13615		XA202	14		XA111	80			16B	9			EST2CA	02	CSL4Y0	01	6	YS8	B1		09A			
13616		XA111	80						16B	9			EST2CA	03	EST2CA	00	1	TQ2	F4		39A	SLC YS02 IF CKZR*		
13617		XA504	10		XA103	01			16B	9			ESOTBP	00	PLPRZ0	01	1	YT3	A1		07A			
13619		XA103	01		XA107	42			16B	9			ESOTBP	01	EDC2CA	01	6	YS8	A1		02B			
13620		XA107	42		XA110	14			16B	9			ESOTBP	02	EEDTC0	01	1	TQ2	C1		20A			
13621		XA110	14		XA217	72			16B	9			ESOTBP	03	EDC3CA	01	6	YS8	B1		09A			
13622		XA217	72		XA117	76			16B	9			ESOTBP	04	CS0BRA	01	2	YT3	F2		34A			
13623		XA117	76		XA147	45			16B	9			ESOTBP	05	ESOTBP	00	1	TQ0	LP		37A			
21815		XA147	45						16B	9			ESOTBP	06				EXT						
13625		XA326	62		XA117	78			16B	9			ESOTBQ	01	DC06RD	01	2	YLD	E2		29A			
13626		XA117	78		XA113	62			16B	9			ESOTBQ	02	ESOTBQ	00	1	TQ0	LQ		36A	SET AT BOOTSTRAP		
13627		XA113	62		XA108	22			16B	9			ESOTBQ	03	ED11Z2A	01	2	TQ2	E2		29A			
13628		XA108	22		XA107	03			16B	9			ESOTBQ	04	ESOTRA	01	3	TT3	B1		12A			
13629		XA107	03		XA107	13			16B	9			ESOTBQ	05	ESOTCA	01	1	TQ2	A3		02A			
13630		XA107	13		XA105	05			16B	9			ESOTBQ	06	ESOTDA	01	2	TQ2	A4		06B			
13631		XA105	05						16B	9			ESOTBQ	07	ESOTIA	01	2	TQ2	A2		03B			
13636		XA514	53		XA111	04			16B	9			ESOTCA	01	PQ04CA	01	1	TQ2	E3		28B			
13637		XA111	04		XA107	09			16B	9			ESOTCA	02	ESOTCO	01	1	TQ2	A2		04A			
13638		XA107	09						16B	9			ESOTCA	03	ESOTCA	00	1	TQ2	A3		04B	AUTOMATIC TEST ST		
13641		XA111	01		XA105	07			16B	9			ESOTCO	01	ESOTCO	00	1	TQ2	A2		02B	AYES		
13642		XA105	07		XA105	11			16B	9			ESOTCO	02	ETO0CA	01	2	TQ2	A3		03A			
13643		XA105	11		XA105	17			16B	9			ESOTCO	03	ET01CA	01	1	TQ2	A4		05B			
13644		XA105	17		XA105	18			16B	9			ESOTCO	04	ET03CA	01	1	TQ2	B3		06B			
13645		XA105	18		XA105	23			16B	9			ESOTCO	05	ET02CA	01	2	TQ2	B2		10A			
13646		XA105	23		XA107	23			16B	9			ESOTCO	06	ET04CA	01	1	TQ2	B4		11B			
13647		XA107	23		XA105	34			16B	9			ESOTCO	07	ET05CA	01	1	TQ2	B4		11B			
13648		XA105	34		XA105	24			16B	9			ESOTCO	08	ET07CA	01	2	TQ2	C2		16A			
													****	SIGNAL	(ESOTCO	S ON THE		NEXT PAGE	****					

DRAWING NUMBER		149011-800		STRING		UNIT ASSEMBLY NO.		149011		REV D		INDEX		ESOTCO										
UNIT ASSEMBLY NAME		CARD CAGE ASSY, CPU R.H.		FILE IDENT		T39B2CP2		DATE		09-03-82		PAGE		275										
RECORD NUMBER	FROM			TO			WIRE			SIGNAL	SEQ NO	EQUATION	Z	E	ACT	CHP	OR	TYPE	PROP	LOAD OR POWER PLANE	TEST POINTS		SIGNAL DESCRIPTION	ECO NO
	PREFIX	CONNECTOR	PIN	PREFIX	CONNECTOR	PIN	MULTI GROUP	CODE	COLOR												IDENT	AND		
13650		XA105	24		XA104	49		168	9		ESOTCO	09	ET06CA	01	2	TQ2	B1					13A		
1365C		XA104	49					168	9		ESOTCO	10	EYABLA	01	2	TQ2	D4					26B		
13651		XA107	15		XA105	08		168	9		ESOTDA	01	ESOTDA	00	1	TQ2	A4					07B	AUTOMATIC TEST ST	
13652		XA105	08					168	9		ESOTDA	02	ESOTDO	01	2	TQ2	A1					06A		
13653		XA108	52		XA108	45		168	9		ESOTDO	01	ET15CA	01	3	TT3	D1					24A		
13654		XA108	45		XA108	46		168	9		ESOTDO	02	ET17CA	01	1	TT3	D3					24B		
13655		XA108	46		XA108	38		168	9		ESOTDO	03	ET16CA	01	2	TT3	D2					21A		
13656		XA108	38		XA108	33		168	9		ESOTDO	04	ET12CA	01	3	TT3	C1					18A		
13657		XA108	33		XA108	29		168	9		ESOTDO	05	ET14CA	01	1	TT3	C3					16B		
13658		XA108	29		XA108	25		168	9		ESOTDO	06	ET13CA	01	3	TT3	C2					14B		
13659		XA108	25		XA108	17		168	9		ESOTDO	07	ET11CA	01	3	TT3	B3					12B		
13660		XA108	17		XA105	06		168	9		ESOTDO	08	ET10CA	01	3	TT3	B2					08B		
13661		XA105	06					168	9		ESOTDO	09	ESOTDO	00	1	TQ2	A1					05A	ATES	
13662		XA215	73		XA213	66		168	9		ESOTRA	01	CS0LBP	01	1	TDD	MP					36B		
13663		XA213	66		XA213	64		168	9		ESOTRA	02	CS10BP	01	1	TDD	JP					31A		
13664		XA213	64		XA205	57		168	9		ESOTRA	03	CS11BP	01	1	TDD	KP					30A		
13665		XA205	57		XA108	20		168	9		ESOTRA	04	CSR510	01	1	TT3	E3					30B		
13666		XA108	20					168	9		ESOTRA	05	ESOTRA	00	1	TT3	B1					11A	BTSP RESET CS,PT	
13667		XA109	09		XA108	09		168	9		ESOTXA	01	ESOTXA	00	1	TD4	A2					04B	RST ATES AT T17	
13668		XA108	09		XA105	04		168	9		ESOTXA	02	ED173A	01	1	TT3	A3					04B		
13669		XA105	04					168	9		ESOTXA	03	ESOT1A	01	1	TQ2	A2					04A		
13670		XA106	37		XA105	01		168	9		ESOT1A	01	ESOT90	01	4	TD4	C1					18B		
13671		XA105	01					168	9		ESOT1A	02	ESOT1A	00	1	TQ2	A2					02B	HOLD AUTO TEST	
13672		XA117	77		XA106	35		168	9		ESOT90	01	ESOTBI	01	1	TDD	LI					38B		
13673		XA106	35					168	9		ESOT90	02	ESOT90	00	1	TD4	C1					17B	DATA IN- AYES SET	
13674		XA105	09		XA108	60		168	9		ET00CA	01	ET00CA	00	1	TQ2	A3					04B		
13675		XA108	60		XA107	59		168	9		ET00CA	02	E70500	01	2	TT3	E2					28A		
13676		XA107	59		XA106	70		168	9		ET00CA	03	E339C0	01	1	TQ2	E4					31B		
13677		XA106	70		XA106	74		168	9		ET00CA	04	E360C0	01	1	TD4	E1					33A		
13678		XA106	74		XA103	74		168	9		ET00CA	05	E621C0	01	4	TD4	F2					35B		
13679		XA103	74		XA104	74		168	9		ET00CA	06	E450C0	01	7	TS8	F1					35B		
13680		XA104	74					168	9		ET00CA	07	E518C0	01	2	TQ2	F3					35B		
13681		XA103	68		XA103	40		168	9		ET01CA	01	E406C0	01	2	TS8	E1					32A		
13682		XA103	40		XA107	41		168	9		ET01CA	02	E200C0	01	2	TS8	C1					19A		
13683		XA107	41		XA110	50		168	9		ET01CA	03	EVO1C0	01	1	TQ2	D3					22B		
13684		XA110	50		XA110	10		168	9		ET01CA	04	ERUSE0	01	4	TS8	D1					23A		
13685		XA110	10		XA105	15		168	9		ET01CA	05	E214C0	01	1	TS8	A1					07A		
13686		XA105	15		XA103	22		168	9		ET01CA	06	ET01CA	00	1	TQ2	A4					07B		
13687		XA103	22		XA103	72		168	9		ET01CA	07	E605C0	01	3	TS8	B1					12A		
13688		XA103	72		XA106	75		168	9		ET01CA	08	E450C0	01	6	TS8	F1					34A		
13689		XA106	75					168	9		ET01CA	09	E522C0	01	3	TD4	F1					37B		
											****	SIGNAL	ET02CA	S ON THE NEXT PAGE ****										

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DRAWING NUMBER		149011-800		STRING		UNIT ASSEMBLY NO.		149011		REV 0		INDEX		ET02CA							
UNIT ASSEMBLY NAME				CARD CAGE ASSY, CPU R.H.				FILE IDENT		T3982CP2		DATE		09-03-82		PAGE		276			
RECORD NUMBER	FROM				TO				WIRE		SIGNAL	SEQ NO	EQUATION	TER	FAC	C/T OR CHIP TYPE	GROUP	LOAD OR POWER PLANE	TEST POINTS AND/OR	SIGNAL DESCRIPTION	TCO NO
	PREFIX	CONNECTION	PIR	2	PREFIX	CONNECTION	PIR	2	MULTI GROUP	CODE											
13690		XA105	14		XA107	64			168	9		ET02CA	01	ET02CA	00	1	TQ2	B2		09A	
13691		XA107	64		XA107	76			168	9		ET02CA	02	E236C0	01	1	TQ2	E2		30A	
13692		XA107	76		XA547	37			168	9		ET02CA	03	E02C0	01	1	TQ2	F4		37A	
13693		XA547	37		XA547	48			168	9		ET02CA	04	CMN190	01	8	TS8	C1		16B	
13694		XA547	48						168	9		ET02CA	05	CMN290	01	5	TS8	D1		22A	
13697		XA110	55		XA107	55			168	9		ET03CA	01	ERUSH0	01	7	TS8	E1		29B	
13698		XA107	55		XA105	21			168	9		ET03CA	02	E237C0	01	2	TQ2	E3		29B	
13699		XA105	21						168	9		ET03CA	03	ET03CA	00	1	TQ2	B3		10B	
13700		XA110	68		XA106	64			168	9		ET04CA	01	ERUSH0	01	2	TS8	E1		32A	
13701		XA106	64		XA103	62			168	9		ET04CA	02	E457C0	01	1	TQ4	E2		30A	
13702		XA105	62		XA105	27			168	9		ET04CA	03	E406C0	01	5	TS8	E1		29A	
13703		XA105	27						168	9		ET04CA	04	ET04CA	00	1	TQ2	B4		13B	
13704		XA110	62		XA107	27			168	9		ET05CA	01	ERUSH0	01	5	TS8	E1		29A	
13705		XA107	27		XA530	18			168	9		ET05CA	02	ET05CA	00	1	TQ2	B4		13B	
13706		XA530	18						168	9		ET05CA	03	C510V0	01	1	TT3	B2		10A	
13709		XA110	64		XA346	50			168	9		ET06CA	01	ERUSH0	01	4	TS8	E1		30A	
13710		XA346	50		XA404	14			168	9		ET06CA	02	CY08F0	01	1	TQ4	D2		23A	
13711		XA404	14		XA404	10			168	9		ET06CA	03	CM0890	01	6	TS8	B1		09A	
13712		XA404	10		XA105	22			168	9		ET06CA	04	CM0690	01	1	TS8	A1		07A	
20736		XA105	22		XA104	41			168	9		ET06CA	05	ET06CA	00	1	TQ2	B1		12A	
13714		XA104	41		XA548	04			168	9		ET06CA	06	EX06HA	01	1	TQ2	D3		22B	
13715		XA548	04						168	9		ET06CA	07	CM090	01	4	TS8	A1		04A	
13724		XA106	79		XA103	71			168	9		ET07CA	01	E522C0	01	1	TQ4	F1		39B	
13725		XA103	71		XA104	65			168	9		ET07CA	02	E450C0	01	5	TS8	F1		36A	
13726		XA104	65		XA103	64			168	9		ET07CA	03	E518C0	01	1	TQ2	F3		34B	
13727		XA103	64		XA103	62			168	9		ET07CA	04	E406C0	01	4	TS8	E1		30A	
13728		XA103	42		XA105	30			168	9		ET07CA	05	E200C0	01	1	TS8	C1		20A	
13729		XA105	30		XA107	36			168	9		ET07CA	06	ET07CA	00	1	TQ2	C2		15A	
13730		XA107	36		XA107	47			168	9		ET07CA	07	ET07C0	01	1	TQ2	C2		17A	
13731		XA107	47		XA110	13			168	9		ET07CA	08	E07C0	01	1	TQ2	D4		25B	
13732		XA110	13						168	9		ET07CA	09	E214C0	01	8	TS8	A1		06B	
13733		XA113	18		XA107	30			168	9		ET07C0	01	ERUSKA	01	2	TQ2	B2		10A	
13734		XA107	30		XA111	78			168	9		ET07C0	02	ET07C0	00	1	TQ2	C2		15A	Y7
13735		XA111	78						168	9		ET07C0	03	EST2CA	01	2	TQ2	F4		36A	
13736		XA110	08		XA108	19			168	9		ET10CA	01	E214C0	01	2	TS8	A1		06A	
13737		XA108	19		XA103	18			168	9		ET10CA	02	ET10CA	00	1	TT3	B2		09B	
13738		XA103	18		XA110	79			168	9		ET10CA	03	E605C0	01	5	TS8	B1		10A	
13739		XA110	79		XA404	37			168	9		ET10CA	04	ERUSH0	01	1	TS8	F1		39B	
13740		XA404	37						168	9		ET10CA	05	CM0990	01	8	TS8	C1		16B	
13743		XA108	27		XA110	46			168	9		ET11CA	01	ET11CA	00	1	TT3	B3		13B	
13744		XA110	46		XA105	56			168	9		ET11CA	02	ERUSE0	01	6	TS8	D1		21A	
13745		XA105	56		XA103	52			168	9		ET11CA	03	ET11C0	01	1	TQ2	D1		26A	
									***		SIGNAL	ET11CA		S ON THE			NEXT PAGE	***			

DRAWING NUMBER 149011-800
 UNIT ASSEMBLY NAME CARD CAGE ASSY, CPU R.H.

STRING

UNIT ASSEMBLY NO. 149011
 FILE IDENT T39B2CP2

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RECORD NUMBER	FROM				TO				WIRE	IDENT	SIGNAL	SEQ NO	COU TION	TERMIN	FACT	CKT OR CHIP TYPE	PROP	LOAD CP POWER PLANE	TEST POINTS AND/OR	SIGNAL DESCRIPTION	ECO NO
	PREFIX	CONNECTOR	PIN	C I	PREFIX	CONNECTOR	PIN	C I													
13746		XA103	52		XA103	31		168 9		ET11CA	04	E242C0	01	3	TS8	01		24A			
13747		XA103	31					168 9		ET11CA	05	E200C0	01	7	TS8	C1		15B			
13750		XA330	08		XA105	52		168 9		ET11C0	01	DE3110	01	2	TLD	A1		06A			
13751		XA105	52					168 9		ET11C0	02	ET11C0	00	1	TQ2	D1		24A			
13752		XA106	72		XA109	56		168 9		ET12CA	01	E621C0	01	3	T04	F2		34A			
13753		XA103	56		XA108	36		168 9		ET12CA	02	E242C0	01	1	TS8	01		26A			
13754		XA108	36		XA110	06		168 9		ET12CA	03	ET12CA	00	1	TY3	C1		17A			
13755		XA110	06		XA110	56		168 9		ET12CA	04	E214C0	01	3	TS8	A1		05A			
13756		XA110	56					168 9		ET12CA	05	ERUSE0	01	1	TS8	01		26A			
13757		XA108	31		XA103	54		168 9		ET13CA	01	EY13CA	00	1	TY3	C2		15B			
13758		XA103	54		XA107	68		168 9		ET13CA	02	E242C0	01	2	TS8	D1		25A			
13759		XA107	68		XA110	72		168 9		ET13CA	03	E203C0	01	2	TQ2	E1		32A			
13760		XA110	72					168 9		ET13CA	04	ERUSM0	01	6	TS8	F1		34A			
13761		XA309	01		XA110	48		168 9		ET14CA	01	C344C0	01	6	TS8	A1		02B			
13762		XA110	48		XA108	39		168 9		ET14CA	02	ERUSE0	01	5	TS8	D1		22A			
13763		XA108	39		XA103	50		168 9		ET14CA	03	ET14CA	00	1	TY3	C3		19B			
13764		XA103	50					168 9		ET14CA	04	E242C0	01	4	TS8	01		23A			
13765		XA404	31		XA103	79		168 9		ET15CA	01	CMD990	01	7	TS8	C1		15B			
22658		XA103	79		XA110	71		168 9		ET15CA	02	E450C0	01	1	TS8	F1		39B			
13767		XA110	71		XA108	50		168 9		ET15CA	03	ERUSM0	01	5	TS8	F1		36A			
13768		XA108	50		XA103	20		168 9		ET15CA	04	ET15CA	00	1	TY3	D1		23A			
13769		XA103	20					168 9		ET15CA	05	E605C0	01	4	TS8	B1		11A			
13772		XA108	43		XA110	73		168 9		ET16CA	01	EY16CA	00	1	TY3	D2		23B			
13773		XA110	73		XA106	60		168 9		ET16CA	02	ERUSM0	01	4	TS8	F1		36B			
13774		XA106	60					168 9		ET16CA	03	E457C0	01	3	T04	E2		28A			
13775		XA405	71		XA409	10		168 9		ET17CA	01	CMD590	01	5	TS8	F1		36A			
13776		XA409	10		XA221	65		168 9		ET17CA	02	CMD790	01	1	T04	A1		07A			
13777		XA221	65		XA207	54		168 9		ET17CA	03	CKR5T0	01	3	TY3	F2		34B			
13778		XA207	54		XA209	56		168 9		ET17CA	04	CSL4T0	01	2	T04	D1		25A			
13779		XA209	56		XA209	55		168 9		ET17CA	05	CSI090	01	1	TS8	D1		26A			
13780		XA209	55		XA208	74		168 9		ET17CA	06	CS1190	01	7	TS8	E1		29B			
13781		XA208	74		XA204	71		168 9		ET17CA	07	CS0L90	01	7	TS8	F1		35B			
13782		XA204	71		XA108	51		168 9		ET17CA	08	CSL6C0	01	2	TQ2	F2		36A			
13783		XA108	51		XA105	43		168 9		ET17CA	09	EY17CA	00	1	TY3	D3		27B			
13784		XA105	43					168 9		ET17CA	10	EV17C0	01	2	TQ2	D3		23B			
13787		XA111	22		XA104	24		168 9		EUDGCO	01	EUDGCO	00	1	TQ2	B1		12A	(DIG).(H = 0).(ES		
13788		XA104	24		XA104	23		168 9		EUDGCO	02	EU04CA	01	2	TQ2	B1		13A			
13789		XA104	23		XA104	18		168 9		EUDGCO	03	EU07CA	01	1	TQ2	B4		11B			
13790		XA104	18		XA104	17		168 9		EUDGCO	04	EU05CA	01	2	TQ2	B2		10A			
13791		XA104	17		XA104	08		168 9		EUDGCO	05	EU06CA	01	1	TQ2	B3		08B			
13792		XA104	08		XA104	11		168 9		EUDGCO	06	EU00CA	01	2	TQ2	A1		06A			
13793		XA104	11		XA104	05		168 9		EUDGCO	07	EU03CA	01	1	TQ2	A4		05B			
										****	SIGNAL	EUDGCO	IS ON THE NEXT PAGE				****				

DRAWING NUMBER 149011-800
 UNIT ASSEMBLY NAME CARD CAGE ASSY, CPU R.H.

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RECORD NUMBER	FROM				TO				WIRE		SIGNAL	SFC NO	EQUATION	3 TEST	FACIL	CMT OR CHIP TYPE	PROP	LOAD OR POWER PLANE	TEST POINTS AND/OR	SIGNAL DESCRIPTION	ECO NO
	PREFIX	CONNECTOR	PIN	WIRE NO	PREFIX	CONNECTOR	PIN	WIRE NO	MULTI GROUP	CODE											
13794		XA104	05		XA104	03			168	9		EUDGCO	08	EU01CA	01	2	TQ2	A2		03B	
13795		XA104	03						168	9		EUDGCO	09	EU02CA	01	1	TQ2	A3		02A	
13796		XA111	14		XA107	54			168	9		EUDGDO	01	EUDGDO	00	1	TQ2	B2		09A	(DIG).(H = 0).(ES
13797		XA107	54		XA107	50			168	9		EUDGDO	02	EU16CA	01	2	TQ2	D1		25A	
13798		XA107	50		XA107	35			168	9		EUDGDO	03	EU17CA	01	1	TQ2	D2		23A	
13799		XA107	35		XA107	31			168	9		EUDGDO	04	EU15CA	01	1	TQ2	C4		17B	
13800		XA107	31		XA105	40			168	9		EUDGDO	05	EU14CA	01	2	TQ2	C3		15B	
13801		XA105	40		XA104	35			168	9		EUDGDO	06	EU10CA	01	2	TQ2	C1		19A	
13802		XA104	35		XA104	34			168	9		EUDGDO	07	EU13CA	01	1	TQ2	C4		17B	
13803		XA104	34		XA104	29			168	9		EUDGDO	08	EU11CA	01	2	TQ2	C2		16A	
13804		XA104	29						168	9		EUDGDO	09	EU12CA	01	1	TQ2	C3		14B	
13805		XA104	06		XA108	53			168	9		EU00CA	01	EU00CA	00	1	TQ2	A1		05A	(DIG).(H = 0).(ES
13806		XA108	53		XA107	61			168	9		EU00CA	02	E705D0	01	3	T13	E2		28B	
13807		XA107	61		XA106	68			168	9		EU00CA	03	E339C0	01	2	TQ2	E4		32B	
13808		XA106	68		XA106	71			168	9		EU00CA	04	E360C0	01	2	TQ4	F1		32A	
13809		XA106	71		XA103	77			168	9		EU00CA	05	E621C0	01	2	TQ4	F2		36A	
13810		XA103	77						168	9		EU00CA	06	E450C0	01	2	TS8	F1		38B	
13811		XA110	05		XA104	01			168	9		EU01CA	01	E214C0	01	5	TS8	A1		03B	
13812		XA104	01		XA103	14			168	9		EU01CA	02	EU01CA	00	1	TQ2	A2		02B	(DIG).(H = 0).(ES
13813		XA103	14		XA103	34			168	9		EU01CA	03	E605C0	01	4	TS8	B1		09A	
13814		XA103	34		XA107	43			168	9		EU01CA	04	E200C0	01	5	TS8	C1		16A	
13815		XA107	43		XA110	49			168	9		EU01CA	05	EV01C0	01	2	TQ2	D3		23B	
13816		XA110	49		XA106	77			168	9		EU01CA	06	ERUSE0	01	8	TS8	D1		26B	
13817		XA106	77		XA103	73			168	9		EU01CA	07	E522C0	01	2	TQ4	F1		38B	
13818		XA103	73		XA103	61			168	9		EU01CA	08	E450C0	01	4	TS8	F1		36B	
13819		XA103	61						168	9		EU01CA	09	E406C0	01	8	TS8	E1		32B	
13820		XA107	78		XA107	62			168	9		EU02CA	01	EV02C0	01	2	TQ2	F4		38A	
13821		XA107	62		XA104	09			168	9		EU02CA	02	E236C0	01	2	TQ2	E2		29A	
13822		XA104	09						168	9		EU02CA	03	EU02CA	00	1	TQ2	A3		04B	(DIG).(H = 0).(ES
13823		XA110	61		XA107	53			168	9		EU03CA	01	ERUSH0	01	8	TS8	E1		32B	
13824		XA107	53		XA104	15			168	9		EU03CA	02	E237C0	01	1	TQ2	E3		28B	
13825		XA104	15						168	9		EU03CA	03	EU03CA	00	1	TQ2	A4		07B	(DIG).(H = 0).(ES
13826		XA110	70		XA106	62			168	9		EU04CA	01	ERUSH0	01	1	TS8	E1		33A	
13827		XA106	62		XA103	60			168	9		EU04CA	02	E457C0	01	2	TQ4	E2		29A	
13828		XA103	60		XA104	22			168	9		EU04CA	03	E406C0	01	6	TS8	E1		28A	
13829		XA104	22						168	9		EU04CA	04	EU04CA	00	1	TQ2	B1		12A	(DIG).(H = 0).(ES
13830		XA110	60		XA104	14			168	9		EU05CA	01	ERUSH0	01	6	TS8	E1		28A	
13831		XA104	14						168	9		EU05CA	02	EU05CA	00	1	TQ2	B2		09A	(DIG).(H = 0).(ES
13832		XA110	66		XA313	49			168	9		EU06CA	01	ERUSH0	01	3	TS8	E1		31A	
13833		XA313	49		XA103	26			168	9		EU06CA	02	C358C0	01	8	TS8	D1		26B	
13834		XA103	26		XA104	21			168	9		EU06CA	03	E605C0	01	1	TS8	B1		14A	
13835		XA104	21		XA404	36			168	9		EU06CA	04	EU06CA	00	1	TQ2	B3		10B	(DIG).(H = 0).(ES
									***		SIGNAL	EU06CA		IS ON THE		NEXT PAGE	****				

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149011-800												149011		09-03-82		PAGE		281			
UNIT ASSEMBLY NAME		CARD CAGE ASSY, CPU R.H.										FILE IDENT		DATE		PAGE		E203CA			
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RECORD NUMBER	FROM				TO				WIRE		SIGNAL	SEQ NO	EQUATION	3 TERM	ELECTRONIC SYMBOL	CKT OR CHIP TYPE	PROP	LOAD OR POWER PLANE	TEST POINTS AND/OR	SIGNAL DESCRIPTION	ECO NO
	PREFIX	CONNECTOR	PIN	QTY	PREFIX	CONNECTOR	PIN	QTY	MULTI GROUP	CODE											
13935		XA244	22			XA105	66			168	9	E203CA	01	CHA270	01	3	TT3	B1		12A	
13936		XA105	66							168	9	E203CA	02	E203CA	00	1	TQ2	E1		31A	CLEAR AC SE-31 -
13939		XA107	66			XA105	68			168	9	E203C0	01	E203C0	00	1	TQ2	E1		31A	CLEAR AC SE-31 -
13940		XA105	68							168	9	E203C0	02	E203CA	01	2	TQ2	E1		32A	
13941		XA246	70			XA104	60			168	9	E214CA	01	CHA890	01	1	TS8	E1		33A	
13942		XA104	60							168	9	E214CA	02	E214CA	00	1	TQ2	E2		28A	DB 00-31 TO AY SE
13945		XA110	11			XA104	62			168	9	E214C0	01	E214C0	00	1	TS8	A1		05B	DB 00-31 TO AY SE
13946		XA104	62							168	9	E214C0	02	E214CA	01	2	TQ2	E2		29A	
13947		XA247	20			XA105	60			168	9	E236CA	01	CMB890	01	4	TS8	B1		11A	
13948		XA105	60							168	9	E236CA	02	E236CA	00	1	TQ2	E2		28A	AC 00-31 TO DB 00
13951		XA107	60			XA105	62			168	9	E236C0	01	E236C0	00	1	TQ2	E2		28A	AC 00-31 TO DB 00
13952		XA105	62							168	9	E236C0	02	E236CA	01	2	TQ2	E2		29A	
13953		XA247	07			XA105	57			168	9	E237CA	01	CMB790	01	7	TS8	A1		03A	
13954		XA105	57							168	9	E237CA	02	E237CA	00	1	TQ2	E3		30B	AY 00-31 TO DB 00
13957		XA107	57			XA105	55			168	9	E237C0	01	E237C0	00	1	TQ2	E3		30B	AY 00-31 TO DB 00
13958		XA105	55							168	9	E237C0	02	E237CA	01	2	TQ2	E3		29B	
13959		XA248	76			XA247	24			168	9	E242CA	01	CMB690	01	8	TS8	F1		38A	
13960		XA247	24			XA247	10			168	9	E242CA	02	CMB890	01	2	TS8	B1		13A	
13961		XA247	10			XA104	57			168	9	E242CA	03	CMB790	01	1	TS8	A1		07A	
13962		XA104	57							168	9	E242CA	04	E242CA	00	1	TQ2	E3		30B	AT 00-31 TO DB 00
13965		XA104	53			XA103	47			168	9	E242C0	01	E242CA	01	1	TQ2	E3		28B	
13966		XA103	47							168	9	E242C0	02	E242C0	00	1	TS8	D1		25B	AY 00-31 TO DB 00
13967		XA408	37			XA105	63			168	9	E339CA	01	CMC390	01	8	TS8	C1		18B	
13968		XA105	63							168	9	E339CA	02	E339CA	00	1	TQ2	E4		33B	LOA +00003CK0005
13971		XA107	63			XA105	61			168	9	E339C0	01	E339C0	00	1	TQ2	E4		33B	TO/(EO.DIGI)
13972		XA105	61							168	9	E339C0	02	E339CA	01	2	TQ2	E4		32B	
13973		XA307	46			XA107	75			168	9	E345CA	01	C345C0	01	3	TD4	D2		21A	
13974		XA107	75							168	9	E345CA	02	E345CA	00	1	TQ2	F1		37B	BTR DB1630CL0014
13975		XA108	64			XA107	77			168	9	E345C0	01	E345C0	00	1	TT3	E1		30A	DIGI.(E7/E10/E17)
13976		XA107	77							168	9	E345C0	02	E345CA	01	2	TQ2	F1		38B	
13977		XA405	62			XA405	43			168	9	E360CA	01	CM0490	01	5	TS8	E1		29A	
13978		XA405	43			XA104	63			168	9	E360CA	02	CM0390	01	7	TS8	D1		23B	
13979		XA104	63							168	9	E360CA	03	E360CA	00	1	TQ2	E4		33B	DTR-77777T80015, T
13982		XA106	59			XA104	59			168	9	E360C0	01	E360C0	00	1	TD4	E1		31B	TO/(EO.DIGI)/T10
13983		XA104	59							168	9	E360C0	02	E360CA	01	1	TQ2	E4		31B	

DRAWING NUMBER 149011-800
 UNIT ASSEMBLY NAME CARD GAGE ASSY,CPU R.H.

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RECORD NUMBER	FROM				TO				WIRE		SIGNAL	EQ NO	EQUATION	TERM	FACT	CHT OR CHIP TYPE	MOP	LOAD OR POWER PLANE	TEST POINTS AND OR	SIGNAL DESCRIPTION	EQ NO
	PREFIX	CONNECTOR	PIN	2	PREFIX	CONNECTOR	PIN	2	MULTI GROUP	COLOR											
13984		XA405	74		XA404	13			168	9	E361CA	01	CND590	01	7	TS8	F1		35B		
13985		XA404	13		XA105	75			168	9	E361CA	02	CND690	01	8	TS8	A1		06B		
13986		XA105	75						168	9	E361CA	03	E361CA	00	1	TQ2	F1		37B	BLU CND015DB1631	
13989		XA447	07		XA104	75			168	9	E406CA	01	CMG780	01	4	TD4	F1		03A		
13990		XA104	75						168	9	E406CA	02	E406CA	00	1	TQ2	F1		37B	GR 00-31 TO DB 00	
13993		XA104	77		XA103	59			168	9	E406C0	01	E406CA	01	2	TQ2	F1		36B		
13994		XA103	59						168	9	E406C0	02	E406C0	00	1	TS8	E1		31B	ONE TO GA 00-03	
13995		XA447	08		XA104	72			168	9	E450CA	01	CMG380	01	3	TD4	A1		05A		
13996		XA104	72						168	9	E450CA	02	E450CA	00	1	TQ2	F2		34A	DB 00-31 TO GR 00	
13999		XA104	73		XA103	76			168	9	E450C0	01	E450CA	01	1	TQ2	F2		36B		
14000		XA103	76						168	9	E450C0	02	E450C0	00	1	TS8	F1		37A	DB 00-31 TO GR 00	
14001		XA448	08		XA107	72			168	9	E457CA	01	CMG080	01	3	TY3	A1		05A		
14002		XA107	72						168	9	E457CA	02	E457CA	00	1	TQ2	F2		34A	ONE TO GA 00-03	
14005		XA107	71		XA106	57			168	9	E457C0	01	E457CA	01	2	TQ2	F2		36A		
14006		XA106	57						168	9	E457C0	02	E457C0	00	1	TD4	E2		30B	GR 00-31 TO DB 00	
14007		XA547	30		XA105	72			168	9	E518CA	01	CMN190	01	6	TS8	C1		15A		
14008		XA105	72						168	9	E518CA	02	E518CA	00	1	TQ2	F2		34A	BTR DB1631MA0015	
14011		XA105	71		XA104	69			168	9	E518C0	01	E518CA	01	2	TQ2	F2		36A		
14012		XA104	69						168	9	E518C0	02	E518C0	00	1	TQ2	F3		35A	TO/T7	
14013		XA536	20		XA105	69			168	9	E522CA	01	C522C0	01	4	TS8	B1		11A		
14014		XA105	69						168	9	E522CA	02	E522CA	00	1	TQ2	F3		35A	BTR DB0031MD0031	
14017		XA106	76		XA105	74			168	9	E522C0	01	E522C0	00	1	TD4	F1		37A	TL/T7/E1D1G1/E7D1	
14018		XA105	74						168	9	E522C0	02	E522CA	01	2	TQ2	F3		35B		
14019		XA401	22		XA104	80			168	9	E605CA	01	C605C0	01	3	TY3	B1		12A		
14020		XA104	80						168	9	E605CA	02	E605CA	00	1	TQ2	F4		39A		
14023		XA104	76		XA103	23			168	9	E605C0	01	E605CA	01	1	TQ2	F4		37A		
14024		XA103	23						168	9	E605C0	02	E605C0	00	1	TS8	B1		11B	Y1/Y10/Y15/E1D1G1	
14025		XA401	65		XA105	80			168	9	E621CA	01	C621C0	01	3	TY3	F2		34B		
14026		XA105	80						168	9	E621CA	02	E621CA	00	1	TQ2	F4		39A	BTR DB0015PQ0015	
14029		XA106	69		XA105	76			168	9	E621C0	01	E621C0	00	1	TD4	F2		35A	TO/T12/E0D1G1/E12	
14030		XA105	76						168	9	E621C0	02	E621CA	01	1	TQ2	F4		37A		
14031		XA107	69		XA436	06			168	9	E705DA	01	E705DA	00	1	TQ2	F3		35A		
14032		XA436	06						168	9	E705DA	02	CMT490	01	3	TS8	A1		05A		

DRAWING NUMBER		149011-800		STRING		UNIT ASSEMBLY NO		149011		REV D		INDEX		E705DA									
UNIT ASSEMBLY NAME		CARD CAGE ASSY,CPU R.H.		FILE IDENT		T39B2CP2		DATE		09-03-82		PAGE		283									
RECORD NUMBER	FROM				TO				WIRE			SIGNAL	SEQ NO	EQUATION	TERM 1	TERM 2	CKT OR CHIP TYPE	PROP	LOAD OR POWER PLANE	TEST POINTS AND OP	SIGNAL DESCRIPTION	ECO NO	
	PREFIX	CONNECTOR	PIN	WIRE NO	PREFIX	CONNECTOR	PIN	WIRE NO	MULTI GROUP	CODE	COLOR												IDENT
14035		XA108	55		XA107	65			168	9			E70500	01	E705D0	00	1	TT3	E2		298	T0/E001GI/E100IGI	
14036		XA107	65						168	9			E70500	02	E705DA	01	1	TQ2	F3		348		
22064		XA551	43		XA123	47			188	9			GC0100	01				EXT					
14040		XA123	47						188	9			GC0100	02	CLDGRA	01	1	TQ2	D4			258	
21819		XA551	45		XA123	43			188	9			GC0110	01				EXT					
14044		XA123	43						188	9			GC0110	02	CLDGPA	01	2	TQ2	D3			238	
21821		XA551	47		XA123	48			188	9			GC0120	01				EXT					
14048		XA123	48						188	9			GC0120	02	CLDGNA	01	2	TQ2	D2			22A	
21823		XA551	49		XA123	54			188	9			GC0130	01				EXT					
14052		XA123	54						188	9			GC0130	02	CLDGLA	01	2	TQ2	D1			25A	
21825		XA551	51		XA123	41			188	9			GC0140	01				EXT					
14056		XA123	41		XA123	50			188	9			GC0140	02	CLDGPA	01	1	TQ2	D3			228	
14057		XA123	50		XA123	49			188	9			GC0140	03	CLDGNA	01	1	TQ2	D2			23A	
14058		XA123	49		XA123	56			188	9			GC0140	04	CLDGRA	01	2	TQ2	D4			268	
14059		XA123	56		XA123	55			188	9			GC0140	05	CLDGLA	01	1	TQ2	D1			26A	
14060		XA123	55		XA123	64			188	9			GC0140	06	CLDGVA	01	2	TQ2	E3			298	
14061		XA123	64		XA123	61			188	9			GC0140	07	CLDGUA	01	1	TQ2	E2			30A	
14062		XA123	61		XA123	70			188	9			GC0140	08	CLDGWA	01	2	TQ2	E4			328	
14063		XA123	70						188	9			GC0140	09	CLDGT	01	1	TQ2	E1			33A	
21827		XA551	53		XA123	68			188	9			GC0350	01				EXT					
14067		XA123	68						188	9			GC0350	02	CLDGYA	01	2	TQ2	E1			32A	
21829		XA551	55		XA123	62			188	9			GC0360	01				EXT					
14071		XA123	62						188	9			GC0360	02	CLDGUA	01	2	TQ2	E2			29A	
21831		XA551	57		XA123	53			188	9			GC0370	01				EXT					
14075		XA123	53						188	9			GC0370	02	CLDGVA	01	1	TQ2	E3			288	
21833		XA551	59		XA123	59			188	9			GC0380	01				EXT					
14079		XA123	59						188	9			GC0380	02	CLDOWA	01	1	TQ2	E4			318	
19756		XA148	06		XA148	08			168	9			GN0001	03				EXT					
19758		XA148	08		XA148	10			168	9			GN0001	04				EXT					
19760		XA148	10		XA147	14			168	9			GN0001	05				EXT					
23205		XA147	14		XA147	12			168	9			GN0001	06				EXT					
23206		XA147	12		XA147	10			168	9			GN0001	07				EXT					
23207		XA147	10		XA147	08			168	9			GN0001	08				EXT					
23208		XA147	08		XA147	06			168	9			GN0001	09				EXT					
23209		XA147	06		XA147	04			168	9			GN0001	10				EXT					
23210		XA147	04		XA147	02			168	9			GN0001	11				EXT					
23211		XA147	02		XA146	02			168	9			GN0001	12				EXT					
22082		XA146	02						168	9			GN0001	13	GROUND								

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DRAWING NUMBER 149011-800
 UNIT ASSEMBLY NAME CARD CAGE ASSY, CPU R.H.

STRING

UNIT ASSEMBLY NO 149011
 FILE IDENT T3982CP2

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 DATE 09-03-82

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RECORD NUMBER	FROM				TO				WIRE				SIGNAL	SFD NO	EQUATION	TERM	FACTOR	CMT OR CHIP TYPE	MOP	LOAD OR POSE PLANE	TEST POINTS AND/OR	SIGNAL DESCRIPTION	ECO NO
	PREFIX	CONNECTOR	PIN	WIRE NO	PREFIX	CONNECTOR	PIN	WIRE NO	MULTI GROUP	CODE	COLOR	IDENT											
14227		XA148	16		XA148	18		168	9				GND002	01				EXT					
19766		XA148	18		XA148	20		168	9				GND002	02				EXT					
19768		XA148	20		XA148	22		168	9				GND002	03	GROUND			EXT					
19770		XA148	22		XA148	24		168	9				GND002	04	GROUND			EXT					
19772		XA148	24		XA148	26		168	9				GND002	05				EXT					
19774		XA148	26		XA147	26		168	9				GND002	06				EXT					
23212		XA147	26		XA147	24		168	9				GND002	07				EXT					
23213		XA147	24		XA147	22		168	9				GND002	08				EXT					
23214		XA147	22		XA147	20		168	9				GND002	09				EXT					
23215		XA147	20		XA147	18		168	9				GND002	10				EXT					
23216		XA147	18		XA147	16		168	9				GND002	11				EXT					
23217		XA147	16		XA146	16		168	9				GND002	12				EXT					
23218		XA146	16					168	9				GND002	13									
19777		XA148	30		XA148	32		168	9				GND003	01				EXT					
00314		XA148	32		XA148	34		168	9				GND003	02				EXT					
19780		XA148	34		XA148	36		168	9				GND003	03				EXT					
19782		XA148	36		XA148	38		168	9				GND003	04				EXT					
19784		XA148	38		XA148	40		168	9				GND003	05				EXT					
19786		XA148	40		XA148	42		168	9				GND003	055				EXT				PW ON RTN	
23219		XA148	42		XA147	40		168	9				GND003	06				EXT					
22127		XA147	40		XA147	38		168	9				GND003	07				EXT					
23220		XA147	38		XA147	36		168	9				GND003	08				EXT					
23221		XA147	36		XA147	34		168	9				GND003	09				EXT					
23222		XA147	34		XA147	32		168	9				GND003	10				EXT					
23223		XA147	32		XA147	30		168	9				GND003	11				EXT					
23224		XA147	30		XA147	28		168	9				GND003	12				EXT					
23225		XA147	28		XA146	32		168	9				GND003	13				EXT					
23226		XA146	32					168	9				GND003	14									
00315		XA148	44		XA148	46		168	9				GND004	01				EXT					
19791		XA148	46		XA148	48		168	9				GND004	02				EXT					
19793		XA148	48		XA148	50		168	9				GND004	03				EXT					
19795		XA148	50		XA148	52		168	9				GND004	04				EXT					
19797		XA148	52		XA148	54		168	9				GND004	05				EXT					
19799		XA148	54		XA147	54		168	9				GND004	06				EXT					
23228		XA147	54		XA147	52		168	9				GND004	07				EXT					
23229		XA147	52		XA147	50		168	9				GND004	08				EXT					
23230		XA147	50		XA147	48		168	9				GND004	09				EXT					
23231		XA147	48		XA147	46		168	9				GND004	10				EXT					
23232		XA147	46		XA147	44		168	9				GND004	11				EXT					
23233		XA147	44		XA147	42		168	9				GND004	12				EXT					
23234		XA147	42		XA146	44		168	9				GND004	13				EXT					
23544		XA146	44										GND004	14									
19801		XA148	56		XA148	58		168	9				GND005	01				EXT					
00316		XA148	58		XA148	60		168	9				GND005	02				EXT					
19804		XA148	60		XA148	62		168	9				GND005	03				EXT					
								***		SIGNAL		(GND005)			IS ON THE								***

DRAWING NUMBER		149011-800		STRING		UNIT ASSEMBLY NO		149011		REV D		INDEX		GND005									
UNIT ASSEMBLY NAME		CARD CAGE ASSY, CPU R.H.				FILE IDENT		T39B2CP2		DATE		09-03-82		PAGE									
RECORD NUMBER	PREFIX	CONNECTOR	PIN	C I	PREFIX	CONNECTOR	PIN	C I	MULTI GROUP	CODE	COLOR	IDENT	SIGNAL	SEQ NO	EQUATION	TERM	FACTS	CKT OR CHIP TYPE	GROUP	LOAD OR POWER PLANE	TEST POINTS AND OR	SIGNAL DESCRIPTION	ECO NO
19806		XA148	62		XA148	64				168	9		GND005	04				EXT					
19808		XA148	64		XA148	66				168	9		GND005	05				EXT					
19810		XA148	66		XA148	68				168	9		GND005	06				EXT					
19811		XA148	68		XA147	66				168	9		GND005	07				EXT					
23237		XA147	66		XA147	64				168	9		GND005	08				EXT					
23238		XA147	64		XA147	62				168	9		GND005	09				EXT					
23239		XA147	62		XA147	60				168	9		GND005	10				EXT					
23240		XA147	60		XA147	58				168	9		GND005	11				EXT					
23241		XA147	58		XA147	56				168	9		GND005	12				EXT					
23242		XA147	56		XA146	58				168	9		GND005	13				EXT					
23243		XA146	58							168	9		GND005	14									
19813		XA148	70		XA148	72				168	9		GND006	01				EXT					
19815		XA148	72		XA148	74				168	9		GND006	02				EXT					
19817		XA148	74		XA148	76				168	9		GND006	03				EXT					
19819		XA148	76		XA148	78				168	9		GND006	04				EXT					
19821		XA148	78		XA148	80				168	9		GND006	05				EXT					
19823		XA148	80		XA147	80				168	9		GND006	06				EXT					
22131		XA147	80		XA147	78				168	9		GND006	07				EXT					
22129		XA147	78		XA147	76				168	9		GND006	08				EXT					
23244		XA147	76		XA147	74				168	9		GND006	09				EXT					
23245		XA147	74		XA147	72				168	9		GND006	10				EXT					
23246		XA147	72		XA147	70				168	9		GND006	11				EXT					
23247		XA147	70		XA147	68				168	9		GND006	12				EXT					
23248		XA147	68		XA146	67				168	9		GND006	13				EXT					
23249		XA146	67							168	9		GND006	14									
23250		XA249	14		XA249	12				168	9		GND007	01				EXT					
23251		XA249	12		XA249	10				168	9		GND007	02				EXT					
23252		XA249	10		XA249	08				168	9		GND007	03				EXT					
23253		XA249	08		XA249	06				168	9		GND007	04				EXT					
23254		XA249	06		XA249	04				168	9		GND007	05				EXT					
23255		XA249	04		XA249	02				168	9		GND007	06				EXT					
23256		XA249	02		XA248	02				168	9		GND007	07				EXT					
23257		XA248	02							168	9		GND007	08				TSB				01A	
23258		XA249	28		XA249	26				168	9		GND008	01				EXT					
23259		XA249	26		XA249	24				168	9		GND008	02				EXT					
23260		XA249	24		XA249	22				168	9		GND008	03				EXT					
23261		XA249	22		XA249	20				168	9		GND008	04				EXT					
23262		XA249	20		XA249	18				168	9		GND008	05				EXT					
23263		XA249	18		XA249	16				168	9		GND008	06				EXT					
23264		XA249	16		XA248	16				168	9		GND008	07				EXT					
23265		XA248	16							168	9		GND008	08				TSB				21B	
22135		XA249	42		XA249	40				168	9		GND009	01				EXT					
22133		XA249	40		XA249	38				168	9		GND009	02				EXT					
23266		XA249	38		XA249	36				168	9		GND009	03				EXT					
23267		XA249	36		XA249	34				168	9		GND009	04				EXT					
23268		XA249	34		XA249	32				168	9		GND009	05				EXT					
										****		SIGNAL	GND009									IS ON THE NEXT PAGE ****	

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DRAWING NUMBER 149011-800
 UNIT ASSEMBLY NAME CARD CAGE ASSY,CPU R.H.

STRING

UNIT ASSEMBLY NO 149011
 FILE IDENT T3982CP2

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RECORD NUMBER	FROM				TO				WIRE				SIGNAL	SEQ NO	EQUATION	TERM	FACTOR	CXT OR CHIP TYPE	LOAD OR POWER PLANE	TEST POINTS		SIGNAL DESCRIPTION	ECO NO
	PREFIX	CONNECTOR	PIH	2	PREFIX	CONNECTOR	PIH	2	MULTI GROUP	CODE	COLOR	IDENT								AND	OR		
23269		XA249	32		XA249	30			168	9			GND009	06				EXT					
23270		XA249	30		XA248	32			168	9			GND009	07				EXT					
23271		XA248	32						168	9			GND009	08				TS8			27A		
22149		XA249	56		XA249	54			168	9			GND010	01				EXT					
22147		XA249	54		XA249	52			168	9			GND010	02				EXT					
22145		XA249	52		XA249	50			168	9			GND010	03				EXT					
22143		XA249	50		XA249	48			168	9			GND010	04				EXT					
22141		XA249	48		XA249	46			168	9			GND010	05				EXT					
22139		XA249	46		XA249	44			168	9			GND010	06				EXT					
22137		XA249	44		XA248	44			168	9			GND010	07				EXT					
23272		XA248	44						168	9			GND010	08				TS8			40A		
23273		XA249	68		XA249	66			168	9			GND011	01				EXT					
22159		XA249	66		XA249	64			168	9			GND011	02				EXT					
22157		XA249	64		XA249	62			168	9			GND011	03				EXT					
22155		XA249	62		XA249	60			168	9			GND011	04				EXT					
22153		XA249	60		XA249	58			168	9			GND011	05				EXT					
22151		XA249	58		XA248	58			168	9			GND011	06				EXT					
23274		XA248	58						168	9			GND011	07				TS8					
22522		XA249	80		XA249	78			168	9			GND012	01				EXT					
22506		XA249	78		XA249	76			168	9			GND012	02				EXT					
22518		XA249	76		XA249	74			168	9			GND012	03				EXT					
22514		XA249	74		XA249	72			168	9			GND012	04				EXT					
22502		XA249	72		XA249	70			168	9			GND012	05				EXT					
22510		XA249	70		XA248	67			168	9			GND012	06				EXT					
23275		XA248	67						168	9			GND012	07				TS8					
23276		XA349	14		XA349	12			168	9			GND013	01				EXT					
23277		XA349	12		XA349	10			168	9			GND013	02				EXT					
23278		XA349	10		XA349	08			168	9			GND013	03				EXT					
23279		XA349	08		XA349	06			168	9			GND013	04				EXT					
23280		XA349	06		XA349	04			168	9			GND013	05				EXT					
23281		XA349	04		XA349	02			168	9			GND013	06				EXT					
23282		XA349	02		XA348	02			168	9			GND013	07				EXT					
23283		XA348	02						168	9			GND013	08				TQ2			01A		
23284		XA349	28		XA349	26			168	9			GND014	01				EXT					
23285		XA349	26		XA349	24			168	9			GND014	02				EXT					
23286		XA349	24		XA349	22			168	9			GND014	03				EXT					
23287		XA349	22		XA349	20			168	9			GND014	04				EXT					
23288		XA349	20		XA349	18			168	9			GND014	05				EXT					
23289		XA349	18		XA349	16			168	9			GND014	06				EXT					
23290		XA349	16		XA348	16			168	9			GND014	07				EXT					
23291		XA348	16						168	9			GND014	08				TQ2			01B		
23292		XA349	40		XA349	38			168	9			GND015	02				EXT					
23293		XA349	38		XA349	36			168	9			GND015	03				EXT					
23294		XA349	36		XA349	34			168	9			GND015	04				EXT					
									****		SIGNAL		GND015								IS ON THE NEXT PAGE	****	

DRAWING NUMBER		149011-800		STRING		UNIT ASSEMBLY NO.		149011		REV D		INDEX		GND015											
UNIT ASSEMBLY NAME		CARD CAGE ASSY,CPU R.H.		FILE IDENT		T39B2CP2		DATE		09-03-82		PAGE		287											
RECORD NUMBER	FROM				TO				WIRE				SIGNAL	SEC NO	EQUATION	TERM	FACTOR	CKT OR CHIP TYPE	GROUP	LOAD OR POWER PLANE	TEST POINTS AND/OR	SIGNAL DESCRIPTION	ECO NO		
	PREFIX	CONNECTOR	PIN	WIRE NO	PREFIX	CONNECTOR	PIN	WIRE NO	MULTI GROUP	CODE	COLOR	IDENT												PRECISE WIRE	
23295		XA349	34		XA349	32			168	9			GND015	05				EXT							
22219		XA349	32		XA349	30			168	9			GND015	06				EXT							
22217		XA349	30		XA348	32			168	9			GND015	07				EXT							
23296		XA348	32						168	9			GND015	08				TQ2				20B			
23297		XA349	56		XA349	54			168	9			GND016	01				EXT							
23298		XA349	54		XA349	52			168	9			GND016	02				EXT							
23299		XA349	52		XA349	50			168	9			GND016	03				EXT							
23300		XA349	50		XA349	48			168	9			GND016	04				EXT							
23301		XA349	48		XA349	46			168	9			GND016	05				EXT							
23302		XA349	46		XA349	44			168	9			GND016	06				EXT							
23303		XA349	44		XA348	44			168	9			GND016	07				EXT							
23304		XA348	44						168	9			GND016	08				TQ2				21B			
23305		XA349	68		XA349	66			168	9			GND017	01				EXT							
23306		XA349	66		XA349	64			168	9			GND017	02				EXT							
23307		XA349	64		XA349	62			168	9			GND017	03				EXT							
23308		XA349	62		XA349	60			168	9			GND017	04				EXT							
23309		XA349	60		XA349	58			168	9			GND017	05				EXT							
23310		XA349	58		XA348	58			168	9			GND017	06				EXT							
23311		XA348	58						168	9			GND017	07				TQ2				27A			
23312		XA349	80		XA349	78			168	9			GND018	01				EXT							
23313		XA349	78		XA349	76			168	9			GND018	02				EXT							
23314		XA349	76		XA349	74			168	9			GND018	03				EXT							
23315		XA349	74		XA349	72			168	9			GND018	04				EXT							
23316		XA349	72		XA349	70			168	9			GND018	05				EXT							
23317		XA349	70		XA348	67			168	9			GND018	06				EXT							
23318		XA348	67						168	9			GND018	07				TQ2				40A			
23319		XA550	12		XA550	10			168	9			GND019	01				EXT							
23320		XA550	10		XA550	08			168	9			GND019	02				EXT							
23321		XA550	08		XA550	06			168	9			GND019	03				EXT							
23322		XA550	06		XA550	04			168	9			GND019	04				EXT							
23323		XA550	04		XA550	02			168	9			GND019	05				EXT							
23324		XA550	02		XA551	02			168	9			GND019	06				EXT							
23325		XA551	02						168	9			GND019	07				EXT							
23326		XA550	24		XA550	22			168	9			GND020	01				EXT							
23327		XA550	22		XA550	20			168	9			GND020	02				EXT							
23328		XA550	20		XA550	18			168	9			GND020	03				EXT							
23329		XA550	18		XA550	16			168	9			GND020	04				EXT							
23330		XA550	16		XA550	14			168	9			GND020	05				EXT							
23331		XA550	14		XA551	16			168	9			GND020	06				EXT							
23332		XA551	16						168	9			GND020	07				EXT							
23333		XA550	26		XA550	28			168	9			GND021	01				EXT							
23334		XA550	28		XA550	30			168	9			GND021	02				EXT							
23335		XA550	30		XA550	32			168	9			GND021	03				EXT							
23336		XA550	32		XA550	34			168	9			GND021	04				EXT							
									****		SIGNAL	(GND021)			IS ON THE		NEXT PAGE	****							

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DRAWING NUMBER		149011-800		STRING		UNIT ASSEMBLY NO		149011		REV D		INDEX		GND021									
UNIT ASSEMBLY NAME		CARD CAGE ASSY,CPU R.H.				FILE IDENT		T39BZCP2		DATE		09-03-82		PAGE		288							
RECORD NUMBER	PREFIX	CONNECTOR	PIN	PREFIX	CONNECTOR	PIN	WIRE	MULTI GROUP	CODE	COLOR	IDENT	SIGNAL	SFO NO	EQUATION	TERM	FACTOR	EXT OR CHIP TYPE	MOOP	LOAD OR POWER PLANE	TEST POINTS AND/OR	SIGNAL DESCRIPTION	ECO NO	
23337		XA550	34		XA550	36			168	9		GND021	05				EXT						
23338		XA550	36		XA551	32			168	9		GND021	06				EXT						
23339		XA551	32						168	9		GND021	07				EXT						
23340		XA550	38		XA550	40			168	9		GND022	01				EXT						
23341		XA550	40		XA550	42			168	9		GND022	02				EXT						
23342		XA550	42		XA550	44			168	9		GND022	03				EXT						
23343		XA550	44		XA550	46			168	9		GND022	04				EXT						
23344		XA550	46		XA550	48			168	9		GND022	05				EXT						
23345		XA550	48		XA550	50			168	9		GND022	06				EXT						
23346		XA550	50		XA550	52			168	9		GND022	07				EXT						
23347		XA550	52		XA551	58			168	9		GND022	08				EXT						
23348		XA551	58						168	9		GND022	09				EXT						
23349		XA550	54		XA550	56			168	9		GND023	01				EXT						
23350		XA550	56		XA550	58			168	9		GND023	02				EXT						
23351		XA550	58		XA550	60			168	9		GND023	03				EXT						
23352		XA550	60		XA550	62			168	9		GND023	04				EXT						
21708		XA550	62		XA550	66			168	9		GND023	05				EXT						
23353		XA550	66		XA551	68			168	9		GND023	06				EXT						
23354		XA551	68		XA550	78			168	9		GND023	07				EXT						
22431		XA550	78		XA550	80			168	9		GND023	08				EXT						
22433		XA550	80						168	9		GND023	09				EXT						
20157		XA448	60		XA448	56			168	9		GND027	01				EXT						
20154		XA448	56		XA448	50			168	9		GND027	03				EXT						
20148		XA448	50		XA448	48			168	9		GND027	04				EXT						
20146		XA448	48		XA447	44			168	9		GND027	05				EXT						
23398		XA447	44						168	9		GND027	08				TD4			27A			
20178		XA448	80		XA448	78			168	9		GND028	005				EXT						
20174		XA448	78		XA448	76			168	9		GND028	01				EXT						
20172		XA448	76		XA448	74			168	9		GND028	02				EXT						
20170		XA448	74		XA448	72			168	9		GND028	03				EXT						
20168		XA448	72		XA448	70			168	9		GND028	04				EXT						
20166		XA448	70		XA448	64			168	9		GND028	05				EXT						
20161		XA448	64		XA447	67			168	9		GND028	06				EXT						
23359		XA447	67						168	9		GND028	07				TD4			40B			
23360		XA250	10		XA251	10			168	9		GND029	01				EXT						
23361		XA251	10		XA250	12			168	9		GND029	02				EXT						
23362		XA250	12						168	9		GND029	03				EXT						
22161		XA250	74		XA250	76			168	9		GND030	01				EXT						
22163		XA250	76		XA251	76			168	9		GND030	02				EXT						
22209		XA251	76		XA251	74			168	9		GND030	03				EXT						
22207		XA251	74		XA250	72			168	9		GND030	04				EXT						
22523		XA250	72						168	9		GND030	05				EXT						
23363		XA350	10		XA351	10			168	9		GND031	01				EXT						
									****		SIGNAL	GND031		S ON THE		NEXT PAGE	****						

DRAWING NUMBER 149011-800
 UNIT ASSEMBLY NAME CARD GAGE ASSY, CPU R.H.

STRING

UNIT ASSEMBLY NO 149011
 FILE IDENT T39B2CP2

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RECORD NUMBER	FROM				TO				WIRE				SIGNAL	SEQ NO	EQUATION	TERM	FAC	CHK OR CHIP TYPE	GROUP	LOAD OR POWER PLANE	TEST POINTS AND/OR	SIGNAL DESCRIPTION	ECO NO	
	PREFIX	CONNECTOR	PIN	1	PREFIX	CONNECTOR	PIN	1	MULTI GROUP	CODE	COLOR	CENT												3% TOL. MUSIC
23364		XA351	10		XA350	12				16B	9			GND031	02			EXT						
23365		XA350	12							16B	9			GND031	03			EXT						
23366		XA350	74		XA350	76				16B	9			GND032	01			EXT						
23367		XA350	76		XA350	78				16B	9			GND032	02			EXT						
23368		XA350	78							16B	9			GND032	03			EXT						
23369		XA449	10		XA450	10				16B	9			GND033	01			EXT						
23439		XA450	10		XA451	10				16B	9			GND033	02			EXT						
22299		XA451	10		XA451	12				16B	9			GND033	03			EXT						
22301		XA451	12							16B	9			GND033	04			EXT						
22564		XA449	74		XA450	74				16B	9			GND034	01			EXT						
23440		XA450	74		XA451	74				16B	9			GND034	02			EXT						
22565		XA451	74		XA451	76				16B	9			GND034	03	GROUND		EXT						
22569		XA451	76		XA450	76				16B	9			GND034	04	GROUND		EXT						
23370		XA450	76		XA449	76				16B	9			GND034	05			EXT						
22568		XA449	76		XA449	78				16B	9			GND034	06			EXT						
22572		XA449	78							16B	9			GND034	07			EXT						
14555		XA133	39		XA133	41				16B	9			G11331	01			TD4						
14560		XA133	41		XA133	32				16B	9			G11331	02			TD4						
14561		XA133	32							16B	9			G11331	03	GROUND		TD4			21B			
14562		XA334	01		XA334	02				16B	9			G13341	01	GROUND		RR1						
14563		XA334	02		XA334	11				16B	9			G13341	02	GROUND		RR1						
14564		XA334	11							16B	9			G13341	03	GROUND		RR1						
14565		XA334	31		XA334	32				16B	9			G13343	01	GROUND		RR1						
14566		XA334	32							16B	9			G13343	02	GROUND		RR1						
14567		XA334	57		XA334	58				16B	9			G13345	01	GROUND		RR1						
14568		XA334	58							16B	9			G13345	02	GROUND		RR1						
14569		XA334	67		XA334	68				16B	9			G13346	01	GROUND		RR1						
14570		XA334	68							16B	9			G13346	02	GROUND		RR1						
00142		XA336	79		XA336	80				16B	9			G13352	01	GROUND		RR1	HP					
00143		XA336	80							16B	9			G13352	02	GROUND		RR1	HP					
22014		XA351	35		XA341	11				16B	9			JACKAD4	01			EXT						
06862		XA341	11		XA318	09				16B	9			JACKAD4	03	JACKA0	01	TQ2	A4		05B		ACKNOWLEDGE	
14841		XA318	09							16B	9			JACKAD4	04			RR4	A5					
06414		XA341	15		XA340	43				16B	9			JACKA0	01	JACKA0	00	TQ2	A4		07B		E5. (DIF/DIH)	
18601		XA340	43							16B	9			JACKA0	02	JACKCA	01	TQ2	D3		23B			
14583		XA321	10		XA342	38				16B	9			JACKCA	01	JACKCO	01	TQ2	A1		07A			
14584		XA342	38		XA340	45				16B	9			JACKCA	02	CTRLRO	01	TY3	C1		18A			
20751		XA340	45							16B	9			JACKCA	03	JACKCA	00	TQ2	D3		24B			BTSP/PWRF

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DRAWING NUMBER 149011-800
 UNIT ASSEMBLY NAME CARD CAGE ASSY,CPU R.H.

STRING

UNIT ASSEMBLY NO. 149011
 FILE IDENT . T39B2CP2

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RECORD NUMBER	FROM				TO				WIRE				SIGNAL	SEQ NO	EQUATION	TERM	FACTOR	CH OR CHIP TYPE	PROP	LOAD OR POWER PLANE	TEST POINTS AND OR	SIGNAL DESCRIPTION	ECO NO
	POSFIS	CONNECTOR	PIH	C	POSFIS	CONNECTOR	PIH	C	MULTI GROUP	CODE	COLOR	IDENT											
14590		XA530	59		XA530	59			168	9			JACKCO	01	CN104A	01	1	TT3	F3		35A		
14591		XA530	59		XA321	06			168	9			JACKCO	02	CN084A	01	2	TT3	E3		31B		
14592		XA321	06		XA431	03			168	9			JACKCO	03	JACKCO	00	1	TQ2	A1		05A		
14593		XA431	03						168	9			JACKCO	04	CTRJBQ	01	1	TQD	BQ		02A		
22192		XA251	59		XA318	41			168	9			JBSTAD4	01				EXT					
14605		XA318	41		XA317	10			168	9			JBSTAD4	02				RR4	E5			NOT USED	
14671		XA317	10						168	9			JBSTAD4	03	JBSTAO	01	1	TQ2	A1		07A		
14675		XA341	79		XA317	06			168	9			JBSTAO	01	CTRLZA	01	1	TQ2	F1		39B		
14678		XA317	06		XA217	71			168	9			JBSTAO	02	JBSTAO	00	1	TQ2	A1		05A	FR IO- BOOTSTRAP	
14677		XA217	71		XA206	65			168	9			JBSTAO	03	CS08RA	01	1	TT3	F2		36A		
14679		XA206	65		XA205	75			168	9			JBSTAO	05	CS08ZA	01	1	TQ2	F3		34B		
14680		XA205	75		XA132	66			168	9			JBSTAO	06	CS08SA	01	3	TT3	F1		37B		
14682		XA132	66						168	9			JBSTAO	08	CRUS4A	01	3	TT3	E1		31A		
14683		XA318	37		XA333	14			168	9			JCPUED4	01				RR4	D4				
14684		XA333	14		XA351	37			168	9			JCPUED4	02	JCPUED4	00	1	TLD	B2		09A	CPU/IOC ERROR TO PUEd=UP PLED=LWR	
22016		XA351	37						168	9			JCPUED4	03				EXT					
14688		XA321	15		XA331	48			168	9			JCOMCO	01	JCOMCO	00	1	TQ2	A4		07B		
14689		XA331	48						168	9			JCOMCO	02	JOFRAD4	01	2	TLD	D2		22A		
21807		JO1	L2		XA148	01			ZE	1EB	9		JDDI2A	01				PWR					C05
19792		XA148	01						ZE	1EB	9		JDDI2A	02				EXT					
21806		JO1	L1		XA148	02			ZE	1EB	0		JDDI2G	01				PWR					C05
14226		XA148	02						ZE	1EB	0		JDDI2G	02				EXT					
14690		XA318	45		XA333	30			168	9			JDECAD4	01				RR4	E4				
14691		XA333	30		XA351	23			168	9			JDECAD4	02	JDECAD4	00	1	TLD	C2		15A	TO IO- DEC COMMAN DEC COMM	
21564		XA351	23						168	9			JDECAD4	03				EXT					
21551		XA351	05		XA119	66			168	9			JDIG104	00				EXT					
18957		XA119	66		XA113	71			168	9			JDIG104	015				RR4	G2				
14696		XA113	71						168	9			JDIG104	02	ED10P0	01	2	TQ2	F2		36A		
21552		XA351	07		XA119	71			168	9			JDIG204	00				EXT					
14697		XA119	71		XA113	65			168	9			JDIG204	015				RR4	H5				
14701		XA113	65						168	9			JDIG204	02	ED11P0	01	1	TQ2	F3		34B		
21555		XA351	09		XA119	72			168	9			JDIG304	00				EXT					
18958		XA119	72		XA113	76			168	9			JDIG304	015				RR4	G1				
14706		XA113	76						168	9			JDIG304	02	ED12P0	01	1	TQ2	F4		37A		
21557		XA351	11		XA119	73			168	9			JDIG404	00				EXT					
18959		XA119	73		XA111	55			168	9			JDIG404	015				RR4	H4				
14711		XA111	55						168	9			JDIG404	02	ED13P0	01	2	TQ2	E3		29B		

DRAWING NUMBER		149011-800		STRING										UNIT ASSEMBLY NO.		149011		REV D		INDEX		JDIG404				
UNIT ASSEMBLY NAME				CARD CAGE ASSY, CPU R.H.										FILE IDENT		T3982CP2		DATE		09-03-82		PAGE		291		
RECORD NUMBER	FROM				TO				WIRE		MULTI GROUP	CODE	COLOR	IDENT	SIGNAL	SEQ NO	EQUATION	TFR	FACT	CKT OR CHIP TYPE	MFP	LOAD OR POWER PLANE	TEST POINTS AND/OR	SIGNAL DESCRIPTION	ECO NO	
	PREFIX	CONNECTOR	PIN	Q	PREFIX	CONNECTOR	PIN	Q																		
21559		XA351	13			XA119	75				168	9		JDIG5D4	00					EXT						
14760		XA119	75			XA111	61				168	9		JDIG5D4	015					RR4	H3					
14716		XA111	61								168	9		JDIG5D4	02	ED14P0	01	2	TQ2	E4			328			
21561		XA351	15			XA119	76				168	9		JDIG6D4	00					EXT						
14707		XA119	76			XA111	41				168	9		JDIG6D4	015					RR4	H2					
14721		XA111	41								168	9		JDIG6D4	02	ED15P0	01	1	TQ2	D3			226			
21562		XA351	17			XA119	78				168	9		JDIG8D4	00					EXT						
21355		XA119	78			XA117	03				168	9		JDIG8D4	015					RR4	H1					
14731		XA117	03			XA117	15				168	9		JDIG8D4	02	EB5TBQ	01	1	YDD	BQ			02A			
14732		XA117	15			XA116	80				168	9		JDIG8D4	03	EB5CBQ	01	1	TDD	AQ			076			
14733		XA116	80			XA116	65				168	9		JDIG8D4	04	ED178Q	01	1	TDD	LQ			34A			
14734		XA116	65			XA116	63				168	9		JDIG8D4	05	ED188Q	01	1	TDD	HQ			34B			
14735		XA116	63			XA117	63				168	9		JDIG8D4	06	ED158Q	01	1	YDD	JQ			338			
14736		XA117	63			XA117	41				168	9		JDIG8D4	07	ED138Q	01	1	TDD	JQ			338			
14737		XA117	41			XA116	41				168	9		JDIG8D4	08	ED108Q	01	1	YDD	HQ			228			
14738		XA116	41			XA116	51				168	9		JDIG8D4	09	ED128Q	01	1	TDD	HQ			228			
14739		XA116	51			XA116	53				168	9		JDIG8D4	10	ED118Q	01	1	YDD	GQ			278			
14740		XA116	53			XA117	53				168	9		JDIG8D4	11	ED168Q	01	1	TDD	KQ			288			
14741		XA117	53			XA117	51				168	9		JDIG8D4	12	ED148Q	01	1	YDD	KQ			288			
14839		XA117	51			XA117	39				168	9		JDIG8D4	13	ED098Q	01	1	TDD	GQ			278			
14838		XA117	39			XA116	39				168	9		JDIG8D4	14	ED058Q	01	1	YDD	EQ			198			
14837		XA116	39			XA116	29				168	9		JDIG8D4	15	ED078Q	01	1	TDD	EQ			198			
14836		XA116	29			XA116	27				168	9		JDIG8D4	16	ED088Q	01	1	YDD	FQ			148			
14835		XA116	27			XA117	27				168	9		JDIG8D4	17	ED038Q	01	1	TDD	CQ			138			
14834		XA117	27			XA117	29				168	9		JDIG8D4	18	ED018Q	01	1	YDD	CQ			138			
14833		XA117	29			XA117	17				168	9		JDIG8D4	19	ED068Q	01	1	TDD	FQ			148			
14832		XA117	17			XA116	17				168	9		JDIG8D4	20	ED028Q	01	1	YDD	DQ			088			
14831		XA116	17								168	9		JDIG8D4	21	ED048Q	01	1	TDD	DQ			088			
22010		XA351	31			XA317	04				168	9		JIPED04	01					EXT					DEV PARITY ERROR	
14746		XA317	04			XA318	39				168	9		JIPED04	02	JIPER0	01	1	TQ2	A2			04A			
21204		XA318	39								168	9		JIPED04	03					RR4	D5					
14752		XA530	61			XA317	01				168	9		JIPER0	01	CN084A	01	3	TT3	E3			328			
14753		XA317	01								168	9		JIPER0	02	JIPER0	00	1	TQ2	A2			028			
14747		XA318	07			XA333	46				168	9		JITRAD4	01					RR4	A4					
14755		XA333	46			XA351	27				168	9		JITRAD4	02	JITRAD4	00	1	TLD	D2			21A		TO IO- ITR COMM	
21875		XA351	27								168	9		JITRAD4	03					EXT						ITR CORR
21256		XA318	35			XA333	39				168	9		JITRSD4	00					RR4	D3					
14759		XA333	39			XA351	29				168	9		JITRSD4	01	JITRSD4	00	1	TLD	C4			198			
22008		XA351	29								168	9		JITRSD4	02					EXT						ITR REPLY
14766		XA333	37			XA341	45				168	9		JITRTO	01	JITRSD4	01	2	TLD	C4			188			
14767		XA341	45								168	9		JITRTO	02	JITRTO	00	1	TQ2	D3			248			

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DRAWING NUMBER		149011-800										STRING		UNIT ASSEMBLY NO		149011		REV D		INDEX		JITRTO			
UNIT ASSEMBLY NAME		CARD CAGE ASSY.CPU R.H.										FILE IDENT		T39B2CP2		DATE		09-03-82		PAGE		292			
RECORD NUMBER	FROM				TO				WIRE				SIGNAL	STO NO	EQUATION	TERM	FACTOR	CMT OR CHIP TYPE	SNOP	LOAD OR POWER PLANE	TEST POINTS AND/OR	SIGNAL DESCRIPTION	SCO NO		
	PREFIX	CONNECTOR	PIB	C	PREFIX	CONNECTOR	PIB	C	MULTI GROUP	CODE	COLOR	IDENT												SPEC. MILE	
14775		XA330	76			XA317	09				16B	9		JITTA0	01	CN104A	01	2	YY3	F3		37A			
14776		XA317	09								16B	9		JITTA0	02	JITTA0	00	1	TQ2	A3		04B			
22012		XA351	33			XA317	03				16B	9		JITTD04	01				EXT					DEVICE TIME OUT	
14789		XA317	03			XA318	48				16B	9		JITTD04	02	JITTA0	01	1	TQ2	A3		02A			
21197		XA318	46								16B	9		JITTD04	03				RR4	D2					
22030		XA351	51			XA129	41				16B	9		JLITAD4	00				EXT						
14778		XA129	41			XA119	63				16B	9		JLITAD4	02	CR14B0	01	1	YDD	H0		22B			
21273		XA119	63								16B	9		JLITAD4	03				RR4	G4					
14782		XA318	52			XA333	60				16B	9		JMPEID4	01				RR4	E1					
14783		XA333	60			XA351	01				16B	9		JMPEID4	02	JMPEID4	00	1	TLD	E2		28A		TO IO- MEM PAR ER	
21547		XA351	01								16B	9		JMPEID4	03				EXT						MEM PAR ERR INH
21838		XA349	05			XA351	41				16B	9		JMRSAB4	01				EXT						
22020		XA351	41								16B	9		JMRSAB4	02				EXT						
22346		XA451	57			XA331	35				16B	9		JMTSCO	01				EXT						
21042		XA331	35			XA331	47				16B	9		JMTSCO	02	JIRESD	01	1	TLD	C4		17B			
21043		XA331	47			XA332	35				16B	9		JMTSCO	03	JZRES0	01	1	TLD	D4		25B			
21044		XA332	35			XA332	47				16B	9		JMTSCO	04	J3RES0	01	1	TLD	C4		17B			
21045		XA332	47								16B	9		JMTSCO	05	J4RES0	01	1	TLD	D4		25B			
14795		XA318	42			XA332	30				16B	9		JQMPED4	01				RR4	D1					
14796		XA332	30			XA351	19				16B	9		JQMPED4	02	JQMPED4	00	1	TLD	C2		15A		TO IO- CPU MEM PA	
21543		XA351	19								16B	9		JQMPED4	03				EXT						CPU MEM PAR ERR
14800		XA318	48			XA332	46				16B	9		JQMTOD4	01				RR4	E2					
14801		XA332	46			XA351	21				16B	9		JQMTOD4	02	JQMTOD4	00	1	TLD	D2		21A		TO IO- CPU MEM TI	
21544		XA351	21								16B	9		JQMTOD4	03				EXT						CPU MEM T OUT
22032		XA351	53			XA133	42				16B	9		JSSGAD4	00				EXT						
14811		XA133	42			XA119	65				16B	9		JSSGAD4	02	CRUSS0	01	1	TD4	C1		20A			
14702		XA119	65								16B	9		JSSGAD4	03				RR4	G3					
22028		XA351	49			XA244	60				16B	9		JSTPAD4	00				EXT						
14816		XA244	60			XA132	10				16B	9		JSTPAD4	02	CTRLY0	01	2	TT3	E2		26A			
14817		XA132	10			XA119	61				16B	9		JSTPAD4	03	CR0090	01	1	TT3	A1		07A			
14717		XA119	61								16B	9		JSTPAD4	04				RR4	G5					
22026		XA351	47			XA129	51				16B	9		JS02AD4	00				EXT						
14823		XA129	51			XA318	05				16B	9		JS02AD4	02	CR11B0	01	1	YDD	G0		27B			
14672		XA318	05			XA317	35				16B	9		JS02AD4	03				RR4	A3					C05
18643		XA317	35								16B	9		JS02AD4	04	JS02A0	01	1	TQ2	C4		17B			C05
20922		XA317	39			XA415	47				16B	9		JS02A0	01	JS02A0	00	1	TQ2	C4		19B			C05
18682		XA415	47								16B	9		JS02A0	02	CTRL1A	01	1	TQ2	D4		25B			C05

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DRAWING NUMBER 149011-800				UNIT ASSEMBLY NO. 149011				REV D				INDEX JS02A0								
UNIT ASSEMBLY NAME CARD CAGE ASSY, CPU R.H.				STRING				DATE 09-03-82				PAGE 293								
RECORD NUMBER	FROM			TO			WIRE			SIGNAL	SEQ NO	EQUATION	3	8	CMT 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											
22024		XA351	45		XA111	49			168	9					EXT					
14726		XA111	49		XA114	05			168	9					TQ2	O4		24B		
14830		XA114	05		XA317	11			168	9					TQ2	A2		03B		
14840		XA317	11		XA318	10			168	9					TQ2	A4		09B		
21314		XA318	10												RR4	A2				
14844		XA317	15		XA217	65			168	9					TQ2	A4		07B		STIM LEVEL 77 FRC
14845		XA217	65		XA211	54			168	9					TT3	F2		34B		
14846		XA211	54		XA108	24			168	9					TQ2	D1		25A		
14847		XA108	24		XA121	13			168	9					TT3	B1		13A		
14848		XA121	13						168	9					TS8	A1		06B		
14848		XA318	47		XA331	46			168	9					RR4	E3				
14849		XA331	46		XA351	25			168	9					TLD	O2		21A		TO IO- OFR COMM
21737		XA351	25												EXT					OFR COMM
14853		XA318	72		XA205	59			168	9					RR4	G1				
14854		XA205	59		XA206	79			168	9					TT3	E3		31B		
14855		XA206	79		XA215	66			168	9					TQ2	F1		39B		
14856		XA215	66		XA213	06			168	9					TOD	JP		31A		
14857		XA213	06		XA215	06			168	9					TOD	AP		05A		
14858		XA215	06		XA132	05			168	9					TOD	AP		05A		
14859		XA132	05		XA331	39			168	9					TT3	A2		03B		
13131		XA331	39		XA342	42			168	9					TLD	C4		19B		
14862		XA342	42		XA344	03			168	9					TT3	C1		20A		
14863		XA344	03		XA344	15			168	9					TOD	BQ		02A		
14864		XA344	15		XA344	20			168	9					TOD	AQ		07B		
14865		XA344	20		XA344	22			168	9					TOD	DP		11A		
14866		XA344	22		XA344	29			168	9					TOD	CP		12A		
14867		XA344	29		XA344	39			168	9					TOD	FQ		14B		
14868		XA344	39						168	9					TOD	EQ		19B		
14871		XA318	63		XA221	71			168	9					RR4	G4				
14872		XA221	71		XA331	51			168	9					TT3	F2		36A		
14873		XA331	51		XA524	15			168	9					TLD	D4		27B		
14874		XA524	15		XA524	03			168	9					TOD	AQ		07B		
14875		XA524	03		XA431	20			168	9					TOD	BQ		02A		
14876		XA431	20		XA431	22			168	9					TOD	DP		11A		
14877		XA431	22		XA431	36			168	9					TOD	CP		12A		
14878		XA431	36		XA431	38			168	9					TOD	FP		17A		
14879		XA431	38		XA431	52			168	9					TOD	EP		18A		
14880		XA431	52		XA431	50			168	9					TOD	GP		24A		
14881		XA431	50		XA432	50			168	9					TOD	HP		23A		
14882		XA432	50		XA432	52			168	9					TOD	HP		23A		
14883		XA432	52		XA432	66			168	9					TOD	GP		24A		
14884		XA432	66		XA432	64			168	9					TOD	JP		31A		
14885		XA432	64		XA431	64			168	9					TOD	KP		30A		
14886		XA431	64		XA431	66			168	9					TOD	KP		30A		
									****	SIGNAL	J2RESO				IS ON THE	NEXT PAGE	****			

DRAWING NUMBER 149011-800
 UNIT ASSEMBLY NAME CARD CAGE ASSY,CPU R.H.

STRING

UNIT ASSEMBLY NO 149011
 FILE IDENT T3982CP2

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RECORD NUMBER	FROM				TO				WIRE			SIGNAL	SEQ NO	EQUATION	TEST	G	CAT ON CHIP TYPE	GROUP	LOAD OR POWER PLANE	TEST POINTS AND OR	SIGNAL DESCRIPTION	ECO NO
	PREFIX	CONNECTOR	PIN	WIRE	PREFIX	CONNECTOR	PIN	WIRE	MULTI GROUP	CODE	COLOR											
14887		XA431	66		XA431	75		168	9			J2RES0	17	CC068P	01	1	T00	JP		37A		
14888		XA431	75		XA431	73		168	9			J2RES0	18	CC088P	01	1	T00	LP		37B		
14889		XA431	73		XA432	73		168	9			J2RES0	19	CC098P	01	1	T00	MP		36B		
14890		XA432	73		XA432	75		168	9			J2RES0	20	CC158P	01	1	T00	MP		36B		
14891		XA432	75					168	9			J2RES0	21	CC148P	01	1	T00	LP		37B		
14894		XA117	75		XA406	18		168	9			J3RES0	0A	ES018P	01	1	T00	LP		37B		
17666		XA406	18		XA504	72		168	9			J3RES0	00	CMCLM0	01	2	TQ2	B2		10A		
18788		XA504	72		XA507	54		168	9			J3RES0	01	CMCL00	01	2	YF3	F2		34A		
14895		XA507	54		XA517	73		168	9			J3RES0	02	PL00R0	01	2	TQ2	D1		25A		
14896		XA517	73		XA517	75		168	9			J3RES0	03	PL098P	01	1	T00	MP		36B		
14897		XA517	75		XA518	75		168	9			J3RES0	04	PL088P	01	1	T00	LP		37B		
14898		XA518	75		XA518	50		168	9			J3RES0	05	PL068P	01	1	T00	LP		37B		
14899		XA518	50		XA518	52		168	9			J3RES0	06	PL038P	01	1	T00	MP		23A		
14900		XA518	52		XA518	64		168	9			J3RES0	07	PL028P	01	1	T00	GP		24A		
14901		XA518	64		XA518	66		168	9			J3RES0	08	PL058P	01	1	T00	KP		30A		
14902		XA518	66		XA518	65		168	9			J3RES0	09	PL048P	01	1	T00	JP		31A		
14903		XA518	65		XA519	04		168	9			J3RES0	10	PL078Q	01	1	T00	MP		34B		
14904		XA519	04		XA519	06		168	9			J3RES0	11	PQ028P	01	1	T00	BP		04A		
14905		XA519	06		XA519	20		168	9			J3RES0	12	PQ018P	01	1	T00	AP		05A		
14906		XA519	20		XA519	22		168	9			J3RES0	13	PQ048P	01	1	T00	DP		11A		
14907		XA519	22		XA519	38		168	9			J3RES0	14	PQ038P	01	1	T00	CP		12A		
14908		XA519	38		XA523	73		168	9			J3RES0	15	PQ058P	01	1	T00	EP		18A		
14909		XA523	73		XA524	75		168	9			J3RES0	16	PQ008P	01	1	T00	MP		36B		
14910		XA524	75		XA524	66		168	9			J3RES0	17	LN108P	01	1	T00	LP		37B		
14911		XA524	66		XA332	39		168	9			J3RES0	18	CN088P	01	1	T00	JP		31A		
13143		XA332	39		XA213	73		168	9			J3RES0	19	J3RES0	00	1	TLD	C4		19B		
14913		XA213	73		XA318	65		168	9			J3RES0	20	CQEX8P	01	1	T00	MP		36B		
14914		XA318	65		XA230	42		168	9			J3RES0	21				RR4	G3				
18606		XA230	42					168	9			J3RES0	22	CPFS1A	01	1	TD4	C1		20A		
12980		XA332	51		XA318	66		168	9			J4RES0	01	J4RES0	00	1	TLD	D4		27B		
14922		XA318	66		XA116	75		168	9			J4RES0	02				RR4	G2				
14923		XA116	75		XA116	73		168	9			J4RES0	03	ED178P	01	1	T00	LP		37B		
14924		XA116	73		XA113	73		168	9			J4RES0	04	ED188P	01	1	T00	MP		36B		
14925		XA113	73		XA113	78		168	9			J4RES0	05	ED10P0	01	1	TQ2	F2		36B		
14926		XA113	78		XA113	74		168	9			J4RES0	06	ED12P0	01	2	TQ2	F4		38A		
14927		XA113	74		XA111	59		168	9			J4RES0	07	ED11P0	01	2	TQ2	F3		35B		
14928		XA111	59		XA111	53		168	9			J4RES0	08	ED14P0	01	1	TQ2	E4		31B		
14929		XA111	53		XA111	47		168	9			J4RES0	09	ED13P0	01	1	TQ2	E3		28B		
14930		XA111	47		XA111	43		168	9			J4RES0	10	ED16P0	01	1	TQ2	O4		25B		
14931		XA111	43		XA114	04		168	9			J4RES0	11	ED15P0	01	2	TQ2	O3		23B		
14932		XA114	04		XA116	04		168	9			J4RES0	12	EDS1P0	01	1	TQ2	A2		04A		
14933		XA116	04		XA116	06		168	9			J4RES0	13	EDS18P	01	1	T00	BP		04A		
14934		XA116	06		XA117	06		168	9			J4RES0	14	EDS8P	01	1	T00	AP		05A		
14935		XA117	06		XA117	22		168	9			J4RES0	15	EDS8P	01	1	T00	AP		05A		
14936		XA117	22		XA117	20		168	9			J4RES0	16	EDD18P	01	1	T00	CP		12A		
14937		XA117	20		XA116	20		168	9			J4RES0	17	ED028P	01	1	T00	DP		11A		
14938		XA116	20		XA116	22		168	9			J4RES0	18	ED048P	01	1	T00	DP		11A		
14939		XA116	22		XA116	36		168	9			J4RES0	19	ED038P	01	1	T00	CP		12A		
								****		SIGNAL		J4RES0					S ON THE		NEXT PAGE	****		

DRAWING NUMBER		149011-800		STRING		UNIT ASSEMBLY NO.		149011		REV D		INDEX		J4RESD										
UNIT ASSEMBLY NAME		CARD CAGE ASSY, CPU R.H.		FILE IDENT		T39B2CP2		DATE		09-03-82		PAGE		295										
RECORD NUMBER	FROM				TO				WIRE				SIGNAL	SFO NO	EQUATION	TERM	FACTOR	CAT OR CHIP TYPE	GROUP	LOAD OR POWER PLANE	TEST POINTS AND OP	SIGNAL DESCRIPTION	ECO NO	
	PREFIX	CONNECTOR	PIN	C	PREFIX	CONNECTOR	PIN	MULTI GROUP	CODE	CO. JA	IDENT	SPEC												UNIT
14940		XA116	38		XA116	36		168	9				J4RESD	20	ED07BP	01	1	TDD	EP		18A			
14941		XA116	36		XA117	36		168	9				J4RESD	21	ED08BP	01	1	TDD	FP		17A			
14942		XA117	36		XA117	38		168	9				J4RESD	22	ED06BP	01	1	TDD	FP		17A			
14943		XA117	38		XA117	52		168	9				J4RESD	23	ED05BP	01	1	TDD	EP		16A			
14944		XA117	52		XA551	63		188	9				J4RESD	24	ED09BP	01	1	TDD	GP		24A			
21973		XA551	63					188	9				J4RESD	25				EXT						
19778		XA148	31		XA448	55		168	9				KBAY1B	02				EXT						
20153		XA448	55					168	9				KBAY1B	03				EXT					TO 1/2 PWR ON LT	
23449		XA138	80		XA137	80		168	9			P	KBV2LX	01	KBAY2B	01	1	DCF	D5		38B			
23448		XA137	80		XA336	55		168	9			P	KBV2DX	02	KBAY2B	02	1	DCF	D5		38B		CPU POWER ON TO	
20684		XA336	55		XA448	57		168	9				KBAY2B	03				RR1	F3					
20155		XA448	57					168	9				KBAY2B	04				EXT						
23441		XA137	79		XA448	58		168	9				KBAY2G	01				DCF			40B			
14391		XA448	58					168	9				KBAY2G	02				EXT						
23444		XA138	65		XA137	65		168	9			P	KBSCDX	01	KBSCDB	02	1	DCF	D1		32B		TEST LOAD STATUS	
23442		XA137	65		XA318	76		168	9			P	KBSCDX	02	KBSCDB	01	1	DCF	D1		32B		LOAD STATUS CPU TO	
12973		XA318	76		XA448	41		168	9				KBSCDB	03				RR4	H2					
20140		XA448	41					168	9				KBSCDB	04				EXT						CUB= UPPER CLB=LWR
19017		XA137	65									J	KBSCDX	01	KBSCDX	00	1	DCF	D1		32B			KBSCDB BUSS
23443		XA137	67		XA448	42		168	9				KBSCDG	01				DCF						
20141		XA448	42					168	9				KBSCDG	02				EXT						
19089		XA138	65									J	KBSCDX	01	KBSCDX	00	1	DCF	D1		32B			KBSCDB BUSS
23446		XA138	61		XA137	61		168	9			P	KBSIDX	01	KBSIDB	01	1	DCF	D7		33A		TEST LOAD STATUS	
23447		XA137	61		XA318	78		168	9			P	KBSIDX	02	KBSIDB	02	1	DCF	D7		33A		LOAD STATUS IOU TO	
12993		XA318	78		XA448	43		168	9				KBSIDB	03				RR4	H1					
20142		XA448	43					168	9				KBSIDB	04				EXT						CUB= UPPER ILB=LWR
19013		XA137	61									J	KBSIDX	01	KBSIDX	00	1	DCF	D7		33A			KBSIDB BUSS
23445		XA137	56		XA448	44		168	9				KBSIDG	01				DCF						
22834		XA448	44					168	9				KBSIDG	02				EXT						
19085		XA138	61									J	KBSIDX	01	KBSIDX	00	1	DCF	D7		33A			KBSIDB BUSS
19031		XA137	80									J	KBV2DX	01	KBV2DX	00	1	DCF	D5		38B			KBAY2B BUSS
19103		XA138	80									J	KBV2LX	01	KBV2LX	00	1	DCF	D5		38B			KBAY2B BUSS
23452		XA138	78		XA137	78		168	9			P	KCPSLDX	01	KCPSDB	01	1	DCF	D3		37B		TEST CPU STOPPED	
23450		XA137	78		XA318	71		168	9			P	KCPSDDX	02	KCPSDB	02	1	DCF	D3		37B		CPU STOPPED TO F/P	
20648		XA318	71		XA448	45		168	9				KCPSDB	03				RR4	H5					
20143		XA448	45					168	9				KCPSDB	04				EXT						

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

STRING

UNIT ASSEMBLY NO 149011
 FILE IDENT T3982CP2

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 DATE 09-03-82

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RECORD NO	FROM				TO				WIRE		MULTI GROUP	CODE	COL. CR	IDENT	PARTIAL WIRE	SIGNAL	SFO NO	EQUATION	TERM	FACTOR	CMT OR CHIP TYPE	PROP	LOAD OR POWER PLANE	TEST POINTS (AND/OR)	SIGNAL DESCRIPTION	ECO NO
	PREFIX	CONNECTOR	PIN	KEY	PREFIX	CONNECTOR	PIN	KEY																		
19029		XA137	78											J	KCPSDDX	01	KCPSDDX	00	1	DCF	D3		37B	KCPSDB BUSS		
23451 20144		XA137 XA448	77 46		XA448	46			18B	9					KCPSDG KCPSDG	01 02				DCF EXT						
19101		XA138	78											J	KCPSLDX	01	KCPSLDX	00	1	DCF	D3		37B	KCPSDB BUSS		
00312 20164		XA148 XA448	12 68		XA448	68			18B	9					KC1FLG KC1FLG	01 02				EXT EXT						
19761 22835		XA148 XA448	11 67		XA448	67			18B	9					KC1FLT KC1FLT	01 02				EXT EXT						
21446 20163		J01 XA448	E3 66		XA448	66		AC	1EB	0					KC2FLG KC2FLG	01 02				PWR EXT					A01	
21457 20162		J01 XA448	E2 65		XA448	65		AC	1EB	9					KC2FLT KC2FLT	01 02				PWR EXT					A01	
23455 23453 20650 20138		XA138 XA139 XA318 XA448	60 80 75 37		XA139 XA318 XA448	80 75 37			18B	9			P P		KDSCLDX KDSCDX KDSCDB KDSCDB	01 02 03 04	KDSCDB KDSCDB	01 02	1	DCF DCF RR4 EXT	C5 D5 H3		31B 38B	TEST DIAG STATUS DIAG STATUS CPU TO		
19175		XA139	80											J	KDSCDX	01	KDSCDX	00	1	DCF	D5		38B	KDSCDB BUSS		
23454 20137		XA139 XA448	79 38		XA448	38			18B	9					KDSCDG KDSCDG	01 02				DCF EXT			40B			
19084		XA138	60											J	KDSCLDX	01	KDSCLDX	00	1	DCF	C5		31B	KDSCDB BUSS		
23458 23456 20649 20138		XA138 XA139 XA318 XA448	55 78 73 39		XA139 XA318 XA448	78 73 39			18B	9			P P		KDSILD KDSIDDX KDSIDB KDSIDB	01 02 03 04	KDSIDB KDSIDB	01 02	1	DCF DCF RR4 EXT	C3 D3 H4		30B 37B	TEST DIAG STATUS DIAG STATUS IOU TO		
19173		XA139	78											J	KDSIDDX	01	KDSIDDX	00	1	DCF	D3		37B	KDSIDB BUSS		
23457 20139		XA139 XA448	77 40		XA448	40			18B	9					KDSIDG KDSIDG	01 02				DCF EXT						
19080		XA138	55											J	KDSILOX	01	KDSILOX	00	1	DCF	C3		30B	KDSIDB BUSS		
23461 23459 18749 20105		XA137 XA139 XA336 XA448	01 01 05 01		XA139 XA336 XA448	01 05 01			18B	9			P P		KD01LDX KD01DDX KD01DB KD01DB	01 02 03 04	KD01DB KD01DB	01 02	1	DCF DCF RR1 EXT	A7 A7 A1		02A 02A	TEST DIAG 01 DRVR DIAG 01 TO F7P LED		
															**** SIGNAL KD01DDX ****											IS ON THE NEXT PAGE ****

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DRAWING NUMBER 149011-800
 UNIT ASSEMBLY NAME CARD CAGE ASSY,CPU R.H.

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UNIT ASSEMBLY NO 149011
 FILE IDENT T39B2CP2

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RECORD NUMBER	FROM				TO				WIRE				SIGNAL	SEQ NO	EQUATION	TERM	FACTOR	CCT 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												SPECIFIC	
19104		XA139	01										J	K00100X	01	K00100X	00	1	DCF	A7	02A	K00100B BUSS			
23460		XA139	02		XA448	02			16B	9				K00100G	01				DCF		01A				
22833		XA448	02						16B	9				K00100G	02				EXT						
18960		XA137	01										J	K00100X	01	K00100X	00	1	DCF	A7	02A	K00100B BUSS			
23464		XA137	07		XA139	07			16B	9			P	K00200X	01	K00200B	01	1	DCF	A1	02B	TEST DIAG 02 DRVR			
23462		XA139	07		XA336	07			16B	9			P	K00200X	02	K00200B	02	1	DCF	A1	02B	DIAG 02 TO F/P LED			
18768		XA336	07		XA448	03			16B	9				K00200B	03				RR1	A3					
20106		XA448	03						16B	9				K00200B	04				EXT				DIAG BIT 02 TO LED		
19109		XA139	07										J	K00200X	01	K00200X	00	1	DCF	A1	02B	K00200B BUSS			
23463		XA139	05		XA448	04			16B	9				K00200G	01				DCF						
20107		XA448	04						16B	9				K00200G	02				EXT						
18965		XA137	07										J	K00200X	01	K00200X	00	1	DCF	A1	02B	K00200B BUSS			
23467		XA137	14		XA139	14			16B	9			P	K00300X	01	K00300B	01	1	DCF	A5	08B	TEST DIAG 03 DRVR			
23465		XA139	14		XA336	08			16B	9			P	K00300X	02	K00300B	02	1	DCF	A5	08B	DIAG 03 TO F/P LED			
21020		XA336	08		XA448	05			16B	9				K00300B	03				RR1	A4					
20108		XA448	05						16B	9				K00300B	04				EXT				DIAG BIT 03 TO LED		
19115		XA139	14										J	K00300X	01	K00300X	00	1	DCF	A5	08B	K00300B BUSS			
23466		XA139	16		XA448	06			16B	9				K00300G	01				DCF						
20109		XA448	06						16B	9				K00300G	02				EXT						
18971		XA137	14										J	K00300X	01	K00300X	00	1	DCF	A5	08B	K00300B BUSS			
23470		XA137	17		XA139	17			16B	9			P	K00400X	01	K00400B	01	1	DCF	A3	07B	TEST DIAG 04 DRVR			
23468		XA139	17		XA336	35			16B	9			P	K00400X	02	K00400B	02	1	DCF	A3	07B	DIAG 04 TO F/P LED			
20668		XA336	35		XA448	07			16B	9				K00400B	04				RR1	01					
20110		XA448	07						16B	9				K00400B	05				EXT				DIAG BIT 04 TO LED		
19117		XA139	17										J	K00400X	01	K00400X	00	1	DCF	A3	07B	K00400B BUSS			
23469		XA139	19		XA448	08			16B	9				K00400G	01				DCF						
20111		XA448	08						16B	9				K00400G	02				EXT						
18973		XA137	17										J	K00400X	01	K00400X	00	1	DCF	A3	07B	K00400B BUSS			
23473		XA138	01		XA139	23			16B	9			P	K00500X	01	K00500B	01	1	DCF	A7	02A	TEST DIAG 05 DRVR			
23471		XA139	23		XA336	10			16B	9			P	K00500X	02	K00500B	02	1	DCF	B7	10A	DIAG 05 TO F/P LED			
21024		XA336	10		XA448	09			16B	9				K00500B	03				RR1	A6					
20112		XA448	09						16B	9				K00500B	04				EXT				DIAG BIT 05 TO LED		
19123		XA139	23										J	K00500X	01	K00500X	00	1	DCF	B7	10A	K00500B BUSS			
													****	SIGNAL	K00500G	IS ON THE NEXT PAGE ****									

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DRAWING NUMBER 149011-800
 UNIT ASSEMBLY NAME CARD CAGE ASSY, CPU R.H.

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 FILE IDENT T3982CP2

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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	MULTI GROUP	CODE	COLOR	LEN											
23472 20113		XA139 XA448	21 10		XA448	10		168 168	9 9							DCF EXT					
19032		XA138	01								J	KD05LDX	01	KD05LDX	00	1	DCF	A7	02A	KD05DB BUSS	
23476		XA138	07		XA139	27		168	9		P	KD06LDX	01	KD06DB	01	1	DCF	A1	02B	TEST DIAG 06 DRVR	
23474 21036 20114		XA139 XA336 XA448	27 23 11		XA336 XA448	23 11		168 168 168	9 9 9							DCF RR1 EXT	B1 C1	10B	DIAG 06 TO F/P LED		
19127		XA139	27								J	KD06DDX	01	KD06DDX	00	1	DCF	B1	10B	KD06DB BUSS	
23475 14614		XA139 XA448	25 12		XA448	12		168 168	9 9							DCF EXT					
19037		XA138	07								J	KD06LDX	01	KD06LDX	00	1	DCF	A1	02B	KD06DB BUSS	
23479		XA138	14		XA139	37		168	9		P	KD07LDX	01	KD07DB	01	1	DCF	A5	08B	TEST DIAG 07 DRVR	
23477 21038 20115		XA139 XA336 XA448	37 25 13		XA336 XA448	25 13		168 168 168	9 9 9							DCF RR1 EXT	B3 C2	15B	DIAG 07 TO F/P LED		
19135		XA139	37								J	KD07DDX	01	KD07DDX	00	1	DCF	B3	15B	KD07DB BUSS	
23478 20116		XA139 XA448	39 14		XA448	14		168 168	9 9							DCF EXT					
19043		XA138	14								J	KD07LDX	01	KD07LDX	00	1	DCF	A5	08B	KD07DB BUSS	
23482		XA138	17		XA139	41		168	9		P	KD08LDX	01	KD08DB	01	1	DCF	A3	07B	TEST DIAG 08 DRVR	
23480 20666 20117		XA139 XA336 XA448	41 29 15		XA336 XA448	29 15		168 168 168	9 9 9							DCF RR1 EXT	B5 C3	16A	DIAG 08 TO F/P LED		
19139		XA139	41								J	KD08DDX	01	KD08DDX	00	1	DCF	B5	16A	KD08DB BUSS	
23481 14616		XA139 XA448	42 16		XA448	16		168 168	9 9							DCF EXT		20B			
19045		XA138	17								J	KD08LDX	01	KD08LDX	00	1	DCF	A3	07B	KD09DB BUSS	
23485		XA138	23		XA137	23		168	9		P	KD09LDX	01	KD09DB	01	1	DCF	B7	19A	TEST DIAG 09 DRVR	
23483 20669 20118		XA137 XA336 XA448	23 36 17		XA336 XA448	36 17		168 168 168	9 9 9							DCF RR1 EXT	B7 C6	10A	DIAG 09 TO F/P LED		
18979		XA137	23								J	KD09DDX	01	KD09DDX	00	1	DCF	B7	10A	KD09DB BUSS	
23484 20119		XA137 XA448	21 18		XA448	18		168 168	9 9							DCF EXT					

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 FILE IDENT T39B2CP2

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RECORD NUMBER	FROM			TO			WIRE				SIGNAL	REQ NO	EQUATION	TERM	FACTOR	CHT 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													
19051		XA138	23								J	KD09LDX	01	KD09LDX	00	1	DCF	B7	10A	KD09DB BUSS			
23488		XA138	27	XA137	27			168	9		P	KD10LDX	01	KD10DB	01	1	DCF	B1	10B	TEST DIAG 10 DRVR			
23486		XA137	27	XA336	38			168	9		P	KD10DDX	02	KD10DB	02	1	DCF	B1	10B	DIAG 10 TO F/P LED			
20671		XA336	38	XA448	19			168	9			KD10DB	03				RRI	C5					
20120		XA448	19					168	9			KD10DB	04				EXT				DIAG BIT 10 TO LED		
18983		XA137	27								J	KD10DDX	01	KD10DDX	00	1	DCF	B1	10B	KD10DB BUSS			
23487		XA137	25	XA448	20			168	9			KD10DG	01				DCF						
20121		XA448	20					168	9			KD10DG	02				EXT						
19055		XA138	27								J	KD10LDX	01	KD10LOX	00	1	DCF	B1	10B	KD10DB BUSS			
23491		XA138	37	XA137	37			168	9		P	KD11LDX	01	KD11DB	01	1	DCF	B3	15B	TEST DIAG 11 DRVR			
23489		XA137	37	XA336	51			168	9		P	KD11DDX	02	KD11DB	02	1	DCF	B3	15B	DIAG 11 TO F/P LED			
20680		XA336	51	XA448	21			168	9			KD11DB	03				RRI	F1					
20122		XA448	21					168	9			KD11DB	04				EXT				DIAG BIT 11 TO LED		
18991		XA137	37								J	KD11DDX	01	KD11DDX	00	1	DCF	B3	15B	KD11DB BUSS			
23490		XA137	39	XA448	22			168	9			KD11DG	01				DCF						
20123		XA448	22					168	9			KD11DG	02				EXT						
19063		XA138	37								J	KD11LDX	01	KD11LOX	00	1	DCF	B3	15B	KD11DB BUSS			
23494		XA138	41	XA137	41			168	9		P	KD12LDX	01	KD12DB	01	1	DCF	B5	16A	TEST DIAG 12 DRVR			
23492		XA137	41	XA336	46			168	9		P	KD12DDX	02	KD12DB	02	1	DCF	B5	16A	DIAG 12 TO F/P LED			
20677		XA336	46	XA448	23			168	9			KD12DB	03				RRI	D6					
20124		XA448	23					168	9			KD12DB	05				EXT				DIAG BIT 12 TO LED		
18995		XA137	41								J	KD12DDX	01	KD12DDX	00	1	DCF	B5	16A	KD12DB BUSS			
23493		XA137	42	XA448	24			168	9			KD12DG	01				DCF		20B				
20125		XA448	24					168	9			KD12DG	02				EXT						
19067		XA138	41								J	KD12LDX	01	KD12LOX	00	1	DCF	B5	16A	KD12DB BUSS			
23497		XA137	43	XA139	43			168	9		P	KD13LDX	01	KD13DB	01	1	DCF	C7	25A	TEST DIAG 13 DRVR			
23495		XA139	43	XA336	47			168	9		P	KD13DDX	02	KD13DB	02	1	DCF	C7	25A	DIAG 13 TO F/P LED			
20678		XA336	47	XA448	25			168	9			KD13DB	03				RRI	E3					
20126		XA448	25					168	9			KD13DB	04				EXT				DIAG BIT 13 TO LED		
19141		XA139	43								J	KD13DDX	01	KD13DDX	00	1	DCF	C7	25A	KD13DB BUSS			
23496		XA139	44	XA448	26			168	9			KD13DG	01				DCF						
20127		XA448	26					168	9			KD13DG	02				EXT						
											****	SIGNAL	(KD13LDX)	IS ON THE NEXT PAGE ****									

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

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RECORD NUMBER	FROM				TO				MULTI GROUP	CODE	COLOR	IDENT	SIGNAL	SEQ NO	EQUATION	TEST POINT	FACTS	CKT OR CHIP TYPE	GROUP	LOAD OR POWER PLANE	TEST POINTS AND/OR	SIGNAL DESCRIPTION	ECO NO	
	PREFIX	CONNECTOR	PIN	CS	PREFIX	CONNECTOR	PIN	CS																
18997		XA137	43									J	K013LDX	01	K013LDX	00	1	DCF	C7		25A	K013DB BUSS		
23500		XA137	46		XA139	46			168	9		P	K014LDX	01	K014DB	01	1	DCF	C1		25B	TEST DIAG 14 DRVR		
23498		XA139	46		XA336	48			168	9		P	K014DDX	02	K014DB	02	1	DCF	C1		25B	DIAG 14 TO F/P LED		
20679		XA336	48		XA448	27			168	9			K014DB	04				RR1	E4					
20128		XA448	27						168	9			K014DB	05				EXT					DIAG BIT 14 TO LED	
19143		XA139	46									J	K014DDX	01	K014DDX	00	1	DCF	C1		25B	K014DB BUSS		
23499		XA139	45		XA448	28			168	9			K014DG	01				DCF			27A			
14618		XA448	28						168	9			K014DG	02				EXT						
18999		XA137	46									J	K014LUX	01	K014LUX	00	1	DCF	C1		25B	K014DB BUSS		
23503		XA137	55		XA139	55			168	9		P	K015LDX	01	K015DB	01	1	DCF	C3		30B	TEST DIAG 15 DRVR		
23501		XA139	55		XA336	52			168	9		P	K015DDX	02	K015DB	02	1	DCF	C3		30B	DIAG 15 TO F/P LED		
20681		XA336	52		XA448	29			168	9			K015DB	04				RR1	E5					
20129		XA448	29						168	9			K015DB	05				EXT					DIAG BIT 15 TO LED	
19152		XA139	55									J	K015DDX	01	K015DDX	00	1	DCF	C3		30B	K015DB BUSS		
23502		XA139	53		XA448	30			168	9			K015DG	01				DCF						
20130		XA448	30						168	9			K015DG	02				EXT						
19008		XA137	55									J	K015LOX	01	K015LOX	00	1	DCF	C3		30B	K015DB BUSS		
23506		XA137	60		XA139	60			168	9		P	K016LDX	01	K016DB	01	1	DCF	C5		31B	TEST DIAG 16 DRVR		
23504		XA139	60		XA336	45			168	9		P	K016DDX	02	K016DB	02	1	DCF	C5		31B	DIAG 16 TO F/P LED		
20676		XA336	45		XA448	31			168	9			K016DB	03				RR1	E2					
20131		XA448	31						168	9			K016DB	04				EXT					DIAG BIT 16 TO LED	
19156		XA139	60									J	K016DDX	01	K016DDX	00	1	DCF	C5		31B	K016DB BUSS		
23505		XA139	58		XA448	32			168	9			K016DG	01				DCF						
14620		XA448	32						168	9			K016DG	02				EXT						
19012		XA137	60									J	K016LDX	01	K016LDX	00	1	DCF	C5		31B	K016DB BUSS		
23509		XA138	43		XA139	61			168	9		P	K017LDX	01	K017DB	01	1	DCF	C7		25A	TEST DIAG 17 DRVR		
23507		XA139	61		XA336	39			168	9		P	K017DDX	02	K017DB	02	1	DCF	D7		33A	DIAG 17 TO F/P LED		
20672		XA336	39		XA448	33			168	9			K017DB	04				RR1	D3					
20132		XA448	33						168	9			K017DB	05				EXT					DIAG BIT 17 TO LED	
19157		XA139	61									J	K017DDX	01	K017DDX	00	1	DCF	D7		33A	K017DB BUSS		
23508		XA139	59		XA448	34			168	9			K017DG	01				DCF						
20133		XA448	34						168	9			K017DG	02				EXT						
19069		XA138	43									J	K017LDX	01	K017LDX	00	1	DCF	C7		25A	K017DB BUSS		
													****	SIGNAL	K018DB								IS ON THE NEXT PAGE	****

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

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UNIT ASSEMBLY NO. 149011
 FILE IDENT T3982CP2

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RECORD NUMBER	FROM				TO				WIRE				SIGNAL	SEQ NO	EQUATION	TERM	E FACTOR	CMT OR CHIP TYPE	GROUP	LOAD OR POWER PLANE	TEST POINTS AND/OR	SIGNAL DESCRIPTION	ECO NO	
	PREFIX	CONNECTOR	PIN	WIRE NO	PREFIX	CONNECTOR	PIN	WIRE NO	MULTI GROUP	CODE	COLOR	IDENT												
23512		XA138	46			XA139	65			168	9		P	KD18LDX	01	KD180B	01	1	DCF	C1	298	TEST DIAG 18 DRVR		
23510		XA139	65			XA336	61			168	9		P	KD18DDX	02	KD180B	02	1	DCF	D1	328	DIAG 18 TO F/P LED		
20686		XA336	61			XA448	35			168	9			KD180B	04				RRI	G1				
20134		XA448	35							168	9			KD180B	05					EXT				DIAG BIT 18 TO LED
19161		XA139	65										J	KD18DDX	01	KD18DDX	00	1	DCF	D1	328		KD180B BUSS	
23511		XA139	67			XA448	36			168	9			KD180G	01					DCF				
20135		XA448	36							168	9			KD180G	02					EXT				
19071		XA138	46										J	KD18LDX	01	KD18L0X	00	1	DCF	C1	298		KD180B BUSS	
22481		J01	M2			XA148	13			180	9			LOGC2B	01					PWR				801
19762		XA148	13							180	9			LOGC2B	02					EXT				
21933		XA450	33			XA531	77			168	9			MACPTA	01					EXT				
14996		XA531	77							168	9			MACPTA	02	CN064A	01	2	TQ2	F1	388			
21937		XA450	01			XA440	11			168	9			MA00BP	01					EXT				
15002		XA440	11							168	9			MA00BP	02	C430CA	01	1	TQ2	A4	058			
21936		XA450	03			XA514	76			168	9			MA00BQ	01					EXT				
15004		XA514	76							168	9			MA00BQ	02	PQ06M0	01	1	TQ2	F4	37A			
21940		XA450	05			XA440	26			168	9			MA01BP	01					EXT				
15010		XA440	26							168	9			MA01BP	02	C431CA	01	1	TQ2	B1	14A			
21941		XA450	07			XA511	05			168	9			MA01BQ	01					EXT				
15012		XA511	05							168	9			MA01BQ	02	PQ07M0	01	2	TQ2	A2	038			
21944		XA450	09			XA440	18			168	9			MA02BP	01					EXT				
15018		XA440	18							168	9			MA02BP	02	C432CA	01	2	TQ2	B2	10A			
21945		XA450	11			XA511	03			168	9			MA02BQ	01					EXT				
15020		XA511	03							168	9			MA02BQ	02	PQ08M0	01	1	TQ2	A3	02A			
21948		XA450	13			XA440	19			168	9			MA03BP	01					EXT				
15026		XA440	19							168	9			MA03BP	02	C433CA	01	2	TQ2	B3	098			
21949		XA450	15			XA511	11			168	9			MA03BQ	01					EXT				
15028		XA511	11							168	9			MA03BQ	02	PQ09M0	01	1	TQ2	A4	058			
21952		XA450	17			XA445	77			168	9			MA11BP	01					EXT				
15034		XA445	77							168	9			MA11BP	02	C420CA	01	2	TQ2	F1	388			
21954		XA450	19			XA445	71			168	9			MA12BP	01					EXT				
15038		XA445	71							168	9			MA12BP	02	C421CA	01	2	TQ2	F2	36A			
21956		XA450	21			XA445	65			168	9			MA13BP	01					EXT				
15042		XA445	65							168	9			MA13BP	02	C422CA	01	1	TQ2	F3	348			

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RECORD NUMBER	FROM				TO				WIRE				SIGNAL	SFC NO	EQUATION	T	S	CKT OR CHIP TYPE	WMP	LOAD OR POWER PLANE	TEST POINTS AND OR	SIGNAL DESCRIPTION	ECO NO
	PREFIX	CONNECTOR	PIN	C	PREFIX	CONNECTOR	PIN	C	MULTI GROUP	CODE	COLOR	IDENT											
21958 15046		XA450 XA445	23 76			XA445	76			168 168	9 9		MA148P MA148P	01 02				EXT TQ2	F4		37A		
21960 15050 15051		XA450 XA437 XA438	25 19 41			XA437 XA438	19 41			168 168	9 9		MA158P MA158P MA158P	01 02 03				EXT TQ4 TT3			098 22B		
21961 15053 15054 15055		XA450 XA441 XA438	27 47 49			XA441 XA438 XA438	47 49 68			168 168 168	9 9 9		MA158Q MA158Q MA158Q	01 02 03				EXT TQ2 TT3			258 268 32A		
21964 15065 15066 15067 15068 15069 15070 15071 15072 15073 15074		XA450 XA307 XA402 XA537 XA537 XA540 XA541 XA540 XA537 XA541 XA541 XA402	29 77 77 50 78 78 23 23 52 70 79 79 78 53			XA307 XA402 XA537 XA540 XA541 XA540 XA537 XA541 XA402	77 50 78 05 23 52 70 79 78 53			168 168 168 168 168 168 168 168 168 168	9 9 9 9 9 9 9 9 9 9 9		MA15P0 MA15P0 MA15P0 MA15P0 MA15P0 MA15P0 MA15P0 MA15P0 MA15P0 MA15P0 MA15P0	01 02 03 04 05 06 07 08 09 10 11				EXT TQ4 TQ2 TQ2 TT3 TQ2 TQ2 TQ4 TQ2 TQ2 TQ2			368 23A 36A 038 118 24A 33A 398 38A 288		
21966 15080 15081 15082 15083 15084 15085 15086 15087		XA450 XA307 XA534 XA537 XA537 XA538 XA538 XA538 XA541 XA541 XA540	31 66 31 53 62 55 55 50 47 47 13			XA307 XA534 XA537 XA537 XA538 XA538 XA538 XA541 XA540	66 31 53 62 55 50 47 13			168 168 168 168 168 168 168 168 168	9 9 9 9 9 9 9 9 9		MA15Q0 MA15Q0 MA15Q0 MA15Q0 MA15Q0 MA15Q0 MA15Q0 MA15Q0 MA15Q0	01 02 03 04 05 06 07 08 09				EXT TQ4 TQ2 TQ2 TQ2 TQ4 TQ2 TQ2			31A 158 288 24A 298 23A 258 068		
21968 15091 15092 15093		XA450 XA512 XA513 XA514	35 34 25 47			XA512 XA513 XA514	34 25 47			168 168 168 168	9 9 9 9		MB00C0 MB00C0 MB00C0 MB00C0	01 02 03 04				EXT TS8 TQ4 TQ2			16A 128 258		
21970 15097 15098 15099		XA450 XA512 XA514 XA504	37 31 68 78			XA512 XA514 XA504	31 68 78			168 168 168 168	9 9 9 9		MB01C0 MB01C0 MB01C0 MB01C0	01 02 03 04				EXT TS8 TQ2 TT3			158 32A 38A		
23404 23405		XA550 XA344	64 67			XA344	67		AD	1E8	0		MC061G MC061G	01 02				EXT TQ0			408		
21972		XA550	63			XA344	73		AD	1E8	9		MC0610	01				EXT					
									****	SIGNAL			MC0610		IS ON THE						****		

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DRAWING NUMBER 149011-800
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RECORD NUMBER	FROM			TO			WIRE				SIGNAL	SEQ NO	EQUATION	TER	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											
15103		XA344	73				AD	1EB	9			MC0610	02	CYMCBP	01	1	YDD	HP	36B		
21713		XA550	69		XA438	11	AE	1EB	9			MC119A	01				EXT				
15105		XA438	11		XA429	05		16B	9			MC119A	02	CSECPA	01	2	TT3	A3	05B		
15106		XA429	05		XA526	03		16B	9			MC119A	03	CCDTRA	01	2	TD4	A2	03B		
15107		XA526	03		XA526	10		16B	9			MC119A	04	CNCP1A	01	3	TT3	A2	02A		
15108		XA526	10		XA526	11		16B	9			MC119A	05	CNCP0A	01	1	TT3	A1	07A		
15109		XA526	11					16B	9			MC119A	06	CNCP2A	01	2	TT3	A3	05B		
23406		XA550	70		XA438	16	AE	1EB	0			MC119G	01				EXT				
23407		XA438	16				AE	1EB	0			MC119G	02				YT3		21B		
22046		XA551	23		XA301	55		16B	9			MC122A	01				EXT				C04
15270		XA301	55		XA544	65		16B	9			MC122A	02	C612LA	01	7	TS8	E1	29B		C04
15271		XA544	65					16B	9			MC122A	03	C510XA	01	3	TT3	F2	34B		C04
21976		XA450	39		XA431	24		16B	9			MD0010	01				EXT				
15115		XA431	24					16B	9			MD0010	02	CC00B1	01	1	TDD	C1	13A		
21978		XA450	41		XA431	18		16B	9			MD0110	01				EXT				
15119		XA431	18					16B	9			MD0110	02	CC01B1	01	1	TDD	D1	10A		
21980		XA450	43		XA431	40		16B	9			MD0210	01				EXT				
15123		XA431	40					16B	9			MD0210	02	CC02B1	01	1	TDD	E1	19A		
21982		XA450	45		XA431	34		16B	9			MD0310	01				EXT				
15127		XA431	34					16B	9			MD0310	02	CC03B1	01	1	TDD	FI	16A		
21984		XA450	47		XA431	54		16B	9			MD0410	01				EXT				
15131		XA431	54					16B	9			MD0410	02	CC04B1	01	1	TDD	GI	25A		
21986		XA450	49		XA431	48		16B	9			MD0510	01				EXT				
15135		XA431	48					16B	9			MD0510	02	CC05B1	01	1	TDD	HI	22A		
21988		XA450	51		XA431	68		16B	9			MD0610	01				EXT				
15139		XA431	68					16B	9			MD0610	02	CC06B1	01	1	TDD	J1	32A		
21990		XA450	53		XA431	62		16B	9			MD0710	01				EXT				
15143		XA431	62					16B	9			MD0710	02	CC07B1	01	1	TDD	K1	29A		
21992		XA450	55		XA431	77		16B	9			MD0810	01				EXT				
15147		XA431	77					16B	9			MD0810	02	CC08B1	01	1	TDD	L1	38B		
21994		XA450	57		XA431	71		16B	9			MD0910	01				EXT				
15151		XA431	71					16B	9			MD0910	02	CC09B1	01	1	TDD	M1	36A		
21996		XA450	59		XA432	54		16B	9			MD1010	01				EXT				
15155		XA432	54					16B	9			MD1010	02	CC10B1	01	1	TDD	GI	25A		
21998		XA450	61		XA432	48		16B	9			MD1110	01				EXT				
											****	SIGNAL	(MD1110)	IS ON THE	NEXT PAGE	****					

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RECORD NUMBER	FROM				TO				WIRE				SIGNAL	SEQ NO	EQUATION	TERMINAL	FACTORY	CKT OR CHIP TYPE	GROUP	LOAD OR POWER PLANE	TEST POINTS AND OR	SIGNAL DESCRIPTION	ECO NO
	PREFIX	CONNECTOR	PIN	WIRE NO	PREFIX	CONNECTOR	PIN	WIRE NO	MULTI GROUP	CODE	COLOR	IDENT											
15159		XA432	48							168	9		MD1110	02	CC11B1	01	1	TDD	HI		22A		
22000		XA450	63		XA432	68				168	9		MD1210	01				EXT					
15163		XA432	68							168	9		MD1210	02	CC12B1	01	1	TDD	JI		32A		
22002		XA450	65		XA432	62				168	9		MD1310	01				EXT					
15187		XA432	62							168	9		MD1310	02	CC13B1	01	1	TDD	KI		29A		
22004		XA450	67		XA432	77				168	9		MD1410	01				EXT					
15171		XA432	77							168	9		MD1410	02	CC14B1	01	1	TDD	LI		38B		
22006		XA450	69		XA432	71				168	9		MD1510	01				EXT					
15175		XA432	71							168	9		MD1510	02	CC15B1	01	1	TDD	MI		36A		
22314		XA451	25		XA114	23				168	9		MD16BQ	01				EXT					
15179		XA114	23							168	9		MD16BQ	02	ED011A	01	1	TQ2	B4		11B		
22316		XA451	27		XA115	54				168	9		MD17BQ	01				EXT					
15185		XA115	54							168	9		MD17BQ	02	ED021A	01	2	TQ2	D1		25A		
22318		XA451	29		XA114	48				168	9		MD18BQ	01				EXT					
15187		XA114	48							168	9		MD18BQ	02	ED031A	01	2	TQ2	D2		22A		
22320		XA451	31		XA115	41				168	9		MD19BQ	01				EXT					
15191		XA115	41							168	9		MD19BQ	02	ED041A	01	1	TQ2	D3		22B		
22322		XA451	33		XA114	47				168	9		MD20BQ	01				EXT					
15195		XA114	47							168	9		MD20BQ	02	ED051A	01	1	TQ2	D4		25B		
22324		XA451	35		XA115	68				168	9		MD21BQ	01				EXT					
15199		XA115	68							168	9		MD21BQ	02	ED061A	01	2	TQ2	E1		32A		
22326		XA451	37		XA115	53				168	9		MD22BQ	01				EXT					
15203		XA115	53							168	9		MD22BQ	02	ED071A	01	1	TQ2	E3		28B		
22328		XA451	39		XA114	62				168	9		MD23BQ	01				EXT					
15207		XA114	62							168	9		MD23BQ	02	ED081A	01	2	TQ2	E2		29A		
22330		XA451	41		XA114	59				168	9		MD24BQ	01				EXT					
15211		XA114	59							168	9		MD24BQ	02	ED091A	01	1	TQ2	E4		31B		
22332		XA451	43		XA111	68				168	9		MD25BQ	01				EXT					
15215		XA111	68							168	9		MD25BQ	02	ED101A	01	2	TQ2	E1		32A		
22334		XA451	45		XA113	70				168	9		MD26BQ	01				EXT					
15219		XA113	70							168	9		MD26BQ	02	ED111A	01	1	TQ2	E1		33A		
22336		XA451	47		XA111	56				168	9		MD27BQ	01				EXT					
15223		XA111	56							168	9		MD27BQ	02	ED121A	01	1	TQ2	D1		26A		
													****	SIGNAL	MD28BQ				IS 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	Q #	PREFIX	CONNECTOR	PIN	Q #	MULTI GROUP	CODE	COLOR	IDENT											
22338 15227		XA451 XA113	49 54			XA113	54			168 168	9 9		MD288Q MD288Q	01 02				EXT TQ2	D1		25A		
22340 15231		XA451 XA111	51 40			XA111	40			168 168	9 9		MD298Q MD298Q	01 02				EXT TQ2			19A		
22342 15235 15236		XA451 XA111 XA116	53 31 08			XA111 XA116	31 08			168 168 168	9 9 9		MD308Q MD308Q MD308Q	01 02 03				EXT TQ2 TQ0	C3 A1		158 06A		
22344 15240 15241		XA451 XA107 XA116	55 24 05			XA107 XA116	24 05			168 168 168	9 9 9		MD318Q MD318Q MD318Q	01 02 03				EXT TQ2 TQ0	B1 B1		13A 038		
15242 15243 15244 15245		XA301 XA513 XA512 XA512	60 19 68 73			XA513 XA512 XA512 XA534	19 68 73 26			168 168 168 168	9 9 9 9		MMAGRA MMAGRA MMAGRA MMAGRA	01 02 03 04				TS8 TD4 TS8 TS8	E1 B2 E1 F1		28A 098 32A 368		
15246 15247 15248 15249		XA534 XA545 XA544 XA544	26 53 62 71			XA545 XA544 XA544 XA550	53 62 71 53			168 168 168 168	9 9 9 9		MMAGRA MMAGRA MMAGRA MMAGRA	05 06 07 08				TQ2 TQ2 TY3 TY3	B1 E3 E2 F2		14A 288 29A 36A		
22039		XA550	53							168	9		MMAGRA	09				EXT					
22042 15258 15259 15260		XA550 XA437 XA540 XA441	51 14 06 77			XA437 XA540 XA441	14 06 77			168 168 168 168	9 9 9 9		MMAGRO MMAGRO MMAGRO MMAGRO	01 02 03 04				EXT TD4 TY3 TQ2	B2 B2 A1 F1		09A 05A 388		
15261 15262 15263 15264 15265 15266		XA441 XA438 XA438 XA438 XA435 XA534	50 48 47 66 64 03			XA438 XA438 XA438 XA435 XA534	48 47 66 64 03			168 168 168 168 168	9 9 9 9 9		MMAGRO MMAGRO MMAGRO MMAGRO MMAGRO	05 06 07 08 09 10				TQ2 TQ2 TY3 TY3 TQ2 TQ2	D2 D2 D3 E1 E2 A3		23A 22A 258 31A 30A 02A		
15267 15268		XA534 XA430	18 78			XA430	78			168 168	9 9		MMAGRO MMAGRO	11 12				TQ2 TQ2	B2 F4		10A 38A		
21648 15279 15280		XA551 XA537 XA544	21 35 29			XA537 XA544	35 29			168 168 168	9 9 9		MMAQRO MMAQRO MMAQRO	01 02 03				EXT TQ2 TT3			178 148		
22050 15282 15283		XA551 XA301 XA544	27 62 72			XA301 XA544	62 72			168 168 168	9 9 9		MMAQRA MMAQRA MMAQRA	01 02 03				EXT TS8 TT3			29A 34A		
22043 15291 15292 15293 15294		XA551 XA307 XA307 XA310 XA310 XA407	25 70 79 17 07			XA307 XA307 XA310 XA407 XA401	70 79 17 07 13			168 168 168 168 168	9 9 9 9 9		MMAQRO MMAQRO MMAQRO MMAQRO MMAQRO	01 02 03 04 05				EXT TD4 TD4 TY3 TD4			33A 398 088 03A		
												****	SIGNAL	(MMAQRO)	S ON THE NEXT PAGE				****				

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RECORD NUMBER	FROM				TO				MULTI GROUP	CODE	WIRE COLOR	IDENT	SIGNAL	SEC NO	EQUATION	TERM	FACTOR	CRY. OR CHIP TYPE	ORP	LOAD OR POWER PLANE	TEST POINTS AND/OR	SIGNAL DESCRIPTION	ECO NO	
	PREFIX	CONNECTOR	PIB	C#	PREFIX	CONNECTOR	PIB	C#																
15295		XA401	13		XA401	21			168	9			MMAQRO	06	C607FA	01	3	TT3	A3		06B			
15296		XA401	21		XA504	75			168	9			MMAQRO	07	C606FA	01	1	TT3	B3		10B			
18778		XA504	75						168	9			MMAQRO	08	C621JA	01	3	TT3	FI		37B			
22054		XA551	31		XA402	03			168	9			MMAQTA	01				EXT						
15299		XA402	03		XA512	75			168	9			MMAQTA	02	C612P0	01	1	TQ2	A3		02A			
19300		XA512	75						168	9			MMAQTA	03	PQ053A	01	3	TS8	FI		37B			
22047		XA551	29		XA538	14			168	9			MMAQTO	01				EXT						
15308		XA538	14						168	9			MMAQTO	02	C502DA	01	3	TD4	B2		09A			
22058		XA551	35		XA415	64			168	9			MNASPA	01				EXT						
19310		XA415	64		XA512	25			168	9			MNASPA	02	CNASPO	01	1	TQ2	E2		30A			
15311		XA512	25						168	9			MNASPA	03	PQ002A	01	8	TS8	B1		12B			
22051		XA551	33		XA207	26			168	9			MNASPO	01				EXT						
19319		XA207	26		XA415	70			168	9			MNASPO	02	C5LIEA	01	1	TD4	B1		14A			
15320		XA415	70		XA516	17			168	9			MNASPO	03	CNASPO	01	1	TQ2	E1		33A			
19321		XA516	17		XA513	20			168	9			MNASPO	04	MNASPA	01	1	TQ2	B3		06B			
15322		XA513	20		XA512	55			168	9			MNASPO	05	PQ051A	01	1	TD4	B2		11A			
19323		XA512	55		XA512	72			168	9			MNASPO	06	PQ024A	01	7	TS8	E1		29B			
15324		XA512	72		XA534	43			168	9			MNASPO	07	PQ053A	01	6	TS8	FI		34A			
19325		XA534	43						168	9			MNASPO	08	CQM0LA	01	2	TQ2	D3		23B			
23408		XA550	72		XA513	02		AF	1E8	0			MMPEEG	01				EXT						
23409		XA513	02					AF	1E8	0			MMPEEG	02				TD4			01A			
21718		XA550	71		XA513	01		AF	1E8	9			MMPEEO	01				EXT						
19329		XA513	01		XA512	19			168	9			MMPEEO	02	PQ011A	01	3	TS8	A2		02B			
15330		XA512	19		XA513	36			168	9			MMPEEO	03	PQ002A	01	7	TS8	B1		09B			
19331		XA513	36		XA513	43			168	9			MMPEEO	04	PQ064A	01	1	TD4	C2		17A			
15332		XA513	43		XA513	49			168	9			MMPEEO	05	PQ084A	01	4	TD4	D2		23B			
19333		XA513	49		XA513	68			168	9			MMPEEO	06	PQ074A	01	4	TD4	D1		26B			
15334		XA513	68		XA525	77			168	9			MMPEEO	07	PQ094A	01	2	TD4	E1		32A			
19335		XA525	77						168	9			MMPEEO	08	PQ001A	01	2	TD4	FI		38B			
23410		XA550	74		XA512	16		AG	1E8	0			MMPEOG	01				EXT						
23411		XA512	16					AG	1E8	0			MMPEOG	02				TS8			21B			
21715		XA550	73		XA512	20		AG	1E8	9			MMPEEO	01				EXT						
19339		XA512	20		XA513	07			168	9			MMPEEO	02	PQ002A	01	4	TS8	B1		11A			
15340		XA513	07		XA513	31			168	9			MMPEEO	03	PQ011A	01	4	TD4	A2		03A			
19341		XA513	31		XA513	50			168	9			MMPEEO	04	PQ064A	01	4	TD4	C2		15B			
15342		XA513	50		XA513	56			168	9			MMPEEO	05	PQ084A	01	1	TD4	D2		23A			
19343		XA513	56		XA513	66			168	9			MMPEEO	06	PQ074A	01	1	TD4	D1		26A			
15344		XA513	66		XA525	78			168	9			MMPEEO	07	PQ094A	01	3	TD4	E1		31A			
19345		XA525	78						168	9			MMPEEO	08	PQ001A	01	4	TD4	FI		38A			
22060		XA551	41		XA510	08			168	9			MMTOTO	01				EXT						
15349		XA510	08		XA514	61			168	9			MMTOTO	02	PQ093A	01	2	TT3	A1		06A			
									****		SIGNAL	MMTOTO		S ON THE NEXT PAGE ****										

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	PREFIX	CONNECTOR	PIN	WIRE NO	PREFIX	CONNECTOR	PIN	WIRE NO	MULTI GROUP	CODE	COLOR	IDENT									AND	OR		
15350		XA514	61		XA515	65				168	9		MMTOTO	03	PQ041A	01	2	TQ2	E4		32B			
15351		XA515	65		XA515	69				168	9		MMTOTO	04	PQ073A	01	3	TT3	F2		34B			
15352		XA515	69		XA515	75				168	9		MMTOTO	05	PQ083A	01	1	YY3	F3		35A			
15353		XA515	75							168	9		MMTOTO	06	PQ063A	01	3	TT3	F1		37B			
15354		XA505	10		XA515	45				168	9		PAUCTA	01	PAUCTO	01	1	TQ2	A1		07A			
15355		XA515	45		XA513	76				168	9		PAUCTA	02	PT04CO	01	1	TT3	D3		24B			
15356		XA513	76							168	9		PAUCTA	03	PAUCTA	00	1	TD4	F1		37A	SET PT04 DATA		
15357		XA503	50		XA504	34				168	9		PAUCTO	01	PB00CA	01	1	TQ2	D2		23A			
15358		XA504	34		XA502	22				168	9		PAUCTO	02	PB01CA	01	1	TT3	C2		16A			
15359		XA502	22		XA505	06				168	9		PAUCTO	03	PB03CA	01	3	TS8	B1		12A			
15360		XA505	06		XA404	78				168	9		PAUCTO	04	PAUCTO	00	1	TQ2	A1		05A	PERFORM BIT AUCTION		
15361		XA404	78							168	9		PAUCTO	05	PB02CA	01	8	TS8	F1		38A			
15362		XA503	48		XA501	30				168	9		PA00CA	01	PB00CA	01	2	TQ2	D2		22A			
15363		XA501	30							168	9		PA00CA	02	PA00CA	00	1	TQ2	C2		15A			
15364		XA502	11		XA501	34				168	9		PA00CO	01	PA00CO	00	1	YS8	A1		05B			
15365		XA501	34							168	9		PA00CO	02	PA00CA	01	2	TQ2	C2		16A			
15366		XA505	01		XA504	30				168	9		PA01CA	01	PA01CA	00	1	TQ2	A2		02B			
15367		XA504	30							168	9		PA01CA	02	PB01CA	01	2	YY3	C2		15A			
15368		XA506	11		XA505	04				168	9		PA01CO	01	PA01CO	00	1	TD4	A1		05B			
15369		XA505	04							168	9		PA01CO	02	PA01CA	01	1	TQ2	A2		04A			
15370		XA506	09		XA503	04				168	9		PA01DO	01	PA01DO	00	1	TD4	A2		04B			
15371		XA503	04							168	9		PA01DO	02	PA01FO	01	1	TQ2	A2		04A			
15372		XA505	09		XA503	05				168	9		PA01EA	01	PA01EA	00	1	TQ2	A3		04B			
15373		XA503	05							168	9		PA01EA	02	PA01FO	01	2	TQ2	A2		03B			
15374		XA506	23		XA505	07				168	9		PA01EO	01	PA01EO	00	1	TD4	B1		11B			
15375		XA505	07							168	9		PA01EO	02	PA01EA	01	2	TQ2	A3		03A			
15376		XA504	29		XA503	01				168	9		PA01FO	01	PB01CA	01	3	TT3	C2		14B			
15377		XA503	01							168	9		PA01FO	02	PA01FO	00	1	TQ2	A2		02B			
15378		XA505	15		XA404	74				168	9		PA02CA	01	PA02CA	00	1	TQ2	A4		07B			
15379		XA404	74							168	9		PA02CA	02	PB02CA	01	7	TS8	F1		35B			
15380		XA505	11		XA503	09				168	9		PA02CO	01	PA02CA	01	1	TQ2	A4		05B			
15381		XA503	09							168	9		PA02CO	02	PA02CO	00	1	TQ2	A3		04B			
15382		XA504	03		XA506	20				168	9		PA02DA	01	PA02JA	01	3	TT3	A2		02A			
15383		XA506	20		XA503	24				168	9		PA02DA	02	PA02MA	01	1	TD4	B2		11A			
15384		XA503	24		XA501	06				168	9		PA02DA	03	PA02FA	01	2	TQ2	B1		13A			
15385		XA501	06							168	9		PA02DA	04	PA02DA	00	1	TQ2	A1		05A			
										****	SIGNAL	PA02DO		IS ON THE										

DRAWING NUMBER 149011-800
 UNIT ASSEMBLY NAME CARD CAGE ASSY, CPU R.H.

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UNIT ASSEMBLY NO. 149011
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RECORD NUMBER	FROM				TO				WIRE				SIGNAL	SEQ NO	EQUATION	TERM	FACTOR	CH OR CHIP TYPE	GROUP	LOAD OR POWER PLANE	TEST POINTS AND/OR	SIGNAL DESCRIPTION	ECO NO
	PREFIX	CONNECTOR	PIB	POS	PREFIX	CONNECTOR	PIB	POS	MULTI GROUP	CODE	COLOR	IDENT											
15386		XA503	15							168	9		PA02DU	01	PA02DU	00	1	TQ2	A4		078		
15387		XA501	08		XA501	08				168	9		PA02DU	02	PA02DA	01	2	TQ2	A1		06A		
15388		XA503	26		XA501	01				168	9		PA02E0	01	PA02FA	01	1	TQ2	B1		14A		
15389		XA501	01							168	9		PA02E0	02	PA02E0	00	1	TQ2	A2		02B		
15390		XA503	22		XA404	75				168	9		PA02FA	01	PA02FA	00	1	TQ2	B1		12A		
15391		XA404	75							168	9		PA02FA	02	PB02CA	01	3	TS8	F1		37B		
15392		XA504	05		XA506	14				168	9		PA02GA	01	PA02JA	01	1	TT3	A2		03B		
15393		XA506	14		XA503	14				168	9		PA02GA	02	PA02WA	01	3	TQ4	B2		09A		
15394		XA503	14							168	9		PA02GA	03	PA02GA	00	1	TQ2	B2		09A		
15395		XA503	18		XA501	09				168	9		PA02G0	01	PA02GA	01	2	TQ2	B2		10A		
15396		XA501	09							168	9		PA02G0	02	PA02GU	00	1	TQ2	A3		04B		
15397		XA504	01		XA501	15				168	9		PA02H0	01	PA02JA	01	2	TT3	A2		02B		
15398		XA501	15							168	9		PA02H0	02	PA02H0	00	1	TQ2	A4		07B		
15399		XA504	07		XA404	77				168	9		PA02JA	01	PA02JA	00	1	TT3	A2		03A		
15400		XA404	77							168	9		PA02JA	02	PB02CA	01	2	TS8	F1		38B		
15401		XA506	18		XA503	21				168	9		PA02KA	01	PA02WA	01	2	TQ4	B2		10A		
15402		XA503	21							168	9		PA02KA	02	PA02KA	00	1	TQ2	B3		10B		
15403		XA503	19		XA501	22				168	9		PA02K0	01	PA02KA	01	2	TQ2	B3		09B		
15404		XA501	22							168	9		PA02K0	02	PA02K0	00	1	TQ2	B1		12A		
15405		XA506	19		XA503	27				168	9		PA02L0	01	PA02WA	01	4	TQ4	B2		09B		
15406		XA503	27							168	9		PA02L0	02	PA02L0	00	1	TQ2	B4		13B		
15407		XA506	21		XA404	79				168	9		PA02NA	01	PA02NA	00	1	TQ4	B2		10B		
15408		XA404	79							168	9		PA02NA	02	PB02CA	01	1	TS8	F1		39B		
15409		XA503	42		XA501	14				168	9		PA03CA	01	PA0300	01	1	TQ2	C1		20A		
15410		XA501	14							168	9		PA03CA	02	PA03CA	00	1	TQ2	B2		09A		
15411		XA502	19		XA501	21				168	9		PA03DA	01	PB03CA	01	7	TS8	B1		09B		
15412		XA501	21							168	9		PA03DA	02	PA03DA	00	1	TQ2	B3		10B		
15413		XA503	38		XA501	19				168	9		PA03D0	01	PA03D0	00	1	TQ2	C1		18A		
15414		XA501	19							168	9		PA03D0	02	PA03DA	01	2	TQ2	B3		09B		
15415		XA503	30		XA501	42				168	9		PA03EA	01	PA03EA	00	1	TQ2	C2		15A		
15416		XA501	42							168	9		PA03EA	02	PA03FA	01	1	TQ2	C1		20A		
15417		XA503	36		XA501	27				168	9		PA03E0	01	PA03EA	01	1	TQ2	C2		17A		
15418		XA501	27							168	9		PA03E0	02	PA03E0	00	1	TQ2	B4		13B		
15419		XA502	20		XA501	38				168	9		PA03FA	01	PB03CA	01	4	TS8	B1		11A		
										****	SIGNAL	(PA03FA)			IS ON THE						****		

DRAWING NUMBER 149011-800
 UNIT ASSEMBLY NAME CARD CAGE ASSY, CPU R.H.

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RECORD NUMBER	FROM			TO			WIRE			MULTI GROUP	CODE	COLOR	IDENT	SIGNAL	SEQ NO	EQUATION	E T	S	CKT OR CHIP TYPE	PLANE	LOAD OR POWER PLANE	TEST POINTS AND OR	SIGNAL DESCRIPTION	ECO NO
	PREFIX	CONNECTOR	PIN	PREFIX	CONNECTOR	PIN																		
15420		XA501	38							168	9			PA03FA	02	PA03FA	00	1	TQ2	C1		18A		
15421		XA503	06		XA501	31				168	9			PA03GA	01	PA03GA	00	1	TQ2	A1		05A		
15422		XA501	31							168	9			PA03GA	02	PA03HA	01	2	TQ2	C3		15B		
15423		XA504	15		XA503	10				168	9			PA03G0	01	PA03G0	00	1	TT3	A3		07B		
15424		XA503	10							168	9			PA03G0	02	PA03GA	01	1	TQ2	A1		07A		
15425		XA502	18		XA501	33				168	9			PA03HA	01	PB03CA	01	5	TS8	B1		10A		
15426		XA501	33							168	9			PA03HA	02	PA03HA	00	1	TQ2	C3		16B		
15427		XA504	17		XA504	26				168	9			PA03JA	01	PA03NA	01	3	TT3	B2		08B		
15428		XA504	26		XA504	38				168	9			PA03JA	02	PA03LA	01	1	TT3	B1		14A		
15429		XA504	38		XA501	39				168	9			PA03JA	03	PA03QA	01	3	TT3	C1		18A		
15430		XA501	39		XA503	31				168	9			PA03JA	04	PA03JA	00	1	TQ2	C4		19B		
15431		XA503	31							168	9			PA03JA	05	PA03KA	01	2	TQ2	C3		15B		
15432		XA506	35		XA501	35				168	9			PA03J0	01	PA03J0	00	1	TD4	C1		17B		
15433		XA501	35							168	9			PA03J0	02	PA03JA	01	1	TQ2	C4		17B		
15434		XA503	33		XA502	24				168	9			PA03KA	01	PA03KA	00	1	TQ2	C3		16B		
15435		XA502	24							168	9			PA03KA	02	PB03CA	01	2	TS8	B1		13A		
15436		XA504	20		XA502	25				168	9			PA03LA	01	PA03LA	00	1	TT3	B1		11A		
15437		XA502	25							168	9			PA03LA	02	PB03CA	01	8	TS8	B1		12B		
15438		XA504	14		XA503	39				168	9			PA03MA	01	PA03NA	01	2	TT3	B2		09A		
15439		XA503	39							168	9			PA03MA	02	PA03MA	00	1	TQ2	C4		19B		
15440		XA503	37		XA501	52				168	9			PA03M0	01	PA03MA	01	2	TQ2	C4		18B		
15441		XA501	52							168	9			PA03M0	02	PA03M0	00	1	TQ2	D1		24A		
15442		XA504	19		XA502	14				168	9			PA03NA	01	PA03NA	00	1	TT3	B2		09B		
15443		XA502	14							168	9			PA03NA	02	PB03CA	01	6	TS8	B1		09A		
15444		XA504	40		XA503	52				168	9			PA03PA	01	PA03QA	01	2	TT3	C1		19A		
15445		XA503	52							168	9			PA03PA	02	PA03PA	00	1	TQ2	D1		24A		
15446		XA504	27		XA503	54				168	9			PA03P0	01	PA03P0	00	1	TT3	B3		13B		
15447		XA503	54							168	9			PA03P0	02	PA03PA	01	2	TQ2	D1		25A		
15448		XA504	36		XA502	26				168	9			PA03QA	01	PA03QA	00	1	TT3	C1		17A		
15449		XA502	26							168	9			PA03QA	02	PB03CA	01	1	TS8	B1		14A		
15450		XA503	46		XA510	76				168	9			PB00CA	01	PB00CA	00	1	TQ2	D2		21A	AUC CODE 00 BIT T	
15451		XA510	76							168	9			PB00CA	02	PT0490	01	2	TT3	F3		37A		
15452		XA504	31		XA510	65				168	9			PB01CA	01	PB01CA	00	1	TT3	C2		15B	AUC CODE 01 BIT T	
15453		XA510	65							168	9			PB01CA	02	PT0590	01	3	TT3	F2		34B		
										****		SIGNAL		PB02CA										IS ON THE NEXT PAGE ****

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RECORD NUMBER	FROM				TO				WIRE				MULTI GROUP	CODE	COLOR	IDENT	PC UNIT	SIGNAL	SEQ NO	EQUATION	TERM	FACTOR	CKT OR CHIP TYPE	ORP	LOAD OR POWER PLANE	TEST POINTS AND/OR	SIGNAL DESCRIPTION	ECO NO
	PREFIX	CONNECTOR	PIN	WIRE NO	PREFIX	CONNECTOR	PIN	WIRE NO																				
15454		XA504	76			XA506	78				168	9						PB02CA	01		00	1	TS8	F1		37A	AUC CODE 02 BIT T	
15455		XA506	78								168	9						PB02CA	02	PT0690	01	4	TD4	F1		38A		
15456		XA502	23			XA510	41				168	9						PB03CA	01	PB03CA	00	1	TS8	B1		11B	AUC CODE 03 BIT T	
15457		XA510	41								168	9						PB03CA	02	PT0790	01	3	TT3	D2		22B		
15458		XA508	61			XA503	51				168	9						PC02CA	01	PTLCNO	01	8	TS8	E1		32B		
15459		XA503	51								168	9						PC02CA	02	PC02CA	00	1	TQ2	D4		27B	PL02 GT PT02	
15460		XA504	41			XA502	52				168	9						PC02E0	01	PC03CA	01	3	TT3	D2		22B		
15461		XA502	52			XA501	75				168	9						PC02E0	02	PC07CA	01	3	TS8	D1		24A		
15462		XA501	75			XA502	73				168	9						PC02E0	03	PC02E0	00	1	TQ2	F1		37B	PL02=PT02	
15463		XA502	73			XA508	71				168	9						PC02E0	04	PC05CA	01	4	TS8	F1		36B		
15464		XA506	71			XA502	70				168	9						PC02E0	05	PC04CA	01	2	TD4	F2		36A		
15465		XA502	70								168	9						PC02E0	06	PC06CA	01	1	TS8	E1		33A		
15466		XA503	75			XA501	79				168	9						PC02FA	01	PC02FA	00	1	TQ2	F1		37B		
15467		XA501	79								168	9						PC02FA	02	PC02E0	01	1	TQ2	F1		39B		
15468		XA503	66			XA501	77				168	9						PC02GA	01	PC02GA	00	1	TQ2	E1		31A		
15469		XA501	77								168	9						PC02GA	02	PC02E0	01	2	TQ2	F1		38B		
15470		XA508	60			XA504	43				168	9						PC03CA	01	PTLCNO	01	6	TS8	E1		28A		
15471		XA504	43								168	9						PC03CA	02	PC03CA	00	1	TT3	D2		23B	PL03 GT PT03 AND	
15472		XA502	68			XA506	73				168	9						PC03E0	01	PC06CA	01	2	TS8	E1		32A		
15473		XA506	73			XA502	71				168	9						PC03E0	02	PC04CA	01	1	TD4	F2		36B		
15474		XA502	71			XA501	72				168	9						PC03E0	03	PC05CA	01	5	TS8	F1		36A		
15475		XA501	72			XA502	43				168	9						PC03E0	04	PC03E0	00	1	TQ2	F2		34A	PL03=PT03	
15476		XA502	43								168	9						PC03E0	05	PC07CA	01	7	TS8	D1		23B		
15477		XA503	72			XA501	73				168	9						PC03FA	01	PC03FA	00	1	TQ2	F2		34A		
15478		XA501	73								168	9						PC03FA	02	PC03E0	01	1	TQ2	F2		36B		
15479		XA503	60			XA501	71				168	9						PC03GA	01	PC03GA	00	1	TQ2	E2		28A		
15480		XA501	71								168	9						PC03GA	02	PC03E0	01	2	TQ2	F2		36A		
15481		XA508	68			XA506	69				168	9						PC04CA	01	PTLCNO	01	2	TS8	E1		32A		
15482		XA506	69								168	9						PC04CA	02	PC04CA	00	1	TD4	F2		35A	BITS 2,3 EQUAL; P	
15483		XA502	66			XA502	75				168	9						PC04E0	01	PC06CA	01	3	YS8	E1		31A		
15484		XA502	75			XA501	69				168	9						PC04E0	02	PC05CA	01	3	TS8	F1		37B		
15485		XA501	69			XA502	50				168	9						PC04E0	03	PC04E0	00	1	TQ2	F3		35A	PL04=PT04	
15486		XA502	50								168	9						PC04E0	04	PC07CA	01	4	TS8	D1		23A		
15487		XA503	69			XA501	74				168	9						PC04FA	01	PC04FA	00	1	TQ2	F3		35A		
15488		XA501	74								168	9						PC04FA	02	PC04E0	01	2	TQ2	F3		35B		
15489		XA503	57			XA501	65				168	9						PC04GA	01	PC04GA	00	1	TQ2	E3		36B		
15490		XA501	65								168	9						PC04GA	02	PC04E0	01	1	TQ2	F3		34B		

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RECORD NUMBER	FROM				TO				WIRE				SIGNAL	SEQ NO	EQUATION	TYPE	FACTOR	CAT 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												
15491		XA508	70		XA502	76			168	9			PC05CA	01	PTLCNO	01	1	TS8	E1		33A			
15492		XA502	76						168	9			PC05CA	02	PC05CA	00	1	TS8	F1		37A	BITS 2,3,4 EQUAL;		
15493		XA502	61		XA502	54			168	9			PC05HA	01	PC06CA	01	8	TS8	E1		32B			
15494		XA502	54		XA501	66			168	9			PC05HA	02	PC07CA	01	2	TS8	D1		25A			
15495		XA501	66						168	9			PC05HA	03	PC05HA	00	1	TQ2	E1		31A	PL05.PT05*		
15496		XA502	60		XA502	56			168	9			PC05JA	01	PC06CA	01	6	TS8	E1		28A			
15497		XA502	56		XA501	60			168	9			PC05JA	02	PC07CA	01	1	TS8	D1		26A			
15498		XA501	60						168	9			PC05JA	03	PC05JA	00	1	TQ2	E2		28A	PL05*.PT05		
15499		XA508	66		XA502	59			168	9			PC06CA	01	PTLCNO	01	3	TS8	E1		31A			
15500		XA502	59						168	9			PC06CA	02	PC06CA	00	1	TS8	E1		31B	BITS 2,3,4,5 =; P		
15501		XA502	49		XA501	80			168	9			PC06E0	01	PC07CA	01	8	TS8	D1		26B			
15502		XA501	80						168	9			PC06E0	02	PC06E0	00	1	TQ2	F4		39A	PL06=PT06		
15503		XA503	80		XA501	78			168	9			PC06FA	01	PC06FA	00	1	TQ2	F4		39A			
15504		XA501	78						168	9			PC06FA	02	PC06E0	01	2	TQ2	F4		38A			
15505		XA503	63		XA501	76			168	9			PC06GA	01	PC06GA	00	1	TQ2	E4		33B			
15506		XA501	76						168	9			PC06GA	02	PC06E0	01	1	TQ2	F4		37A			
15507		XA508	55		XA502	47			168	9			PC07CA	01	PTLCNO	01	7	TS8	E1		29B			
15508		XA502	47						168	9			PC07CA	02	PC07CA	00	1	TS8	D1		29B	BITS 2,3,4,5,6 =;		
15509		XA505	41		XA505	20			168	9			PLCNLA	01	PL0090	01	1	TQ2	D3		22B			
15511		XA505	20		XA505	19			168	9			PLCNLA	03	PL0690	01	1	TQ2	B2		11A			
15512		XA505	19		XA504	64			168	9			PLCNLA	04	PL0790	01	2	TQ2	B3		09B			
15513		XA504	64		XA401	77			168	9			PLCNLA	05	PLCNLA	00	1	TT3	E1		30A	LOA 10000001111 B		
10672		XA401	77						168	9			PLCNLA	06	PL0890	01	2	TT3	F1		38B			
15516		XA518	42		XA518	30			168	9			PLCPOA	03	PL008N	01	1	TOD	EN		20A			
15517		XA518	30		XA515	04			168	9			PLCPOA	04	PL018N	01	1	TOD	FN		15A			
15518		XA515	04						168	9			PLCPOA	05	PLCPOA	00	1	TY3	A1		04A	LOA CNSY-PL, DTR		
18794		XA501	45		XA517	72			168	9			PLCP1A	01	PLCP1A	00	1	TQ2	D3		24B			
15515		XA517	72		XA517	79			168	9			PLCP1A	02	PL098N	01	1	TOD	MN		34A			
15514		XA517	79						168	9			PLCP1A	03	PL088N	01	1	TOD	LN		39B			
15519		XA518	70		XA518	79			168	9			PLCP2A	01	PL048N	01	1	TOD	JN		33A			
15520		XA518	79		XA518	72			168	9			PLCP2A	02	PL068N	01	1	TOD	LN		39B			
15521		XA518	72		XA518	60			168	9			PLCP2A	03	PL078N	01	1	TOD	MN		34A			
15522		XA518	60		XA518	56			168	9			PLCP2A	04	PL058N	01	1	TOD	KN		28A			
15523		XA518	56		XA518	46			168	9			PLCP2A	05	PL028N	01	1	TOD	GN		26A			
15524		XA518	46		XA515	07			168	9			PLCP2A	06	PL038N	01	1	TOD	HN		21A			
15525		XA515	07						168	9			PLCP2A	07	PLCP2A	00	1	TY3	A2		03A	LOA CNST-PL, DTR		
												****	SIGNAL	(PLCP3A)	IS ON THE NEXT PAGE ****									

DRAWING NUMBER 149011-800
 UNIT ASSEMBLY NAME CARD CAGE ASSY,CPU R.H.

STRING

UNIT ASSEMBLY NO. 149011
 FILE IDENT T3982CP2

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RECORD NUMBER	FROM				TO				WIRE				SIGNAL	SEQ NO	EQUATION	3	8	CKT OR CHIP TYPE	GROUP	LOAD OR POWER PLANE	TEST POINTS AND/OR	SIGNAL DESCRIPTION	ECO NO		
	PREFIX	CONNECTOR	PIN	WIRE NO	PREFIX	CONNECTOR	PIN	WIRE NO	MULTI GROUP	CODE	COLOR	IDENT													
18795 18617		XA501 XA527	46 77			XA527 77				168 168	9 9			PLCP3A PLCP3A	01 02	PLCP3A PLCP40	00 01	1 2	TQ2 TQ2	D2 F1	21A 36B				
18692 20931		XA501 XA527	41 75			XA527 75				168 168	9 9			PLCP40 PLCP40	01 02	PLCP1A PLCP40	01 00	1 1	TQ2 TQ2	D3 F1	22B 37B	SET CN13 QUAL BY			
15526 15527		XA505 XA504	53 55			XA504 55				168 168	9 9			PLDBTA PLDBTA	01 02	PLDBT0 PLDBTA	01 00	1 1	TQ2 TT3	E3 E2	28B 29B	BLO PL0207082631			
15530 15531 15532		XA505 XA330 XA330	57 24 20			XA330 XA331 XA331	24 20 08			168 168 168	9 9 9			PLDBT0 PLDBT0 PLDBT0	01 02 03	PLDBT0 DP27LD DP26LD	00 01 01	1 2 1	TQ2 TLD TLD	E3 B1 B2	30B 13A 11A	BLO PL0207082631			
15533 15534 15535 15536		XA331 XA331 XA331 XA331	08 13 05 03			XA331 XA331 XA331 XA331	13 05 03 03			168 168 168 168	9 9 9 9			PLDBT0 PLDBT0 PLDBT0 PLDBT0	04 05 06 07	DP31LD DP28LD DP30LD DP29LD	01 01 01 01	2 2 2 1	TLD TLD TLD TLD	A1 A4 A2 A3	08A 06B 03B 02A				
15537 15538 15539		XA508 XA545 XA545	47 07 29			XA545 XA545	07 29			168 168 168	9 9 9			PLE1QA PLE1QA PLE1QA	01 02 03	PLE1QA C504CA C508DA	00 01 01	1 2 1	TS8 TQ2 TQ2	D1 A3 C3	25B 03A 14B	PLE1.(L7)			
15542 15543 18688 15544 18495		XA507 XA508 XA415 XA337 XA133	40 35 49 40 05			XA508 XA415 XA337 XA133	35 49 40 05			168 168 168 168 168	9 9 9 9 9			PLE2CA PLE2CA PLE2CA PLE2CA PLE2CA	01 02 025 03 04	PLE2C0 PLE2CA CYRL1A CTEP2A CRO1SA	01 00 01 01 01	2 1 2 2 2	TQ2 TS8 TQ2 TQ4 TQ4	C1 C1 D4 C1 A2	19A 17B 26B 19A 03B	PRG LEVEL IS 02 C05 C05 B02 B02			
15550 15551 15552		XA507 XA132 XA132	38 69 13			XA132 XA132	69 13			188 168 168	9 9 9			PLE2C0 PLE2C0 PLE2C0	01 02 03	PLE2C0 CR11CA CRO1RA	00 01 01	1 1 3	TQ2 TT3 TT3	C1 F3 A3	18A 35A 06B				
15553 15554 15555		XA505 XA502 XA312	54 35 31			XA502 XA312	35 31			168 168 168	9 9 9			PLE3CA PLE3CA PLE3CA	01 02 03	PLE3C0 PLE3CA C343JA	01 00 01	2 1 4	TQ2 TS8 TQ4	D1 C1 C2	25A 17B 15B	ACTV PRG LEVEL 1			
15560 15561 15562		XA541 XA406 XA505	18 78 52			XA406 XA505	78 52			168 168 168	9 9 9			PLE3C0 PLE3C0 PLE3C0	01 02 03	C520GA C622EA PLE3C0	01 01 00	2 2 1	TQ2 TQ2 TQ2	B2 F4 D1	10A 38A 24A				
22065 15564 15565 15566 15567 18651		XA550 XA507 XA515 XA514 XA514 XA512 XA504	01 06 41 41 56 62 08			XA507 XA515 XA514 XA512 XA504	06 41 56 62 08			168 168 168 168 168 168	9 9 9 9 9 9			PLPRVA PLPRVA PLPRVA PLPRVA PLPRVA PLPRVA	01 02 03 04 05 06									PROGRAM LEVEL PRI	
20949 15571 15573 15574		XA504 XA314 XA110 XA111	04 13 19 11			XA314 XA110 XA111 XA103	13 19 11 05			168 168 168 168	9 9 9 9			PLPR20 PLPR20 PLPR20 PLPR20	00 01 03 04	PLPR20 CRUSQA EDC3CA EEDTCA	00 01 01 01	1 2 7 1	TY3 TQ2 TS8 TQ2	A1 A4 B1 A4	04A 06B 09B 05B	DYR PB0003PT0407,			
														**** SIGNAL (PLPR20)		IS ON THE								NEXT PAGE ****	

DRAWING NUMBER 149011-800
 UNIT ASSEMBLY NAME CARD CAGE ASSY,CPU R.H.

STRING

UNIT ASSEMBLY NO 149011
 FILE IDENT T39B2CP2

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RECORD NUMBER	FROM				TO				WIRE				SIGNAL	SEQ NO	EQU TION	T YPE	F ACTOR	C RT OR C HP TYPE	G ROP	L OAD CP POWER PLANE	T EST POINTS AND/OR	SIGNAL DESCRIPTION	E CO NO		
	PREFIX	CONNECTOR	PIN	C S	PREFIX	CONNECTOR	PIN	C S	MULTI GROUP	C ODE	C OLO R	I DENT												SPEC INST MISC	
15575		XA103	05							168	9			PLPR20	05	EDC2CA	01	5	TS8	A1		03B			
15576		XA505	59		XA504	63				168	9			PLPTDA	01	PLPTD0	01	1	TQ2	E4		31B			
15577		XA504	63							168	9			PLPTDA	02	PLPTDA	00	1	TT3	E3		33B	DTR	PT0009PL0009	
15578		XA507	17		XA507	18				168	9			PLPTD0	01	PL071A	01	1	TQ2	B3		08B			
15579		XA507	18		XA507	23				168	9			PLPTD0	02	PL061A	01	2	TQ2	B2		10A			
15580		XA507	23		XA507	24				168	9			PLPTD0	03	PL081A	01	1	TQ2	B4		11B			
15581		XA507	24		XA507	29				168	9			PLPTD0	04	PL051A	01	2	TQ2	B1		13A			
15582		XA507	29		XA507	34				168	9			PLPTD0	05	PL031A	01	1	TQ2	C3		14B			
15583		XA507	34		XA507	37				168	9			PLPTD0	06	PL021A	01	2	TQ2	C2		16A			
15584		XA507	37		XA507	41				168	9			PLPTD0	07	PL041A	01	2	TQ2	C4		18B			
15585		XA507	41		XA507	50				168	9			PLPTD0	08	PL011A	01	1	TQ2	D3		22B			
15586		XA507	50		XA504	49				168	9			PLPTD0	09	PL001A	01	1	TQ2	D2		23A			
15587		XA504	49		XA505	63				168	9			PLPTD0	10	PL091A	01	3	TT3	D3		26B			
15588		XA505	63							168	9			PLPTD0	11	PLPTD0	00	1	TQ2	E4		33B	XFER	TENT LEV TO	
15589		XA515	46		XA507	01				168	9			PLSPRA	01	PQ02SA	01	2	TT3	D2		21A			
15590		XA507	01							168	9			PLSPRA	02	PLSPRA	00	1	TQ2	A2		02B	PROG	LEVEL SEMI-P	
15593		XA518	35		XA507	04				168	9			PLO0BP	01	PLO0BP	00	1	TQ2	EP		17B			
15594		XA507	04							168	9			PLO0BP	02	PLSPRA	01	1	TQ2	A2		04A			
15596		XA332	78		XA518	37				168	9			PLO0BQ	02	DP00LD	01	2	TLD	F4		38A			
15597		XA518	37		XA507	10				168	9			PLO0BQ	03	PLO0BQ	00	1	TQ2	EQ		18B	PL	REG MASTER RES	
15598		XA507	10							168	9			PLO0BQ	04	PLPRVA	01	1	TQ2	A1		07A			
15603		XA518	36		XA518	39				168	9			PLO0RA	01	PL01BP	01	1	TQ2	FP		17A			
15604		XA518	39		XA505	46				168	9			PLO0RA	02	PLO0BQ	01	1	TQ2	EQ		19B			
15605		XA505	46							168	9			PLO0RA	03	PLO0RA	00	1	TQ2	D2		21A	INITIALIZE	PRIV	
15606		XA507	52		XA505	50				168	9			PLO0RO	01	PLO0RO	00	1	TQ2	D1		24A	PRIV	OVRIDE/ MAST	
15607		XA505	50							168	9			PLO0RO	02	PLO0RA	01	1	TQ2	D2		23A			
15608		XA507	46		XA505	43				168	9			PLO01A	01	PL001A	00	1	TQ2	D2		21A	PT00	TO PLO0	
15609		XA505	43							168	9			PLO01A	02	PL0090	01	2	TQ2	D3		23B			
15610		XA518	40		XA505	45				168	9			PLO090	01	PLO0BI	01	1	TQ2	E1		19A			
15611		XA505	45							168	9			PLO090	02	PLO090	00	1	TQ2	D3		24B	SET	PLO0 DATA	
15614		XA507	08		XA518	33				168	9			PL01BP	01	PLPRVA	01	2	TQ2	A1		06A			
15615		XA518	33							168	9			PL01BP	02	PL01BP	00	1	TQ2	FP		16B			
15617		XA507	05		XA518	31				168	9			PL01BQ	02	PLSPRA	01	2	TQ2	A2		03B			
15618		XA518	31		XA332	65				168	9			PL01BQ	03	PL01BQ	00	1	TQ2	FQ		15B			
15619		XA332	65							168	9			PL01BQ	04	DP01LD	01	1	TLD	F3		34B			
15622		XA507	45		XA505	47				168	9			PL011A	01	PL011A	00	1	TQ2	D3		24B	PT01	TO PLO1	
15623		XA505	47							168	9			PL011A	02	PL0190	01	1	TQ2	D4		25B			
													****	SIGNAL	PL0190	IS ON THE NEXT PAGE ****									

DRAWING NUMBER 149011-800
 UNIT ASSEMBLY NAME CARD CAGE ASSY, CPU R.H.

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UNIT ASSEMBLY NO. 149011
 FILE IDENT T39B2CP2

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RECORD NUMBER	FROM				TO				WIRE				SIGNAL	SEQ NO	EQUATION	E TEST	E FACT	CKT OR CHIP TYPE	GROUP	LOAD OR POWER PLANE	TEST POINTS AND/OR	SIGNAL DESCRIPTION	ECO NO	
	PREFIX	CONNECTOR	PIN	C 3	PREFIX	CONNECTOR	PIN	C 3	MULTI BRADUP	CODE	COLOR	IDENT												INSULATED
15624		XA518	34		XA505	51			168	9			PL0190	01	PL01B1	01	1	TDD	FI		16A	SET PL01 DATA		
15625		XA505	51						168	9			PL0190	02	PL0190	00	1	TQ2	D4		27B			
15628		XA503	68		XA518	47			168	9			PL028P	01	PC02GA	01	2	TQ2	E1		32A			
15629		XA518	47		XA508	37			168	9			PL028P	02	PL028P	00	1	TDD	GP		25B			
15630		XA508	37		XA508	43			168	9			PL028P	03	PLE2CA	01	8	TS8	C1		18B			
15631		XA508	43		XA507	47			168	9			PL028P	04	PLE1QA	01	7	TS8	D1		23B			
15632		XA507	47		XA502	36			168	9			PL028P	05	PL02Q0	01	1	TQ2	D4		25B			
15633		XA502	36		XA310	40			168	9			PL028P	06	PLE3CA	01	4	TS8	C1		17A			
15634		XA310	40		XA315	34			168	9			PL028P	07	C354DA	01	2	TT3	C1		19A			
15635		XA315	34						168	9			PL028P	08	C353DA	01	1	TT3	C2		16A			
22067		XA550	15		XA330	18			168	9			PL028Q	01				EXT						
15637		XA330	18		XA331	71			168	9			PL028Q	02	DP26LD	01	2	TLD	B2		10A			
15638		XA331	71		XA518	49			168	9			PL028Q	03	DP02LD	01	2	YLD	F2		36A			
15639		XA518	49		XA509	19			168	9			PL028Q	04	PL028Q	00	1	TDD	GQ		26B			
15640		XA509	19		XA503	49			168	9			PL028Q	05	PQ101A	01	2	TQ2	B3		09B			
15641		XA503	49		XA503	79			168	9			PL028Q	06	PC02CA	01	2	TQ2	D4		26B			
15642		XA503	79						168	9			PL028Q	07	PC02FA	01	1	TQ2	F1		39B			
15649		XA507	51		XA310	70			168	9			PL02Q0	01	PL02Q0	00	1	TQ2	D4		27B	UNLOAD PL028Q		
15650		XA310	70		XA310	52			168	9			PL02Q0	02	C356DA	01	1	TT3	E1		33A			
15651		XA310	52						168	9			PL02Q0	03	C355DA	01	3	TT3	D1		24A			
15652		XA507	30		XA505	40			168	9			PL021A	01	PL021A	00	1	TQ2	C2		15A	PT02 TO PL02		
15653		XA505	40						168	9			PL021A	02	PL0290	01	2	TQ2	C1		19A			
15654		XA518	54		XA505	38			168	9			PL0290	01	PL02B1	01	1	TDD	GI		25A	SET PL02 DATA		
15655		XA505	38						168	9			PL0290	02	PL0290	00	1	TQ2	C1		18A			
15658		XA505	36		XA518	45			168	9			PL038P	01	PL03Q0	01	1	TQ2	C2		17A			
15659		XA518	45		XA508	38			168	9			PL038P	02	PL038P	00	1	TDD	HP		24B			
15660		XA508	38		XA508	46			168	9			PL038P	03	PLE2CA	01	3	TS8	C1		18A			
15661		XA508	46		XA502	42			168	9			PL038P	04	PLE1QA	01	6	TS8	D1		21A			
15662		XA502	42		XA503	62			168	9			PL038P	05	PLE3CA	01	1	TS8	C1		20A			
15663		XA503	62		XA310	54			168	9			PL038P	06	PC03GA	01	2	TQ2	E2		29A			
15664		XA310	54		XA315	30			168	9			PL038P	07	C355DA	01	2	TT3	D1		25A			
15665		XA315	30						168	9			PL038P	08	C353DA	01	2	TT3	C2		15A			
22069		XA550	13		XA330	26			168	9			PL038Q	01				EXT						
15667		XA330	26		XA331	79			168	9			PL038Q	02	DP27LD	01	1	TLD	B1		14A			
15668		XA331	79		XA518	43			168	9			PL038Q	03	DP03LD	01	1	TLD	F1		39B			
15669		XA518	43		XA511	19			168	9			PL038Q	04	PL038Q	00	1	TDD	HQ		23B			
15670		XA511	19		XA504	46			168	9			PL038Q	05	PQ111A	01	2	TQ2	B3		09B			
15671		XA504	46		XA503	73			168	9			PL038Q	06	PC03CA	01	2	TT3	D2		21A			
15672		XA503	73						168	9			PL038Q	07	PC03FA	01	1	TQ2	F2		36B			
15679		XA505	30		XA310	66			168	9			PL03Q0	01	PL03Q0	00	1	TQ2	C2		15A	UNLOAD PL038Q		
15680		XA310	66		XA310	38			168	9			PL03Q0	02	C356DA	01	3	TT3	E1		31A			
15681		XA310	38						168	9			PL03Q0	03	C354DA	01	3	TT3	C1		18A			

DRAWING NUMBER		149011-800		STRING		UNIT ASSEMBLY NO.		149011		REV D		INDEX		PL03Q0											
UNIT ASSEMBLY NAME		CARD CAGE ASSY,CPU R.H.		FILE IDENT		T3982CP2		DATE		09-03-82		PAGE		315											
RECORD NUMBER	FROM				TO				WIRE				SIGNAL	SEQ NO	EQUATION	TERM	FACTOR	CMT OR CHIP TYPE	GROUP	LOAD OR POWER PLANE	TEST POINTS		SIGNAL DESCRIPTION	ECO NO	
	PREFIX	CONNECTOR	PIN	WIRE NO	PREFIX	CONNECTOR	PIN	WIRE NO	MULTI GROUP	CODE	COLOR	IDENT									SPEC UNIT WIRE	AND			OR
15682		XA507	33		XA505	29			168	9				PL031A	01	PL031A	00	1	TQ2	C3		168		PT03 TO PL03	
15683		XA505	29						168	9				PL031A	02	PL0390	01	1	TQ2	C3		148			
15684		XA518	48		XA505	33			168	9				PL0390	01	PL0381	01	1	TDD	HI		22A			
15685		XA505	33						168	9				PL0390	02	PL0390	00	1	TQ2	C3		148			
15688		XA518	59		XA508	42			168	9				PL048P	01	PL048P	00	1	TDD	JP		318			
15689		XA508	42		XA508	48			168	9				PL048P	02	PLE2CA	01	1	TS8	C1		20A			
15690		XA508	48		XA502	37			168	9				PL048P	03	PLE1QA	01	5	TS8	D1		22A			
15691		XA502	37		XA503	53			168	9				PL048P	04	PLE3CA	01	8	TS8	C1		188			
15692		XA503	53						168	9				PL048P	05	PC04GA	01	1	TQ2	E3		288			
22071		XA550	11		XA331	11			168	9				PL048Q	01				EXT						
15694		XA331	11		XA331	59			168	9				PL048Q	02	DP28LD	01	1	TLD	A4		098			
15695		XA331	59		XA518	61			168	9				PL048Q	03	DP04LD	01	1	TLD	E4		318			
15696		XA518	61		XA509	36			168	9				PL048Q	04	PL048Q	00	1	TDD	JQ		328			
15697		XA509	36		XA506	74			168	9				PL048Q	05	PQ121A	01	1	TQ2	C2		17A			
15698		XA506	74		XA503	74			168	9				PL048Q	06	PC04CA	01	4	TD4	F2		358			
15699		XA503	74						168	9				PL048Q	07	PC04FA	01	2	TQ2	F3		358			
15702		XA507	39		XA505	35			168	9				PL041A	01	PL041A	00	1	TQ2	C4		198		PT04 TO PL04	
15703		XA505	35						168	9				PL041A	02	PL0490	01	1	TQ2	C4		178			
15704		XA518	68		XA505	39			168	9				PL0490	01	PL0481	01	1	TDD	J1		32A			
15705		XA505	39						168	9				PL0490	02	PL0490	00	1	TQ2	C4		198			
15708		XA518	57		XA508	40			168	9				PL058P	01	PL058P	00	1	TDD	KP		308			
15709		XA508	40		XA508	49			168	9				PL058P	02	PLE2CA	01	2	TS8	C1		19A			
15710		XA508	49		XA502	31			168	9				PL058P	03	PLE1QA	01	8	TS8	D1		268			
15711		XA502	31		XA501	64			168	9				PL058P	04	PLE3CA	01	7	TS8	C1		158			
15712		XA501	64						168	9				PL058P	05	PC05JA	01	1	TQ2	E2		30A			
22073		XA550	09		XA331	07			168	9				PL058Q	01				EXT						
15714		XA331	07		XA331	53			168	9				PL058Q	02	DP29LD	01	2	TLD	A3		03A			
15715		XA331	53		XA518	55			168	9				PL058Q	03	DP05LD	01	1	TLD	E3		288			
15716		XA518	55		XA511	34			168	9				PL058Q	04	PL058Q	00	1	TDD	KQ		298			
15717		XA511	34		XA502	74			168	9				PL058Q	05	PQ131A	01	2	TQ2	C2		16A			
15718		XA502	74		XA501	70			168	9				PL058Q	06	PC05CA	01	7	TS8	F1		358			
15719		XA501	70						168	9				PL058Q	07	PC05HA	01	1	TQ2	E1		33A			
15722		XA507	22		XA505	24			168	9				PL051A	01	PL051A	00	1	TQ2	B1		12A		PT05 TO PL05	
15723		XA505	24						168	9				PL051A	02	PL0590	01	2	TQ2	B1		13A			
15724		XA518	62		XA505	22			168	9				PL0590	01	PL0581	01	1	TDD	K1		29A			
15725		XA505	22						168	9				PL0590	02	PL0590	00	1	TQ2	B1		12A		SET PL05 DATA	
15728		XA518	76		XA503	59			168	9				PL068P	01	PL068P	00	1	TDD	LP		37A			
15729		XA503	59		XA507	07			168	9				PL068P	02	PC06GA	01	1	TQ2	E4		318			
									****	SIGNAL	(PL068P)														IS ON THE NEXT PAGE ****

DRAWING NUMBER 149011-800
 UNIT ASSEMBLY NAME CARD CAGE ASSY, CPU R.H.

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 FILE IDENT T39B2CP2

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RECORD NUMBER	FROM				TO				WIRE				SFC INST. MISC	SIGNAL	SEQ NO	EQUATION	TERM	FACTOR	CMT OR CHIP TYPE	GROUP	LOAD OR POWER PLANE	TEST POINTS AND OR	SIGNAL DESCRIPTION	ECO NO	
	PREFIX	CONNECTOR	PIN	WIRE NO	PREFIX	CONNECTOR	PIN	WIRE NO	MULTI GROUP	CODE	COLOR	IDENT													
15730		XA507	07										168 9	PL068P	03	PL06Q0	01	2	TQ2	A3		03A			
15731		XA508	50		XA508	50							168 9	PL068P	04	PLE1QA	01	4	TS8	D1		23A			
22075		XA550	07		XA331	04							168 9	PL068Q	01				EXT						
15733		XA331	04		XA330	64							168 9	PL068Q	02	DP30LD	01	1	TLD	A2		04A			
15734		XA330	64		XA502	55							168 9	PL068Q	03	DP06LD	01	1	TLD	E2		30A			
15735		XA502	55		XA518	78							168 9	PL068Q	04	PC06CA	01	7	YS8	E1		29B			
15736		XA518	78		XA511	37							168 9	PL068Q	05	PL068Q	00	1	TDD	LQ		38A			
15737		XA511	37		XA503	76							168 9	PL068Q	06	PQ14IA	01	2	TQ2	C4		18B			
15738		XA503	76										168 9	PL068Q	07	PC06FA	01	1	TQ2	F4		37A			
15741		XA507	09		XA508	31							168 9	PL06Q0	01	PL06Q0	00	1	TQ2	A3		04B	PL068Q- UNLOAD		
15742		XA508	31		XA502	38							168 9	PL06Q0	02	PLE2CA	01	7	YS8	C1		15B			
15743		XA502	38										168 9	PL06Q0	03	PLE3CA	01	3	TS8	C1		18A			
15744		XA507	14		XA505	18							168 9	PL061A	01	PL061A	00	1	TQ2	B2		09A	PT06 TO PL06		
15745		XA505	18										168 9	PL061A	02	PL0690	01	2	TQ2	B2		10A			
15746		XA518	77		XA505	14							168 9	PL0690	01	PL0681	01	1	TDD	L1		38B			
15747		XA505	14										168 9	PL0690	02	PL0690	00	1	TQ2	B2		09A	SET PL06 DATA		
15750		XA518	69		XA508	36							168 9	PL078P	01	PL078P	00	1	TDD	MP		35A			
15751		XA508	36										168 9	PL078P	02	PLE2CA	01	4	TS8	C1		17A			
22077		XA550	05		XA331	10							168 9	PL078Q	01				EXT						
15753		XA331	10		XA330	68							168 9	PL078Q	02	DP31LD	01	1	TLD	A1		07A			
15754		XA330	68		XA518	74							168 9	PL078Q	03	DP07LD	01	2	TLD	E1		32A			
15755		XA518	74		XA511	50							168 9	PL078Q	04	PL078Q	00	1	TDD	NQ		35B			
15756		XA511	50		XA508	56							168 9	PL078Q	05	PQ15IA	01	1	TQ2	D2		23A			
15757		XA508	56		XA502	46							168 9	PL078Q	06	PLE1QA	01	1	TS8	D1		26A			
15758		XA502	46		XA502	40							168 9	PL078Q	07	PC07CA	01	6	YS8	D1		21A			
15759		XA502	40										168 9	PL078Q	08	PLE3CA	01	2	TS8	C1		19A			
15762		XA507	21		XA505	17							168 9	PL071A	01	PL071A	00	1	TQ2	B3		10B	PT07 TO PL07		
15763		XA505	17										168 9	PL071A	02	PL0790	01	1	TQ2	B3		08B			
15764		XA518	71		XA505	21							168 9	PL0790	01	PL0781	01	1	TDD	N1		36A			
15765		XA505	21										168 9	PL0790	02	PL0790	00	1	TQ2	B3		10B	SET PL07 DATA		
15768		XA517	76		XA308	10							168 9	PL088P	01	PL088P	00	1	TDD	LP		37A			
15769		XA308	10										168 9	PL088P	02	C347JA	01	1	TQ2	A1		07A			
15770		XA517	78		XA330	78							168 9	PL088Q	01	PL088Q	00	1	TDD	LQ		38A			
15771		XA330	78										168 9	PL088Q	02	DP08LD	01	2	TLD	F4		38A			
15774		XA507	27		XA401	75							168 9	PL081A	01	PL081A	00	1	TQ2	B4		13B	PT08 TO PL08		
01808		XA401	75										168 9	PL081A	02	PL0890	01	3	TY3	F1		37B			
15297		XA401	75		XA501	51							168 9	PL088A	01	PL0890	01	1	TY3	F1		39B			
18796		XA501	51										168 9	PL088A	02	PL088A	00	1	TQ2	D4		27B			

DRAWING NUMBER 149011-800
UNIT ASSEMBLY NAME CARD CAGE ASSY, CPU R.H.

STRING

UNIT ASSEMBLY NO 149011
FILE IDENT T39B2CP2

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RECORD NUMBER	FROM			TO			WIRE			SIGNAL	SEQ NO	EQUATION	T	F	C	D	LOAD CP PLANE	TEST POINTS ANCTOR	SIGNAL DESCRIPTION	ECO NO
	PREFIX	CONNECTOR	PIN	PREFIX	CONNECTOR	PIN	CODE	COLOR	IDENT											
15776 10670		XA517 XA401	77 73		XA401	73	16B 16B	9 9		PL0890 PL0890	01 02	PL0881 PL0890	01 00	1 1	TDD TT3	LI F1		38B 36B	E3.(INSTR,QUAL).M	
22079		XA550	03		XA330	65	16B	9		PL098Q	01								EXT	
15781		XA330	65		XA517	74	16B	9		PL098Q	02	DP09LD	01	1	TLD	F3		34B		
15782		XA517	74				16B	9		PL098Q	03	PL098Q	00	1	TDD	MQ		35B		
15785		XA507	11		XA504	51	16B	9		PL091A	01	PL0990	01	1	TQ2	A4		05B		
15786		XA504	51				16B	9		PL091A	02	PL091A	00	1	TT3	D3		27B	PT09 TO PL09	
15777		XA505	27		XA507	13	16B	9		PL099A	02	PL099A	03	1	TQ2	B4		13B	SET PL08 DATA	
18264		XA507	13				16B	9		PL099A	03	PL0990	01	2	TQ2	A4		06B		
15787		XA517	71		XA507	15	16B	9		PL0990	01	PL0981	01	1	TDD	MI		36A		
15788		XA507	15				16B	9		PL0990	02	PL0990	00	1	TQ2	A4		07B	SET PL09 DATA	
15789		XA516	21		XA513	26	16B	9		PMASPA	01	PMASPA	00	1	TQ2	B3		10B	MASP- APCL	
15790		XA513	26		XA512	30	16B	9		PMASPA	02	PQ035A	01	1	TD4	B1		14A		
15791		XA512	30		XA512	49	16B	9		PMASPA	03	PQ031A	01	6	TS8	C1		15A		
15792		XA512	49				16B	9		PMASPA	04	PQ032A	01	8	TS8	D1		26B		
15793		XA523	72		XA519	42	16B	9		PQCP0A	01	PQ00BN	01	1	TDD	MN		34A		
15794		XA519	42		XA519	26	16B	9		PQCP0A	02	PQ05BN	01	1	TDD	EN		20A		
15795		XA519	26		XA519	14	16B	9		PQCP0A	03	PQ03BN	01	1	TDD	CN		14A		
15796		XA519	14		XA519	10	16B	9		PQCP0A	04	PQ04BN	01	1	TDD	DN		09A		
15797		XA519	10		XA519	01	16B	9		PQCP0A	05	PQ01BN	01	1	TDD	AN		07A		
15798		XA519	01		XA516	06	16B	9		PQCP0A	06	PQ02BN	01	1	TDD	BN		02B		
15799		XA516	06				16B	9		PQCP0A	07	PQCP0A	00	1	TQ2	A1		05A	PQ00-05 CLOCK APD	
15800		XA519	70		XA519	56	16B	9		PQCP6A	01	PQ09BN	01	1	TDD	JN		33A		
15801		XA519	56		XA519	46	16B	9		PQCP6A	02	PQ07BN	01	1	TDD	GN		26A		
15802		XA519	46		XA519	30	16B	9		PQCP6A	03	PQ08BN	01	1	TDD	HN		21A		
15803		XA519	30		XA515	15	16B	9		PQCP6A	04	PQ06BN	01	1	TDD	FN		15A		
15804		XA515	15				16B	9		PQCP6A	05	PQCP6A	00	1	TT3	A3		07B	PQ06-09 GATED CLO	
15805		XA519	79		XA519	72	16B	9		PQCP7A	01	PQ11BN	01	1	TDD	LN		39B		
15806		XA519	72		XA519	60	16B	9		PQCP7A	02	PQ12BN	01	1	TDD	MN		34A		
15807		XA519	60		XA518	26	16B	9		PQCP7A	03	PQ10BN	01	1	TDD	KN		28A		
15808		XA518	26		XA518	10	16B	9		PQCP7A	04	PQ15BN	01	1	TDD	CN		14A		
15809		XA518	10		XA518	01	16B	9		PQCP7A	05	PQ13BN	01	1	TDD	AN		07A		
15810		XA518	01		XA516	01	16B	9		PQCP7A	06	PQ14BN	01	1	TDD	BN		02B		
15811		XA516	01				16B	9		PQCP7A	07	PQCP7A	00	1	TQ2	A2		02B	PQ10-15 GATED CLO	
15812		XA518	14		XA516	09	16B	9		PQCP8A	01	PQ16BN	01	1	TDD	DN		09A		
15813		XA516	09				16B	9		PQCP8A	02	PQCP8A	00	1	TQ2	A3		04B	PQ16 GATED CLOCK	
18134		XA516	08		XA515	13	16B	9		PQCOSA	00	PQCP0A	01	2	TQ2	A1		06A		
15814		XA515	13		XA514	06	16B	9		PQCOSA	01	PQCP6A	01	3	TT3	A3		06B		
							****		SIGNAL	PQCOSA		IS ON THE						****		

DRAWING NUMBER 149011-800
 UNIT ASSEMBLY NAME CARD CAGE ASSY, CPU R.H.

STRING

UNIT ASSEMBLY NO. 149011
 FILE IDENT T39B2CP2

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RECORD NUMBER	FROM			TO			WIRE			MULTI GROUP	CODE	COLOR	IDENT	SIGNAL	SFQ NO	EQUATION	3 TERM	2 WIRE	CKT OR CNIP TYPE	WMP	LOAD OR POWER PLANE	TEST POINTS AND OR	SIGNAL DESCRIPTION	ECO NO
	PREFIX	CONNECTOR	PIN	PREFIX	CONNECTOR	PIN																		
15815		XA514	06					168	9				PQ05A	02	PQ05A	00	1	TQ2	A1		05A	INHIBIT CLK FOR P		
15816		XA514	08		XA512	11		168	9				PQ0Z0	01	PQ05A	01	2	TQ2	A1		06A	QUERY REG BITS 00		
15817		XA512	11					168	9				PQ0Z0	02	PQ0Z0	00	1	TS8	A1		05B			
15818		XA515	20		XA514	13		168	9				PQ08CA	01	PQ08CA	00	1	TT3	B1		11A	BLO PQ001508J015		
15819		XA514	13		XA514	05		168	9				PQ08CA	02	PQ08CA	01	2	TQ2	A4		08B			
15820		XA514	05		XA514	07		168	9				PQ08CA	03	PQ08CA	01	2	TQ2	A2		03B			
15821		XA514	07					168	9				PQ08CA	04	PQ08CA	01	2	TQ2	A3		03A			
15824		XA514	01		XA332	77		168	9				PQ08CO	01	PQ08CO	00	1	TQ2	A2		02B	BLO PQ001508J015		
15825		XA332	77		XA333	76		168	9				PQ08CO	02	DP03QD	01	2	TLD	F1		38B			
15826		XA333	76		XA332	71		168	9				PQ08CO	03	DP00QD	01	1	TLD	F4		37A			
15827		XA332	71		XA333	65		168	9				PQ08CO	04	DP02QD	01	2	TLD	F2		36A			
15828		XA333	65		XA332	59		168	9				PQ08CO	05	DP01QD	01	1	TLD	F3		34B			
15829		XA332	59		XA332	55		168	9				PQ08CO	06	DP04QD	01	1	TLD	E4		31B			
15830		XA332	55					168	9				PQ08CO	07	DP05QD	01	2	TLD	E3		29B			
15833		XA514	09		XA331	76		168	9				PQ08DO	01	PQ08DO	00	1	TQ2	A3		04B	BLO PQ001508J015		
15834		XA331	76		XA331	74		168	9				PQ08DO	02	DP08QD	01	1	TLD	F4		37A			
15835		XA331	74		XA331	68		168	9				PQ08DO	03	DP09QD	01	2	TLD	F3		35B			
15836		XA331	68		XA331	64		168	9				PQ08DO	04	DP07QD	01	2	TLD	E1		32A			
15837		XA331	64					168	9				PQ08DO	05	DP06QD	01	1	TLD	E2		30A			
15840		XA514	15		XA330	77		168	9				PQ08EO	01	PQ08EO	00	1	TQ2	A4		07B	BLO PQ001508J015		
15841		XA330	77		XA330	73		168	9				PQ08EO	02	DP11QD	01	2	TLD	F1		38B			
15842		XA330	73		XA329	68		168	9				PQ08EO	03	DP10QD	01	1	TLD	F2		36B			
15843		XA329	68		XA330	61		168	9				PQ08EO	04	DP15QD	01	2	TLD	E1		32A			
15844		XA330	61		XA329	62		168	9				PQ08EO	05	DP12QD	01	2	TLD	E4		32B			
15845		XA329	62		XA329	55		168	9				PQ08EO	06	DP14QD	01	2	TLD	E2		29A			
15846		XA330	55					168	9				PQ08EO	07	DP13QD	01	2	TLD	E3		29B			
15847		XA514	15		XA514	18		168	9				PQ08LA	01	PQ08MO	01	2	TQ2	B3		09B			
15848		XA514	18		XA515	19		168	9				PQ08LA	02	PQ08MO	01	2	TQ2	B2		10A			
15849		XA515	19		XA514	24		168	9				PQ08LA	03	PQ08LA	00	1	TY3	B2		09B	BLO PQ001508I631		
15850		XA514	24					168	9				PQ08LA	04	PQ08LO	01	2	TQ2	B1		13A			
15853		XA514	22		XA328	56		168	9				PQ08LO	01	PQ08LO	00	1	TQ2	B1		12A		BLO PQ001508I631	
15854		XA328	56		XA328	47		168	9				PQ08LO	02	DP19QD	01	1	TLD	D1		26A			
15855		XA328	47		XA328	48		168	9				PQ08LO	03	DP16QD	01	1	TLD	D4		25B			
15856		XA328	48		XA328	41		168	9				PQ08LO	04	DP18QD	01	2	TLD	D2		22A			
15857		XA328	41		XA328	35		168	9				PQ08LO	05	DP17QD	01	1	TLD	D3		22B			
15858		XA328	35		XA328	31		168	9				PQ08LO	06	DP20QD	01	1	TLD	C4		17B			
15859		XA328	31					168	9				PQ08LO	07	DP21QD	01	2	TLD	C3		15B			
15862		XA514	14		XA328	40		168	9				PQ08MO	01	PQ08MO	00	1	TQ2	B2		09A	BLO PQ001508I631		
15863		XA328	40		XA328	36		168	9				PQ08MO	02	DP23QD	01	2	TLD	C1		19A			
15864		XA328	36		XA328	23		168	9				PQ08MO	03	DP22QD	01	1	TLD	C2		17A			
15865		XA328	23		XA328	19		168	9				PQ08MO	04	DP24QD	01	1	TLD	B4		11B			
15866		XA328	19					168	9				PQ08MO	05	DP25QD	01	2	TLD	B3		09B			

DRAWING NUMBER		149011-800		STRING		UNIT ASSEMBLY NO.		149011		REV D		INDEX		PQDBNO	
UNIT ASSEMBLY NAME		CARD CAGE ASSY, CPU R.H.		FILE IDENT		T39B2CP2		DATE		09-03-82		PAGE		319	
RECORD NUMBER	FROM	TO		WIRE		SIGNAL		SEQ NO	EQUATION	WIRE NO	WIRE TYPE	LOAD OR POWER PLANE	TEST POINTS AND/OR	SIGNAL DESCRIPTION	ECO NO
	PREF. #	CONNECTOR	PIN	PREF. #	CONNECTOR	PIN	WIRE NO	WIRE TYPE							
15865		XA514	21		XA331	24	168 9		PQDBNO	01	PQDBNO	00 1	TQ2 B3	10B	BLO PQ00150B1631
15870		XA331	24		XA331	20	168 9		PQDBNO	02	DP27QD	01 2	TLD B1	13A	
15871		XA331	20		XA332	08	168 9		PQDBNO	03	DP26QD	01 1	TLD B2	11A	
15872		XA332	08		XA332	11	168 9		PQDBNO	04	DP31QD	01 2	TLD A1	08A	
15873		XA332	11		XA332	05	168 9		PQDBNO	05	DP28QD	01 1	TLD A4	05B	
15874		XA332	05		XA332	03	168 9		PQDBNO	06	DP30QD	01 2	TLD A2	03B	
15875		XA332	03				168 9		PQDBNO	07	DP29QD	01 1	TLD A3	02A	
15876		XA514	64		XA510	54	168 9		PQDBTA	01	PQ037A	01 1	TQ2 E2	30A	
15877		XA510	54		XA510	49	168 9		PQDBTA	02	PQ013A	01 2	TT3 D1	25A	
15878		XA510	49		XA513	40	168 9		PQDBTA	03	PQ043A	01 3	TT3 D3	26B	
15879		XA513	40		XA514	40	168 9		PQDBTA	04	PQ055A	01 2	TD4 C1	15A	
15880		XA514	40		XA514	36	168 9		PQDBTA	05	PQDBUO	01 2	TQ2 C1	19A	
15881		XA514	36		XA515	27	168 9		PQDBTA	06	PQDBVJ	01 1	TQ2 C2	17A	
15882		XA515	27		XA514	25	168 9		PQDBTA	07	PQDBTA	00 1	TT3 B3	13B	BTR DB0015PQ0015
15883		XA514	25		XA511	24	168 9		PQDBTA	08	PQDBTO	01 2	TQ2 B4	12B	
15884		XA511	24		XA510	26	168 9		PQDBTA	09	PQ10C0	01 2	TQ2 B1	13A	
15885		XA510	26		XA504	56	168 9		PQDBTA	10	PQ004A	01 1	TT3 B1	14A	
15886		XA504	56				168 9		PQDBTA	11	PQ023A	01 1	TT3 D1	26A	
15887		XA516	77		XA516	73	168 9		PQDBTO	01	PQ042A	01 2	TQ2 F1	38B	
15888		XA516	73		XA516	55	168 9		PQDBTO	02	PQ054A	01 1	TQ2 F2	36B	
15889		XA516	55		XA516	56	168 9		PQDBTO	03	PQ036A	01 2	TQ2 E3	29B	
15890		XA516	56		XA516	49	168 9		PQDBTO	04	PQ003A	01 1	TQ2 D1	26A	
15891		XA516	49		XA516	50	168 9		PQDBTO	05	PQ022A	01 2	TQ2 D4	26B	
15892		XA516	50		XA514	27	168 9		PQDBTO	06	PQ012A	01 1	TQ2 D2	23A	
15893		XA514	27				168 9		PQDBTO	07	PQDBTO	00 1	TQ2 B4	13B	BTR DB0015PQ0015
15894		XA516	27		XA514	10	168 9		PQDBUA	01	PQDBUA	00 1	TQ2 B4	13B	BTR DB0015PQ0015
15895		XA514	10		XA508	05	168 9		PQDBUA	02	PQC05A	01 1	TQ2 A1	07A	
15896		XA508	05				168 9		PQDBUA	03	PQ06C0	01 5	TS8 A1	03B	
15897		XA516	76		XA516	25	168 9		PQDBUO	01	PQ061A	01 1	TQ2 F4	37A	
15898		XA516	25		XA514	38	168 9		PQDBUO	02	PQDBUA	01 2	TQ2 B4	12B	
15899		XA514	38		XA509	24	168 9		PQDBUO	03	PQDBUO	00 1	TQ2 C1	18A	BTR DB0015PQ0015
15900		XA509	24		XA509	10	168 9		PQDBUO	04	PQ091A	01 2	TQ2 B1	13A	
15901		XA509	10		XA509	03	168 9		PQDBUO	05	PQ071A	01 1	TQ2 A1	07A	
15902		XA509	03				168 9		PQDBUO	06	PQ081A	01 1	TQ2 A3	02A	
15903		XA514	30		XA511	56	168 9		PQDBVJ	01	PQDBVJ	00 1	TQ2 C2	15A	BTR DB0015PQ0015
15904		XA511	56		XA511	41	168 9		PQDBVJ	02	PQ142A	01 1	TQ2 D1	26A	
15905		XA511	41		XA511	29	168 9		PQDBVJ	03	PQ152A	01 1	TQ2 D3	22B	
15906		XA511	29		XA511	25	168 9		PQDBVJ	04	PQ132A	01 1	TQ2 C3	14B	
15907		XA511	25		XA509	25	168 9		PQDBVJ	05	PQ112A	01 2	TQ2 B4	12B	
15908		XA509	25		XA509	29	168 9		PQDBVJ	06	PQ102A	01 2	TQ2 B4	12B	
15909		XA509	29				168 9		PQDBVJ	07	PQ122A	01 1	TQ2 C3	14B	
1551C		XA512	14		XA527	60	168 9		PQFECO	01	PQ002A	01 6	TS8 B1	09A	
**** SIGNAL (PQFECO) IS ON THE NEXT PAGE ****															

DRAWING NUMBER		149011-800		STRING		UNIT ASSEMBLY NO		149011		REV D		INDEX		PQFECO		
UNIT ASSEMBLY NAME		CARD CAGE ASSY,CPU R.H.		FILE IDENT		T3982CP2		DATE		09-33-82		PAGE		323		
RECORD NUMBER	PREFIX	CONNECTOR	PIN	PREFIX	CONNECTOR	PIN	MULTI GROUP	CODE	COLOR	IDENT	SIGNAL	SFO NO	EQUATION	TEST POINTS	SIGNAL DESCRIPTION	ECO NO
15911		XA527	60					168	9		PQFECO	02	PQFECO	00 1 TQ2 E2	28A	SET PQ00-FETCH, QUA
15912		XA527	62					168	9		PQFESA	01	PQFECO	01 2 TQ2 E2	29A	
15913		XA516	40		XA515	36		168	9		PQFESA	02	PQFECO	01 2 TQ2 C1	19A	
15914		XA515	36		XA508	10		168	9		PQFESA	03	PQFESA	00 1 TT3 C1	17A	FETCH INSTR ERROR
15915		XA508	10					168	9		PQFESA	04	PQ06C0	01 1 TS8 A1	07A	
15916		XA515	59		XA514	50		168	9		PQFESO	01	PQ052A	01 2 TT3 E3	31B	
15917		XA514	50		XA516	38		168	9		PQFESO	02	PQ021A	01 1 TQ2 D2	23A	
15918		XA516	38					168	9		PQFESO	03	PQFESO	00 1 TQ2 C1	18A	SET PQ00,02,05 QU
15919		XA527	64		XA530	39		168	9		PQFETA	01	PQFECO	01 1 TQ2 E2	30A	
15920		XA530	39					168	9		PQFETA	02	PQFETA	00 1 TT3 C3	19B	SET PQ00-FETCH,IND
15923		XA516	30		XA332	36		168	9		PQMPE0	01	PQMPE0	00 1 TQ2 C2	15A	CPU MEM PAR ERROR
15924		XA332	36					168	9		PQMPE0	02	JQMPEd4	01 1 TLD C2	17A	
15925		XA516	31		XA515	31		168	9		PQPLDA	01	PQPLD0	01 2 TQ2 C3	15B	
15926		XA515	31		XA511	26		168	9		PQPLDA	02	PQPLDA	00 1 TT3 C2	15B	DYR PL0207PQ1015,
15927		XA511	26					168	9		PQPLDA	03	PQ10C0	01 1 TQ2 B1	14A	
22951		XA516	33		XA511	48		168	9		PQPLD0	01	PQPLD0	00 1 TQ2 C3	16B	
15925		XA511	48		XA511	36		168	9		PQPLD0	02	PQ151A	01 2 TQ2 D2	22A	
15930		XA511	36		XA511	35		168	9		PQPLD0	03	PQ131A	01 1 TQ2 C2	17A	
15931		XA511	35		XA509	34		168	9		PQPLD0	04	PQ141A	01 1 TQ2 C4	17B	
15932		XA509	34		XA509	17		168	9		PQPLD0	05	PQ121A	01 2 TQ2 C2	16A	
15933		XA509	17		XA511	17		168	9		PQPLD0	06	PQ101A	01 1 TQ2 B3	08B	
15934		XA511	17					168	9		PQPLD0	07	PQ111A	01 1 TQ2 B3	08B	
15937		XA523	69		XA516	36		168	9		PQ00BP	01	PQ00BP	00 1 TDD MP	35A	
15938		XA516	36		XA512	10		168	9		PQ00BP	02	PQMPE0	01 1 TQ2 C2	17A	
15939		XA512	10					168	9		PQ00BP	03	PQC0Z0	01 1 TS8 A1	07A	
15940		XA510	24		XA523	74		168	9		PQ00BQ	01	PQ004A	01 2 TT3 B1	13A	
15941		XA523	74		XA333	78		168	9		PQ00BQ	02	PQ00BQ	00 1 TDD M0	35B	
15942		XA333	78		XA328	49		168	9		PQ00BQ	03	DP00QD	01 2 TLD F4	38A	
15943		XA328	49					168	9		PQ00BQ	04	DP16QD	01 2 TLD D4	26B	
15944		XA530	35		XA516	39		168	9		PQ00SA	01	PQFETA	01 2 TT3 C3	17B	
15945		XA516	39		XA514	31		168	9		PQ00SA	02	PQ00SA	00 1 TQ2 C4	19B	SET PQ00-INS EXE,
15946		XA514	31					168	9		PQ00SA	03	PQ00S0	01 2 TQ2 C3	15B	
15947		XA525	79		XA514	33		168	9		PQ00S0	01	PQ001A	01 1 TD4 F1	39B	
15948		XA514	33					168	9		PQ00S0	02	PQ00S0	00 1 TQ2 C3	16B	SET PQ00 IN INS E
15949		XA532	61		XA525	76		168	9		PQ001A	01	CN0990	01 8 TS8 E1	32B	
15950		XA525	76		XA513	06		168	9		PQ001A	02	PQ001A	00 1 TD4 F1	37A	MMPE SET PQ00- IN
15951		XA513	06		XA317	24		168	9		PQ001A	03	PQ0090	01 3 TD4 A1	05A	
18642		XA317	24		XA134	78		168	9		PQ001A	03	CYRL1A	01 2 TQ2 B1	13A	
15952		XA134	78					168	9		PQ001A	04	CRO190	01 8 TS8 F1	38A	

DRAWING NUMBER		149011-800		STRING		UNIT ASSEMBLY NO		149011		REV D		INDEX		PQ001A							
UNIT ASSEMBLY NAME		CARD CAGE ASSY,CPU R.H.		FILE IDENT		T39B2CP2		DATE		09-03-82		PAGE		321							
RECORD NUMBER	PREFIX	CONNECTOR	PIN	PREFIX	CONNECTOR	PIN	WIRE GROUP	CODE	COLOR	IDENT	SIGNAL	SEQ NO	EQUATION	TEST POINT	CAT OR CHIP TYPE	GROUP	LOAD CP POWER PLANE	TEST POINTS AND/OR	SIGNAL DESCRIPTION	ECO NO	
15955		XA532	55								PQ002A	01	CN0990	01	7	TS8	E1	29B			
15956		XA513	06		XA512	23		16B	9		PQ002A	02	PQ0090	01	2	TD4	A1	06A			
15957		XA512	23		XA134	77		16B	9		PQ002A	03	PQ002A	00	1	TS8	B1	11B	MASP*.MMPE- INSTR		
15958		XA134	77					16B	9		PQ002A	04	CR0190	01	2	TS8	F1	38B			
15961		XA516	52		XA513	13		16B	9		PQ003A	01	PQ003A	00	1	TQ2	D1	24A	DB00 TO PQ00		
15962		XA513	13					16B	9		PQ003A	02	PQ0090	01	4	TD4	A1	06B			
15963		XA513	10		XA510	20		16B	9		PQ004A	01	PQ0090	01	1	TD4	A1	07A			
15964		XA510	20					16B	9		PQ004A	02	PQ004A	00	1	TT3	B1	11A	HOLD PQ00		
15965		XA523	71		XA513	11		16B	9		PQ0090	01	PQ0081	01	1	TDD	M1	36A			
15966		XA513	11					16B	9		PQ0090	02	PQ0090	00	1	TD4	A1	05B	SET PQ00 DATA		
15969		XA519	11		XA516	34		16B	9		PQ01BP	01	PQ01BP	00	1	TDD	AP	05B			
15970		XA516	34		XA512	08		16B	9		PQ01BP	02	PQMPE0	01	2	TQ2	C2	16A			
15971		XA512	08					16B	9		PQ01BP	03	PQC020	01	2	TS8	A1	06A			
15972		XA510	52		XA519	13		16B	9		PQ01BQ	01	PQ013A	01	3	TT3	D1	24A			
15973		XA519	13		XA333	74		16B	9		PQ01BQ	02	PQ01BQ	00	1	TDD	AQ	06B			
15974		XA333	74		XA328	43		16B	9		PQ01BQ	03	DP01QD	01	2	TLD	F3	35B			
15975		XA328	43					16B	9		PQ01BQ	04	DP17QD	01	2	TLD	D3	23B			
15976		XA514	73		XA514	37		16B	9		PQ01DA	01	PQ06E0	01	1	TQ2	F2	36B			
15977		XA514	37		XA515	39		16B	9		PQ01DA	02	PQ01D0	01	2	TQ2	C4	18B			
15978		XA515	35		XA508	04		16B	9		PQ01DA	03	PQ01DA	00	1	TT3	C3	19B	SET PQ01 MOP CODE		
15979		XA508	04					16B	9		PQ01DA	04	PQ06C0	01	4	TS8	A1	04A			
15980		XA514	35		XA513	05		16B	9		PQ01D0	01	PQ01D0	00	1	TQ2	C4	19B			
15981		XA513	05					16B	9		PQ01D0	02	PQ011A	01	2	TD4	A2	03B			
15982		XA515	52		XA513	09		16B	9		PQ011A	01	PQ0190	01	3	TT3	D1	24A			
15983		XA513	09		XA134	74		16B	9		PQ011A	02	PQ011A	00	1	TD4	A2	04B	MMPE SEL LEV CHNG		
15984		XA134	74					16B	9		PQ011A	03	CR0190	01	7	TS8	F1	35B			
15987		XA516	46		XA515	56		16B	9		PQ012A	01	PQ012A	00	1	TQ2	D2	21A	DB01 TO PQ01		
15988		XA515	56					16B	9		PQ012A	02	PQ0190	01	1	TT3	D1	26A			
15989		XA515	54		XA510	50		16B	9		PQ013A	01	PQ0190	01	2	TT3	D1	25A			
15990		XA510	50					16B	9		PQ013A	02	PQ013A	00	1	TT3	D1	23A	HOLD PQ01		
15991		XA519	08		XA515	50		16B	9		PQ0190	01	PQ01B1	01	1	TDD	A1	06A			
15992		XA515	50					16B	9		PQ0190	02	PQ0190	00	1	TT3	D1	23A	SET PQ01 DATA		
15995		XA519	09		XA512	01		16B	9		PQ02BP	01	PQ02BP	00	1	TDD	BP	04B			
15996		XA512	01					16B	9		PQ02BP	02	PQC020	01	6	TS8	A1	02B			
15997		XA504	52		XA519	07		16B	9		PQ02BQ	01	PQ023A	01	3	TT3	D1	24A			
											****	SIGNAL	PQ02BQ				IS ON THE	NEXT PAGE	****		

DRAWING NUMBER		149011-800		STRING		UNIT ASSEMBLY NO		149011		REV D		INDEX		PQ02BQ							
UNIT ASSEMBLY NAME		CARD GAGE ASSY,CPU R.H.		FILE IDENT		T39B2CP2		DATE		09-03-82		PAGE		322							
RECORD NUMBER	FROM			TO			WIRE			SIGNAL	SFG NO	EQUATION	TERM	FACT	CHK OR CHIP TYPE	GROUP	LOAD CR POWER PLANE	TEST POINTS AND/OR	SIGNAL DESCRIPTION	ECO NO	
	PREFIX	CONNECTOR	PIN	PREFIX	CONNECTOR	PIN	MULTI WIRE	CODE	COLOR												IDENT
15998		XA519	07		XA332	73			168	9		PQ02BQ	02	PQ02BQ	00	1	T00	B0		03A	
15999		XA332	73		XA328	50			168	9		PQ02BQ	03	DP02QD	01	1	TLD	F2		36B	
16000		XA328	50						168	9		PQ02BQ	04	DP18QD	01	1	TLD	D2		23A	
16001		XA516	43		XA514	52			168	9		PQ02PA	01	PQ02Y0	01	2	TQ2	D3		23B	
16002		XA514	52						168	9		PQ02PA	02	PQ02PA	00	1	TQ2	D1		24A	PRIN.(PLJ0,PLJ1*)
16003		XA516	41		XA515	43			168	9		PQ02SA	01	PQ02T0	01	1	TQ2	D3		22B	
16004		XA515	43						168	9		PQ02SA	02	PQ02SA	00	1	TY3	D2		23A	SPIN.(PL00=PL01)
16005		XA516	45		XA514	48			168	9		PQ02T0	01	PQ02T0	00	1	TQ2	D3		24B	PRIN OR SPIN VIOL
16006		XA514	48						168	9		PQ02T0	02	PQ021A	01	2	TQ2	D2		22A	
16007		XA514	46		XA513	73			168	9		PQ021A	01	PQ021A	00	1	TQ2	D2		21A	
16008		XA513	73		XA508	19			168	9		PQ021A	02	PQ0290	01	1	TD4	F2		36B	
16009		XA508	19						168	9		PQ021A	03	PQ06D0	01	7	TS8	B1		09B	
16010		XA516	51		XA513	72			168	9		PQ022A	01	PQ022A	00	1	TQ2	D4		27B	DB02 TO PQ02
16011		XA513	72						168	9		PQ022A	02	PQ0290	01	3	TD4	F2		34A	
16012		XA513	71		XA504	50			168	9		PQ023A	01	PQ0290	01	2	TD4	F2		36A	
16013		XA504	50						168	9		PQ023A	02	PQ023A	00	1	TY3	D1		23A	HOLD PQ02
16014		XA512	59		XA508	18			168	9		PQ024A	01	PQ024A	00	1	TS8	E1		31B	MASP*.MAGR*. (PLJ0
16015		XA508	18		XA513	74			168	9		PQ024A	02	PQ06D0	01	5	TS8	B1		10A	
16016		XA513	74						168	9		PQ024A	03	PQ0290	01	4	TD4	F2		35B	
16017		XA519	05		XA513	69			168	9		PQ0290	01	PQ02B1	01	1	T00	B1		03B	
16018		XA513	69						168	9		PQ0290	02	PQ0290	00	1	TD4	F2		35A	SET PT05 DATA
16021		XA519	23		XA512	04			168	9		PQ03BP	01	PQ03BP	00	1	T00	CP		11B	
16022		XA512	04						168	9		PQ03BP	02	PQ030Z	01	4	TS8	A1		04A	
16023		XA514	62		XA519	25			168	9		PQ03BQ	01	PQ037A	01	2	TQ2	E2		29A	
16024		XA519	25		XA332	79			168	9		PQ03BQ	02	PQ03BQ	00	1	T00	CQ		12B	
16025		XA332	79		XA328	54			168	9		PQ03BQ	03	DP03QD	01	1	TLD	F1		39B	
16026		XA328	54						168	9		PQ03BQ	04	DP19QD	01	2	TLD	D1		25A	
16027		XA516	68		XA514	45			168	9		PQ03DA	01	PQ03D0	01	2	TQ2	E1		32A	
16028		XA514	45		XA508	06			168	9		PQ03DA	02	PQ03DA	00	1	TQ2	D3		24B	SET PQ03 MOP CODE
16029		XA508	06						168	9		PQ03DA	03	PQ06C0	01	3	TS8	A1		05A	
16030		XA516	66		XA512	60			168	9		PQ03D0	01	PQ03D0	00	1	TQ2	E1		31A	SET PQ03 ENABLE
16031		XA512	60		XA512	54			168	9		PQ03D0	02	PQ024A	01	6	TS8	E1		28A	
16032		XA512	54		XA512	42			168	9		PQ03D0	03	PQ032A	01	2	TS8	D1		25A	
16033		XA512	42		XA513	24			168	9		PQ03D0	04	PQ031A	01	1	TS8	C1		20A	
16034		XA513	24						168	9		PQ03D0	05	PQ035A	01	2	TD4	B1		13A	
16035		XA516	60		XA512	52			168	9		PQ03VA	01	PQ03VA	00	1	TQ2	E2		28A	MB00* MB01* - APO
16036		XA512	52						168	9		PQ03VA	02	PQ032A	01	3	TS8	D1		24A	

DRAWING NUMBER 149011-800
 UNIT ASSEMBLY NAME CARD CAGE ASSY,CPU R.H.

STRING

UNIT ASSEMBLY NO. 149011
 FILE IDENT T39B2CP2

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 DATE 09-03-82

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RECORD NUMBER	FROM				TO				WIRE		MULTI GROUP	CODE	COLOR	IDENT	SPEC. INSTR.	SIGNAL	SEQ NO	EQUATION	Z TERM	S FACT	CST OR CHIP TYPE	GROUP	LOAD OR POWER PLANE	TEST POINTS AND OR	SIGNAL DESCRIPTION	ECO NO	
	PREFIX	CONNECTOR	PIN	C I	PREFIX	CONNECTOR	PIN	C I																			
16037		XA516	62		XA514	51			168	9					PQ03W0	01	PQ03VA	01	2	TQ2	E2		29A				
16038		XA514	51						168	9					PQ03W0	02	PQ03W0	00	1	TQ2	D4		27B	MB00*			
16039		XA516	64		XA514	66			168	9					PQ03X0	01	PQ03VA	01	1	TQ2	E2		30A				
16040		XA514	66						168	9					PQ03X0	02	PQ03X0	00	1	TQ2	E1		31A	MB01*			
16041		XA508	74		XA512	35			168	9					PQ031A	01	PQ0390	01	7	TS8	F1		35B				
16042		XA512	35						168	9					PQ031A	02	PQ031A	00	1	TS8	C1		17B	MASP*,(MB00,MB01)			
16043		XA508	20						168	9					PQ031A	03	PQ06D0	01	4	TS8	B1		11A				
16044		XA508	71		XA512	47			168	9					PQ032A	01	PQ0390	01	5	TS8	F1		36A				
16045		XA512	47		XA508	25			168	9					PQ032A	02	PQ032A	00	1	TS8	D1		25B	MASP*,(MB00*,MB01)			
16046		XA508	25						168	9					PQ032A	03	PQ06D0	01	8	TS8	B1		12B				
16047		XA504	80		XA505	78			168	9					PQ033A	01	PQ033A	00	1	TT3	F3		39A	AUCTION IF ACZR			
16048		XA505	78						168	9					PQ033A	02	PQ0340	01	2	TQ2	F4		38A				
16049		XA505	80		XA513	22			168	9					PQ0340	01	PQ0340	00	1	TQ2	F4		39A	UNQUAL AUCTION			
16050		XA513	22						168	9					PQ0340	02	PQ035A	01	3	TD4	B1		12A				
16051		XA513	23		XA508	26			168	9					PQ035A	01	PQ035A	00	1	TD4	B1		11B	MASP* MB00 SEL, F			
16052		XA508	26		XA508	78			168	9					PQ035A	02	PQ0600	01	1	TS8	B1		14A				
16053		XA508	78						168	9					PQ035A	03	PQ0390	01	8	TS8	F1		38A				
16054		XA516	57		XA508	72			168	9					PQ036A	01	PQ036A	00	1	TQ2	E3		30B	DB03 TO PQ03			
16055		XA508	72						168	9					PQ036A	02	PQ0390	01	6	TS8	F1		34A				
16056		XA514	60		XA508	73			168	9					PQ037A	01	PQ037A	00	1	TQ2	E2		28A	HOLD PQ03			
16057		XA508	73						168	9					PQ037A	02	PQ0390	01	4	TS8	F1		36B				
16058		XA519	24		XA508	76			168	9					PQ0390	01	PQ0381	01	1	TDD	C1		13A				
16059		XA508	76						168	9					PQ0390	02	PQ0390	00	1	TS8	F1		37A	SET PQ03 DATA			
16062		XA519	21		XA512	05			168	9					PQ048P	01	PQ048P	00	1	ID0	DP		10B				
16063		XA512	05						168	9					PQ048P	02	PQ020	01	5	TS8	A1		03B				
16064		XA510	47		XA519	19			168	9					PQ048Q	01	PQ043A	01	2	TT3	D3		25B				
16065		XA515	15		XA332	61			168	9					PQ048Q	02	PQ048Q	00	1	TDD	DQ		09B				
16066		XA332	61		XA332	50			168	9					PQ048Q	03	DP040D	01	2	TLD	E4		32B				
16067		XA332	50		XA328	37			168	9					PQ048Q	04	JQMT0D4	01	1	TLD	D2		23A				
16068		XA328	37						168	9					PQ048Q	05	DP20QD	01	2	TLD	C4		18B				
16069		XA514	57		XA508	07			168	9					PQ04CA	01	PQ04CA	00	1	TQ2	E3		30B	MTQ CHK EXCEPT IN			
16070		XA508	07						168	9					PQ04CA	02	PQ06C0	01	7	TS8	A1		03A				
16071		XA515	77		XA515	76			168	9					PQ04D0	01	PQ063A	01	2	TT3	F1		38B				
16072		XA515	76		XA515	71			168	9					PQ04D0	02	PQ083A	01	2	TT3	F3		37A				
16073		XA515	71		XA516	63			168	9					PQ04D0	03	PQ073A	01	1	TT3	F2		36A				
															****	SIGNAL	PQ04D0										

DRAWING NUMBER		149011-800		STRING		UNIT ASSEMBLY NO		149011		REV D		NO. PQQ400			
UNIT ASSEMBLY NAME		CARD CAGE ASSY, CPU R.H.				REV. DESC		T3982CP2		DATE		09-03-82			
RECORD NUMBER	FROM	TO	WIRE	PREP	CONNECTION	TEST POINTS	SIGNAL	TEST POINTS	SIGNAL	TEST POINTS	SIGNAL	TEST POINTS	SIGNAL		
	PREP	CONNECTION	TEST POINTS	SIGNAL	TEST POINTS	SIGNAL	TEST POINTS	SIGNAL	TEST POINTS	SIGNAL	TEST POINTS	SIGNAL	TEST POINTS		
16074	XA516	63		XA514	59		PQ0400	04	PQ0400	00	1	TQ2	E4	33B	MEMORY CYCLE WRP
16075	XA514	55		XA514	55		PQ0400	05	PQ041A	01	1	TQ2	E4	31B	
16076	XA514	55		XA510	10		PQ0400	06	PQ04CA	01	2	TQ2	E3	29B	
16077	XA510	10					PQ0400	07	PQ093A	01	1	TT3	A1	07A	
16078	XA514	63		XA515	66		PQ041A	01	PQ041A	03	1	TQ2	E4	33B	MEMORY TIME OUT
16079	XA515	66		XA134	79		PQ041A	02	PQ0490	01	3	TT3	E1	31A	
16080	XA134	79					PQ041A	03	CR0190	01	1	TS8	F1	39B	AO1
16083	XA516	75		XA515	70		PQ042A	01	PQ042A	03	1	TQ2	F1	37B	DB04 TO PQ04
16084	XA515	70					PQ042A	02	PQ0490	01	1	TT3	E1	33A	
16085	XA515	68		XA510	51		PQ043A	01	PQ0490	01	2	TT3	E1	32A	
16086	XA510	51					PQ043A	02	PQ043A	00	1	TT3	D3	27B	HOLD PQ04
16087	XA519	18		XA515	64		PQ0490	01	PQ0481	01	1	T00	D1	10A	
16088	XA515	64					PQ0490	02	PQ0490	00	1	TT3	E1	30A	SET PQ04 DATA
16091	XA519	35		XA512	06		PQ058P	01	PQ058P	00	1	T00	EP	17B	
16092	XA512	06					PQ058P	02	PQ058P	01	3	TS8	A1	05A	
16093	XA513	37		XA519	37		PQ058Q	01	PQ055A	01	4	T04	C1	18B	
16094	XA519	37		XA332	53		PQ058Q	02	PQ058Q	00	1	T00	EQ	18B	
16095	XA332	53		XA328	29		PQ058Q	03	DP05QD	01	1	TLD	E3	28B	
16096	XA328	29					PQ058Q	04	DP21QD	01	1	TLD	C3	14B	
16097	XA514	77		XA515	55		PQ050A	01	PQ0500	01	2	TQ2	F1	38B	
16098	XA515	55		XA508	08		PQ050A	02	PQ050A	00	1	TT3	E2	29B	SET PQ05 (AND PQ0
16099	XA508	08					PQ050A	03	PQ06C0	01	2	TS8	A1	06A	
16100	XA514	75		XA512	78		PQ0500	01	PQ0500	00	1	TQ2	F1	37B	
16101	XA512	78		XA513	18		PQ0500	02	PQ053A	01	8	TS8	F1	38A	
16102	XA513	18					PQ0500	03	PQ051A	01	2	T04	B2	10A	
16103	XA513	21		XA508	24		PQ051A	01	PQ051A	00	1	T04	B2	10B	MASP.MAGR* SELECT
16104	XA508	24		XA506	30		PQ051A	02	PQ06D0	01	2	TS8	B1	13A	
16105	XA506	30					PQ051A	03	PQ0590	01	3	T04	C2	15A	
16106	XA515	63		XA508	22		PQ052A	01	PQ052A	00	1	TT3	E3	33B	MODO.MONA SEL
16107	XA508	22		XA506	34		PQ052A	02	PQ06D0	01	3	TS8	B1	12A	
16108	XA506	34					PQ052A	03	PQ0590	01	2	T04	C2	16A	
16109	XA512	76		XA506	36		PQ053A	01	PQ053A	00	1	TS8	F1	37A	
16110	XA506	36		XA508	14		PQ053A	02	PQ0590	01	1	T04	C2	17A	
16111	XA508	14					PQ053A	03	PQ06D0	01	6	TS8	B1	09A	
16112	XA516	72		XA509	65		PQ054A	01	PQ054A	00	1	TQ2	F2	34A	DB05 TO PQ05
16113	XA509	65					PQ054A	02	PQ0560	01	1	TQ2	F3	34B	
16114	XA513	35		XA509	74		PQ055A	01	PQ055A	00	1	T04	C1	17B	HOLD PQ05
							****	SIGNAL	(PQ055A)						S ON THE NEXT PAGE ****

DRAWING NUMBER		149011-800		STRING		UNIT ASSEMBLY NO		149011		REV D		INDEX		PQ055A					
UNIT ASSEMBLY NAME		CARD CAGE ASSY,CPU R.H.		FILE IDENT		T39B2CP2		DATE		09-03-82		PAGE		325					
RECORD NUMBER	FROM			TO			WIRE		SIGNAL	REQ NO	EQUATION	3	8	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											
16115		XA505	74				168	9	PQ055A	02	PQ0560	01	2	TQ2	F3		35B		
16116		XA506	31		XA507	66	168	9	PQ056A	01	PQ0590	01	4	T04	C2		15B		
16117		XA507	66				168	9	PQ056A	02	PQ056A	00	1	TQ2	E1		31A		
16118		XA507	70		XA509	69	168	9	PQ0560	01	PQ056A	01	1	TQ2	E1		33A		
16119		XA509	69				168	9	PQ0560	02	PQ0560	00	1	TQ2	F3		35A		
16120		XA519	40		XA506	33	168	9	PQ0590	01	PQ0581	01	1	T00	E1		19A		
16121		XA506	33				168	9	PQ0590	02	PQ0590	00	1	T04	C2		16B	SET PQ05 DATA	
16124		XA519	31		XA331	62	168	9	PQ06BQ	01	PQ06BQ	00	1	T00	F0		15B		
16125		XA331	62		XA328	34	168	9	PQ06BQ	02	DP06QD	01	2	TLD	E2		29A		
16126		XA328	34				168	9	PQ06BQ	03	DP22QD	01	2	TLD	C2		16A		
16127		XA515	09		XA508	11	168	9	PQ06C0	01	PQCP6A	01	1	TT3	A3		04B		
16128		XA508	11				168	9	PQ06C0	02	PQ06C0	00	1	TS8	A1		05B	SET PQ06-09 OR BT	
16129		XA531	76		XA511	10	168	9	PQ06D0	01	CN074A	01	1	TQ2	F4		37A		
16130		XA511	10		XA509	05	168	9	PQ06D0	02	PQ062A	01	1	TQ2	A1		07A		
16131		XA509	05		XA509	13	168	9	PQ06D0	03	PQ072A	01	2	TQ2	A2		03B		
16132		XA509	13		XA509	18	168	9	PQ06D0	04	PQ082A	01	2	TQ2	A4		06B		
16133		XA509	18		XA508	23	168	9	PQ06D0	05	PQ092A	01	2	TQ2	B2		10A		
16134		XA508	23				168	9	PQ06D0	06	PQ06D0	00	1	TS8	B1		11B	PRIV VIO DTR MA00	
16135		XA516	74		XA514	72	168	9	PQ06E0	01	PQ06FA	01	2	TQ2	F3		35B		
16136		XA514	72				168	9	PQ06E0	02	PQ06E0	00	1	TQ2	F2		34A	SET PQ00/SET PQ01	
16137		XA516	69		XA514	74	168	9	PQ06FA	01	PQ06FA	00	1	TQ2	F3		35A	SET PQ00/01 UNLES	
16138		XA514	74				168	9	PQ06FA	02	PQ06F0	01	2	TQ2	F3		35B		
16139		XA514	69		XA513	70	168	9	PQ06F0	01	PQ06F0	00	1	TQ2	F3		35A	TRF MA0003 TO PQ0	
16140		XA513	70		XA513	54	168	9	PQ06F0	02	PQ094A	01	1	T04	E1		33A		
16141		XA513	54		XA513	48	168	9	PQ06F0	03	PQ074A	01	2	T04	D1		25A		
16142		XA513	48		XA513	34	168	9	PQ06F0	04	PQ084A	01	2	T04	D2		22A		
16143		XA513	34				168	9	PQ06F0	05	PQ064A	01	2	T04	C2		16A		
16144		XA515	79		XA514	80	168	9	PQ06M0	01	PQ063A	01	1	TT3	F1		39B		
16145		XA514	80		XA513	30	168	9	PQ06M0	02	PQ06M0	00	1	TQ2	F4		39A	MA00-D FLD BIT 00	
16146		XA513	30		XA511	08	168	9	PQ06M0	03	PQ064A	01	3	T04	C2		15A		
16147		XA511	08				168	9	PQ06M0	04	PQ062A	01	2	TQ2	A1		06A		
16148		XA516	80		XA506	56	168	9	PQ061A	01	PQ061A	00	1	TQ2	F4		39A	DB06 TO PQ06	
16149		XA506	56				168	9	PQ061A	02	PQ0690	01	1	T04	D1		26A		
16150		XA511	06		XA506	52	168	9	PQ062A	01	PQ062A	00	1	TQ2	A1		05A	MA00 TO PQ06 IF P	
16151		XA506	52				168	9	PQ062A	02	PQ0690	01	3	T04	D1		24A		
16152		XA515	73		XA506	54	168	9	PQ063A	01	PQ063A	00	1	TT3	F1		36B	MA00 TO PQ06 IF M	
16153		XA506	54				168	9	PQ063A	02	PQ0690	01	2	T04	D1		25A		

DRAWING NUMBER		149011-800		STRING		UNIT ASSEMBLY NO		149011		REV D		INDEX		PQ063A									
UNIT ASSEMBLY NAME		CARD CAGE ASSY,CPU R.H.		FILE IDENT		T39B2CP2		DATE		09-03-82		PAGE		326									
RECORD NUMBER	PREFIX	CONNECTOR	PIN	PREFIX	CONNECTOR	PIN	MULTI GROUP	CODE	COLOR	IDENT	SPEC INST	SIGNAL	SFO NO	EQUATION	TERM	FACTOR	CT OR CHIP TYPE	GROUP	LOAD OR POWER PLANE	TEST POINTS AND/OR	SIGNAL DESCRIPTION	ECO NO	
16154		XA513	33									PQ064A	01	PQ064A	00	1	T04	C2		16B			
16155		XA506	49		XA506	49			168	9		PQ064A	02	PQ0690	01	4	T04	O1		26B		MA00 TO PQ06 IF M	
16156		XA519	34						168	9		PQ0690	01	PQ0681	01	1	T00	F1		16A			
16157		XA506	47		XA506	47			168	9		PQ0690	02	PQ0690	00	1	T04	O1		29B		SET PQ06 DATA	
16160		XA519	49						168	9		PQ078Q	01	PQ078Q	00	1	T00	G0		26B			
16161		XA331	70		XA331	70			168	9		PQ078Q	02	DP07QD	01	1	TLD	E1		33A			
16162		XA328	42						168	9		PQ078Q	03	DP23QD	01	1	TLD	C1		20A			
16163		XA515	72						168	9		PQ07M0	01	PQ073A	01	2	TT3	F2		34A			
16164		XA513	52		XA509	04			168	9		PQ07M0	02	PQ074A	01	3	T04	O1		24A			
16165		XA509	04						168	9		PQ07M0	03	PQ072A	01	1	TQ2	A2		04A			
16166		XA511	01		XA511	01			168	9		PQ07M0	04	PQ07M0	00	1	TQ2	A2		02B		MA01-D FLD BIT 01	
16167		XA509	06						168	9		PQ071A	01	PQ071A	00	1	TQ2	A1		05A		DB07 TO PQ07	
16168		XA506	43						168	9		PQ071A	02	PQ0790	01	4	T04	D2		23B			
16169		XA509	01						168	9		PQ072A	01	PQ072A	00	1	TQ2	A2		02B		MA01 TO PQ07 IF P	
16170		XA506	46		XA506	46			168	9		PQ072A	02	PQ0790	01	3	T04	D2		21A			
16171		XA515	74						168	9		PQ073A	01	PQ073A	00	1	TT3	F2		35B		MA01 TO PQ07 IF M	
16172		XA506	50						168	9		PQ073A	02	PQ0790	01	1	T04	D2		23A			
16173		XA513	47						168	9		PQ074A	01	PQ074A	00	1	T04	O1		25B		MA01 TO PQ07 IF M	
16174		XA506	48		XA506	48			168	9		PQ074A	02	PQ0790	01	2	T04	D2		22A			
16175		XA519	54						168	9		PQ0790	01	PQ0781	01	1	T00	G1		25A			
16176		XA506	45		XA506	45			168	9		PQ0790	02	PQ0790	00	1	T04	D2		24B		SET PQ07 DATA	
16179		XA519	43						168	9		PQ088Q	01	PQ088Q	00	1	T00	HQ		23B			
16180		XA331	78		XA328	25			168	9		PQ088Q	02	DP08QD	01	2	TLD	F4		38A			
16181		XA328	25						168	9		PQ088Q	03	DP24QD	01	2	TLD	G4		12B			
16182		XA515	78						168	9		PQ08M0	01	PQ083A	01	3	TT3	F3		38A			
16183		XA513	46		XA511	09			168	9		PQ08M0	02	PQ084A	01	3	T04	D2		21A			
16184		XA511	09						168	9		PQ08M0	03	PQ08M0	00	1	TQ2	A3		04B		MA02-D FLD BIT 02	
16185		XA509	11		XA509	11			168	9		PQ08M0	04	PQ082A	01	1	TQ2	A4		05B			
16186		XA509	09						168	9		PQ081A	01	PQ081A	00	1	TQ2	A3		04B		DB08 TO PQ08	
16187		XA506	61		XA506	61			168	9		PQ081A	02	PQ0890	01	4	T04	E1		32B			
16188		XA509	15						168	9		PQ082A	01	PQ082A	00	1	TQ2	A4		07B		MA02 TO PQ08 IF P	
16189		XA506	68		XA506	68			168	9		PQ082A	02	PQ0890	01	2	T04	E1		32A			
16190		XA515	80						168	9		PQ083A	01	PQ083A	00	1	TT3	F3		39A		MA02 TO PQ08 IF M	
16191		XA506	66		XA506	66			168	9		PQ083A	02	PQ0890	01	3	T04	E1		31A			
												****	SIGNAL	PQ084A								S ON THE NEXT PAGE ****	

DRAWING NUMBER		149011-800		STRING		UNIT ASSEMBLY NO.		149011		REV D		INDEX		PQ084A											
UNIT ASSEMBLY NAME		CARD CAGE ASSY. CPU R.H.		FILE IDENT		T3982CP2		DATE		09-03-82		PAGE		327											
RECORD NUMBER	FROM			TO			WIRE			SIGNAL	SFD 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	AND			OR			
16192		XA513	45		XA506	70		16B	9		PQ084A	01	PQ084A	00	1	TD4	D2		24B	MA02 TO PQ08 IF M					
16193		XA506	70					16B	9		PQ084A	02	PQ0890	01	1	TD4	E1		33A						
16194		XA519	48		XA506	59		16B	9		PQ0890	01	PQ0881	01	1	TDD	HI		22A						
16195		XA506	59					16B	9		PQ0890	02	PQ0890	00	1	TD4	E1		31B	SET PQ08 DATA					
16198		XA519	61		XA331	65		16B	9		PQ09BQ	01	PQ098Q	03	1	TDD	JQ		32B						
16199		XA331	65		XA328	17		16B	9		PQ09BQ	02	DP09QD	01	1	TLD	F3		34B						
16200		XA328	17					16B	9		PQ09BQ	03	DP25QD	01	1	TLD	B3		08B						
16201		XA513	61		XA509	20		16B	9		PQ09M0	01	PQ094A	01	4	TD4	E1		32B						
16202		XA509	20		XA510	06		16B	9		PQ09M0	02	PQ092A	01	1	TQ2	B2		11A						
16203		XA510	06		XA511	15		16B	9		PQ09M0	03	PQ093A	01	3	TT3	A1		09A						
16204		XA511	15					16B	9		PQ09M0	04	PQ09M0	00	1	TQ2	A4		07B	MA03-D FLD BIT 03					
16205		XA509	22		XA506	62		16B	9		PQ091A	01	PQ091A	00	1	TQ2	B1		12A	DB09 TO PQ09					
16206		XA506	62					16B	9		PQ091A	02	PQ0990	01	2	TD4	E2		29A						
16207		XA509	14		XA506	55		16B	9		PQ092A	01	PQ092A	00	1	TQ2	B2		09A	MA03 TO PQ09 IF P					
16208		XA506	55					16B	9		PQ092A	02	PQ0990	01	4	TD4	E2		29B						
16209		XA510	04		XA506	60		16B	9		PQ093A	01	PQ093A	00	1	TT3	A1		04A	MA03 TO PQ09 IF M					
16210		XA506	60					16B	9		PQ093A	02	PQ0990	01	3	TD4	E2		28A						
16211		XA513	59		XA506	64		16B	9		PQ094A	01	PQ094A	00	1	TD4	E1		31B	MA03 TO PQ09 IF M					
16212		XA506	64					16B	9		PQ094A	02	PQ0990	01	1	TD4	E2		30A						
16213		XA519	68		XA506	57		16B	9		PQ0990	01	PQ0981	01	1	TDD	J1		32A						
16214		XA506	57					16B	9		PQ0990	02	PQ0990	00	1	TD4	E2		30B						
16217		XA519	55		XA330	71		16B	9		PQ10BQ	01	PQ10BQ	00	1	TDD	KQ		29B						
16218		XA330	71		XA331	18		16B	9		PQ10BQ	02	DP10QD	01	2	TLD	F2		36A						
16219		XA331	18					16B	9		PQ10BQ	03	DP26QD	01	2	TLD	B2		10A						
16220		XA516	04		XA511	22		16B	9		PQ10C0	01	PQCP7A	01	1	TQ2	A2		04A						
16221		XA511	22					16B	9		PQ10C0	02	PQ10C0	00	1	TQ2	B1		12A	DTR PL-PQ OR BTR					
16222		XA511	18		XA509	21		16B	9		PQ101A	01	PQ1090	01	2	TQ2	B2		10A						
16223		XA509	21					16B	9		PQ101A	02	PQ101A	00	1	TQ2	B3		10B	PL02 TO PQ10					
16224		XA511	20		XA509	27		16B	9		PQ102A	01	PQ1090	01	1	TQ2	B2		11A						
16225		XA509	27					16B	9		PQ102A	02	PQ102A	02	1	TQ2	B4		13B	DB10 TO PQ10					
16226		XA519	62		XA511	14		16B	9		PQ1090	01	PQ1081	01	1	TDD	K1		29A						
16227		XA511	14					16B	9		PQ1090	02	PQ1090	00	1	TQ2	B2		09A	SET PQ10 DATA					
16230		XA519	78		XA330	79		16B	9		PQ11BQ	01	PQ11BQ	00	1	TDD	LQ		38A						
16231		XA330	79		XA331	26		16B	9		PQ11BQ	02	DP11QD	01	1	TLD	F1		39B						
16232		XA331	26					16B	9		PQ11BQ	03	DP27QD	01	1	TLD	B1		14A						
****											SIGNAL		PQ111A		IS ON THE NEXT PAGE ****										

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DRAWING NUMBER		149011-800		STRING		UNIT ASSEMBLY NO		149011		REV D		INDEX		PQ111A									
UNIT ASSEMBLY NAME		CARD CAGE ASSY, CPU R.H.				FILE IDENT		T39B2CP2		DATE		09-03-82		PAGE 328									
RECORD NUMBER	FROM	TO	WIRE	PREFIX	CONNECTOR	PIN	MULTI GROUP	CODE	COLOR	IDENT	SIGNAL	SEQ NO	EQUATION	WIRE	PKT OR CHIP TYPE	SNAP	LOAD OR POINT PLANE	TEST POINTS AND/OR	SIGNAL DESCRIPTION	ECO NO			
16233	XA511	21		XA509	40			168	9		PQ111A	01	PQ111A	00	1	TQ2	B3	108	PL03 TO PQ11				
16234	XA509	40						168	9		PQ111A	02	PQ1190	01	2	TQ2	C1	19A					
16235	XA511	27		XA509	42			168	9		PQ112A	01	PQ112A	00	1	TQ2	B4	138	DB11 TO PQ11				
16236	XA509	42						168	9		PQ112A	02	PQ1190	01	1	TQ2	C1	20A					
16237	XA519	77		XA509	38			168	9		PQ1190	01	PQ1181	01	1	TQ2	LI	388					
16238	XA509	38						168	9		PQ1190	02	PQ1190	00	1	TQ2	C1	18A	SET PQ11 DATA				
16241	XA519	74		XA330	59			168	9		PQ128Q	01	PQ128Q	00	1	TQ2	MQ	358					
16242	XA330	59		XA332	13			168	9		PQ128Q	02	DP12QD	01	1	TLD	E4	318					
16243	XA332	13						168	9		PQ128Q	03	DP28QD	01	2	TLD	A4	068					
16244	XA511	40		XA509	30			168	9		PQ121A	01	PQ1290	01	2	TQ2	C1	19A					
16245	XA509	30						168	9		PQ121A	02	PQ121A	00	1	TQ2	C2	15A	PL04 TO PQ12				
16246	XA511	42		XA509	33			168	9		PQ122A	01	PQ1290	01	1	TQ2	C1	20A					
16247	XA509	33						168	9		PQ122A	02	PQ122A	00	1	TQ2	C3	168	DB12 TO DQ12				
16248	XA519	71		XA511	38			168	9		PQ1290	01	PQ1281	01	1	TQ2	MI	36A					
16249	XA511	38						168	9		PQ1290	02	PQ1290	00	1	TQ2	C1	18A	SET PQ12 DATA				
16252	XA518	13		XA330	53			168	9		PQ138Q	01	PQ138Q	00	1	TQ2	AQ	068					
16253	XA330	53		XA332	07			168	9		PQ138Q	02	DP13QD	01	1	TLD	E3	288					
16254	XA332	07						168	9		PQ138Q	03	DP29QD	01	2	TLD	A3	03A					
16255	XA511	30		XA509	35			168	9		PQ131A	01	PQ131A	00	1	TQ2	C2	15A	PL05 TO PQ13				
16256	XA509	35						168	9		PQ131A	02	PQ1390	01	1	TQ2	C4	178					
16257	XA511	33		XA509	37			168	9		PQ132A	01	PQ132A	00	1	TQ2	C3	168	DB13 TO PQ13				
16258	XA509	37						168	9		PQ132A	02	PQ1390	01	2	TQ2	C4	188					
16259	XA518	08		XA509	39			168	9		PQ1390	01	PQ1381	01	1	TQ2	A1	06A					
16260	XA509	39						168	9		PQ1390	02	PQ1390	00	1	TQ2	C4	198	SET PQ13 DATA				
16263	XA518	07		XA329	64			168	9		PQ148Q	01	PQ148Q	00	1	TQ2	BQ	03A					
16264	XA329	64		XA332	04			168	9		PQ148Q	02	DP14QD	01	1	TLD	E2	30A					
16265	XA332	04						168	9		PQ148Q	03	DP30QD	01	1	TLD	A2	04A					
16266	XA511	39		XA509	54			168	9		PQ141A	01	PQ141A	00	1	TQ2	C4	198	PL06 TO PQ14				
16267	XA509	54						168	9		PQ141A	02	PQ1490	01	2	TQ2	D1	25A					
16268	XA511	52		XA509	56			168	9		PQ142A	01	PQ142A	00	1	TQ2	D1	24A	DB14 TO PQ14				
16269	XA509	56						168	9		PQ142A	02	PQ1490	01	1	TQ2	D1	26A					
16270	XA518	05		XA509	52			168	9		PQ1490	01	PQ1481	01	1	TQ2	B1	038					
16271	XA509	52						168	9		PQ1490	02	PQ1490	00	1	TQ2	D1	24A	SET PQ14 DATA				
16274	XA518	25		XA329	70			168	9		PQ158Q	01	PQ158Q	00	1	TQ2	CQ	128					
16275	XA329	70		XA332	10			168	9		PQ158Q	02	DP15QD	01	1	TLD	E1	33A					
											****	SIGNAL	PQ158Q	IS ON THE NEXT PAGE ****									

DRAWING NUMBER		149011-800		STRING	UNIT ASSEMBLY NO.		149011		REV D		INDEX		PQ158Q							
UNIT ASSEMBLY NAME				CARD CAGE ASSY, CPU R.H.				FILE IDENT		T3982CP2		DATE		09-03-82		PAGE		329		
RECORD NUMBER	FROM			TO			WIRE			SIGNAL	SEQ NO	EQUATION	E	S	CKT OR CHIP TYPE	PROP	LOAD OR POWER PLANE	TEST POINTS AND/OR	SIGNAL DESCRIPTION	ECO NO
	PREFIX	CONNECTOR	PIN	PREFIX	CONNECTOR	PIN	CODE	COLOR	IDENT											
16276		XA332	10				168	9		PQ158Q	03	DP31QD	01	1	TLD	A1		07A		
16277		XA511	46		XA509	48	168	9		PQ151A	01	PQ151A	00	1	TQ2	D2		21A	PL07 TO PQ15	
16278		XA509	48				168	9		PQ151A	02	PQ1590	01	2	TQ2	D2		22A		
16279		XA511	45		XA509	50	168	9		PQ152A	01	PQ152A	00	1	TQ2	D3		24B	DB15 TO PQ15	
16280		XA509	50				168	9		PQ152A	02	PQ1590	01	1	TQ2	D2		23A		
16281		XA518	24		XA509	46	168	9		PQ1590	01	PQ1581	01	1	TDD	CI		13A		
16282		XA509	46				168	9		PQ1590	02	PQ1590	00	1	TQ2	D2		21A	SET PQ 15 DATA	
16285		XA518	19		XA329	49	168	9		PQ168Q	01	PQ168Q	00	1	TDD	DQ		09B		
16286		XA329	49				168	9		PQ168Q	02	DP16RD	01	2	TLD	D4		26B		
16287		XA511	51		XA509	43	168	9		PQ16CA	01	PQ16CA	00	1	TQ2	D4		27B	PQ16 CLK ENA	
16288		XA509	43				168	9		PQ16CA	02	PQ16C0	01	2	TQ2	D3		23B		
16291		XA509	45		XA516	03	168	9		PQ16C0	01	PQ16C0	00	1	TQ2	D3		24B	PQ16 CLK ENA	
16292		XA516	03		XA133	49	168	9		PQ16C0	02	PQCP8A	01	1	TQ2	A3		02A		
16293		XA133	49		XA133	48	168	9		PQ16C0	03	CR03CA	01	4	TD4	D1		26B		
16294		XA133	48				168	9		PQ16C0	04	CR03RA	01	2	TD4	D2		22A		
16295		XA515	49		XA513	55	168	9		PTCNLA	01	PT04C0	01	3	TT3	D3		26B		
16296		XA513	55		XA510	39	168	9		PTCNLA	02	PT02C0	01	4	TD4	E2		29B		
16297		XA510	39		XA506	75	168	9		PTCNLA	03	PTCNLA	00	1	TT3	C3		19B	LOA 000010 BIN PT	
16298		XA506	75				168	9		PTCNLA	04	PT0690	01	3	TD4	F1		37B		
16299		XA517	70		XA517	60	168	9		PTCPOA	01	PT08BN	01	1	TDD	JN		33A		
16300		XA517	60		XA516	15	168	9		PTCPOA	02	PT09BN	01	1	TDD	KN		28A		
16301		XA516	15		XA517	10	168	9		PTCPOA	03	PTCPOA	00	1	TQ2	A4		07B	GATED CLK PT0001-	
16302		XA517	10		XA517	01	168	9		PTCPOA	04	PT00BN	01	1	TDD	AN		07A		
16303		XA517	01				168	9		PTCPOA	05	PT01BN	01	1	TDD	BN		02B		
16304		XA517	14		XA516	22	168	9		PTCP2A	01	PT03BN	01	1	TDD	DN		09A		
16305		XA516	22		XA517	26	168	9		PTCP2A	02	PTCP2A	00	1	TQ2	B1		12A	GATED CLK PT0203	
16306		XA517	26				168	9		PTCP2A	03	PT02BN	01	1	TDD	CN		14A		
16307		XA517	56		XA517	42	168	9		PTCP4A	01	PT06BN	01	1	TDD	GN		26A		
16308		XA517	42		XA517	30	168	9		PTCP4A	02	PT04BN	01	1	TDD	EN		20A		
16309		XA517	30		XA517	46	168	9		PTCP4A	03	PT05BN	01	1	TDD	FN		15A		
16310		XA517	46		XA516	14	168	9		PTCP4A	04	PT07BN	01	1	TDD	HN		21A		
16311		XA516	14				168	9		PTCP4A	05	PTCP4A	00	1	TQ2	B2		09A	GATED CLK PT0407	
16312		XA510	69		XA510	72	168	9		PTC77A	01	PT0490	01	1	TT3	F3		35A		
16313		XA510	72		XA510	77	168	9		PTC77A	02	PT0590	01	2	TT3	F2		34A		
16314		XA510	77		XA510	61	168	9		PTC77A	03	PT0390	01	2	TT3	F1		36B		
16315		XA510	61		XA510	48	168	9		PTC77A	04	PT0290	01	3	TT3	E3		32B		
16316		XA510	48		XA504	39	168	9		PTC77A	05	PT0790	01	1	TT3	D2		22A		
16317		XA504	39		XA506	79	168	9		PTC77A	06	PTC77A	00	1	TT3	C3		19B	LOA +00077PT0207-	
16318		XA506	79				168	9		PTC77A	07	PT0690	01	1	TD4	F1		39B		

3-2879-1

DRAWING NUMBER		149011-800		STRING		UNIT ASSEMBLY NO		149011		REV D		INDEX		PTC77A											
UNIT ASSEMBLY NAME		CARD CAGE ASSY,CPU R.H.		FILE IDENT		T39B2CP2		DATE		09-03-82		PAGE		330											
RECORD NUMBER	FROM				TO				WIRE				SIGNAL	SEQ NO	EQUATION	TEST POINT	CCT OR CHIP TYPE	GROUP	LOAD OR POWER PLANE	TEST POINTS AND DR	SIGNAL DESCRIPTION	ECO NO			
	PREFIX	CONNECTOR	PIN	NO	PREFIX	CONNECTOR	PIN	NO	MULTI GROUP	CODE	COLOR	IDENT											WIRE NO		
16319		XA515	47		XA513	60			168	9				PTDBTA	01	PT04C0	01	2	TT3	D3		25B			
16320		XA513	60		XA509	47			168	9				PTDBTA	02	PT02C0	01	3	TD4	E2		26A			
16321		XA509	47		XA510	15			168	9				PTDBTA	03	PT08T0	01	1	TQ2	D4		25B			
16322		XA510	15						168	9				PTDBTA	04	PT08T0	00	1	TT3	A3		07B		BTR DB2631PT0207	
16323		XA511	74		XA509	51			168	9				PTDBT0	01	PT031A	01	2	TQ2	F3		35B			
16324		XA509	51		XA507	61			168	9				PTDBT0	02	PT08T0	00	1	TQ2	D4		27B		BTR DB2631PT5207	
16325		XA507	61		XA507	73			168	9				PTDBT0	03	PT021A	01	2	TQ2	E4		32B			
16326		XA507	73		XA507	78			168	9				PTDBT0	04	PT041A	01	1	TQ2	F2		36B			
16327		XA507	78		XA505	79			168	9				PTDBT0	05	PT071A	01	2	TQ2	F4		38A			
16328		XA505	79		XA505	65			168	9				PTDBT0	06	PT051A	01	1	TQ2	F1		39B			
16329		XA505	65		XA504	35			168	9				PTDBT0	07	PT061A	01	1	TQ2	F3		34B			
16330		XA504	35						168	9				PTDBT0	08	PTC77A	01	2	TT3	C3		17B			
16331		XA511	68		XA510	19			168	9				PTDB0A	01	PTDB00	01	2	TQ2	E1		32A			
16332		XA510	19						168	9				PTDB0A	02	PTDB0A	00	1	TT3	B2		09B		BLO PT0001DB2425	
16335		XA511	66		XA329	23			168	9				PTDB00	01	PTDB00	00	1	TQ2	E1		31A		BLO PT0001DB2425	
16336		XA329	23		XA329	19			168	9				PTDB30	02	DP24TD	01	1	TLD	B4		11B			
16337		XA329	19						168	9				PTDB00	03	DP25TD	01	2	TLD	B3		09B			
16338		XA511	62		XA510	27			168	9				PTDB1A	01	PTDB10	01	2	TQ2	E2		29A			
16339		XA510	27						168	9				PTDB1A	02	PTDB1A	00	1	TT3	B3		13B		BLO PT0207DB1823	
16342		XA511	60		XA329	56			168	9				PTDB10	01	PTDB10	00	1	TQ2	E2		28A		BLO PT0207DB1823	
16343		XA329	56		XA329	47			168	9				PTDB10	02	DP19TD	01	1	TLD	D1		26A			
16344		XA329	47		XA329	48			168	9				PTDB10	03	DP16RD	01	1	TLD	D4		25B			
16345		XA329	48		XA329	42			168	9				PTDB10	04	DP18TD	01	2	TLD	D2		22A			
16346		XA329	42		XA329	35			168	9				PTDB10	05	DP23TD	01	1	TLD	C1		20A			
16347		XA329	35		XA329	34			168	9				PTDB10	06	DP20TD	01	1	TLD	C4		17B			
16348		XA329	34		XA329	31			168	9				PTDB10	07	DP22TD	01	2	TLD	C2		16A			
16349		XA329	31		XA333	79			168	9				PTDB10	08	DP21TD	01	2	TLD	C3		15B			
17517		XA333	79						168	9				PTDB10	09	DP17RD	01	1	TLD	F1		39B			
16350		XA511	53		XA510	36			168	9				PTDB2A	01	PTDB20	01	1	TQ2	E3		28B			
16351		XA510	36						168	9				PTDB2A	02	PTDB2A	00	1	TT3	C1		17A		BLO PT0207DB2025	
16354		XA511	57		XA330	42			168	9				PTDB20	01	PTDB20	00	1	TQ2	E3		30B		BLO PT0207DB2025	
16355		XA330	42		XA330	35			168	9				PTDB20	02	DP23UD	01	1	TLD	C1		20A			
16356		XA330	35		XA330	36			168	9				PTDB20	03	DP20UD	01	1	TLD	C4		17B			
16357		XA330	36		XA330	29			168	9				PTDB20	04	DP22UD	01	1	TLD	C2		17A			
16358		XA330	29		XA330	23			168	9				PTDB20	05	DP21UD	01	1	TLD	C3		14B			
16359		XA330	23		XA330	19			168	9				PTDB20	06	DP24UD	01	1	TLD	B4		11B			
16360		XA330	19						168	9				PTDB20	07	DP25UD	01	2	TLD	B3		09B			
16361		XA511	59		XA510	31			168	9				PTDB3A	01	PTDB30	01	1	TQ2	E4		31B			
16362		XA510	31						168	9				PTDB3A	02	PTDB3A	00	1	TT3	C2		15B		BLO PT0207DB2631	
													****	SIGNAL	PTDB30	IS ON THE NEXT PAGE ****									

DRAWING NUMBER 149011-800
 UNIT ASSEMBLY NAME CARD CAGE ASSY,CPU R.H.

STRING

UNIT ASSEMBLY NO 149011
 FILE IDENT T39B2CP2

REV D
 DATE 09-03-82

INDEX PT0830
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RECORD NUMBER	FROM				TO				WIRE			PT/INT BASIC	SIGNAL	SEQ NO	EQUATION	T	S	CKT OR CHIP TYPE	PROP	LOAD OR POWER PLANE	TEST POINTS AND OP	SIGNAL DESCRIPTION	ECO NO	
	PREFIX	CONNECTOR	PIN	WIRE NO	PREFIX	CONNECTOR	PIN	WIRE NO	MULTI GROUP	CODE	COLOR													IDENT
16365	XA511	63			XA332	24				168	9		PT0830	01	PT0830	00	1	TQ2	E4		33B	BLO PT0207082631		
16366	XA332	24			XA332	20				168	9		PT0830	02	DP27TD	01	2	TLD	B1		13A			
16367	XA332	20			XA333	08				168	9		PT0830	03	DP26TD	01	1	TLD	B2		11A			
16368	XA333	08			XA333	11				168	9		PT0830	04	DP31TD	01	2	TLD	A1		06A			
16369	XA333	11			XA333	05				168	9		PT0830	05	DP28TD	01	1	TLD	A4		05B			
16370	XA333	05			XA333	03				168	9		PT0830	06	DP30TD	01	2	TLD	A2		03B			
16371	XA333	03								168	9		PT0830	07	DP29TD	01	1	TLD	A3		02A			
16372	XA509	66			XA342	61				168	9		PTLCNA	01	PTLCNA	00	1	TQ2	E1		31A	(LLCIN/PTHP)-APOL		
16373	XA342	61								168	9		PTLCNA	02	CTERNA	01	3	TT3	E3		32B			
16378	XA509	68			XA508	59				168	9		PTLCNO	01	PTLCNA	01	2	TQ2	E1		32A			
16379	XA508	59			XA205	46				168	9		PTLCNO	02	PTLCNO	00	1	TS8	E1		31B	L OHG BY INS/PT HG		
16380	XA205	46								168	9		PTLCNO	03	CSL4LA	01	2	TT3	O2		21A			
16381	XA513	62			XA509	60				168	9		PTRSUA	01	PT02C0	01	2	TD4	E2		29A			
16382	XA509	60								168	9		PTRSUA	02	PTRSUA	00	1	TQ2	E2		28A	RESET PT02-03 UNQ		
16383	XA306	29			XA308	31				168	9		PTR23A	01	C355CA	01	1	TQ2	C3		14B			
16384	XA308	31			XA308	35				168	9		PTR23A	02	C353G0	01	2	TQ2	C3		15B			
16385	XA308	35			XA308	41				168	9		PTR23A	03	C354CA	01	1	TQ2	C4		17B			
16386	XA308	41			XA419	69				168	9		PTR23A	04	C356CA	01	1	TQ2	O3		22B			
16387	XA419	69								168	9		PTR23A	05	PTR23A	00	1	TQ2	F3		35A	RST PT02 PT03 INL3		
16388	XA513	64			XA510	64				168	9		PTSRQA	01	PT02C0	00	1	TD4	E2		30A			
16389	XA510	64								168	9		PTSRQA	02	PTSRQA	01	1	TT3	E1		30A	S/RST PT02-03 QUA		
16390	XA501	57			XA517	64				168	9		PTXRSA	01	PTXRSA	00	1	TQ2	E3		30B			
16391	XA517	64			XA517	66				168	9		PTXRSA	02	PT098P	01	1	TDD	KP		30A			
16392	XA517	66			XA517	51				168	9		PTXRSA	03	PT088P	01	1	TDD	JP		31A			
16393	XA517	51			XA517	41				168	9		PTXRSA	04	PT068Q	01	1	TDD	GQ		27B			
16394	XA517	41			XA517	39				168	9		PTXRSA	05	PT078Q	01	1	TDD	HQ		22B			
16395	XA517	39			XA517	29				168	9		PTXRSA	06	PT048Q	01	1	TDD	EQ		19B			
16396	XA517	29			XA517	27				168	9		PTXRSA	07	PT058Q	01	1	TDD	FQ		14B			
16397	XA517	27			XA517	17				168	9		PTXRSA	08	PT028Q	01	1	TDD	CQ		13B			
16398	XA517	17			XA517	15				168	9		PTXRSA	09	PT038Q	01	1	TDD	DQ		08B			
16399	XA517	15			XA517	04				168	9		PTXRSA	10	PT008Q	01	1	TDD	AQ		07B			
16400	XA517	04								168	9		PTXRSA	11	PT018P	01	1	TDD	BP		04A			
16403	XA507	48			XA517	13				168	9		PT00BQ	01	PL001A	01	2	TQ2	D2		22A			
16404	XA517	13			XA329	25				168	9		PT00BQ	02	PT008Q	00	1	TDD	AQ		06B	PT REG MASTER RES		
16405	XA329	25								168	9		PT00BQ	03	DP24TD	01	2	TLD	B4		12B			
16406	XA510	55			XA509	55				168	9		PT00CA	01	PT00CA	00	1	TT3	E2		29B	BTR DB01.89 TO PT		
16407	XA509	55								168	9		PT00CA	02	PT00C0	01	2	TQ2	E3		29B			
16408	XA516	13			XA507	55				168	9		PT00C0	01	PTCPOA	01	2	TQ2	A4		06B			
16409	XA507	55			XA507	64				168	9		PT00C0	02	PT091A	01	2	TQ2	E3		29B			
16410	XA507	64			XA509	57				168	9		PT00C0	03	PT081A	01	1	TQ2	E2		30A			
16411	XA509	57			XA511	73				168	9		PT00C0	04	PT00C0	00	1	TQ2	E3		30B			
													****	SIGNAL	PT00C0	IS ON THE		NEXT PAGE	****					

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RECORD NUMBER	FROM			TO			WIRE					SIGNAL	SEC NO	EQUATION	3	8	CKT OR CHIP TYPE	GROUP	LOAD OR POWER PLANE	TEST POINTS AND/OR	SIGNAL DESCRIPTION	ECO NO		
	PREFIX	CONNECTOR	PIN	PREFIX	CONNECTOR	PIN	1	2	3	4	5													
16412		XA511	73		XA511	77						168	9	PT00C0	05	PT011A	01	1	TQ2	F2		388		
16413		XA511	77									168	9	PT00C0	06	PT001A	01	2	TQ2	F1		388		
16414		XA511	75		XA509	61						168	9	PT001A	01	PT001A	00	1	TQ2	F1		378	DB00 TO PT00	
16415		XA509	61									168	9	PT001A	02	PT0090	01	2	TQ2	E4		328		
16416		XA517	08		XA509	63						168	9	PT0090	01	PT0081	01	1	TQ2	A1		04A		
16417		XA509	63									168	9	PT0090	02	PT0090	00	1	TQ2	E4		338	SET PT00 DATA	
16420		XA507	43		XA517	07						168	9	PT018Q	01	PL011A	01	2	TQ2	D3		238		
16421		XA517	07		XA329	17						168	9	PT018Q	02	PT018Q	00	1	TDD	B0		03A		
16422		XA329	17									168	9	PT018Q	03	DP25TD	01	1	TLD	B3		088		
16423		XA511	72		XA509	77						168	9	PT011A	01	PT011A	00	1	TQ2	F2		34A	DB01 TO PT01	
16424		XA509	77									168	9	PT011A	02	PT0190	01	2	TQ2	F1		388		
16425		XA517	05		XA509	75						168	9	PT0190	01	PT0181	01	1	TDD	B1		038		
16426		XA509	75									168	9	PT0190	02	PT0190	00	1	TQ2	F1		378	SET PT01 DATA	
16429		XA503	47		XA503	70						168	9	PT028P	01	PC02CA	01	1	TQ2	D4		298		
16430		XA503	70		XA509	71						168	9	PT028P	02	PC02GA	01	1	TQ2	E1		33A		
16431		XA509	71		XA517	23						168	9	PT028P	03	PT02Q0	01	2	TQ2	F2		36A		
16432		XA517	23		XA306	40						168	9	PT028P	04	PT028P	00	1	TDD	CP		118		
16433		XA306	40		XA306	17						168	9	PT028P	05	C354FA	01	2	TQ2	C1		19A		
16434		XA306	17									168	9	PT028P	06	C353GA	01	1	TQ2	B3		088		
16435		XA503	77		XA507	36						168	9	PT028Q	01	PC02FA	01	2	TQ2	F1		388		
16436		XA507	36		XA517	25						168	9	PT028Q	02	PL021A	01	1	TQ2	C2		17A		
16437		XA517	25		XA329	50						168	9	PT028Q	03	PT028Q	00	1	TDD	C0		128		
16438		XA329	50		XA330	37						168	9	PT028Q	04	DP18TD	01	1	TLD	D2		23A		
16439		XA330	37		XA332	18						168	9	PT028Q	05	DP20UD	01	2	TLD	C4		188		
16440		XA332	18									168	9	PT028Q	06	DP26TD	01	2	TLD	B2		10A		
16443		XA516	26		XA513	57						168	9	PT02C0	01	PTCP2A	01	1	TQ2	B1		14A		
16444		XA513	57									168	9	PT02C0	02	PT02C0	00	1	TQ4	E2		308	LOA CNST, BYR, S7RS	
16447		XA509	72		XA308	68						168	9	PT02Q0	01	PT02Q0	00	1	TQ2	F2		34A	PT028Q- UNLOAD	
16448		XA308	68		XA306	37						168	9	PT02Q0	02	C356FA	01	2	TQ2	E1		32A		
16449		XA306	37									168	9	PT02Q0	03	C355FA	01	2	TQ2	C4		188		
16450		XA510	59		XA507	63						168	9	PT021A	01	PT0290	01	2	TT3	E3		318		
16451		XA507	63									168	9	PT021A	02	PT021A	00	1	TQ2	E4		338	DB26 TO PT02	
16452		XA510	57		XA509	80						168	9	PT022A	01	PT0290	01	1	TT3	E3		308		
16453		XA509	80									168	9	PT022A	02	PT022A	00	1	TQ2	F4		39A	SET PT02- MOP COD	
16454		XA517	24		XA510	63						168	9	PT0290	01	PT0281	01	1	TDD	C1		13A		
16455		XA510	63									168	9	PT0290	02	PT0290	00	1	TT3	E3		338	SET PT02 DATA	
16458		XA540	14		XA517	21						168	9	PT038P	01	C521SA	01	2	TT3	B2		09A		
												****	SIGNAL	PT038P	S ON THE NEXT PAGE ****									

DRAWING NUMBER		149011-800		STRING		UNIT ASSEMBLY NO		149011		REV. D		INDEX		PT338P											
UNIT ASSEMBLY NAME		CARD CAGE ASSY, CPU R.H.				FILE IDENT		T3982CP2		DATE		09-03-82		PAGE 333											
RECORD NUMBER	FROM				TO				MULTI GROUP	CODE	COLOR	IDENT	SIGNAL	SEQ NO	EQUATION	3	1	8	C	M	P	W	S	SIGNAL DESCRIPTION	ECO NO
	PREFIX	CONNECTOR	PIN		PREFIX	CONNECTOR	PIN																		
16459		XA517	21		XA504	48			168	9			PT038P	02	PT038P	00	1	TDD	DP				10B		
16460		XA504	48		XA503	64			168	9			PT038P	03	PC03CA	01	1	TT3	D2				22A		
16461		XA503	64		XA507	77			168	9			PT038P	04	PC03GA	01	1	TQ2	E2				30A		
16462		XA507	77		XA306	35			168	9			PT038P	05	PT03Q0	01	2	TQ2	F1				39B		
16463		XA306	35		XA306	19			168	9			PT038P	06	C355FA	01	1	TQ2	C4				17B		
16464		XA306	19						168	9			PT038P	07	C353GA	01	2	TQ2	B3				09B		
16465		XA503	71		XA507	31			168	9			PT038Q	01	PC03FA	01	2	TQ2	F2				36A		
16466		XA507	31		XA517	19			168	9			PT038Q	02	PL031A	01	2	TQ2	C3				15B		
16467		XA517	19		XA329	54			168	9			PT038Q	03	PT038Q	00	1	TDD	DQ				09B		
16468		XA329	54		XA330	31			168	9			PT038Q	04	DP19TD	01	2	TLD	D1				25A		
16469		XA330	31		XA332	26			168	9			PT038Q	05	DP21UD	01	2	TLD	C3				15B		
16470		XA332	26						168	9			PT038Q	06	DP27TD	01	1	TLD	B1				14A		
16477		XA538	42		XA507	75			168	9			PT03Q0	01	C525EA	01	1	TQ4	C1				20A		
16478		XA507	75		XA308	70			168	9			PT03Q0	02	PT03Q0	00	1	TQ2	F1				37B	PT038Q- UNLOAD	
16479		XA308	70		XA306	42			168	9			PT03Q0	03	C356FA	01	1	TQ2	E1				33A		
16480		XA306	42						168	9			PT03Q0	04	C354FA	01	1	TQ2	C1				20A		
16481		XA511	69		XA510	75			168	9			PT031A	01	PT031A	00	1	TQ2	F3				35A	DB27 TO PT03	
16482		XA510	75						168	9			PT031A	02	PT0390	01	3	TT3	F1				37B		
16483		XA511	80		XA510	79			168	9			PT032A	01	PT032A	00	1	TQ2	F4				39A	SET PT03- MOP COD	
16484		XA510	79						168	9			PT032A	02	PT0390	01	1	TT3	F1				39B		
16485		XA517	18		XA510	73			168	9			PT0390	01	PT038I	01	1	TDD	D1				10A		
16486		XA510	73						168	9			PT0390	02	PT0390	00	1	TT3	F1				36B	SET PT03 DATA	
16489		XA517	35		XA506	72			168	9			PT048P	01	PT048P	00	1	TDD	EP				17B		
16490		XA506	72		XA503	55			168	9			PT048P	02	PC04CA	01	3	TQ4	F2				34A		
16491		XA503	55						168	9			PT048P	03	PC04GA	01	2	TQ2	E3				29B		
16492		XA503	65		XA507	35			168	9			PT048Q	01	PC04FA	01	1	TQ2	F3				34B		
16493		XA507	35		XA517	37			168	9			PT048Q	02	PL041A	01	1	TQ2	C4				17B		
16494		XA517	37		XA329	37			168	9			PT048Q	03	PT048Q	00	1	TDD	EQ				18B		
16495		XA329	37		XA330	34			168	9			PT048Q	04	DP20TD	01	2	TLD	C4				18B		
16496		XA330	34		XA333	13			168	9			PT048Q	05	DP22UD	01	2	TLD	C2				16A		
16497		XA333	13						168	9			PT048Q	06	DP28TD	01	2	TLD	A4				06B		
16498		XA516	18		XA515	51			168	9			PT04C0	01	PTCP4A	01	2	TQ2	B2				10A		
16499		XA515	51						168	9			PT04C0	02	PT04C0	00	1	TT3	D3				27B	LOA CNST, BTR OR A	
16500		XA510	78		XA507	72			168	9			PT041A	01	PT0490	01	3	TT3	F3				38A		
16501		XA507	72						168	9			PT041A	02	PT041A	00	1	TQ2	F2				34A	DB28 TO PT04	
16502		XA517	40		XA510	80			168	9			PT0490	01	PT048I	01	1	TDD	E1				19A		
16503		XA510	80						168	9			PT0490	02	PT0490	00	1	TT3	F3				39A	AUCTION IF ACZR	
16506		XA517	33		XA502	72			168	9			PT058P	01	PT058P	00	1	TDD	FP				14B		
16507		XA502	72		XA501	68			168	9			PT058P	02	PC05CA	01	6	TS8	F1				34A		
													****	SIGNAL	PT058P									IS ON THE NEXT PAGE ****	

3-2876-1

DRAWING NUMBER 149011-800
UNIT ASSEMBLY NAME CARD CAGE ASSY+CPU R.H.

STRING

UNIT ASSEMBLY NO 149011
FILE IDENT T3982CP2

REV D
DATE 09-03-82

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RECORD NUMBER	FROM				TO				WIRE		MULTI GROUP	CODE	COLOR	IDENT	WIRE SIZE	SIGNAL	SQ NO	EQUATION	P	F	CRT OR CHIP TYPE	WRP	LOAD OR POWER PLANE	TEST POINTS AND OR	SIGNAL DESCRIPTION	ECO NO
	PREFIX	CONNECTOR	PIN		PREFIX	CONNECTOR	PIN																			
16508		XA501	68						168	9					PT058P	03	PC05HA	01	2	TQ2	E1		32A			
16509		XA501	62		XA507	26			168	9					PT058Q	01	PC05JA	01	2	TQ2	E2		29A			
16510		XA507	26		XA517	31			168	9					P T058Q	02	PL051A	01	1	TQ2	B1		14A			
16511		XA517	31		XA330	40			168	9					PT058Q	03	PT058Q	00	1	TDD	F0		19B			
16512		XA330	40		XA329	29			168	9					PT058Q	04	DP23UD	01	2	TLD	C1		19A			
16513		XA329	29		XA333	07			168	9					PT058Q	05	DP21YD	01	1	TLD	C3		14B			
16514		XA333	07						168	9					PT058Q	06	DP29TD	01	2	TLD	A3		03A			
16515		XA510	71		XA505	75			168	9					PT051A	01	PT0590	01	1	TT3	F2		36A			
16516		XA505	75						168	9					PT051A	02	PT051A	00	1	TQ2	F1		37B	DB29 TO PT05		
16517		XA517	34		XA510	74			168	9					PT0590	01	PT05B1	01	1	TDD	F1		16A			
16518		XA510	74						168	9					PT0590	02	PT0590	00	1	TT3	F2		35B			
16521		XA503	61		XA517	47			168	9					PT068P	01	PC06GA	01	2	TQ2	E4		32B			
16522		XA517	47		XA502	62			168	9					PT068P	02	PT068P	05	1	TDD	GP		25B			
16523		XA502	62						168	9					PT068P	03	PC06CA	01	5	TS8	E1		29A			
16524		XA503	78		XA507	20			168	9					PT068Q	01	PC06FA	01	2	TQ2	F4		38A			
16525		XA507	20		XA517	49			168	9					PT068Q	02	PL061A	01	1	TQ2	B2		11A			
16526		XA517	49		XA329	36			168	9					PT068Q	03	PT068Q	00	1	TDD	G0		26B			
16527		XA329	36		XA330	25			168	9					PT068Q	04	DP22YD	01	1	TLD	C2		17A			
16528		XA330	25		XA333	04			168	9					PT068Q	05	DP24UD	01	2	TLD	B4		12B			
16529		XA333	04						168	9					PT068Q	06	DP30YD	01	1	TLD	A2		04A			
16530		XA506	77		XA505	69			168	9					PT061A	01	PT0690	01	2	TQ4	F1		38B			
16531		XA505	69						168	9					PT061A	02	PT061A	00	1	TQ2	F3		35A	DB30 TO PT06		
16532		XA517	54		XA506	76			168	9					PT0690	01	PT06B1	01	1	TDD	G1		25A			
16533		XA506	76						168	9					PT0690	02	PT0690	00	1	TQ4	F1		37A	SET PT07 DATA		
16536		XA517	45		XA502	48			168	9					PT078P	01	PT078P	00	1	TDD	HP		24B			
16537		XA502	48						168	9					PT078P	02	PC07CA	01	5	TS8	O1		22A			
16538		XA507	19		XA517	43			168	9					PT078Q	01	PL071A	01	2	TQ2	B3		09B			
16539		XA517	43		XA329	40			168	9					PT078Q	02	PT078Q	00	1	TDD	H0		23B			
16540		XA329	40		XA330	17			168	9					PT078Q	03	DP23TD	01	2	TLD	C1		19A			
16541		XA330	17		XA333	10			168	9					PT078Q	04	DP25UD	01	1	TLD	B3		08B			
16542		XA333	10						168	9					PT078Q	05	DP31TD	01	1	TLD	A1		07A			
16543		XA507	80		XA510	46			168	9					PT071A	01	PT071A	00	1	TQ2	F4		39A	DB31 TO PT07		
16544		XA510	46						168	9					PT071A	02	PT0790	01	2	TT3	D2		21A			
16545		XA517	48		XA510	43			168	9					PT0790	01	PT07B1	01	1	TDD	H1		22A			
16546		XA510	43						168	9					PT0790	02	PT0790	00	1	TT3	D2		23B	SET PQ02 DATA		
16549		XA517	55		XA308	64			168	9					PT088P	01	PT088P	00	1	TDD	JP		31B			
16550		XA308	64						168	9					PT088P	02	C358FA	01	1	TQ2	E2		30A			
**** SIGNAL																PT088Q	IS ON THE NEXT PAGE				****					

DRAWING NUMBER 149011-800
 UNIT ASSEMBLY NAME CARD CAGE ASSY,CPU R.H.

STRING

UNIT ASSEMBLY NO 149011
 FILE IDENT T3982CP2

REV 0
 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 OF 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												WIRE NO
16551		XA517	61			XA507	25			168	9		PT08BQ	01	PT08BQ	00	1	T00	JQ		32B			
16552		XA507	25							168	9		PT08BQ	02	PL081A	01	2	T02	B4		12B			
16553		XA507	60			XA505	68			168	9		PT081A	01	PT081A	00	1	TQ2	E2		28A	DB08 TO PT08		
16554		XA505	68							168	9		PT081A	02	PT0890	01	2	TQ2	E1		32A			
16555		XA517	68			XA505	66			168	9		PT0890	01	PT0881	01	1	T00	J1		32A			
16556		XA505	66							168	9		PT0890	02	PT0890	00	1	TQ2	E1		31A	SET PT08 DATA		
16561		XA517	55			XA504	47			168	9		PT09BQ	01	PT09BQ	00	1	T00	KQ		29B			
16562		XA504	47							168	9		PT09BQ	02	PL091A	01	2	TT3	D3		29B			
16563		XA507	57			XA505	62			168	9		PT091A	01	PT091A	00	1	TQ2	E3		30B	DB09 TO PT09		
16564		XA505	62							168	9		PT091A	02	PT0990	01	2	TQ2	E2		29A			
16565		XA517	62			XA505	60			168	9		PT0990	01	PT09B1	01	1	T00	K1		29A			
16566		XA505	60							168	9		PT0990	02	PT0990	00	1	TQ2	E2		28A	SET PT09 DATA		
16571		XA103	19			XA103	36			168	9		SPA001	01	E605C0	01	7	TS8	B1		09B			
16572		XA103	36			XA103	55			168	9		SPA001	02	E200C0	01	4	TS8	C1		17A			
16573		XA103	55			XA104	48			168	9		SPA001	03	E406C0	01	7	TS8	E1		29B			
16574		XA104	48			XA104	54			168	9		SPA001	04	EV07CA	01	2	TQ2	D2		22A			
16575		XA104	54			XA104	55			168	9		SPA001	05	EV01CA	01	2	TQ2	D1		25A			
16576		XA104	55			XA104	61			168	9		SPA001	06	E242CA	01	2	TQ2	E3		29B			
16577		XA104	61			XA104	64			168	9		SPA001	07	E360CA	01	2	TQ2	E4		32B			
16578		XA104	64			XA107	74			168	9		SPA001	08	E214CA	01	1	TQ2	E2		30A			
16579		XA107	74			XA130	42			168	9		SPA001	09	E705DA	01	2	TQ2	F3		35B			
16580		XA130	42							168	9		SPA001	10					RR1	D5				
16581		XA103	07			XA103	25			168	9		SPA002	01	EDC2CA	01	7	TS8	A1		03A			
16582		XA103	25			XA103	37			168	9		SPA002	02	E605C0	01	8	TS8	B1		12B			
16583		XA103	37			XA103	66			168	9		SPA002	03	E200C0	01	8	TS8	C1		18B			
16584		XA103	66			XA104	70			168	9		SPA002	04	E406C0	01	3	TS8	E1		31A			
16585		XA104	70			XA104	71			168	9		SPA002	05	E200CA	01	1	TQ2	E1		33A			
16586		XA104	71			XA104	78			168	9		SPA002	06	E450CA	01	2	TQ2	F2		36A			
16587		XA104	78			XA104	79			168	9		SPA002	07	E605CA	01	2	TQ2	F4		38A			
16588		XA104	79			XA105	10			168	9		SPA002	08	E406CA	01	1	TQ2	F1		39B			
16589		XA105	10			XA104	42			168	9		SPA002	09	ES0T00	01	1	TQ2	A1		07A			
01508		XA104	42			XA130	45			168	9		SPA002	10							20A			
16591		XA130	45							168	9		SPA002	11					RR1	E2				
16592		XA103	13			XA104	40			168	9		SPA003	01	EDC2CA	01	8	TS8	A1		06B			
13645		XA104	40			XA105	35			168	9		SPA003	02							19A			
16594		XA105	35			XA105	47			168	9		SPA003	03	EU07C0	01	1	TQ2	C4		17B			
16595		XA105	47			XA105	53			168	9		SPA003	04	E073C0	01	1	TQ2	D4		25B			
16596		XA105	53			XA105	54			168	9		SPA003	05	E237CA	01	1	TQ2	E3		28B			
16597		XA105	54			XA105	59			168	9		SPA003	06	ET11C0	01	2	TQ2	D1		25A			
16598		XA105	59			XA105	64			168	9		SPA003	07	E339CA	01	1	TQ2	E4		31B			
16599		XA105	64			XA105	78			168	9		SPA003	08	E236CA	01	1	TQ2	E2		30A			
16600		XA105	78			XA130	46			168	9		SPA003	09	E621CA	01	2	TQ2	F4		38A			
													****	SIGNAL	(SPA003)									S ON THE NEXT PAGE ****

DRAWING NUMBER 149011-800
 UNIT ASSEMBLY NAME CARD CAGE ASSY, CPU R.H.

STRING

UNIT ASSEMBLY NO 149011
 FILE IDENT T39B2CP2

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 DATE 09-03-82 PAGE 336

RECORD NUMBER	FROM				TO				WIRE				SIGNAL	SFO NO	EQUATION	3	8	CKT OR CHIP TYPE	GROUP	LOAD OR POSE PLANE	TEST POINTS AND/OR	SIGNAL DESCRIPTION	ECO NO
	PREFIX	CONNECTOR	PIN	POS	PREFIX	CONNECTOR	PIN	POS	MULTI GROUP	CODE	COLOR	IDENT											
16601		XA130	46							168	9		SPA003	10				RR1	D6				
16602		XA105	65		XA105	70				168	9		SPA004	01	E522CA	01	1	TQ2	F3		34B		
16603		XA105	70		XA105	73				168	9		SPA004	02	E203CA	01	1	TQ2	E1		33A		
16604		XA105	73		XA105	79				168	9		SPA004	03	E518CA	01	1	TQ2	F2		36B		
16605		XA105	79		XA106	66				168	9		SPA004	04	E361CA	01	1	TQ2	F1		39B		
16606		XA106	66		XA107	08				168	9		SPA004	05	E360C0	01	3	TD4	E1		31A		
16607		XA107	08		XA107	34				168	9		SPA004	06	EMZRC0	01	2	TQ2	A1		06A		
16608		XA107	34		XA107	73				168	9		SPA004	07	ET07C0	01	2	TQ2	C2		16A		
16609		XA107	73		XA107	79				168	9		SPA004	08	E457CA	01	1	TQ2	F2		36B		
16610		XA107	79		XA109	08				168	9		SPA004	09	E345CA	01	1	TQ2	F1		39B		
16611		XA109	08		XA130	47				168	9		SPA004	10	ED1890	01	2	TD4	A1		06A		
16612		XA130	47							168	9		SPA004	11				RR1	E3				
16613		XA109	10		XA109	20				168	9		SPA005	01	ED1890	01	1	TD4	A1		07A		
16614		XA109	20		XA109	26				168	9		SPA005	02	ED1790	01	1	TD4	B2		11A		
16615		XA109	26		XA109	31				168	9		SPA005	03	ED1690	01	1	TD4	B1		14A		
16616		XA109	31		XA109	42				168	9		SPA005	04	ED1590	01	4	TD4	C2		15B		
16617		XA109	42		XA109	48				168	9		SPA005	05	ED1490	01	1	TD4	C1		20A		
16618		XA109	48		XA109	55				168	9		SPA005	06	ED1390	01	2	TD4	D2		22A		
16619		XA109	55		XA109	56				168	9		SPA005	07	ED1190	01	4	TD4	E2		29B		
16620		XA109	56		XA109	68				168	9		SPA005	08	ED1290	01	1	TD4	D1		26A		
16621		XA109	68		XA109	71				168	9		SPA005	09	ED1090	01	2	TD4	E1		32A		
16622		XA109	71		XA130	48				168	9		SPA005	10	ED0990	01	2	TD4	F2		36A		
16623		XA130	48							168	9		SPA005	11				RR1	E4				
16624		XA109	14		XA109	24				168	9		SPA006	01	ED1790	01	3	TD4	B2		09A		
16625		XA109	24		XA109	30				168	9		SPA006	02	ED1690	01	2	TD4	B1		13A		
16626		XA109	30		XA109	40				168	9		SPA006	03	ED1590	01	3	TD4	C2		15A		
16627		XA109	40		XA109	43				168	9		SPA006	04	ED1490	01	2	TD4	C1		19A		
16628		XA109	43		XA109	54				168	9		SPA006	05	ED1390	01	4	TD4	D2		23B		
16629		XA109	54		XA109	62				168	9		SPA006	06	ED1290	01	2	TD4	D1		25A		
16630		XA109	62		XA109	70				168	9		SPA006	07	ED1190	01	2	TD4	E2		29A		
16631		XA109	70		XA109	74				168	9		SPA006	08	ED1090	01	1	TD4	E1		33A		
16632		XA109	74		XA109	79				168	9		SPA006	09	ED0990	01	4	TD4	F2		35B		
16633		XA109	79		XA130	51				168	9		SPA006	10	ED0890	01	1	TD4	F1		39B		
16634		XA130	51							168	9		SPA006	11				RR1	F1				
16635		XA109	78		XA110	18				168	9		SPA007	01	ED0890	01	4	TD4	F1		38A		
16636		XA110	18		XA111	05				168	9		SPA007	02	E0C3CA	01	5	TS8	B1		10A		
16637		XA111	05		XA111	18				168	9		SPA007	03	ES0TC0	01	2	TQ2	A2		03B		
16638		XA111	18		XA111	23				168	9		SPA007	04	EU0G00	01	2	TQ2	B2		10A		
16639		XA111	23		XA111	26				168	9		SPA007	05	E0C2C0	01	1	TQ2	B4		11B		
16640		XA111	26		XA112	31				168	9		SPA007	06	EU0GCO	01	1	TQ2	B1		14A		
16641		XA112	31		XA112	42				168	9		SPA007	07	ED0190	01	4	TD4	C2		15B		
16642		XA112	42		XA112	50				168	9		SPA007	08	EDBZ8A	01	1	TD4	C1		20A		
16643		XA112	50		XA130	52				168	9		SPA007	09	ED0390	01	1	TD4	D2		23A		
16644		XA130	52							168	9		SPA007	10				RR1	E5				
16645		XA110	42		XA112	34				168	9		SPA008	01	ERUSCO	01	1	TS8	C1		20A		
										****	SIGNAL		SPA008		TS ON THE			NEXT PAGE	****				

DRAWING NUMBER		149011-800		STRING		UNIT ASSEMBLY NO		149011		REV D		INDEX		SPA008									
UNIT ASSEMBLY NAME		CARD CAGE ASSY, CPU R.H.				FILE IDENT		T3982CP2		DATE		09-03-82		PAGE 337									
RECORD NUMBER	FROM				TO				WIRE		SIGNAL	SEQ NO	EQUATION	TERM	FACTORY	CMT 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
16646		XA112	34		XA112	43				168	9		SPA008	02	ED0190	01	2	TD4	C2		16A		
16647		XA112	43		XA112	49				168	9		SPA008	03	ED0390	01	4	TD4	O2		23B		
16648		XA112	49		XA112	61				168	9		SPA008	04	ED0290	01	4	TD4	D1		24B		
16649		XA112	61		XA112	62				168	9		SPA008	05	ED0490	01	4	TD4	E1		32B		
16650		XA112	62		XA112	73				168	9		SPA008	06	ED0590	01	2	TD4	E2		29A		
16651		XA112	73		XA112	78				168	9		SPA008	07	ED0790	01	1	TD4	F2		36B		
16652		XA112	78		XA113	05				168	9		SPA008	08	ED0690	01	4	TD4	F1		38A		
16653		XA113	05		XA130	53				168	9		SPA008	09	EEDTE0	01	2	TQ2	A2		03B		
16654		XA130	53							168	9		SPA008	10				RR1	F2				
16655		XA110	20		XA112	55				168	9		SPA009	01	EDC3CA	01	4	TS8	B1		11A		
16656		XA112	55		XA112	56				168	9		SPA009	02	ED0590	01	4	TD4	E2		29B		
16657		XA112	56		XA112	70				168	9		SPA009	03	ED0290	01	1	TD4	D1		24A		
16658		XA112	70		XA112	74				168	9		SPA009	04	ED0490	01	1	TD4	E1		33A		
16659		XA112	74		XA112	79				168	9		SPA009	05	ED0790	01	4	TD4	F2		35B		
16660		XA112	79		XA113	41				168	9		SPA009	06	ED0690	01	1	TD4	F1		39B		
16661		XA113	41		XA113	47				168	9		SPA009	07	ED15PA	01	1	TQ2	D3		22B		
16663		XA113	47		XA115	11				168	9		SPA009	09	ED16PA	01	1	TQ2	D6		25B		
16664		XA115	11		XA130	54				168	9		SPA009	10	EDC2D0	01	1	TQ2	A4		05B		
16665		XA130	54							168	9		SPA009	11				RR1	E6				
16666		XA106	06		XA113	53				168	9		SPA010	01	EX06G0	01	3	TD4	A1		05A		
16667		XA113	53		XA113	59				168	9		SPA010	02	ED13PA	01	1	TQ2	E3		28B		
16668		XA113	59		XA114	03				168	9		SPA010	03	ED14PA	01	1	TQ2	E4		31B		
16669		XA114	03		XA114	13				168	9		SPA010	04	EB5190	01	1	TQ2	A3		02A		
16670		XA114	13		XA114	17				168	9		SPA010	05	ECDBCO	01	2	TQ2	A4		06B		
16671		XA114	17		XA114	26				168	9		SPA010	06	EDC3CO	01	1	TQ2	B3		08B		
16672		XA114	26		XA114	29				168	9		SPA010	07	EED1G0	01	1	TQ2	B1		14A		
16673		XA114	29		XA114	34				168	9		SPA010	08	EDUUU0	01	1	TQ2	C3		14B		
16674		XA114	34		XA114	35				168	9		SPA010	09	EDULZ0	01	2	TQ2	C2		16A		
16675		XA114	35		XA114	40				168	9		SPA010	10	EDUUZ0	01	1	TQ2	C4		17B		
16676		XA114	40		XA130	55				168	9		SPA010	11	EDULU0	01	2	TQ2	C1		19A		
16677		XA130	55							168	9		SPA010	12				RR1	F3				
16678		XA114	65		XA114	73				168	9		SPA011	01	ED11PA	01	1	TQ2	F3		34B		
16679		XA114	73		XA114	76				168	9		SPA011	02	ED10PA	01	1	TQ2	F2		36B		
16680		XA114	76		XA115	05				168	9		SPA011	03	ED12PA	01	1	TQ2	F4		37A		
16681		XA115	05		XA115	07				168	9		SPA011	04	EB5C90	01	2	TQ2	A2		03B		
16682		XA115	07		XA115	18				168	9		SPA011	05	EB51PA	01	2	TQ2	A3		03A		
16683		XA115	18		XA115	19				168	9		SPA011	06	ECDBGA	01	2	TQ2	B2		10A		
16684		XA115	19		XA115	25				168	9		SPA011	07	ECDBHA	01	2	TQ2	B3		09B		
16685		XA115	25		XA115	26				168	9		SPA011	08	ECDBEA	01	2	TQ2	B4		12B		
16686		XA115	26		XA115	31				168	9		SPA011	09	ECDBFA	01	1	TQ2	B1		14A		
16687		XA115	31		XA130	56				168	9		SPA011	10	EDLUU0	01	2	TQ2	C3		15B		
16688		XA130	56							168	9		SPA011	11				RR1	F4				
16689		XA106	42		XA115	34				168	9		SPA012	01	ES0T90	01	1	TD4	C1		20A		
16690		XA115	34		XA115	35				168	9		SPA012	02	EDLLZ0	01	2	TQ2	C2		16A		
16691		XA115	35		XA115	42				168	9		SPA012	03	EDLUZ0	01	1	TQ2	C4		17B		
16692		XA115	42		XA116	03				168	9		SPA012	04	EDLLU0	01	1	TQ2	C1		20A		
										****	SIGNAL	(SPA012)										S ON THE NEXT PAGE ****	

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

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RECORD NUMBER	FROM				TO				WIRE		MULTI GROUP	CODE	COLOR	IDENT	SIGNAL	SFO NO	EQUATION	2	3	PKT	S	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																			
16693		XA116	03		XA116	15			168	9				SPA012	05	EDS1BQ	01	1		TDD	BQ			02A			
16694		XA116	15		XA122	49			168	9				SPA012	06	EDSCBQ	01	1		TDD	AQ			07B			
16695		XA122	49		XA122	61			168	9				SPA012	07	CL142A	01	3		TT3	D3			26B			
16696		XA122	61		XA130	61			168	9				SPA012	08	CL094A	01	3		TT3	E3			32B			
16697		XA130	61		XA126	33			168	9				SPA012	09				RR1	G1							
16698		XA126	33						168	9				SPA012	10	CL054A	01	1		TT3	C3			16B			
16699		XA106	13		XA123	03			168	9				SPA013	01	EX06G0	01	4		T04	A1			06B			
16700		XA123	03		XA123	05			168	9				SPA013	02	CL0340	01	1		TQ2	A3			02A			
16701		XA123	05		XA123	10			168	9				SPA013	03	CL0250	01	2		TQ2	A2			03B			
16702		XA123	10		XA123	11			168	9				SPA013	04	CL0140	01	1		TQ2	A1			07A			
16703		XA123	11		XA123	17			168	9				SPA013	05	CL0540	01	1		TQ2	A4			05B			
16704		XA123	17		XA123	18			168	9				SPA013	06	CL0840	01	1		TQ2	B3			08B			
16705		XA123	18		XA123	23			168	9				SPA013	07	CL0740	01	2		TQ2	B2			10A			
16706		XA123	23		XA123	24			168	9				SPA013	08	CL0940	01	1		TQ2	B4			11B			
16707		XA123	24		XA123	29			168	9				SPA013	09	CL0640	01	2		TQ2	B1			13A			
16708		XA123	29		XA130	62			168	9				SPA013	10	CL1240	01	1		TQ2	C3			14B			
16709		XA130	62						168	9				SPA013	11				RR1	F5							
16710		XA123	34		XA123	40			168	9				SPA014	01	CL1140	01	2		TQ2	C2			16A			
16711		XA123	40		XA123	78			168	9				SPA014	02	CL1040	01	2		TQ2	C1			19A			
16712		XA123	78		XA124	03			168	9				SPA014	03	CLUBZ0	01	2		TQ2	F4			38A			
16713		XA124	03		XA124	04			168	9				SPA014	04	CLM0G0	01	1		TQ2	A3			02A			
16714		XA124	04		XA124	08			168	9				SPA014	05	CLM0F0	01	1		TQ2	A2			04A			
16715		XA124	08		XA124	11			168	9				SPA014	06	CLM0E0	01	2		TQ2	A1			06A			
16716		XA124	11		XA124	17			168	9				SPA014	07	CLM0H0	01	1		TQ2	A4			05B			
16717		XA124	17		XA124	20			168	9				SPA014	08	CL0440	01	1		TQ2	B3			08B			
16718		XA124	20		XA130	63			168	9				SPA014	09	CL0240	01	1		TQ2	B2			11A			
16719		XA130	63		XA133	31			168	9				SPA014	10				RR1	G2							
16720		XA133	31						168	9				SPA014	11	CRUNCA	01	4		T04	C2			15B			
16721		XA124	26		XA125	18			168	9				SPA015	01	CL0040	01	1		TQ2	B1			14A			
16722		XA125	18		XA125	57			168	9				SPA015	02	CL024A	01	1		TT3	B2			10A			
16723		XA125	57		XA126	09			168	9				SPA015	03	CL124A	01	1		TT3	E3			30B			
16724		XA126	09		XA127	59			168	9				SPA015	04	CL014A	01	1		TT3	A3			04B			
16725		XA127	59		XA127	72			168	9				SPA015	05	CL1490	01	2		TT3	E3			31B			
16726		XA127	72		XA127	78			168	9				SPA015	06	CLCP2A	01	2		TT3	F2			34A			
16727		XA127	78		XA127	79			168	9				SPA015	07	CLCP3A	01	3		TT3	F3			38A			
16728		XA127	79		XA128	03			168	9				SPA015	08	CLCP1A	01	1		TT3	F1			39B			
16729		XA128	03		XA128	15			168	9				SPA015	09	CL0180	01	1		TDD	BQ			02A			
16730		XA128	15		XA130	64			168	9				SPA015	10	CL0580	01	1		TDD	AQ			07B			
16731		XA130	64						168	9				SPA015	11				RR1	F6							
16732		XA128	04		XA128	06			168	9				SPA016	01	CL018P	01	1		TDD	BP			04A			
16733		XA128	06		XA128	20			168	9				SPA016	02	CL008P	01	1		TDD	AP			05A			
16734		XA128	20		XA128	22			168	9				SPA016	03	CL038P	01	1		TDD	DP			11A			
16735		XA128	22		XA128	36			168	9				SPA016	04	CL028P	01	1		TDD	CP			12A			
16736		XA128	36		XA128	38			168	9				SPA016	05	CL058P	01	1		TDD	FP			17A			
16737		XA128	38		XA128	50			168	9				SPA016	06	CL048P	01	1		TDD	EP			18A			
16738		XA128	50		XA128	52			168	9				SPA016	07	CL078P	01	1		TDD	HP			23A			
									****		SIGNAL		SPA016		S ON THE		NEXT PAGE		****								

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RECORD NUMBER	FROM				TO				WIRE				SIGNAL	SEQ NO	EQUATION	TEST	FACTOR	CMT OR CHIP TYPE	GROUP	LOAD OR POWER PLANE	TEST POINTS		SIGNAL DESCRIPTION	ECO NO
	PREFIX	CONNECTOR	PIN	WIRE NO	PREFIX	CONNECTOR	PIN	WIRE NO	MULTI GROUP	COOR	COLOR	IDENT									SPEC INST	AND		
16739		XA128	52		XA128	64				168	9		SPA016	08	CL06BP	01	1	TDD	GP		24A			
16740		XA128	64		XA128	66				168	9		SPA016	09	CL09BP	01	1	TDD	KP		30A			
16741		XA128	66		XA130	65				168	9		SPA016	10	CL08BP	01	1	TDD	JP		31A			
16742		XA130	65							168	9		SPA016	11				RR1	G3					
16743		XA128	17		XA128	27				168	9		SPA017	01	CL03BQ	01	1	TDD	DQ		08B			
16744		XA128	27		XA128	29				168	9		SPA017	02	CL02BQ	01	1	TDD	CQ		13B			
16745		XA128	29		XA128	39				168	9		SPA017	03	CL05BQ	01	1	TDD	FQ		14B			
16746		XA128	39		XA128	41				168	9		SPA017	04	CL04BQ	01	1	TDD	EQ		19B			
16747		XA128	41		XA128	51				168	9		SPA017	05	CL07BQ	01	1	TDD	HQ		22B			
16748		XA128	51		XA128	53				168	9		SPA017	06	CL06BQ	01	1	TDD	GQ		27B			
16749		XA128	53		XA128	63				168	9		SPA017	07	CL09BQ	01	1	TDD	KQ		28B			
16750		XA128	63		XA128	65				168	9		SPA017	08	CL08BQ	01	1	TDD	JQ		33B			
16751		XA128	65		XA128	80				168	9		SPA017	09	CL11BQ	01	1	TDD	MQ		34B			
16752		XA128	80		XA130	66				168	9		SPA017	10	CL10BQ	01	1	TDD	LQ		39A			
16753		XA130	66							168	9		SPA017	11				RR1	G4					
16754		XA128	73		XA128	75				168	9		SPA018	01	CL11BP	01	1	TDD	MP		36B			
16755		XA128	75		XA129	20				168	9		SPA018	02	CL10BP	01	1	TDD	LP		37B			
16756		XA129	20		XA129	64				168	9		SPA018	03	CR03BP	01	1	TDD	DP		11A			
16757		XA129	64		XA129	66				168	9		SPA018	04	CL13BP	01	1	TDD	KP		30A			
16758		XA129	66		XA129	75				168	9		SPA018	05	CL12BP	01	1	TDD	JP		31A			
16759		XA129	75		XA130	71				168	9		SPA018	06	CL14BP	01	1	TDD	LP		37B			
16760		XA130	71		XA131	03				168	9		SPA018	07				RR1	H1					
16761		XA131	03		XA131	04				168	9		SPA018	08	CR01P0	01	1	TQ2	A3		02A			
16762		XA131	04		XA131	08				168	9		SPA018	09	CR01HA	01	1	TQ2	A2		04A			
16763		XA131	08		XA131	11				168	9		SPA018	10	CR00IA	01	2	TQ2	A1		06A			
16764		XA131	11							168	9		SPA018	11	CR01S0	01	1	TQ2	A4		05B			
16765		XA129	03		XA129	15				168	9		SPA019	01	CR01BQ	01	1	TDD	BQ		02A			
16766		XA129	15		XA129	27				168	9		SPA019	02	CR00BQ	01	1	TDD	AQ		07B			
16767		XA129	27		XA129	29				168	9		SPA019	03	CR02BQ	01	1	TDD	CQ		13B			
16768		XA129	29		XA129	39				168	9		SPA019	04	CR05BQ	01	1	TDD	FQ		14B			
16769		XA129	39		XA129	53				168	9		SPA019	05	CR04BQ	01	1	TDD	EQ		19B			
16770		XA129	53		XA129	63				168	9		SPA019	06	CL13BQ	01	1	TDD	KQ		28B			
16771		XA129	63		XA129	65				168	9		SPA019	07	CL12BQ	01	1	TDD	JQ		33B			
16772		XA129	65		XA129	80				168	9		SPA019	08	CRUNBQ	01	1	TDD	MQ		34B			
16773		XA129	80		XA130	72				168	9		SPA019	09	CL14BQ	01	1	TDD	LQ		39A			
16774		XA130	72		XA131	17				168	9		SPA019	10				RR1	G5					
16775		XA131	17							168	9		SPA019	11	CR02D0	01	1	TQ2	B3		08B			
16778		XA130	73		XA131	23				168	9		SPA020	01				RR1	H2				C92	
16780		XA131	23		XA131	42				168	9		SPA020	03	CR02E0	01	1	TQ2	B4		11B			
16781		XA131	42		XA131	65				168	9		SPA020	04	CR02SA	01	1	TQ2	C1		20A			
16782		XA131	65		XA131	68				168	9		SPA020	05	CR08M0	01	1	TQ2	F3		34B			
16783		XA131	68		XA131	73				168	9		SPA020	06	CRXRSA	01	2	TQ2	E1		32A			
16784		XA131	73		XA131	79				168	9		SPA020	07	CR08L0	01	1	TQ2	F2		36B			
16785		XA131	79		XA132	08				168	9		SPA020	08	CRCP0A	01	1	TQ2	F1		35B			
16786		XA132	08		XA132	09				168	9		SPA020	09	CR0090	01	2	TT3	A1		06A			
16787		XA132	09		XA212	52				168	9		SPA020	10	CR01RA	01	1	TT3	A3		04B			
										****	SIGNAL	SPA020											IS ON THE NEXT PAGE ****	

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RECORD NUMBER	FROM				TO				WIRE		SIGNAL	SFC NO	EQUATION	TURNS	FACTOR	CKT OR CHIP TYPE	GROUP	LOAD OR POWER PLANE	TEST POINTS AND OR	SIGNAL DESCRIPTION	SCO NO
	PREFIX	CONNECTOR	PIN	WIRE NO	PREFIX	CONNECTOR	PIN	WIRE NO	MULTI GROUP	CODE											
16788		XA12	52						168	9		SPA020	11	CS0B90	01	3	T04	D1		24A	
16789		XA124	76		XA132	24			168	9		SPA021	01		01	1	T02	F4		37A	
16790		XA132	24		XA132	45			168	9		SPA021	02		01	2	TT3	B1		13A	
16791		XA132	45		XA132	56			168	9		SPA021	03	CRUS5A	01	1	TT3	D3		24B	
16792		XA132	56		XA132	65			168	9		SPA021	04	CR0490	01	1	TT3	D1		26A	
16793		XA132	65		XA132	70			168	9		SPA021	05	CRUS90	01	3	TT3	F2		34B	
16794		XA132	70		XA133	30			168	9		SPA021	06	CRUS4A	01	1	TT3	E1		33A	
16795		XA133	30		XA133	43			168	9		SPA021	07	CRUNCA	01	3	T04	C2		15A	
16797		XA133	43		XA134	56			168	9		SPA021	09	CR03RA	01	4	T04	D2		23B	
16798		XA134	56		XA136	53			168	9		SPA021	10	CR0390	01	1	TS8	D1		26A	
16799		XA136	53						168	9		SPA021	11				RR1	F2			
16800		XA124	78		XA132	47			168	9		SPA022	01			01	2	TQ2	F4		38A
16801		XA132	47		XA132	71			168	9		SPA022	02	CRUS5A	01	2	TT3	D3		25B	
16802		XA132	71		XA133	46			168	9		SPA022	03	CRUS90	01	1	TT3	F2		36A	
16803		XA133	46		XA133	54			168	9		SPA022	04	CR03RA	01	3	T04	D2		21A	
16804		XA133	54		XA134	04			168	9		SPA022	05	CR03CA	01	2	T04	D1		25A	
16805		XA134	04		XA134	46			168	9		SPA022	06	CRUSJ0	01	4	TS8	A1		04A	
16806		XA134	46		XA136	54			168	9		SPA022	07	CR0390	01	6	TS8	D1		21A	
16807		XA136	54		XA134	73			168	9		SPA022	08				RR1	E6			
16808		XA134	73						168	9		SPA022	09	CR0190	01	4	TS8	F1		36B	
16809		XA202	01		XA106	38			168	9		SPA023	01			01	6	TS8	A1		02B
16810		XA106	38		XA133	52			168	9		SPA023	02	ES0Y90	01	3	T04	C1		18A	
16811		XA133	52		XA134	07			168	9		SPA023	03	CR03CA	01	3	T04	D1		24A	
16812		XA134	07		XA134	52			168	9		SPA023	04	CRUSJ0	01	7	TS8	A1		03A	
16813		XA134	52		XA136	55			168	9		SPA023	05	CR0390	01	3	TS8	D1		24A	
16814		XA136	55		XA122	08			168	9		SPA023	06				RR1	F3			
18415		XA122	08						168	9		SPA023	07			01	2	TT3	A1		06A
16815		XA134	10		XA134	54			168	9		SPA024	01	CRUSJ0	01	1	TS8	A1		07A	
16816		XA134	54		XA136	56			168	9		SPA024	02	CR0390	01	2	TS8	D1		25A	
16817		XA136	56		XA124	25			168	9		SPA024	03				RR1	F4			
18416		XA124	25		XA122	06			168	9		SPA024	04			01	2	TQ2	B4		12B
18405		XA122	06						168	9		SPA024	05			01	3	TT3	A1		05A
16818		XA202	04		XA202	50			168	9		SPA025	01			01	4	TS8	A1		04A
16819		XA202	50		XA203	54			168	9		SPA025	02	CSL4X0	01	4	TS8	D1		23A	
16820		XA203	54		XA204	43			168	9		SPA025	03	CSE4CA	01	2	TS8	D1		25A	
16821		XA204	43		XA204	49			168	9		SPA025	04	CSL4M0	01	2	TQ2	D3		23B	
16822		XA204	49		XA204	55			168	9		SPA025	05	CSL4TA	01	2	TQ2	D4		26B	
16823		XA204	55		XA204	61			168	9		SPA025	06	CSL4WA	01	2	TQ2	E3		29B	
16824		XA204	61		XA214	48			168	9		SPA025	07	CSL4XA	01	2	TQ2	E4		32B	
16825		XA214	48		XA219	78			168	9		SPA025	08				RR1	E4			
16826		XA219	78						168	9		SPA025	09	CT220A	01	8	TS8	F1		38A	
16827		XA202	52		XA204	64			168	9		SPA026	01	CSL4X0	01	3	TS8	D1		24A	
16828		XA204	64		XA204	78			168	9		SPA026	02	CSL4VA	01	1	TQ2	E2		30A	
16829		XA204	78		XA206	03			168	9		SPA026	03	CSRS1A	01	2	TQ2	F4		38A	
											****	SIGNAL	(SPA026)	IS ON THE NEXT PAGE						****	

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

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RECORD NUMBER	FROM				TO				MULTI GROUP	CODE	COLOR	DENT	SIGNAL	SEQ NO	EQUIPMENT	2 R TYP	ROR PLAN	CMT OR CHP TYPE	GROUP	LOAD CP POWER PLANE	TEST POINTS AND OR	SIGNAL DESCRIPTION	ECO NO
	PREFIX	CONNECTOR	PIN	WIRE NO	PREFIX	CONNECTOR	PIN	WIRE NO															
16830		XA206	03		XA206	11			168	9		SPA026	04	CSE0TA	01	1	TQ2	A3		02A			
16831		XA206	11		XA206	17			168	9		SPA026	05	CSE0JA	01	1	TQ2	A4		05B			
16832		XA206	17		XA206	24			168	9		SPA026	06	CSL1CA	01	1	TQ2	B3		08B			
16833		XA206	24		XA206	36			168	9		SPA026	07	CSE0VA	01	2	TQ2	B1		13A			
16834		XA206	36		XA207	61			168	9		SPA026	08	CSL4CA	01	1	TQ2	C2		17A			
16835		XA207	61		XA214	51			168	9		SPA026	09	CSL7CA	01	4	TD4	E1		32B			
16836		XA214	51		XA306	05			168	9		SPA026	10				RR1	F1					
16837		XA306	05						168	9		SPA026	11	CKM0E0	01	2	TQ2	A2		03B			
16838		XA206	41		XA206	42			168	9		SPA027	01	CSL6CA	01	1	TQ2	D3		22B			
16839		XA206	42		XA206	53			168	9		SPA027	02	CSL3M0	01	1	TQ2	C1		20A			
16840		XA206	53		XA206	64			168	9		SPA027	03	CSL2KA	01	1	TQ2	E3		28B			
16841		XA206	64		XA206	70			168	9		SPA027	04	CSL2CA	01	1	TQ2	E2		30A			
16842		XA206	70		XA207	07			168	9		SPA027	05	CSL1KA	01	1	TQ2	E1		33A			
16843		XA207	07		XA207	13			168	9		SPA027	06	CSE0JA	01	4	TD4	A2		03A			
16844		XA207	13		XA214	52			168	9		SPA027	07	CSE0HA	01	4	TD4	A1		06B			
16846		XA214	52						168	9		SPA027	09				RR1	E5					
16849		XA208	49		XA208	79			168	9		SPA028	03	CS0E90	01	8	TS8	D1		26B			
16851		XA208	79		XA209	13			168	9		SPA028	05	CS0L90	01	1	TS8	F1		35B			
16852		XA209	13		XA209	18			168	9		SPA028	06	CS0590	01	8	TS8	A1		06B			
16853		XA209	18		XA209	37			168	9		SPA028	07	CS0690	01	5	TS8	B1		10A			
16854		XA209	37		XA209	43			168	9		SPA028	08	CS0790	01	8	TS8	C1		18B			
16855		XA209	43		XA209	64			168	9		SPA028	09	CS1090	01	7	TS8	D1		23B			
16856		XA209	64		XA214	53			168	9		SPA028	10	CS1190	01	4	TS8	E1		30A			
16857		XA214	53						168	9		SPA028	11				RR1	F2					
16859		XA208	38		XA208	61			168	9		SPA029	02	CSE0V0	01	3	TS8	C1		18A			
16860		XA208	61		XA209	25			168	9		SPA029	03	CS0F90	01	8	TS8	E1		32B			
16861		XA209	25		XA209	42			168	9		SPA029	04	CS0690	01	8	TS8	B1		12B			
16862		XA209	42		XA209	46			168	9		SPA029	05	CS0790	01	1	TS8	C1		20A			
16863		XA209	46		XA210	07			168	9		SPA029	06	CS1090	01	6	TS8	D1		21A			
16864		XA210	07		XA214	54			168	9		SPA029	07	CS0090	01	7	TS8	A1		03A			
16865		XA214	54						168	9		SPA029	08				RR1	E6					
16866		XA209	48		XA209	78			168	9		SPA030	01	CS1090	01	5	TS8	D1		22A			
16867		XA209	78		XA210	20			168	9		SPA030	02	CS1290	01	8	TS8	F1		38A			
16868		XA210	20		XA210	61			168	9		SPA030	03	CS0190	01	4	TS8	B1		11A			
16869		XA210	61		XA210	75			168	9		SPA030	04	CS0490	01	8	TS8	E1		32B			
16870		XA210	75		XA211	17			168	9		SPA030	05	CS121A	01	3	TS8	F1		37B			
16871		XA211	17		XA211	20			168	9		SPA030	06	CS0EH0	01	1	TQ2	B3		08B			
16872		XA211	20		XA211	23			168	9		SPA030	07	CS0EE0	01	1	TQ2	B2		11A			
16873		XA211	23		XA211	24			168	9		SPA030	08	CS0EQ0	01	1	TQ2	B4		11B			
16874		XA211	24		XA214	55			168	9		SPA030	09	CS0ED0	01	2	TQ2	B1		13A			
16875		XA214	55						168	9		SPA030	10				RR1	F3					
16876		XA208	64		XA209	79			168	9		SPA031	01	CS0F90	01	4	TS8	E1		30A			
16877		XA209	79		XA210	79			168	9		SPA031	02	CS1290	01	1	TS8	F1		39B			
16878		XA210	79		XA211	31			168	9		SPA031	03	CS121A	01	1	TS8	F1		39B			
16879		XA211	31		XA211	34			168	9		SPA031	04	CS0LCO	01	2	TQ2	C3		15B			
									***		SIGNAL	(SPA031		S ON THE		NEXT PAGE	***						

DRAWING NUMBER 149011-800
UNIT ASSEMBLY NAME CARD CAGE ASSY,CPU R.H.

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RECORD NUMBER	FROM				TO				WIRE			SPEC. MULT. GROUP	SIGNAL	SFG NO	EQUATION	TERM	FACTOR	CUT OR CHIP TYPE	GROUP	LOAD OR POWER PLANE	TEST POINTS AND OR	SIGNAL DESCRIPTION	ECO NO			
	PREFIX	CONNECTOR	PIN	WIRE	PREFIX	CONNECTOR	PIN	WIRE	CODE	COLOR	IDENT															
16880		XA211	34		XA211	35			168	9		SPA031	05	CS0E50	01	2	TQ2	C2		16A						
16881		XA211	35		XA211	42			168	9		SPA031	06	CS0FC0	01	1	TQ2	C4		17B						
16882		XA211	42		XA211	43			168	9		SPA031	07	CS0ER0	01	1	TQ2	C1		20A						
16883		XA211	43		XA211	47			168	9		SPA031	08	CS02L0	01	2	TQ2	O3		23B						
16884		XA211	47		XA211	50			168	9		SPA031	09	CS03H0	01	1	TQ2	D4		25B						
16885		XA211	50		XA214	56			168	9		SPA031	10	CS01Q0	01	1	TQ2	O2		23A						
16886		XA214	56		XA330	49			168	9		SPA031	11				RR1	F4								
16887		XA330	49						168	9		SPA031	12				01	2	TLD	D4	26B					
16888		XA211	55		XA211	61			168	9		SPA032	01	CS06Q0	01	2	TQ2	E3		29B						
16889		XA211	61		XA211	64			168	9		SPA032	02	CS07Q0	01	2	TQ2	E4		32B						
16890		XA211	64		XA211	65			168	9		SPA032	03	CS05Q0	01	1	TQ2	E2		30A						
16891		XA211	65		XA211	70			168	9		SPA032	04	CS08H0	01	1	TQ2	F3		34B						
16892		XA211	70		XA211	71			168	9		SPA032	05	CS05P0	01	1	TQ2	E1		33A						
16893		XA211	71		XA211	78			168	9		SPA032	06	CS12Q0	01	2	TQ2	F2		36A						
16894		XA211	78		XA211	79			168	9		SPA032	07	CS08L0	01	2	TQ2	F4		38A						
16895		XA211	79		XA212	31			168	9		SPA032	08	CS11Q0	01	1	TQ2	F1		39B						
16896		XA212	31		XA212	37			168	9		SPA032	09	CS01A	01	4	T04	C2		15B						
16897		XA212	37		XA214	61			168	9		SPA032	10	CS11A	01	4	T04	C1		18B						
16898		XA214	61						168	9		SPA032	11				RR1	G1								
16899		XA212	56		XA213	04			168	9		SPA033	01	CS0890	01	1	T04	D1		26A						
16900		XA213	04		XA213	20			168	9		SPA033	02	CS01BP	01	1	T00	BP		04A						
16901		XA213	20		XA213	22			168	9		SPA033	03	CS03BP	01	1	T00	DP		11A						
16902		XA213	22		XA213	36			168	9		SPA033	04	CS02BP	01	1	T00	CP		12A						
16903		XA213	36		XA213	38			168	9		SPA033	05	CS05BP	01	1	T00	FP		17A						
16904		XA213	38		XA213	50			168	9		SPA033	06	CS04BP	01	1	T00	EP		18A						
16905		XA213	50		XA213	52			168	9		SPA033	07	CS07BP	01	1	T00	HP		23A						
16906		XA213	52		XA214	62			168	9		SPA033	08	CS06BP	01	1	T00	GP		24A						
16907		XA214	62		XA215	22			168	9		SPA033	09				RR1	F5								
16908		XA215	22		XA215	36			168	9		SPA033	10	CK00BP	01	1	T00	CP		12A						
16909		XA215	36						168	9		SPA033	11	CK03BP	01	1	T00	FP		17A						
16910		XA213	65		XA213	80			168	9		SPA034	01	CQEXBQ	01	1	T00	MQ		34B						
16911		XA213	80		XA214	63			168	9		SPA034	02	CS12BQ	01	1	T00	L0		39A						
16912		XA214	63		XA215	17			168	9		SPA034	03				RR1	G2								
16913		XA215	17		XA215	53			168	9		SPA034	04	CK01BQ	01	1	T00	OQ		08B						
16914		XA215	53		XA215	80			168	9		SPA034	05	CS0EBQ	01	1	T00	KQ		28B						
16915		XA215	80		XA216	07			168	9		SPA034	06	CS0FBQ	01	1	T00	LQ		39A						
16916		XA216	07		XA217	30			168	9		SPA034	07	CK023A	01	4	T04	A2		03A						
16917		XA217	30		XA217	35			168	9		SPA034	08	CK011A	01	2	TT3	C2		15A						
16918		XA217	35		XA217	38			168	9		SPA034	09	CK021A	01	2	TT3	C3		17B						
16919		XA217	38						168	9		SPA034	10	CK001A	01	3	TT3	C1		18A						
16920		XA214	64		XA215	38			168	9		SPA035	01				RR1	F6								
16921		XA215	38		XA215	50			168	9		SPA035	02	CK02BP	01	1	T00	EP		18A						
16922		XA215	50		XA215	52			168	9		SPA035	03	CK05BP	01	1	T00	HP		23A						
16923		XA215	52		XA217	41			168	9		SPA035	04	CK04BP	01	1	T00	GP		24A						
16924		XA217	41		XA217	49			168	9		SPA035	05	CK041A	01	3	TT3	D2		22B						
16925		XA217	49		XA217	56			168	9		SPA035	06	CK051A	01	3	TT3	D3		26B						
												****	SIGNAL	(SPA035	S ON THE NEXT PAGE ****											

DRAWING NUMBER 149011-800
UNIT ASSEMBLY NAME CARD CAGE ASSY,CPU R.H.

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RECORD NUMBER	FROM				TO				WIRE	SIGNAL	SEQ NO	EQUATION	TIME	FACTOR	CMT OR CHIP TYPE	GROUP	LOAD OR POWER PLANE	TEST POINTS AND OP	SIGNAL DESCRIPTION	ECO NO	
	PREFIX	CONNECTOR	PIN	WIRE	PREFIX	CONNECTOR	PIN	WIRE													
16926		XA217	56		XA217	60		168 9	SPA035	07	CK031A	01	1	TT3	O1		24A				
16927		XA217	60		XA217	68		168 9	SPA035	08	CS0L5A	01	2	TT3	E2		24A				
16928		XA217	68		XA217	77		168 9	SPA035	09	CK05Q0	01	2	TT3	E1		32A				
16929		XA217	77		XA218	01		168 9	SPA035	10	CS101A	01	2	TT3	F1		38B				
16930		XA218	01					168 9	SPA035	11	CK003A	01	6	TS8	A1		02B				
16931		XA214	65		XA217	62		168 9	SPA036	01				RR1	G3						
16932		XA217	62		XA217	70		168 9	SPA036	02	CS0L5A	01	1	TT3	E2		29A				
16933		XA217	70		XA218	05		168 9	SPA036	03	CK05Q0	01	1	TT3	E1		33A				
16934		XA218	05		XA218	20		168 9	SPA036	04	CK003A	01	5	TS8	A1		03B				
16935		XA218	20		XA218	30		168 9	SPA036	05	CK014A	01	4	TS8	B1		11A				
16936		XA218	30		XA218	49		168 9	SPA036	06	CK024A	01	6	TS8	C1		15A				
16937		XA218	49		XA218	66		168 9	SPA036	07	CK034A	01	8	TS8	D1		20B				
16938		XA218	66		XA219	01		168 9	SPA036	08	CK0490	01	3	TS8	E1		31A				
16940		XA219	01		XA219	14		168 9	SPA036	10	CKE1DA	01	6	TS8	A1		02B				
16941		XA219	14					168 9	SPA036	11	CKZPCA	01	6	TS8	B1		09A				
16942		XA214	66		XA218	07		168 9	SPA037	01				RR1	G4						
16943		XA218	07		XA218	42		168 9	SPA037	02	CK003A	01	7	TS8	A1		03A				
16944		XA218	42		XA218	54		168 9	SPA037	03	CK024A	01	1	TS8	C1		20A				
16945		XA218	54		XA218	68		168 9	SPA037	04	CK034A	01	2	TS8	O1		25A				
16946		XA218	68		XA218	72		168 9	SPA037	05	CK0490	01	2	TS8	E1		32A				
16947		XA218	72		XA219	18		168 9	SPA037	06	CS0E1A	01	6	TS8	F1		34A				
16948		XA219	18		XA219	30		168 9	SPA037	07	CKZPCA	01	5	TS8	B1		10A				
16949		XA219	30		XA219	49		168 9	SPA037	08	CKZRDA	01	6	TS8	C1		15A				
16950		XA219	49		XA219	60		168 9	SPA037	09	CKZRKA	01	8	TS8	D1		20B				
16951		XA219	60		XA220	41		168 9	SPA037	10	CKZUCA	01	6	TS8	E1		28A				
16952		XA220	41					168 9	SPA037	11	CK01P0	01	1	TQ2	D3		22B				
16953		XA214	71		XA218	56		168 9	SPA038	01				RR1	H1						
16954		XA218	56		XA218	70		168 9	SPA038	02	CK034A	01	1	TS8	O1		24A				
16955		XA218	70		XA218	73		168 9	SPA038	03	CK0490	01	1	TS8	E1		33A				
16956		XA218	73		XA219	38		168 9	SPA038	04	CS0E1A	01	4	TS8	F1		36B				
16957		XA219	38		XA219	50		168 9	SPA038	05	CKZRDA	01	3	TS8	C1		18A				
16958		XA219	50		XA219	62		168 9	SPA038	06	CKZRKA	01	4	TS8	O1		23A				
16959		XA219	62		XA220	48		168 9	SPA038	07	CKZUCA	01	5	TS8	E1		29A				
16960		XA220	48		XA220	61		168 9	SPA038	08	CK00P0	01	2	TQ2	D2		22A				
16961		XA220	61		XA220	70		168 9	SPA038	09	CK043A	01	2	TQ2	E4		32B				
16962		XA220	70		XA220	76		168 9	SPA038	10	CK03P0	01	1	TQ2	E1		33A				
16963		XA220	76					168 9	SPA038	11	CKDBT0	01	1	TQ2	F4		37A				
16964		XA214	72		XA220	79		168 9	SPA039	01				RR1	G5						
16965		XA220	79		XA221	72		168 9	SPA039	02	CK05P0	01	1	TQ2	F1		39B				
16966		XA221	72		XA221	76		168 9	SPA039	03	CKRST0	01	2	TT3	F2		34A				
16967		XA221	76		XA222	03		168 9	SPA039	04	CKZ1CA	01	2	TT3	F3		37A				
16968		XA222	03		XA222	05		168 9	SPA039	05	CKZRCA	01	1	TQ2	A3		02A				
16969		XA222	05		XA222	17		168 9	SPA039	06	CKRSTA	01	2	TQ2	A2		03B				
16970		XA222	17		XA222	20		168 9	SPA039	07	CK02P0	01	1	TQ2	B3		08B				
16971		XA222	20		XA222	31		168 9	SPA039	08	CK04P0	01	1	TQ2	B2		11A				
16972		XA222	31		XA222	36		168 9	SPA039	09	CD02C0	01	2	TQ2	C3		15B				
										****	SIGNAL	SPA039	S ON THE NEXT PAGE				****				

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 UNIT ASSEMBLY NAME CARD CAGE ASSY, CPU R.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	MULTI GROUP	CODE	COLOR	IDENT											
17018		XA130	75		XA225	68		168	9			SPA044	01			RR1	H3				
17019		XA225	68		XA225	73		168	9			SPA044	02	CG5SC0	01	2	TQ2	E1	32A		
17020		XA225	73		XA225	74		168	9			SPA044	03	CG65C0	01	1	TQ2	F2	36B		
17021		XA225	74		XA225	76		168	9			SPA044	04	CG67C0	01	2	TQ2	F3	35B		
17022		XA225	76		XA225	79		168	9			SPA044	05	CG7SC0	01	1	TQ2	F4	37A		
17023		XA225	79		XA226	03		168	9			SPA044	06	CG64C0	01	1	TQ2	F1	39B		
17024		XA226	03		XA226	05		168	9			SPA044	07	CE04M0	01	1	TQ2	A3	02A		
17025		XA226	05		XA226	10		168	9			SPA044	08	CE04C0	01	2	TQ2	A2	03B		
17026		XA226	10		XA226	17		168	9			SPA044	09	CE04A0	01	1	TQ2	A1	07A		
17027		XA226	17		XA226	20		168	9			SPA044	10	CE05G0	01	1	TQ2	B3	08B		
17028		XA226	20					168	9			SPA044	11	CE05C0	01	1	TQ2	B2	11A		
17029		XA130	76		XA226	23		168	9			SPA045	01			RR1	H4				
17030		XA226	23		XA226	26		168	9			SPA045	02	CE05M0	01	1	TQ2	B4	11B		
17031		XA226	26		XA226	29		168	9			SPA045	03	CE05A0	01	1	TQ2	B1	14A		
17032		XA226	29		XA226	34		168	9			SPA045	04	CE06D0	01	1	TQ2	C3	14B		
17033		XA226	34		XA226	35		168	9			SPA045	05	CE06C0	01	2	TQ2	C2	16A		
17034		XA226	35		XA226	41		168	9			SPA045	06	CE07C0	01	1	TQ2	C4	17B		
17035		XA226	41		XA226	42		168	9			SPA045	07	CE10D0	01	1	TQ2	D3	22B		
17036		XA226	42		XA226	49		168	9			SPA045	08	CE06A0	01	1	TQ2	C1	20A		
17037		XA226	49		XA226	50		168	9			SPA045	09	CE11C0	01	2	TQ2	D4	26B		
17038		XA226	50		XA226	55		168	9			SPA045	10	CE10C0	01	1	TQ2	D2	23A		
17039		XA226	55					168	9			SPA045	11	CE13C0	01	2	TQ2	E3	29B		
17040		XA130	77		XA226	56		168	9			SPA046	01			RR1	H5				
17041		XA226	56		XA226	61		168	9			SPA046	02	CE07D0	01	1	TQ2	D1	26A		
17042		XA226	61		XA226	64		168	9			SPA046	03	CE14C0	01	2	TQ2	E4	32B		
17043		XA226	64		XA226	65		168	9			SPA046	04	CE12C0	01	1	TQ2	E2	30A		
17044		XA226	65		XA226	70		168	9			SPA046	05	CE17C0	01	1	TQ2	F3	34B		
17045		XA226	70		XA226	73		168	9			SPA046	06	C000C0	01	1	TQ2	E1	33A		
17046		XA226	73		XA226	79		168	9			SPA046	07	CE16C0	01	1	TQ2	F2	36B		
17047		XA226	79		XA227	03		168	9			SPA046	08	CE15C0	01	1	TQ2	F1	39B		
17048		XA227	03		XA227	05		168	9			SPA046	09	CE00G0	01	1	TQ2	A3	02A		
17049		XA227	05		XA227	10		168	9			SPA046	10	CE00C0	01	2	TQ2	A2	03B		
17050		XA227	10					168	9			SPA046	11	CE00A0	01	1	TQ2	A1	07A		
17051		XA130	78		XA227	17		168	9			SPA047	01			RR1	H6				
17052		XA227	17		XA227	20		168	9			SPA047	02	CE01D0	01	1	TQ2	B3	08B		
17053		XA227	20		XA227	23		168	9			SPA047	03	CE01C0	01	1	TQ2	B2	11A		
17054		XA227	23		XA227	24		168	9			SPA047	04	CE01G0	01	1	TQ2	B4	11B		
17055		XA227	24		XA227	31		168	9			SPA047	05	CE01A0	01	2	TQ2	B1	13A		
17056		XA227	31		XA227	35		168	9			SPA047	06	CE01P0	01	2	TQ2	C3	15B		
17057		XA227	35		XA227	36		168	9			SPA047	07	CE02A0	01	1	TQ2	C4	17B		
17058		XA227	36		XA227	41		168	9			SPA047	08	CE01M0	01	1	TQ2	C2	17A		
17059		XA227	41		XA227	42		168	9			SPA047	09	CE02G0	01	1	TQ2	D3	22B		
17060		XA227	42		XA227	47		168	9			SPA047	10	CE02C0	01	1	TQ2	C1	20A		
17061		XA227	47					168	9			SPA047	11	CE02H0	01	1	TQ2	D4	25B		
17062		XA136	61		XA227	50		168	9			SPA048	01			RR1	G1				
17063		XA227	50		XA227	53		168	9			SPA048	02	CE02F0	01	1	TQ2	O2	23A		
								****		SIGNAL	SPA048		IS ON THE		NEXT PAGE	****					

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RECORD NUMBER	FROM				TO				WIRE				SIGNAL	SEQ NO	EQUATION	T	S	CKT OR CHIP TYPE	GROUP	LOAD OR POWER PLANE	TEST POINTS AND OR	SIGNAL DESCRIPTION	ECO NO
	PREFIX	CONNECTOR	PIN	3	PREFIX	CONNECTOR	PIN	3	MULTI GROUP	CODE	COLOR	IDENT											
17064		XA227	53		XA227	54			168	9			SPA048	03	CE03A0	01	1	TQ2	E3		288		
17065		XA227	54		XA227	61			168	9			SPA048	04	CE02D0	01	2	TQ2	D1		25A		
17066		XA227	61		XA227	62			168	9			SPA048	05	CE03C0	01	2	TQ2	E4		32B		
17067		XA227	62		XA227	70			168	9			SPA048	06	CE02P0	01	2	TQ2	E2		29A		
17068		XA227	70		XA227	73			168	9			SPA048	07	CE02M0	01	1	TQ2	E1		33A		
17069		XA227	73		XA227	74			168	9			SPA048	08	CE03G0	01	1	TQ2	F2		36B		
17070		XA227	74		XA227	76			168	9			SPA048	09	CE03M0	01	2	TQ2	F3		35B		
17071		XA227	76		XA227	79			168	9			SPA048	10	CE03P0	01	1	TQ2	F4		37A		
17072		XA227	79						168	9			SPA048	11	CE03F0	01	1	TQ2	F1		39B		
17073		XA136	62		XA229	17			168	9			SPA049	01				RR1	F5				
17074		XA229	17		XA229	18			168	9			SPA049	02	C238CA	01	1	TQ2	B3		08B		
17075		XA229	18		XA229	26			168	9			SPA049	03	CQ2CA	01	2	TQ2	B2		10A		
17076		XA229	26		XA229	29			168	9			SPA049	04	CQ00CA	01	1	TQ2	B1		14A		
17077		XA229	29		XA229	41			168	9			SPA049	05	CQ03CA	01	1	TQ2	C3		14B		
17078		XA229	41		XA229	47			168	9			SPA049	06	CQ05C0	01	1	TQ2	D3		22B		
17079		XA229	47		XA229	48			168	9			SPA049	07	CQ06CA	01	1	TQ2	D4		25B		
17080		XA229	48		XA229	53			168	9			SPA049	08	CQ04C0	01	2	TQ2	D2		22A		
17081		XA229	53		XA229	54			168	9			SPA049	09	CQ08C0	01	1	TQ2	E3		28B		
17082		XA229	54		XA229	59			168	9			SPA049	10	CQ03D0	01	2	TQ2	D1		25A		
17083		XA229	59						168	9			SPA049	11	CQ09C0	01	1	TQ2	E4		31B		
17084		XA136	63		XA229	64			168	9			SPA050	01				RR1	G2				
17085		XA229	64		XA229	78			168	9			SPA050	02	CQ07CA	01	1	TQ2	E2		30A		
17086		XA229	78		XA230	18			168	9			SPA050	03	CQ05CA	01	2	TQ2	F4		38A		
17087		XA230	18		XA230	74			168	9			SPA050	04	CQ07C0	01	2	TQ4	B2		10A		
17088		XA230	74		XA230	79			168	9			SPA050	05	CQ05C0	01	4	TQ4	F2		35B		
17089		XA230	79		XA231	05			168	9			SPA050	06	CQ04C0	01	1	TQ4	F1		39B		
17090		XA231	05		XA231	37			168	9			SPA050	07	C237R0	01	5	TS8	A1		03B		
17091		XA231	37		XA231	46			168	9			SPA050	08	C239C0	01	8	TS8	C1		18B		
17092		XA231	46		XA231	55			168	9			SPA050	09	C239G0	01	6	TS8	D1		21A		
17093		XA231	55						168	9			SPA050	10	CQ0ALTA	01	7	TS8	E1		29B		
17095		XA136	64		XA231	19			168	9			SPA051	01				RR1	F6				
17096		XA231	19		XA231	40			168	9			SPA051	02	C238C0	01	7	TS8	B1		09B		
17097		XA231	40		XA231	48			168	9			SPA051	03	C239C0	01	2	TS8	C1		19A		
17098		XA231	48		XA231	62			168	9			SPA051	04	C239G0	01	5	TS8	D1		22A		
17099		XA231	62		XA231	73			168	9			SPA051	05	CQ0ALTA	01	5	TS8	E1		29A		
17100		XA231	73		XA232	11			168	9			SPA051	06	C232F0	01	4	TS8	F1		36B		
17101		XA232	11		XA232	17			168	9			SPA051	07	C241CA	01	1	TQ2	A4		05B		
17102		XA232	17		XA232	23			168	9			SPA051	08	CQ00C0	01	1	TQ2	B3		08B		
17103		XA232	23		XA232	35			168	9			SPA051	09	CQ02C0	01	1	TQ2	B4		11B		
17104		XA232	35		XA232	36			168	9			SPA051	10	CQ03C0	01	1	TQ2	C4		17A		
17105		XA232	36						168	9			SPA051	11	CQ02D0	01	1	TQ2	C2		17A		
17106		XA136	65		XA231	25			168	9			SPA052	01				RR1	G3				
17107		XA231	25		XA231	49			168	9			SPA052	02	C238C0	01	8	TS8	B1		12B		
17108		XA231	49		XA231	64			168	9			SPA052	03	C239G0	01	8	TS8	D1		26B		
17109		XA231	64		XA232	41			168	9			SPA052	04	CQ0ALTA	01	4	TS8	E1		30A		
17110		XA232	41		XA232	65			168	9			SPA052	05	C236CA	01	1	TQ2	D3		22B		
									****		SIGNAL	(SPA052)			S ON THE			NEXT PAGE	****				

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RECORD NUMBER	FROM			TO			WIRE			SIGNAL	SEQ NO	EQUATION	X	Y	Z	CMT OR CHIP TYPE	GROUP	LOAD OR POWER PLANE	TEST POINTS AND OP	SIGNAL DESCRIPTION	ECO NO
	PREFIX	CONNECTOR	PIN	PREFIX	CONNECTOR	PIN	MULTI GROUP	CODE	COLOR												
17111		XA232	65		XA233	07			168	9		SPA052	06	C233CA	01	1	TQ2	F3		34B	
17112		XA233	07		XA233	36			168	9		SPA052	07	C237K0	01	7	TS8	A1		03A	
17113		XA233	36		XA233	73			168	9		SPA052	08	C236LA	01	4	TS8	C1		17A	
17114		XA233	73		XA234	07			168	9		SPA052	09	C233C0	01	4	TS8	F1		36B	
17115		XA234	07						168	9		SPA052	10	C239CA	01	2	TQ2	A3		03A	
17116		XA136	66		XA231	66			168	9		SPA053	01				RR1	G4			
17117		XA231	66		XA233	20			168	9		SPA053	02	CQALTA	01	3	TS8	E1		31A	
17118		XA233	20		XA233	37			168	9		SPA053	03	C237C0	01	4	TS8	B1		11A	
17119		XA233	37		XA233	75			168	9		SPA053	04	C236LA	01	8	TS8	C1		18B	
17120		XA233	75		XA234	26			168	9		SPA053	05	C233C0	01	3	TS8	F1		37B	
17121		XA234	26		XA234	53			168	9		SPA053	06	C237CA	01	1	TQ2	B1		14A	
17122		XA234	53		XA234	61			168	9		SPA053	07	C233KA	01	1	TQ2	E3		28B	
17123		XA234	61		XA234	64			168	9		SPA053	08	C234CA	01	2	TQ2	E4		32B	
17124		XA234	64		XA234	68			168	9		SPA053	09	C233JA	01	1	TQ2	E2		30A	
17125		XA234	68		XA234	76			168	9		SPA053	10	C232HA	01	2	TQ2	E1		32A	
17126		XA234	76						168	9		SPA053	11	C232GA	01	1	TQ2	F4		37A	
17127		XA136	71		XA233	42			168	9		SPA054	01				RR1	H1			
17128		XA233	42		XA234	79			168	9		SPA054	02	C236LA	01	1	TS8	C1		20A	
17129		XA234	79		XA235	01			168	9		SPA054	03	C232CA	01	1	TQ2	F1		39B	
17130		XA235	01		XA235	18			168	9		SPA054	04	C219C0	01	6	TS8	A1		02B	
17132		XA235	18		XA235	30			168	9		SPA054	06	C220DA	01	5	TS8	B1		10A	
17133		XA235	30		XA235	55			168	9		SPA054	07	C224C0	01	6	TS8	C1		15A	
17134		XA235	55		XA235	71			168	9		SPA054	08	C228CA	01	7	TS8	E1		29B	
17135		XA235	71						168	9		SPA054	09	CQALX0	01	5	TS8	F1		36A	
17136		XA136	72		XA235	07			168	9		SPA055	01				RR1	G5			
17137		XA235	07		XA235	19			168	9		SPA055	02	C219C0	01	7	TS8	A1		03A	
17138		XA235	19		XA235	31			168	9		SPA055	03	C220DA	01	7	TS8	B1		09B	
17139		XA235	31		XA235	46			168	9		SPA055	04	C224C0	01	7	TS8	C1		15B	
17140		XA235	46		XA235	62			168	9		SPA055	05	C226C0	01	6	TS8	D1		21A	
17141		XA235	62		XA235	73			168	9		SPA055	06	C228CA	01	5	TS8	E1		29A	
17142		XA235	73		XA236	03			168	9		SPA055	07	CQALX0	01	4	TS8	F1		36B	
17143		XA236	03		XA236	05			168	9		SPA055	08	C214QA	01	1	TQ2	A3		02A	
17144		XA236	05		XA236	23			168	9		SPA055	09	C214PA	01	2	TQ2	A2		03B	
17145		XA236	23		XA236	26			168	9		SPA055	10	C220CA	01	1	TQ2	B4		11B	
17146		XA236	26						168	9		SPA055	11	C219CA	01	1	TQ2	B1		14A	
17147		XA136	73		XA235	34			168	9		SPA056	01				RR1	H2			
17148		XA235	34		XA235	75			168	9		SPA056	02	C224C0	01	5	TS8	C1		16A	
17149		XA235	75		XA236	48			168	9		SPA056	03	CQALX0	01	3	TS8	F1		37B	
17150		XA236	48		XA236	64			168	9		SPA056	04	C226CA	01	2	TQ2	D2		22A	
17151		XA236	64		XA236	77			168	9		SPA056	05	C226MA	01	1	TQ2	E2		30A	
17152		XA236	77		XA237	14			168	9		SPA056	06	C229EA	01	2	TQ2	F1		38B	
17153		XA237	14		XA237	31			168	9		SPA056	07	C214Q0	01	6	TS8	B1		09A	
17154		XA237	31		XA237	56			168	9		SPA056	08	C220E0	01	7	TS8	C1		15B	
17155		XA237	56		XA237	61			168	9		SPA056	09	C224H0	01	1	TS8	D1		26A	
17156		XA237	61		XA237	78			168	9		SPA056	10	C226L0	01	8	TS8	E1		32B	
17157		XA237	78						168	9		SPA056	11	C229CA	01	8	TS8	F1		38A	

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RECORD NUMBER	FROM				TO				WIRE		SIGNAL	SEQ NO	EQUATION	TEST FACTOR	CRT OR CHIP TYPE	GROUP	LOAD OR POWER PLANE	TEST POINTS AND OR	SIGNAL DESCRIPTION	ECO NO
	PREFIX	CONNECTOR	PIN	C #	PREFIX	CONNECTOR	PIN	C #	MULTI GROUP	COLOR										
17249		XA247	52		XA247	68			168	9	SPA067	01	CMB190	01	3	TS8	D1	24A		
17250		XA247	68		XA334	54			168	9	SPA067	02	CMB290	01	2	TS8	E1	32A		
17251		XA334	54						168	9	SPA067	03				RR1	E6			
17252		XA247	54		XA247	70			168	9	SPA068	01	CMB190	01	2	TS8	D1	25A		
17253		XA247	70		XA334	55			168	9	SPA068	02	CMB290	01	1	TS8	E1	33A		
17254		XA334	55						168	9	SPA068	03				RR1	F3			
17255		XA301	01		XA301	14			168	9	SPA069	01	CQC060	01	6	TS8	A1	02B		
17256		XA301	14		XA301	61			168	9	SPA069	02	C612E0	01	6	TS8	B1	09A		
17257		XA301	61		XA301	74			168	9	SPA069	03	C612LA	01	8	TS8	E1	32B		
17258		XA301	74		XA302	05			168	9	SPA069	04	C308JO	01	7	TS8	F1	35B		
17259		XA302	05		XA302	18			168	9	SPA069	05	C601CA	01	2	TQ2	A2	03B		
17260		XA302	18		XA302	29			168	9	SPA069	06	C603CA	01	2	TQ2	B2	10A		
17261		XA302	29		XA302	34			168	9	SPA069	07	C606CA	01	1	TQ2	C3	14B		
17262		XA302	34		XA302	37			168	9	SPA069	08	C605CA	01	2	TQ2	C2	16A		
17263		XA302	37		XA302	41			168	9	SPA069	09	C607CA	01	2	TQ2	C4	18B		
17264		XA302	41		XA413	52			168	9	SPA069	10	C608EA	01	1	TQ2	D3	22B		
17265		XA413	52						168	9	SPA069	11				RR1	E5			
17268		XA301	05		XA301	19			168	9	SPA070	01	CQC060	01	5	TS8	A1	03B		
17269		XA301	19		XA301	64			168	9	SPA070	02	C612E0	01	7	TS8	B1	09B		
17270		XA301	64		XA301	78			168	9	SPA070	03	C612LA	01	4	TS8	E1	30A		
17271		XA301	78		XA302	40			168	9	SPA070	04	C308JO	01	8	TS8	F1	38A		
17272		XA302	40		XA302	54			168	9	SPA070	05	C604CA	01	2	TQ2	C1	19A		
17273		XA302	54		XA302	61			168	9	SPA070	06	C608CA	01	2	TQ2	D1	25A		
17274		XA302	61		XA302	64			168	9	SPA070	07	C612KA	01	2	TQ2	E4	32B		
17275		XA302	64		XA302	71			168	9	SPA070	08	C612GA	01	1	TQ2	E2	30A		
17276		XA302	71		XA304	19			168	9	SPA070	09	C612KA	01	2	TQ2	F2	36A		
17277		XA304	19		XA413	53			168	9	SPA070	10	CQC150	01	7	TS8	B1	09B		
17278		XA413	53						168	9	SPA070	11				RR1	F2			
17279		XA202	70		XA301	07			168	9	SPA071	01	CLC4E0	01	1	TS8	E1	33A		
17280		XA301	07		XA304	22			168	9	SPA071	02	CQC060	01	7	TS8	A1	03A		
17281		XA304	22		XA304	31			168	9	SPA071	03	CQC150	01	3	TS8	B1	12A		
17282		XA304	31		XA304	64			168	9	SPA071	04	CQP080	01	7	TS8	C1	15B		
17283		XA304	64		XA305	03			168	9	SPA071	05	CQP060	01	4	TS8	E1	30A		
17284		XA305	03		XA305	10			168	9	SPA071	06	CQC030	01	1	TQ2	A3	02A		
17285		XA305	10		XA305	31			168	9	SPA071	07	CQCNCA	01	1	TQ2	A1	07A		
17286		XA305	31		XA305	41			168	9	SPA071	08	C603GO	01	2	TQ2	C3	15B		
17287		XA305	41		XA413	54			168	9	SPA071	09	C612HA	01	1	TQ2	D3	22B		
17288		XA413	54						168	9	SPA071	11				RR1	E6			
17289		XA202	05		XA304	25			168	9	SPA072	01				01	5	TS8	A1	03B
17290		XA304	25		XA304	34			168	9	SPA072	02	CQC150	01	8	TS8	B1	12B		
17291		XA304	34		XA305	42			168	9	SPA072	03	CQP080	01	5	TS8	C1	16A		
17292		XA305	42		XA305	54			168	9	SPA072	04	C601GO	01	1	TQ2	C1	20A		
17293		XA305	54		XA305	70			168	9	SPA072	05	CQP08A	01	2	TQ2	D1	25A		
17294		XA305	70		XA305	73			168	9	SPA072	06	C611CA	01	1	TQ2	E1	33A		
17295		XA305	73		XA305	79			168	9	SPA072	07	CQPQSA	01	1	TQ2	F2	36B		
											****	SIGNAL		SPA072	IS ON THE NEXT PAGE				****	

DRAWING NUMBER 149011-800
 UNIT ASSEMBLY NAME CARD CAGE ASSY, CPU R.H.

STRING

UNIT ASSEMBLY NO. 149011
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RECORD NUMBER	FROM				TO				WIRE				SIGNAL	SEQ NO	EQUATION	Y	Z	R	CKT OR CHIP TYPE	PROP	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												
17296		XA305	79		XA306	48				16B	9		SPA072	08	CQPMDA	01	1	TQ2	F1		39B			
17297		XA306	48		XA306	49				16B	9		SPA072	09	C356F0	01	2	TQ2	D2			22A		
17298		XA306	49		XA413	55				16B	9		SPA072	10	C358CA	01	2	TQ2	D4			26B		
17299		XA413	55							16B	9		SPA072	11				RR1	F3					
17300		XA202	06		XA305	61				16B	9		SPA073	01		01	3	TS8	A1			05A		
01972		XA305	61		XA306	70				16B	9		SPA073	02	CTRLXA	01	2	TQ2	E4			32B		
17301		XA306	70		XA306	78				16B	9		SPA073	03	C359CA	01	1	TQ2	E1			33A		
17302		XA306	78		XA307	55				16B	9		SPA073	04	C612U0	01	2	TQ2	F4			38A		
10509		XA307	55		XA307	71				16B	9		SPA073	05	C611C0	01	4	TD4	E2			29B		
17303		XA307	71		XA308	04				16B	9		SPA073	06	C614DA	01	2	TD4	F2			36A		
17304		XA308	04		XA308	25				16B	9		SPA073	07	C349CA	01	1	TQ2	A2			04A		
17305		XA308	25		XA308	34				16B	9		SPA073	08	C353CA	01	2	TQ2	B4			12B		
17306		XA308	34		XA308	55				16B	9		SPA073	09	CQP110	01	2	TQ2	C2			16A		
17307		XA308	55		XA413	56				16B	9		SPA073	10	C359C0	01	2	TQ2	E3			29B		
17308		XA413	56							16B	9		SPA073	11				RR1	F4					
17309		XA308	50		XA308	56				16B	9		SPA074	01	C355F0	01	1	TQ2	D2			23A		
17310		XA308	56		XA308	73				16B	9		SPA074	02	C354F0	01	1	TQ2	D1			26A		
17311		XA308	73		XA309	04				16B	9		SPA074	03	CQEXQ0	01	1	TQ2	F2			36B		
17312		XA309	04		XA309	19				16B	9		SPA074	04	C344C0	01	4	TS8	A1			04A		
17313		XA309	19		XA309	34				16B	9		SPA074	05	C343C0	01	7	TS8	B1			09B		
17314		XA309	34		XA309	50				16B	9		SPA074	06	C337CA	01	5	TS8	C1			16A		
17315		XA309	50		XA309	64				16B	9		SPA074	07	C336HA	01	4	TS8	D1			23A		
17316		XA309	64		XA309	75				16B	9		SPA074	08	C336G0	01	4	TS8	E1			30A		
17317		XA309	75		XA311	36				16B	9		SPA074	09	C310G0	01	3	TS8	F1			37B		
17318		XA311	36		XA413	61				16B	9		SPA074	10	C344CA	01	1	TQ2	C2			17A		
17319		XA413	61							16B	9		SPA074	11				RR1	G1					
17320		XA309	05		XA309	20				16B	9		SPA075	01	C344C0	01	5	TS8	A1			03B		
17321		XA309	20		XA309	36				16B	9		SPA075	02	C343C0	01	4	TS8	B1			11A		
17322		XA309	36		XA309	52				16B	9		SPA075	03	C337CA	01	4	TS8	C1			17A		
17323		XA309	52		XA309	66				16B	9		SPA075	04	C336HA	01	3	TS8	D1			24A		
17324		XA309	66		XA309	77				16B	9		SPA075	05	C336G0	01	3	TS8	E1			31A		
17325		XA309	77		XA311	42				16B	9		SPA075	06	C310G0	01	2	TS8	F1			38B		
17326		XA311	42		XA311	56				16B	9		SPA075	07	C343J0	01	1	TQ2	C1			20A		
17327		XA311	56		XA311	62				16B	9		SPA075	08	C343CA	01	1	TQ2	D1			26A		
17328		XA311	62		XA312	01				16B	9		SPA075	09	C335CA	01	2	TQ2	E2			29A		
17329		XA312	01		XA413	62				16B	9		SPA075	10	C345FA	01	3	TD4	A2			02B		
17330		XA413	62							16B	9		SPA075	11				RR1	F5					
17331		XA309	06		XA309	37				16B	9		SPA076	01	C344C0	01	3	TS8	A1			05A		
17332		XA309	37		XA309	54				16B	9		SPA076	02	C337CA	01	8	TS8	C1			18B		
17333		XA309	54		XA309	78				16B	9		SPA076	03	C336HA	01	2	TS8	D1			25A		
17334		XA309	78		XA313	01				16B	9		SPA076	04	C310G0	01	8	TS8	F1			38A		
17336		XA313	01		XA313	55				16B	9		SPA076	05	C306H0	01	6	TS8	A1			02B		
17337		XA313	55		XA312	75				16B	9		SPA076	06	C308K0	01	7	TS8	E1			29B		
17335		XA312	75		XA314	35				16B	9		SPA076	08	C310J0	01	3	TD4	F1			37B		
17339		XA314	35		XA314	47				16B	9		SPA076	09	C345CA	01	1	TQ2	C4			17B		
17340		XA314	47		XA413	63				16B	9		SPA076	10	C342CA	01	1	TQ2	D4			25B		
													****	SIGNAL	(SPA076)			IS ON THE	NEXT PAGE	****				

DRAWING NUMBER 149011-800
 UNIT ASSEMBLY NAME CARD CAGE ASSY, CPU R.H.

STRING

UNIT ASSEMBLY NO 149011
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RECORD NUMBER	FROM				TO				WIRE	MULTI GROUP	CODE	COLOR	IDENT	SIGNAL	SEQ NO	EQUATION	TERM	FACTORY	CKT OR CHIP TYPE	GROUP	LOAD OR POWER PLANE	TEST POINTS		SIGNAL DESCRIPTION	ECO NO	
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17341		XA413	63					168 9					SPA076	11												
17342		XA309	25		XA313	34		168 9					SPA077	01	C343C0	01 8	TS8	B1				128				
17343		XA313	34		XA314	50		168 9					SPA077	02	C308C0	01 5	TS8	C1				16A				
17344		XA314	50		XA314	56		168 9					SPA077	03	C339CA	01 1	TQ2	D2				23A				
17345		XA314	56		XA314	70		168 9					SPA077	04	C338CA	01 1	TQ2	D1				26A				
17346		XA314	70		XA316	03		168 9					SPA077	05	C311DA	01 1	TQ2	E1				33A				
17347		XA316	03		XA316	17		168 9					SPA077	06	C304CA	01 1	TQ2	A3				02A				
17348		XA316	17		XA316	20		168 9					SPA077	07	C306EA	01 1	TQ2	B3				08B				
17349		XA316	20		XA316	23		168 9					SPA077	08	C306CA	01 1	TQ2	B2				11A				
17350		XA316	23		XA316	31		168 9					SPA077	09	C306GA	01 1	TQ2	B4				11B				
17351		XA316	31		XA413	64		168 9					SPA077	10	C306KA	01 2	TQ2	C3				15B				
17352		XA413	64					168 9					SPA077	11				RR1	F6							
17353		XA309	68		XA313	36		168 9					SPA078	01	C336G0	01 2	TS8	E1				32A				
17354		XA313	36		XA316	42		168 9					SPA078	02	C308C0	01 4	TS8	C1				17A				
17355		XA316	42		XA316	43		168 9					SPA078	03	C306HA	01 1	TQ2	C1				20A				
17356		XA316	43		XA316	48		168 9					SPA078	04	C308CA	01 2	TQ2	D3				23B				
17357		XA316	48		XA316	64		168 9					SPA078	05	C307EA	01 2	TQ2	D2				22A				
17358		XA316	64		XA316	65		168 9					SPA078	06	C308MA	01 1	TQ2	E2				30A				
17359		XA316	65		XA316	70		168 9					SPA078	07	C310CA	01 1	TQ2	F3				34B				
17360		XA316	70		XA317	05		168 9					SPA078	08	C308LA	01 1	TQ2	E1				33A				
17361		XA317	05		XA317	07		168 9					SPA078	09	J1PER0	01 2	TQ2	A2				03B				
17362		XA317	07		XA413	65		168 9					SPA078	10	J1T1A0	01 2	TQ2	A3				03A				
17363		XA413	65					168 9					SPA078	11				RR1	G3							
17364		XA317	08		XA317	13		168 9					SPA079	01	J8SYA0	01 2	TQ2	A1				06A				
17365		XA317	13		XA317	19		168 9					SPA079	02	J577A0	01 2	TQ2	A4				06B				
17366		XA317	19		XA317	20		168 9					SPA079	03	URECVO	01 2	TQ2	B3				09B				
17367		XA317	20		XA317	25		168 9					SPA079	04	UPRLT0	01 1	TQ2	B2				11A				
17368		XA317	25		XA317	49		168 9					SPA079	05	USTSP0	01 2	TQ2	B4				12B				
17370		XA317	49		XA321	04		168 9					SPA079	07	C308JA	01 2	TQ2	D4				26B				
17371		XA321	04		XA321	07		168 9					SPA079	08	URUNAO	01 1	TQ2	A2				04A				
17372		XA321	07		XA321	08		168 9					SPA079	09	UCLCK0	01 2	TQ2	A3				03A				
17373		XA321	08		XA413	66		168 9					SPA079	10	JACKCO	01 2	TQ2	A1				06A				
17374		XA413	66					168 9					SPA079	11				RR1	G4							
17375		XA321	17		XA321	18		168 9					SPA080	01	UCHT30	01 1	TQ2	B3				08B				
17376		XA321	18		XA321	23		168 9					SPA080	02	UCHT20	01 2	TQ2	B2				10A				
17377		XA321	23		XA321	24		168 9					SPA080	03	UCHT40	01 1	TQ2	B4				11B				
17378		XA321	24		XA321	31		168 9					SPA080	04	UCHT10	01 2	TQ2	B1				13A				
17379		XA321	31		XA321	34		168 9					SPA080	05	UCTR30	01 2	TQ2	C3				15B				
17380		XA321	34		XA321	37		168 9					SPA080	06	UCTR20	01 2	TQ2	C2				16A				
17381		XA321	37		XA321	40		168 9					SPA080	07	UCTR40	01 2	TQ2	C4				18B				
17382		XA321	40		XA321	43		168 9					SPA080	08	UCTR10	01 2	TQ2	C1				19A				
17383		XA321	43		XA321	48		168 9					SPA080	09	UERST0	01 2	TQ2	D3				23B				
17384		XA321	48		XA334	56		168 9					SPA080	10	UDPL10	01 2	TQ2	D2				22A				
17385		XA334	56					168 9					SPA080	11				RR1	F4							
17386		XA321	49		XA321	53		168 9					SPA081	01	UMPE10	01 2	TQ2	D4				26B				
													****	SIGNAL	SPA081		S ON THE	NEXT PAGE	****							

DRAWING NUMBER		149011-800		STRING		UNIT ASSEMBLY NO		149011		REV D		INDEX		SPA081								
UNIT ASSEMBLY NAME		CARD CAGE ASSY,CPU R.H.				FILE IDENT		T3982CP2		DATE		09-03-82		PAGE 353								
RECORD NUMBER	FROM	TO	WIRE																			
PREFIX	CONNECTOR	PIN	C	PREFIX	CONNECTOR	PIN	MULTI GROUP	CODE	COLOR	IDENT	SIGNAL	SEQ NO	EQUATION	3 RE	FACT	CKT OR CHIP TYPE	GROUP	LOAD CR POWER PLANE	TEST POINTS AND OR	SIGNAL DESCRIPTION	ECO NO	
17387	XA321	53		XA321	56			168	9		SPA081	02	DB05P0	01	1	TQ2	E3		28B			
17388	XA321	56		XA321	59			168	9		SPA081	03	UDPLOQ	01	1	TQ2	D1		26A			
17389	XA321	56		XA321	62			168	9		SPA081	04	DB04P0	01	1	TQ2	E4		31B			
17390	XA321	62		XA321	65			168	9		SPA081	05	DB06P0	01	2	TQ2	E2		29A			
17391	XA321	65		XA321	68			168	9		SPA081	06	DB01P0	01	1	TQ2	F3		34B			
17392	XA321	68		XA321	71			168	9		SPA081	07	DB07P0	01	2	TQ2	E1		32A			
17393	XA321	71		XA321	78			168	9		SPA081	08	DB02P0	01	2	TQ2	F2		36A			
17394	XA321	78		XA321	79			168	9		SPA081	09	DB00P0	01	2	TQ2	F4		38A			
17395	XA321	79		XA334	61			168	9		SPA081	10	DB03P0	01	1	TQ2	F1		39B			
17396	XA334	61						168	9		SPA081	11				RR1	G1					
17397	XA322	03		XA322	05			168	9		SPA082	01	DB29P0	01	1	TQ2	A3		02A			
17398	XA322	05		XA322	10			168	9		SPA082	02	DB30P0	01	2	TQ2	A2		03B			
17399	XA322	10		XA322	13			168	9		SPA082	03	DB31P0	01	1	TQ2	A1		07A			
17400	XA322	13		XA322	19			168	9		SPA082	04	DB28P0	01	2	TQ2	A4		06B			
17401	XA322	19		XA322	20			168	9		SPA082	05	DB25P0	01	2	TQ2	B3		09B			
17402	XA322	20		XA322	25			168	9		SPA082	06	DB26P0	01	1	TQ2	B2		11A			
17403	XA322	25		XA322	26			168	9		SPA082	07	DB24P0	01	2	TQ2	B4		12B			
17404	XA322	26		XA322	29			168	9		SPA082	08	DB27P0	01	1	TQ2	B1		14A			
17405	XA322	29		XA322	34			168	9		SPA082	09	DB21P0	01	1	TQ2	C3		14B			
17406	XA322	34		XA334	62			168	9		SPA082	10	DB22P0	01	2	TQ2	C2		16A			
17407	XA334	62						168	9		SPA082	11				RR1	F5					
17408	XA322	35		XA322	40			168	9		SPA083	01	DB20P0	01	1	TQ2	C4		17B			
17409	XA322	40		XA322	41			168	9		SPA083	02	DB23P0	01	2	TQ2	C1		19A			
17410	XA322	41		XA322	49			168	9		SPA083	03	DB17P0	01	1	TQ2	D3		22B			
17411	XA322	49		XA322	50			168	9		SPA083	04	DB16P0	01	2	TQ2	D4		26B			
17412	XA322	50		XA322	53			168	9		SPA083	05	DB18P0	01	1	TQ2	D2		23A			
17413	XA322	53		XA322	56			168	9		SPA083	06	DB13P0	01	1	TQ2	E3		28B			
17414	XA322	56		XA322	61			168	9		SPA083	07	DB19P0	01	1	TQ2	D1		26A			
17415	XA322	61		XA322	62			168	9		SPA083	08	DB12P0	01	2	TQ2	E4		32B			
17416	XA322	62		XA322	70			168	9		SPA083	09	DB14P0	01	2	TQ2	E2		29A			
17417	XA322	70		XA334	63			168	9		SPA083	10	DB15P0	01	1	TQ2	E1		33A			
17418	XA334	63						168	9		SPA083	11				RR1	G2					
17419	XA322	73		XA322	74			168	9		SPA084	01	DB10P0	01	1	TQ2	F2		36B			
17420	XA322	74		XA322	78			168	9		SPA084	02	DB09P0	01	2	TQ2	F3		35B			
17421	XA322	78		XA322	79			168	9		SPA084	03	DB08P0	01	2	TQ2	F4		38A			
17422	XA322	79		XA323	03			168	9		SPA084	04	DB11P0	01	1	TQ2	F1		39B			
17423	XA323	03		XA323	04			168	9		SPA084	05	DB29PA	01	1	TQ2	A3		02A			
17424	XA323	04		XA323	11			168	9		SPA084	06	UINSTO	01	1	TQ2	A2		04A			
17425	XA323	11		XA323	18			168	9		SPA084	07	DB28PA	01	1	TQ2	A4		05B			
17426	XA323	18		XA323	19			168	9		SPA084	08	DB26PA	01	2	TQ2	B2		10A			
17427	XA323	19		XA323	23			168	9		SPA084	09	DB25PA	01	2	TQ2	B3		09B			
17428	XA323	23		XA334	64			168	9		SPA084	10	DB24PA	01	1	TQ2	B4		11B			
17429	XA334	64						168	9		SPA084	11				RR1	F6					
17430	XA323	24		XA323	29			168	9		SPA085	01	DB27PA	01	2	TQ2	B1		13A			
17431	XA323	29		XA323	34			168	9		SPA085	02	DB21PA	01	1	TQ2	C3		14B			
17432	XA323	34		XA323	35			168	9		SPA085	03	DB22PA	01	2	TQ2	C2		16A			
								***		SIGNAL	(SPA085)		IS ON THE						****			

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RECORD NUMBER	FROM				TO				WIRE				SIGNAL	SFC NO	EQUATION	SFC	SFC	CKT OR CHIP TYPE	GROUP	LOAD OR POWER PLANE	TEST POINTS AND OR	SIGNAL DESCRIPTION	ECO NO
	PREFIX	CONNECTOR	PIR	CS	PREFIX	CONNECTOR	PIR	CS	MULTI BROU	CODE	COLOR	IDENT											
17433		XA323	35		XA323	41				16B	9			SPA085	04	DB20PA	01	1	TQ2	C4	17B		
17434		XA323	41		XA323	42				16B	9			SPA085	05	DB17PA	01	1	TQ2	D3	22B		
17435		XA323	42		XA323	47				16B	9			SPA085	06	DB23PA	01	1	TQ2	C1	20A		
17436		XA323	47		XA323	50				16B	9			SPA085	07	DB16PA	01	1	TQ2	D4	23B		
17437		XA323	50		XA323	54				16B	9			SPA085	08	DB18PA	01	1	TQ2	D2	23A		
17438		XA323	54		XA323	55				16B	9			SPA085	09	DB19PA	01	2	TQ2	D1	25A		
17439		XA323	55		XA334	65				16B	9			SPA085	10	DB05CO	01	2	TQ2	E3	24B		
17440		XA334	65							16B	9			SPA085	11				RR1	G3			
17441		XA323	61		XA323	64				16B	9			SPA086	01	DB04CO	01	2	TQ2	E4	32B		
17442		XA323	64		XA323	70				16B	9			SPA086	02	DB06CO	01	1	TQ2	E2	30A		
17443		XA323	70		XA323	73				16B	9			SPA086	03	DB07CO	01	1	TQ2	E1	33A		
17444		XA323	73		XA323	74				16B	9			SPA086	04	DB02CO	01	1	TQ2	F2	36B		
17445		XA323	74		XA323	78				16B	9			SPA086	05	DB01CO	01	2	TQ2	F3	35B		
17446		XA323	78		XA323	79				16B	9			SPA086	06	DB00CO	01	2	TQ2	F4	38A		
17447		XA323	79		XA324	04				16B	9			SPA086	07	DB03CO	01	1	TQ2	F1	39B		
17448		XA324	04		XA324	07				16B	9			SPA086	08	DB30CO	01	1	TQ2	A2	04A		
17449		XA324	07		XA324	08				16B	9			SPA086	09	DB29CO	01	2	TQ2	A3	03A		
17450		XA324	08		XA334	66				16B	9			SPA086	10	DB31CO	01	2	TQ2	A1	06A		
17451		XA334	66							16B	9			SPA086	11				RR1	G4			
17452		XA324	13		XA324	17				16B	9			SPA087	01	DB28CO	01	2	TQ2	A4	06B		
17453		XA324	17		XA324	18				16B	9			SPA087	02	DB25CO	01	1	TQ2	B3	08B		
17454		XA324	18		XA324	23				16B	9			SPA087	03	DB26CO	01	2	TQ2	B2	10A		
17455		XA324	23		XA324	24				16B	9			SPA087	04	DB24CO	01	1	TQ2	B4	11B		
17456		XA324	24		XA324	29				16B	9			SPA087	05	DB27CO	01	2	TQ2	B1	13A		
17457		XA324	29		XA324	35				16B	9			SPA087	06	DB21CO	01	1	TQ2	C3	14B		
17458		XA324	35		XA324	36				16B	9			SPA087	07	DB20CO	01	1	TQ2	C4	17B		
17459		XA324	36		XA324	41				16B	9			SPA087	08	DB22CO	01	1	TQ2	C2	17A		
17460		XA324	41		XA324	42				16B	9			SPA087	09	DB17CO	01	1	TQ2	D3	22B		
17461		XA324	42		XA334	71				16B	9			SPA087	10	DB23CO	01	1	TQ2	C1	20A		
17462		XA334	71							16B	9			SPA087	11				RR1	H1			
17463		XA324	47		XA324	48				16B	9			SPA088	01	DB16CO	01	1	TQ2	D4	25B		
17464		XA324	48		XA324	54				16B	9			SPA088	02	DB18CO	01	2	TQ2	D2	22A		
17465		XA324	54		XA324	55				16B	9			SPA088	03	DB19CO	01	2	TQ2	D1	25A		
17466		XA324	55		XA324	59				16B	9			SPA088	04	DB13CO	01	2	TQ2	E3	29B		
17467		XA324	59		XA324	62				16B	9			SPA088	05	DB12CO	01	1	TQ2	E4	31B		
17468		XA324	62		XA324	65				16B	9			SPA088	06	DB14CO	01	2	TQ2	E2	29A		
17469		XA324	65		XA324	68				16B	9			SPA088	07	DB09CO	01	1	TQ2	F3	34B		
17470		XA324	68		XA324	71				16B	9			SPA088	08	DB15CO	01	2	TQ2	F1	32A		
17471		XA324	71		XA324	76				16B	9			SPA088	09	DB10CO	01	2	TQ2	F2	36A		
17472		XA324	76		XA334	72				16B	9			SPA088	10	DB08CO	01	1	TQ2	F4	37A		
17473		XA334	72							16B	9			SPA088	11				RR1	G5			
17474		XA324	77		XA328	08				16B	9			SPA089	01	DB11CO	01	2	TQ2	F1	36B		
17475		XA328	08		XA329	18				16B	9			SPA089	02	DC314D	01	2	TLD	A1	06A		
17476		XA329	18		XA329	24				16B	9			SPA089	03	DC26XD	01	2	TLD	B2	10A		
17477		XA329	24		XA329	43				16B	9			SPA089	04	DC27XD	01	2	TLD	B1	13A		
17478		XA329	43		XA330	03				16B	9			SPA089	05				TLD	D3	23B		
										****		SIGNAL	SPA089		S ON THE				NEXT PAGE	****			

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	PREFIX	CONNECTOR	PIN	WIRE	PREFIX	CONNECTOR	PIN	WIRE	MULTI-GROUP	CODE	COLOR	IDENT											
17479		XA330	03		XA330	05				168	9		SPA089	06	DC29XD	01	1	TLD	A3		02A		
17480		XA330	05		XA330	11				168	9		SPA089	07	DC30XD	01	2	TLD	A2		03B		
17481		XA330	11		XA334	73				168	9		SPA089	08	DC28XD	01	1	TLD	A4		05B		
17482		XA334	73		XA340	24				168	9		SPA089	09				RR1	H2				
17483		XA340	24							168	9		SPA089	10	CT16MA	01	2	TQ2	B1		13A		
17484		XA330	43		XA330	50				168	9		SPA090	01				TLD	D3		23B		
17485		XA330	50		XA330	56				168	9		SPA090	02	UCPURD	01	1	TLD	D2		23A		
17486		XA330	56		XA331	19				168	9		SPA090	03				TLD	D1		26A		
17487		XA331	19		XA331	25				168	9		SPA090	04	UPGLLD	01	2	TLD	B3		09B		
17488		XA331	25		XA331	31				168	9		SPA090	05				TLD	B4		12B		
17489		XA331	31		XA331	42				168	9		SPA090	06				TLD	C3		15B		
17490		XA331	42		XA331	43				168	9		SPA090	07				TLD	C1		20A		
17491		XA331	43		XA332	49				168	9		SPA090	08				TLD	D3		23B		
17492		XA332	49		XA334	74				168	9		SPA090	09	J4RESD	01	2	TLD	D4		26B		
17493		XA334	74							168	9		SPA090	10				RR1	G6				
17494		XA331	56		XA332	19				168	9		SPA091	01				TLD	D1		26A		
17495		XA332	19		XA332	25				168	9		SPA091	02	UCPUSD	01	2	TLD	B3		09B		
17496		XA332	25		XA332	31				168	9		SPA091	03				TLD	B4		12B		
17497		XA332	31		XA332	34				168	9		SPA091	04				TLD	C3		15B		
17498		XA332	34		XA332	42				168	9		SPA091	05	JQMPED4	01	2	TLD	C2		16A		
17499		XA332	42		XA332	43				168	9		SPA091	06				TLD	C1		20A		
17500		XA332	43		XA332	48				168	9		SPA091	07				TLD	D3		23B		
17501		XA332	48		XA332	56				168	9		SPA091	08	JQMTOD4	01	2	TLD	D2		22A		
17502		XA332	56		XA332	70				168	9		SPA091	09				TLD	D1		26A		
17503		XA332	70		XA334	75				168	9		SPA091	10				TLD	E1		33A		
17504		XA334	75							168	9		SPA091	11				RR1	H3				
17505		XA333	19		XA333	26				168	9		SPA092	01				TLD	B3		09B		
17506		XA333	26		XA333	31				168	9		SPA092	02				TLD	B1		14A		
17507		XA333	31		XA333	42				168	9		SPA092	03				TLD	C3		15B		
17508		XA333	42		XA333	43				168	9		SPA092	04				TLD	C1		20A		
17509		XA333	43		XA333	55				168	9		SPA092	05				TLD	D3		23B		
17510		XA333	55		XA333	56				168	9		SPA092	06				TLD	E3		29B		
17511		XA333	56		XA334	76				168	9		SPA092	07				TLD	D1		26A		
17512		XA334	76		XA341	41				168	9		SPA092	08				RR1	H4				
17513		XA341	41							168	9		SPA092	09	JITRTO	01	1	TQ2	D3		22B		
17514		XA333	49		XA333	64				168	9		SPA093	01				TLD	D4		26B		
17515		XA333	64		XA333	70				168	9		SPA093	02	JMPEID4	01	1	TLD	E2		30A		
17516		XA333	70		XA334	77				168	9		SPA093	03				TLD	E1		33A		
17518		XA334	77		XA337	01				168	9		SPA093	05				RR1	H5				
17519		XA337	01		XA337	06				168	9		SPA093	06	CTERMA	01	3	TQ4	A2		02B		
17520		XA337	06		XA337	24				168	9		SPA093	07	CTERKA	01	3	TQ4	A1		05A		
17521		XA337	24		XA337	43				168	9		SPA093	08	CTERPA	01	2	TQ4	B1		13A		
17522		XA337	43		XA337	49				168	9		SPA093	09	CTE2CA	01	4	TQ4	D2		23B		
17523		XA337	49							168	9		SPA093	10	CTE2GA	01	4	TQ4	D1		26B		
17524		XA334	78		XA337	05				168	9		SPA094	01				RR1	H6				
										****	SIGNAL	SPA094		IS ON THE	NEXT PAGE	****							

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	PREFIX	CONNECTOR	PIN	WIRE NO	PREFIX	CONNECTOR	PIN	WIRE NO	MULTI WIRE	CODE	COLOR	DENT											
17525		XA337	05		XA337	13			16B	9			SPA094	02	CTERMA	01	2	TD4	A2	03B			
17526		XA337	13		XA337	26			16B	9			SPA094	03	CTERKA	01	4	TD4	A1	06B			
17527		XA337	26		XA337	50			16B	9			SPA094	04	CTERPA	01	1	TD4	B1	14A			
17528		XA337	50		XA337	54			16B	9			SPA094	05	CTE2CA	01	1	TD4	D2	23A			
17529		XA337	54		XA337	55			16B	9			SPA094	06	CTE2GA	01	2	TD4	D1	24A			
17530		XA337	55		XA337	61			16B	9			SPA094	07	CTER2A	01	4	TD4	E2	29B			
17531		XA337	61		XA337	71			16B	9			SPA094	08	CTERIA	01	4	TD4	E1	32B			
17532		XA337	71		XA337	77			16B	9			SPA094	09	CTESCA	01	2	TD4	F2	36A			
17533		XA337	77						16B	9			SPA094	10	CTE1CA	01	2	TD4	F1	38B			
17535		XA337	07		XA337	08			16B	9			SPA095	01	CTERMA	01	4	TD4	A2	03A			
17536		XA337	08		XA337	56			16B	9			SPA095	02	CTERKA	01	2	TD4	A1	06A			
17537		XA337	56		XA337	60			16B	9			SPA095	03	CTE2GA	01	1	TD4	D1	26A			
17538		XA337	60		XA337	68			16B	9			SPA095	04	CTER2A	01	3	TD4	E2	28A			
17539		XA337	68		XA337	72			16B	9			SPA095	05	CTERIA	01	2	TD4	E1	32A			
17540		XA337	72		XA337	78			16B	9			SPA095	06	CTESCA	01	3	TD4	F2	34A			
17541		XA337	78		XA338	20			16B	9			SPA095	07	CTE1CA	01	4	TD4	F1	38A			
17542		XA338	20		XA338	52			16B	9			SPA095	08	CTE3DO	01	4	TS8	B1	11A			
17543		XA338	52		XA338	55			16B	9			SPA095	09	CTEP5A	01	3	TS8	D1	24A			
17544		XA338	55		XA433	36			16B	9			SPA095	10	CTE2EO	01	7	TS8	E1	29B			
17545		XA433	36						16B	9			SPA095	11				RR1	C6				
17546		XA337	62		XA337	70			16B	9			SPA096	01	CTER2A	01	2	TD4	E2	29A			
17547		XA337	70		XA338	61			16B	9			SPA096	02	CTER1A	01	1	TD4	E1	33A			
17549		XA338	61		XA338	71			16B	9			SPA096	04	CTE2EO	01	8	TS8	E1	32B			
17550		XA338	71		XA339	01			16B	9			SPA096	05	CTE2FO	01	5	TS8	F1	36A			
17551		XA339	01		XA339	14			16B	9			SPA096	06	CTERMO	01	6	TS8	A1	02B			
17552		XA339	14		XA339	34			16B	9			SPA096	07	CTE2GO	01	6	TS8	B1	09A			
17553		XA339	34		XA339	50			16B	9			SPA096	08	CTE3EO	01	5	TS8	C1	16A			
17554		XA339	50		XA339	61			16B	9			SPA096	09	CTE4DO	01	4	TS8	D1	23A			
17555		XA339	61		XA433	37			16B	9			SPA096	10	CTE5DO	01	8	TS8	E1	32B			
17556		XA433	37						16B	9			SPA096	11				RR1	D2				
17557		XA338	62		XA338	72			16B	9			SPA097	01	CTE2EO	01	5	TS8	E1	29A			
17558		XA338	72		XA339	04			16B	9			SPA097	02	CTE2FO	01	6	TS8	F1	34A			
17559		XA339	04		XA339	18			16B	9			SPA097	03	CTERMO	01	4	TS8	A1	04A			
17560		XA339	18		XA339	36			16B	9			SPA097	04	CTE2GO	01	5	TS8	B1	10A			
17561		XA339	36		XA339	52			16B	9			SPA097	05	CTE3EO	01	4	TS8	C1	17A			
17562		XA339	52		XA339	64			16B	9			SPA097	06	CTE4DO	01	3	TS8	D1	24A			
17563		XA339	64		XA339	71			16B	9			SPA097	07	CTE5DO	01	4	TS8	E1	30A			
17564		XA339	71		XA340	03			16B	9			SPA097	08	CTE6DO	01	5	TS8	F1	36A			
17565		XA340	03		XA433	38			16B	9			SPA097	09	CTE2FA	01	1	TQ2	A3	02A			
17566		XA433	38						16B	9			SPA097	10				RR1	C5				
17567		XA338	64		XA338	73			16B	9			SPA098	01	CTE2EO	01	4	TS8	E1	30A			
17568		XA338	73		XA339	05			16B	9			SPA098	02	CTE2FO	01	4	TS8	F1	36B			
17569		XA339	05		XA339	22			16B	9			SPA098	03	CTERMO	01	5	TS8	A1	03B			
17570		XA339	22		XA339	54			16B	9			SPA098	04	CTE2GO	01	3	TS8	B1	12A			
17571		XA339	54		XA339	66			16B	9			SPA098	05	CTE4DO	01	2	TS8	D1	25A			
17572		XA339	66		XA339	73			16B	9			SPA098	06	CTE5DO	01	3	TS8	E1	31A			
									****	SIGNAL		(SPA098)		S ON THE		NEXT PAGE	****						

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	PREFIX	CONNECTOR	PIN	WIRE NO	PREFIX	CONNECTOR	PIN	WIRE NO	MULTI-GROUP	CODE	COLOR	DENY											
17573		XA339	73		XA340	08				168	9		SPA098	07	CTE6D0	01	4	TS8	F1		36B		
17574		XA340	08		XA340	11				168	9		SPA098	08	CTEPC0	01	2	TQ2	A1		06A		
17575		XA340	11		XA340	34				168	9		SPA098	09	CTE2EA	01	1	TQ2	A4		05B		
17576		XA340	34		XA433	39				168	9		SPA098	10	CT08D0	01	2	TQ2	C2		16A		
17577		XA433	39							168	9		SPA098	11				RR1	D3				
17578		XA338	66		XA338	75				168	9		SPA099	01	CTE2E0	01	3	TS8	E1		31A		
17579		XA338	75		XA339	07				168	9		SPA099	02	CTE2F0	01	3	TS8	F1		37B		
17580		XA339	07		XA339	75				168	9		SPA099	03	CTERM0	01	7	TS8	A1		03A		
17581		XA339	75		XA340	35				168	9		SPA099	04	CTE6D0	01	3	TS8	F1		37B		
17582		XA340	35		XA340	48				168	9		SPA099	05	CTINP0	01	1	TQ2	C4		17B		
17583		XA340	48		XA340	54				168	9		SPA099	06	CT06GA	01	2	TQ2	D2		22A		
17584		XA340	54		XA341	10				168	9		SPA099	07	CT1MP0	01	2	TQ2	D1		25A		
17585		XA341	10		XA341	17				168	9		SPA099	08	CT02C0	01	1	TQ2	A1		07A		
17586		XA341	17		XA433	40				168	9		SPA099	09	CT02NA	01	1	TQ2	B3		08B		
17587		XA433	40							168	9		SPA099	10				RR1	D4				
17598		XA113	03		XA338	68				168	9		SPA100	01				01	1	TQ2	A3		02A
17599		XA338	68		XA338	77				168	9		SPA100	02	CTE2E0	01	2	TS8	E1		32A		
17600		XA338	77		XA339	78				168	9		SPA100	03	CTE2F0	01	2	TS8	F1		38B		
17601		XA339	78		XA341	47				168	9		SPA100	04	CTE6D0	01	8	TS8	F1		38A		
17602		XA341	47		XA341	48				168	9		SPA100	05	CTE1EA	01	1	TQ2	D4		25B		
17603		XA341	48		XA341	53				168	9		SPA100	06	CT06SA	01	2	TQ2	D2		22A		
17604		XA341	53		XA341	68				168	9		SPA100	07	CTRINA	01	1	TQ2	E3		28B		
17604		XA341	68		XA341	71				168	9		SPA100	08	CT34Q0	01	2	TQ2	E1		32A		
17606		XA341	71		XA342	25				168	9		SPA100	09	CTRLYA	01	2	TQ2	F2		36A		
17607		XA342	25		XA433	41				168	9		SPA100	10	CTGMCA	01	3	TT3	B3		12B		
17608		XA433	41							168	9		SPA100	11				RR1	E1				
17609		XA113	07		XA338	78				168	9		SPA101	01				01	2	TQ2	A3		03A
17610		XA338	78		XA342	34				168	9		SPA101	02	CTE2F0	01	8	TS8	F1		38A		
17611		XA342	34		XA342	46				168	9		SPA101	03	CT06N0	01	1	TT3	C2		16A		
17612		XA342	46		XA342	49				168	9		SPA101	04	CTGM1A	01	2	TT3	D2		21A		
17613		XA342	49		XA342	56				168	9		SPA101	05	CTGM2A	01	3	TT3	D3		26B		
17614		XA342	56		XA342	78				168	9		SPA101	06	CTGMOA	01	1	TT3	D1		26A		
17615		XA342	78		XA343	14				168	9		SPA101	07	CT08EA	01	3	TT3	F3		38A		
17616		XA343	14		XA343	52				168	9		SPA101	08	CT06D0	01	6	TS8	B1		09A		
17617		XA343	52		XA433	42				168	9		SPA101	09	CT06G0	01	3	TS8	D1		24A		
17619		XA433	42							168	9		SPA101	11				RR1	D5				
17620		XA230	50		XA230	56				168	9		SPA102	01	C206CA	01	4	TD4	D2		23A		
17621		XA230	56		XA340	20				168	9		SPA102	02	C238FA	01	4	TD4	D1		26A		
17622		XA340	20		XA343	54				168	9		SPA102	03	CTE3EA	01	1	TQ2	B2		11A		
17623		XA343	54		XA343	73				168	9		SPA102	04	CT06G0	01	2	TS8	D1		25A		
17624		XA343	73		XA344	04				168	9		SPA102	05	CTR1QA	01	4	TS8	F1		36B		
17625		XA344	04		XA344	06				168	9		SPA102	06	CT04BP	01	1	TDD	BP		04A		
17626		XA344	06		XA344	51				168	9		SPA102	07	CT02BP	01	1	TDD	AP		05A		
17627		XA344	51		XA348	53				168	9		SPA102	08	CT1NBQ	01	1	TDD	GQ		27B		
17629		XA348	53		XA433	45				168	9		SPA102	10	CTNT00	01	1	TQ2	E3		28B		
17630		XA433	45							168	9		SPA102	11				RR1	E2				

DRAWING NUMBER 149011-800
 UNIT ASSEMBLY NAME CARD CAGE ASSY,CPU R.H.

STRING

UNIT ASSEMBLY NO 149011
 FILE IDENT T3982CP2

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RECORD NUMBER	FROM			TO			WIRE			MULTI GROUP	CODE	COLOR	IDENT	SIGNAL	SQU NO	EQUATION	TERM	FACT	CKT OR CHIP TYPE	PROP	LOAD OR POWER PLANE	TEST POINTS AND/OR	SIGNAL DESCRIPTION	ECO NO
	PREFIX	CONNECTOR	PIN	PREFIX	CONNECTOR	PIN																		
17631		XA342	37		XA343	25					168	9		SPA103	01	CTRL90	01	3	TT3	C3		188		
17632		XA343	25		XA343	56					168	9		SPA103	02	CT06D0	01	8	TS8	B1		128		
17633		XA343	56		XA343	75					168	9		SPA103	03	CT06G0	01	1	YS8	O1		26A		
17634		XA343	75		XA344	38					168	9		SPA103	04	CTR1QA	01	3	TS8	F1		37B		
17635		XA344	38		XA344	52					168	9		SPA103	05	CT12BP	01	1	YDD	EP		18A		
17636		XA344	52		XA346	14					168	9		SPA103	06	CT1NBP	01	1	TDD	GP		24A		
17637		XA346	14		XA346	24					168	9		SPA103	07	CT8M2A	01	3	T04	B2		09A		
17638		XA346	24		XA346	60					168	9		SPA103	08	CT8M1A	01	2	T04	B1		13A		
17639		XA346	60		XA346	73					168	9		SPA103	09	CTER20	01	3	T04	E2		28A		
17640		XA346	73		XA433	46					168	9		SPA103	10	CT02PA	01	1	T04	F2		36B		
17641		XA433	46								168	9		SPA103	11				RR1	D6				
17642		XA342	21		XA343	26					168	9		SPA104	01	CT6MCA	01	1	TT3	B3		108		
17643		XA343	26		XA343	68					168	9		SPA104	02	CT06D0	01	1	TS8	B1		14A		
17644		XA343	68		XA343	77					168	9		SPA104	03	CT06J0	01	2	TS8	E1		32A		
17645		XA343	77		XA344	36					168	9		SPA104	04	CTR1QA	01	2	TS8	F1		39B		
17646		XA344	36		XA346	01					168	9		SPA104	05	CT22BP	01	1	YDD	FP		17A		
17647		XA346	01		XA346	08					168	9		SPA104	06	CTNC1A	01	3	T04	A2		02B		
17648		XA346	08		XA346	18					168	9		SPA104	07	CTNCOA	01	2	T04	A1		06A		
17649		XA346	18		XA346	25					168	9		SPA104	08	CT8M2A	01	2	T04	B2		10A		
17650		XA346	25		XA433	47					168	9		SPA104	09	CT8M1A	01	4	T04	B1		12B		
17651		XA433	47								168	9		SPA104	10				RR1	E3				
17653		XA402	18		XA402	25					168	9		SPA105	02	C616CA	01	2	TQ2	B2		10A		
17654		XA402	25		XA402	34					168	9		SPA105	03	C615E0	01	2	TQ2	B4		12B		
17655		XA402	34		XA402	41					168	9		SPA105	04	C618CA	01	2	TQ2	C2		16A		
17656		XA402	41		XA402	54					168	9		SPA105	05	C621CA	01	1	TQ2	D3		22B		
17657		XA402	54		XA402	61					168	9		SPA105	06	C621HA	01	2	TQ2	D1		25A		
17658		XA402	61		XA402	62					168	9		SPA105	07	C621MA	01	2	TQ2	E4		32B		
17659		XA402	62		XA404	05					168	9		SPA105	08	C623CA	01	2	TQ2	E2		29A		
17660		XA404	05		XA404	20					168	9		SPA105	09	CM0690	01	5	TS8	A1		03B		
17661		XA404	20		XA433	48					168	9		SPA105	10	CM0890	01	4	TS8	B1		11A		
17662		XA433	48								168	9		SPA105	11				RR1	E4				
17663		XA404	22		XA404	40					168	9		SPA106	01	CM0890	01	3	TS8	B1		12A		
17664		XA404	40		XA404	56					168	9		SPA106	02	CM0990	01	2	TS8	C1		19A		
17665		XA404	56		XA404	70					168	9		SPA106	03	C614E0	01	1	TS8	D1		26A		
17666		XA404	70		XA404	71					168	9		SPA106	04	C614G0	01	1	TS8	E1		33A		
17667		XA404	71		XA405	38					168	9		SPA106	05	PB02CA	01	5	TS8	F1		36A		
17668		XA405	38		XA405	50					168	9		SPA106	06	CM0290	01	3	TS8	C1		18A		
17669		XA405	50		XA405	68					168	9		SPA106	07	CM0390	01	4	TS8	D1		23A		
17670		XA405	68		XA408	49					168	9		SPA106	08	CM0490	01	2	TS8	E1		32A		
17671		XA408	49		XA433	51					168	9		SPA106	09	CMC490	01	8	TS8	D1		26B		
17672		XA433	51								168	9		SPA106	10				RR1	F1				
17673		XA404	25		XA404	42					168	9		SPA107	01	CM0890	01	8	TS8	B1		12B		
17674		XA404	42		XA404	72					168	9		SPA107	02	CM0990	01	1	TS8	C1		20A		
17675		XA404	72		XA405	40					168	9		SPA107	03	PB02CA	01	6	TS8	F1		34A		
														****	SIGNAL	SPA107				S ON THE	NEXT PAGE	****		

DRAWING NUMBER UNIT ASSEMBLY NAME		149011-800 CARD CAGE ASSY, CPU R.H.		STRING		UNIT ASSEMBLY NO FILE IDENT		149011 T3982CP2		REV D DATE		INDEX PAGE		SPA107 359							
RECORD NUMBER	PREFIX	CONNECTOR	PIN	TO PREFIX	CONNECTOR	PIN	WIRE MULTI GROUP	CODE	COLOR	IDENT	SIGNAL	SEQ NO	EQUATION	TEST	CT OR CHIP TYPE	WMP	LOAD OR POWER PLANE	TEST POINTS AND OP	SIGNAL DESCRIPTION	ECO NO	
17676		XA405	40		XA405	52		168	9		SPA107	04	CM0290	01	2	TS8	C1	19A			
17677		XA405	52		XA405	70		168	9		SPA107	05	CM0390	01	3	TS8	D1	24A			
17678		XA405	70		XA405	73		168	9		SPA107	06	CM0490	01	1	TS8	E1	33A			
17679		XA405	73		XA406	10		168	9		SPA107	07	CM0590	01	4	TS8	F1	36B			
17680		XA406	10		XA406	11		168	9		SPA107	08	C610CA	01	1	TQ2	A1	07A			
17681		XA406	11		XA433	52		168	9		SPA107	09	C626CA	01	1	TQ2	A4	05B			
17682		XA433	52					168	9		SPA107	10				RR1	E5				
17683		XA404	73		XA405	54		168	9		SPA108	01	P802CA	01	4	TS8	F1	36B			
17684		XA405	54		XA405	75		168	9		SPA108	02	CM0390	01	2	TS8	D1	25A			
17685		XA405	75		XA406	31		168	9		SPA108	03	CM0590	01	3	TS8	F1	37B			
17687		XA406	31		XA406	36		168	9		SPA108	05	CM0NEA	01	2	TQ2	C3	15B			
17688		XA406	36		XA406	37		168	9		SPA108	06	CMONDA	01	1	TQ2	C2	17A			
17689		XA406	37		XA406	42		168	9		SPA108	07	CMONFA	01	2	TQ2	C4	18B			
17690		XA406	42		XA406	43		168	9		SPA108	08	CMONCA	01	1	TQ2	C1	20A			
17691		XA406	43		XA406	48		168	9		SPA108	09	C614GA	01	2	TQ2	D3	23B			
17692		XA406	48		XA433	53		168	9		SPA108	10	C614FA	01	2	TQ2	D2	22A			
17693		XA433	53					168	9		SPA108	11				RR1	F2				
17694		XA405	77		XA407	01		168	9		SPA109	01	CM0590	01	2	TS8	F1	38B			
17695		XA407	01		XA407	62		168	9		SPA109	02	C621DA	01	3	TD4	A2	02B			
17697		XA407	62		XA407	73		168	9		SPA109	04	CM0390	01	2	TD4	E2	29A			
17698		XA407	73		XA407	79		168	9		SPA109	05	CM0390	01	1	TD4	F2	36B			
17699		XA407	79		XA408	18		168	9		SPA109	06	CM0290	01	1	TD4	F1	39B			
17700		XA408	18		XA408	61		168	9		SPA109	07	CMC290	01	5	TS8	B1	10A			
17701		XA408	61		XA408	73		168	9		SPA109	08	CMC790	01	8	TS8	E1	32B			
17702		XA408	73		XA433	54		168	9		SPA109	09	CMC890	01	4	TS8	F1	36B			
17703		XA433	54					168	9		SPA109	10				RR1	E6				
17704		XA405	79		XA408	66		168	9		SPA110	01	CM0590	01	1	TS8	F1	39B			
17705		XA408	66		XA408	75		168	9		SPA110	02	CMC790	01	3	TS8	E1	31A			
17706		XA408	75		XA409	08		168	9		SPA110	03	CMC890	01	3	TS8	F1	37B			
17707		XA409	08		XA409	14		168	9		SPA110	04	CM0790	01	2	TD4	A1	06A			
17708		XA409	14		XA410	05		168	9		SPA110	05	CMC690	01	3	TD4	B2	09A		804	
17710		XA410	05		XA410	08		168	9		SPA110	07	CM0290	01	2	TQ2	A2	03B			
17711		XA410	08		XA410	17		168	9		SPA110	08	CM0190	01	2	TQ2	A1	06A			
17712		XA410	17		XA410	18		168	9		SPA110	09	CMCL2A	01	1	TQ2	B3	08B			
17713		XA410	18		XA433	55		168	9		SPA110	10	CMCL1A	01	2	TQ2	B2	10A			
17714		XA433	55					168	9		SPA110	11				RR1	F3				
17715		XA408	68		XA408	77		168	9		SPA111	01	CMC790	01	2	TS8	E1	32A			
17716		XA408	77		XA409	18		168	9		SPA111	02	CMC890	01	2	TS8	F1	38B			
17717		XA409	18		XA410	25		168	9		SPA111	03	CMC690	01	2	TD4	B2	10A			
17718		XA410	25		XA410	26		168	9		SPA111	04	CMCLMA	01	2	TQ2	B4	12B			
17719		XA410	26		XA410	31		168	9		SPA111	05	CMCL0A	01	1	TQ2	B1	14A			
17720		XA410	31		XA410	36		168	9		SPA111	06	CMCLYA	01	2	TQ2	C3	15B			
17722		XA410	36		XA410	42		168	9		SPA111	08	CMCL4A	01	1	TQ2	C2	17A			
17724		XA410	42		XA433	56		168	9		SPA111	10	CMCL3A	01	1	TQ2	C1	20A			
17725		XA433	56					168	9		SPA111	11				RR1	F4				
								****		SIGNAL	SPA112								IS ON THE NEXT PAGE	****	

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RECORD NUMBER	FROM				TO				WIRE				SIGNAL	SEQ NO	EQUATION	WIRE NO	WIRE TYPE	WIRE GROUP	LOAD OR POWER PLANE	TEST POINTS AND/OR	SIGNAL DESCRIPTION	ECO NO
	PREFIX	CONNECTOR	PIN	WIRE NO	PREFIX	CONNECTOR	PIN	WIRE NO	CODE	COLOR	IDENT	WIRE NO										
17726		XA408	78		XA410	53		168	9			SPA112	01	CMC890	01	8	TS8	F1		38A		
17747		XA410	53		XA410	54		168	9			SPA112	03	CMCP5A	01	1	TQ2	E3		28B		
17729		XA410	54		XA410	62		168	9			SPA112	04	CM0030	01	2	TQ2	D1		29A		
17730		XA410	62		XA410	68		168	9			SPA112	05	CMCP4A	01	2	TQ2	E2		29A		
17731		XA410	68		XA410	71		168	9			SPA112	06	CMCP3A	01	2	TQ2	E1		32A		
17732		XA410	71		XA410	79		168	9			SPA112	07	CMCP9A	01	2	TQ2	F2		36A		
17733		XA410	79		XA411	03		168	9			SPA112	08	CMCP8A	01	1	TQ2	F1		39B		
17734		XA411	03		XA433	61		168	9			SPA112	09	CMC88Q	01	1	TDD	BQ		02A		
17735		XA433	61					168	9			SPA112	10				RR1	G1				
17736		XA408	79		XA411	15		168	9			SPA113	01	CMC890	01	1	TS8	F1		39B		
17737		XA411	15		XA411	17		168	9			SPA113	02	CMC78Q	01	1	TDD	AQ		07B		
17738		XA411	17		XA411	27		168	9			SPA113	03	CM01BQ	01	1	TDD	DQ		08B		
17739		XA411	27		XA411	39		168	9			SPA113	04	CMC9BQ	01	1	TDD	CQ		13B		
17740		XA411	39		XA411	51		168	9			SPA113	05	CM02BQ	01	1	TDD	EQ		14B		
17741		XA411	51		XA412	15		168	9			SPA113	06	CM04BQ	01	1	TDD	GQ		27B		
17742		XA412	15		XA412	17		168	9			SPA113	07	CMC1BQ	01	1	TDD	AQ		07B		
17743		XA412	17		XA412	27		168	9			SPA113	08	CMC4BQ	01	1	TDD	DQ		08B		
17744		XA412	27		XA412	29		168	9			SPA113	09	CMC3BQ	01	1	TDD	CQ		13B		
17745		XA412	29		XA433	62		168	9			SPA113	10	CMC6BQ	01	1	TDD	FQ		14B		
17746		XA433	62					168	9			SPA113	11				RR1	F5				
17748		XA412	39		XA412	51		168	9			SPA114	02	CMC5BQ	01	1	TDD	EQ		19B		
17749		XA412	51		XA412	53		168	9			SPA114	03	CM08BQ	01	1	TDD	GQ		27B		
17750		XA412	53		XA412	65		168	9			SPA114	04	CM07BQ	01	1	TDD	KQ		28B		
17751		XA412	65		XA412	80		168	9			SPA114	05	CM05BQ	01	1	TDD	MQ		34B		
17752		XA412	80		XA415	03		168	9			SPA114	06	CM04BQ	01	1	TDD	LQ		39A		
17753		XA415	03		XA415	05		168	9			SPA114	07	C157EA	01	1	TQ2	A3		02A		
17754		XA415	05		XA415	08		168	9			SPA114	08	C144EA	01	2	TQ2	A2		03B		
17755		XA415	08		XA415	11		168	9			SPA114	09	C133EA	01	2	TQ2	A1		06A		
17756		XA415	11		XA433	63		168	9			SPA114	10	C160C0	01	1	TQ2	A4		05B		
17757		XA433	63					168	9			SPA114	11				RR1	G2				
17758		XA415	17		XA415	20		168	9			SPA115	01	C166FA	01	1	TQ2	B3		08B		
17759		XA415	20		XA415	26		168	9			SPA115	02	C166EA	01	1	TQ2	B2		11A		
17760		XA415	26		XA415	62		168	9			SPA115	03	C161C0	01	1	TQ2	B1		14A		
17761		XA415	62		XA415	68		168	9			SPA115	04	CMASPO	01	2	TQ2	E2		29A		
17762		XA415	68		XA415	73		168	9			SPA115	05	CMASPA	01	2	TQ2	E1		32A		
17763		XA415	73		XA415	79		168	9			SPA115	06	C175C0	01	1	TQ2	F2		36B		
17764		XA415	79		XA417	38		168	9			SPA115	07	C061C0	01	1	TQ2	F1		39B		
17765		XA417	38		XA419	03		168	9			SPA115	08	C133DA	01	3	TF3	C1		18A		
17766		XA419	03		XA433	64		168	9			SPA115	09	C072C0	01	1	TQ2	A3		02A		
17767		XA433	64					168	9			SPA115	10				RR1	F6				
17768		XA419	04		XA419	10		168	9			SPA116	01	C071C0	01	1	TQ2	A2		04A		
17769		XA419	10		XA419	11		168	9			SPA116	02	C066C0	01	1	TQ2	A1		07A		
17770		XA419	11		XA419	17		168	9			SPA116	03	C074C0	01	1	TQ2	A4		05B		
17771		XA419	17		XA419	20		168	9			SPA116	04	C132C0	01	1	TQ2	B3		08B		
17772		XA419	20		XA419	24		168	9			SPA116	05	C130C0	01	1	TQ2	B2		11A		
17773		XA419	24		XA419	25		168	9			SPA116	06	C075C0	01	2	TQ2	B1		13A		
								****	SIGNAL	(SPA116				S ON THE	NEXT PAGE	****						

DRAWING NUMBER 149011-800
 UNIT ASSEMBLY NAME CARD CAGE ASSY,CPU R.H.

STRING

UNIT ASSEMBLY NO. 149011
 FILE IDENT T3982CP2

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RECORD NUMBER	FROM				TO				WIRE				SIGNAL	SEQ NO	EQUATION	Z REF	B FACT	CKT OR CHIP TYPE	GROUP	LOAD GR 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											
17774		XA419	25		XA419	31				168	9		SPA116	07	C133C0	01	2	TQ2	B4		12B		
17775		XA419	31		XA419	34				168	9		SPA116	08	C144C0	01	2	TQ2	C3		15B		
17776		XA419	34		XA419	37				168	9		SPA116	09	C133E0	01	2	TQ2	C2		16A		
17777		XA419	37		XA433	65				168	9		SPA116	10	C157C0	01	2	TQ2	C4		18B		
17778		XA433	65										SPA116	11				RR1	G3				
17779		XA419	41		XA419	42				168	9		SPA117	01	C171C0	01	1	TQ2	D3		22B		
17780		XA419	42		XA419	47				168	9		SPA117	02	C133D0	01	1	TQ2	C1		20A		
17781		XA419	47		XA419	50				168	9		SPA117	03	C172C0	01	1	TQ2	D4		25B		
17782		XA419	50		XA419	53				168	9		SPA117	04	C170C0	01	1	TQ2	D2		23A		
17783		XA419	53		XA419	54				168	9		SPA117	05	C174E0	01	1	TQ2	E3		28B		
17784		XA419	54		XA419	59				168	9		SPA117	06	C166C0	01	2	TQ2	D1		25A		
17785		XA419	59		XA419	62				168	9		SPA117	07	C147C0	01	1	TQ2	E4		31B		
17786		XA419	62		XA419	70				168	9		SPA117	08	C174D0	01	2	TQ2	E2		29A		
17787		XA419	70		XA419	73				168	9		SPA117	09	C174C0	01	1	TQ2	E1		33A		
17788		XA419	73		XA433	66				168	9		SPA117	10	C044EA	01	1	TQ2	F2		36B		
17789		XA433	66										SPA117	11				RR1	G4				
17790		XA419	76		XA419	79				168	9		SPA118	01	C057EA	01	1	TQ2	F4		37A		
17791		XA419	79		XA421	23				168	9		SPA118	02	C033EA	01	1	TQ2	F1		39B		
17792		XA421	23		XA421	36				168	9		SPA118	03	CX67EA	01	1	TQ2	B4		11B		
17793		XA421	36		XA421	42				168	9		SPA118	04	CX70C0	01	1	TQ2	C2		17A		
17794		XA421	42		XA421	53				168	9		SPA118	05	CX67FA	01	1	TQ2	C1		20A		
17795		XA421	53		XA421	61				168	9		SPA118	06	C032C0	01	1	TQ2	E3		28B		
17796		XA421	61		XA421	64				168	9		SPA118	07	C032D0	01	2	TQ2	E4		32B		
17797		XA421	64		XA421	70				168	9		SPA118	08	C015C0	01	1	TQ2	E2		30A		
17798		XA421	70		XA433	71				168	9		SPA118	09	C014C0	01	1	TQ2	E1		33A		
17799		XA433	71										SPA118	10				RR1	H1				
17800		XA421	71		XA421	74				168	9		SPA119	01	C033D0	01	2	TQ2	F2		36A		
17801		XA421	74		XA421	78				168	9		SPA119	02	C044C0	01	2	TQ2	F3		35B		
17802		XA421	78		XA421	79				168	9		SPA119	03	C057C0	01	2	TQ2	F4		38A		
17803		XA421	79		XA423	03				168	9		SPA119	04	C033C0	01	1	TQ2	F1		39B		
17804		XA423	03		XA423	04				168	9		SPA119	05	CX32FA	01	1	TQ2	A3		02A		
17805		XA423	04		XA423	17				168	9		SPA119	06	CX32EA	01	1	TQ2	A2		04A		
17806		XA423	17		XA423	18				168	9		SPA119	07	CX34FA	01	1	TQ2	B3		08B		
17807		XA423	18		XA423	35				168	9		SPA119	08	CX34EA	01	2	TQ2	B2		10A		
17808		XA423	35		XA423	50				168	9		SPA119	09	CX40EA	01	1	TQ2	C4		17B		
17809		XA423	50		XA433	72				168	9		SPA119	10	CX41EA	01	1	TQ2	D2		23A		
17810		XA433	72										SPA119	11				RR1	G5				
17813		XA423	55		XA423	74				168	9		SPA120	01	CX45EA	01	2	TQ2	E3		29B		
17814		XA423	74		XA423	76				168	9		SPA120	02	CX55EA	01	2	TQ2	F3		35B		
17815		XA423	76		XA423	79				168	9		SPA120	03	CX56EA	01	1	TQ2	F4		37A		
17816		XA423	79		XA424	23				168	9		SPA120	04	CX46EA	01	1	TQ2	F1		39B		
17817		XA424	23		XA424	42				168	9		SPA120	05	CX15DA	01	1	TQ2	B4		11B		
17818		XA424	42		XA424	48				168	9		SPA120	06	CX15EA	01	1	TQ2	C1		20A		
17819		XA424	48		XA424	53				168	9		SPA120	07	CX21EA	01	2	TQ2	D2		22A		
17820		XA424	53		XA424	70				168	9		SPA120	08	CX24EA	01	1	TQ2	E3		28B		
17821		XA424	70		XA425	03				168	9		SPA120	09	CX23EA	01	1	TQ2	E1		33A		
										****	SIGNAL	SPA120			S ON THE			NEXT PAGE	****				

DRAWING NUMBER 149011-800
 UNIT ASSEMBLY NAME CARD CAGE ASSY, CPU R.H.

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UNIT ASSEMBLY NO 149011
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RECORD NUMBER	FROM				TO				WIRE				SIGNAL	SQ NO	EQUATION	TERMS	FACTS	CKT OR CHIP TYPE	GROUP	LOAD OR POWER PLANE	TEST POINTS AND/OR	SIGNAL DESCRIPTION	ECO NO
	PREFIX	CONNECTOR	PIN	WIRE NO	PREFIX	CONNECTOR	PIN	WIRE NO	MULTI GROUP	CODE	COLOR	DENT											
17822		XA425	03			XA433	73			168	9			SPA120	10	CX4XC0	01	1	TQ2	A3		02A	
17823		XA433	73							168	9			SPA120	11				RR1	H2			
17824		XA425	08			XA425	13			168	9			SPA121	01	CX1XCA	01	2	TQ2	A1		06A	
17825		XA425	13			XA425	17			168	9			SPA121	02	CX4XD0	01	2	TQ2	A4		06B	
17826		XA425	17			XA425	20			168	9			SPA121	03	CX5XA0	01	1	TQ2	B3		08B	
17827		XA425	20			XA425	25			168	9			SPA121	04	CX4XA0	01	1	TQ2	B2		11A	
17828		XA425	25			XA425	26			168	9			SPA121	05	CX5XC0	01	2	TQ2	B4		12B	
17829		XA425	26			XA425	29			168	9			SPA121	06	CX32C0	01	1	TQ2	B1		14A	
17830		XA425	29			XA425	34			168	9			SPA121	07	CX6XD0	01	1	TQ2	C3		14B	
17831		XA425	34			XA425	35			168	9			SPA121	08	CX6XC0	01	2	TQ2	C2		16A	
17832		XA425	35			XA425	42			168	9			SPA121	09	CX7XA0	01	1	TQ2	C4		17B	
17833		XA425	42			XA433	74			168	9			SPA121	10	CX6XA0	01	1	TQ2	C1		20A	
17834		XA433	74							168	9			SPA121	11				RR1	G6			
17835		XA425	43			XA425	48			168	9			SPA122	01	CX14C0	01	2	TQ2	D3		23B	
17836		XA425	48			XA425	49			168	9			SPA122	02	CX7XD0	01	2	TQ2	D2		22A	
17837		XA425	49			XA425	55			168	9			SPA122	03	CX15C0	01	2	TQ2	D4		26B	
17838		XA425	55			XA425	56			168	9			SPA122	04	CX21C0	01	2	TQ2	E3		29B	
17839		XA425	56			XA425	61			168	9			SPA122	05	CX7XC0	01	1	TQ2	D1		26A	
17840		XA425	61			XA425	64			168	9			SPA122	06	CX23C0	01	2	TQ2	E4		32B	
17841		XA425	64			XA425	70			168	9			SPA122	07	CX15E0	01	1	TQ2	E2		30A	
17842		XA425	70			XA425	71			168	9			SPA122	08	CX15D0	01	1	TQ2	E1		33A	
17843		XA425	71			XA425	74			168	9			SPA122	09	CX31C0	01	2	TQ2	F2		36A	
17844		XA425	74			XA433	75			168	9			SPA122	10	CX34C0	01	2	TQ2	F3		35B	
17845		XA433	75							168	9			SPA122	11				RR1	H3			
17846		XA425	78			XA425	79			168	9			SPA123	01	CX40C0	01	2	TQ2	F4		38A	
17847		XA425	79			XA426	03			168	9			SPA123	02	CX24C0	01	1	TQ2	F1		39B	
17848		XA426	03			XA426	05			168	9			SPA123	03	CX1XA0	01	1	TQ2	A3		02A	
17849		XA426	05			XA426	10			168	9			SPA123	04	CX0XC0	01	2	TQ2	A2		03B	
17850		XA426	10			XA426	13			168	9			SPA123	05	CX0XA0	01	1	TQ2	A1		07A	
17851		XA426	13			XA426	17			168	9			SPA123	06	CX1XC0	01	2	TQ2	A4		06B	
17852		XA426	17			XA426	20			168	9			SPA123	07	CX2XC0	01	1	TQ2	B3		08B	
17853		XA426	20			XA426	25			168	9			SPA123	08	CX2XA0	01	1	TQ2	B2		11A	
17854		XA426	25			XA426	26			168	9			SPA123	09	CX2XD0	01	2	TQ2	B4		12B	
17855		XA426	26			XA433	76			168	9			SPA123	10	CX1XD0	01	1	TQ2	B1		14A	
17856		XA433	76							168	9			SPA123	11				RR1	H4			
17857		XA426	29			XA426	34			168	9			SPA124	01	CX3XD0	01	1	TQ2	C3		14B	
17858		XA426	34			XA426	35			168	9			SPA124	02	CX3XC0	01	2	TQ2	C2		16A	
17859		XA426	35			XA426	41			168	9			SPA124	03	CX5D0	01	1	TQ2	C4		17B	
17860		XA426	41			XA426	42			168	9			SPA124	04	CX1A0	01	1	TQ2	D3		22B	
17861		XA426	42			XA426	48			168	9			SPA124	05	CX3XA0	01	1	TQ2	C1		20A	
17862		XA426	48			XA426	49			168	9			SPA124	06	CX0C0	01	2	TQ2	D2		22A	
17863		XA426	49			XA426	53			168	9			SPA124	07	CX1C0	01	2	TQ2	D4		26B	
17864		XA426	53			XA426	56			168	9			SPA124	08	CX3A0	01	1	TQ2	E3		28B	
17865		XA426	56			XA426	61			168	9			SPA124	09	CX0A0	01	1	TQ2	D1		26A	
17866		XA426	61			XA433	77			168	9			SPA124	10	CX3C0	01	2	TQ2	E4		32B	
17867		XA433	77							168	9			SPA124	11				RR1	H5			

DRAWING NUMBER		149011-800		STRING		UNIT ASSEMBLY NO.		149011		REV		D		INDEX		SPA124				
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RECORD NUMBER	FROM	TO	WIRE	SIGNAL	SEQ NO	EQUATION	TER	FACT	CKT OR CHIP TYPE	GROUP	LOAD OR POWER PLANE	TEST POINTS AND OP	SIGNAL DESCRIPTION	ECO NO						
	PREFIX	CONNECTOR	PIN	PREFIX	CONNECTOR	PIN	MULTI GROUP	CODE	COLOR	IDENT	WIRE									
17868		XA426	62		XA426	65		168	9				SPA125	01	CXX2C0	01	2	TQ2	E2	29A
17869		XA426	65		XA426	70		168	9				SPA125	02	CXX7A0	01	1	TQ2	F3	34B
17870		XA426	70		XA426	71		168	9				SPA125	03	CXX2A0	01	1	TQ2	E1	33A
17871		XA426	71		XA426	78		168	9				SPA125	04	CXX4C0	01	2	TQ2	F2	36A
17872		XA426	78		XA426	79		168	9				SPA125	05	CXX7C0	01	2	TQ2	F4	38A
17873		XA426	79		XA427	71		168	9				SPA125	06	CXX4A0	01	1	TQ2	F1	35B
17874		XA427	71		XA427	78		168	9				SPA125	07	CX55CA	01	1	TT3	F2	36A
17875		XA427	78		XA428	05		168	9				SPA125	08	CX56CA	01	3	TT3	F3	38A
17876		XA428	05		XA428	10		168	9				SPA125	09	CCBHLO	01	2	TQ2	A2	03B
17877		XA428	10		XA433	78		168	9				SPA125	10	CCDTR0	01	1	TQ2	A1	07A
17878		XA433	78					168	9				SPA125	11				RR1	H6	
17879		XA428	13		XA428	17		168	9				SPA126	01	CDB430	01	2	TQ2	A4	06B
17880		XA428	17		XA428	20		168	9				SPA126	02	CCE0E0	01	1	TQ2	B3	08B
17881		XA428	20		XA428	23		168	9				SPA126	03	CCE0D0	01	1	TQ2	B2	11A
17882		XA428	23		XA428	24		168	9				SPA126	04	CCE0F0	01	1	TQ2	B4	11B
17883		XA428	24		XA428	29		168	9				SPA126	05	CCE0C0	01	2	TQ2	B1	13A
17884		XA428	29		XA428	37		168	9				SPA126	06	CCE1C0	01	1	TQ2	C3	14B
17886		XA428	37		XA428	42		168	9				SPA126	08	CCE1D0	01	2	TQ2	C4	18B
17887		XA428	42		XA522	48		168	9				SPA126	09	CCE0G0	01	1	TQ2	C1	20A
17888		XA522	48					168	9				SPA126	10				RR1	E4	
17889		XA428	43		XA428	47		168	9				SPA127	01	CCE1G0	01	2	TQ2	D3	23B
17890		XA428	47		XA428	50		168	9				SPA127	02	CCE1H0	01	1	TQ2	D4	25B
17891		XA428	50		XA428	53		168	9				SPA127	03	CCE1F0	01	1	TQ2	D2	23A
17892		XA428	53		XA428	56		168	9				SPA127	04	CXX6A0	01	1	TQ2	E3	28B
17893		XA428	56		XA428	61		168	9				SPA127	05	CCE1E0	01	1	TQ2	D1	26A
17894		XA428	61		XA428	62		168	9				SPA127	06	CXX6C0	01	2	TQ2	E4	32B
17895		XA428	62		XA428	70		168	9				SPA127	07	CXX5C0	01	2	TQ2	E2	29A
17896		XA428	70		XA428	73		168	9				SPA127	08	CXX5A0	01	1	TQ2	E1	33A
17897		XA428	73		XA428	74		168	9				SPA127	09	CCM0D0	01	1	TQ2	F2	36B
17898		XA428	74		XA522	51		168	9				SPA127	10	CCS2R0	01	2	TQ2	F3	35B
17899		XA522	51					168	9				SPA127	11				RR1	F1	
17900		XA428	78		XA428	79		168	9				SPA128	01	CX56C0	01	2	TQ2	F4	38A
17901		XA428	79		XA429	26		168	9				SPA128	02	CCMSC0	01	1	TQ2	F1	39B
17902		XA429	26		XA429	30		168	9				SPA128	03	CCBLLA	01	1	TD4	B1	14A
17903		XA429	30		XA429	38		168	9				SPA128	04	CX70CA	01	3	TD4	C2	15A
17904		XA429	38		XA429	55		168	9				SPA128	05	CX67C0	01	3	TD4	C1	18A
17905		XA429	55		XA429	68		168	9				SPA128	06	CCS1CA	01	4	TD4	E2	29B
17906		XA429	68		XA430	03		168	9				SPA128	07	CCS2RA	01	2	TD4	E1	32A
17907		XA430	03		XA430	05		168	9				SPA128	08	CX45C0	01	1	TQ2	A3	02A
17908		XA430	05		XA430	08		168	9				SPA128	09	CX42C0	01	2	TQ2	A2	03B
17909		XA430	08		XA522	52		168	9				SPA128	10	CX41C0	01	2	TQ2	A1	06A
17910		XA522	52					168	9				SPA128	11				RR1	E5	
17911		XA429	34		XA429	40		168	9				SPA129	01	CX70CA	01	2	TD4	C2	16A
17912		XA429	40		XA430	11		168	9				SPA129	02	CX67C0	01	2	TD4	C1	19A
								****		SIGNAL			(SPA129)					IS ON THE	NEXT PAGE	****

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RECORD NUMBER	FROM				TO				WIRE				SIGNAL	SFC NO	EQUATION	TYPE	FACTOR	CMT OR CHIP TYPE	GROUP	LOAD OR POWER PLANE	TEST POINTS AND/OR	SIGNAL DESCRIPTION	ECO NO
	PREFIX	CONNECTOR	PIN	WIRE NO	PREFIX	CONNECTOR	PIN	WIRE NO	MULTI GROUP	CODE	COLOR	IDENT											
17913		XA430	11		XA430	17		168	9				SPA129	03	CX46C0	01	1	TQ2	A4		05B		
17914		XA430	17		XA430	20		168	9				SPA129	04	CC8LLO	01	1	TQ2	B3		08B		
17915		XA430	20		XA430	25		168	9				SPA129	05	CCE1CA	01	1	TQ2	B2		11A		
17916		XA430	25		XA430	26		168	9				SPA129	06	CC8LMO	01	2	TQ2	B4		12B		
17917		XA430	26		XA430	34		168	9				SPA129	07	CCE0CA	01	1	TQ2	B1		14A		
17918		XA430	34		XA430	37		168	9				SPA129	08	CCBLV0	01	2	TQ2	C2		16A		
17919		XA430	37		XA430	42		168	9				SPA129	09	CX33C0	01	2	TQ2	C4		18B		
17920		XA430	42		XA522	53		168	9				SPA129	10	CCBLU0	01	1	TQ2	C1		20A		
17921		XA522	53					168	9				SPA129	11				RR1	F2				
17938		XA429	42		XA430	43		168	9				SPA130	01	CX67C0	01	1	TD4	C1		20A		
17939		XA430	43		XA430	47		168	9				SPA130	02	CC11Q0	01	2	TQ2	D3		23B		
17940		XA430	47		XA430	50		168	9				SPA130	03	CC12Q0	01	1	TQ2	D4		25B		
17941		XA430	50		XA430	53		168	9				SPA130	04	CC10Q0	01	1	TQ2	D2		23A		
17942		XA430	53		XA430	54		168	9				SPA130	05	CX55C0	01	1	TQ2	E3		28B		
17943		XA430	54		XA430	59		168	9				SPA130	06	CC09Q0	01	2	TQ2	D1		25A		
17944		XA430	59		XA431	17		168	9				SPA130	07	CC08Q0	01	1	TQ2	E4		31B		
17945		XA431	17		XA431	27		168	9				SPA130	08	CC01BQ	01	1	TDD	DQ		08B		
17946		XA431	27		XA431	29		168	9				SPA130	09	CC00BQ	01	1	TDD	CQ		13B		
17947		XA431	29		XA522	54		168	9				SPA130	10	CC03BQ	01	1	TDD	FQ		14B		
17948		XA522	54					168	9				SPA130	11				RR1	E6				
17945		XA431	39		XA431	41		168	9				SPA131	01	CC02BQ	01	1	TDD	EQ		19B		
17950		XA431	41		XA431	51		168	9				SPA131	02	CC05BQ	01	1	TDD	HQ		22B		
17951		XA431	51		XA431	53		168	9				SPA131	03	CC04BQ	01	1	TDD	GQ		27B		
17952		XA431	53		XA431	63		168	9				SPA131	04	CC07BQ	01	1	TDD	KQ		28B		
17953		XA431	63		XA431	65		168	9				SPA131	05	CC06BQ	01	1	TDD	JQ		33B		
17954		XA431	65		XA431	80		168	9				SPA131	06	CC09BQ	01	1	TDD	MQ		34B		
17955		XA431	80		XA432	03		168	9				SPA131	07	CC08BQ	01	1	TDD	LO		35A		
17956		XA432	03		XA432	15		168	9				SPA131	08	CTGM8Q	01	1	TDD	BQ		02A		
17957		XA432	15		XA432	17		168	9				SPA131	09	CY1M8Q	01	1	TDD	AQ		07B		
17958		XA432	17		XA520	45		168	9				SPA131	10	CMT2BQ	01	1	TDD	DQ		08B		
17955		XA520	45					168	9				SPA131	11				RR1	E2				
17960		XA432	27		XA432	39		168	9				SPA132	01	CMT1BQ	01	1	TDD	CQ		13B		
17961		XA432	39		XA432	41		168	9				SPA132	02	CMT3BQ	01	1	TDD	EQ		19B		
17962		XA432	41		XA432	51		168	9				SPA132	03	CC11BQ	01	1	TDD	HQ		22B		
17963		XA432	51		XA432	53		168	9				SPA132	04	CC10BQ	01	1	TDD	GQ		27B		
17964		XA432	53		XA432	63		168	9				SPA132	05	CC13BQ	01	1	TDD	KQ		28B		
17965		XA432	63		XA432	65		168	9				SPA132	06	CC12BQ	01	1	TDD	JQ		33B		
17966		XA432	65		XA432	80		168	9				SPA132	07	CC15BQ	01	1	TDD	MQ		34B		
17967		XA432	80		XA435	05		168	9				SPA132	08	CC14BQ	01	1	TDD	LQ		39A		
17968		XA435	05		XA520	46		168	9				SPA132	09	CMT29Q	01	2	TQ2	A2		03B		
17969		XA520	46					168	9				SPA132	10				RR1	D6				
17970		XA435	10		XA435	40		168	9				SPA133	01	CMT19Q	01	1	TQ2	A1		07A		
17971		XA435	40		XA435	78		168	9				SPA133	02	C452CA	01	2	TQ2	C1		19A		
17972		XA435	78		XA436	05		168	9				SPA133	03	C457LA	01	2	TQ2	F4		38A		
17973		XA436	05		XA436	18		168	9				SPA133	04	CMT49Q	01	5	TS8	A1		03B		
17974		XA436	18		XA436	31		168	9				SPA133	05	C457DA	01	5	TS8	B1		10A		
								****		SIGNAL		(SPA133			S ON THE		NEXT PAGE	****					

DRAWING NUMBER UNIT ASSEMBLY NAME		149011-800 CARD CAGE ASSY,CPU R.H.										STRING		UNIT ASSEMBLY NO FILE IDENT		149011 T39B2CP2		REV D DATE		INDEX PAGE		SPA133 365		
RECORD NUMBER	FROM			TO			WIRE		MULTI GROUP	CODE	COLOR	IDENT	SIGNAL	SEQ NO	EQUATION	TEST	FACTOR	CHY OR CHIP TYPE	GROUP	LOAD OR POWER PLANE	TEST POINTS		SIGNAL DESCRIPTION	ECO NO
	PREFIX	CONNECTOR	PIN	PREFIX	CONNECTOR	PIN	WIRE	AND/OR													AND/OR			
17975		XA436	31		XA436	66							SPA133	06	C451K0	01	7	TS8	C1			15B		
17977		XA436	66		XA437	07							SPA133	08	C462F0	01	3	TS8	E1			31A		
17978		XA437	07		XA437	18							SPA133	09	C462J0	01	4	TD4	A2			03A		
17979		XA437	18		XA520	47							SPA133	10	C462CA	01	2	TD4	B2			10A		
17980		XA520	47										SPA133	11				RR1	E3					
17981		XA431	04		XA435	43							SPA134	01	CTRJBP	01	1	TDD	8P			04A		
17982		XA435	43		XA437	26							SPA134	02	C463F0	01	2	TQ2	D3			23B		
17983		XA437	26		XA437	55							SPA134	03	C459D0	01	1	TD4	B1			14A		
17984		XA437	55		XA438	61							SPA134	04	C455D0	01	4	TD4	E2			29B		
17985		XA438	61		XA438	62							SPA134	05	C457R0	01	3	TT3	E3			32B		
17986		XA438	62		XA439	18							SPA134	06	C457N0	01	1	TT3	E2			29A		
17987		XA439	18		XA439	61							SPA134	07	C450J0	01	5	TS8	B1			10A		
17988		XA439	61		XA440	36							SPA134	08	C453D0	01	8	TS8	E1			32B		
17989		XA440	36		XA520	48							SPA134	09	C450CA	01	1	TQ2	C2			17A		
17990		XA520	48										SPA134	10				RR1	E4					
17991		XA436	08		XA439	22							SPA135	01	CMT490	01	2	TS8	A1			06A		
17992		XA439	22		XA439	52							SPA135	02	C450J0	01	3	TS8	B1			12A		
17993		XA439	52		XA439	68							SPA135	03	C452C0	01	3	TS8	D1			24A		
17994		XA439	68		XA440	62							SPA135	04	C453D0	01	2	TS8	E1			32A		
17995		XA440	62		XA442	62							SPA135	05	C457CA	01	2	TQ2	C2			29A		
17996		XA442	62		XA442	71							SPA135	06	C424K0	01	5	TS8	E1			29A		
17997		XA442	71		XA443	01							SPA135	07	C424L0	01	5	TS8	F1			36A		
17998		XA443	01		XA443	14							SPA135	08	C404L0	01	6	TS8	A1			02B		
17999		XA443	14		XA443	30							SPA135	09	C400DA	01	6	TS8	B1			09A		
18000		XA443	30		XA520	51							SPA135	10	C401DA	01	6	TS8	C1			15A		
18001		XA520	51										SPA135	11				RR1	F1					
18002		XA436	10		XA439	24							SPA136	01	CMT490	01	1	TS8	A1			07A		
18003		XA439	24		XA439	70							SPA136	02	C450J0	01	2	TS8	B1			13A		
18004		XA439	70		XA442	64							SPA136	03	C453D0	01	1	TS8	E1			33A		
18005		XA442	64		XA442	77							SPA136	04	C424K0	01	4	TS8	E1			30A		
18006		XA442	77		XA443	05							SPA136	05	C424L0	01	2	TS8	F1			38B		
18007		XA443	05		XA443	18							SPA136	06	C404L0	01	5	TS8	A1			03B		
18008		XA443	18		XA443	34							SPA136	07	C400DA	01	5	TS8	B1			10A		
18009		XA443	34		XA443	48							SPA136	08	C401DA	01	5	TS8	C1			16A		
18010		XA443	48		XA443	68							SPA136	09	C402DA	01	5	TS8	D1			22A		
18011		XA443	68		XA520	52							SPA136	10	C403DA	01	2	TS8	E1			32A		
18012		XA520	52										SPA136	11				RR1	E5					
18013		XA442	66		XA443	19							SPA137	01	C424K0	01	3	TS8	E1			31A		
18014		XA443	19		XA443	36							SPA137	02	C400DA	01	7	TS8	B1			09B		
18015		XA443	36		XA443	50							SPA137	03	C401DA	01	4	TS8	C1			17A		
18016		XA443	50		XA443	70							SPA137	04	C402DA	01	4	TS8	D1			23A		
18017		XA443	70		XA443	77							SPA137	05	C403DA	01	1	TS8	E1			33A		
18018		XA443	77		XA444	20							SPA137	06	C404C0	01	2	TS8	F1			38B		
18019		XA444	20		XA444	26							SPA137	07	CNG58A	01	1	TQ2	B2			11A		
18020		XA444	26		XA445	03							SPA137	08	C406CA	01	1	TQ2	B1			14A		
18021		XA445	03		XA445	10							SPA137	09	CNG38A	01	1	TQ2	A3			02A		
													****	SIGNAL	SPA137							IS ON THE	NEXT PAGE	****

DRAWING NUMBER 149011-800
 UNIT ASSEMBLY NAME CARD CAGE ASSY, CPU R.H.

STRING

UNIT ASSEMBLY NO 149011
 FILE IDENT T39B2CP2

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RECORD NUMBER	FROM				TO				WIRE				SIGNAL	SEQ NO	EQUATION	TERM	PARTS	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											
18022		XA445	10		XA520	53				168	9		SPA137	10	CMG08A	01	1	TQ2	A1		07A		
18023		XA520	53							168	9		SPA137	11				RR1	F2				
18024		XA443	52		XA445	11				168	9		SPA138	01	C4020A	01	3	TS8	D1		24A		
18025		XA445	11		XA445	19				168	9		SPA138	02	CMG48A	01	1	TQ2	A4		09B		
18026		XA445	19		XA445	20				168	9		SPA138	03	CMG78A	01	2	TQ2	B3		09B		
18027		XA445	20		XA445	47				168	9		SPA138	04	CMG68A	01	1	TQ2	B2		11A		
18028		XA445	47		XA445	64				168	9		SPA138	05	C405C0	01	1	TQ2	D4		29B		
18029		XA445	64		XA445	70				168	9		SPA138	06	C41400	01	1	TQ2	E2		30A		
18030		XA445	70		XA447	71				168	9		SPA138	07	C407HA	01	1	TQ2	E1		33A		
18031		XA447	71		XA347	01				168	9		SPA138	08	C450LA	01	2	TQ4	F2		36A		
18032		XA347	01		XA347	36				168	9		SPA138	09	CMG090	01	6	TS8	A1		02B		
18033		XA347	36		XA520	54				168	9		SPA138	10	CMG390	01	4	YS8	C1		17A		
18034		XA520	54							168	9		SPA138	11				RR1	E6				
18035		XA404	08		XA404	26				168	9		SPA139	01	CM0690	01	2	TS8	A1		06A		
18036		XA404	26		XA501	10				168	9		SPA139	02	CM0890	01	1	TS8	B1		14A		
18037		XA501	10		XA501	17				168	9		SPA139	03	PA02DA	01	1	TQ2	A1		07A		
18038		XA501	17		XA501	36				168	9		SPA139	04	PA03DA	01	1	TQ2	B3		08B		
18039		XA501	36		XA501	37				168	9		SPA139	05	PA00CA	01	1	TQ2	C2		17A		
18040		XA501	37		XA502	30				168	9		SPA139	06	PA03JA	01	2	TQ2	C4		18B		
18041		XA502	30		XA502	64				168	9		SPA139	07	PLE3CA	01	6	TS8	C1		15A		
18042		XA502	64		XA502	77				168	9		SPA139	08	PC06CA	01	4	TS8	E1		30A		
18043		XA502	77		XA520	55				168	9		SPA139	09	PC05CA	01	2	TS8	F1		38B		
18044		XA520	55							168	9		SPA139	10				RR1	F3				
18045		XA502	34		XA502	78				168	9		SPA140	01	PLE3CA	01	5	TS8	C1		16A		
18046		XA502	78		XA503	08				168	9		SPA140	02	PC05CA	01	8	TS8	F1		38A		
18047		XA503	08		XA503	17				168	9		SPA140	03	PA03GA	01	2	TQ2	A1		06A		
18048		XA503	17		XA503	20				168	9		SPA140	04	PA02KA	01	1	TQ2	B3		08B		
18049		XA503	20		XA503	34				168	9		SPA140	05	PA02GA	01	1	TQ2	B2		11A		
18050		XA503	34		XA503	35				168	9		SPA140	06	PA03EA	01	2	TQ2	C2		16A		
18051		XA503	35		XA503	56				168	9		SPA140	07	PA03MA	01	1	TQ2	C4		17B		
18052		XA503	56		XA505	03				168	9		SPA140	08	PA03PA	01	1	TQ2	D1		26A		
18053		XA505	03		XA520	56				168	9		SPA140	09	PA01EA	01	1	TQ2	A3		02A		
18054		XA520	56							168	9		SPA140	10				RR1	F4				
18055		XA502	79		XA505	05				168	9		SPA141	01	PC05CA	01	1	TS8	F1		39B		
18056		XA505	05		XA505	08				168	9		SPA141	02	PA01CA	01	2	TQ2	A2		03B		
18057		XA505	08		XA505	13				168	9		SPA141	03	PAUCTO	01	2	TQ2	A1		06A		
18058		XA505	13		XA505	26				168	9		SPA141	04	PA02CA	01	2	TQ2	A4		06B		
18059		XA505	26		XA505	31				168	9		SPA141	05	PL0590	01	1	T32	B1		14A		
18060		XA505	31		XA505	34				168	9		SPA141	06	PL0390	01	2	TQ2	C3		15B		
18061		XA505	34		XA505	37				168	9		SPA141	07	PL0300	01	2	TQ2	C2		16A		
18062		XA505	37		XA505	42				168	9		SPA141	08	PL0490	01	2	TQ2	C4		18B		
18063		XA505	42		XA505	48				168	9		SPA141	09	PL0290	01	1	TQ2	C1		20A		
18064		XA505	48		XA520	61				168	9		SPA141	10	PL00RA	01	2	TQ2	D2		22A		
18065		XA520	61							168	9		SPA141	11				RR1	G1				
18066		XA505	49		XA505	55				168	9		SPA142	01	PL0190	01	2	TQ2	D4		26B		
										****		SIGNAL	(SPA142		IS ON THE						****		

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UNIT ASSEMBLY NAME		CARD CAGE ASSY,CPU R.H.		FILE IDENT		T39B2CP2		DATE		09-03-82		PAGE		367										
RECORD NUMBER	FROM				TO				MULTI WIRE	CODE	COLOR	IDENT	SIGNAL	SFC NO	EQUATION	TERM	FAC	CKT OR CHIP TYPE	PROP	LOAD OR POWER PLANE	TEST POINTS AND/OR	SIGNAL DESCRIPTION	ECO NO	
	PREFIX	CONNECTOR	PIN	WIRE	PREFIX	CONNECTOR	PIN	WIRE																
18067		XA505	55		XA505	56		16B	9				SPA142	02	PLDBT0	01	2	TQ2	E3		29B			
18068		XA505	56		XA505	61		16B	9				SPA142	03	PLE3C0	01	1	TQ2	D1			26A		
18069		XA505	61		XA505	64		16B	9				SPA142	04	PLPTD0	01	2	TQ2	E4			32B		
18070		XA505	64		XA505	70		16B	9				SPA142	05	PT0990	01	1	TQ2	E2			30A		
18071		XA505	70		XA507	03		16B	9				SPA142	06	PT0890	01	1	TQ2	E1			33A		
18072		XA507	03		XA507	42		16B	9				SPA142	07	PL06Q0	01	1	TQ2	A3			02A		
18073		XA507	42		XA507	49		16B	9				SPA142	08	PLE2C0	01	1	TQ2	C1			20A		
18074		XA507	49		XA507	79		16B	9				SPA142	09	PL02Q0	01	2	TQ2	D4			26B		
18075		XA507	79		XA520	62		16B	9				SPA142	10	PT03Q0	01	1	TQ2	F1			39B		
18076		XA520	62					16B	9				SPA142	11				RR1	F5					
18077		XA508	01		XA508	30		16B	9				SPA143	01	PQ06C0	01	6	TS8	A1			02B		
18078		XA508	30		XA508	77		16B	9				SPA143	02	PLE2CA	01	6	TS8	C1			15A		
18079		XA508	77		XA509	41		16B	9				SPA143	03	PQ0390	01	2	TS8	F1			38B		
18080		XA509	41		XA509	49		16B	9				SPA143	04	PQ16C0	01	1	TQ2	D3			22B		
18081		XA509	49		XA509	53		16B	9				SPA143	05	PTDBT0	01	2	TQ2	D4			26B		
18082		XA509	53		XA509	59		16B	9				SPA143	06	PT00C0	01	1	TQ2	E3			28B		
18083		XA509	59		XA509	70		16B	9				SPA143	07	PT0090	01	1	TQ2	E4			31B		
18084		XA509	70		XA520	63		16B	9				SPA143	08	PTLCNA	01	1	TQ2	E1			33A		
18085		XA520	63					16B	9				SPA143	09				RR1	G2					
18086		XA508	34		XA508	64		16B	9				SPA144	01	PLE2CA	01	5	TS8	C1			16A		
18087		XA508	64		XA508	79		16B	9				SPA144	02	PTLCN0	01	4	TS8	E1			30A		
18088		XA508	79		XA509	73		16B	9				SPA144	03	PQ0390	01	1	TS8	F1			39B		
18089		XA509	73		XA509	78		16B	9				SPA144	04	PT02Q0	01	1	TQ2	F2			36B		
18090		XA509	78		SPA144	79		16B	9				SPA144	05	PT022A	01	2	TQ2	F4			38A		
18091		XA509	79		XA511	04		16B	9				SPA144	06	PT0190	01	1	TQ2	F1			39B		
18092		XA511	04		XA511	07		16B	9				SPA144	07	PQ07M0	01	1	TQ2	A2			04A		
18093		XA511	07		XA511	13		16B	9				SPA144	08	PQ08M0	01	2	TQ2	A3			03A		
18094		XA511	13		XA520	64		16B	9				SPA144	09	PQ09M0	01	2	TQ2	A4			06B		
18095		XA520	64					16B	9				SPA144	10				RR1	F6					
18096		XA508	52		XA511	55		16B	9				SPA145	01	PLE1QA	01	3	TS8	D1			24A		
18097		XA511	55		XA511	61		16B	9				SPA145	02	PTDB20	01	2	TQ2	E3			29B		
18098		XA511	61		XA511	64		16B	9				SPA145	03	PTDB30	01	2	TQ2	E4			32B		
18099		XA511	64		XA511	70		16B	9				SPA145	04	PTDB10	01	1	TQ2	E2			30A		
18100		XA511	70		XA512	07		16B	9				SPA145	05	PTDB00	01	1	TQ2	E1			33A		
18101		XA512	07		XA512	22		16B	9				SPA145	06	PQ0C0Z	01	7	TS8	A1			03A		
18102		XA512	22		XA512	36		16B	9				SPA145	07	PQ002A	01	3	TS8	B1			12A		
18103		XA512	36		XA512	46		16B	9				SPA145	08	PQ031A	01	4	TS8	C1			17A		
18104		XA512	46		XA520	65		16B	9				SPA145	09	PQ032A	01	6	TS8	D1			21A		
18105		XA520	65					16B	9				SPA145	10				RR1	G3					
18106		XA512	13		XA512	24		16B	9				SPA146	01	PQ0C0Z	01	8	TS8	A1			06B		
18107		XA512	24		XA512	38		16B	9				SPA146	02	PQ002A	01	2	TS8	B1			13A		
18108		XA512	38		XA512	48		16B	9				SPA146	03	PQ031A	01	3	TS8	C1			18A		
18109		XA512	48		XA512	64		16B	9				SPA146	04	PQ032A	01	5	TS8	D1			22A		
18110		XA512	64		XA512	77		16B	9				SPA146	05	PQ024A	01	4	TS8	E1			30A		
18111		XA512	77		XA514	03		16B	9				SPA146	06	PQ053A	01	2	TS8	F1			38B		
18112		XA514	03		XA514	04		16B	9				SPA146	07	PQDB00	01	1	TQ2	A3			02A		
								****		SIGNAL		SPA146			IS ON THE		NEXT PAGE		****					

3-2070-1

DRAWING NUMBER 149011-800
 UNIT ASSEMBLY NAME CARD CAGE ASSY,CPU R.H.

STRING

UNIT ASSEMBLY NO. 149011
 FILE IDENT T39B2CP2

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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	WIRE NO	PREFIX	CONNECTOR	PIN	WIRE NO	MULTI GROUP	CODE	COLOR	IDENT											
18159		XA518	27		XA518	29				168	9		SPA151	01	PQ15BQ	01	1	TDD	CQ		13B		
18160		XA518	29		XA518	41				168	9		SPA151	02	PL01BQ	01	1	TDD	FQ		14B		
18161		XA518	41		XA518	51				168	9		SPA151	03	PL03BQ	01	1	TDD	HQ		22B		
18162		XA518	51		XA518	53				168	9		SPA151	04	PL02BQ	01	1	TDD	GQ		27B		
18163		XA518	53		XA518	63				168	9		SPA151	05	PL05BQ	01	1	TDD	KQ		28B		
18164		XA518	63		XA518	80				168	9		SPA151	06	PL04BQ	01	1	TDD	JQ		33B		
18165		XA518	80		XA519	03				168	9		SPA151	07	PL06BQ	01	1	TDD	LQ		39A		
18166		XA519	03		XA519	15				168	9		SPA151	08	PQ02BQ	01	1	TDD	BQ		02A		
18167		XA519	15		XA519	17				168	9		SPA151	09	PQ01BQ	01	1	TDD	AQ		07B		
18168		XA519	17		XA520	75				168	9		SPA151	10	PQ04BQ	01	1	TDD	OQ		08B		
18169		XA520	75							168	9		SPA151	11				RR1	H3				
18170		XA504	54		XA510	22				168	9		SPA152	01	PQ023A	01	2	TT3	D1		25A		
18171		XA510	22		XA510	45				168	9		SPA152	02	PQ004A	01	3	TT3	B1		12A		
18172		XA510	45		XA510	56				168	9		SPA152	03	PQ043A	01	1	TT3	D3		24B		
18173		XA510	56		XA513	38				168	9		SPA152	04	PQ013A	01	1	TT3	D1		26A		
18174		XA513	38		XA519	41				168	9		SPA152	05	PQ055A	01	3	TD4	C1		18A		
18175		XA519	41		XA519	51				168	9		SPA152	06	PQ08BQ	01	1	TDD	HQ		22B		
18176		XA519	51		XA519	53				168	9		SPA152	07	PQ07BQ	01	1	TDD	GQ		27B		
18177		XA519	53		XA519	63				168	9		SPA152	08	PQ10BQ	01	1	TDD	KQ		28B		
18178		XA519	63		XA519	65				168	9		SPA152	09	PQ09BQ	01	1	TDD	JQ		33B		
18179		XA519	65		XA520	76				168	9		SPA152	10	PQ12BQ	01	1	TDD	MQ		34B		
18180		XA520	76							168	9		SPA152	11				RR1	H4				
18181		XA519	27		XA519	29				168	9		SPA153	01	PQ03BQ	01	1	TDD	CQ		13B		
18182		XA519	29		XA519	39				168	9		SPA153	02	PQ06BQ	01	1	TDD	FQ		14B		
18183		XA519	39		XA519	80				168	9		SPA153	03	PQ05BQ	01	1	TDD	EQ		19B		
18184		XA519	80		XA520	77				168	9		SPA153	04	PQ11BQ	01	1	TDD	LQ		39A		
18185		XA520	77		XA523	03				168	9		SPA153	05				RR1	H5				
18186		XA523	03		XA523	15				168	9		SPA153	06	CMP2BQ	01	1	TDD	BQ		02A		
18187		XA523	15		XA523	17				168	9		SPA153	07	CMP1BQ	01	1	TDD	AQ		07B		
18188		XA523	17		XA523	27				168	9		SPA153	08	CMQ1BQ	01	1	TDD	DQ		08B		
18189		XA523	27		XA523	39				168	9		SPA153	09	CMP3BQ	01	1	TDD	CQ		13B		
18190		XA523	39		XA523	51				168	9		SPA153	10	CMQ2BQ	01	1	TDD	EQ		19B		
18191		XA523	51							168	9		SPA153	11	CN12BQ	01	1	TDD	GQ		27B		
18192		XA522	55		XA523	53				168	9		SPA154	01				RR1	F3				
18193		XA523	53		XA523	63				168	9		SPA154	02	CN14BQ	01	1	TDD	KQ		28B		
18194		XA523	63		XA523	65				168	9		SPA154	03	CN13BQ	01	1	TDD	JQ		33B		
18195		XA523	65		XA523	80				168	9		SPA154	04	PQ00BQ	01	1	TDD	MQ		34B		
18196		XA523	80		XA524	17				168	9		SPA154	05	CN15BQ	01	1	TDD	LQ		39A		
18197		XA524	17		XA524	27				168	9		SPA154	06	CN03BQ	01	1	TDD	DQ		08B		
18198		XA524	27		XA524	29				168	9		SPA154	07	CN02BQ	01	1	TDD	CQ		13B		
18199		XA524	29		XA524	39				168	9		SPA154	08	CN05BQ	01	1	TDD	FQ		14B		
18200		XA524	39		XA524	41				168	9		SPA154	09	CN04BQ	01	1	TDD	EQ		19B		
18201		XA524	41		XA524	51				168	9		SPA154	10	CN07BQ	01	1	TDD	HQ		22B		
18202		XA524	51							168	9		SPA154	11	CN06BQ	01	1	TDD	GQ		27B		
18203		XA513	42		XA522	56				168	9		SPA155	01	PQ055A	01	1	TD4	C1		20A		
18204		XA522	56		XA523	66				168	9		SPA155	02				RR1	F4				
										****	SIGNAL	SPA155			IS ON THE NEXT PAGE	****							

DRAWING NUMBER 149011-800
 UNIT ASSEMBLY NAME CARD CAGE ASSY,CPU R.H.

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RECORD NUMBER	FROM				TO				WIRE				SIGNAL	SFO NO	EQUATION	YR	FAC	CMT OR CHIP TYPE	PROP	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											
18205		XA523	66		XA524	04		168	9				SPA155	03	CN138P	01	1	T00	JP		31A		
18206		XA524	04		XA524	06		168	9				SPA155	04	CN018P	01	1	T00	BP		04A		
18207		XA524	06		XA524	53		168	9				SPA155	05	CN008P	01	1	T00	AP		05A		
18208		XA524	53		XA524	65		168	9				SPA155	06	CN098Q	01	1	T00	KQ		26B		
18209		XA524	65		XA526	01		168	9				SPA155	07	CN118Q	01	1	T00	HQ		34B		
18210		XA526	01		XA526	08		168	9				SPA155	08	CNCP1A	01	2	TT3	A2		02B		
18211		XA526	08		XA526	13		168	9				SPA155	09	CNCP0A	01	2	TT3	A1		02A		
18220		XA526	13					168	9				SPA155	10	CNCP2A	01	3	TT3	A3		06B		
18212		XA522	61		XA526	37		168	9				SPA156	01				RR1	G1				
18213		XA526	37		XA527	08		168	9				SPA156	02	CN033A	01	3	TT3	C3		16B		
18214		XA527	08		XA527	19		168	9				SPA156	03	CN125Q	01	2	TQ2	A1		06A		
18215		XA527	19		XA527	23		168	9				SPA156	04	CN137Q	01	2	TQ2	B3		09B		
18216		XA527	23		XA527	26		168	9				SPA156	05	CN137Q	01	1	TQ2	B4		11B		
18217		XA527	26		XA532	78		168	9				SPA156	06	CNDRNO	01	1	TQ2	B1		14A		
18218		XA532	78					168	9				SPA156	07	CQMOEA	01	8	TS8	F1		36A		
18219		XA522	62		XA527	36		168	9				SPA157	01				RR1	F5				
18221		XA527	36		XA527	48		168	9				SPA157	03	CN115Q	01	1	TQ2	C2		17A		
18222		XA527	48		XA527	55		168	9				SPA157	04	CN155Q	01	2	TQ2	D2		22A		
18223		XA527	55		XA527	73		168	9				SPA157	05	CN135Q	01	2	TQ2	E3		29B		
18224		XA527	73		XA529	13		168	9				SPA157	06	CN145Q	01	1	TQ2	F2		36B		
18225		XA529	13		XA529	17		168	9				SPA157	07	CN08VQ	01	2	TQ2	A4		06B		
18226		XA529	17		XA529	25		168	9				SPA157	08	CN08XA	01	1	TQ2	B3		08B		
18227		XA529	25		XA529	48		168	9				SPA157	09	CN08YA	01	2	TQ2	B4		12B		
18228		XA529	48					168	9				SPA157	10	CN08DQ	01	2	TQ2	D2		22A		
18229		XA522	63		XA529	55		168	9				SPA158	01				RR1	G2				
18230		XA529	55		XA529	56		168	9				SPA158	02	CN100Q	01	2	TQ2	E3		29B		
18231		XA529	56		XA530	34		168	9				SPA158	03	CN06DQ	01	1	TQ2	D1		26A		
18232		XA530	34		XA530	46		168	9				SPA158	04	CN023A	01	1	TT3	C2		16A		
18233		XA530	46		XA530	54		168	9				SPA158	05	CN053A	01	2	TT3	C2		21A		
18234		XA530	54		XA531	05		168	9				SPA159	06	CN043A	01	2	TT3	D1		25A		
18235		XA531	05		XA531	10		168	9				SPA158	07	CN08YQ	01	2	TQ2	A2		03B		
18236		XA531	10		XA531	11		168	9				SPA158	08	CN08LQ	01	1	TQ2	A1		07A		
18237		XA531	11		XA531	78		168	9				SPA158	09	CN08WQ	01	1	TQ2	A4		05B		
18238		XA531	78		XA532	01		168	9				SPA158	10	CN074A	01	2	TQ2	F4		38A		
18239		XA532	01					168	9				SPA158	11	CN129Q	01	6	TS9	A1		02B		
18240		XA522	64		XA532	05		168	9				SPA159	01				RP1	F6				
18241		XA532	05		XA532	30		168	9				SPA159	02	CN129Q	01	5	TS8	A1		03B		
18242		XA532	30		XA532	49		168	9				SPA159	03	CN149Q	01	6	TS8	C1		15A		
18243		XA532	49		XA532	68		168	9				SPA159	04	C5210Q	01	8	TS8	D1		26B		
18244		XA532	68		XA532	74		168	9				SPA159	05	CN099Q	01	2	TS8	E1		32A		
18245		XA532	74		XA534	13		168	9				SPA159	06	CQMOEA	01	7	TS8	F1		35B		
18246		XA534	13		XA534	23		168	9				SPA159	07	C522JA	01	2	TQ2	A4		06B		
18247		XA534	23		XA534	34		168	9				SPA159	08	C523CA	01	1	TQ2	B4		11B		
18248		XA534	34		XA534	47		168	9				SPA159	09	C525CA	01	2	TQ2	C2		16A		
18249		XA534	47		XA535	47		168	9				SPA159	10	CQ402A	01	1	TQ2	D4		25B		
18250		XA535	47					168	9				SPA159	11	CQ401Q	01	1	TQ2	D4		25B		

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RECORD NUMBER	FROM				TO				WIRE				SIGNAL	SEQ NO	EQUATION	T	FACTOR	CMT OR CHIP TYPE	GROUP	LOAD OR POWER PLANE	TEST POINTS AND/OR	SIGNAL DESCRIPTION	ECO NO
	PREFIX	CONNECTOR	PIN	WIRE NO	PREFIX	CONNECTOR	PIN	WIRE NO	MULTI GROUP	CODE	COLOR	IDENT											
18255		XA522	65		XA532	31			168	9			SPA160	01			RR1	G3					
18256		XA532	31		XA532	75			168	9			SPA160	02	CN1490	01	7	TS8	C1		158		
18257		XA532	75		XA535	53			168	9			SPA160	03	CQM0EA	01	3	TS8	F1		378		
18258		XA535	53		XA535	59			168	9			SPA160	04	CQM070	01	1	TQ2	E3		288		
18259		XA535	59		XA535	64			168	9			SPA160	05	CQM080	01	1	TQ2	E4		318		
18260		XA535	64		XA535	70			168	9			SPA160	06	CQM090	01	1	TQ2	E2		30A		
18261		XA535	70		XA536	61			168	9			SPA160	07	CQM030	01	1	TQ2	E1		33A		
18262		XA536	61		XA536	77			168	9			SPA160	08	C527E0	01	8	TS8	E1		328		
18263		XA536	77						168	9			SPA160	09	CQM4C0	01	2	TS8	F1		388		
18265		XA508	75		XA522	66			168	9			SPA161	02	PQ0390	01	3	TS8	F1		378		
18266		XA522	66		XA532	34			168	9			SPA161	03			RR1	G4					
18267		XA532	34		XA532	77			168	9			SPA161	04	CN1490	01	5	TS8	C1		16A		
18268		XA532	77		XA537	17			168	9			SPA161	05	CQM0EA	01	2	TS8	F1		388		
18269		XA537	17		XA537	29			168	9			SPA161	06	C520CA	01	1	TQ2	B3		088		
18270		XA537	29		XA537	34			168	9			SPA161	07	C518NA	01	1	TQ2	C3		148		
18271		XA537	34		XA537	61			168	9			SPA161	08	C518LA	01	2	TQ2	C2		16A		
18272		XA537	61		XA538	31			168	9			SPA161	09	C518CA	01	2	TQ2	E4		328		
18273		XA538	31		XA536	13			168	9			SPA161	10	C505NA	01	4	TD4	C2		158	803	
18274		XA536	13						168	9			SPA161	11	C521C0	01	8	TS8	A1		068		
18275		XA522	71		XA538	40			168	9			SPA162	01			RR1	H1					
18276		XA538	40		XA538	48			168	9			SPA162	02	C525EA	01	2	TD4	C1		19A		
18277		XA538	48		XA538	49			168	9			SPA162	03	C526DA	01	2	TD4	D2		22A		
18278		XA538	49		XA538	79			168	9			SPA162	04	C525GA	01	4	TD4	D1		268		
18279		XA538	79		XA539	07			168	9			SPA162	05	C527KA	01	1	TD4	F1		398		
18280		XA539	07		XA539	25			168	9			SPA162	06	C505C0	01	7	TS8	A1		03A		
18281		XA539	25		XA539	30			168	9			SPA162	07	C512E0	01	8	TS8	B1		128		
18282		XA539	30		XA539	50			168	9			SPA162	08	C511E0	01	6	TS8	C1		15A		
18283		XA539	50		XA539	77			168	9			SPA162	09	C510E0	01	4	TS8	D1		23A		
18284		XA539	77						168	9			SPA162	10	C512C0	01	2	TS8	F1		388		
18285		XA522	72		XA539	31			168	9			SPA163	01			RR1	G5					
18286		XA539	31		XA539	79			168	9			SPA163	02	C511E0	01	7	TS8	C1		158		
18288		XA539	79		XA541	11			168	9			SPA163	04	C512C0	01	1	TS8	F1		398		
18289		XA541	11		XA541	19			168	9			SPA163	05	C522CA	01	1	TQ2	A4		058		
18290		XA541	19		XA541	41			168	9			SPA163	06	C521CA	01	2	TQ2	B3		098		
18291		XA541	41		XA541	53			168	9			SPA163	07	C512RA	01	1	TQ2	D3		228		
18292		XA541	53		XA541	62			168	9			SPA163	08	C515D0	01	1	TQ2	E3		288		
18293		XA541	62		XA541	65			168	9			SPA163	09	C514D0	01	2	TQ2	E2		29A		
18294		XA541	65						168	9			SPA163	10	C512WA	01	1	TQ2	F3		348		
18295		XA522	73		XA539	36			168	9			SPA164	01			RR1	H2					
18296		XA539	36		XA542	04			168	9			SPA164	02	C511E0	01	4	TS8	C1		17A		
18297		XA542	04		XA542	24			168	9			SPA164	03	C455H0	01	4	TS8	A1		04A		
18298		XA542	24		XA542	38			168	9			SPA164	04	C505G0	01	2	TS8	B1		13A		
18299		XA542	38		XA543	03			168	9			SPA164	05	C507G0	01	3	TS8	C1		18A	803	
18301		XA543	03		XA543	43			168	9			SPA164	07	C505EA	01	1	TQ2	A3		02A	803	
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 UNIT ASSEMBLY NAME CARD CAGE ASSY, CPU R.H.

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UNIT ASSEMBLY NO 149011
 PART IDENT T3992CP2

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RECORD NUMBER	FROM				TO				WIRE	MULTI GROUP	CODE	COLOR	IDENT	SIGNAL	SEC NO	EQUATION	TERMINAL	WIRE	CMT OR CMT TYPE	GROUP	LOAD OR POWER PLANE	TEST POINTS AND/OR ACTION	SIGNAL DESCRIPTION	ECO NO
	PREFIX	CONNECTOR	PIN	WIRE	PREFIX	CONNECTOR	PIN	WIRE																
18303		XA543	43		XA543	48		168 9					SPA164	09	C509CA	01 2	TQ2	D3			23B			
18304		XA543	48		XA543	74		168 9					SPA164	10	C507HA	01 2	TQ2	D2			22A			
18305		XA543	74					168 9					SPA164	11	C510X3	01 2	TQ2	F3			35B			
18306		XA522	74		XA532	72		168 9					SPA165	01				RR1	G6					
18307		XA532	72		XA543	76		168 9					SPA165	02	CQ40EA	01 6	TS8	F1			34A			
18308		XA543	76		XA545	10		168 9					SPA165	03	C512JA	01 1	TQ2	F4			37A			
18309		XA545	10		XA545	13		168 9					SPA165	04	C501DA	01 1	TQ2	A1			07A			
18310		XA545	13		XA545	18		168 9					SPA165	05	C505CA	01 2	TQ2	A4			06A			
18311		XA545	18		XA545	26		168 9					SPA165	06	C505QA	01 2	TQ2	B2			10A			
18312		XA545	26		XA545	35		168 9					SPA165	07	C505GA	01 1	TQ2	B1			14A			
18313		XA545	35		XA545	41		168 9					SPA165	08	C506QA	01 1	TQ2	C4			17B			
18314		XA545	41		XA545	56		168 9					SPA165	09	C510CA	01 1	TQ2	D3			22B			
18315		XA545	56					168 9					SPA165	10	C506CA	01 1	TQ2	D1			26A			
18316		XA522	75		XA542	20		168 9					SPA166	01				RR1	H3					
18317		XA542	20		XA546	10		168 9					SPA166	02	C505G3	01 4	TS8	B1			11A			
18318		XA546	10		XA547	34		168 9					SPA166	03	CMN190	01 1	TQ4	A1			07A			
18319		XA547	34		XA547	50		168 9					SPA166	04	CMN190	01 5	TS8	C1			16A			
18320		XA547	50		XA547	68		168 9					SPA166	05	CMN290	01 4	TS8	D1			23A			
18321		XA547	68		XA547	77		168 9					SPA166	06	CQ42D0	01 2	TS8	E1			32A			
18322		XA547	77		XA548	06		168 9					SPA166	07	CQ42F0	01 2	TS8	F1			38B			
18323		XA548	06		XA548	26		168 9					SPA166	08	CM4090	01 3	TS8	A1			05A			
18324		XA548	26		XA548	34		168 9					SPA166	09	CM4290	01 1	TS8	B1			14A			
18325		XA548	34		XA548	50		168 9					SPA166	10	CM4390	01 5	TS8	C1			16A			
18326		XA548	50					168 9					SPA166	11	CM4490	01 4	TS8	D1			23A			
18327		XA522	76		XA540	26		168 9					SPA167	01				RR1	H4					
18328		XA540	26		XA543	64		168 9					SPA167	02	C521NA	01 1	TY3	B1			14A			
18329		XA543	64		XA547	36		168 9					SPA167	03	C516A1	01 1	TQ2	E2			30A			
18330		XA547	36		XA547	52		168 9					SPA167	04	CMN190	01 4	TS8	C1			17A			
18331		XA547	52		XA547	70		168 9					SPA167	05	CMN290	01 3	TS8	D1			24A			
18332		XA547	70		XA547	79		168 9					SPA167	06	CQ42D0	01 1	TS8	E1			33A			
18333		XA547	79		XA548	36		168 9					SPA167	07	CQ42F0	01 1	TS8	F1			39B			
18334		XA548	36					168 9					SPA167	08	CM4390	01 4	TS8	C1			17A			
18335		XA429	77		XA444	78		168 9					SPA168	01	CMCPA	01 1	TD4	F1			38B			
18336		XA444	78		XA522	77		168 9					SPA168	02	C424KA	01 2	TQ2	F4			38A			
18337		XA522	77		XA532	60		168 9					SPA168	03				RR1	H5					
18338		XA532	60		XA546	40		168 9					SPA168	04	CN0990	01 6	TS8	E1			28A			
18339		XA546	40		XA547	56		168 9					SPA168	05	C506E0	01 2	TD4	C1			19A			
18340		XA547	56		XA548	38		168 9					SPA168	06	CMN290	01 1	TS8	D1			26A			
18341		XA548	38					168 9					SPA168	07	CM4390	01 3	TS8	C1			18A			
18342		XA429	79		XA501	55		168 9					SPA169	01	CMCPA	01 4	TD4	F1			39B			
18343		XA501	55		XA517	53		168 9					SPA169	02	PTXRSA	01 2	TQ2	E3			29B			
18344		XA517	53		XA517	63		168 9					SPA169	03	PT398Q	01 1	TDD	KQ			28B			
18345		XA517	63		XA520	78		168 9					SPA169	04	PT088Q	01 1	TDD	JQ			33B			
18346		XA520	78		XA528	20		168 9					SPA169	05				RR1	H6					
18347		XA528	20		XA528	36		168 9					SPA169	06	CN0290	01 1	TD4	B2			11A			
													****	SIGNAL	SPA169		S ON THE	NEXT PAGE	****					

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RECORD NUMBER	FROM				TO				WIRE			SIGNAL	SEQ NO	EQUIPMENT	TRF	FACTOR	CAT OR CHIP TYPE	GROUP	LOAD OR POWER PLANE	TEST POINTS AND OR	SIGNAL DESCRIPTION	ECO NO
	PREFIX	CONNECTOR	PIN	C	PREFIX	CONNECTOR	PIN	C	MULT GROUP	CODE	COLOR											
18348		XA528	36		XA528	40			168	9		SPA169	07	CN0490	01	1	TD4	C2		17A		
18349		XA528	40		XA528	56			168	9		SPA169	08	CN0390	01	2	TD4	C1		19A		
18350		XA528	56		XA532	62			168	9		SPA169	09	CN0590	01	1	TD4	D1		26A		
18351		XA532	62		XA530	25			168	9		SPA169	10	CN0990	01	5	TS8	E1		29A	C06	
04533		XA530	25						168	9		SPA169	11	CNOUE0	01	3	TT3	B3		12B	C06	
18352		XA331	37		XA331	49			168	9		SPA170	01	J1RES0	01	2	TLD	C4		18B		
18353		XA331	49		XA332	37			168	9		SPA170	02	J2RES0	01	2	TLD	D4		26B		
18354		XA332	37		XA332	62			168	9		SPA170	03	J3RES0	01	2	TLD	C4		18B		
18355		XA332	62		XA334	36			168	9		SPA170	04		01	2	TLD	E2		29A		
18356		XA334	36						168	9		SPA170	05				RR1	C6				
17723		XA410	41		XA410	50			168	9		SPA175	0A	CMCL6A	01	1	TQ2	D3		22B		
17728		XA410	50		XA410	49			168	9		SPA175	0B	CMCL5A	01	1	TQ2	D2		23A		
17727		XA410	49		XA522	41			168	9		SPA175	00	CMCL7A	01	2	TQ2	D4		26B		
18357		XA522	41		XA525	01			168	9		SPA175	01				RR1	E1				
18358		XA525	01		XA528	73			168	9		SPA175	02	CN1090	01	3	TD4	A2		02B		
18361		XA528	73		XA530	23			168	9		SPA175	05	CN0890	01	1	TD4	F2		36B	C06	
04497		XA530	23						168	9		SPA175	06	CNOUE0	01	2	TT3	B3		11B	C06	
18366		XA214	24		XA216	10			168	9		SPA200	01				RR1	B5				
18367		XA216	10		XA216	72			168	9		SPA200	02	CKCPOA	01	1	TD4	A1		07A		
18368		XA216	72		XA220	74			168	9		SPA200	03	CKDBLA	01	3	TD4	F2		34A		
18369		XA220	74						168	9		SPA200	04	CKDBLO	01	2	TQ2	F3		35B		
20693		XA336	72		XA537	03			168	9		SPA203	01				RR1	G5				
18375		XA537	03						168	9		SPA203	02	C521KA	01	1	TQ2	A3		02A		
20789		XA136	05		XA137	04			168	9		SPA210	01				RR1	A1				
18962		XA137	04		XA137	08			168	9		SPA210	02	KD01LOX	01	1	DCF	A8		04A		
18966		XA137	08		XA137	11			168	9		SPA210	03	KD03LOX	01	1	DCF	A6		08A		
18969		XA137	11		XA138	11			168	9		SPA210	04	KD02LOX	01	1	DCF	A2		04B		
19041		XA138	11		XA138	08			168	9		SPA210	05	KD06LOX	01	1	DCF	A2		04B		
19038		XA138	08		XA138	04			168	9		SPA210	06	KD07LOX	01	1	DCF	A6		06A		
19034		XA138	04						168	9		SPA210	07	KD05LOX	01	1	DCF	A8		04A		
20791		XA136	06		XA137	13			168	9		SPA211	01				RR1	A2				
18970		XA137	13		XA138	13			168	9		SPA211	02	KD04LOX	01	1	DCF	A4		05B		
19042		XA138	13		XA138	31			168	9		SPA211	03	KD08LOX	01	1	DCF	A4		05B		
19058		XA138	31		XA138	33			168	9		SPA211	04	KD10LOX	01	1	DCF	B2		12B		
19059		XA138	33		XA138	34			168	9		SPA211	05	KD11LOX	01	1	DCF	B4		13B		
19060		XA138	34						168	9		SPA211	06	KD09LOX	01	1	DCF	B8		12A		
20793		XA136	07		XA137	49			168	9		SPA212	01				RR1	A3				
19002		XA137	49		XA137	50			168	9		SPA212	02	KD14LOX	01	1	DCF	C2		27B		
19003		XA137	50		XA137	51			168	9		SPA212	03	KD13LOX	01	1	DCF	C8		28A		
19004		XA137	51		XA138	51			168	9		SPA212	04	KD15LOX	01	1	DCF	C4		28B		
19076		XA138	51		XA138	50			168	9		SPA212	05	KD11LOX	01	1	DCF	C4		28B		
19075		XA138	50		XA138	49			168	9		SPA212	06	KD17LOX	01	1	DCF	C8		28A		
19074		XA138	49		XA138	38			168	9		SPA212	07	KD18LOX	01	1	DCF	C2		27B		
									****	SIGNAL		SPA212		IS ON THE	NEXT PAGE	****						

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RECORD NUMBER	FROM				TO				WIRE			SIGNAL	SFG NO	EQUATION	TERM	FACTS	CKT OR CHIP TYPE	GROUP	LOAD OR POWER PLANE	TEST POINTS AND OR	SIGNAL DESCRIPTION	ECO NO			
	PREFIX	CONNECTOR	PIN	WIRE NO	PREFIX	CONNECTOR	PIN	WIRE NO	MULTI GROUP	CODE	COLOR												IDENT		
19064		XA138	38							168	9		SPA212	08	KD12L0X	01	1	DCF	B6		14A				
20795		XA136	08		XA137	54				168	9		SPA213	01				RR1	A4						
19007		XA137	54		XA138	54				168	9		SPA213	02	KD16L0X	01	1	DCF	C6		30A				
19079		XA138	54		XA138	70				168	9		SPA213	03	KDSCLOX	01	1	DCF	C6		30A				
19093		XA138	70		XA138	71				168	9		SPA213	04	KBSILOX	01	1	DCF	D8		35A				
19094		XA138	71		XA138	73				168	9		SPA213	05	KBSCL0X	01	1	DCF	D2		34B				
19096		XA138	73		XA138	74				168	9		SPA213	06	KCPSLOX	01	1	DCF	D4		35B				
19097		XA138	74		XA137	74				168	9		SPA213	07	KBY2L0X	01	1	DCF	D6		37A				
19025		XA137	74							168	9		SPA213	08	KBY2D0X	01	1	DCF	D6		37A				
20656		XA334	19		XA343	06				168	9		SPA301	01				RR1	B3						
18377		XA343	06		XA343	20				168	9		SPA301	02	CT04EA	01	3	TS8	A1		09A				
18378		XA343	20		XA346	19				168	9		SPA301	03	CT06D0	01	4	TS8	B1		11A				
17628		XA346	19		XA346	26				168	9		SPA301	05	CT8M2A	01	4	T04	B2		09B				
17618		XA346	26							168	9		SPA301	06	CT8M1A	01	1	T04	B1		14A				
18496		XA133	19		XA208	37				168	9		SPIV01	01				T04	B2		09B				
18558		XA208	37		XA214	36				168	9		SPIV01	02	CSE0V0	01	8	TS8	C1		18B				
20902		XA214	36		XA235	05				168	9		SPIV01	03				RR1	C6						
17131		XA235	05		XA313	60				168	9		SPIV01	04	C219C0	01	5	TS8	A1		53B				
17338		XA313	60							168	9		SPIV01	05	C308K0	01	6	TS8	E1		28A				
18381		XA106	01		XA106	30				168	9		SPI001	01				01	3	T04	A2		02B		
18382		XA106	30		XA107	17				168	9		SPI001	02				01	3	T04	C2		15A		
18383		XA107	17		XA117	65				168	9		SPI001	03				01	1	TQ2	B3		08B		
18384		XA117	65		XA122	18				168	9		SPI001	04	CR1280	01	1	T00	M0		34B		C02		
18385		XA122	18		XA122	26				168	9		SPI001	05				01	1	TT3	B2		10A		
18386		XA122	26		XA123	35				168	9		SPI001	06				01	1	TT3	B1		14A		
18387		XA123	35		XA124	23				168	9		SPI001	07				01	1	TQ2	C4		17B		
18388		XA124	23		XA130	24				168	9		SPI001	08				01	1	TQ2	B4		11B		
18389		XA130	24							168	9		SPI001	09						RR1	B5				
18390		XA105	48		XA106	04				168	9		SPI002	01				01	2	TQ2	D2		22A		
18391		XA106	04		XA106	36				168	9		SPI002	02				01	1	T04	A2		04A		
18392		XA106	36		XA107	19				168	9		SPI002	03				01	1	T04	C2		17A		
18393		XA107	19		XA122	14				168	9		SPI002	04				01	2	TQ2	B3		09B	C02	
18395		XA122	14		XA122	24				168	9		SPI002	06				01	2	TT3	B2		09A		
18396		XA122	24		XA123	37				168	9		SPI002	07				01	2	TT3	B1		13A		
18397		XA123	37		XA130	25				168	9		SPI002	08				01	2	TQ2	C4		18B		
18398		XA130	25							168	9		SPI002	09						RR1	C2				
18399		XA106	05		XA106	34				168	9		SPI003	01				01	2	T04	A2		03B		
18400		XA106	34		XA120	01				168	9		SPI003	02				01	2	T04	C2		16A	C02	
18402		XA120	01		XA120	06				168	9		SPI003	04				01	3	T04	A2		02B		
18403		XA120	06		XA122	17				168	9		SPI003	05				01	3	T04	A1		05A		
18406		XA122	17		XA122	22				168	9		SPI003	08				01	3	TT3	B2		08B		
18407		XA122	22		XA130	26				168	9		SPI003	09				01	3	TT3	B1		12A		
18408		XA130	26							168	9		SPI003	10						RR1	B6				
												****	SIGNAL	(SPI004	IS ON THE NEXT PAGE										****

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RECORD NUMBER	FROM				TO				WIRE			SIGNAL	SEQ NO	EQUATION	Z	S	CKT OR CHIP TYPE	PROP	LOAD OR POWER PLANE	TEST POINTS AND/OR	SIGNAL DESCRIPTION	ECO NO
	PREFIX	CONNECTOR	PIN	WIRE NO	PREFIX	CONNECTOR	PIN	WIRE NO	MULTI GROUP	COLOR	IDENT											
18409		XA106	07		XA106	31		168	9			SPI004	01			01	4	TD4	A2	03A		
18410		XA106	31		XA117	73		168	9			SPI004	02			01	4	TD4	C2	15B		
18411		XA117	73		XA120	04		168	9			SPI004	03	CR12BP		01	1	TD0	MP	36B	C02	
18412		XA120	04		XA120	08		168	9			SPI004	04			01	1	TD4	A2	04A		
18413		XA120	08		XA130	29		168	9			SPI004	05			01	2	T04	A1	06A		
18417		XA130	29		XA132	75		168	9			SPI004	09			01	2	RR1	C3			
18418		XA132	75					168	9			SPI004	10			01	3	TT3	F1	37B	802	
18420		XA120	05		XA120	10		168	9			SPI005	01			01	2	TD4	A2	03B		
18421		XA120	10		XA122	01		168	9			SPI005	02			01	1	TD4	A1	07A		
18423		XA122	01		XA122	09		168	9			SPI005	04			01	2	TT3	A2	02B		
18424		XA122	09		XA122	10		168	9			SPI005	05			01	1	TT3	A3	04B		
18425		XA122	10		XA130	30		168	9			SPI005	06	CL1TA0		01	1	TT3	A1	07A		
18426		XA130	30		XA132	77		168	9			SPI005	07			01	1	RR1	C4			
18427		XA132	77		XA133	04		168	9			SPI005	08			01	2	TT3	F1	38B		
18428		XA133	04		XA133	22		168	9			SPI005	09	CRO1SA		01	1	TD4	A2	04A	802	
18429		XA133	22		XA135	23		168	9			SPI005	10			01	1	TD4	B1	12A		
18430		XA135	23					168	9			SPI005	11			01	1	T22	B4	11B		
18431		XA106	14		XA106	22		168	9			SPI006	01					TD4	B2	09A		
18432		XA106	22		XA106	43		168	9			SPI006	02					TD4	B1	12A		
18433		XA106	43		XA106	49		168	9			SPI006	03					TD4	D2	23B		
18434		XA106	49		XA108	65		168	9			SPI006	04					TD4	D1	26B		
18435		XA108	65		XA108	69		168	9			SPI006	05					TT3	F2	34B		
18436		XA108	69		XA108	75		168	9			SPI006	06					TT3	F3	35A		
18437		XA108	75		XA120	07		168	9			SPI006	07					TT3	F1	37B		
18438		XA120	07		XA120	13		168	9			SPI006	08			01	4	TD4	A2	03A		
18439		XA120	13		XA130	35		168	9			SPI006	09			01	4	TD4	A1	06B		
18441		XA130	35					168	9			SPI006	11					RR1	D1			
18442		XA106	18		XA106	24		168	9			SPI007	01					TD4	B2	10A		
18443		XA106	24		XA106	46		168	9			SPI007	02					TD4	B1	13A		
18444		XA106	46		XA106	52		168	9			SPI007	03					TD4	D2	21A		
18445		XA106	52		XA108	71		168	9			SPI007	04					TD4	D1	24A		
18446		XA108	71		XA108	76		168	9			SPI007	05					TT3	F2	36A		
18447		XA108	76		XA108	77		168	9			SPI007	06					TT3	F3	37A		
18448		XA108	77		XA122	03		168	9			SPI007	07					TT3	F1	38B		
18450		XA122	03		XA130	36		168	9			SPI007	09			01	3	TT3	A2	02A		
18451		XA130	36					168	9			SPI007	10					RR1	C6			
18452		XA105	29		XA106	19		168	9			SPI008	01			01	1	TQ2	C3	14B		
18453		XA106	19		XA106	25		168	9			SPI008	02					TD4	B2	09B		
18454		XA106	25		XA106	48		168	9			SPI008	03					TD4	B1	12B		
18455		XA106	48		XA106	54		168	9			SPI008	04					TD4	D2	22A		
18456		XA106	54		XA108	72		168	9			SPI008	05					TD4	D1	25A		
18457		XA108	72		XA108	78		168	9			SPI008	06					TT3	F2	34A		
18458		XA108	78		XA108	79		168	9			SPI008	07					TT3	F3	38A		
18459		XA108	79		XA122	05		168	9			SPI008	08					TT3	F1	39B		
18460		XA122	05		XA130	37		168	9			SPI008	09			01	1	TT3	A2	03B		
18461		XA130	37					168	9			SPI008	10					RR1	D2			

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RECORD NUMBER	FROM			TO			WIRE				SIGNAL	SFO NO	EQUATION	TERM	FACTOR	CHK 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												
18563		XA217	24								168	9										
18594		XA227	13		XA202	08					168	9										805
18371		XA202	08		XA205	78					168	9										CO1
18565		XA205	78		XA214	45					168	9										
18566		XA214	45		XA215	04					168	9										
18567		XA215	04		XA216	62					168	9										
18568		XA216	62		XA217	26					168	9		CT06T0								
18569		XA217	26								168	9										
18572		XA105	50		XA214	46					168	9										
18574		XA214	46		XA215	05					168	9										
18575		XA215	05		XA216	64					168	9										
18576		XA216	64								168	9		CT06T0								
18373		XA202	07		XA205	70					168	9										
18580		XA205	70		XA214	47					168	9		CSL62A								
18582		XA214	47		XA224	76					168	9										
18585		XA224	76		XA227	11					168	9		CSE0C0								
18587		XA227	11								168	9										805
18592		XA136	48		XA226	78					168	9										
18593		XA226	78								168	9		CRUSQ0								
18597		XA136	51		XA244	45					168	9										
18602		XA244	45		XA341	13					168	9										
01871		XA341	13		XA339	43					168	9		JACKA0								
08330		XA339	43		XA340	41					168	9		CTE4D0								805
18600		XA340	41								168	9		JACKCA								805
18604		XA136	52		XA230	36					168	9										
18605		XA230	36		XA244	47					168	9										
18607		XA244	47		XA344	71					168	9										
20915		XA344	71		XA331	36					168	9		CTMCBI								
05688		XA331	36								168	9										
08326		XA305	11		XA333	61					168	9		CQC040								
18612		XA333	61		XA334	46					168	9		CSL1M04								
18613		XA334	46		XA344	17					168	9										
18614		XA344	17		XA344	41					168	9		CT08B0								
18615		XA344	41		XA344	53					168	9		CTRLBQ								
18616		XA344	53								168	9		CTMWBQ								
18620		XA334	47		XA344	27					168	9										
18622		XA344	27		XA344	63					168	9		CT06BQ								
18623		XA344	63								168	9										
18633		XA311	68		XA334	48					168	9		CTRL10								
18635		XA334	48		XA344	66					168	9										
18636		XA344	66								168	9										

DRAWING NUMBER		149011-800										STRING		UNIT ASSEMBLY NO.		149011		REV D		INDEX		SPI030	
UNIT ASSEMBLY NAME		CARD CAGE ASSY,CPU R.H.										FILE IDENT		T39BZCP2		DATE		09-03-82		PAGE		379	
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	C	PREFIX	CONNECTOR	PIN	C	MULTI GROUP	COOD	COLOR	IDENT											SPIC
18638		XA312	13		XA334	51			168	9				SPI031	02	C336C0	01	4	TD4	A1		068	
18639		XA334	51		XA344	65			168	9				SPI031	03				RR1	F1			
18640		XA344	65		XA344	68			168	9				SPI031	04	CTMCBQ	01	1	TDD	MQ		34B	
18641		XA344	68						168	9				SPI031	05				TDD	J1		32A	
18644		XA413	41		XA536	04			168	9				SPI032	03				RR1	E1			
18647		XA536	04		XA539	19			168	9				SPI032	06	C521C0	01	4	TS8	A1		04A	
08382		XA539	19						168	9				SPI032	07	C512E0	01	7	TS8	B1		09B	
18648		XA308	20		XA308	74			168	9				SPI033	01	C100C0	01	1	TQ2	B2		11A	
15568		XA308	74		XA413	42			168	9				SPI033	011	C344G0	01	2	TQ2	F3		35B	
18650		XA413	42		XA536	10			168	9				SPI033	03				RR1	D5			
18652		XA536	10		XA534	08			168	9				SPI033	05	C521C0	01	1	TS8	A1		07A	
00718		XA534	08						168	9				SPI033	06				TQ2	A1		06A	
18654		XA317	37		XA413	45			168	9				SPI034	02	JS02A0	01	2	TQ2	C4		18B	
18655		XA413	45		XA429	43			168	9				SPI034	03				RR1	E2			
18656		XA429	43						168	9				SPI034	04				TD4	D2		23B	
18658		XA429	71		XA432	06			168	9				SPI035	01				TD4	F2		36A	
18660		XA432	06		XA433	29			168	9				SPI035	03	CT1MBP	01	1	TDD	AP		05A	
18661		XA433	29		XA536	56			168	9				SPI035	04				RR1	C3			
18662		XA536	56		XA545	47			168	9				SPI035	05	COM000	01	1	TS8	D1		26A	
01141		XA545	47						168	9				SPI035	06				TQ2	D4		25B	
18664		XA429	46		XA429	72			168	9				SPI036	01				TD4	D2		21A	
18665		XA429	72		XA433	30			168	9				SPI036	02				TD4	F2		34A	
18667		XA433	30		XA438	25			168	9				SPI036	04				RR1	C4			
18668		XA438	25		XA536	49			168	9				SPI036	05	C450TA	01	3	TT3	B3		12B	
18669		XA536	49		XA545	49			168	9				SPI036	06	COM000	01	8	TS8	D1		26B	
10052		XA545	49						168	9				SPI036	07				TQ2	D4		26B	
18671		XA429	50		XA429	73			168	9				SPI037	01				TD4	D2		23A	
18672		XA429	73		XA433	35			168	9				SPI037	02				TD4	F2		36B	
18674		XA433	35		XA438	09			168	9				SPI037	04				RR1	D1			
18675		XA438	09		XA436	74			168	9				SPI037	05	CSECPA	01	1	TT3	A3		04B	
08383		XA436	74						168	9				SPI037	06	C462K0	01	7	TS8	F1		35B	
18677		XA413	46		XA429	48			168	9				SPI038	02				RR1	D6			
18678		XA429	48		XA429	74			168	9				SPI038	03				TD4	D2		22A	
18679		XA429	74		XA431	15			168	9				SPI038	04				TD4	F2		35B	
18680		XA431	15						168	9				SPI038	05	CTMXBQ	01	1	TDD	AQ		07B	
18681		XA413	47		XA415	55			168	9				SPI039	01				RR1	E3			
18683		XA415	55		XA415	61			168	9				SPI039	03	C621F0	01	2	TQ2	E3		29B	
18684		XA415	61						168	9				SPI039	04	C621L0	01	2	TQ2	E4		32B	
17696		XA407	37		XA410	76			168	9				SPI041	00	CMONCO	01	4	TD4	C1		18B	
									****		SIGNAL		SPI041			IS ON THE			NEXT PAGE		****		

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

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RECORD NUMBER	FROM				TO				WIRE				SIGNAL	SEQ NO	EQUATION	Z	Y	X	CTY OR CHIP TYPE	GROUP	LOAD OR POWER PLANE	TEST POINTS AND/OR	SIGNAL DESCRIPTION	ECO NO	
	PREFIX	CONNECTOR	PIN	C	PREFIX	CONNECTOR	PIN	C	MULTI GROUP	CODE	COLOR	IDENT													INSUL
18686		XA410	76		XA410	74			168	9			SPI041	01	CMCL8A	01	1	TQ2	F4			37A			
18690		XA410	74		SPI041				168	9			SPI041	02	CMCL9A	01	2	TQ2	F3				35B		
18691		XA413	51						168	9			SPI041	03				RR1	F1						
18696		XA522	45		XA538	06			168	9			SPI042	05				RR1	E2						
10362		XA538	06		XA546	26			168	9			SPI042	06			01	3	TD4	A1				05A	
18698		XA546	26						168	9			SPI042	07			01	1	TD4	B1				14A	
18702		XA503	43		XA507	74			168	9			SPI043	04	C523F0		01	2	TQ2	03				23B	
18786		XA507	74		XA522	46			168	9			SPI043	045			01	2	TQ2	F3				35B	
18703		XA522	46		XA538	08			168	9			SPI043	05				RR1	D6						
10365		XA538	08		XA546	25			168	9			SPI043	06			01	2	TD4	A1				06A	
18705		XA546	25						168	9			SPI043	07			01	4	TD4	B1				12B	
18706		XA522	47		XA524	38			168	9			SPI044	01				RR1	E3						
18707		XA524	38		XA524	52			168	9			SPI044	02	CN04BP	01	1	TDD	EP					18A	
18708		XA524	52		XA524	73			168	9			SPI044	03	CN06BP	01	1	TDD	GP					24A	
18709		XA524	73		XA538	10			168	9			SPI044	04	CN11BP	01	1	TDD	MP					36B	
10367		XA538	10		XA546	24			168	9			SPI044	05			01	1	TD4	A1				07A	
18711		XA546	24						168	9			SPI044	06			01	2	TD4	B1				13A	
18712		XA519	75		XA520	38			168	9			SPI045	01	PQ11BP	01	1	TDD	LP					37B	
18713		XA520	38		XA523	52			168	9			SPI045	02				RR1	C5						
18714		XA523	52		XA524	22			168	9			SPI045	03	CN12BP	01	1	TDD	GP					24A	
18715		XA524	22		XA524	36			168	9			SPI045	04	CN02BP	01	1	TDD	CP					12A	
18716		XA524	36		XA524	50			168	9			SPI045	05	CN05BP	01	1	TDD	FP					17A	
18717		XA524	50		XA524	64			168	9			SPI045	06	CN07BP	01	1	TDD	HP					23A	
18718		XA524	64		XA538	13			168	9			SPI045	07	CN09BP	01	1	TDD	KP					30A	
10369		XA538	13		XA546	22			168	9			SPI045	08			01	4	TD4	A1				06B	
18720		XA546	22						168	9			SPI045	09			01	3	TD4	B1				12A	
18721		XA518	06		XA518	22			168	9			SPI046	01	PQ13BP	01	1	TDD	AP					05A	
18722		XA518	22		XA519	52			168	9			SPI046	02	PQ15BP	01	1	TDD	CP					12A	
18723		XA519	52		XA519	66			168	9			SPI046	03	PQ07BP	01	1	TDD	GP					24A	
18724		XA519	66		XA519	73			168	9			SPI046	04	PQ09BP	01	1	TDD	JP					31A	
18725		XA519	73		XA520	39			168	9			SPI046	05	PQ12BP	01	1	TDD	NP					36B	
18726		XA520	39		XA523	50			168	9			SPI046	06				RR1	03						
18727		XA523	50		XA523	64			168	9			SPI046	07			01	1	TDD	HP				23A	
18728		XA523	64		XA536	54			168	9			SPI046	08	CN14BP	01	1	TDD	KP					30A	
18729		XA536	54						168	9			SPI046	09	CQM000	01	2	TS8	D1					25A	
18730		XA518	04		XA518	20			168	9			SPI047	01	PQ14BP	01	1	TDD	BP					04A	
18731		XA518	20		XA519	36			168	9			SPI047	02	PQ16BP	01	1	TDD	DP					11A	
18732		XA519	36		XA519	50			168	9			SPI047	03	PQ06BP	01	1	TDD	FP					17A	
18733		XA519	50		XA519	64			168	9			SPI047	04	PQ08BP	01	1	TDD	HP					23A	
18734		XA519	64		XA520	40			168	9			SPI047	05	PQ10BP	01	1	TDD	KP					30A	
18735		XA520	40		XA523	48			168	9			SPI047	06				RR1	D4						
18736		XA523	48		XA523	75			168	9			SPI047	07			01	1	TDD	HI				22A	
18737		XA523	75		XA524	20			168	9			SPI047	08	CN15BP	01	1	TDD	LP					37B	
18738		XA524	20		XA536	52			168	9			SPI047	09	CN03BP	01	1	TDD	DP					11A	
													****	SIGNAL	(SPI047)	S ON THE NEXT PAGE ****									

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

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RECORD NUMBER	FROM				TO				WIRE				SIGNAL	SPQ NO	EQUATION	I TEST	B TEST	CMT OR CHIP TYPE	GROUP	LOAD OR POWER PLANE	TEST POINTS AND/OR	SIGNAL DESCRIPTION	ECO NO
	PREFIX	CONNECTOR	PIN	C S	PREFIX	CONNECTOR	PIN	C S	MULTI-GROUP	CODE	COLOR	DENT											
13271		XA333	41		XA333	53				168	9		SPI054	05		01	1	TLD	D3		228		
13303		XA333	53		XA333	54				168	9		SPI054	06		01	1	TLD	E3		288		
13255		XA333	54		XA333	68				168	9		SPI054	07		01	2	TLD	D1		25A		
13287		XA333	68		XA334	10				168	9		SPI054	08		01	2	TLD	E1		32A		
20653		XA334	10							168	9		SPI054	09				RR1	A6				
12991		XA331	23		XA331	29				168	9		SPI055	01		01	1	TLD	B4		118		
13416		XA331	29		XA331	34				168	9		SPI055	02		01	1	TLD	C3		148		
02358		XA331	34		XA331	40				168	9		SPI055	03		01	2	TLD	C2		16A		
13395		XA331	40		XA331	41				168	9		SPI055	04		01	2	TLD	C1		19A		
13458		XA331	41		XA331	54				168	9		SPI055	05		01	1	TLD	D3		228		
13437		XA331	54		XA334	20				168	9		SPI055	06		01	2	TLD	D1		25A		
20657		XA334	20							168	9		SPI055	07				RR1	B4				
12970		XA332	23		XA332	29				168	9		SPI056	01		01	1	TLD	B4		118		
13335		XA332	29		XA332	40				168	9		SPI056	02		01	1	TLD	C3		148		
13319		XA332	40		XA332	41				168	9		SPI056	03		01	2	TLD	C1		19A		
13375		XA332	41		XA332	54				168	9		SPI056	04		01	1	TLD	D3		228		
13355		XA332	54		XA332	64				168	9		SPI056	05		01	2	TLD	D1		25A		
21046		XA332	64		XA332	68				168	9		SPI056	06		01	1	TLD	E2		30A		
13134		XA332	68		XA333	47				168	9		SPI056	07		01	2	TLD	E1		32A		
13564		XA333	47		XA334	42				168	9		SPI056	08		01	1	TLD	D4		258		
20938		XA334	42							168	9		SPI056	09				RR1	D5				
13122		XA329	41		XA330	41				168	9		SPI057	01		01	1	TLD	D3		228		
13500		XA330	41		XA330	47				168	9		SPI057	02		01	1	TLD	D3		228		
21041		XA330	47		XA330	54				168	9		SPI057	03		01	1	TLD	D4		258		
13481		XA330	54		XA334	18				168	9		SPI057	04		01	2	TLD	D1		25A		
20655		XA334	18							168	9		SPI057	05				RR1	B2				
23374		XA333	22		XA336	17				168	9		SP0021	01		00	1	TLD	B1		12A		
21026		XA336	17							168	9		SP0021	02				RR1	B1				
23376		XA333	21		XA336	18				168	9		SP0022	01		00	1	TLD	B3		108		
21028		XA336	18							168	9		SP0022	02				RR1	B2				
23378		XA333	38		XA336	19				168	9		SP0023	01		00	1	TLD	C1		18A		
21030		XA336	19							168	9		SP0023	02				RR1	B3				
23380		XA333	33		XA336	20				168	9		SP0024	01		00	1	TLD	C3		168		
20665		XA336	20							168	9		SP0024	02				RR1	B4				
23382		XA333	52		XA336	24				168	9		SP0025	01		00	1	TLD	D1		24A		
21032		XA336	24							168	9		SP0025	02				RR1	B5				
23384		XA333	45		XA336	26				168	9		SP0026	01		00	1	TLD	D3		248		
21034		XA336	26							168	9		SP0026	02				RR1	B6				
23386		XA333	66		XA336	63				168	9		SP0027	01		00	1	TLD	E1		31A		
20688		XA336	63							168	9		SP0027	02				RR1	G2				

DRAWING NUMBER 149011-800
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RECORD NUMBER	FROM				TO				WIRE				SIGNAL	SEQ NO	EQUATION	TERM	FACTORY	CKT OR CHIP TYPE	GROUP	LOAD OR POWER PLANE	TEST POINTS AND OP	SIGNAL DESCRIPTION	ECO NO
	PREFIX	CONNECTOR	PIN	WIRE NO	PREFIX	CONNECTOR	PIN	WIRE NO	MULTI-GROUP	CODE	COLOR	IDENT											
23388 20689		XA333	57		XA336	64				168	9			SP0028	01		00	1	TLD	E3		30B	
		XA336	64							168	9			SP0028	02				RR1	F6			
23390 20690		XA332	38		XA336	65				168	9			SP0029	01		00	1	TLD	C1		18A	
		XA336	65							168	9			SP0029	02				RR1	G3			
23392 20691		XA332	33		XA336	66				168	9			SP0030	01		00	1	TLD	C3		16B	
		XA336	66							168	9			SP0030	02				RR1	G4			
23394 20692		XA332	52		XA336	71				168	9			SP0031	01		00	1	TLD	D1		24A	
		XA336	71							168	9			SP0031	02				RR1	H1			
23396 20694		XA332	45		XA336	73				168	9			SP0032	01		00	1	TLD	D3		24B	
		XA336	73							168	9			SP0032	02				RR1	H2			
23398 20695		XA331	38		XA336	74				168	9			SP0033	01		00	1	TLD	C1		18A	
		XA336	74							168	9			SP0033	02				RR1	G6			
23400 20696		XA331	33		XA336	75				168	9			SP0034	01		00	1	TLD	C3		16B	
		XA336	75							168	9			SP0034	02				RR1	H3			
23402 20658		XA331	52		XA334	23				168	9			SP0035	01		00	1	TLD	D1		24A	
		XA334	23							168	9			SP0035	02				RR1	C1			
13465 20925		XA331	45		XA334	24				168	9			SP0036	01		00	1	TLD	D3		24B	
		XA334	24							168	9			SP0036	02				RR1	B5			
13488 20659		XA330	52		XA334	25				168	9			SP0037	01		00	1	TLD	D1		24A	
		XA334	25							168	9			SP0037	02				RR1	C2			
13508 20660		XA330	45		XA334	26				168	9			SP0038	01		00	1	TLD	D3		24B	
		XA334	26							168	9			SP0038	02				RR1	B6			
13128 20932		XA329	45		XA334	37				168	9			SP0040	01		00	1	TLD	D3		24B	
		XA334	37							168	9			SP0040	02				RR1	D2			
13140 20663		XA332	66		XA334	38				168	9			SP0041	01		00	1	TLD	E1		31A	
		XA334	38							168	9			SP0041	02				RR1	C5			
23371 20664		XA331	27		XA334	39				168	9			SP0042	01		00	1	TLD	B4		13B	
		XA334	39							168	9			SP0042	02				RR1	D3			
12977 20534		XA332	27		XA334	40				168	9			SP0043	01		00	1	TLD	B4		13B	
		XA334	40							168	9			SP0043	02				RR1	D4			
14806 20536		XA331	30		XA334	41				168	9			SP0044	01		00	1	TLD	C2		15A	
		XA334	41							168	9			SP0044	02				RR1	E1			
										****	SIGNAL			SP0045						S ON THE	NEXT PAGE	****	

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UNIT ASSEMBLY NAME		CARD CAGE ASSY, CPU R.H.				FILE IDENT		T39B2CP2		DATE		09-03-82		PAGE											
RECORD NUMBER	FROM				TO				WIRE				SIGNAL	SEQ NO	EQUATION	3 TERM	FACTOR	CKT OR CHIP TYPE	GROUP	LOAD OR PORE PLANE	TEST POINTS AND/OR	SIGNAL DESCRIPTION	TCO NO		
	PREFIX	CONNECTOR	PIN	WIRE NO	PREFIX	CONNECTOR	PIN	WIRE NO	MULT. GROUP	CODE	COLCR	IDENT												SECTION WIRE	
13468 20682	XA330 XA336	51 53		XA336 XA336	53				168 168	9 9			SP0045 SP0045	01 02		00	1	TLD RR1	D4 F2		27B				
13511 20683	XA332 XA336	60 54		XA336	54				168 168	9 9			SP0046 SP0046	01 02		00	1	TLD RR1	E2 E6		28A				
21047 20685	XA333 XA336	51 56		XA336	56				168 168	9 9			SP0047 SP0047	01 02		00	1	TLD RR1	D4 F4		27B				
20879 18634	XA230 XA333	33 23		XA333	23				168 168	9 9			TPWFCA TPWFCA	01 02	TPWFCA TPWF20	00 01	1	TD4 TLD	C2 B4		16B 11B	PWR DOWN STOP DECO			
22034 20924	XA331 XA333	55 27		XA333	27				168 168	9 9			TPWF20 TPWF20	01 02	TPWF20	00	1	EXT TLD				13B	CPU RH BAY PWR DOW		
22588 21050 21051	XA249 XA134 XA119	09 20 20		XA134 XA119	20 20				168 168 168	9 9 9			UASTPB UASTPB UASTPB	01 02 03	CRUS0A	01	4	EXT TS8 RR4				11A	ADD STOP		
22490 21055 21056	XA249 XA320 XA321	19 10 26		XA320 XA321	10 26				168 168 168	9 9 9			UCHT1B UCHT1B UCHT1B	01 02 03				EXT RR4 TQ2						HLT SW 1 CTS	
21061 21062	XA321 XA135	22 08		XA135	08				168 168	9 9			UCHT10 UCHT10	01 02	UCHT10 CRUSLA	00 01	1 2	TQ2 TQ2	B1 A1			12A 06A	FR CTS- COND HLT		
22492 21064 21065	XA249 XA320 XA321	21 17 20		XA320 XA321	17 20				168 168 168	9 9 9			UCHY2B UCHY2B UCHY2B	01 02 03				EXT RR4 TQ2						HLT SW 2 CTS	
21070 21071	XA321 XA135	14 05		XA135	05				168 168	9 9			UCHY20 UCHY20	01 02	UCHY20 CRUSMA	00 01	1 2	TQ2 TQ2	B2 A2			09A 03B	FR CTS- COND HLT		
22494 21073 21074	XA249 XA320 XA321	23 19 19		XA320 XA321	19 19				168 168 168	9 9 9			UCHT3B UCHY3B UCHT3B	01 02 03				EXT RR4 TQ2					09B	HLT SW 3 CTS	
21079 21080	XA321 XA135	21 03		XA135	03				168 168	9 9			UCHT30 UCHT30	01 02	UCHT30 CRUSNA	00 01	1 1	TQ2 TQ2	B3 A3			10B 02A	FR CTS- COND HLT		
22496 21082 21083	XA249 XA320 XA321	25 20 25		XA320 XA321	20 25				168 168 168	9 9 9			UCHY4B UCHY4B UCHY4B	01 02 03				EXT RR4 TQ2						HLT SW 4 CTS	
21088 21089	XA321 XA135	27 13		XA135	13				168 168	9 9			UCHY40 UCHY40	01 02	UCHY40 CRUSPA	00 01	1 2	TQ2 TQ2	B4 A4			13B 06B	FR CTS- COND HLT		
21090 21091 21092	XA320 XA321 XA348	08 03 05		XA321 XA348 XA348	03 05 07				168 168 168	9 9 9			UCLCKB UCLCKB UCLCKB	01 02 03				RR4 TQ2 TQ2	A1 A3 A2			02A 03B			
									****		SIGNAL		UCLCKB		S ON THE							****			

DRAWING NUMBER 149011-800
 UNIT ASSEMBLY NAME CARD CAGE ASSY, CPU R.H.

STRING

UNIT ASSEMBLY NO. 149011
 FILE IDENT T39B2CP2

REV D DATE 09-03-82

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RECORD NUMBER	FROM				TO				WIRE			SIGNAL	SEQ NO	EQUATION	TERMINAL	FACTORY	CKT OR CHIP TYPE	GROUP	LOAD OR POWER PLANE	TEST POINTS AND OR	SIGNAL DESCRIPTION	ECO NO
	PREFIX	CONNECTOR	PIH	POS	PREFIX	CONNECTOR	PIH	POS	MULTI GROUP	CODE	COLOR											
21093		XA348	07		XA348	08				168	9		UCLCKB	04	CTNM10	01	1	TQ2	A3	03A		
21094		XA348	08		XA348	18				168	9		UCLCKB	05	CTNL10	01	1	TQ2	A1	06A		
21095		XA348	18		XA348	19				168	9		UCLCKB	06	CTNK20	01	1	TQ2	B2	10A		
21096		XA348	19		XA348	24				168	9		UCLCKB	07	CTNL20	01	1	TQ2	B3	09B		
21097		XA348	24		XA348	31				168	9		UCLCKB	08	CTNM20	01	1	TQ2	B1	13A		
21098		XA348	31		XA348	34				168	9		UCLCKB	09	CTNL30	01	1	TQ2	C3	15B		
21099		XA348	34		XA348	40				168	9		UCLCKB	10	CTNK30	01	1	TQ2	C2	16A		
21100		XA348	40		XA348	43				168	9		UCLCKB	11	CTNM30	01	1	TQ2	C1	19A		
21101		XA348	43		XA348	48				168	9		UCLCKB	12	CTNK40	01	1	TQ2	D3	23B		
21102		XA348	48		XA348	49				168	9		UCLCKB	13	CTNL40	01	1	TQ2	D2	22A		
21103		XA348	49		XA349	21				168	9		UCLCKB	14	CTNM40	01	1	TQ2	D4	26B		
21866		XA349	21							168	9		UCLCKB	15				EXT				
21107		XA415	41		XA415	48				168	9		UCLCKO	01	CTGM7A	01	1	TQ2	D3	22B		
21108		XA415	48		XA415	54				168	9		UCLCKO	02	CTGM6A	01	1	TQ2	D2	22A		
21109		XA415	54		XA321	09				168	9		UCLCKO	03	CTGM5A	01	1	TQ2	D1	25A		
21110		XA321	09							168	9		UCLCKO	04	UCLCKO	00	1	TQ2	A3	04B	FR CTS- CLOCK TO	
22524		XA449	01		XA250	63				168	9		UCMA4B	01				EXT			MOP A BAY 2 TO ICU	
22501		XA250	63							168	9		UCMA4B	02				EXT			FROM BAY 1 MOP A	
22526		XA449	03		XA250	69				168	9		UCMA8B	01				EXT			MOP A BAY 1	
22505		XA250	69							168	9		UCMA8B	02				EXT			FROM BAY 1 MOP A	
22528		XA449	05		XA250	61				168	9		UCMB2B	01				EXT			MOP C BAY 2 TO ICU	
22509		XA250	61							168	9		UCMB2B	02				EXT			FROM BAY 1 MOP C.	
22530		XA449	07		XA250	65				168	9		UCMB6B	01				EXT			MOP B BAY 1	
22513		XA250	65							168	9		UCMB6B	02				EXT			FROM BAY 1 MOP B	
22532		XA449	09		XA250	67				168	9		UCMB7B	01				EXT			MOP B BAY 1	
22517		XA250	67							168	9		UCMB7B	02				EXT			FROM BAY 1 MOP B	
22534		XA449	11		XA250	71				168	9		UCMB8B	01				EXT			MOP B BAY 1	
22521		XA250	71							168	9		UCMB8B	02				EXT			FROM BAY 1 MOP B	
22536		XA449	13		XA412	03				168	9		UCMC2B	01				EXT				
21112		XA412	03		XA119	05				168	9		UCMC2B	02	CMD2BQ	01	1	TDD	BQ	02A		
21113		XA119	05							168	9		UCMC2B	03				RR4	A3			
22574		XA449	15		XA411	29				168	9		UCMD3B	01				EXT				
21119		XA411	29		XA119	07				168	9		UCMD3B	02	CMD3BQ	01	1	TDD	FQ	14B		
21120		XA119	07							168	9		UCMD3B	03				RR4	A4			
22576		XA449	17		XA411	41				168	9		UCMD5B	01				EXT				
21126		XA411	41		XA119	08				168	9		UCMD5B	02	CMD5BQ	01	1	TDD	HQ	22B		
21127		XA119	08							168	9		UCMD5B	03				RR4	A1			
22582		XA449	19		XA411	63				168	9		UCMD6B	01				EXT				
21133		XA411	63		XA119	17				168	9		UCMD6B	02	CMD6BQ	01	1	TDD	JQ	33B		
													**** SIGNAL UCMD6B		IS ON THE NEXT PAGE ****							

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DRAWING NUMBER		149011-800										STRING		UNIT ASSEMBLY NO.		REV D		INDEX		UCMD6B	
UNIT ASSEMBLY NAME		CARD CAGE ASSY, CPU R.H.										FILE IDENT		DATE		PAGE		386			
RECORD NUMBER	FROM			TO			WIRE			SIGNAL	SEQ NO	EQUATION	TERM	FACT	CRT OR CHIP TYPE	PROP	LOAD OR POWER PLANE	TEST POINTS AND OR	SIGNAL DESCRIPTION	ECO NO	
	PREFIX	CONNECTOR	PIN	PREFIX	CONNECTOR	PIN	MULTI GROUP	CODE	COLOR												IDENT
21134		XA119	17						16B	9					RR4	B4					
22580		XA449	21	XA411	53				16B	9					EXT						
21140		XA411	53	XA119	19				16B	9					TDD	KQ		28B			
21141		XA119	19						16B	9					RR4	B5					
22258		XA449	23	XA411	80				16B	9					EXT						
21147		XA411	80	XA119	25				18B	9					TDD	LQ		39A		A01	
21148		XA119	25						16B	9					RR4	C4					
22260		XA449	25	XA411	65				16B	9					EXT						
21154		XA411	65	XA119	29				16B	9					TDD	HQ		34B			
21155		XA119	29						16B	9					RR4	C5					
22254		XA351	77	XA449	27				16B	9					EXT						
22262		XA449	27						16B	9					EXT						
22256		XA351	79	XA449	29				16B	9					EXT						
22264		XA449	29						16B	9					EXT						
22242		XA351	65	XA449	31				16B	9					EXT						
22266		XA449	31						16B	9					EXT						
22244		XA351	67	XA449	33				16B	9					EXT						
22268		XA449	33						16B	9					EXT						
22246		XA351	69	XA449	35				16B	9					EXT						
22270		XA449	35						16B	9					EXT						
22248		XA351	71	XA449	37				16B	9					EXT						
22272		XA449	37						16B	9					EXT						
22274		XA449	39	XA451	61				16B	9					EXT						
22539		XA451	61						16B	9					EXT					CTS MOP M BAY 1	
22276		XA449	41	XA451	63				16B	9					EXT						
22543		XA451	63						16B	9					EXT					CTS MOP M BAY 1	
22278		XA449	43	XA451	65				16B	9					EXT						
22547		XA451	65						16B	9					EXT					MTS MOP M BAY 1	
22280		XA449	45	XA451	67				16B	9					EXT						
22551		XA451	67						16B	9					EXT					CTS MOP M BAY 1	
22616		XA449	51	XA451	69				16B	9					EXT						
22555		XA451	69						16B	9					EXT					CTS MOP M BAY 1	
22284		XA449	49	XA451	71				16B	9					EXT						
22559		XA451	71						16B	9					EXT					CTS MOP M BAY 1	
									****	SIGNAL	UCMNOB				IS ON THE	NEXT PAGE	****				

DRAWING NUMBER 149011-800 UNIT ASSEMBLY NAME CARD CAGE ASSY, CPU R.H. STRING UNIT ASSEMBLY NO 149011 FILE IDENT T39B2CP2 REV D DATE 09-03-82 INDEX PAGE UCMNOB 387

RECORD NUMBER	FROM				TO				MULTI GROUP	CODE	COL. #	IDENT	SIGNAL	SEQ NO	EQUATION	TERM	FACTOR	CKT OR CHIP TYPE	GROUP	LOAD OR POWER PLANE	TEST POINTS AND OP	SIGNAL DESCRIPTION	ECO NO
	PREFIX	CONNECTOR	PIN	WIRE	PREFIX	CONNECTOR	PIN	WIRE															
22610		XA449	53		XA451	73			168	9			UCMNOB	01									
22563		XA451	73						168	9			UCMNOB	02								CTS MOP N BAY 1	
22578		XA449	57		XA451	75			168	9			UCMN1B	01									
22567		XA451	75						168	9			UCMN1B	02								CTS MOP N BAY 1	
22538		XA449	61		XA451	77			168	9			UCMN2B	01									
22571		XA451	77						168	9			UCMN2B	02								CTS MOP N BAY 1	
22542		XA449	63		XA412	63			168	9			UCMP6B	01									
21161		XA412	63		XA119	36			168	9			UCMP6B	02	CMP6BQ	01	1	TDD	JQ		338		
21162		XA119	36						168	9			UCMP6B	03				RR4	C1				
21881		XA449	59		XA412	41			168	9			UCMP9B	01									
21168		XA412	41		XA119	46			168	9			UCMP9B	02	CMP9BQ	01	1	TDD	HQ		228		
21169		XA119	46						168	9			UCMP9B	03				RR4	D2				
22546		XA449	65		XA523	29			168	9			UCMQ3B	01									
21175		XA523	29		XA119	37			188	9			UCMQ3B	02	CMQ3BQ	01	1	TDD	FQ		148		
21176		XA119	37						188	9			UCMQ3B	03				RR4	D4				
22282		XA449	47		XA432	29			168	9			UCMT4B	01									
21182		XA432	29		XA318	62			168	9			UCMT4B	02	CMT4BQ	01	1	TDD	FQ		148		
21183		XA318	62						168	9			UCMT4B	03				RR4	F1				
21842		XA349	15		XA406	20			168	9			UCMOPB	01									
21189		XA406	20		XA504	65			168	9			UCMOPB	02	CMCLM0	01	1	TQ2	B2		11A		
18777		XA504	65		XA119	52			188	9			UCMOPB	03	CMCLO0	01	3	TT3	F2		348		
21191		XA119	52						188	9			UCMOPB	04				RR4	E1				
22604		XA249	01		XA318	61			168	9			UCPURD	01									
21266		XA318	61		XA330	46			168	9			UCPURD	02								CTS=CPU RUN IOC	
21198		XA330	46						168	9			UCPURD	03	UCPURD	00	1	TLD	D2		21A	TO CTS- CPU RUN I	
20645		XA318	53		XA332	21			168	9			UCPUSD	01									
21205		XA332	21		XA249	03			168	9			UCPUSD	02	UCPUSD	00	1	TLD	B3		10B	TO CTS- CPU STOPP	
22600		XA249	03						168	9			UCPUSD	03									
22590		XA249	27		XA318	23			168	9			UCTR1B	01									
21210		XA318	23		XA321	42			168	9			UCTR1B	02								XFR SW 1 CTS	
21211		XA321	42						168	9			UCTR1B	03	UCTR10	01	1	TQ2	C1		20A		
21214		XA321	38		XA314	18			168	9			UCTR10	01	UCTR10	00	1	TQ2	C1		18A	FR CTS- COND TRF	
21215		XA314	18						168	9			UCTR10	02	C345HA	01	2	TQ2	B2		10A		
22592		XA249	29		XA318	24			168	9			UCTR2B	01									
21217		XA318	24		XA321	36			168	9			UCTR2B	02								XFR SW 2 CTS	
21218		XA321	36						168	9			UCTR2B	03	UCTR20	01	1	TQ2	C2		17A		
21221		XA321	30		XA311	26			168	9			UCTR20	01	UCTR20	00	1	TQ2	C2		15A	FR CTS- COND TRF	
									****			SIGNAL	UCTR20		S ON THE						****		

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DRAWING NUMBER		149011-800		STRING		UNIT ASSEMBLY NO		149011		REV D		INDEX		UCYR20						
UNIT ASSEMBLY NAME		CARD CAGE ASSY,CPU R.H.		FILE IDENT		T3982CP2		DATE		09-03-82		PAGE		388						
RECORD NUMBER	FROM			TO			WIRE			SIGNAL	SEQ NO	EQUATION	TERM	E FACTOR	CKT OR CHIP TYPE	GROUP	LOAD OR POWER PLANE	TEST POINTS AND/OR	SIGNAL DESCRIPTION	ECO NO
	PREFIX	CONNECTOR	PIH	PREFIX	CONNECTOR	PIH	MULTI GROUP	CODE	COLOR											
21222		XA311	26								16B 9								14A	
22594		XA249	31		XA318	25					16B 9									
21224		XA318	25		XA321	29					16B 9				EXT RR4	C4				XFR SW 3 CTS
21225		XA321	29								16B 9									
21228		XA321	33		XA311	20					16B 9									
21229		XA311	20								16B 9									
22596		XA249	33		XA318	26					16B 9				EXT					XFR SW 4 CTS
21231		XA318	26		XA321	35					16B 9				RR4	B2				
21232		XA321	35								16B 9				TQ2	C4				
21235		XA321	39		XA311	19					16B 9									
21236		XA311	19								16B 9									
22498		XA449	55		XA318	29					16B 9				EXT					
21238		XA318	29		XA321	54					16B 9				RR4	C5				
21239		XA321	54		XA321	50					16B 9									
21240		XA321	50								16B 9									
21243		XA332	74		XA332	76					16B 9									
21244		XA332	76		XA330	76					16B 9									
21245		XA330	76		XA330	74					16B 9									
21246		XA330	74		XA321	52					16B 9									
21247		XA321	52								16B 9									
21248		XA331	77		XA331	73					16B 9									
21249		XA331	73		XA330	70					16B 9									
21250		XA330	70		XA331	61					16B 9									
21251		XA331	61		XA330	62					16B 9									
21252		XA330	62		XA331	55					16B 9									
21253		XA331	55		XA321	46					16B 9									
21254		XA321	46								16B 9									
21879		XA349	11		XA318	51					16B 9				EXT					
21754		XA318	51		XA321	41					16B 9				RR4	F5				
21257		XA321	41								16B 9									
21262		XA321	45		XA135	17					16B 9									
21263		XA135	17								16B 9									
22206		XA251	73		XA349	37					16B 9									
22224		XA349	37								16B 9									
22198		XA251	65		XA349	31					16B 9									
22218		XA349	31								16B 9									
22202		XA251	69		XA349	29					16B 9									
22216		XA349	29								16B 9									

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DRAWING NUMBER UNIT ASSEMBLY NAME		149011-800 CARD CAGE ASSY, CPU R.O.H.										STRING	UNIT ASSEMBLY NO. FILE IDENT		149011 T3982CP2		REV D DATE		INDEX PAGE		UICSCB 389		
RECORD NUMBER	FROM				TO				WIRE				SIGNAL	SEQ NO	EQUATION	TERM RE	FACTS	CKT OR CHIP TYPE	GROUP	LOAD OR POWER PLANE	TEST POINTS AND OR	SIGNAL DESCRIPTION	ECO NO
	PREFIX	CONNECTOR	PIH	C #	PREFIX	CONNECTOR	PIH	C #	MULTI GROUP	CODE	COLOR	IDENT											
22200		XA251	67																				
22220		XA349	33		XA349	33				168	9		UICSMB	01				EXT					
		XA349	33							168	9		UICSMB	02				EXT					
22204		XA251	71																				
22222		XA349	35		XA349	35				168	9		UICSSB	01				EXT					
		XA349	35							168	9		UICSSB	02				EXT					
22194		XA251	61																				
21873		XA349	25		XA349	25				168	9		UICTAB	01				EXT					
		XA349	25							168	9		UICTAB	02				EXT					
22196		XA251	63																				
22214		XA349	27		XA349	27				168	9		UICTDB	01				EXT					
		XA349	27							168	9		UICTDB	02				EXT					
18481		XA120	34																				
14770		XA318	08		XA318	08				168	9		UINHSD4	00	CRUSSA	01	2	TD4	C2			16A	
21869		XA349	01		XA349	01				168	9		UINHSD4	02				RR4	A1				
		XA349	01							168	9		UINHSD4	03				EXT					
23019		XA333	72																				
22614		XA249	17		XA249	17				168	9	P	CG73CD4	A0	UINRPB	01	1	TLD	F2			34A	
21272		XA126	68		XA126	68				168	9		UINRPB	00				EXT					
18952		XA119	35		XA119	35				168	9		UINRPB	02	CLCICA	01	2	TT3	E1			32A	
		XA119	35							168	9		UINRPB	03				RR4	D3				
21877		XA349	09																				
21277		XA320	09		XA320	09				168	9		UINSTB	01				EXT					INST STP, UINST=UP
21278		XA323	05		XA323	05				168	9		UINSTB	02				RR4	A5				
		XA323	05							168	9		UINSTB	03	UINSTO	01	2	TQ2	A2			03B	
21283		XA323	01																				
21284		XA135	24		XA135	24				168	9		UINSTO	01	UINSTO	00	1	TQ2	A2			02B	FR CTS- INSTR STO
21285		XA135	20		XA135	20				168	9		UINSTO	02	CRUSIA	01	2	TQ2	B1			13A	
		XA135	20							168	9		UINSTO	03	CRUS2A	01	1	TQ2	B2			11A	
21287		XA132	01																				
21288		XA318	56		XA318	56				168	9		ULO2IB	02	CR01H0	01	2	TT3	A2			02B	
22622		XA249	35		XA249	35				168	9		ULO2IB	03				RR4	F2				
18645		XA504	06		XA504	06				168	9		ULO2IB	035				EXT					AUTO START
		XA504	06							168	9		ULO2IB	04	PLPR20	01	3	TT3	A1			05A	
21836		XA349	23																				
21294		XA341	64		XA341	64				168	9		UMCLKB	01				EXT					MEM CLK FOR WRITIG
21295		XA119	62		XA119	62				168	9		UMCLKB	02	CTMWRO	01	1	TQ2	E2			30A	
		XA119	62							168	9		UMCLKB	03				RR4	F1				
21300		XA302	10																				
21301		XA318	36		XA318	36				168	9		UMPEIB	01	C612AA	01	1	TQ2	A1			07A	
		XA318	36		XA321	47				168	9		UMPEIB	02				RR4	C1				
21302		XA321	47		XA402	11				168	9		UMPEIB	03	UMPEIO	01	1	TQ2	D4			25B	
21303		XA402	11		XA512	18				168	9		UMPEIB	04	C613AA	01	1	TQ2	A4			05B	
21304		XA512	18		XA513	04				168	9		UMPEIB	05	PQ002A	01	5	TS8	B1			10A	
21305		XA513	04		XA516	65				168	9		UMPEIB	06	PQ011A	01	1	TD4	A2			04A	
21306		XA516	65		XA525	75				168	9		UMPEIB	07	PQ06FA	01	1	TQ2	F3			34B	
21307		XA525	75		XA541	08				168	9		UMPEIB	08	PQ001A	01	3	TD4	F1			37B	
21308		XA541	08		XA349	13				168	9		UMPEIB	09	C529CA	01	2	TQ2	A1			06A	
22585		XA349	13							168	9		UMPEIB	10				EXT					

DRAWING NUMBER 149011-800
 UNIT ASSEMBLY NAME CARD CAGE ASSY, CPU R.H.

STRING

UNIT ASSEMBLY NO 149011
 FILE IDENT T3982CP2

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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	CS	PREFIX	CONNECTOR	PIN	CS	MULTI GROUP	CODE	COLOR	IDENT												PLATE	DRIVE
21312		XA333	62		XA321	51				168	9		UMPEIO	01	JMPEIO4	01	2	YLD	E2		29A	FR CTS- MEM PAR E			
21313		XA321	51							168	9		UMPEIO	02	UMPEIO	00	1	TQ2	D4		27B				
21315		XA318	38		XA331	21				168	9		UPGLLD	01				RR4	C2						
21316		XA331	21		XA249	07				168	9		UPGLLD	02	UPGLLD	00	1	YLD	B3			10B	TO CYS- PROG LEV PROG LEV LOCK		
22584		XA249	07							168	9		UPGLLD	03				EXT							
22488		XA249	13		XA317	18				168	9		UPRLTB	01				EXT						PROG LEV TRACE	
21321		XA317	18		XA318	17				168	9		UPRLTB	02	UPRLTB	01	2	TQ2	B2			10A			
21322		XA318	17							168	9		UPRLTB	03				RR4	B4						
21327		XA541	20		XA406	76				168	9		UPRLTO	01	C520GA	01	1	TQ2	B2			11A			
21328		XA406	76		XA312	36				168	9		UPRLTO	02	C622EA	01	1	TQ2	F4			37A			
21329		XA312	36		XA317	14				168	9		UPRLTO	03	C343JA	01	1	TD4	C2			17A			
21330		XA317	14							168	9		UPRLTO	04	UPRLTO	00	1	TQ2	B2			09A	PROG LEV TRACE FR		
21840		XA349	07		XA507	56				168	9		UPVORB	00				EXT							
21332		XA507	56		XA119	26				188	9		UPVORB	02	PL00RO	01	1	TQ2	D1			26A			
21333		XA119	26							188	9		UPVORB	03				RR4	B2						
21339		XA202	68		XA317	17				168	9		URECVB	02	CLC4E0	01	2	TS8	E1			32A			
21340		XA317	17		XA318	19				168	9		URECVB	03	URECV0	01	1	TQ2	B3			08B			
21341		XA318	19		XA349	19				168	9		URECVB	04				RR4	B5						
21864		XA349	19		XA551	65				168	9		URECVB	05				EXT							
21893		XA551	65							168	9		URECVB	06				EXT							
21349		XA415	43		XA415	50				168	9		URECV0	01	CTGM7A	01	2	TQ2	D3			23B			
21350		XA415	50		XA415	56				168	9		URECV0	02	CTGM6A	01	2	TQ2	D2			23A			
21351		XA415	56		XA317	21				168	9		URECV0	03	CTGM5A	01	2	TQ2	D1			26A			
21352		XA317	21							168	9		URECV0	04	URECV0	00	1	TQ2	B3			10B	FR CTS- RECEIVE C		
22630		XA249	15		XA251	75				168	9		URTCIB	01				EXT							
22708		XA251	75							168	9		URTCIB	02				EXT							
21862		XA349	03		XA321	05				168	9		URUNAB	01				EXT						AUTO START	
21354		XA321	05		XA119	10				168	9		URUNAB	02	URUNAO	01	2	TQ2	A2			03B			
14818		XA119	10							168	9		URUNAB	03				RR4	A2						
21360		XA321	01		XA320	07				168	9		URUNAO	01	URUNAO	00	1	TQ2	A2			02B	FR CTS- AUTO STAR		
21361		XA320	07		XA133	74				168	9		URUNAO	02				RR4	A4						
21362		XA133	74							168	9		URUNAO	03	CRUSHA	01	4	TD4	F2			35B			
21891		XA349	17		XA451	79				168	9		USENDB	01				EXT							
22625		XA451	79							168	9		USENDB	02				EXT						CTS MOP N BAY 1	
22598		XA249	37		XA133	40				168	9		USTRTB	00				EXT						PRIV COMP TO DB0-7	
21364		XA133	40		XA119	38				168	9		USTRTB	02	CRUSSO	01	2	TD4	C1			19A			
21365		XA119	38							168	9		USTRTB	03				RR4	C2						

DRAWING NUMBER 149011-800		STRING										UNIT ASSEMBLY NO. 149011		REV D DATE 09-03-82		INDEX PAGE 391		USTRTB					
UNIT ASSEMBLY NAME CARD CAGE ASSY, CPU R.H.		FROM		TO		WIRE		MULTI		SIGNAL		EQUATION		EXT		LOAD		TEST		SIGNAL		ECO	
RECORD NUMBER	PREFIX	CONNECTOR	PIN	PREFIX	CONNECTOR	PIN	CODE	COLOR	IDENT	SIGNAL	SEQ NO	EQUATION	TERM	FACTOR	EXT OR CHIP TYPE	GROUP	LOAD OR POWER P-ANE	TEST POINTS AND JP	SIGNAL DESCRIPTION	ECO NO			
22612		XA249	11		XA317	23	168	9		USTSPB	01				EXT								
21369		XA317	23		XA318	20	168	9		USTSPB	02	USTSPO	01	1	TQ2	B4		118		STATE STEP			
21370		XA318	20				168	9		USTSPB	03				RR4	B1							
21375		XA317	27		XA135	18	168	9		USTSPO	01	USTSPO	00	1	TQ2	B4		138		FR CTS- CPU STATE			
21376		XA135	18				168	9		USTSPO	02	CRUS2A	01	2	TQ2	B2		10A					
19785		XA148	39		J01	A4	180	9		WCPION	01				EXT					PW ON INTLK (PD2)			
22633		J01	A4				180	9		WCPION	02				PWR							A01	
20175		XA448	79		XA148	43	180	9		WCPUON	01				EXT					FROM F/F PWR ON SW			
19789		XA148	43				168	9		WCPUON	02				EXT								
19755		XA148	05		XA333	25	168	9		WDDJA	01				EXT								
18618		XA333	25				168	9		WDDJA	02	TPWF2D	01	2	TLD	B4		12B					
22463		J01	L4		XA148	03	ZF	1E8	9	WDDJB	01				PWR							C05	
19753		XA148	03				ZF	1E8	9	WDDJB	02				EXT								
22462		J01	L3		XA148	04	ZF	1E8	0	WDDJG	01				PWR							C05	
19754		XA148	04				ZF	1E8	0	WDDJG	02				EXT								
22234		XA350	77		XA448	47	168	9		WKL TSA	11				EXT								
20145		XA448	47				168	9		WKL TSA	12				EXT								
22232		XA350	75		XA334	09	168	9		WKL TSB	01				EXT								
20652		XA334	09		XA137	06	168	9		WKL TSB	02				RR1	A5							
18964		XA137	06		XA138	06	168	9		WKL TSB	03	KD01LDX	01	1	DCF	A7		05A					
19036		XA138	06		XA138	36	168	9		WKL TSB	04	KD05LDX	01	1	DCF	A7		05A					
19062		XA138	36		XA137	52	168	9		WKL TSB	05	KD09LDX	01	1	DCF	B7		13A					
19005		XA137	52		XA138	52	168	9		WKL TSB	06	KD13LDX	01	1	DCF	C7		29A					
19077		XA138	52		XA138	72	168	9		WKL TSB	07	KD17LDX	01	1	DCF	C7		29A					
19095		XA138	72				168	9		WKL TSB	08	KBSILD	01	1	DCF	D7		36A					
06441		XA345	50		XA348	15	168	9		OSOGNA	01				OSC								
21021		XA348	15				168	9		OSOGNA	02	OSOGNA	00	1	TQ2	A4		07B		UNUSABLE SPARE			
19787		XA148	41		XA348	13	168	9		OSOGNO	01				EXT								
18769		XA348	13		XA334	08	168	9		OSOGNO	02	OSOGNA	01	1	TQ2	A4		06B					
20651		XA334	08				168	9		OSOGNO	03				RR1	A4							
21378		XA119	06		XA118	02	168	9		11902G	02	GROUND			RR4	AC							
23031		XA118	02				168	9		11902G	03	GROUND											
21379		XA119	18		XA119	30	168	9		11932G	01	GROUND			RR4	BC							
21380		XA119	30		XA119	32	168	9		11932G	02	GROUND			RR4	CC							
21381		XA119	32				168	9		11932G	03	GROUND			RR4								
**** SIGNAL 11944G IS ON THE NEXT PAGE ****																							

DRAWING NUMBER 149011-800
 UNIT ASSEMBLY NAME CARD CAGE ASSY, CPU R.H.

STRING

UNIT ASSEMBLY NO. 149011
 FILE IDENT T39B2CP2

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RECORD NUMBER	FROM				TO				WIRE				SIGNAL	SEQ NO	EQUATION	TERM	FACTS	CKT OR CHIP TYPE	SWP	LOAD OR POWER PLANE	TEST POINTS AND OR	SIGNAL DESCRIPTION	ECO NO
	PREFIX	CONNECTOR	PIN	CS	PREFIX	CONNECTOR	PIN	CS	MULTI GROUP	CODE	COLOR	IDENT											
21382		XA119	40		XA119	44				168	9		11944G	01	GROUND			RR4	DC				
21383		XA119	44		XA119	54				168	9		11944G	02	GROUND			RR4					
21384		XA119	54							168	9		11944G	03	GROUND			RR4	EC				
21385		XA119	64		XA119	67				168	9		11967G	01	GROUND			RR4	FC				
21386		XA119	67		XA119	74				168	9		11967G	02	GROUND			RR4					
21387		XA119	74		XA119	77				168	9		11967G	03	GROUND			RR4	GC				
21388		XA119	77							168	9		11967G	04	GROUND			RR4	HC				
21389		XA318	02		XA318	06				168	9		31806G	01	GROUND			RR4					
21390		XA318	06		XA318	18				168	9		31806G	02	GROUND			RR4	AC				
21391		XA318	18							168	9		31806G	03	GROUND			RR4	BC				
21392		XA318	27		XA318	30				188	0		31830G	01	GROUND			RR4					
21393		XA318	30		XA318	31				168	9		31830G	02	GROUND			RR4	CC				
21394		XA318	31		XA318	32				168	9		31830G	03	GROUND			RR4					
21395		XA318	32							168	9		31830G	04	GROUND			RR4					
21396		XA318	40		XA318	44				168	9		31840G	01	GROUND			RR4	DC				
21397		XA318	44		XA318	54				168	9		31840G	02	GROUND			RR4					
20646		XA318	54							168	9		31840G	03				RR4	EC				
21398		XA318	64		XA318	67				168	9		31867G	01	GROUND			RR4	FC				
21399		XA318	67		XA318	74				168	9		31867G	02	GROUND			RR4					
21400		XA318	74		XA318	77				168	9		31867G	03	GROUND			RR4	GC				
21401		XA318	77		XA318	79				168	9		31867G	04	GROUND			RR4	HC				
21402		XA318	79		XA318	80				168	9		31867G	05	GROUND			RR4	HP				
21403		XA318	80							168	9		31867G	06	GROUND			RR4	HP				
21404		XA320	02		XA320	06				168	9		32006G	01	GROUND			RR4					
21405		XA320	06		XA320	11				168	9		32006G	02	GROUND			RR4	AC				
21406		XA320	11	1	XA320	18		1		168	9		32006G	03	GROUND			RR4					
21407		XA320	18							168	9		32006G	04	GROUND			RR4	BC				
21408		XA320	30		XA320	31				168	9		32030G	01	GROUND			RR4	CC				
21409		XA320	31		XA320	32				168	9		32030G	02	GROUND			RR4					
21410		XA320	32							168	9		32030G	03	GROUND			RR4					
21411		XA320	40		XA320	44				168	9		32040G	01	GROUND			RR4	DC				
21412		XA320	44		XA320	54				168	9		32040G	02	GROUND			RR4					
21413		XA320	54							168	9		32040G	03	GROUND			RR4	EC				
21414		XA320	64		XA320	67				168	9		32067G	01	GROUND			RR4	FC				
21415		XA320	67		XA320	74				168	9		32067G	02	GROUND			RR4					
21416		XA320	74		XA320	77				168	9		32067G	03	GROUND			RR4	GC				
21417		XA320	77							168	9		32067G	04	GROUND			RR4	HC				

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