

ARMY
NAVY
AIR FORCE

TM 11-5895-856-34-12

EE640-CA-MMI-120/E154 CPU
TO 31W2-2T-122-12

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

INSERT LATEST CHANGED PAGES. DESTROY SUPERSEDED PAGES.

LIST OF EFFECTIVE PAGES

Dates of issue for original and changed pages are:

Original.. 0 .

TOTAL NUMBER OF PAGES IN THIS PUBLICATION IS 352 CONSISTING OF THE FOLLOWING:

Page No.	#Change No.	Page No.	#Change No.	Page No.	# Change No.
Cover	0				
Safety Steps.....	0				
a - b.....	0				
i - ii	0				
(149016-800)					
1-332.....	0				
Report of Errors.....	0				

Zero in this column indicates an original page.

TECHNICAL MANUAL
NO. 11-5895-856-34-12
TECHNICAL MANUAL
EE640-CA-MMI-120/E154 CPU
TECHNICAL ORDER
TO 31W2-2T-122-12

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
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**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 12 TM 11-5895-856-34-12**

Card Cage Assembly "A", Interface Control Unit - R.H., Wire List, String (149016-800)

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 "A" of the interface control unit, drawing number 149016-800. 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 "A", INTERFACE CONTROL UNIT
- RIGHT HAND
STRING WIRE LIST
149016-800**

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, A, IFCU.

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.

Drawing No.
149016-800
Rev. E, sheet 2

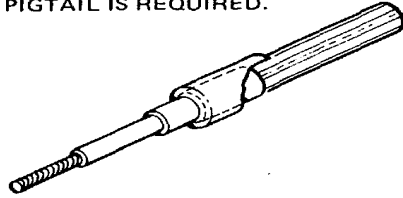
H78 STRING AND CONNECTOR LIST, DEFINITION OF FIELDS - Continued

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

Drawing No.
149016-800
Rev. E, sheet 3

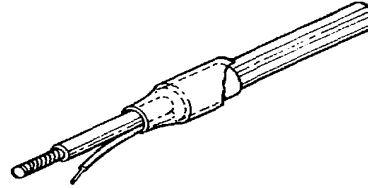
SHIELD FIGURE A

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



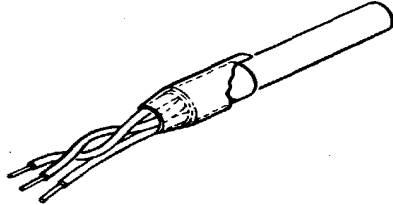
SHIELD FIGURE B

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



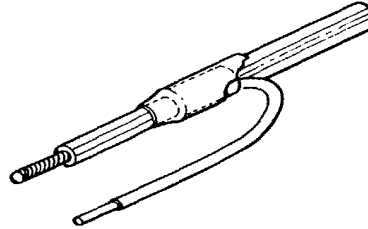
SHIELD FIGURE G

SHIELDED CABLE TERMINATION WITH DRAIN WIRE



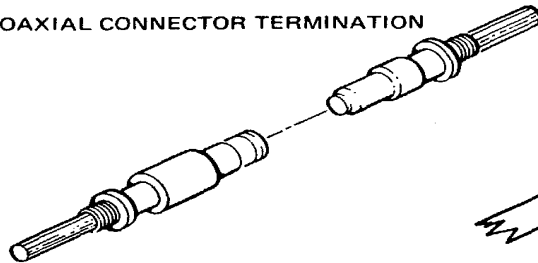
SHIELD FIGURE C

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



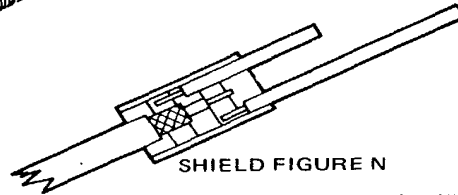
SHIELD FIGURE Z

COAXIAL CONNECTOR TERMINATION



SHIELD FIGURE N

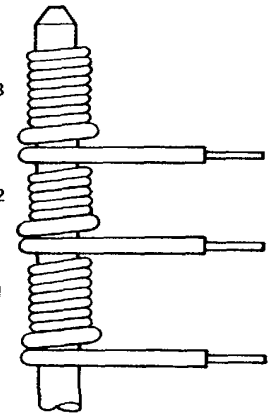
TRANSITION DEVICE WITH
SOLID WIRE PIGTAILS



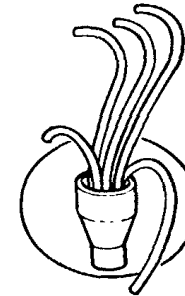
SHIELD FIGURE NO. 3

SHIELD FIGURE NO. 2

SHIELD FIGURE NO. 1



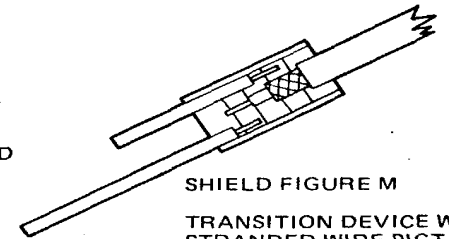
SHIELD FIGURE NUMBER
INDICATES LEVEL OF WIRE WRAP



SHIELD FIGURE X
SHIELDED WIRE
PIGTAILS—HYBRID

SHIELD FIGURE M

TRANSITION DEVICE WITH
STRANDED WIRE PIGTAILS



WIRE CODE DEFINITION			WIRE CODE DEFINITION		
Type	Description	AWG	Type	Description	AWG
1 = Polyvinylidene Fluoride (PVF) (Kynar)	1 = Buss Wire	A = 32	*F = MIL-C-17/94 (formerly MIL-C-17/68)	F = Tw Pr, Shielded	R = 2
2 = Teflon ET	2 = High Voltage	B = 30	*G = 898008-2	G = Tw Tpl, Stranded	S = 1
3 = Teflon E	3 =	C = 28	*H = 898008-1	H = Tw Tpl, Solid	T = 0
4 = Teflon EE	4 =	D = 26	*J = MIL-C-17/29	J = Tw Tpl, Shielded	U = 00
5 = Fluorinated Ethylene Propylene (FEP), Type K	5 = Integral Lead	E = 24	*K = MIL-C-17/30	K = Tw Quadr, Stranded	V = 000
6 = FEP, Type KT	6 = Auto Wire Wrap	F = 22	*L = MIL-C-17/79	L = Tw Quadr, Solid	W = 0000
7 = Special Condition	7 =	G = 20	*M = MIL-C-17/74	M = Tw Quadr, Shielded	X = Coax
8 = Polyvinyl Chloride (PVC) with Nylon Jacket, Type D	8 =	H = 18	*N = MIL-C-17/86	N = Tw Six Conductor, Stranded	Y =
9 = MIL-W-81044/12	9 =	I = 16	*P = MIL-C-17/28	P =	Z =
0 = Buss or Integral	0 = Special	J = 14	*R = 898008-4	R =	1 =
A = PVC without Jacket, Type B	A = Single Stranded	K = 12	*S = MIL-C-17/6	S =	2 =
B = PVC with Jacket	B = Single Solid	L = 10	*T = 898059-0001	T =	3 =
C = MIL-W-22759/1	C = Single Shielded	M = 8	U = 898017-1	U =	4 =
D = MIL-W-5086/1	D = TW Pr, Stranded	N = 6	V = 898017-2	V =	5 =
E = MIL-W-5086/2	E = Tw Pr, Solid	P = 4	W = 898007-1 thru -4	W = 70 Ohm Coax	6 =
			X = 898004, Type B	X = 50 Ohm Coax	7 =
			Y = 898004, Type D	Y = 75 Ohm Coax	8 =
			*Z = MIL-C-17/94	Z = 95 Ohm Coax	9 = Spcl
			*I = MIL-C-17/118		0 = Int Lead

NOTES: *1. Coax.

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

PARTS LIST		CONTRACT NUMBER		CODE IDENT		PL 149016-800		REVISION		
TITLE							SHEET			
CARD CAGE ASSEMBLY 'A', INTERFACE CONTROL UNIT-RH, WIRE LIST							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		898041-0002		WIRE, ELEC, 250V, PVF INSUL 30 GAGE (WHITE)		5	1B3		
2.	4		898042-0003		WIRE, ELEC, 250V, PVF INSUL 26 GAGE (BLACK)		1	1B4		
3.	32		898042-0004		WIRE, ELEC, 250V, PVF INSUL 26 GAGE (RED)		8	1B4		
4.	4		898042-0002		WIRE, ELEC, 250V, PVF INSUL 26 GAGE (WHITE)		1	1B4		
5.	16		898042-0034		CABLE, ELEC, TWISTED TWO CONDCT, 250V, PVF INSUL 26 GAGE (BLACK, RED)		5	1E4		
6.	9000		898041-0002		WIRE, ELEC, 250V, PVF INSUL 30 GAGE (WHITE)		9030	16B		

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DRAWING NUMBER	149016-800		STRING	UNIT ASSEMBLY NO.		149016	REV	E	INDEX	05RES
UNIT ASSEMBLY NAME	CARD CAGE ASSY,A,IFCU			FILE IDENT	T39CIFC6	DATE	09-03-82	PAGE	7	
63555	XA146	43	XA547	80	188 9	+05RES	00C	MTS	SENSE R2	C02
00015	XA547	80	XA547	79	168 9	+05RES	080	RR4	HP	
00016	XA547	79	XA544	70	168 9	+05RES	085	RR4	HP	
00019	XA544	70	XA544	69	168 9	+05RES	100	RR4	GP	
00020	XA544	69	XA544	59	168 9	+05RES	105	RR4	GP	
00021	XA544	59	XA544	60	168 9	+05RES	110	RR4	FP	
00022	XA544	60	XA544	50	168 9	+05RES	115	RR4	FP	
00023	XA544	50	XA544	49	168 9	+05RES	120	RR4	EP	
00024	XA544	49	XA544	33	168 9	+05RES	125	RR4	EP	
00025	XA544	33	XA544	34	168 9	+05RES	130	RR4	DP	
00026	XA544	34	XA544	22	168 9	+05RES	135	RR4	DP	
00027	XA544	22	XA544	21	168 9	+05RES	140	RR4	CP	
00028	XA544	21	XA544	13	168 9	+05RES	145	RR4	CP	
00029	XA544	13	XA544	14	168 9	+05RES	150	RR4	BP	
00030	XA544	14	XA544	04	168 9	+05RES	155	RR4	BP	
00031	XA544	04	XA544	03	168 9	+05RES	160	RR4	AP	
00032	XA544	03	XA442	03	168 9	+05RES	165	RR4	AP	
00047	XA442	03	XA442	04	168 9	+05RES	200	RR4	AP	
00048	XA442	04	XA442	14	168 9	+05RES	205	RR4	AP	
00045	XA442	14	XA442	13	168 9	+05RES	210	RR4	BP	
00046	XA442	13	XA442	21	168 9	+05RES	215	RR4	BP	
00043	XA442	21	XA442	22	168 9	+05RES	220	RR4	CP	
00044	XA442	22	XA442	34	168 9	+05RES	225	RR4	CP	
00041	XA442	34	XA442	33	168 9	+05RES	230	RR4	DP	
00042	XA442	33	XA442	49	168 9	+05RES	235	RR4	DP	
00039	XA442	49	XA442	50	168 9	+05RES	240	RR4	EP	
00040	XA442	50	XA442	60	168 9	+05RES	245	RR4	EP	
00037	XA442	60	XA442	59	168 9	+05RES	250	RR4	FP	
00038	XA442	59	XA442	69	168 9	+05RES	255	RR4	FP	
00035	XA442	69	XA442	70	168 9	+05RES	260	RR4	GP	
00036	XA442	70	XA442	80	168 9	+05RES	265	RR4	GP	
00033	XA442	80	XA442	79	168 9	+05RES	270	RR4	HP	
00034	XA442	79	XA346	79	168 9	+05RES	275	RR4	HP	
50009	XA346	79	XA346	80	168 9	+05RES	300	RR4	HP	
50008	XA346	80	XA346	70	168 9	+05RES	305	RR4	HP	
50007	XA346	70	XA346	69	168 9	+05RES	310	RR4	GP	
50006	XA346	69	XA346	59	168 9	+05RES	315	RR4	GP	
50005	XA346	59	XA346	60	168 9	+05RES	320	RR4	FP	
50004	XA346	60	XA346	50	168 9	+05RES	325	RR4	FP	
50003	XA346	50	XA346	49	168 9	+05RES	330	RR4	EP	
50002	XA346	49	XA346	33	168 9	+05RES	335	RR4	EP	
50017	XA346	33	XA346	34	168 9	+05RES	340	RR4	DP	
50016	XA346	34	XA346	22	168 9	+05RES	345	RR4	DP	
50015	XA346	22	XA346	21	168 9	+05RES	350	RR4	CP	
50014	XA346	21	XA346	13	168 9	+05RES	355	RR4	CP	
50013	XA346	13	XA346	14	168 9	+05RES	360	RR4	BP	
50012	XA346	14	XA346	04	168 9	+05RES	365	RR4	BP	
50011	XA346	04	XA346	03	168 9	+05RES	370	RR4	AP	

**** SIGNAL +05RES IS ON THE NEXT PAGE ****

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DRAWING NUMBER 149016-800 STRING UNIT ASSEMBLY NO. 149016 REV E INDEX 05RES
 UNIT ASSEMBLY NAME CARD CAGE ASSY,A,IFCU FILE IDENT T39CIFC6 DATE 09-03-82 PAGE 8

RECORD NUMBER	FROM				TO				WIRE			SIGNAL	SEC NO	EQUATION	TERM	FUNCTION	CMT OR CHIP TYPE	MARK	LAYER OR POLY PLATE	TEST POINT NUMBER	INTERNAL DESCRIPTION	ECC NO
	PREFIX	CONNECTOR	PIN	TYPE	PREFIX	CONNECTOR	PIN	GROUP	CODE	COLOR	IDENT											
50010		XA246	03		XA246	03			16B	9		+05RES	375				RR4	AP				
40025		XA246	03		XA246	04			16B	9		+05RES	400				RR4	AP				
40026		XA246	04		XA246	14			16B	9		+05RES	405				RR4	AP				
40027		XA246	14		XA246	13			16B	9		+05RES	410				RR4	BP				
40028		XA246	13		XA246	21			16B	9		+05RES	415				RR4	BP				
40029		XA246	21		XA246	22			16B	9		+05RES	420				RR4	CP				
40030		XA246	22		XA246	34			16B	9		+05RES	425				RR4	CP				
40031		XA246	34		XA246	33			16B	9		+05RES	430				RR4	DP				
40032		XA246	33		XA246	49			16B	9		+05RES	435				RR4	DP				
40001		XA246	49		XA246	50			16B	9		+05RES	440				RR4	EP				
40002		XA246	50		XA246	60			16B	9		+05RES	445				RR4	EP				
40003		XA246	60		XA246	59			16B	9		+05RES	450				RR4	FP				
40004		XA246	59		XA246	69			16B	9		+05RES	455				RR4	FP				
40005		XA246	69		XA246	70			16B	9		+05RES	460				RR4	GP				
40006		XA246	70		XA246	80			16B	9		+05RES	465				RR4	GP				
40007		XA246	80		XA246	79			16B	9		+05RES	470				RR4	HP				
40008		XA246	79		XA243	79			16B	9		+05RES	475				RR4	HP				
63922		XA243	79		XA243	80			16B	9		+05RES	500				RR1	HP				
63923		XA243	80		XA243	70			16B	9		+05RES	505				RR1	GP				
63924		XA243	70		XA243	69			16B	9		+05RES	510				RR1	HP				
63925		XA243	69		XA243	59			16B	9		+05RES	515				RR1	GP				
63926		XA243	59		XA243	60			16B	9		+05RES	520				RR1	FP				
63927		XA243	60		XA243	50			16B	9		+05RES	525				RR1	FP				
63928		XA243	50		XA243	49			16B	9		+05RES	530				RR1	EP				
63929		XA243	49		XA243	33			16B	9		+05RES	535				RR1	EP				
63930		XA243	33		XA243	34			16B	9		+05RES	540				RR1	DP				
63931		XA243	34		XA243	22			16B	9		+05RES	545				RR1	DP				
63932		XA243	22		XA243	21			16B	9		+05RES	550				RR1	CP				
63933		XA243	21		XA243	13			16B	9		+05RES	555				RR1	CP				
63934		XA243	13		XA243	14			16B	9		+05RES	560				RR1	BP				
63935		XA243	14		XA243	04			16B	9		+05RES	565				RR1	BP				
63936		XA243	04		XA243	03			16B	9		+05RES	570				RR1	AP				
63937		XA243	03		XA144	03			16B	9		+05RES	575				RR1	AP				
60015		XA144	03		XA144	04			16B	9		+05RES	600				RR4	AP				
60016		XA144	04		XA144	14			16B	9		+05RES	605				RR4	AP				
60013		XA144	14		XA144	13			16B	9		+05RES	610				RR4	BP				
60014		XA144	13		XA144	21			16B	9		+05RES	615				RR4	BP				
60011		XA144	21		XA144	22			16B	9		+05RES	620				RR4	CP				
60012		XA144	22		XA144	34			16B	9		+05RES	625				RR4	CP				
60009		XA144	34		XA144	33			16B	9		+05RES	630				RR4	DP				
60010		XA144	33		XA144	49			16B	9		+05RES	635				RR4	DP				
60007		XA144	49		XA144	50			16B	9		+05RES	640				RR4	EP				
60008		XA144	50		XA144	60			16B	9		+05RES	645				RR4	EP				
60005		XA144	60		XA144	59			16B	9		+05RES	650				RR4	FP				
60006		XA144	59		XA144	69			16B	9		+05RES	655				RR4	FP				
60003		XA144	69		XA144	70			16B	9		+05RES	656				RR4	GP				
60004		XA144	70		XA144	80			16B	9		+05RES	657				RR4	GP				
60001		XA144	80		XA144	79			16B	9		+05RES	658				RR4	HR				
60002		XA144	79								K	+05RES	659				RR4	HP				
63551		XA146	39	3	XA144	03	3		16B	9		+05RES	700				MIS					SENSE RI

*** SIGNAL (+05RES) IS ON THE NEXT PAGE ***

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DRAWING NUMBER 149016-800 STRING UNIT ASSEMBLY NO. 149016 REV E INDEX 05RES
 UNIT ASSEMBLY NAME CARD CAGE ASSY,A,IFCU FILE IDENT T39CIFC6 DATE 09-03-82 PAGE 9

RECORD NUMBER	REF ID	CONNECTOR	PIN	UNIT	CONNECTOR	PIN	UNIT	SIGNAL	FUNCTION	REMARKS
63938		XA144	03					+05RES	705	RR4 AP
63541		XA146	27	3	XA144	04	3	+05RES	710	MTS
63939		XA144	04					+05RES	715	RR4 AP
63542		XA146	29		XA547	80		+05RES	720	MTS
65591		XA547	80					+05RES	725	RR4 HP
63941		XA146	32		XA547	67		+05RESG	01	MTS
65592		XA547	67					+05RESG	02	RR4
63523		XA146	07		XA547	03	CA	+05RESS	00C	MTS
00001		XA547	03		XA547	04		+05RESS	010	RR4 AP
00002		XA547	04		XA547	14		+05RESS	015	RR4 AP
00003		XA547	14		XA547	13		+05RESS	020	RR4 BP
00004		XA547	13		XA547	21		+05RESS	025	RR4 BP
00005		XA547	21		XA547	22		+05RESS	030	RR4 CP
00006		XA547	22		XA547	34		+05RESS	035	RR4 CP
00007		XA547	34		XA547	33		+05RESS	040	RR4 DP
00008		XA547	33		XA547	49		+05RESS	045	RR4 DP
00009		XA547	49		XA547	50		+05RESS	050	RR4 EP
00010		XA547	50		XA547	60		+05RESS	055	RR4 EP
00011		XA547	60		XA547	59		+05RESS	060	RR4 FP
00012		XA547	59		XA547	69		+05RESS	065	RR4 FP
00013		XA547	69		XA547	70		+05RESS	070	RR4 GP
00014		XA547	70					+05RESS	075	RR4 GP
65593		XA146	03		XA547	02	CA	+05RESSR	01	MTS
63942		XA547	02					+05RESSR	02	RR4
63571		XA146	61		XA549	63	AD	+05VDC	015	MTS
03203		XA549	63		XA550	65		+05VDC	02	EXT
03277		XA550	65		XA550	63		+05VDC	03	EXT
03275		XA550	63		XA549	65		+05VDC	04	EXT
03205		XA549	65					+05VDC	05	EXT
63573		XA146	63		XA549	64	AD	+05VDCR	00C	MTS
03204		XA549	64		XA549	66		+05VDCR	01	EXT
03206		XA549	66		XA550	64		+05VDCR	02	EXT
03276		XA550	64		XA550	66		+05VDCR	03	EXT
03278		XA550	66	3	XA450	78	3	+05VDCR	04	EXT
64151		XA450	78					+05VDCR	06	EXT
63945		J01	L6		XA148	61	AA	+5AUX	01	EX9
63715		XA148	61		XA148	63		+5AUX	02	EXT
63717		XA148	63					+5AUX	03	EXT
63946		J01	L5		XA148	62	AA	+5AUXG	01	EX9
63716		XA148	62		XA148	64		+5AUXG	02	EXT
63718		XA148	64					+5AUXG	03	EXT
65122		XA146	44		XA148	42		+5AXIFAG	01	MTS

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UNIT ASSEMBLY NAME

149016-800 STRING
CARD CAGE ASSY,A,IFCU

UNIT ASSEMBLY NO. 149016
FILE IDENT T39CIFC6

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PART OR SUBJECT	FROM				TO				WIRE				SIGNAL	SFC NO	EQUATION	TERM	FACTOR	CKT OR CHIP TYPE	CIRCUIT NO	LOTT'S OR POWER PLANE	TEST POINT	SIGNAL DESCRIPTION	ECO NO
	CONNECTOR	PIN	PREL ID	PREFIX	CONNECTOR	PIN	MULTI GROUP	CODE	COLOR	IDENT	WIRE NO												
63698	XA148	42			XA148	50				168	9		+5AXIFAG	02			EXT					B04	
63705	XA148	50			XA148	52				168	9		+5AXIFAG	03			EXT					B04	
63707	XA148	52			XA148	66				168	9		+5AXIFAG	04			EXT					B04	
63720	XA148	66			XA148	68				168	9		+5AXIFAG	05			EXT					B04	
63721	XA148	68			XA148	70				168	9		+5AXIFAG	06			EXT					B04	
63723	XA148	70			XA148	58				168	9		+5AXIFAG	07			EXT					B04	
63947	XA148	58			XA145	58				168	9		+5AXIFAG	08			EXT					B04	
65123	XA145	58											+5AXIFAG	09								A01	
63722	XA148	69			XA148	67				168	9		+5AXIFB	01			EXT					B04	
63944	XA148	67			XA448	67				130	2		+5AXIFB	02			EXT					B04	
00841	XA448	67			XA448	69				168	9		+5AXIFB	03			EXT					B04	
02776	XA448	69											+5AXIFB	04			EXT					B04	
63548	XA146	36			XA250	35	AE	1E0	2				+5VDC	01			MTS					B02	
64789	XA250	35			XA250	37				168	9		+5VDC	02			EXT					B04	
64790	XA250	37			XA250	75				168	9		+5VDC	03			EXT					B04	
64792	XA250	75			XA250	77				168	9		+5VDC	04			EXT					B04	
64793	XA250	77			XA449	63				168	9		+5VDC	05			EXT					B04	
03347	XA449	63			XA449	65				168	9		+5VDC	06			EXT					B04	
03349	XA449	65											+5VDC	07			EXT					B04	
65595	XA146	44			XA250	36	AE	1E0	0				+5VDCR	01			MTS					B02	
65596	XA250	36			XA250	38				168	9		+5VDCR	02			EXT					B04	
65597	XA250	38			XA250	76				168	9		+5VDCR	03			EXT					B04	
65598	XA250	76			XA250	78				168	9		+5VDCR	04			EXT					B04	
65599	XA250	78			XA449	64				168	9		+5VDCR	05			EXT					B04	
65600	XA449	64			XA449	66				168	9		+5VDCR	06			EXT					B04	
65601	XA449	66											+5VDCR	07			EXT					B04	
63556	XA146	45			XA140	28				168	9		+5VL0G1	01			MTS				LOGIC SENSE 1		
63969	XA140	28											+5VL0G1	02			TLT						
63557	XA146	46			XA503	28				168	9		+5VL0G2	01			MTS				LOGIC SENSE 2		
63970	XA503	28											+5VL0G2	02			TS8						
63971	J01	B1			J01	D1				130	2		+5VL01	01			EX9						
63972	J01	01											+5VL01	02			EX9						
63973	J01	B3			J01	F3				130	2		+5VL02	01			EX9						
63974	J01	F3											+5VL02	02			EX9						
63975	J01	C2			J01	F1				130	2		+5VL04	01			EX9						
63976	J01	F1											+5VL04	02			EX9						
63977	J01	C4			J01	E4				130	2		+5VL05	01			EX9						
63978	J01	E4											+5VL05	02			EX9						
63979	J01	C6			J01	E6				130	2		+5VL06	01			EX9						
63980	J01	E6											+5VL06	02			EX9						

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RECORD NUMBER	FROM				TO				WIRE				SIGNAL	SEQ NO	EQUATION	TERM FACTOR	CAT OR CHIP TYPE	GROUP	LOAD OR POWER PLANT	TEST POINTS AND OR	SIGNAL DESCRIPTION	EFG NO
	PREFIX	CONNECTOR	PIN	SNFC	PREFIX	CONNECTOR	PIN	SNFC	MULTI GROUP	CODE	COLOR	IDENT										
63981		J01	D3		J01	N2				1B0	2		+5VL08	01			EX9					
63982		J01	N2										+5VL08	02			EX9					
63983		J01	D5		J01	F5				1B0	2		+5VL09	01			EX9					
63984		J01	F5										+5VL09	02			EX9					
02766		XA448	57		XA148	73				168	9		+5VMEM1	01			EXT					C04
63726		XA148	73										+5VMEM1	02			EXT					C04
00840		XA448	58		XA148	74				168	9		+5VMEM1R	01			EXT					C04
63727		XA148	74										+5VMEM1R	02			EXT					C04
02767		XA448	59		XA148	75				168	9		+5VMEM2	01			EXT					C04
63728		XA148	75										+5VMEM2	02			EXT					C04
02768		XA448	60		XA148	76				168	9		+5VMEM2R	01			EXT					C04
63729		XA148	76										+5VMEM2R	02			EXT					C04
02769		XA448	61		XA148	77				168	9		+5VMEM3	01			EXT					C04
63730		XA148	77										+5VMEM3	02			EXT					C04
02770		XA448	62		XA148	78				168	9		+5VMEM3R	01			EXT					C04
63731		XA148	78										+5VMEM3R	02			EXT					C04
63536		XA146	22		XA146	12				168	9		+5VRES	01			MTS					
63985		XA146	12		XA146	23				168	9		+5VRES	02			MTS					
63537		XA146	23		XA146	62				168	9		+5VRES	03			MTS					B02
63572		XA146	62		XA146	28				168	9		+5VRES	04			MTS					B02
63986		XA146	28		XA146	37				168	9		+5VRES	05			MTS					C01
63549		XA146	37										+5VRES	06			MTS					B02
65602		XA145	12		XA146	08				168	9		+5VRESS	01								B02
63524		XA146	08										+5VRESS	02			MTS					B02
63674		XA148	15		XA448	15				168	9		+5V1B1	01			EXT					B04
02728		XA448	15										+5V1B1	02			EXT					B04
60521		XA148	16		XA448	16				168	9		+5V1B1R	01			EXT					B04
00837		XA448	16										+5V1B1R	02			EXT					B04
63675		XA148	17		XA448	17				168	9		+5V1B2	01			EXT					B04
02729		XA448	17										+5V1B2	02			EXT					B04
63676		XA148	18		XA448	18				168	9		+5V1B2R	01			EXT					B04
02730		XA448	18										+5V1B2R	02			EXT					B04
63677		XA148	19		XA448	19				168	9		+5V1B3	01			EXT					B04
02731		XA448	19										+5V1B3	02			EXT					B04

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149016-800
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FROM	TO	WIRING	DESCRIPTION	REMARKS	REVISION	DATE	BY	CHKD	APP'D	TEST POINTS	SIGNAL DESCRIPTION	ECO NO
UNIT	CONNECTION	PIN	PREPARE	CONNECTOR	PIN	UNIT	COLOR	IDENT	WIRING	DESCRIPTION	REMARKS	ECO NO
63678	XA148	20		XA448	20	168	9			+5V1B3R 01	EXT	B04
02732	XA448	20								+5V1B3R 02	EXT	B04
63679	XA148	21		XA448	21	168	9			+5V2B1 01	EXT	B04
02733	XA448	21								+5V2B1 02	EXT	B04
63680	XA148	22		XA448	22	168	9			+5V2B1R 01	EXT	B04
02734	XA448	22								+5V2B1R 02	EXT	B04
63681	XA148	23		XA448	23	168	9			+5V2B2 01	EXT	B04
02735	XA448	23								+5V2B2 02	EXT	B04
63682	XA148	24		XA448	24	168	9			+5V2B2R 01	EXT	B04
02736	XA448	24								+5V2B2R 02	EXT	B04
63683	XA148	25		XA448	25	168	9			+5V2B3 01	EXT	B04
02737	XA448	25								+5V2B3 02	EXT	B04
63684	XA148	26		XA448	26	168	9			+5V2B3R 01	EXT	B04
02738	XA448	26								+5V2B3R 02	EXT	B04
63987	J01	L4		XA146	13	168	9			DDIFC 01	EX9	B02
63528	XA146	13								DDIFC 02	MTS	B02
63529	XA146	14		XA131	25	168	9			DEVINH 00	MTS	B02
60113	XA131	25		XA137	05	168	9			DEVINH 01	KXST20 01 7 TS8 B1	12B
60114	XA137	05		XA137	10	168	9			DEVINH 02	KXB0EA 01 3 TD4 A2	03B
60115	XA137	10		XA137	62	168	9			DEVINH 03	KXA0EA 01 3 TD4 A1	07A
60116	XA137	62		XA137	68	168	9			DEVINH 04	KXB0QA 01 3 TD4 E2	29A
60117	XA137	68		XA146	10	168	9			DEVINH 05	KXARQA 01 3 TD4 E1	32A
63526	XA146	10		XA238	05	168	9			DEVINH 06	MTS	
40127	XA238	05		XA238	10	168	9			DEVINH 07	LXB0EA 01 3 TD4 A2	03B
40126	XA238	10		XA238	62	168	9			DEVINH 08	LXA0EA 01 3 TD4 A1	07A
40125	XA238	62		XA238	68	168	9			DEVINH 09	LXBRQA 01 3 TD4 E2	29A
40124	XA238	68		XA232	24	168	9			DEVINH 10	LXARQA 01 3 TD4 E1	32A
40128	XA232	24		XA338	05	168	9			DEVINH 11	LXST20 01 6 TS8 B1	13A
50109	XA338	05		XA338	10	168	9			DEVINH 12	MXB0EA 01 3 TD4 A2	03B
50108	XA338	10		XA338	62	168	9			DEVINH 13	MXA0EA 01 3 TD4 A1	07A
50107	XA338	62		XA338	68	168	9			DEVINH 14	MXBRQA 01 3 TD4 E2	29A
50106	XA338	68		XA332	24	168	9			DEVINH 15	MXARQA 01 3 TD4 E1	32A
50110	XA332	24		XA433	05	168	9			DEVINH 16	MXST20 01 6 TS8 B1	13A
00261	XA433	05		XA433	10	168	9			DEVINH 17	TXB0EA 01 3 TD4 A2	03B
00260	XA433	10		XA433	19	168	9			DEVINH 18	TXA0EA 01 3 TD4 A1	07A
00259	XA433	19		XA433	25	168	9			DEVINH 19	TXBRQA 01 3 TD4 B2	09B
00258	XA433	25		XA437	22	168	9			DEVINH 20	TXARQA 01 3 TD4 B1	12B
00257	XA437	22								DEVINH 21	TXRS00 01 5 TS8 B1	12A
02740	XA448	29		XA450	29	168	9			DXASLB 01	EXT	B04

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RECORD NUMBER	FROM				TO				WIRE				SIGNAL	SFO NO	EQUATION	TEST POINT	EXT	PAGE			
	PREFIX	CONNECTOR	PIN	IS L2	PREFIX	CONNECTOR	PIN	IS L2	WIRE GROUP	COUNT	COLOR	IDENT							WIRE INS. TYPE		
63994		XA450	29										DXASLB	02			EXT	B04			
02741 65646		XA448 XA450	30 30		XA450	30			16B	9			DXASLG DXASLG	01 02			EXT EXT	E06 E06			
02745 63995		XA448 XA450	35 35		XA450	35			16B	9			DXASTB DXASTB	01 02			EXT EXT	B04 B04			
02746 65647		XA448 XA450	36 36		XA450	36			16B	9			DXASTG DXASTG	01 02			EXT EXT	E06 E06			
02743 63996		XA448 XA450	33 33		XA450	33			16B	9			DXBSLB DXBSLB	01 02			EXT EXT	B04 B04			
02744 65648		XA448 XA450	34 34		XA450	34			16B	9			DXBSLG DXBSLG	01 02			EXT EXT	E06 E06			
02747 63997		XA448 XA450	37 37		XA450	37			16B	9			DXBSTB DXBSTB	01 02			EXT EXT	B04 B04			
02748 65649		XA448 XA450	38 38		XA450	38			16B	9			DXBSTG DXBSTG	01 02			EXT EXT	E06 E06			
02749 63998		XA448 XA450	39 39		XA450	39			16B	9			DXPRSB DXPRSB	01 02			EXT EXT	B04 B04			
02750 65650		XA448 XA450	40 40		XA450	40			16B	9			DXPRSG DXPRSG	01 02			EXT EXT	E06 E06			
64153 64154		J01 J01	L1 L3		J01	L3			18D	0			GNDL1L3 GNDL1L3	01 02			EX9 EX9				
63518 64155 63519 63520		XA146 XA146 XA146 XA146	01 02 03 04		XA146 XA146 XA146 XA146	02 03 04			16B 16B 16B	9 9 9			GND14602 GND14602 GND14602 GND14602	01 02 03 04			MTS MTS MTS MTS				
65603 64156		XA250 XA250	08 10	3	XA250	10	3		16B	9			GND25008 GND25008	01 02			EXT EXT	C02 B04			
65604 64158		XA250 XA250	72 74	2	XA250	74	2		16B	9			GND25072 GND25072	01 02			EXT EXT	C02 B04			
64164 64165		XA251 XA251	10 08	3	XA251	08	3		16B	9			GND2518 GND2518	01 02			EXT EXT	C02 B04			
64166 64167		XA450 XA450	08 10	2	XA450	10	2		16B	9			GND45008 GND45008	01 02			EXT EXT	B04 B04			
01155		XA445	67		XA448	70			16B	9			GND4567	01			DCE	A01			
													****	SIGNAL	GND4567	IS ON THE NEXT PAGE				****	

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	PREFIX	CONNECTOR	PIN	SR FC	PREFIX	CONNECTOR	PIN	SR FC	MULTI GROUP	CODE	COLOR	IDENT											
02777		XA448	70		XA448	68				168	9		GND4567	02				EXT				B04	
02775		XA448	68		XA448	52				168	9		GND4567	03				EXT				B04	
02761		XA448	52		XA448	50				168	9		GND4567	04				EXT				B04	
02759		XA448	50		XA448	02				168	9		GND4567	05				EXT				B04	
00836		XA448	02	3	XA446	58		3		168	9		GND4567	06				EXT				B04	
01154		XA446	58										GND4567	07				DCF				A01	
65605		XA144	32		XA144	40				168	9		G14402	01				RR4				B02	
60562		XA144	40		XA144	30				168	9		G14402	02				RR4	DC			B02	
60563		XA144	30		XA144	18				168	9		G14402	03				RR4	CC			B02	
60564		XA144	18		XA144	06				168	9		G14402	04				RR4	BC			B02	
60565		XA144	06		XA144	02				168	9		G14402	05				RR4	AC			B02	
65606		XA144	02										G14402	06				RR4				B02	
65607		XA144	67		XA144	77				168	9		G14444	01				RR4				B02	
60558		XA144	77		XA144	74				168	9		G14444	02				RR4	HC			B02	
60559		XA144	74		XA144	64				168	9		G14444	03				RR4	GC			B02	
60560		XA144	64		XA144	54				168	9		G14444	04				RR4	FC			B02	
60561		XA144	54		XA144	44				168	9		G14444	05				RR4	EC			B02	
65608		XA144	44										G14444	06				RR4				B02	
65635		XA245	44		XA246	40				168	9		G24602	01					DCF			C05	
40523		XA246	40		XA246	30				168	9		G24602	02				RR4	DC			B02	
40522		XA246	30		XA246	18				168	9		G24602	03				RR4	CC			B02	
40521		XA246	18		XA246	06				168	9		G24602	04				RR4	BC			B02	
40520		XA246	06	3	XA246	02		3		168	9		G24602	05				RR4	AC			B02	
65610		XA246	02										G24602	06				RR4				B02	
65611		XA346	02		XA246	77				168	9		G24644	01				RR4				B02	
40527		XA246	77		XA246	74				168	9		G24644	02				RR4	HC			B02	
40526		XA246	74		XA246	64				168	9		G24644	03				RR4	GC			B02	
40525		XA246	64		XA246	54				168	9		G24644	04				RR4	EC			B02	
40524		XA246	54	3	XA246	44		3		168	9		G24644	05				RR4	EC			B02	
65612		XA246	44										G24644	06				RR4				B02	
65613		XA346	32	1	XA346	40		1		168	9		G34602	01				RR4				C01	
50476		XA346	40		XA346	30				168	9		G34602	02				RR4	DC			B02	
50475		XA346	30		XA346	18				168	9		G34602	03				RR4	CC			B02	
50474		XA346	18		XA346	06				168	9		G34602	04				RR4	BC			B02	
50473		XA346	06		XA346	02				168	9		G34602	05				RR4	AC			B02	
65614		XA346	02										G34602	06				RR4				B02	
65615		XA346	67		XA346	77				168	9		G34644	01				RR4				B02	
50480		XA346	77		XA346	74				168	9		G34644	02				RR4	HC			B02	
50479		XA346	74		XA346	64				168	9		G34644	03				RR4	GC			B02	
50478		XA346	64		XA346	54				168	9		G34644	04				RR4	FC			B02	
50477		XA346	54		XA346	44				168	9		G34644	05				RR4	EC			B02	
65616		XA346	44										G34644	06				RR4				B02	
65617		XA442	32		XA442	40				168	9		G44202	01				RR4				B02	
												****	SIGNAL		G44202	IS ON THE NEXT PAGE		****					

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	PREFIX	CONNECTOR	PIN	DR PC	PREFIX	CONNECTOR	PIN	DR PC	MULTI GROUP	CODE	COLOR	IDEN											
01180		XA442	40		XA442	30				168	9		G44202	02			RR4	DC				B02	
01181		XA442	30		XA442	18				168	9		G44202	03			RR4	CC				B02	
01182		XA442	18		XA442	06				168	9		G44202	04			RR4	BC				B02	
01183		XA442	06		XA442	02				168	9		G44202	05			RR4	AC				B02	
65618		XA442	02										G44202	06			RR4					B02	
65619		XA442	67		XA442	77				168	9		G44244	01			RR4					B02	
01176		XA442	77		XA442	74				168	9		G44244	17			RR4	HC				C01	
01177		XA442	74		XA442	64				168	9		G44244	18			RR4	GC				C01	
01178		XA442	64		XA442	54				168	9		G44244	19			RR4	FC				C01	
01179		XA442	54		XA442	44				168	9		G44244	20			RR4	EC				C01	
65624		XA442	44										G44244	21			RR4					C01	
65625		XA545	32		XA544	40				168	9		G54302	01			DCF					B02	
01172		XA544	40		XA544	30				168	9		G54302	02			RR4	DC				B02	
01173		XA544	30		XA544	18				168	9		G54302	03			RR4	CC				B02	
01174		XA544	18		XA544	06				168	9		G54302	04			RR4	BC				B02	
01175		XA544	06		XA543	02				168	9		G54302	05			RR4	AC				B02	
65626		XA543	02										G54302	06			TLD			O1A		C02	
65627		XA544	67		XA544	80				168	9		G54544	01			RR4					B02	
00018		XA544	80		XA544	79				168	9		G54544	02			RR4	HP				B02	
00017		XA544	79		XA544	77				168	9		G54544	03			RR4	HP				B02	
01168		XA544	77		XA544	74				168	9		G54544	04			RR4	HC				B02	
01169		XA544	74		XA544	64				168	9		G54544	05			RR4	GC				B02	
01170		XA544	64		XA544	54				168	9		G54544	06			RR4	FC				B02	
01171		XA544	54	3	XA545	44		3		168	9		G54544	07			RR4	EC				C02	
65628		XA545	44										G54544	08			DCF					B02	
65629		XA547	02	1	XA547	06		1		168	9		G54702	01			RR4					C02	
01160		XA547	06		XA547	18				168	9		G54702	02			RR4	AC				B02	
01161		XA547	18		XA547	30				168	9		G54702	03			RR4	BC				B02	
01162		XA547	30		XA547	40				168	9		G54702	04			RR4	CC				B02	
01163		XA547	40		XA547	32				168	9		G54702	05			RR4	DC				B02	
65630		XA547	32										G54702	06			RR4					C02	
65631		XA547	44		XA547	54				168	9		G54744	01			RR4					C02	
01164		XA547	54		XA547	64				168	9		G54744	02			RR4	EC				B02	
01165		XA547	64		XA547	74				168	9		G54744	03			RR4	FC				B02	
01166		XA547	74		XA547	77				168	9		G54744	04			RR4	GC				B02	
01167		XA547	77		XA547	67				168	9		G54744	05			RR4	HC				B02	
65632		XA547	67										G54744	06			RR4					C02	
60566		XA120	40		XA113	11				168	9		KAEBRA	01	KAEOBR	01 2	TT3	C1		19A			
60567		XA113	11										KAEBRA	02	KAEBRA	00 1	TS8	A1		05B	RESET OUTPUT COMMA		
60568		XA121	42		XA120	04				168	9		KAEOBA	01	KAEOBS	01 2	TQ2	C1		20A			
60569		XA120	04										KAEOBA	02	KAEOBA	00 1	TT3	A1		04A	SET OUTPUT COMMAND		
60570		XA124	46		XA121	36				168	9		KAENOA	01	KAENOS	01 2	TT3	D2		21A			
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	PREFIX	CONNECTOR	PIN	PREFIX	CONNECTOR	PIN	WIRE GROUP	CODE											
60571		XA121	36		XA115	23		168 9	KAENOA	02	KAENS	01 2	T02	C2		17A	START OUTPUT COMND		
60572		XA115	23						KAENOA	03	KAENOA	00 1	TD4	B1		11B			
60573		XA122	40		XA124	41		168 9	KAENOR	01	KAEN3A	01 1	T02	C1		19A			
60574		XA124	41		XA125	45		168 9	KAENOR	02	KAENOS	01 1	TT3	D2		22B			
60575		XA125	45						KAENOR	03	KAENOR	00 1	TD4	D2		24B			
60576		XA122	34		XA124	43		168 9	KAENOS	01	KAEN4A	01 1	T02	C2		16A			
60577		XA124	43		XA125	43		168 9	KAENOS	02	KAENOS	00 1	TT3	D2		23B	OUTPUT COUNTER BIT		
60578		XA125	43						KAENOS	03	KAENOR	01 1	TD4	D2		23B			
60579		XA125	48		XA123	46		168 9	KAEN1A	01	KAENOR	01 3	TD4	D2		22A			
60580		XA123	46		XA115	75		168 9	KAEN1A	02	KAEN1A	00 1	T02	D2		21A			
60581		XA115	75						KAEN1A	03	KXRCD	01 1	TD4	F1		37B			
60582		XA120	39		XA121	29		168 9	KAEN1R	01	KAEN1R	00 1	TT3	C3		19B			
60583		XA121	29						KAEN1R	02	KAEN1S	01 1	T02	C3		14B			
60584		XA123	48		XA121	33		168 9	KAEN1S	01	KAEN1A	01 1	T02	D2		22A	OUTPUT ENABLE BIT		
60585		XA121	33		XA120	33		168 9	KAEN1S	02	KAEN1S	00 1	T02	C3		16B			
60586		XA120	33						KAEN1S	03	KAEN1R	01 1	TT3	C3		16B			
60587		XA113	35		XA124	48		168 9	KAEN2A	01	KAEN2A	00 1	TS8	C1		17B			
60588		XA124	48						KAEN2A	02	KAENOS	01 3	TT3	D2		22A			
60589		XA120	50		XA121	54		168 9	KAEN2R	01	KAEN2R	00 1	TT3	D1		23A			
60590		XA121	54		XA122	35		168 9	KAEN2R	02	KAEN2S	01 1	T02	D1		25A			
60591		XA122	35						KAEN2R	03	KAEN7A	01 1	T02	C4		17B			
60592		XA122	29		XA121	52		168 9	KAEN2S	01	KAEN6A	01 1	T02	C3		14B			
60593		XA121	52		XA120	52		168 9	KAEN2S	02	KAEN2S	00 1	T02	D1		24A	OUTPUT COUNTER BIT		
60594		XA120	52						KAEN2S	03	KAEN2R	01 1	TT3	D1		24A			
60595		XA120	35		XA122	38		168 9	KAEN3A	01	KAEN1R	01 2	TT3	C3		17B			
60596		XA122	38						KAEN3A	02	KAEN3A	00 1	T02	C1		18A			
60597		XA121	48		XA120	43		168 9	KAEN3R	01	KAEN3S	01 1	T02	D2		22A			
60598		XA120	43						KAEN3R	02	KAEN3R	00 1	TT3	D2		23B			
60599		XA120	41		XA121	46		168 9	KAEN3S	01	KAEN3R	01 1	TT3	D2		22B			
60600		XA121	46		XA122	62		168 9	KAEN3S	02	KAEN3S	00 1	T02	D2		21A	OUTPUT COUNTER BIT		
60601		XA122	62						KAEN3S	03	KAEN5A	01 1	T02	F2		29A			
60602		XA121	31		XA122	30		168 9	KAEN4A	01	KAEN1S	01 2	T02	C3		15B			
60603		XA122	30						KAEN4A	02	KAEN4A	00 1	T02	C2		15A			
60604		XA120	54		XA122	60		168 9	KAEN5A	01	KAEN2R	01 2	TT3	D1		25A			
60605		XA122	60		XA132	75		168 9	KAEN5A	02	KAEN5A	00 1	T02	F2		28A			
60606		XA132	75						KAEN5A	03	KKTCRO	01 1	TT3	F1		37B			
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	PREFIX	CONNECTOR	PIN	SH FC	PREFIX	CONNECTOR	PIN	SH FC	MULTI GROUP	CODE	COLOR	IDENT												SPEC INST. MISC
60607		XA121	50			XA122	33							KAEN6A	01	KAEN3S	01	2	TQ2	D2		23A		
60608		XA122	33											KAEN6A	02	KAEN6A	00	1	TQ2	C3		16B		
60609		XA120	46			XA122	39							KAEN7A	01	KAEN3R	01	2	TT3	D2		21A		
60610		XA122	39											KAEN7A	02	KAEN7A	00	1	TQ2	C4		19B		
60611		XA121	40			XA120	36							KAE0BR	01	KAE0BS	01	1	TQ2	C1		19A		
60612		XA120	36											KAE0BR	02	KAE0BR	00	1	TT3	C1		17A		
60613		XA113	14			XA120	38							KAE0BS	01	KA0ERA	01	1	TS8	B1		09A		
60614		XA120	38			XA121	38							KAE0BS	02	KAE0BR	01	1	TT3	C1		18A		
60615		XA121	38			XA131	55							KAE0BS	03	KAE0BS	00	1	TQ2	C1		18A	FOB RECEIVED ON QU	
60616		XA131	55											KAE0BS	04	KPINTA	01	1	TS8	E1		29B		
60617		XA125	57			XA123	53							KAIENR	01	KAIENR	00	1	TD4	E2		30B		
60618		XA123	53											KAIENR	02	KAIENS	01	1	TQ2	E3		28B		
60619		XA114	18			XA114	31							KAIENS	01	KDP7RA	01	2	TS8	B1		10A		
60620		XA114	31			XA116	59							KAIENS	02	KDP7SA	01	2	TS8	C1		15B		AO1
60622		XA116	59			XA114	72							KAIENS	04	KXDB0TB	01	2	MUX	D2		30B		
60623		XA114	72			XA120	76							KAIENS	05	KIENOA	01	2	TS8	F1		34A		
60624		XA120	76			XA122	53							KAIENS	06	KRTDEA	01	2	TT3	F3		37A		
60625		XA122	53			XA123	57							KAIENS	07	KIENRO	01	1	TQ2	E3		28B		
60626		XA123	57			XA125	55							KAIENS	08	KAIENS	00	1	TQ2	E3		30B	AUTO INPUT MODE EN	
60627		XA125	55			XA125	54							KAIENS	09	KAIENR	01	1	TD4	E2		29B		
60628		XA125	54			XA124	66							KAIENS	10	KIENOR	01	3	TD4	D1		25A		
60629		XA124	66			XA131	71							KAIENS	11	KIENSA	01	1	TT3	E1		31A		
60630		XA131	71											KAIENS	12	KIOTRA	01	1	TS8	F1		36A		
60631		XA124	73			XA125	60							KAIERA	01	KAIERA	00	1	TT3	F1		36B	RESET AUTO INPUT	
60632		XA125	60			XA118	39							KAIERA	02	KAIENR	01	2	TD4	E2		28A		
60633		XA118	39			XA113	73							KAIERA	03	KPE0BQ	01	1	TD0	EQ		19B		
60634		XA113	73											KAIERA	04	KINT10	01	3	TS8	F1		36B		
60635		XA123	55			XA125	76							KAINOA	01	KAIENS	01	2	TQ2	E3		29B		
60636		XA125	76											KAINOA	02	KAINOA	00	1	TD4	F1		37A	START INPUT COMMAND	
60637		XA120	31			XA121	34							KA0ENR	01	KA0ENR	00	1	TT3	C2		15B		
60638		XA121	34			XA121	53							KA0ENR	02	KA0ENS	01	1	TQ2	C2		16A		
60639		XA121	53											KA0ENR	03	KXDV20	01	1	TQ2	E3		28B		
60640		XA125	46			XA121	30							KA0ENS	01	KA0ENR	01	2	TD4	D2		21A		
60641		XA121	30			XA120	29							KA0ENS	02	KA0ENS	00	1	TQ2	C2		15A	AUTO OUTPUT MODE	
60642		XA120	29			XA113	31							KA0ENS	03	KA0ENR	01	1	TT3	C2		14B		
60643		XA113	31			XA115	38							KA0ENS	04	KAEN2A	01	2	TS8	C1		15B		
60644		XA115	38			XA116	53							KA0ENS	05	KPOUTA	01	2	TD4	C1		18A		
60645		XA116	53											KA0ENS	06	KXDB0TA	01	2	MUX	D1		26B		
60646		XA120	30			XA113	23							KA0ERA	01	KA0ENR	01	2	TT3	C2		15A		
60647		XA113	23											KA0ERA	02	KA0ERA	00	1	TS8	B1		11B	RESET AUTO OUTPUT	

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	PREFIX	CONNECTOR	PIN	PREFIX	CONNECTOR	PIN	MULTI GROUP	CODE	COLOR	IDENT										
60648		XA123	19		XA115	21		168	9			KBSYOA	01	KBUSYS	01 2	TQ2 B3		09B		
60649		XA115	21									KBSYOA	02	KBSYOA	00 1	TD4 B2		10B	SET HARDWARE BUSY	
60650		XA125	36		XA125	42		168	9			KBUSYA	01	KXOROA	01 4	TD4 C2		17A		
60651		XA125	42		XA123	51		168	9			KBUSYA	02	KXDVOA	01 4	TD4 C1		20A		
60652		XA123	51									KBUSYA	03	KBUSYA	00 1	TQ2 D4		27B	HARDWARE BUSY WHEN	
60653		XA114	61		XA123	17		168	9			KBUSYR	01	KSNCOA	01 3	TS8 E1		32B		
60654		XA123	17		XA124	27		168	9			KBUSYR	02	KBUSYS	01 1	TQ2 B3		08B		
60655		XA124	27		XA132	71		168	9			KBUSYR	03	KBUSYR	00 1	TT3 B3		13B		
60656		XA132	71									KBUSYR	04	KSCIIA	01 2	TT3 F2		36A		
60657		XA125	78		XA124	21		168	9			KBUSYS	01	KAINOA	01 3	TD4 F1		36A		
60658		XA124	21		XA123	21		168	9			KBUSYS	02	KBUSYR	01 1	TT3 B3		10B		
60659		XA123	21		XA115	25		168	9			KBUSYS	03	KBUSYS	00 1	TQ2 B3		10B	HARDWARE BUSY F/F	
60660		XA115	25									KBUSYS	04	KAENOA	01 3	TD4 B1		12B		
60661		XA116	78		XA117	37		168	9			KCDERQ	01	KXDB4TD	01 2	MUX F4		38A		
60662		XA117	37									KCDERQ	02	KCDERQ	00 1	TDD EQ		18B	COMPUTER DATA PART	
60663		XA121	75		XA117	39		168	9			KCDESA	01	KCDESA	00 1	TQ2 F1		37B		
60664		XA117	39									KCDESA	02	KCDERQ	01 1	TDD EQ		19B		
60665		XA122	72		XA121	77		168	9			KCDESO	01	KCDESO	00 1	TQ2 F2		34A	SET COMPUTER DATA	
60666		XA121	77									KCDESO	02	KCDESA	01 1	TQ2 F1		38B		
64171		J01	E2		XA148	65		168	9			KCIFLT	01			EX9				
63719		XA148	65									KCIFLT	02			EXT				B04
63704		XA148	49		XA448	49		168	9			KCIFLTB	01			EXT				B04
602758		XA448	49									KCIFLTB	02			EXT				B04
60667		XA114	14		XA114	30		168	9			KDAINQ	01	KDP7RA	01 1	TS8 B1		09A		
60669		XA114	30		XA114	71		168	9			KDAINQ	03	KDP7SA	01 1	TS8 C1		15A		A01
60670		XA114	71		XA120	69		168	9			KDAINQ	04	KIENOA	01 1	TS8 F1		36A		
60671		XA120	69		XA121	65		168	9			KDAINQ	05	KRTDEA	01 1	TT3 F3		35A		
60672		XA121	65		XA124	75		168	9			KDAINQ	06	KPROPA	01 1	TQ2 F3		34B		
60673		XA124	75		XA125	75		168	9			KDAINQ	07	KATERA	01 1	TT3 F1		37B		
60674		XA125	75		XA130	37		168	9			KDAINQ	08	KAINOA	01 1	TD4 F1		37B		
60675		XA130	37									KDAINQ	09	KDAINQ	00 1	TDD EQ		18B	INPUT COMMAND F/E	
60676		XA130	40		XA126	21		168	9			KDAINO	01	KDAINI	01 1	TDD E1		19A		
60677		XA126	21									KDAINO	02	KDAINO	00 1	TQ2 B3		10B		
60678		XA126	60		XA129	60		168	9			KDCPOO	01	KDCPOO	00 1	TQ2 E2		28A	DAT. REGISTER CLOC	
60679		XA129	60		XA130	60		168	9			KDCPOO	02	KDQ2BN	01 1	TDD KN		28A		
60680		XA130	60		XA130	72		168	9			KDCPOO	03	KDQ2BN	01 1	TDD KN		28A		
60681		XA130	72		XA130	79		168	9			KDCPOO	04	KDQ1BN	01 1	TDD MN		34A		

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 DRAWING NUMBER
 UNIT ASSEMBLY NAME

149016-800
 CARD CAGE ASSY,A,IFCU

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UNIT ASSEMBLY NO.
 FILE IDENT

149016
 T39CIFC6

REV E
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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	DRY PC	PREFIX	CONNECTOR	PIN	DRY PC	MULTI GROUP	CODE	COLOR	IDEN												
60682		XA130	79			XA129	79			16B	9		KDCP00	05	KD00BN	01	1	TDD	LN		39B			
60683		XA129	79										KDCP00	06	KD03BN	01	1	TDD	LN		39B			
60684		XA128	79			XA129	72			16B	9		KDCP10	01	KD06BN	01	1	TDD	LN		39B			
60685		XA129	72			XA128	72			16B	9		KDCP10	02	KD04BN	01	1	TDD	MN		34A			
60686		XA128	72			XA128	60			16B	9		KDCP10	03	KD07BN	01	1	TDD	MN		34A			
60687		XA128	60			XA126	57			16B	9		KDCP10	04	KD05BN	01	1	TDD	KN		28A			
60688		XA126	57										KDCP10	05	KDCP10	00	1	TQ2	E3		30B	DATA REGISTER CLOC		
60689		XA121	41			XA122	45			16B	9		KDEVIR	01	KDEVIS	01	1	TQ2	D3		22B			
60690		XA122	45			XA124	49			16B	9		KDEVIR	02	KDEVIR	00	1	TQ2	D3		24B			
60691		XA124	49										KDEVIR	03	KXXRCA	01	3	TT3	D3		26B			
60692		XA121	45			XA122	41			16B	9		KDEVIS	01	KDEVIS	00	1	TQ2	D3		24B	END INPUT COMND RE		
60693		XA122	41										KDEVIS	02	KDEVIR	01	1	TQ2	D3		22B			
60694		XA117	14			XA119	51			16B	9		KDEVOA	01	KDEVON	01	1	TDD	DN		09A			
60695		XA119	51			XA121	43			16B	9		KDEVOA	02	KDEVOA	00	1	TQ2	D4		27B			
60696		XA121	43			XA122	56			16B	9		KDEVOA	03	KDEVIS	01	2	TQ2	D3		23B			
60697		XA122	56										KDEVOA	04	KDEV2S	01	2	TQ2	D1		26A			
60698		XA118	18			XA117	19			16B	9		KDEVOQ	01	KDEV1I	01	1	TDD	DI		10A			
60699		XA117	19										KDEVOQ	02	KDEVOQ	00	1	TDD	DQ		09B	END INPUT COUNTER		
60700		XA131	24			XA121	51			16B	9		KDEV1A	01	KXST20	01	6	TS8	B1		13A			
60701		XA121	51			XA120	47			16B	9		KDEV1A	02	KDEV1A	00	1	TQ2	D4		27B			
60702		XA120	47										KDEV1A	03	KDEV2R	01	2	TT3	D3		25B			
60703		XA119	47			XA118	19			16B	9		KDEV1Q	01	KDEV0A	01	1	TQ2	D4		25B			
60704		XA118	19										KDEV1Q	02	KDEV1Q	00	1	TDD	DQ		09B	END INPUT COUNTER		
60705		XA124	39			XA122	50			16B	9		KDEV2A	01	KDEV2A	00	1	TT3	C3		19B			
60706		XA122	50										KDEV2A	02	KDEV3S	01	2	TQ2	D2		23A			
60707		XA121	35			XA120	51			16B	9		KDEV2R	01	KDEV3A	01	1	TQ2	C4		17B			
60708		XA120	51			XA122	54			16B	9		KDEV2R	02	KDEV2R	00	1	TT3	D3		27B			
60709		XA122	54										KDEV2R	03	KDEV2S	01	1	TQ2	D1		25A			
60710		XA124	33			XA122	52			16B	9		KDEV2S	01	KDEV2A	01	1	TT3	C3		16B			
60711		XA122	52			XA120	45			16B	9		KDEV2S	02	KDEV2S	00	1	TQ2	D1		24A	END INPUT COUNTER		
60712		XA120	45										KDEV2S	03	KDEV2R	01	1	TT3	D3		24B			
60713		XA120	68			XA121	39			16B	9		KDEV3A	01	KDEV3R	01	2	TT3	E1		32A			
60714		XA121	39										KDEV3A	02	KDEV3A	00	1	TQ2	C4		19B			
60715		XA122	48			XA120	64			16B	9		KDEV3R	01	KDEV3S	01	1	TQ2	D2		22A			
60716		XA120	64										KDEV3R	02	KDEV3R	00	1	TT3	E1		30A			
60717		XA120	66			XA121	47			16B	9		KDEV3S	01	KDEV3R	01	1	TT3	E1		31A			
60718		XA121	47			XA122	46			16B	9		KDEV3S	02	KDEV1A	01	1	TQ2	D4		25B			
										****	SIGNAL		KDEV3S										IS ON THE NEXT PAGE	****

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	PREFIX	CONNECTOR	PIN	WIRE	PREFIX	CONNECTOR	PIN	WIRE	MULTI GROUP	CODE	COLOR											
60719		XA122	46										KDEV3S	03	KDEV3S	00	1	TQ2	D2	21A	END INPUT COUNTER	
60720		XA114	23		XA124	57			16B	9			KDP7RA	01	KDP7RA	00	1	TS8	B1	11B	RESET DATA REG ON	
60721		XA124	57										KDP7RA	02	KDRS00	01	1	IT3	E3	30B		
60722		XA122	23		XA114	35			16B	9			KDP7SA	01	KDP7S0	01	1	TQ2	B4	17B		
60723		XA114	35										KDP7SA	02	KDP7SA	00	1	TS8	C1	17B	LOAD DATA REGISTER	
60724		XA121	11		XA121	03			16B	9			KDP7S0	01	KD04SA	01	1	TQ2	A4	05B		
60725		XA121	03		XA121	04			16B	9			KDP7S0	02	KD03SA	01	1	TQ2	A3	02A		
60726		XA121	04		XA121	08			16B	9			KDP7S0	03	KD02SA	01	1	TQ2	A2	04A		
60727		XA121	08		XA121	18			16B	9			KDP7S0	04	KD01SA	01	1	TQ2	A1	06A		
60728		XA121	18		XA121	17			16B	9			KDP7S0	05	KD06SA	01	1	TQ2	B2	10A		
60729		XA121	17		XA121	23			16B	9			KDP7S0	06	KD07SA	01	1	TQ2	B3	08B		
60730		XA121	23		XA121	24			16B	9			KDP7S0	07	KD0PSA	01	1	TQ2	B4	11B		
60731		XA121	24		XA122	27			16B	9			KDP7S0	08	KD05SA	01	1	TQ2	B1	13A		
60732		XA122	27										KDP7S0	09	KDP7S0	00	1	TQ2	B4	13B		
60733		XA130	64		XA129	64			16B	9			KDRS0A	01	KD0PBP	01	1	TDD	KP	30A		
60734		XA129	64		XA130	73			16B	9			KDRS0A	02	KD02BP	01	1	TDD	KP	30A		
60735		XA130	73		XA130	75			16B	9			KDRS0A	03	KD01BP	01	1	TDD	MP	36B		
60736		XA130	75		XA129	75			16B	9			KDRS0A	04	KD00BP	01	1	TDD	LP	37B		
60737		XA129	75		XA127	75			16B	9			KDRS0A	05	KD03BP	01	1	TDD	LP	37B		
60738		XA127	75										KDRS0A	06	KDRS0A	00	1	TQ2	F1	37B		
60739		XA124	63		XA127	71			16B	9			KDRS00	01	KDRS00	00	1	IT3	E3	33B	RESET DATA REGIST	
60740		XA127	71		XA127	77			16B	9			KDRS00	02	KDRS1A	01	1	TQ2	F2	36A		
60741		XA127	77										KDRS00	03	KDRS0A	01	1	TQ2	F1	38B		
60742		XA128	64		XA129	73			16B	9			KDRS1A	01	KD05BP	01	1	TDD	KP	30A		
60743		XA129	73		XA128	75			16B	9			KDRS1A	02	KD04BP	01	1	TDD	MP	36B		
60744		XA128	75		XA128	73			16B	9			KDRS1A	03	KD06BP	01	1	TDD	LP	37B		
60745		XA128	73		XA127	72			16B	9			KDRS1A	04	KD07BP	01	1	TDD	MP	36B		
60746		XA127	72										KDRS1A	05	KDRS1A	00	1	TQ2	F2	34A		
60747		XA124	17		XA130	57			16B	9			KD0PBP	01	KPDT8A	01	2	IT3	B2	08B		
60748		XA130	57										KD0PBP	02	KD0PBP	00	1	TDD	KP	30B		
60749		XA114	43		XA130	55			16B	9			KD0PBQ	01	KETX0A	01	1	TS8	D1	23B		
60750		XA130	55										KD0PBQ	02	KD0PBQ	00	1	TDD	KQ	29B	DATA REGISTER BIT	
60751		XA121	27		XA130	53			16B	9			KD0PSA	01	KD0PSA	00	1	TQ2	B4	13B	DATA REGISTER SET	
60752		XA130	53										KD0PSA	02	KD0PBQ	01	1	TDD	KQ	28B		
60753		XA128	31		XA125	22			16B	9			KDOUTQ	01	KDOUTQ	00	1	TDD	FQ	15B	OUTPUT COMMAND F/P	
60754		XA125	22		XA125	01			16B	9			KDOUTQ	02	KXED0A	01	1	TD4	B1	12A		
60755		XA125	01		XA120	06			16B	9			KDOUTQ	03	KXDPEA	01	1	TD4	A2	02B		
60756		XA120	06		XA115	22			16B	9			KDOUTQ	04	KAER0A	01	1	IT3	A1	05A		
60757		XA115	22		XA113	30			16B	9			KDOUTQ	05	KAEN0A	01	1	TD4	B1	12A		
60758		XA113	30		XA115	37			16B	9			KDOUTQ	06	KAEN2A	01	1	TS8	C1	15A		

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FILE IDENT

149016
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RECORD NUMBER	FROM				TO				WIRE				SIGNAL	SEQ NO	EQUATION	TERM	FACTOR	CKT OR CHIP TYPE	GROUP	LOAD OR POWER PLANE	TEST POINTS AND/OR	SIGNAL DESCRIPTION	ECO NO	
	PREFIX	CONNECTOR	PIN	SH TS	PREFIX	CONNECTOR	PIN	SH TS	MULTI GROUP	CODE	COLOR	IDENT												SPEC INST
60759 60760		XA115 XA119	37 59			XA119	59				168	9		KDOUTQ KDOUTQ	07 08	KPOUTA KXDV2A	01 01	1 1	TD4 TQ2	C1 E4	18B 31B			
60761 60762		XA128 XA126	34 27			XA126	27				168	9		KDOUTO KDOUTO	01 02	KDOUTI KDOUTO	01 00	1 1	TDD TQ2	F1 B4	16A 13B			
62171 63793		XA113 XA130	55 76			XA130	76				168	9		KD00BP KD00BP	01 02	KNULLA KD00BP	01 00	1 1	TS8 TDD	E1 LP	29B 37A		E05 E02	
60763 60764		XA116 XA130	51 78			XA130	78				168	9		KD00BQ KD00BQ	01 02	KXDBOTA KD00BQ	01 00	1 1	MUX TDD	D1 LQ	25B 38A		DATA REGISTR BIT 0	
62221 60765 60766 60767		XA113 XA114 XA116 XA130	60 46 50 69			XA114 XA116 XA130	46 50 69				168 168 168	9 9 9		KD01BP KD01BP KD01BP KD01BP	00 01 02 03	KNULLA KETXOA KPDTX1X KD01BP	01 01 01 00	2 2 8 1	TS8 TS8 MUX TDD	E1 D1 C1 MP	28A 21A 24A 35A		E02	
60768 60769		XA116 XA130	57 74			XA130	74				168	9		KD01BQ KD01BQ	01 02	KXDBOTB KD01BQ	01 00	1 1	MUX TDD	D2 MQ	29B 35B			
60770 60771		XA121 XA130	06 65			XA130	65				168	9		KD01SA KD01SA	01 02	KD01SA KD01BQ	00 01	1 1	TQ2 TDD	A1 MQ	05A 34B			
62193 60772 60773 60774		XA113 XA114 XA116 XA129	61 48 47 57			XA114 XA116 XA129	48 47 57				168 168 168	9 9 9		KD02BP KD02BP KD02BP KD02BP	00 01 02 03	KNULLA KETXOA KPDTX1X KD02BP	01 01 01 00	3 3 7 1	TS8 TS8 MUX TDD	E1 D1 C1 KP	32B 22A 23A 30B		E02	
60775 60776		XA129 XA116	55 54			XA116	54				168	9		KD02BQ KD02BQ	01 02	KD02BQ KXDBOTC	00 01	1 1	TDD MUX	KQ D3	29B 26A			
60777 60778		XA121 XA129	01 53			XA129	53				168	9		KD02SA KD02SA	01 02	KD02SA KD02BQ	00 01	1 1	TQ2 TDD	A2 KQ	02B 28B			
62278 60779 60780 60781		XA113 XA114 XA116 XA129	62 49 45 76			XA114 XA116 XA129	49 45 76				168 168 168	9 9 9		KD03BP KD03BP KD03BP KD03BP	00 01 02 03	KNULLA KETXOA KPDTX1X KD03BP	01 01 01 00	4 4 6 1	TS8 TS8 MUX TDD	E1 D1 C1 LP	29A 26B 23B 37A		E02	
60782 60783		XA129 XA116	78 62			XA116	62				168	9		KD03BQ KD03BQ	01 02	KD03BQ KXDBOTD	00 01	1 1	TDD MUX	LQ D4	38A 29A			
60784 60785		XA121 XA129	09 80			XA129	80				168	9		KD03SA KD03SA	01 02	KD03SA KD03BQ	00 01	1 1	TQ2 TDD	A3 LQ	04B 39A			
62251 60786 60787 60788		XA113 XA114 XA116 XA129	64 50 43 69			XA114 XA116 XA129	50 43 69				168 168 168	9 9 9		KD04BP KD04BP KD04BP KD04BP	00 01 02 03	KNULLA KETXOA KPDTX1X KD04BP	01 01 01 00	5 5 5 1	TS8 TS8 MUX TDD	E1 D1 C1 MP	30A 23A 22B 35A		E02	
												****	SIGNAL	KD04BQ	IS ON THE NEXT PAGE				****					

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	PREFIX	CONNECTOR	PIN		PREFIX	CONNECTOR	PIN	SH FTG	MULTI GROUP	CODE	COLOR													IDENT	
60789		XA129	74			XA116	69						KD04BQ	01	KD04BQ	00	1	TDD	MQ		35B				
60790		XA116	69										KD04BQ	02	KXDB4TA	01	1	MUX	E1		32A				
60791		XA121	15			XA129	65						KD04SA	01	KD04SA	00	1	TQ2	A4		07B				
60792		XA129	65										KD04SA	02	KD04BQ	01	1	TDD	MQ		34B				
62301		XA113	66			XA116	41						KD05BP	00	NULLA	01	6	TS8	E1		31A		E02		
60793		XA116	41			XA114	52						KD05BP	01	KPDTX1X	01	4	MUX	C1		19B				
60794		XA114	52			XA128	57						KD05BP	02	KETX0A	01	6	TS8	D1		24A				
60795		XA128	57										KD05BP	03	KD05BP	00	1	TDD	KP		30B				
60796		XA128	55			XA116	75						KD05BQ	01	KD05BQ	00	1	TDD	KQ		29B				
60797		XA116	75										KD05BQ	02	KXDB4TB	01	1	MUX	E2		35B				
60798		XA121	22			XA128	53						KD05SA	01	KD05SA	00	1	TQ2	B1		12A				
60799		XA128	53										KD05SA	02	KD05BQ	01	1	TDD	KQ		28B				
62290		XA113	68			XA116	39						KD06BP	00	NULLA	01	7	TS8	E1		32A		E02		
60800		XA116	39			XA128	76						KD06BP	01	KPDTX1X	01	3	MUX	C1		18B				
60801		XA128	76										KD06BP	02	KD06BP	00	1	TDD	LP		37A				
60802		XA114	54			XA116	70						KD06BQ	01	KETX0A	01	7	TS8	D1		25A				
60803		XA116	70			XA128	78						KD06BQ	02	KXDB4TC	01	1	MUX	E3		34A				
60804		XA128	78										KD06BQ	03	KD06BQ	00	1	TDD	LQ		38A				
60805		XA121	14			XA128	80						KD06SA	01	KD06SA	00	1	TQ2	B2		09A				
60806		XA128	80										KD06SA	02	KD06BQ	01	1	TDD	LQ		39A				
62302		XA113	70			XA116	37						KD07BP	00	NULLA	01	8	TS8	E1		33A		E02		
60807		XA116	37			XA128	69						KD07BP	01	KPDTX1X	01	2	MUX	C1		17B				
60808		XA128	69										KD07BP	02	KD07BP	00	1	TDD	MP		35A				
60809		XA128	74			XA116	76						KD07BQ	01	KD07BQ	00	1	TDD	MQ		35B		DATA REGISTR BIT 7		
60810		XA116	76			XA114	56						KD07BQ	02	KXDB4TD	01	1	MUX	E4		37A				
60811		XA114	56										KD07BQ	03	KETX0A	01	8	TS8	D1		26A				
60812		XA121	21			XA128	65						KD07SA	01	KD07SA	00	1	TQ2	B3		10B		DATA REGISTER SET		
60813		XA128	65										KD07SA	02	KD07BQ	01	1	TDD	MQ		34B				
60814		XA139	14			XA113	50						KENINO	01	KENINO	00	1	TQ2	B2		09A				
60815		XA113	50										KENINO	02	KXDV3A	01	5	TS8	D1		23A				
60816		XA119	68			XA114	47						KETX0A	01	KETX00	01	1	TQ2	E1		32A				
60817		XA114	47										KETX0A	02	KETX0A	00	1	TS8	D1		25B		EXT CHARACTER IS		
60818		XA119	66			XA120	60						KETX00	01	KETX00	00	1	TQ2	E1		31A				
60819		XA120	60										KETX00	02	KETX1A	01	2	TT3	E2		28A				
60820		XA113	72			XA118	29						KETX1A	01	KINT10	01	2	TS8	F1		34A				
60821		XA118	29			XA120	55						KETX1A	02	KPETX0	01	1	TDD	FQ		14B				
												****	SIGNAL	KETX1A	IS ON THE NEXT PAGE										****

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	PREFIX	CONNECTOR	PIN	PIN	PIN	SH FTG	MULTI GROUP	CODE	COLOR	IDENT											
60822		XA120	55		XA125	62			168	9		KETX1A	03	KETX1A	00 1	TT3	E2	29B	EXT CHARACTER STRB		
60823		XA125	62									KETX1A	04	KAIENR	01 3	TD4	E2	29A			
60829		XA144	46		XA348	49			168	9		KEYINB4	01			RR4	D2			B02	
64822		XA348	49		XA450	71			168	9		KEYINB4	02			SHT				B04	
64177		XA450	71									KEYINB4	03			EXT				B04	
60828		XA143	80		XA348	47			168	9		KEYINDX	01	KEYINDX	00 1	DCF	D5	38B	KEYBOARD INPUT DATA	C01	
64820		XA348	47									KEYINDX	02			SHT				C01	
64176		XA450	72		XA143	79			168	9		KEYINDXR	01			EXT				B04	
60557		XA143	79									KEYINDXR	02			DCF		40B			
60830		XA138	21		XA114	34			168	9		KEYINO	01	KEYINO	00 1	TQ2	B3	10B			
60831		XA114	34									KEYINO	02	KDP7SA	01 3	TS8	C1	16A			
60832		XA143	76		XA138	17			168	9		KEYINOX	01	KEYINOX	00 1	DCF	D6	38A			
60833		XA138	17		XA122	55			168	9		KEYINOX	02	KEYINO	01 1	TQ2	B3	08B			
60834		XA122	55									KEYINOX	03	KIENRO	01 2	TQ2	E3	29B			
60835		XA117	64		XA118	64			168	9		KIENRA	01	KIENOP	01 1	TDD	KP	30A			
60836		XA118	64		XA123	63			168	9		KIENRA	02	KIENIP	01 1	TDD	KP	30A			
60837		XA123	63		XA126	59			168	9		KIENRA	03	KIENRA	00 1	TQ2	E4	33B	RESET INPUT DATA	A01	
62430		XA126	59									KIENRA	04	KOUTOA	01 1	TQ2	E4	31B		A01	
60838		XA122	57		XA123	59			168	9		KIENRO	01	KIENRO	00 1	TQ2	E3	30B			
60839		XA123	59									KIENRO	02	KIENRA	01 1	TQ2	E4	31B			
60840		XA132	77		XA124	64			168	9		KIENSA	01	KKTCRO	01 2	TT3	F1	38B			
60841		XA124	64									KIENSA	02	KIENSA	00 1	TT3	E1	30A	START MAIN TIME		
62336		XA120	21		XA114	76			168	9		KIENOA	00	KKTC10	01 1	TT3	B3	10B		E02	
60842		XA114	76		XA123	56			168	9		KIENOA	01	KIENOA	00 1	TS8	F1	37A	START INPUT COUNTR		
60843		XA123	56									KIENOA	02	KIENOS	01 2	TQ2	D1	26A			
60844		XA124	68		XA118	62			168	9		KIENOQ	01	KIENSA	01 2	TT3	E1	32A			
60845		XA118	62		XA117	55			168	9		KIENOQ	02	KIEN1I	01 1	TDD	KI	29A			
60846		XA117	55									KIENOQ	03	KIENOQ	00 1	TDD	KQ	29B	DATA DETECT COUNTE		
60847		XA125	47		XA123	54			168	9		KIENOR	01	KIENOR	00 1	TD4	D1	25B			
60848		XA123	54		XA121	59			168	9		KIENOR	02	KIENOS	01 1	TQ2	D1	25A			
60849		XA121	59									KIENOR	03	KIEN3A	01 1	TQ2	E4	31B			
60850		XA125	49		XA123	52			168	9		KIENOS	01	KIENOR	01 1	TD4	D1	26B			
60851		XA123	52		XA122	03			168	9		KIENOS	02	KIENOS	00 1	TQ2	D1	24A	INPUT COUNTER BIT		
60852		XA122	03									KIENOS	03	KIEN2A	01 1	TQ2	A3	02A			
60853		XA125	52		XA123	64			168	9		KIENIA	01	KIENOR	01 2	TD4	D1	24A		A01	
61098		XA123	64		XA122	51			168	9		KIENIA	015	KIOUTS	01 2	TQ2	E2	30A		A01	
60854		XA122	51		XA115	78			168	9		KIENIA	02	KIENIA	00 1	TQ2	D4	27B			
										****	SIGNAL	KIENIA	IS ON THE NEXT PAGE				****				

TM 11-5895-856-34-12/EE640-CA-MMI-120/E154 CPU/TO 31W2-2T-122-12

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	PREFIX	CONNECTOR	PIN	SH FC	PREFIX	CONNECTOR	PIN	SH FC	MULTI-GROUP	CODE	COLOR	IDENT												SPEC INST. MISC	
60889		XA133	63			XA122	68			16B	9			KKPE0A	02	KK08B1U	01	5	DBC	D1		31A			
60890		XA122	68											KKPE0A	03	KKPE00	01	1	TQ2	E1		32A			
60891		XA113	36			XA121	70			16B	9			KKPE00	01	KAEN2A	01	4	TS8	C1		17A		D02	
60893		XA121	70			XA122	66			16B	9			KKPE00	03	KKPE1A	01	2	TQ2	E1		33A			
60894		XA122	66			XA134	64			16B	9			KKPE00	04	KKPE00	00	1	TQ2	E1		31A			
60895		XA134	64											KKPE00	05	KK12B4U	01	1	DBC	D4		30A			
60896		XA134	63			XA121	66			16B	9			KKPE1A	01	KK12B1U	01	5	DBC	D1		31A			
60897		XA121	66											KKPE1A	02	KKPE1A	00	1	TQ2	E1		31A		DIVIDE BY 10 PARAL	
60898		XA133	49			XA134	49			16B	9			KKTCPP	01	KK08B5U	01	1	DBC	D5		24B			
60899		XA134	49			XA134	35			16B	9			KKTCPP	02	KK12B5U	01	1	DBC	D5		24B			
60900		XA134	35			XA133	35			16B	9			KKTCPP	03	KK04B5U	01	1	DBC	C5		16B			
60901		XA133	35			XA128	50			16B	9			KKTCPP	04	KK03B5U	01	1	DBC	C5		16B		B02	
62248		XA128	50			XA115	40			16B	9			KKTCPP	05	KK00BP	01	1	TDD	HP		23A		B02	
60903		XA115	40			XA114	36			16B	9			KKTCPP	06	KPOUTA	01	3	TD4	C1		19A			
60904		XA114	36			XA114	19			16B	9			KKTCPP	07	KDP7SA	01	4	TS8	C1		17A			
60905		XA114	19			XA117	23			16B	9			KKTCPP	08	KDP7RA	01	3	TS8	B1		09B			
60906		XA117	23											KKTCPP	09	KKTCPP	00	1	TDD	CP		11B			
60907		XA127	80			XA117	22			16B	9			KKTCRA	01	KKTCRA	00	1	TQ2	F4		39A		START MAIN TIMING	
60908		XA117	22											KKTCRA	02	KKTCPP	01	1	TDD	CP		12A			
60909		XA132	73			XA127	76			16B	9			KKTCR0	01	KKTCR0	00	1	TT3	F1		36B			
60910		XA127	76											KKTCR0	02	KKTCRA	01	1	TQ2	F4		37A			
61674		XA117	27			XA119	15			16B	9			KKTC1A	01	KKTCQ	01	1	TDD	C0		13B		E02	
63758		XA119	15											KKTC1A	02	KKTC1A	00	1	TQ2	A4		07B		E02	
62155		XA119	11			XA120	27			16B	9			KKTC10	01	KKTC1A	01	1	TQ2	A4		05B		E02	
63763		XA120	27											KKTC10	02	KKTC10	00	1	TT3	B3		13B		E02	
63774		XA128	43			XA133	48			16B	9			KK00BQ	01	KK00BQ	00	1	TDD	H0		23B		B02	
62501		XA133	48			XA135	78			16B	9			KK00BQ	02	KK03B4U	01	1	DBC	C4		22A		B02	
62394		XA135	78											KK00BQ	03	KK0090	01	2	TQ2	F4		38A		B02	
61525		XA116	72			XA135	76			16B	9			KK009A1	005	KXDB4TC	01	2	MUX	E3		35A		E01	
62509		XA135	76			XA243	78			16B	9			KK009A1	01	KK0090	01	1	TQ2	F4		37A		C01	
64860		XA243	78			XA348	76			16B	9			KK009A1	02				RR1	H6				B02	
64590		XA348	76											KK009A1	03				SHT						B04
63779		XA135	80			XA128	48			16B	9			KK0090	01	KK0090	00	1	TQ2	F4		39A		B02	
62388		XA128	48											KK0090	02	KK00B1	01	1	TDD	HI		22A		B02	
60911		XA134	20			XA133	38			16B	9			KK03B1U	01	KK0300T	01	1	DBC	B1		10A			
60912		XA133	38											KK03B1U	02	KK03B1U	00	1	DBC	C1		18A		BITS 0-1-2-3 OF	
60913		XA133	40			XA134	22			16B	9			KK03B2U	01	KK03B2U	00	1	DBC	C2		19A			
60914		XA134	22											KK03B2U	02	KK0301T	01	1	DBC	B2		11A			

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	PREFIX	CONNECTOR	PIN	SH TO	PREFIX	CONNECTOR	PIN	SH TO	MULTI GROUP	CODE	COLOR	IDENT											
60915		XA134	19										KK03B3U	01	KK0302T	01	1	DBC	B3		09B		
60916		XA133	42		XA133	42			16B	9			KK03B3U	02	KK03B3U	00	1	DBC	C3		20A		
60917		XA122	59										KK03B4U	01	KK03QA	01	1	TQ2	F4		31B		
60918		XA133	46		XA133	46			16B	9			KK03B4U	02	KK03B4U	00	1	DBC	C4		21A		
60919		XA134	48										KK03B5U	01	KK04B4U	01	1	DBC	C4		22A		
60920		XA133	36		XA133	36			16B	9			KK03B5U	02	KK03B5U	00	1	DBC	C5		17A		
60921		XA119	06										KK03D0	01	KK03D0	00	1	TQ2	A1		05A	STATE D OF KKO3 B1	
60922		XA131	64		XA131	64			16B	9			KK03D0	02	KPINTA	01	5	TS8	E1		30A		
60923		XA113	22										KK03E0	01	KA0ERA	01	5	TS8	B1		12A		
60924		XA119	01		XA131	75			16B	9			KK03E0	02	KK03E0	00	1	TQ2	A2		02B	STATE E OF KKO3 B1	
60925		XA131	75										KK03E0	03	KIOTRA	01	5	TS8	F1		37B		
60926		XA119	09										KK03F0	01	KK03F0	00	1	TQ2	A3		04B	STATE F OF KKO3 B1	
60927		XA113	06		XA113	06			16B	9			KK03F0	02	KAEBRA	01	4	TS8	A1		05A		
60928		XA122	63										KK03QA	01	KK03QA	00	1	TQ2	F4		33B		
60929		XA134	21		XA134	21			16B	9			KK03QA	02	KK0303T	01	1	DBC	B4		10B		
60930		XA119	08										KK0305T	01	KK03D0	01	1	TQ2	A1		06A		
60931		XA134	23		XA134	23			16B	9			KK0305T	02	KK0305T	00	1	DBC	B6		11B		
60932		XA134	25										KK0306T	01	KK0306T	00	1	DBC	B7		12B		
60933		XA119	04		XA119	04			16B	9			KK0306T	02	KK03E0	01	1	TQ2	A2		04A		
60934		XA119	03										KK0307T	01	KK03F0	01	1	TQ2	A3		02A		
60935		XA134	29		XA134	29			16B	9			KK0307T	02	KK0307T	00	1	DBC	B8		13B		
60936		XA115	07										KK04B1U	01	KK04FA	01	4	TQ4	A2		03A		
60937		XA134	38		XA134	38			16B	9			KK04B1U	02	KK04B1U	00	1	DBC	C1		18A	BITS 4-5-6-7 OF	
60938		XA134	40										KK04B2U	01	KK04B2U	00	1	DBC	C2		19A		
60939		XA115	05		XA115	05			16B	9			KK04B2U	02	KK04FA	01	3	TQ4	A2		03B		
60940		XA115	04										KK04B3U	01	KK04FA	01	2	TQ4	A2		04A		
60941		XA134	42		XA134	42			16B	9			KK04B3U	02	KK04B3U	00	1	DBC	C3		20A		
60942		XA134	46										KK04B4U	01	KK04B4U	00	1	DBC	C4		21A		
60943		XA115	01		XA115	01			16B	9			KK04B4U	02	KK04FA	01	1	TQ4	A2		02B		
60944		XA135	73										KK04B5U	01	KKPE0A	01	2	TQ2	F2		36B		
60945		XA133	64		XA134	36			16B	9			KK04B5U	02	KK08B4U	01	1	DBC	O4		30A		
60946		XA134	36		XA114	38			16B	9			KK04B5U	03	KK04B5U	00	1	DBC	C5		17A		
60947		XA114	38										KK04B5U	04	KDP7SA	01	6	TS8	C1		18A		
60948		XA114	22		XA114	22			16B	9			KK04B5U	05	KDP7RA	01	5	TS8	B1		12A		

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	PREFIX	CONNECTOR	PIN	ST	PREFIX	CONNECTOR	PIN	ST	MULTI GROUP	CODE	COLOR	IDEN												
60949		XA123	11			XA115	09			16B	9		KK04FA	01	KK04FO	01	1	TQ2	A4		05B	KK04 STATE F		
60950		XA115	09										KK04FA	02	KK04FA	00	1	TD4	A2		04B			
60951		XA113	05			XA113	20			16B	9		KK04FO	01	KAEBRA	01	3	TS8	A1		03B			
60952		XA113	20			XA123	15			16B	9		KK04FO	02	KA0ERA	01	4	TS8	B1		11A			
60953		XA123	15			XA131	62			16B	9		KK04FO	03	KK04FO	00	1	TQ2	A4		07B			
60954		XA131	62			XA131	74			16B	9		KK04FO	04	KPINTA	01	4	TS8	E1		29A			
60955		XA131	74										KK04FO	05	KIOTRA	01	4	TS8	F1		35B			
60956		XA119	62			XA124	56			16B	9		KK08B1U	01	KK08QA	01	1	TQ2	E2		29A			
60957		XA124	56			XA133	54			16B	9		KK08B1U	02	KK087A	01	3	TT3	D1		26A			
60958		XA133	54										KK08B1U	03	KK08B1U	00	1	DBC	D1		26A		BITS 8-9-10-11 OF	
60959		XA133	56			XA124	54			16B	9		KK08B2U	01	KK08B2U	00	1	DBC	D2		28B			
60960		XA124	54			XA119	53			16B	9		KK08B2U	02	KK087A	01	2	TT3	D1		25A			
60961		XA119	53										KK08B2U	03	KK09QA	01	1	TQ2	E3		28B			
60962		XA133	60			XA124	52			16B	9		KK08B3U	01	KK08B3U	00	1	DBC	D3		28A			
60963		XA124	52			XA115	08			16B	9		KK08B3U	02	KK087A	01	1	TT3	D1		24A			
60964		XA115	08			XA114	74			16B	9		KK08B3U	03	KK08CA	01	2	TD4	A1		06A		D02	
60965		XA114	74										KK08B3U	04	KIEN0A	01	4	TS8	F1		35B		D02	
60965		XA133	62			XA115	06			16B	9		KK08B4U	01	KK08B4U	00	1	DBC	D4		29A			
60966		XA115	06										KK08B4U	02	KK08CA	01	1	TD4	A1		05A			
60967		XA122	04			XA115	11			16B	9		KK08CA	01	KK08CO	01	1	TQ2	A2		04A			
60968		XA115	11										KK08CA	02	KK08CA	00	1	TD4	A1		05B		KK08 STATE C	
60969		XA113	19			XA113	04			16B	9		KK08CO	01	KA0ERA	01	3	TS8	B1		09B			
60970		XA113	04			XA122	01			16B	9		KK08CO	02	KAEBRA	01	2	TS8	A1		04A			
60971		XA122	01			XA131	61			16B	9		KK08CO	03	KK08CO	00	1	TQ2	A2		02B			
60972		XA131	61			XA131	73			16B	9		KK08CO	04	KPINTA	01	3	TS8	E1		32B			
60973		XA131	73			XA135	71			16B	9		KK08CO	05	KIOTRA	01	3	TS8	F1		36B			
60974		XA135	71										KK08CO	06	KKPE0A	01	1	TQ2	E2		36A			
60975		XA119	60			XA115	13			16B	9		KK08QA	01	KK08QA	00	1	TQ2	E2		28A			
60976		XA115	13										KK08QA	02	KK08CA	01	4	TD4	A1		06B			
60977		XA123	68			XA124	50			16B	9		KK087A	01	KK0870	01	1	TQ2	E1		32A			
60978		XA124	50										KK087A	02	KK087A	00	1	TT3	D1		23A		KK08 BITS STATE 7	
60979		XA114	20			XA114	37			16B	9		KK0870	01	KDP7RA	01	4	TS8	B1		11A			
60980		XA114	37			XA123	66			16B	9		KK0870	02	KDP7SA	01	5	TS8	C1		18B			
60981		XA123	66										KK0870	03	KK0870	00	1	TQ2	E1		31A			
60982		XA119	57			XA115	10			16B	9		KK09QA	01	KK09QA	00	1	TQ2	E3		30B			
60983		XA115	10										KK09QA	02	KK08CA	01	3	TD4	A1		07A			
										****	SIGNAL	KK12B1U	IS ON THE NEXT PAGE				****							

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	PREFIX	CONNECTOR	PIN	WIRE NO	PREFIX	CONNECTOR	PIN	WIRE NO	CODE	COLOR	IDENT											
60984		XA133	04			XA134	54		16B	9		KK12B1U	01	KK1200T	01	1	DBC	A1		02A		
60985		XA134	54			XA116	46		16B	9		KK12B1U	02	KK12B1U	00	1	DBC	D1		26A	BITS 12-13-14-15 0	
60986		XA116	46									KK12B1U	03	KPDTX2X	01	1	MUX	C2		21A		
60987		XA116	42			XA134	56		16B	9		KK12B2U	01	KPDTX2X	01	2	MUX	C2		20A		
60988		XA134	56			XA133	06		16B	9		KK12B2U	02	KK12B2U	00	1	DBC	D2		28B		
60989		XA133	06									KK12B2U	03	KK1201T	01	1	DBC	A2		03A		
60990		XA133	03			XA134	60		16B	9		KK12B3U	01	KK1202T	01	1	DBC	A3		02B		
60991		XA134	60			XA116	40		16B	9		KK12B3U	02	KK12B3U	00	1	DBC	D3		28A		
60992		XA116	40									KK12B3U	03	KPDTX2X	01	3	MUX	C2		19A		
60993		XA116	48			XA119	41		16B	9		KK12B4U	01	KPDTX2X	01	4	MUX	C2		22A		
60994		XA119	41			XA134	62		16B	9		KK12B4U	02	KK150A	01	1	TQ2	D3		22B		
60995		XA134	62			XA133	05		16B	9		KK12B4U	03	KK12B4U	00	1	DBC	D4		29A		
60996		XA133	05									KK12B4U	04	KK1203T	01	1	DBC	A4		03B		
60997		XA114	24			XA119	22		16B	9		KK1200	01	KDP7RA	01	6	TS8	B1		13A		
60998		XA119	22									KK1200	02	KK1200	00	1	TQ2	B1		12A	KK12 STATE 0	
60999		XA133	08			XA119	24		16B	9		KK1200T	01	KK1200T	00	1	DBC	A1		04A	KK12 BITS STATE	
61000		XA119	24									KK1200T	02	KK1200	01	1	TQ2	B1		13A		
61001		XA119	18			XA133	10		16B	9		KK1201T	01	KK1210	01	1	TQ2	B2		10A		
61002		XA133	10									KK1201T	02	KK1201T	00	1	DBC	A2		05A		
61003		XA133	14			XA119	17		16B	9		KK1202T	01	KK1202T	00	1	DBC	A3		06A		
61004		XA119	17									KK1202T	02	KK1220	01	1	TQ2	B3		08B		
61005		XA119	23			XA133	13		16B	9		KK1203T	01	KK1230	01	1	TQ2	B4		11B		
61006		XA133	13									KK1203T	02	KK1203T	00	1	DBC	A4		07A		
61007		XA133	17			XA119	40		16B	9		KK1204T	01	KK1204T	00	1	DBC	A5		08B		
61008		XA119	40									KK1204T	02	KK1240	01	1	TQ2	C1		19A		
61009		XA119	34			XA133	07		16B	9		KK1205T	01	KK1250	01	1	TQ2	C2		16A	KK12 STATE 6	
61010		XA133	07									KK1205T	02	KK1205T	00	1	DBC	A6		04B		
61011		XA133	09			XA119	29		16B	9		KK1206T	01	KK1206T	00	1	DBC	A7		05B		
61012		XA119	29									KK1206T	02	KK1260	01	1	TQ2	C3		14B		
61013		XA119	35			XA133	11		16B	9		KK1207T	01	KK1270	01	1	TQ2	C4		17B		
61014		XA133	11									KK1207T	02	KK1207T	00	1	DBC	A8		06B		
61015		XA133	15			XA119	54		16B	9		KK1208T	01	KK1208T	00	1	DBC	A9		07B		
61016		XA119	54									KK1208T	02	KK1280	01	1	TQ2	D1		25A		
61017		XA119	48			XA133	18		16B	9		KK1209T	01	KK1290	01	1	TQ2	D2		22A		
61018		XA133	18									KK1209T	02	KK1209T	00	1	DBC	A0		09A		
										****	SIGNAL	KK1210	IS ON THE NEXT PAGE				****					

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DRAWING NUMBER
UNIT ASSEMBLY NAME

149016-800
CARD CAGE ASSY,A,IFCU

STRING

UNIT ASSEMBLY NO.
FILE IDENT

149016
T39C1FC6

REV E
DATE 09-03-82

INDEX KK1210
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RECORD NUMBER	FROM				TO				WIRE			SFC INST DISC	SIGNAL	SEQ NO	EQUATION	TERM	FACTOR	CAT OR CHIP TYPE	GROUP	LOAD OR POWER PLANE	TEST POINTS AND/OR	SIGNAL DESCRIPTION	SFC NO	
	PREFIX	CONNECTOR	PIN	SIZE	PREFIX	CONNECTOR	PIN	SIZE	MULTI GROUP	CODE	COLOR													IDENT
61019 61020		XA121 XA119	19 14			XA119	14			16B	9		KK1210 KK1210	01 02	KD07SA KK1210	01 00	2 1	TQ2 TQ2	B3 B2		09B 09A	KK12 STATE 1		
61021 61022		XA119 XA121	21 20			XA121	20			16B	9		KK1220 KK1220	01 02	KK1220 KD06SA	00 01	1 2	TQ2 TQ2	B3 B2		10B 11A	KK12 STATE 2		
61023 61024		XA121 XA119	26 27			XA119	27			16B	9		KK1230 KK1230	01 02	KD05SA KK1230	01 00	2 1	TQ2 TQ2	B1 B4		14A 13B	KK12 STATE 3		
61025 61026		XA119 XA121	38 13			XA121	13			16B	9		KK1240 KK1240	01 02	KK1240 KD04SA	00 01	1 2	TQ2 TQ2	C1 A4		18A 08B	KK12 STATE 4		
61027 61028		XA121 XA119	07 30			XA119	30			16B	9		KK1250 KK1250	01 02	KD03SA KK1250	01 00	2 1	TQ2 TQ2	A3 C2		03A 15A	KK12 STATE 5		
61029 61030		XA119 XA121	33 05			XA121	05			16B	9		KK1260 KK1260	01 02	KK1260 KD02SA	00 01	1 2	TQ2 TQ2	C3 A2		16B 03B			
61031 61032		XA121 XA119	10 39			XA119	39			16B	9		KK1270 KK1270	01 02	KD01SA KK1270	01 00	2 1	TQ2 TQ2	A1 C4		07A 19B	KK12 STATE 7		
61033 61034 61035		XA124 XA121 XA119	18 25 52			XA121 XA119	25 52			16B 16B	9 9		KK1280 KK1280 KK1280	01 02 03	KD01SA KD0PSA KK1280	01 02 00	3 2 1	TT3 TQ2 TQ2	B2 B4 D1		10A 12B 24A	KK12 STATE 8		
61036 61037 61038 61039 61040 61041 61042 61043		XA113 XA113 XA113 XA114 XA121 XA119 XA131 XA131	01 18 34 73 68 46 60 72			XA113 XA113 XA114 XA121 XA119 XA131 XA131	18 34 73 68 46 60 72			16B 16B 16B 16B 16B 16B 16B	9 9 9 9 9 9 9		KK1290 KK1290 KK1290 KK1290 KK1290 KK1290 KK1290 KK1290	01 02 03 04 05 06 07 08	KAEBRA KAOERA KAENZA KIENOA KKPE1A KK1290 KPINTA KIOTRA	01 01 01 01 01 00 01 01	1 2 3 3 1 1 2 2	TS8 TS8 TS8 TS8 TQ2 TQ2 TS8 TS8	A1 B1 C1 F1 E1 D2 E1 F1		02B 10A 16A 36B 32A 21A 28A 34A	KK12 STATE 9		
61044 61045		XA119 XA117	45 26			XA117	26			16B	9		KK15QA KK15QA	01 02	KK15QA KK1CCN	00 01	1 1	TQ2 TDD	D3 CN		24B 14A			
61046 61047 61048		XA123 XA124 XA125	04 07 20			XA124 XA125	07 20			16B 16B	9 9		KLPTBR KLPTBR KLPTBR	01 02 03	KLPTBS KLPTBR KPBZYQ	01 00 01	1 1 4	TQ2 TT3 TD4	A2 A2 B2		04A 03A 11A			
61049 61050		XA124 XA123	01 01			XA123	01			16B	9		KLPTBS KLPTBS	01 02	KLPTBR KLPTBS	01 00	1 1	TT3 TQ2	A2 A2		02B 02B	LOOP TEST BUSY F/F		
61051 61052		XA118 XA117	05 07			XA117	07			16B	9		KLPTOQ KLPTOQ	01 02	KLPT1I KLPTOQ	01 00	1 1	TDD TDD	B1 BQ		03B 03A	LOOP TEST COUNTER		
61053 61054 61055		XA123 XA122 XA117	10 06 01			XA122 XA117 XA115	06 01 77			16B 16B 16B	9 9 9		KLPT1A KLPT1A KLPT1A	01 02 03	KLPT2S KLPT1A KLPTON	01 00 01	2 1 1	TQ2 TQ2 TDD	A1 A1 BN		07A 05A 02B			
										****	SIGNAL	KLPT1A	IS ON THE NEXT PAGE										****	

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DRAWING NUMBER
UNIT ASSEMBLY NAME

149016-800
CARD CAGE ASSY,A,IFCU

STRING

UNIT ASSEMBLY NO.
FILE IDENT

149016
T39C1FC6

REV E
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RECORD NUMBER	FROM			TO			WIRE				SIGNAL	SEQ NO	EQUATION	TERM	FACT	CKT OR CHIP TYPE	GROUP	LOAD OR POWER PLANE	TEST POINTS AND/OR	SIGNAL DESCRIPTION	ECO NO	
	PREFIX	CONNECTOR	PIN	PREFIX	CONNECTOR	PIN	PH TO	MULTI GROUP	CODE	COLOR												IDENT
60984		XA133	04		XA134	54			16B	9		KK12B1U	01	KK1200T	01	1	DBC	A1	02A	BITS 12-13-14-15 0		
60985		XA134	54		XA116	46			16B	9		KK12B1U	02	KK12B1U	00	1	DBC	D1	26A			
60986		XA116	46									KK12B1U	03	KPDTX2X	01	1	MUX	C2	21A			
60987		XA116	42		XA134	56			16B	9		KK12B2U	01	KPDTX2X	01	2	MUX	C2	20A			
60988		XA134	56		XA133	06			16B	9		KK12B2U	02	KK12B2U	00	1	DBC	D2	28B			
60989		XA133	06									KK12B2U	03	KK1201T	01	1	DBC	A2	03A			
60990		XA133	03		XA134	60			16B	9		KK12B3U	01	KK1202T	01	1	DBC	A3	02B			
60991		XA134	60		XA116	40			16B	9		KK12B3U	02	KK12B3U	00	1	DBC	D3	28A			
60992		XA116	40									KK12B3U	03	KPDTX2X	01	3	MUX	C2	19A			
60993		XA116	48		XA119	41			16B	9		KK12B4U	01	KPDTX2X	01	4	MUX	C2	22A			
60994		XA119	41		XA134	62			16B	9		KK12B4U	02	KK15QA	01	1	TQ2	D3	22B			
60995		XA134	62		XA133	05			16B	9		KK12B4U	03	KK1284U	00	1	DBC	D4	29A			
60996		XA133	05									KK12B4U	04	KK1203T	01	1	DBC	A4	03B			
60997		XA114	24		XA119	22			16B	9		KK1200	01	KDP7RA	01	6	TS8	B1	13A			
60998		XA119	22									KK1200	02	KK1200	00	1	TQ2	B1	12A	KK12 STATE 0		
60999		XA133	08		XA119	24			16B	9		KK1200T	01	KK1200T	00	1	DBC	A1	04A	KK12 BITS STATE		
61000		XA119	24									KK1200T	02	KK1200	01	1	TQ2	B1	13A			
61001		XA119	18		XA133	10			16B	9		KK1201T	01	KK1210	01	1	TQ2	B2	10A			
61002		XA133	10									KK1201T	02	KK1201T	00	1	DBC	A2	05A			
61003		XA133	14		XA119	17			16B	9		KK1202T	01	KK1202T	00	1	DBC	A3	06A			
61004		XA119	17									KK1202T	02	KK1220	01	1	TQ2	B3	08B			
61005		XA119	23		XA133	13			16B	9		KK1203T	01	KK1230	01	1	TQ2	B4	11B			
61006		XA133	13									KK1203T	02	KK1203T	00	1	DBC	A4	07A			
61007		XA133	17		XA119	40			16B	9		KK1204T	01	KK1204T	00	1	DBC	A5	08B			
61008		XA119	40									KK1204T	02	KK1240	01	1	TQ2	C1	19A			
61009		XA119	34		XA133	07			16B	9		KK1205T	01	KK1250	01	1	TQ2	C2	16A	KK12 STATE 6		
61010		XA133	07									KK1205T	02	KK1205T	00	1	DBC	A6	04B			
61011		XA133	09		XA119	29			16B	9		KK1206T	01	KK1206T	00	1	DBC	A7	05B			
61012		XA119	29									KK1206T	02	KK1260	01	1	TQ2	C3	14B			
61013		XA119	35		XA133	11			16B	9		KK1207T	01	KK1270	01	1	TQ2	C4	17B			
61014		XA133	11									KK1207T	02	KK1207T	00	1	DBC	A8	06B			
61015		XA133	15		XA119	54			16B	9		KK1208T	01	KK1208T	00	1	DBC	A9	07B			
61016		XA119	54									KK1208T	02	KK1280	01	1	TQ2	D1	25A			
61017		XA119	48		XA133	18			16B	9		KK1209T	01	KK1290	01	1	TQ2	D2	22A			
61018		XA133	18									KK1209T	02	KK1209T	00	1	DBC	A0	09A			
										****	SIGNAL	KK1210	IS ON THE NEXT PAGE				****					

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DRAWING NUMBER 149016-800 STRING UNIT ASSEMBLY NO. 149016 REV E INDEX KMR2CB
 UNIT ASSEMBLY NAME CARD CAGE ASSY,A,IFCU FILE IDENT T39C1FC6 DATE 09-03-82 PAGE 31

RECORD NUMBER	FROM				TO				WIRE				SIGNAL	SEQ NO	EQUATION	TERM	FACTOR	CKT OR CHIP TYPE	GROUP	LOAD CR POWER PLANE	TEST POINTS AND/OR	SIGNAL DESCRIPTION	ECO NO
	PREFIX	CONNECTOR	PIN	SIZE	PREFIX	CONNECTOR	PIN	SIZE	MULTI GROUP	CODE	COLOR	IDENY											
61740		XA139	45		XA138	41				16B	9		P	KXR2CS	05	KMR2CB	01	1	TQ2	D3		24B	
61739		XA138	41		XA129	62				16B	9			KMR2CB	06	KXR2CR	01	1	TQ2	O3		22B	
61737		XA129	62											KMR2CB	07	KD02BI	01	1	TDD	KI		29A	
51531		XA340	51		XA339	47				16B	9		P	MXR3CS	01	KMR3CB	02	1	TQ2	D4		27B	
51532		XA339	47		XA328	40				16B	9			KMR3CB	02	MXR3CR	01	1	TQ2	D4		25B	
51533		XA328	40		XA330	77				16B	9			KMR3CB	03	MXDEVA	01	1	TQ2	C1		19A	
51534		XA330	77		XA237	49				16B	9			KMR3CB	04	MDO3BI	01	1	TDD	LI		38B	
61746		XA237	49		XA139	51				16B	9			KMR3CB	05	KXR0PPR	01	4	PAR	D1		26B	
61744		XA139	51		XA138	47				16B	9		P	KXR3CS	06	KMR3CB	01	1	TQ2	D4		27B	
61745		XA138	47		XA127	40				16B	9			KMR3CB	07	KXR3CR	01	1	TQ2	D4		25B	
61747		XA127	40		XA129	77				16B	9			KMR3CB	08	KXDEVA	01	1	TQ2	C1		19A	
61748		XA129	77											KMR3CB	09	KD03BI	01	1	TDD	LI		38B	
51539		XA335	21		XA340	66				16B	9			KMR4CB	01	MXR093T	01	1	DBC	B4		10B	
51540		XA340	66		XA339	68				16B	9		P	MXR4CS	02	KMR4CB	02	1	TQ2	E1		31A	
51541		XA339	68		XA330	71				16B	9			KMR4CB	03	MXR4CR	01	1	TQ2	E1		32A	
51542		XA330	71		XA237	52				16B	9			KMR4CB	04	MDO4BI	01	1	TDD	MI		36A	
61755		XA237	52		XA133	21				16B	9			KMR4CB	05	KXR0PPR	01	5	PAR	D1		24A	
61754		XA133	21		XA139	66				16B	9			KMR4CB	07	KXR093T	01	1	DBC	B4		10B	
61756		XA139	66		XA138	68				16B	9		P	KXR4CS	08	KMR4CB	01	1	TQ2	E1		31A	
61757		XA138	68		XA129	71				16B	9			KMR4CB	09	KXR4CR	01	1	TQ2	E1		32A	
61759		XA129	71											KMR4CB	11	KD04BI	01	1	TDD	MI		36A	
51546		XA335	03		XA335	19				16B	9			KMR5CB	01	MXRAF2T	01	1	DBC	A3		02B	
51547		XA335	19		XA340	60				16B	9			KMR5CB	02	MXR092T	01	1	DBC	B3		09B	
51548		XA340	60		XA339	62				16B	9		P	MXR5CS	03	KMR5CB	02	1	TQ2	E2		28A	
51549		XA339	62		XA329	62				16B	9			KMR5CB	04	MXR5CR	01	1	TQ2	E2		29A	
51550		XA329	62		XA237	50				16B	9			KMR5CB	05	MDO5BI	01	1	TDD	KI		29A	
61765		XA237	50		XA134	03				16B	9			KMR5CB	06	KXR0PPR	01	6	PAR	D1		23A	
61763		XA134	03		XA133	19				16B	9			KMR5CB	07	KXRAF2T	01	1	DBC	A3		02B	
61764		XA133	19		XA139	60				16B	9			KMR5CB	08	KXR092T	01	1	DBC	B3		09B	
61766		XA139	60		XA138	62				16B	9		P	KXR5CS	09	KMR5CB	01	1	TQ2	E2		28A	
61767		XA138	62		XA128	62				16B	9			KMR5CB	10	KXR5CR	01	1	TQ2	E2		29A	
61768		XA128	62											KMR5CB	11	KD05BI	01	1	TDD	KI		29A	
51554		XA335	06		XA335	22				16B	9			KMR6CB	01	MXRAF1T	01	1	DBC	A2		03A	
51555		XA335	22		XA339	53				16B	9			KMR6CB	02	MXR091T	01	1	DBC	B2		11A	
51556		XA339	53		XA340	57				16B	9			KMR6CB	03	MXR6CR	01	1	TQ2	E3		28B	
51557		XA340	57		XA329	77				16B	9		P	MXR6CS	04	KMR6CB	02	1	TQ2	E3		30B	
51559		XA329	77		XA237	48				16B	9			KMR6CB	06	MDO6BI	01	1	TDD	LI		38B	
61774		XA237	48		XA134	06				16B	9			KMR6CB	07	KXR0PPR	01	7	PAR	D1		22A	
61772		XA134	06		XA133	22				16B	9			KMR6CB	08	KXRAF1T	01	1	DBC	A2		03A	
61773		XA133	22		XA138	53				16B	9			KMR6CB	09	KXR091T	01	1	DBC	B2		11A	
61775		XA138	53		XA139	57				16B	9			KMR6CB	10	KXR6CR	01	1	TQ2	E3		28B	
61776		XA139	57		XA128	77				16B	9		P	KXR6CS	11	KMR6CB	01	1	TQ2	E3		30B	
61777		XA128	77											KMR6CB	12	KD06BI	01	1	TDD	LI		38B	
51563		XA335	04		XA335	20				16B	9			KMR7CB	01	MXRAF0T	01	1	DBC	A1		02A	
51564		XA335	20		XA339	59				16B	9			KMR7CB	02	MXR090T	01	1	DBC	B1		10A	
										****	SIGNAL	(KMR7CB)	IS ON THE	NEXT PAGE	****								

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DRAWING NUMBER
UNIT ASSEMBLY NAME

149016-800
CARD CAGE ASSY,A,IFCU

STRING

UNIT ASSEMBLY NO.
FILE IDENT

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RECORD NUMBER	FROM				TO				WIRE				SIGNAL	SEQ NO	EQUATION	TERM	FACTOR	CKT OR CHIP TYPE	GROUP	LOAD OR POWER PLANE	TEST POINTS AND/OR	SIGNAL DESCRIPTION	ECO NO
	PREFIX	CONNECTOR	PIN	DI	PREFIX	CONNECTOR	PIN	DI	MULTI GROUP	CODE	COLOR	IDENT											
51565		XA339	59		XA340	63				16B	9		KMR7CB	03	MXR7CR	01	1	TQ2	E4		31B		
51566		XA340	63		XA339	78				16B	9	P	MXR7CS	04	KMR7CB	02	1	TQ2	E4		33B		
51567		XA339	78		XA329	71				16B	9		KMR7CB	05	MXAD7A	01	2	TQ2	F4		38A		
51568		XA329	71		XA237	46				16B	9		KMR7CB	06	MD07BI	01	1	TDD	MI		36A		
61783		XA237	46		XA134	04				16B	9		KMR7CB	07	KXR0PPR	01	8	PAR	D1		21A		
61781		XA134	04		XA133	20				16B	9		KMR7CB	08	KXRAEQT	01	1	DBC	A1		07A		
61782		XA133	20		XA138	59				16B	9		KMR7CB	09	KXR09OT	01	1	DBC	B1		10A		
61784		XA138	59		XA139	63				16B	9		KMR7CB	10	KXR7CR	01	1	TQ2	E4		31B		
61785		XA139	63		XA128	71				16B	9	P	KXR7CS	11	KMR7CB	01	1	TQ2	E4		33B		
61786		XA128	71										KMR7CB	12	KD07BI	01	1	TDD	MI		36A		
61955		XA237	39		XA129	49				16B	9		KMXCIB	01	KXDSBPR	02	1	PAR	C1		19B		
64223		XA129	49		XA116	52				16B	9	P	KXXCIQ	02	KMXCIB	01	1	TDD	GQ		26B	A01	
61957		XA116	52		XA116	68				16B	9		KMXCIB	03	KXDBOTA	01	3	MUX	D1		25A		
61958		XA116	68		XA319	52				16B	9		KMXCIB	04	KXDB4TA	01	3	MUX	E1		33A		
51729		XA319	52		XA319	68				16B	9		KMXCIB	05	MXDBOTA	01	3	MUX	D1		25A		
51730		XA319	68		XA321	78				16B	9		KMXCIB	06	MXDB4TA	01	3	MUX	E1		33A		
64485		XA321	78									P	MXXCIQ	07	KMXCIB	02	1	TDD	LQ		38A	A01	
61808		XA143	11		XA142	11				16B	9		KM031B	01	KXA0COX	01	1	DCF	A2		04B		
61809		XA142	11		XA134	70				16B	9		KM031B	02	KXB0COX	01	1	DCF	A2		04B		
61811		XA134	70		XA237	31				16B	9	P	KXS031U	03	KM031B	01	1	DBC	E1		34A		
61810		XA237	31		XA345	11				16B	9		KM031B	04	KXDSBPR	01	1	PAR	C1		15B		
51593		XA345	11		XA344	11				16B	9		KM031B	05	MXA0COX	01	1	DCF	A2		04B		
51594		XA344	11		XA335	70				16B	9		KM031B	06	KXB0COX	01	1	DCF	A2		04B		
51595		XA335	70									P	MXS031U	07	KM031B	02	1	DBC	E1		34A		
61812		XA143	13		XA142	13				16B	9		KM032B	01	KXA1COX	01	1	DCF	A4		05B		
61813		XA142	13		XA134	72				16B	9		KM032B	02	KXB1COX	01	1	DCF	A4		05B		
61815		XA134	72		XA237	33				16B	9	P	KXS032U	03	KM032B	01	1	DBC	E2		35A		
61814		XA237	33		XA345	13				16B	9		KM032B	04	KXDSBPR	01	2	PAR	C1		16B		
51596		XA345	13		XA344	13				16B	9		KM032B	05	MXA1COX	01	1	DCF	A4		05B		
51597		XA344	13		XA335	72				16B	9		KM032B	06	MXB1COX	01	1	DCF	A4		05B		
51598		XA335	72									P	MXS032U	07	KM032B	02	1	DBC	E2		35A		
61816		XA143	08		XA142	08				16B	9		KM033B	01	KXA2COX	01	1	DCF	A6		06A		
61817		XA142	08		XA134	74				16B	9		KM033B	02	KXB2COX	01	1	DCF	A6		06A		
61819		XA134	74		XA237	35				16B	9	P	KXS033U	03	KM033B	01	1	DBC	E3		36A		
61818		XA237	35		XA345	08				16B	9		KM033B	04	KXDSBPR	01	3	PAR	C1		17B		
51599		XA345	08		XA344	08				16B	9		KM033B	05	MXA2COX	01	1	DCF	A6		06A		
51600		XA344	08		XA335	74				16B	9		KM033B	06	MXB2COX	01	1	DCF	A6		06A		
51601		XA335	74									P	MXS033U	07	KM033B	02	1	DBC	E3		36A		
61820		XA134	76		XA142	04				16B	9	P	KXS034U	01	KM034B	01	1	DBC	E4		37A		
61822		XA142	04		XA143	04				16B	9		KM034B	02	KXB3COX	01	1	DCF	A8		04A		
61823		XA143	04		XA237	37				16B	9		KM034B	03	KXA3COX	01	1	DCF	A8		04A		
61821		XA237	37		XA345	04				16B	9		KM034B	04	KXDSBPR	01	4	PAR	C1		18B		
51602		XA345	04		XA344	04				16B	9		KM034B	05	MXA3COX	01	1	DCF	A8		04A		
51603		XA344	04		XA335	76				16B	9		KM034B	06	MXB3COX	01	1	DCF	A8		04A		
51604		XA335	76									P	MXS034U	07	KM034B	02	1	DBC	E4		37A		

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DRAWING NUMBER 149016-800 STRING UNIT ASSEMBLY NO. 149016 REV E INDEX KM034B
 UNIT ASSEMBLY NAME CARD CAGE ASSY,A,IFCU FILE IDENT T39C1FC6 DATE 09-03-82 PAGE 33

RECORD NUMBER	FROM				TO				WIRE				SFC INST WISC	SIGNAL	SEQ NO	EQUATION	TERM	FACTOR	CKT OR CHIP TYPE	GROUP	LOAD OR POWER PLANE	TEST POINTS		SIGNAL DESCRIPTION	ECO NO
	PREFIX	CONNECTOR	PIN	DR FC	PREFIX	CONNECTOR	PIN	DR FC	MULTI GROUP	CODE	COLOR	IDENT										AND	OR		
61824		XA143	31			XA142	31			16B	9			KM471B	01	KXA4COX	01	1	DCF	B2		12B			
61825		XA142	31			XA133	70			16B	9			KM471B	02	KXB4COX	01	1	DCF	B2		12B			
61827		XA133	70			XA237	38			16B	9		P	KXS471U	03	KM471B	01	1	DBC	E1		34A			
61826		XA237	38			XA345	31			16B	9			KM471B	04	KXDSBPR	01	5	PAR	C1		18A			
51605		XA345	31			XA344	31			16B	9			KM471B	05	MXA4COX	01	1	DCF	B2		12B			
51606		XA344	31			XA334	70			16B	9			KM471B	06	MXB4COX	01	1	DCF	B2		12B			
51607		XA334	70										P	MXS471U	07	KM471B	02	1	DBC	E1		34A			
61828		XA133	72			XA142	33			16B	9		P	KXS472U	01	KM472B	01	1	DBC	E2		35A			
61830		XA142	33			XA143	33			16B	9			KM472B	02	KXB5COX	01	1	DCF	B4		13B			
61831		XA143	33			XA237	36			16B	9			KM472B	03	KXA5COX	01	1	DCF	B4		13B			
61829		XA237	36			XA345	33			16B	9			KM472B	04	KXDSBPR	01	6	PAR	C1		17A			
51608		XA345	33			XA344	33			16B	9			KM472B	05	MXA5COX	01	1	DCF	B4		13B			
51609		XA344	33			XA334	72			16B	9			KM472B	06	MXB5COX	01	1	DCF	B4		13B			
51610		XA334	72										P	MXS472U	07	KM472B	02	1	DBC	E2		35A			
61832		XA143	38			XA142	38			16B	9			KM473B	01	KXA6COX	01	1	DCF	B6		14A			
61833		XA142	38			XA133	74			16B	9			KM473B	02	KXB6COX	01	1	DCF	B6		14A			
61835		XA133	74			XA237	34			16B	9		P	KXS473U	03	KM473B	01	1	DBC	E3		36A			
61834		XA237	34			XA345	38			16B	9			KM473B	04	KXDSBPR	01	7	PAR	C1		16A			
51611		XA345	38			XA344	38			16B	9			KM473B	05	MXA6COX	01	1	DCF	B6		14A			
51612		XA344	38			XA334	74			16B	9			KM473B	06	MXB6COX	01	1	DCF	B6		14A			
51613		XA334	74										P	MXS473U	07	KM473B	02	1	DBC	E3		36A			
61836		XA133	76			XA142	34			16B	9		P	KXS474U	01	KM474B	01	1	DBC	E4		37A			
61838		XA142	34			XA143	34			16B	9			KM474B	02	KXB7COX	01	1	DCF	B8		12A			
61839		XA143	34			XA237	30			16B	9			KM474B	03	KXA7COX	01	1	DCF	B8		12A			
61837		XA237	30			XA345	34			16B	9			KM474B	04	KXDSBPR	01	8	PAR	C1		15A			
51614		XA345	34			XA344	34			16B	9			KM474B	05	MXA7COX	01	1	DCF	B8		12A			
51615		XA344	34			XA334	76			16B	9			KM474B	06	MXB7COX	01	1	DCF	B8		12A			
51616		XA334	76										P	MXS474U	07	KM474B	02	1	DBC	E4		37A			
64592		XA348	78			XA450	79			16B	9			KNCRKA1	01				SHT					B04	
64840		XA450	79											KNCRKA1	02				EXT						C07
65633		XA450	80			XA135	67			16B	9			KNCRKA1R	03				EXT						C07
65634		XA135	67											KNCRKA1R	04				TQ2				40A		C07
63735		XA113	59			XA115	42			16B	9			KNULLA	01	KNULLA	00	1	TS8	E1		31B			E02
62167		XA115	42											KNULLA	02	KPOUTA	01	4	TD4	C1		20A			E02
61066		XA125	21			XA123	47			16B	9			KPBZY0	01	KPBZY0	00	1	TD4	B2		10B	TTY HARDWARE BUSY		
61067		XA123	47			XA116	77			16B	9			KPBZY0	02	KBUSYA	01	1	TQ2	D4		25B			
61068		XA116	77											KPBZY0	03	KXDB4TB	01	2	MUX	E2		36B			
61069		XA122	19			XA116	36			16B	9			KPDTX1X	01	KPDT9A	01	2	TQ2	B3		09B			
61070		XA116	36											KPDTX1X	02	KPDTX1X	00	1	MUX	C1		17A	PARALLEL TO SERIAL		
										****	SIGNAL			KPDT8A		IS ON THE			NEXT PAGE		****				

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DRAWING NUMBER
UNIT ASSEMBLY NAME

149016-800
CARD CAGE ASSY,A,IFCU

STRING

UNIT ASSEMBLY NO.
FILE IDENT

149016
T39CIFC6

REV E
DATE 09-03-82

INDEX KPDT8A
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RECORD NUMBER	FROM				TO				WIRE				SIGNAL	SEQ NO	EQUATION	TERM	FACTOR	CKT OR CHIP TYPE	GROUP	LOAD OR POWER PLANE	TEST POINTS AND/OR	SIGNAL DESCRIPTION	ECO NO		
	PREFIX	CONNECTOR	PIN	SH FC	PREFIX	CONNECTOR	PIN	SH FC	MULTI GROUP	CODE	COLOR	IDENT													
61071 62213		XA124	19			XA120	17			16B	9			KPDT8A KPDT8A	01 02	KPDT8A KPDT90	00 1 01 2	TT3 TT3	B2 B2		09B 08B		A01 A01		
61073 62334		XA122	21			XA120	14			16B	9			KPDT9A KPDT9A	01 02	KPDT9A KPDT90	00 1 01 1	TQ2 TT3	B3 B2		10B 09A		A01 A01		
61075 63761		XA118	24			XA120	19			16B	9			KPDT90 KPDT90	01 02	KPOUTI KPDT90	01 1 00 1	TOD TT3	CI B2		13A 09B	SERIAL OUTPUT DATA	A01		
61077 61078		XA116	64			XA118	31			16B	9			KPETXQ KPEXQ	01 02	KXDB0TD KPEXQ	01 2 00 1	MUX TDD	D4 FQ		30A 15B	EXT ON INPUT COMMA			
61079 61080		XA116	56			XA118	37			16B	9			KPE0BQ KPE0BQ	01 02	KXDB0TC KPE0BQ	01 2 00 1	MUX TDD	D3 FQ		28B 18B	EOB ON INPUT COMMA			
61081 61082		XA131	59			XA113	74			16B	9			KPINTA KPINTA	01 02	KPINTA KINT10	00 1 01 4	TS8 TS8	E1 F1		31B 35B	EOB INTERRUPT ON			
61083 61084		XA121	69			XA122	76			16B	9			KPRQPA KPRQPA	01 02	KPRQPA KPRQPA	00 1 01 1	TQ2 TQ2	F3 F4		35A 37A				
61085 61086		XA116	71			XA122	80			16B	9			KPRQPO KPRQPO	01 02	KXDB4TA KPRQPO	01 2 00 1	MUX TQ2	E1 F4		33B 39A	REQUEST PENDING ON			
61087 61088		XA123	29			XA115	35			16B	9			KPOUTA KPOUTA	01 02	KPOUTO KPOUTA	01 1 00 1	TQ2 TD4	C3 C1		14B 17B				
64821 64179		XA348	48			XA450	73			16B	9			KPOUTB KPOUTB	01 02									D03 D03	
60551 64169 64168		XA143	59			XA450	74			16B	9			KPOUTDXR KPOUTDXR KPOUTDXR	01 02 03										B04 B04
64819 61089 61090		XA348	46			XA143	61			16B	9			KPOUTDX4 KPOUTDX4 KPOUTDX4	01 015 02	KPOUTDX4	00 1	SHT DCF RR4	D7 D3		33A	OUTPUT DATA TO TTY		D03	
61091 61092		XA143	70			XA118	25			16B	9			KPOUTQ KPOUTQ	01 02	KPOUTOX KPOUTQ	01 1 00 1	DCF TDD	D8 CQ		35A 12B	SERIAL DATA OUTPUT			
61093 61094 61095		XA124	14			XA122	17			16B	9			KPOUTO KPOUTO KPOUTO	01 02 03	KPDT8A KPDT9A KPOUTO	01 1 01 1 00 1	TT3 TQ2 TQ2	B2 B3 C3		09A 08B 16B	OUTPUT TO TTY ENAB			
61096 61097		XA120	80			XA119	65			16B	9			KRTDEA KRTDEA	01 02	KRTDEA KXXDDO	00 1 01 1	TT3 TQ2	F3 F3		39A 34B	INPUT COMMAND STAR	A01		
61100 61101		XA113	71			XA132	74			16B	9			KSC11A KSC11A	01 02	KINT10 KSC11A	01 1 00 1	TS8 TT3	F1 F2		36A 35B	NOT BUSY COMMAND			

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DRAWING NUMBER		149016-800		STRING		UNIT ASSEMBLY NO.		149016		REV		E		INDEX		KSCI1A									
UNIT ASSEMBLY NAME		CARD CAGE ASSY,A,IFCU				FILE IDENT		T39CIFC6		DATE		09-03-82		PAGE		35									
RECORD NUMBER	PREFIX	CONNECTOR	PIN	SR PG	PREFIX	CONNECTOR	PIN	SR PG	MULTI GROUP	CODE	COLOR	IDENY	SFC INE MISC	SIGNAL	SEQ NO	EQUATION	TERM	FACT	NO. OR CHIP TYPE	GROUP	POWER PLANE	TEST POINTS AND/OR	SIGNAL DESCRIPTION	ECO NO	
61102		XA123	42																						
61103		XA114	59			XA114	59			16B	9			KSNCOA	01	KSNC1S	01	2	TQ2	C1		20A			
		XA114	59											KSNCOA	02	KSNCOA	00	1	TS8	E1		31B			
61104		XA125	14			XA124	15			16B	9			KSNCOR	01	KPBZY0	01	1	TD4	B2		09A			
61105		XA124	15			XA123	03			16B	9			KSNCOR	02	KSNCOR	00	1	TT3	A3		07B			
61106		XA123	03											KSNCOR	03	KSNCOS	01	1	TQ2	A3		02A			
61107		XA114	55			XA123	09			16B	9			KSNCOS	01	KSNCOA	01	1	TS8	E1		29B			
61108		XA123	09			XA124	09			16B	9			KSNCOS	02	KSNCOS	00	1	TQ2	A3		04B	DEVICE COMMAND SYN		
61109		XA124	09											KSNCOS	03	KSNCOR	01	1	TT3	A3		04B			
61110		XA122	22			XA124	40			16B	9			KSNC1A	01	KSNC1A	00	1	TQ2	B1		12A			
61111		XA124	40											KSNC1A	02	KSNC1R	01	2	TT3	C1		19A			
61112		XA123	23			XA123	40			16B	9			KSNC1R	01	KSNC3A	01	1	TQ2	B4		11B			
61113		XA123	40			XA124	36			16B	9			KSNC1R	02	KSNC1S	01	1	TQ2	C1		12A			
61114		XA124	36											KSNC1R	03	KSNC1R	00	1	TT3	C1		17A			
61115		XA126	48			XA124	38			16B	9			KSNC1S	01	KSNC2A	01	1	TQ2	D2		22A			
61116		XA124	38			XA123	38			16B	9			KSNC1S	02	KSNC1R	01	1	TT3	C1		18A			
61117		XA123	38			XA115	14			16B	9			KSNC1S	03	KSNC1S	00	1	TQ2	C1		18A	DEVICE COMMAND SYN		
61118		XA115	14											KSNC1S	04	KBSYOA	01	1	TD4	B2		09A			
61119		XA120	65			XA123	36			16B	9			KSNC2A	01	KRS00	01	1	TT3	F2		34B			
61120		XA123	36			XA126	46			16B	9			KSNC2A	02	KSNC2S	01	2	TQ2	C2		17A			
61121		XA126	46											KSNC2A	03	KSNC2A	00	1	TQ2	D2		21A			
61122		XA124	31			XA123	34			16B	9			KSNC2R	01	KSNC2R	00	1	TT3	C2		15B			
61123		XA123	34			XA114	60			16B	9			KSNC2R	02	KSNC2S	01	1	TQ2	C2		16A			
61124		XA114	60											KSNC2R	03	KSNCOA	01	2	TS8	E1		28A			
61125		XA132	65			XA125	77			16B	9			KSNC2S	01	KSCI1A	01	1	TT3	F2		34B			
61126		XA125	77			XA124	29			16B	9			KSNC2S	02	KAIN0A	01	2	TD4	F1		38B			
61127		XA124	29			XA123	30			16B	9			KSNC2S	03	KSNC2R	01	1	TT3	C2		14B			
61128		XA123	30			XA122	24			16B	9			KSNC2S	04	KSNC2S	00	1	TQ2	C2		15A	DEVICE COMMAND SYN		
61129		XA122	24			XA115	24			16B	9			KSNC2S	05	KSNC1A	01	1	TQ2	B1		13A			
61130		XA115	24											KSNC2S	06	KAENO A	01	2	TD4	B1		13A			
61131		XA124	30			XA123	27			16B	9			KSNC3A	01	KSNC2R	01	2	TT3	C2		15A			
61132		XA123	27											KSNC3A	02	KSNC3A	00	1	TQ2	B4		13B			
61133		XA119	72			XA118	36			16B	9			KRS0A	01	KRS0A	00	1	TQ2	F2		34A			
61134		XA118	36			XA118	38			16B	9			KRS0A	02	KPETXP	01	1	TDD	FP		17A			
61135		XA118	38			XA117	38			16B	9			KRS0A	03	KPEOBP	01	1	TDD	EP		18A			
61136		XA117	38											KRS0A	04	KCDERP	01	1	TDD	EP		18A			
61137		XA119	71			XA120	74			16B	9			KRS00	01	KRS0A	01	1	TQ2	F2		36A			
61138		XA120	74											KRS00	02	KRS00	00	1	TT3	F2		35B	RESET. ERROR/STATUS		

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 UNIT ASSEMBLY NAME CARD CAGE ASSY,A,IFCU FILE IDENT T39CIFC6 DATE 09-03-82 PAGE 36

RECORD NUMBER	FROM				TO				WIRE				SIGNAL	SEQ NO	EQUATION	TERM	FACTOR	CKT OR CHIP TYPE	GROUP	LOAD OR POWER PLANE	TEST POINTS AND OR	SIGNAL DESCRIPTION	ECO NO	
	PREFIX	CONNECTOR	PIN	TYPE	PREFIX	CONNECTOR	PIN	TYPE	MULTI GROUP	CODE	COLOR	IDENT												SPR. LIST WIRE
61139		XA127	21		XA123	07				16B	9		KSYN1A	01	KSYN1A	00	1	TQ2	B3		10B	START NEW INPUT OR		
61140		XA123	07		XA115	71				16B	9		KSYN1A	02	KSNCOS	01	2	TQ2	A3		03A			
61141		XA115	71										KSYN1A	03	KXXCIO	01	1	TD4	F2		36A			
61142		XA126	14		XA127	17				16B	9		KSYN10	01	KSYN10	00	1	TQ2	B2		09A			
61143		XA127	17										KSYN10	02	KSYN1A	01	1	TQ2	B3		08B			
61144		XA139	42		XA140	30				16B	9		KXACMB4	01	KXRCMS	01	2	TQ2	C1		20A			
61145		XA140	30		XA141	30				16B	9	P	KXBCMD	02	KXACMB4	02	1	TLD	C2		15A	PORT A/B COMMAND		
61146		XA141	30		XA144	17				16B	9	P	KXACMD	03	KXACMB4	01	1	TLD	C2		15A	PORT A/B COMMAND		
61147		XA144	17										KXACMB4	04				RR4	B4					
61148		XA141	30									J	KXACMD	01	KXACMD	00	1	TLD	C2		15A	KXACMB4 BUSS		
63813		XA143	46									J	KXACMDX	01	KXACMDX	00	1	DCF	C1		25B	MBCMAB BUSS		
61149		XA132	22		XA141	36				16B	9		KXACMOX	01	KXARSA	01	1	TT3	B1		12A			
61150		XA141	36		XA143	47				16B	9		KXACMOX	02	KXACMD	01	2	TLD	C2		17A			
61151		XA143	47										KXACMOX	03	KXACMOX	00	1	DCF	C2		26B			
61152		XA139	36		XA140	33				16B	9		KXAENB4	01	KXRENS	01	2	TQ2	C2		17A			
61153		XA140	33		XA141	33				16B	9	P	KXBEND	02	KXAENB4	02	1	TLD	C3		16B	PORT A/B ENABLE LI		
61154		XA141	33		XA144	19				16B	9	P	KXAEND	03	KXAENB4	01	1	TLD	C3		16B	PORT A/B ENABLE LI		
61155		XA144	19										KXAENB4	04				RR4	B5					
61156		XA141	33									J	KXAEND	01	KXAEND	00	1	TLD	C3		16B	KXAENB4 BUSS		
63814		XA143	55									J	KXAENDX	01	KXAENDX	00	1	DCF	C3		30B	MBENAB BUSS		
61157		XA132	24		XA141	31				16B	9		KXAENOX	01	KXARSA	01	2	TT3	B1		13A			
61158		XA141	31		XA143	56				16B	9		KXAENOX	02	KXAEND	01	2	TLD	C3		15B			
61159		XA143	56										KXAENOX	03	KXAENOX	00	1	DCF	C4		29B			
61160		XA139	04		XA139	03				16B	9		KXAIEA	01	KXAIEO	01	1	TQ2	A2		04A			
61161		XA139	03		XA138	06				16B	9		KXAIEA	02	KXAIFO	01	1	TQ2	A3		02A			
61162		XA138	06										KXAIEA	03	KXAIEA	00	1	TQ2	A1		05A			
61163		XA141	23		XA141	24				16B	9		KXAIEO	01	KXA7CD	01	1	TLD	B4		11B			
61164		XA141	24		XA141	18				16B	9		KXAIEO	02	KXA4CD	01	1	TLD	B1		13A			
61165		XA141	18		XA141	17				16B	9		KXAIEO	03	KXA5CD	01	1	TLD	B2		10A			
61166		XA141	17		XA141	11				16B	9		KXAIEO	04	KXA6CD	01	1	TLD	B3		08B			
61167		XA141	11		XA141	08				16B	9		KXAIEO	05	KXA3CD	01	1	TLD	A4		05B			
61168		XA141	08		XA141	04				16B	9		KXAIEO	06	KXA0CD	01	1	TLD	A1		06A			
61169		XA141	04		XA141	03				16B	9		KXAIEO	07	KXA1CD	01	1	TLD	A2		04A			
61170		XA141	03		XA139	01				16B	9		KXAIEO	08	KXA2CD	01	1	TLD	A3		02A			
61171		XA139	01										KXAIEO	09	KXAIEO	00	1	TQ2	A2		02B	PORT A DATA RECEIV		
61172		XA139	09		XA141	29				16B	9		KXAIFO	01	KXAIFO	00	1	TQ2	A3		04B			
										****	SIGNAL	{KXAIFO}	IS ON THE NEXT PAGE										****	

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DRAWING NUMBER
UNIT ASSEMBLY NAME

149016-800
CARD CAGE ASSY,A,IFCU

STRING

UNIT ASSEMBLY NO.
FILE IDENT

149016
T39C1FC6

REV E
DATE 09-03-82

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RECORD NUMBER	FROM				TO				WIRE				SIGNAL	SEQ NO	EQUATION	TERM	FACTOR	CAT OR CHIP TYPE	GROUP	LOAD OR POWER PLANE	TEST POINTS AND/OR	SIGNAL DESCRIPTION	P.C. NO
	PREFIX	CONNECTOR	PIN	DRFC	PREFIX	CONNECTOR	PIN	DRFC	MULTI GROUP	CODE	COLOR	IDENT											
61173		XA141	29		XA141	34				16B	9		KXAIF0	02	KXAEND	01	1	TLD	C3		14B		
61174		XA141	34		XA141	40				16B	9		KXAIF0	03	KXACMD	01	1	TLD	C2		16A		
61175		XA141	40										KXAIF0	04	KXAPCD	01	1	TLD	C1		19A		
63815		XA143	60									J	KXAINDX	01	KXAINDX	00	1	DCF	C5		31B	MBINAB BUSS	
61176		XA144	36		XA141	38				16B	9		KXAPCB4	01				RR4	C1				
61177		XA141	38		XA140	38				16B	9	P	KXAPCD	02	KXAPCB4	01	1	TLD	C1		18A	PORT A/B PARITY LI	
61178		XA140	38		XA139	31				16B	9	P	KXBPCD	03	KXAPCB4	02	1	TLD	C1		18A	PORT A/B PARITY LI	
61179		XA139	31										KXAPCB4	04	KXRPCS	01	2	TQ2	C3		15B		
61180		XA141	38									J	KXAPCD	01	KXAPCD	00	1	TLD	C1		18A	KXAPCB4 BUSS	
63817		XA143	43									J	KXAPCDX	01	KXAPCDX	00	1	DCF	C7		25A	MBOPAB BUSS	
61181		XA141	42		XA143	48				16B	9		KXAPCOX	01	KXAPCD	01	2	TLD	C1		20A		
61182		XA143	48										KXAPCOX	02	KXAPCOX	00	1	DCF	C8		26A		
61183		XA127	68		XA137	59				16B	9		KXARQA	01	KXARQ0	01	1	TQ2	E1		32A		
61184		XA137	59										KXARQA	02	KXARQA	00	1	TD4	E1		31B		
61185		XA141	35		XA127	66				16B	9		KXARQ0	01	KXAR4D1	01	1	TLD	C4		17B		
61186		XA127	66										KXARQ0	02	KXARQ0	00	1	TQ2	E1		31A	PORT A REQUEST	
61187		XA131	19		XA132	20				16B	9		KXARSA	01	KXST20	01	3	TS8	B1		09B		
61188		XA132	20										KXARSA	02	KXARSA	00	1	TT3	B1		11A	PORT A IOU RESET	
63818		XA141	39		XA243	05				16B	9		KXAR4D1	01	KXAR4D1	00	1	TLD	C4		19B	PORT A REQUEST	
64841		XA243	05		XA248	25				16B	9		KXAR4D1	02				RR1	A1				
64183		XA248	25										KXAR4D1	03				SHT					B04
61189		XA127	47		XA138	22				16B	9		KXASLA	01	KXONL0	01	1	TQ2	D4		25B		
61190		XA138	22										KXASLA	02	KXASLA	00	1	TQ2	B1		12A	PORT A SELECT	
65112		XA142	65		XA344	65				16B	9	P	KXASLDX	02	KXASLB	01	1	DCF	D1		32B		C01
65117		XA344	65		XA348	25				16B	9	P	MXASLDX	03	KXASLB	02	1	DCF	D1		32B	PORT A SELECT REFC	C01
64807		XA348	25										KXASLB	05				SHT					B04
65551		XA344	67		XA348	16				16B	9		KXASLBG	01				DCF					A02
65552		XA348	16										KXASLBG	02				SHT					B04
61192		XA142	65									J	KXASLDX	01	KXASLDX	00	1	DCF	D1		32B	KXASLB BUSS	C01
61193		XA143	71		XA142	69				16B	9		KXASLOX	01	KXASTOX	01	1	DCF	D2		34B		
61194		XA142	69		XA137	61				16B	9		KXASLOX	02	KXASLOX	00	1	DCF	D2		33B		
61195		XA137	61		XA138	24				16B	9		KXASLOX	03	KXARQA	01	1	TD4	E1		32B		
61196		XA138	24		XA138	08				16B	9		KXASLOX	04	KXASLA	01	1	TQ2	B1		13A		
61197		XA138	08		XA137	06				16B	9		KXASLOX	05	KXAIEA	01	1	TQ2	A1		06A		
61198		XA137	06		XA132	26				16B	9		KXASLOX	06	KXA0EA	01	1	TD4	A1		05A		
61199		XA132	26										KXASLOX	07	KXARSA	01	3	TT3	B1		14A		

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DRAWING NUMBER 149016-800 STRING UNIT ASSEMBLY NO. 149016 REV E INDEX KXASL0X
 UNIT ASSEMBLY NAME CARD CAGE ASSY,A,IFCU FILE IDENT T39C1FC6 DATE 09-03-82 PAGE 38

RECORD NUMBER	FROM				TO				WIRE				SIGNAL	SEQ NO	EQUATION	TERM	FACTOR	CKT OR CH: P TYPE	GROUP	LOAD OR POWER PLANE	TEST POINTS AND OR	SIGNAL DESCRIPTION	ECO NO	
	PREFIX	CONNECTOR	PIN	SH PG	PREFIX	CONNECTOR	PIN	SH PG	MULTI GROUP	CODE	COLOR	IDENT												SPC DET MISC
61200		XA144	38																					
65113		XA143	65		XA143	65				16B	9													
65118		XA345	65		XA345	65				16B	9	P	KXASTB	01	KXASTB	01	1	DCF	D1			32B		
51030		XA346	38		XA346	38				16B	9	P	MXASTDX4	03	KXASTB	02	1	DCF	D1			32B	A02	
64809		XA348	30		XA348	30				16B	9		KXASTB	04				RR4	C2				A01	
														05				SHT					B04	
65553		XA345	67		XA348	16				16B	9		KXASTB8G	01				DCF					A02	
65554		XA348	16										KXASTB8G	02				SHT					B04	
61201		XA143	65									J	KXASTDX4	01	KXASTDX400	1	DCF	D1				32B	KXASTB BUSS	
61202		XA139	56		XA140	06				16B	9		KXAOCB4	01	KXROCS	01	2	TQ2	D1			26A		
61203		XA140	06		XA141	06				16B	9	P	KXB0CD	02	KXAOCB4	02	1	TLD	A1			05A	PORT A/B DATA LINE	
61204		XA141	06		XA144	08				16B	9	P	KXA0CD	03	KXAOCB4	01	1	TLD	A1			05A	PORT A/B DATA LINE	
61205		XA144	08										KXAOCB4	04				RR4	A1					
61206		XA141	06									J	KXA0CD	01	KXA0CD	00	1	TLD	A1			05A	KXAOCB4 BUSS	
63820		XA143	07									J	KXA0CDX	01	KXA0CDX	00	1	DCF	A1			02B	MBO0AB BUSS	
61207		XA141	10		XA143	09				16B	9		KXA0COX	01	KXA0CD	01	2	TLD	A1			07A		
61208		XA143	09										KXA0COX	02	KXA0COX	00	1	DCF	A2			03B		
61209		XA143	52		XA143	36				16B	9		KXA0EA	01	KXACMDX	01	1	DCF	C1			29A		
61210		XA143	36		XA143	06				16B	9		KXA0EA	02	KXA4CDX	01	1	DCF	B1			13A		
61211		XA143	06		XA137	11				16B	9		KXA0EA	03	KXA0CDX	01	1	DCF	A1			05A		
61212		XA137	11										KXA0EA	04	KXA0EA	00	1	TQ4	A1			05B	PORT A DATA SEND	
61213		XA144	10		XA141	01				16B	9		KXA1CB4	01				RR4	A2					
61214		XA141	01		XA140	01				16B	9	P	KXA1CD	02	KXA1CB4	01	1	TLD	A2			02B		
61215		XA140	01		XA139	50				16B	9	P	KXB1CD	03	KXA1CB4	02	1	TLD	A2			02B		
61216		XA139	50										KXA1CB4	04	KXR1CS	01	2	TQ2	D2			23A		
61217		XA141	01									J	KXA1CD	01	KXA1CD	00	1	TLD	A2			02B	KXA1CB4 BUSS	
63830		XA143	17									J	KXA1CDX	01	KXA1CDX	00	1	DCF	A3			07B	MBO1AB BUSS	
61218		XA141	05		XA143	15				16B	9		KXA1COX	01	KXA1CD	01	2	TLD	A2			03B		
61219		XA143	15										KXA1COX	02	KXA1COX	00	1	DCF	A4			06B		
61220		XA139	43		XA140	09				16B	9		KXA2CB4	01	KXR2CS	01	2	TQ2	D3			23B		
61221		XA140	09		XA141	09				16B	9	P	KXB2CD	02	KXA2CB4	02	1	TLD	A3			04B		
61222		XA141	09		XA144	05				16B	9	P	KXA2CD	03	KXA2CB4	01	1	TLD	A3			04B		
61223		XA144	05										KXA2CB4	04				RR4	A3					
61224		XA141	09									J	KXA2CD	01	KXA2CD	00	1	TLD	A3			04B	KXA2CB4 BUSS	
63831		XA143	14									J	KXA2CDX	01	KXA2CDX	00	1	DCF	A5			08B	MBO2AB BUSS	

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DRAWING NUMBER
UNIT ASSEMBLY NAME

149016-800
CARD CAGE ASSY,A,IFCU

STRING

UNIT ASSEMBLY NO.
FILE IDENT

149016
T39C1FC6

REV
DATE

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RECORD NUMBER	FROM				TO				WIRE				SFC INST MISC	SIGNAL	SEQ NO	EQUATION	TERM	FACTOR	CKT OR CHIP TYPE	GROUP	LOAD CR POWER PLANE	TEST POINTS AND OR	SIGNAL DESCRIPTION	ECO NO
	PREFIX	CONNECTOR	PIN	SFC	PREFIX	CONNECTOR	PIN	SFC	MULTI GROUP	CODE	COLOR	IDEN												
61225		XA141	07		XA143	10				16B	9		KXA2COX	01	KXA2CD	01	2	TLD	A3		03A			
61226		XA143	10										KXA2COX	02	KXA2COX	00	1	DCF	A6		07A			
61227		XA144	07		XA141	15				16B	9		KXA3CB4	01				RR4	A4					
61228		XA141	15		XA140	15				16B	9	P	KXA3CD	02	KXA3CB4	01	1	TLD	A4		07B			
61229		XA140	15		XA139	49				16B	9	P	KXB3CD	03	KXA3CB4	02	1	TLD	A4		07B			
61230		XA139	49										KXA3CB4	04	KXR3CS	01	2	TQ2	D4		26B			
61231		XA141	15									J	KXA3CD	01	KXA3CD	00	1	TLD	A4		07B	KXA3CB4 BUSS		
63832		XA143	01									J	KXA3CDX	01	KXA3CDX	00	1	DCF	A7		02A	MBO3AB BUSS		
61232		XA141	13		XA143	03				16B	9		KXA3COX	01	KXA3CD	01	2	TLD	A4		06B			
61233		XA143	03										KXA3COX	02	KXA3COX	00	1	DCF	A8		03A			
61234		XA144	09		XA141	22				16B	9		KXA4CB4	01				RR4	A5					
61235		XA141	22		XA140	22				16B	9	P	KXA4CD	02	KXA4CB4	01	1	TLD	B1		12A			
61236		XA140	22		XA139	70				16B	9	P	KXB4CD	03	KXA4CB4	02	1	TLD	B1		12A			
61237		XA139	70										KXA4CB4	04	KXR4CS	01	2	TQ2	E1		33A			
61238		XA141	22									J	KXA4CD	01	KXA4CD	00	1	TLD	B1		12A	KXA4CB4 BUSS		
63833		XA143	27									J	KXA4CDX	01	KXA4CDX	00	1	DCF	B1		10B	MBO4AB BUSS		
61239		XA141	26		XA143	29				16B	9		KXA4COX	01	KXA4CD	01	2	TLD	B1		14A			
61240		XA143	29										KXA4COX	02	KXA4COX	00	1	DCF	B2		11B			
61241		XA144	20		XA141	14				16B	9		KXA5CB4	01				RR4	B1					
61242		XA141	14		XA140	14				16B	9	P	KXA5CD	02	KXA5CB4	01	1	TLD	B2		09A			
61243		XA140	14		XA139	64				16B	9	P	KXB5CD	03	KXA5CB4	02	1	TLD	B2		09A			
61244		XA139	64										KXA5CB4	04	KXR5CS	01	2	TQ2	E2		30A			
61245		XA141	14									J	KXA5CD	01	KXA5CD	00	1	TLD	B2		09A	KXA5CB4 BUSS		
63834		XA143	37									J	KXA5CDX	01	KXA5CDX	00	1	DCF	B3		15B	MBO5AB BUSS		
61246		XA141	20		XA143	35				16B	9		KXA5COX	01	KXA5CD	01	2	TLD	B2		11A			
61247		XA143	35										KXA5COX	02	KXA5COX	00	1	DCF	B4		14B			
61248		XA144	26		XA141	21				16B	9		KXA6CB4	01				RR4	B2					
61249		XA141	21		XA140	21				16B	9	P	KXA6CD	02	KXA6CB4	01	1	TLD	B3		10B			
61250		XA140	21		XA139	55				16B	9	P	KXB6CD	03	KXA6CB4	02	1	TLD	B3		10B			
61251		XA139	55										KXA6CB4	04	KXR6CS	01	2	TQ2	E3		29B			
61252		XA141	21									J	KXA6CD	01	KXA6CD	00	1	TLD	B3		10B	KXA6CB4 BUSS		
63835		XA143	41									J	KXA6CDX	01	KXA6CDX	00	1	DCF	B5		16A	MBO6AB BUSS		
										****	SIGNAL	{	KXA6COX	}	IS ON THE	NEXT PAGE	****							

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DRAWING NUMBER 149016-800 STRING UNIT ASSEMBLY NO. 149016 REV E INDEX KXAC0X
 UNIT ASSEMBLY NAME CARD CAGE ASSY,A,IFCU FILE IDENT T39C1FC6 DATE 09-03-82 PAGE 40

RECORD NUMBER	FROM				TO				WIRE		SIGNAL	SEG NO	EQUATION	TRK	PART	PKT OR CHIP TYPE	SWMP	LOAD SP OR WIRE PLANE	TEST POINTS AND/OR	SIGNAL DESCRIPTION	ECC NO		
	PREFIX	CONNECTOR	PIN	TO A	PREFIX	CONNECTOR	PIN	TO A	CODE	COLOR													
61253		XA141	19		XA143	40			16B	9	KXA6COX	01	KXA6CD	01	2	TLD	B3	09B					
61254		XA143	40								KXA6COX	02	KXA6COX	00	1	DCE	B6	15A					
61255		XA139	61		XA140	27			16B	9	KXA7CB4	01	KXR7CS	01	2	TQ2	E4	32B					
61256		XA140	27		XA141	27			16B	9	P KXB7CD	02	KXA7CB4	02	1	TLD	B4	13B	PORT A/B DATA LINE				
61257		XA141	27		XA144	24			16B	9	P KXA7CD	03	KXA7CB4	01	1	TLD	B4	13B	PORT A/B DATA LINE				
61258		XA144	24								KXA7CB4	04				RR4	B3						
61259		XA141	27								J KXA7CD	01	KXA7CD	00	1	TLD	B4	13B	KXA7CB4 BUSS				
63836		XA143	23								J KXA7CDX	01	KXA7CDX	00	1	DCF	B7	10A	MB07AB BUSS				
61260		XA141	25		XA143	30			16B	9	KXA7COX	01	KXA7CD	01	2	TLD	B4	12B					
61261		XA143	30								KXA7COX	02	KXA7COX	00	1	DCF	B8	11A					
61262		XA140	30								J KXBCMD	01	KXBCMD	00	1	TLD	C2	15A	KXACMB4 BUSS				
63837		XA142	46								J KXBCMDX	01	KXBCMDX	00	1	DCF	C1	25B	MBCMBR BUSS				
61263		XA132	14		XA140	36			16B	9	KXBCMOX	01	KXBRSA	01	1	TT3	B2	09A					
61264		XA140	36		XA142	47			16B	9	KXBCMOX	02	KXBCMD	01	2	TLD	C2	17A					
61265		XA142	47								KXBCMOX	03	KXBCMOX	00	1	DCF	C2	26B					
61266		XA140	33								J KXBEND	01	KXBEND	00	1	TLD	C3	16B	KXAENB4 BUSS				
63838		XA142	55								J KXBENDX	01	KXBENDX	00	1	DCF	C3	30B	MBENBB BUSS				
61267		XA132	17		XA140	31			16B	9	KXBENOX	01	KXBRSA	01	2	TT3	B2	08B					
61268		XA140	31		XA142	56			16B	9	KXBENOX	02	KXBEND	01	2	TLD	C3	15B					
61269		XA142	56								KXBENOX	03	KXBENOX	00	1	DCF	C4	29B					
61270		XA138	01		XA139	11			16B	9	KXBIEA	01	KXBIEA	00	1	TQ2	A2	02B					
61271		XA139	11		XA139	24			16B	9	KXBIEA	02	KXBIEO	01	1	TQ2	A4	05B					
61272		XA139	24								KXBIEA	03	KXBIEO	01	1	TQ2	B1	13A					
61273		XA140	23		XA140	24			16B	9	KXBIEO	01	KXB7CD	01	1	TLD	B4	11B					
61274		XA140	24		XA140	18			16B	9	KXBIEO	02	KXB4CD	01	1	TLD	B1	13A					
61275		XA140	18		XA140	17			16B	9	KXBIEO	03	KXB5CD	01	1	TLD	B2	10A					
61276		XA140	17		XA139	15			16B	9	KXBIEO	04	KXB6CD	01	1	TLD	B3	08B					
61277		XA139	15		XA140	11			16B	9	KXBIEO	05	KXBIEO	00	1	TQ2	A4	07B	PORT B DATA RECEIV				
61278		XA140	11		XA140	03			16B	9	KXBIEO	06	KXB3CD	01	1	TLD	A4	05B					
61279		XA140	03		XA140	04			16B	9	KXBIEO	07	KXB2CD	01	1	TLD	A3	02A					
61280		XA140	04		XA140	08			16B	9	KXBIEO	08	KXB1CD	01	1	TLD	A2	04A					
61281		XA140	08								KXBIEO	09	KXB0CD	01	1	TLD	A1	06A					
61282		XA140	40		XA140	34			16B	9	KXBIEO	01	KXBPCD	01	1	TLD	C1	19A					
61283		XA140	34		XA140	29			16B	9	KXBIEO	02	KXBCMD	01	1	TLD	C2	16A					
61284		XA140	29		XA139	22			16B	9	KXBIEO	03	KXBEND	01	1	TLD	C3	14B					
61285		XA139	22								KXBIEO	04	KXBIF0	00	1	TQ2	B1	12A					
										****	SIGNAL	KXBINDX	IS ON THE NEXT PAGE										****

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DRAWING NUMBER 149016-800 STRING UNIT ASSEMBLY NO. 149016 REV E INDEX KXBNDX
 UNIT ASSEMBLY NAME CARD CAGE ASSY,A,IFCU FILE IDENT T39CIFC6 DATE 09-03-82 PAGE 41

RECORD NUMBER	FROM				TO				WIRE				SIGNAL	SEQ NO	EQUATION	TERM	FACTOR	CMT CHIP TYPE	GROUP	LOAD OR POWER PLANE	TEST POINTS AND OR	SIGNAL DESCRIPTION	SCHEMATIC		
	PREFIX	CONNECTOR	PIN	DR PC	PREFIX	CONNECTOR	PIN	DR PC	MULTI GROUP	CODE	COLOR	IDENT													
63839		XA142	60										J	KXBINDX	01	KXBINDX	00	1	DCF	C5		31B	MBINBB BUSS		
61286		XA140	38										J	KXBPCD	01	KXBPCD	00	1	TLD	C1		18A	KXAPCB4 BUSS		
63841		XA142	43										J	KXBPCDX	01	KXBPCDX	00	1	DCF	C7		25A	MBOPBB BUSS		
61287		XA140	42		XA142	48			16B	9				KXBPCOX	01	KXBPCD	01	2	TLD	C1		20A			
61288		XA142	48											KXBPCOX	02	KXBPCOX	00	1	DCF	C8		26A			
61289		XA127	62		XA137	57			16B	9				KXBRQA	01	KXBRQ0	01	1	TQ2	E2		29A			
61290		XA137	57											KXBRQA	02	KXBRQA	00	1	TD4	E2		30B			
61291		XA140	35		XA127	60			16B	9				KXBRQ0	01	KXBR401	01	1	TLD	C4		17B			
61292		XA127	60											KXBRQ0	02	KXBRQ0	00	1	TQ2	E2		28A	PORT B REQUEST		
61293		XA131	20		XA132	19			16B	9				KXBRSA	01	KXST20	01	4	TS8	B1		11A			
61294		XA132	19											KXBRSA	02	KXBRSA	00	1	TT3	B2		09B	PORT B IOU RESET		
63842		XA140	39		XA243	06			16B	9				KXBR4D1	01	KXBR401	00	1	TLD	C4		19B	PORT B REQUEST		
64842		XA243	06		XA248	64			16B	9				KXBR4D1	02				RR1	A2					
64196		XA248	64											KXBR4D1	03				SHT						B04
61295		XA127	49		XA138	14			16B	9				KXBSLA	01	KXONLO	01	2	TQ2	D4		26B			
61296		XA138	14											KXBSLA	02	KXBSLA	00	1	TQ2	B2		09A	PORT B SELECT		
65114		XA142	78		XA344	78			16B	9			P	KXBSLDX	02	KXBSLB	01	1	DCF	D3		37B			C01
65119		XA344	78		XA348	29			16B	9			P	KXBSLDX	03	KXBSLB	02	1	DCF	D3		37B			C01
64808		XA348	29											KXBSLB	05				SHT						B04
50470		XA344	77	3	XA348	16	3		16B	9				KXBSLBG	01				DCF						A02
65555		XA348	16											KXBSLBG	02				SHT						B04
61298		XA142	78										J	KXBSLDX	01	KXBSLDX	00	1	DCF	D3		37B	KXBSLB BUSS		C01
61299		XA132	18		XA137	01			16B	9				KXBLOX	01	KXBRSA	01	3	TT3	B2		10A			
61300		XA137	01		XA138	04			16B	9				KXBLOX	02	KXBOEA	01	1	TD4	A2		02B			
61301		XA138	04		XA138	18			16B	9				KXBLOX	03	KXBIEA	01	1	TQ2	A2		04A			
61302		XA138	18		XA137	55			16B	9				KXBLOX	04	KXBSLA	01	1	TQ2	B2		10A			
61303		XA137	55		XA142	75			16B	9				KXBLOX	05	KXBRQA	01	1	TD4	E2		29B			
61304		XA142	75		XA143	73			16B	9				KXBLOX	06	KXBLOX	00	1	DCF	D4		36B			
61305		XA143	73											KXBLOX	07	KXBSTOX	01	1	DCF	D4		35B			
61306		XA144	25		XA143	78			16B	9				KXBSTB	01				RR4	C4					
65115		XA143	78		XA345	78			16B	9			P	KXBSTDX4	02	KXBSTB	01	1	DCF	D3		37B			
65120		XA345	78		XA346	25			16B	9			P	KXBSTDX4	03	KXBSTB	02	1	DCF	D3		37B			
51137		XA346	25		XA348	33			16B	9				KXBSTB	04				RR4	C4					
64810		XA348	33											KXBSTB	05				SHT						B04
50469		XA345	77		XA348	32			16B	9				KXBSTBG	01				DCF						A02
65556		XA348	32											KXBSTBG	02				SHT						B04

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UNIT ASSEMBLY NAME

149016-800
CARD CAGE ASSY,A,IFCU

STRING

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FILE IDENT

149016
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REV E
DATE 09-03-82

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RECORD NUMBER	FROM				TO				WIRE				SIGNAL	SEQ NO	EQUATION	TERM	FACTOR	CKT OR CHIP TYPE	GROUP	LOAD OR POWER PLANE	TEST POINTS AND/OR	SIGNAL DESCRIPTION	ECO NO	
	PREFIX	CONNECTOR	PIN	WIRE NO	PREFIX	CONNECTOR	PIN	WIRE NO	MULTI GROUP	CODE	COLOR	IDENT												
61307		XA143	78										J	KXBSTD4	01	KXBSTD4	00	1	DCF	D3		37B	KXBSTB BUSS	
61308		XA140	06										J	KXB0CD	01	KXB0CD	00	1	TLD	A1		05A	KXA0CB4 BUSS	
63844		XA142	07										J	KXB0CDX	01	KXB0CDX	00	1	DCF	A1		02B	MB00BB BUSS	
61309		XA140	10		XA142	09			16B	9				KXB0COX	01	KXB0CD	01	2	TLD	A1		07A		
61310		XA142	09											KXB0COX	02	KXB0COX	00	1	DCF	A2		03B		
61311		XA142	52		XA142	36			16B	9				KXB0EA	01	KXBCMDX	01	1	DCE	C1		29A		
61312		XA142	36		XA142	06			16B	9				KXB0EA	02	KXB4CDX	01	1	DCF	B1		13A		
61313		XA142	06		XA137	09			16B	9				KXB0EA	03	KXB0CDX	01	1	DCF	A1		05A		
61314		XA137	09											KXB0EA	04	KXB0EA	00	1	TD4	A2		04B	PORT B DATA SEND	
61315		XA140	01										J	KXB1CD	01	KXB1CD	00	1	TLD	A2		02B	KXA1CB4 BUSS	
63854		XA142	17										J	KXB1CDX	01	KXB1CDX	00	1	DCF	A3		07B	MB01BB BUSS	
61316		XA140	05		XA142	15			16B	9				KXB1COX	01	KXB1CD	01	2	TLD	A2		03B		
61317		XA142	15											KXB1COX	02	KXB1COX	00	1	DCF	A4		04B		
61318		XA140	09										J	KXB2CD	01	KXB2CD	00	1	TLD	A3		04B	KXA2CB4 BUSS	
63855		XA142	14										J	KXB2CDX	01	KXB2CDX	00	1	DCF	A5		08B	MB02BB BUSS	
61319		XA140	07		XA142	10			16B	9				KXB2COX	01	KXB2CD	01	2	TLD	A3		03A		
61320		XA142	10											KXB2COX	02	KXB2COX	00	1	DCF	A6		07A		
61321		XA140	15										J	KXB3CD	01	KXB3CD	00	1	TLD	A4		07B	KXA3CB4 BUSS	
63856		XA142	01										J	KXB3CDX	01	KXB3CDX	00	1	DCF	A7		02A	MB03BB BUSS	
61322		XA140	13		XA142	03			16B	9				KXB3COX	01	KXB3CD	01	2	TLD	A4		06B		
61323		XA142	03											KXB3COX	02	KXB3COX	00	1	DCF	A8		03A		
61324		XA140	22										J	KXB4CD	01	KXB4CD	00	1	TLD	B1		12A	KXA4CB4 BUSS	
63857		XA142	27										J	KXB4CDX	01	KXB4COX	00	1	DCF	B1		10B	MB04BB BUSS	
61325		XA140	26		XA142	29			16B	9				KXB4COX	01	KXB4CD	01	2	TLD	B1		14A		
61326		XA142	29											KXB4COX	02	KXB4COX	00	1	DCF	B2		11B		
61327		XA140	14										J	KXB5CD	01	KXB5CD	00	1	TLD	B2		09A	KXA5CB4 BUSS	
63858		XA142	37										J	KXB5CDX	01	KXB5COX	00	1	DCF	B3		15B	MB05BB BUSS	
61328		XA140	20		XA142	35			16B	9				KXB5COX	01	KXB5CD	01	2	TLD	B2		11A		
61329		XA142	35											KXB5COX	02	KXB5COX	00	1	DCF	B4		14B		

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UNIT ASSEMBLY NAME

149016-800
CARD CAGE ASSY,A,IFCU

STRING

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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	INFO	PREFIX	CONNECTOR	PIN	INFO	MULTI GROUP	CODE	COLOR	IDEN											
61330		XA140	21										J	KXB6CD	01	KXB6CD	00	1	TLD	B3	10B	KXA6C84 BUSS	
63859		XA142	41										J	KXB6CDX	01	KXB6CDX	00	1	DCF	B5	16A	MBO6BB BUSS	
61331		XA140	19		XA142	40			16B	9				KXB6COX	01	KXB6CD	01	2	TLD	B3	09B		
61332		XA142	40											KXB6COX	02	KXB6COX	00	1	DCF	B6	15A		
61333		XA140	27										J	KXB7CD	01	KXB7CD	00	1	TLD	B4	13B	KXA7CB4 BUSS	
63860		XA142	23										J	KXB7CDX	01	KXB7CDX	00	1	DCF	B7	10A	MBO7BB BUSS	
61334		XA140	25		XA142	30			16B	9				KXB7COX	01	KXB7CD	01	2	TLD	B4	12B		
61335		XA142	30											KX97COX	02	KXB7COX	00	1	DCF	B8	11A		
61336		XA135	26		XA137	76			16B	9				KXCA0A	01	KXCMA5	01	2	T02	B1	14A		
61337		XA137	76											KXCA0A	02	KXCA0A	00	1	TD4	F1	37A	SET COMMAND ADDRESS	
61338		XA131	11		XA135	23			16B	9				KXCA1A	01	KXCA1A	00	1	TS8	A1	05B	DEV COMND BYTE 1	
61339		XA135	23											KXCA1A	02	KXCA10	01	1	T02	B4	11B		
61340		XA132	09		XA132	21			16B	9				KXCA10	01	KXDV5A	01	1	TT3	A3	04B		
61341		XA132	21		XA132	29			16B	9				KXCA10	02	KXIROA	01	1	TT3	B3	10B		
61342		XA132	29		XA135	27			16B	9				KXCA10	03	KXH50A	01	1	TT3	C2	14B		
61343		XA135	27		XA132	38			16B	9				KXCA10	04	KXCA10	00	1	T02	B4	13B		
61344		XA132	38		XA125	37			16B	9				KXCA10	05	KXEBOA	01	1	TT3	C1	18A		
61345		XA125	37		XA125	30			16B	9				KXCA10	06	KXDVOA	01	1	TD4	C1	18B		
61346		XA125	30											KXCA10	07	KXOR0A	01	1	TD4	C2	15A		
61347		XA137	23		XA135	24			16B	9				KXCMA5	01	KXCMA5	00	1	TD4	B1	11B		
61348		XA135	24											KXCMA5	02	KXCMA5	01	1	T02	B1	13A		
61349		XA131	01		XA135	22			16B	9				KXCMA5	01	KXCA1A	01	1	TS8	A1	02B		
61350		XA135	22		XA137	22			16B	9				KXCMA5	02	KXCMA5	00	1	T02	B1	12A	COMMAND ADDRESS FF	
61351		XA137	22											KXCMA5	03	KXCMA5	01	1	TD4	B1	12A		
61352		XA127	01										J	KXCP00	01	KXCP00	00	1	T02	A2	02B	KXCP1B BUSS	
61353		XA127	04		XA127	03			16B	9				KXCP1A	01	KXCP00	01	1	T02	A2	04A		
61354		XA127	03		XA127	11			16B	9				KXCP1A	02	KXCP10	01	1	T02	A3	02A		
61355		XA127	11		XA135	63			16B	9				KXCP1A	03	KXCP20	01	1	T02	A4	05B		
61356		XA135	63											KXCP1A	04	KXCP1A	00	1	T02	E4	33B	PHASE 1 OF 2 PHASE	
62234		XA128	46		XA127	01			16B	9				KXCP1B	005	KX00BN	01	1	TDD	HN	21A		B02
61357		XA127	01		XA127	09			16B	9			P	KXCP00	01	KXCP1B	01	3	T02	A2	02B	CLOCK PHASE 1 BUS	
61358		XA127	09		XA127	15			16B	9			P	KXCP10	02	KXCP1B	01	1	T02	A3	04B	CLOCK PHASE 1 BUS	
61359		XA127	15		XA129	14			16B	9			P	KXCP20	03	KXCP1B	01	2	T02	A4	07B	CLOCK PHASE 1 BUS	
61360		XA129	14		XA130	14			16B	9				KXCP1B	04	KXIR1N	01	1	TDD	DN	09A		
61361		XA130	14		XA133	51			16B	9				KXCP1B	05	KXEB1N	01	1	TDD	DN	09A		
										****	SIGNAL	(KXCP1B)	IS ON THE NEXT PAGE					****					

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 UNIT ASSEMBLY NAME CARD CAGE ASSY,A,IFCU FILE IDENT T39C1FC6 DATE 09-03-82 PAGE 44

RECORD NUMBER	FROM			TO			WIRE			SIGNAL	SEC NO	EQUATION	TERM	FACTOR	CMT OR CHIP TYPE	GROUP	LOAD OR POWER PLANE	TEST POINTS AND DIR	SIGNAL DESCRIPTION	ECO NO	
	PREFIX	CONNECTOR	PIN	PREFIX	CONNECTOR	PIN	WIRE NO	COLOR	IDENT												
61362		XA133	51		XA134	51		16B	9		KXCP1B	06	KK08B2U	01	1	DBC	D2	25B			
61363		XA134	51		XA134	37		16B	9		KXCP1B	07	KK12B2U	01	1	DBC	D2	25B			
61364		XA134	37		XA133	37		16B	9		KXCP1B	08	KK04B2U	01	1	DBC	C2	17B			
61365		XA133	37		XA129	42		16B	9		KXCP1B	09	KK03B2U	01	1	DBC	C2	17B			
61366		XA129	42		XA126	50		16B	9		KXCP1B	10	KXST1N	01	1	TDD	EN	20A			
61367		XA126	50		XA121	61		16B	9		KXCP1B	11	KSNC2A	01	2	TQ2	D2	23A			
61368		XA121	61		XA121	37		16B	9		KXCP1B	12	KIEN3A	01	2	TQ2	E4	32B			
61369		XA121	37		XA122	37		16B	9		KXCP1B	13	KDEV3A	01	2	TQ2	C4	18B			
61370		XA122	37		XA122	31		16B	9		KXCP1B	14	KAEN7A	01	2	TQ2	C4	18B			
61371		XA122	31		XA122	36		16B	9		KXCP1B	15	KAEN6A	01	2	TQ2	C3	15B			
61372		XA122	36		XA122	42		16B	9		KXCP1B	16	KAEN4A	01	2	TQ2	C2	17A			
61373		XA122	42		XA124	37		16B	9		KXCP1B	17	KAEN3A	01	2	TQ2	C1	20A			
61374		XA124	37		XA123	25		16B	9		KXCP1B	18	KDEV2A	01	3	TT3	C3	18B			
61375		XA123	25		XA122	07		16B	9		KXCP1B	19	KSNC3A	01	2	TQ2	B4	12B			
61376		XA122	07		XA118	14		16B	9		KXCP1B	20	KIEN2A	01	2	TQ2	A3	03A			
61377		XA118	14		XA118	01		16B	9		KXCP1B	21	KDEV1N	01	1	TDD	DN	09A			
61378		XA118	01		XA115	19		16B	9		KXCP1B	22	KLPT1N	01	1	TDD	BN	02B			
61379		XA115	19								KXCP1B	23	KBSY0A	01	3	TD4	B2	09B			
61380		XA127	09							J	KXCP10	01	KXCP10	00	1	TQ2	A3	04B	KXCP1B BUSS		
61381		XA127	15							J	KXCP20	01	KXCP20	00	1	TQ2	A4	07B	KXCP1B BUSS		
61382		XA127	14		XA126	11		16B	9		KXCP3A	01	KXCP3A	00	1	TQ2	B2	09A	PHASE 3 OF 2 PHASE		
61383		XA126	11		XA126	03		16B	9		KXCP3A	02	KXCP50	01	1	TQ2	A4	05B			
61384		XA126	03		XA126	04		16B	9		KXCP3A	03	KXCP40	01	1	TQ2	A3	02A			
61385		XA126	04								KXCP3A	04	KXCP30	01	1	TQ2	A2	04A			
61386		XA132	72		XA131	66		16B	9		KXCP3B	01	KSC11A	01	3	TT3	F2	34A			
61387		XA131	66		XA131	77		16B	9		KXCP3B	02	KPINTA	01	6	TS8	F1	31A			
61388		XA131	77		XA125	79		16B	9		KXCP3B	03	KIOTRA	01	6	TS8	F1	38B			
61389		XA125	79		XA124	79		16B	9		KXCP3B	04	KAIN0A	01	4	TD4	F1	39B			
61390		XA124	79		XA122	64		16B	9		KXCP3B	05	KAIERA	01	3	TT3	F1	39B			
61391		XA122	64		XA120	62		16B	9		KXCP3B	06	KAEN5A	01	2	TQ2	E2	30A			
61392		XA120	62		XA119	49		16B	9		KXCP3B	07	KETX1A	01	3	TT3	E2	29A			
61393		XA119	49		XA121	49		16B	9		KXCP3B	08	KDEV0A	01	2	TQ2	D4	28B			
61394		XA121	49		XA122	49		16B	9		KXCP3B	09	KDEV1A	01	2	TQ2	D4	26B			
61395		XA122	49		XA123	50		16B	9		KXCP3B	10	KIEN1A	01	2	TQ2	D4	26B			
61396		XA123	50		XA123	43		16B	9		KXCP3B	11	KAEN1A	01	2	TQ2	D2	23A			
61397		XA123	43		XA127	43		16B	9		KXCP3B	12	KXST1A	01	2	TQ2	D3	23B			
61398		XA127	43		XA127	25		16B	9		KXCP3B	13	KXEB1A	01	2	TQ2	D3	23B			
61399		XA127	25		XA126	01		16B	9		KXCP3B	14	KXIR1A	01	2	TQ2	B4	12B			
61400		XA126	01		XA126	15		16B	9	P	KXCP30	15	KXCP3B	01	1	TQ2	A2	02B			
61401		XA126	15		XA126	09		16B	9	P	KXCP50	16	KXCP3B	01	3	TQ2	A4	07B	CLOCK PHASE 3 BUS		
61402		XA126	09		XA120	10		16B	9		KXCP40	17	KXCP3B	01	2	TQ2	A3	04B			
61403		XA120	10		XA122	10		16B	9		KXCP3B	18	KAEB0A	01	3	TT3	A1	07A			
61404		XA122	10		XA122	26		16B	9		KXCP3B	19	KLPT1A	01	2	TQ2	A1	07A			
61405		XA122	26		XA118	26		16B	9		KXCP3B	20	KSNC1A	01	2	TQ2	B1	14A			
61406		XA118	26		XA115	26		16B	9		KXCP3B	21	KPOUTN	01	1	TDD	CN	14A			
61407		XA115	26		XA114	25		16B	9		KXCP3B	22	KAEN0A	01	4	TD4	B1	14A			
										****	SIGNAL	{	KXCP3B	}	IS ON THE	NEXT PAGE	****				

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149016-800
CARD CAGE ASSY,A,IFCU

STRING

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FILE IDENT

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RECORD NUMBER	FROM				TO				WIRE				SPL INST MISC	SIGNAL	SEQ NO	EQUATION	TERM	FACTOR	CKT OR CHIP TYPE	GROUP	LOAD OR POWER PLANE	TEST POINTS AND OR	SIGNAL DESCRIPTION	ECO NO
	PREFIX	CONNECTOR	PIN	OR EC	PREFIX	CONNECTOR	PIN	OR EC	MULTI GROUP	CODE	COLOR	IDENT												
61408		XA114	25		XA113	24				16B	9		KXCP3B	23	KDP7RA	01	7	TS8	B1		12B			
61409		XA113	24		XA113	07				16B	9		KXCP3B	24	KA0ERA	01	6	TS8	B1		13A			
61410		XA113	07		XA113	37				16B	9		KXCP3B	25	KAEBRA	01	5	TS8	A1		03A			
61411		XA113	37		XA114	40				16B	9		KXCP3B	26	KAEN2A	01	5	TS8	C1		18B			
61412		XA114	40		XA114	64				16B	9		KXCP3B	27	KDP7SA	01	7	TS8	C1		19A			
61413		XA114	64		XA114	75				16B	9		KXCP3B	28	KSNOA	01	5	TS8	E1		30A			
61414		XA114	75										KXCP3B	29	KIENOA	01	5	TS8	F1		37B			
61415		XA126	01									J	KXCP30	01	KXCP30	00	1	TQ2	A2		02B	KXCP3B BUSS		
61416		XA126	09									J	KXCP40	01	KXCP40	00	1	TQ2	A3		04B	KXCP3B BUSS		
61417		XA126	15									J	KXCP50	01	KXCP50	00	1	TQ2	A4		07B	KXCP3B BUSS		
61418		XA143	54		XA142	54				16B	9		KXDBI0	01	KXAINOX	01	1	DCF	C6		30A			
61419		XA142	54		XA132	63				16B	9		KXDBI0	02	KXBINOX	01	1	DCF	C6		30A			
61420		XA132	63										KXDBI0	03	KXDBI0	00	1	TT3	E3		33B	INPUT INDICATOR		
61421		XA119	75		XA116	66				16B	9		KXDBS0	01	KXDBS0	00	1	TQ2	F1		37B	INPUT MUX STATUS		
61422		XA116	66		XA116	49				16B	9		KXDBS0	02	KXDB4TA	01	4	MUX	E1		32B			
61423		XA116	49										KXDBS0	03	KXDB0TA	01	4	MUX	D1		24B			
61424		XA134	71		XA116	55				16B	9		KXDB0TA	01	KXS031U	01	1	DBC	E1		33B			
61425		XA116	55										KXDB0TA	02	KXDB0TA	00	1	MUX	D1		27B	INPUT DATA MUX BIT		
61426		XA116	61		XA134	73				16B	9		KXDB0TB	01	KXDB0TB	00	1	MUX	D2		31B			
61427		XA134	73										KXDB0TB	02	KXS031U	01	2	DBC	E1		34B			
61428		XA134	75		XA116	60				16B	9		KXDB0TC	01	KXS031U	01	3	DBC	E1		35B			
61429		XA116	60										KXDB0TC	02	KXDB0TC	00	1	MUX	D3		28A			
61430		XA116	63		XA134	77				16B	9		KXDB0TD	01	KXDB0TD	00	1	MUX	D4		31A			
61431		XA134	77										KXDB0TD	02	KXS031U	01	4	DBC	E1		34B			
61432		XA133	71		XA116	73				16B	9		KXDB4TA	01	KXS471U	01	1	DBC	E1		33B			
61433		XA116	73										KXDB4TA	02	KXDB4TA	00	1	MUX	F1		34B	INPUT DATA MUX BIT		
61434		XA116	79		XA133	73				16B	9		KXDB4TB	01	KXDB4TB	00	1	MUX	E2		37B			
61435		XA133	73										KXDB4TB	02	KXS471U	01	2	DBC	E1		34B			
61436		XA133	75		XA116	74				16B	9		KXDB4TC	01	KXS471U	01	3	DBC	E1		35B			
61437		XA116	74										KXDB4TC	02	KXDB4TC	00	1	MUX	F3		36A			
61438		XA116	80		XA133	77				16B	9		KXDB4TD	01	KXDB4TD	00	1	MUX	F4		38B			
61439		XA133	77										KXDB4TD	02	KXS471U	01	4	DBC	E1		36B			
61440		XA125	31		XA126	24				16B	9		KXDEVA	01	KX0ROA	01	2	TD4	C2		15B			
61441		XA126	24		XA127	38				16B	9		KXDEVA	02	KXDEVO	01	1	TQ2	B1		13A			
61442		XA127	38		XA132	42				16B	9		KXDEVA	03	KXDEVA	00	1	TQ2	C1		18A			
61443		XA132	42		XA132	34				16B	9		KXDEVA	04	KXEBOA	01	3	TT3	C1		20A			
										***	SIGNAL	KXDEVA	IS ON THE NEXT PAGE				****							

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DRAWING NUMBER 149016-800 STRING UNIT ASSEMBLY NO. 149016 REV E INDEX KXDEVA
 UNIT ASSEMBLY NAME CARD CAGE ASSY,A,IFCU FILE IDENT T39CIFC6 DATE 09-03-82 PAGE 46

RECORD NUMBER	FROM				TO				WIRE				SIGNAL	SEQ NO	EQUATION	TERM FACTOR	CRT OR CHIP TYPE	GROUP	LOAD OR POWER PLANE	TEST POINTS AND/OR	SIGNAL DESCRIPTION	ECO NO
	PREFIX	CONNECTOR	PIN	ENEG	PREFIX	CONNECTOR	PIN	ENEG	STRG	MULTI GROUP	CODE	COLOR										
61444		XA132	34		XA132	25				16B	9			KXDEVA	05	KXH50A	01 3	TT3	C2	16A		
61445		XA132	25											KXDEVA	06	KXIR0A	01 3	TT3	B3	12B		
61446		XA137	33		XA135	34				16B	9			KXDEVR	01	KXDEVR	00 1	TD4	C2	16B		
61447		XA135	34											KXDEVR	02	KXDEVS	01 1	TQ2	C2	16A		
61448		XA131	30		XA135	30				16B	9			KXDEVS	01	KXDV1A	01 1	TS8	C1	15A		
61449		XA135	30		XA137	30				16B	9			KXDEVS	02	KXDEVS	00 1	TQ2	C2	15A	DEVICE COMMAND F/F	
61450		XA137	30											KXDEVS	03	KXDEVR	01 1	TD4	C2	15A		
61451		XA125	38		XA126	22				16B	9			KXDEVO	01	KXDVOA	01 2	TD4	C1	18A		
61452		XA126	22		XA132	11				16B	9			KXDEVO	02	KXDEVO	00 1	TQ2	B1	17A		
61453		XA132	11											KXDEVO	03	KXDV5A	01 2	TT3	A3	05B		
61454		XA125	09		XA122	71				16B	9			KXDPEA	01	KXDPEA	00 1	TD4	A2	04B	AUTO OUTPUT COMND	
61455		XA122	71											KXDPEA	02	KCDES0	01 1	TQ2	F2	36A		
61456		XA143	50		XA142	50				16B	9			KXDSBPR	01	KXAPCOX	01 1	DCF	C8	28A		
61457		XA142	50		XA237	42				16B	9			KXDSBPR	02	KXBPCOX	01 1	DCF	C8	28A		
61458		XA237	42		XA344	50				16B	9			KXDSBPR	03	KXDSBPR	00 1	PAR	C1	20A	MXDSBPR FOR LP3	
51276		XA344	50		XA345	50				16B	9			KXDSBPR	04	MXBPCOX	01 1	DCF	C8	28A		
51275		XA345	50											KXDSBPR	05	MXAPCOX	01 1	DCF	C8	28A		
61459		XA132	13		XA127	30				16B	9			KXDVC0	01	KXDV5A	01 3	TT3	A3	04B		
61460		XA127	30		XA125	40				16B	9			KXDVC0	02	KXDVC0	00 1	TQ2	C2	15A		
61461		XA125	40											KXDVC0	03	KXDVOA	01 3	TD4	C1	19A		
61462		XA137	35		XA135	40				16B	9			KXDVSR	01	KXDVSR	00 1	TD4	C1	17B		
61463		XA135	40											KXDVSR	02	KXDVSS	01 1	TQ2	C1	19A		
61464		XA114	01		XA113	43				16B	9			KXDVSS	01	KXSS0A	01 1	TS8	A1	02B		
61465		XA113	43		XA135	38				16B	9			KXDVSS	02	KXDV3A	01 1	TS8	D1	23B		
61466		XA135	38		XA137	37				16B	9			KXDVSS	03	KXDVSS	00 1	TQ2	C1	18A	DEVICE COMMAND F/F	
61467		XA137	37											KXDVSS	04	KXDVSR	01 1	TD4	C1	18B		
61468		XA135	36		XA125	35				16B	9			KXDVOA	01	KXDEVS	01 2	TQ2	C2	17A		
61469		XA125	35											KXDVOA	02	KXDVOA	00 1	TD4	C1	17B	SET DEVICE COMMAND A01	
61471		XA131	35		XA123	71				16B	9			KXDV1A	01	KXDV1A	00 1	TS8	C1	17B		
61472		XA123	71											KXDV1A	02	KXDV10	01 1	TQ2	F2	36A		
61473		XA123	72		XA128	30				16B	9			KXDV10	01	KXDV10	00 1	TQ2	F2	36A	DEV COMMAND DATA	
61474		XA128	30		XA130	42				16B	9			KXDV10	02	KDOUTN	01 1	TDD	FN	15A		
61475		XA130	42		XA127	19				16B	9			KXDV10	03	KOAINN	01 1	TDD	FN	20A		
62408		XA127	19											KXDV10	10	KSYN1A	01 2	TQ2	B3	09B		B02 B02
61476		XA119	63		XA113	54				16B	9			KXDV2A	01	KXDV2A	00 1	TQ2	E4	33B		
61477		XA113	54											KXDV2A	02	KXDV3A	01 7	TS8	D1	25A		
61478		XA121	57		XA119	61				16B	9			KXDV20	01	KXDV20	00 1	TQ2	E3	30B		
										****	SIGNAL	KXDV20	IS ON THE NEXT PAGE					****				

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DRAWING NUMBER 149016-800 STRING UNIT ASSEMBLY NO. 149016 REV E INDEX KXDV20
 UNIT ASSEMBLY NAME CARD CAGE ASSY,A,IFCU FILE IDENT T39C1FC6 DATE 09-03-82 PAGE 47

RECORD NUMBER	FROM				TO				WIRE				SFC INST MISC	SIGNAL	SEQ NO	EQUATION	TERM	FACTOR	CKT OR CHIP TYPE	GROUP	LOAD OR POWER PLANE	TEST POINTS AND/OR	SIGNAL DESCRIPTION	ECO NO	
	PREFIX	CONNECTOR	PIN	TYPE	PREFIX	CONNECTOR	PIN	TYPE	MULTI GROUP	CODE	COLOR	IDENT													
61479		XA119	61											KXDV20	02	KXDV2A	01	2	TQ2	E4		32B			
61480		XA117	17		XA113	47				16B	9			KXDV3A	01	KDEVOQ	01	1	TDD	DQ		08B	START END INPUT	A01	
61481		XA113	47		XA115	72				16B	9			KXDV3A	02	KXDV3A	00	1	TS8	D1		25B			
61470		XA115	72											KXDV3A	03	KXXCIO	01	2	TD4	F2		34A			
61482		XA135	42		XA132	15				16B	9			KXDV5A	01	KXDVSS	01	2	TQ2	C1		20A	SET DEV COMND F/F		
61483		XA132	15											KXDV5A	02	KXDV5A	00	1	TT3	A3		07B			
61484		XA118	70		XA123	76				16B	9			KXEA0A	01	KXXREN	01	1	TDD	JN		33A	SET ENABLE ADDRESS	A01	
61485		XA123	76		XA124	60				16B	9			KXEA0A	015	KXEA00	01	1	TQ2	F4		37A			
60880		XA124	60		XA125	11				16B	9			KXEA0A	02	KIOUTR	01	2	TT3	E2		28A			
61486		XA125	11		XA135	19				16B	9			KXEA0A	03	KXEA0A	00	1	TD4	A1		05B			
61487		XA135	19											KXEA0A	04	KXENAS	01	2	TQ2	B3		09B			
61488		XA127	74		XA126	74				16B	9			KXEA00	01	KLTE0A	01	2	TQ2	F3		38B	COMMAND IS EOB		
61489		XA126	74		XA123	80				16B	9			KXEA00	02	KXXD1A	01	2	TQ2	F3		35B			
61490		XA123	80		XA120	78				16B	9			KXEA00	03	KXEA00	00	1	TQ2	F4		39A			
61491		XA120	78											KXEA00	04	KRTDEA	01	3	TT3	F3		38A			
61492		XA132	36		XA128	17				16B	9			KXEBOA	01	KXEBOA	00	1	TT3	C1		17A	COMMAND IS EOB		
61493		XA128	17											KXEBOA	02	KXEBOQ	01	1	TDD	DQ		08B			
61494		XA130	18		XA128	19				16B	9			KXEBOQ	01	KXEB1I	01	1	TDD	DI		10A	EOB COUNTER BIT 0		
61495		XA128	19											KXEBOQ	02	KXEBOQ	00	1	TDD	DQ		09B			
61496		XA127	45		XA128	14				16B	9			KXEB1A	01	KXEB1A	00	1	TQ2	D3		24B	EOB SYNC COUNTER		
61497		XA128	14											KXEB1A	02	KXEB0N	01	1	TDD	DN		09A			
61498		XA124	77		XA127	41				16B	9			KXEB1Q	01	KAIERA	01	2	TT3	F1		38B	EOB SYNC COUNTER		
61499		XA127	41		XA130	19				16B	9			KXEB1Q	02	KXEB1A	01	1	TQ2	D3		22B			
61500		XA130	19		XA120	08				16B	9			KXEB1Q	03	KXEB1Q	00	1	TDD	DQ		09B			
61501		XA120	08											KXEB1Q	04	KAER0A	01	2	TT3	A1		06A			
61502		XA121	56		XA126	62				16B	9			KXED0A	01	KAENZS	01	2	TQ2	D1		26A	AUTO OUTPUT DATA		
61503		XA126	62		XA126	53				16B	9			KXED0A	02	KDCP00	01	1	TQ2	E2		29A			
61504		XA126	53		XA125	23				16B	9			KXED0A	03	KDCP10	01	1	TQ2	E3		28B			
61505		XA125	23											KXED0A	04	KXED0A	00	1	TD4	B1		11B			
61506		XA137	21		XA135	17				16B	9			KXENAR	01	KXENAR	00	1	TD4	B2		10B	ENABLE ADDRESS F/F		
61507		XA135	17											KXENAR	02	KXENAS	01	1	TQ2	B3		08B			
61508		XA125	04		XA125	24				16B	9			KXENAS	01	KXDPEA	01	2	TD4	A2		04A	ENABLE ADDRESS F/F		
61509		XA125	24		XA135	21				16B	9			KXENAS	02	KXED0A	01	2	TD4	B1		13A			
61510		XA135	21		XA137	14				16B	9			KXENAS	03	KXENAS	00	1	TQ2	B3		10B			
61511		XA137	14											KXENAS	04	KXENAR	01	1	TD4	B2		09A			
61512		XA132	40		XA127	52				16B	9			KXE0B0	01	KXEBOA	01	2	TT3	C1		19A	ENABLE ADDRESS F/F		
61513		XA127	52											KXE0B0	02	KXE0B0	00	1	TQ2	D1		24A			
												****	SIGNAL	KXGNIA	IS ON THE NEXT PAGE										****

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DRAWING NUMBER
UNIT ASSEMBLY NAME

149016-800
CARD CAGE ASSY,A,IFCU

STRING

UNIT ASSEMBLY NO.
FILE IDENT

149016
T39C1FC6

REV E
DATE 09-03-82

INDEX KXGN1A
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RECORD NUMBER	FROM				TO				WIRE			SIGNAL	SEQ NO	EQUATION	TERM FACTOR	CKT OR CHIP TYPE	GROUP	LOAD OR POWER PLANE	TEST POINTS AND/OR	SIGNAL DESCRIPTION	ECO NO	
	PREFIX	CONNECTOR	PIN	SH: TC	PREFIX	CONNECTOR	PIN	SH: TC	MULTI GROUP	CODE	COLON											IDENT
61514		XA138	09		XA142	51			16B	9			KXGN1A	01	KXGN1A	00	1	TQ2	A3	04B	SOFT GROUND	
61515		XA142	51		XA142	49			16B	9			KXGN1A	02	KXBENOX	01	1	DCF	C4	28B		
61516		XA142	49		XA143	49			16B	9			KXGN1A	03	KXBCMOX	01	1	DCF	C2	27B		
61517		XA143	49		XA143	51			16B	9			KXGN1A	04	KXACMOX	01	1	DCF	C2	27B		
61518		XA143	51		XA143	72			16B	9			KXGN1A	05	KXAENOX	01	1	DCF	C4	28B		
61519		XA143	72		XA134	80			16B	9			KXGN1A	06	KXASTDX4	01	1	DCF	D1	36A		
61520		XA134	80		XA133	80			16B	9			KXGN1A	07	KXS031U	01	5	DBC	E1	38B		
61521		XA133	80		XA134	53			16B	9			KXGN1A	08	KXS471U	01	5	DBC	E1	38B		
61522		XA134	53		XA133	53			16B	9			KXGN1A	09	KK12B1U	01	1	DBC	D1	26B		
61523		XA133	53		XA128	40			16B	9			KXGN1A	10	KK08B1U	01	1	DBC	D1	26B		
61524		XA128	40										KXGN1A	11	KXSTOI	01	1	TDD	E1	19A		E01
61526		XA117	05		XA117	18			16B	9			KXGN2A	01	KLPTOI	01	1	TDD	BI	03B		
61527		XA117	18		XA128	18			16B	9			KXGN2A	02	KDEV0I	01	1	TDD	DI	10A		
61528		XA128	18		XA128	24			16B	9			KXGN2A	03	KXE8OI	01	1	TDD	DI	10A		
61529		XA128	24		XA135	39			16B	9			KXGN2A	04	KXIROI	01	1	TDD	CI	13A		
61530		XA135	39		XA134	55			16B	9			KXGN2A	05	KXGN2A	00	1	TQ2	C4	19B		
61531		XA134	55		XA133	55			16B	9			KXGN2A	06	KK12B1U	01	2	DBC	D1	27B		
61532		XA133	55		XA133	79			16B	9			KXGN2A	07	KK08B1U	01	2	DBC	D1	27B		
61533		XA133	79		XA134	79			16B	9			KXGN2A	08	KXS473U	01	1	DBC	E3	37B		
61534		XA134	79		XA143	74			16B	9			KXGN2A	09	KXS033U	01	1	DBC	E3	37B		
61535		XA143	74										KXGN2A	10	KEYINOX	01	1	DCF	D6	37A		
61536		XA117	77		XA117	71			16B	9			KXGN3A	01	KXXDDI	01	1	TDD	II	38B		
61537		XA117	71		XA118	71			16B	9			KXGN3A	02	KXXDSI	01	1	TDD	MI	36A		
61538		XA118	71		XA117	68			16B	9			KXGN3A	03	KXXDI	01	1	TDD	MI	36A		
61539		XA117	68		XA118	68			16B	9			KXGN3A	04	KXXRCI	01	1	TDD	JI	32A		
61540		XA118	68		XA126	51			16B	9			KXGN3A	05	KXXREI	01	1	TDD	JI	32A		
61541		XA126	51		XA129	54			16B	9			KXGN3A	06	KXGN3A	00	1	TQ2	D4	27B		
61542		XA129	54		XA133	57			16B	9			KXGN3A	07	KXXCI	01	1	TDD	GI	25A		
61543		XA133	57		XA134	57			16B	9			KXGN3A	08	KK08B1U	01	3	DBC	D1	29B		
61544		XA134	57		XA133	78			16B	9			KXGN3A	09	KK12B1U	01	3	DBC	D1	29B		
61545		XA133	78		XA134	78			16B	9			KXGN3A	10	KXS474U	01	1	DBC	E4	38A		
61546		XA134	78										KXGN3A	11	KXS034U	01	1	DBC	E4	38A		
61547		XA139	21		XA134	59			16B	9			KXGN4A	01	KXGN4A	00	1	TQ2	B3	10B		
61548		XA134	59		XA133	59			16B	9			KXGN4A	02	KK12B1U	01	4	DBC	D1	30B		
61549		XA133	59										KXGN4A	03	KK08B1U	01	4	DBC	D1	30B		
61550		XA132	30		XA126	52			16B	9			KXHSTO	01	KXHSA	01	2	TT3	C2	15A		
61551		XA126	52										KXHSTO	02	KXHSTO	00	1	TQ2	D1	24A		
61552		XA132	31		XA131	14			16B	9			KXHSA	01	KXHSA	00	1	TT3	C2	15B	COMMAND IS STOP	
61553		XA131	14										KXHSA	02	KXST20	01	1	T58	B1	09A		
61554		XA124	76		XA137	66			16B	9			KXINHR	01	KXXDIR	01	2	TT3	E3	37A		
61555		XA137	66		XA137	60			16B	9			KXINHR	02	KXARQA	01	2	TD4	E1	31A		
61556		XA137	60		XA137	04			16B	9			KXINHR	03	KXBRQA	01	2	TD4	E2	28A		
61557		XA137	04		XA137	08			16B	9			KXINHR	04	KXBOEA	01	2	TD4	A2	04A		
61558		XA137	08		XA135	15			16B	9			KXINHR	05	KXAOEA	01	2	TD4	A1	06A		
										****	SIGNAL	(KXINHR)	IS ON THE	NEXT PAGE	****							

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DRAWING NUMBER 149016-800 STRING UNIT ASSEMBLY NO. 149016 REV E INDEX KXINHR
 UNIT ASSEMBLY NAME CARD CAGE ASSY,A,IFCU FILE IDENT T39C1FC6 DATE 09-03-82 PAGE 49

RECORD NUMBER	FROM				TO				WIRE				SIGNAL	SEQ NO	EQUATION	TERM	FACTOR	CKT OR CHIP TYPE	GROUP	LOAD OR POWER PLANE	TEST POINTS AND OR	SIGNAL DESCRIPTION	ECO NO	
	PREFIX	CONNECTOR	PIN	SR FC	PREFIX	CONNECTOR	PIN	SR FC	MULTI GROUP	CODE	COLOR	IDENT												
61559		XA135	15			XA132	01			16B	9		KXINHR	06	KXINHR	00	1	TQ2	A4		07B			
61560		XA132	01										KXINHR	07	KXINHS	01	1	TT3	A2		02B			
61561		XA132	07			XA135	11			16B	9		KXINHS	01	KXINHS	00	1	TT3	A2		03A	DATA SEND INHIBIT		
61562		XA135	11										KXINHS	02	KXINHR	01	1	TQ2	A4		05B			
61563		XA135	13			XA132	43			16B	9		KXINOA	01	KXINHR	01	2	TQ2	A4		06B			
61564		XA132	43										KXINOA	02	KXINOA	00	1	TT3	D2		23B			
61565		XA126	39			XA132	23			16B	9		KXIRCO	01	KXIRCO	00	1	TQ2	C4		19B			
61566		XA132	23										KXIRCO	02	KXIROA	01	2	TT3	B3		11B			
61567		XA132	27			XA128	27			16B	9		KXIROA	01	KXIROA	00	1	TT3	B3		13B	COMMAND IS ITR		
61568		XA128	27										KXIROA	02	KXIROQ	01	1	TDD	CQ		13B			
61569		XA129	18			XA128	25			16B	9		KXIROQ	01	KXIRII	01	1	TDD	DI		10A			
61570		XA128	25										KXIROQ	02	KXIROQ	00	1	TDD	CQ		12B	ITR SYNC COUNTER		
61571		XA128	26			XA127	27			16B	9		KXIR1A	01	KXIRON	01	1	TDD	CN		14A			
61572		XA127	27			XA117	65			16B	9		KXIR1A	02	KXIR1A	00	1	TQ2	B4		13B			
61573		XA117	65										KXIR1A	03	KXXDSQ	01	1	TDD	MQ		34B			
61574		XA127	23			XA129	19			16B	9		KXIR1Q	01	KXIR1A	01	1	TQ2	B4		11B			
61575		XA129	19										KXIR1Q	02	KXIR1Q	00	1	TDD	DQ		09B	ITR SYNC COUNTER		
61576		XA138	15			XA131	22			16B	9		KXPRSA	01	KXPRSA	00	1	TQ2	A4		07B	CAP PANEL RESET		
61577		XA131	22										KXPRSA	02	KXST20	01	5	TS8	B1		12A			
65116		XA142	80			XA344	80			16B	9	P	KXPRSDX	02	KXPRSB	01	1	DCF	D5		38B		C01	
65121		XA344	80			XA348	36			16B	9	P	KXPRSDX	03	KXPRSB	02	1	DCF	D5		38B		C01	
64811		XA348	36										KXPRSB	05				SHT					B04	
50471		XA344	79			XA348	32			16B	9		KXPRSBG	01				DCF			40B		A02	
65557		XA348	32										KXPRSBG	02				SHT					B04	
61578		XA142	80									J	KXPRSDX	01	KXPRSDX	00	1	DCF	D5		38B	KXPRSB BUSS		C01
61580		XA138	11			XA142	76			16B	9		KXPRSOX	01	KXPRSA	01	1	TQ2	A4		05B			
61581		XA142	76										KXPRSOX	02	KXPRSOX	00	1	DCF	D6		38A			
61582		XA126	17			XA126	18			16B	9		KXRAF5T	01	KDAINO	01	1	TQ2	B3		08B			
61583		XA126	18			XA134	07			16B	9		KXRAF5T	02	KSYN10	01	1	TQ2	B2		10A			
61584		XA134	07										KXRAF5T	03	KXRAF5T	00	1	DBC	A6		04B			
61585		XA139	18			XA134	09			16B	9		KXRAF6T	01	KENINO	01	1	TQ2	B2		10A			
61586		XA134	09										KXRAF6T	02	KXRAF6T	00	1	DBC	A7		05B			
61587		XA126	23			XA126	20			16B	9		KXRAF7T	01	KDOUT0	01	1	TQ2	B4		11B			
61588		XA126	20			XA134	11			16B	9		KXRAF7T	02	KSYN10	01	2	TQ2	B2		11A			
61589		XA134	11										KXRAF7T	03	KXRAF7T	00	1	DBC	A8		06B			

TM 11-5895-856-34-12/EE640-CA-MMI-120/E154 CPU/TO 31W2-2T-122-12

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DRAWING NUMBER 149016-800 STRING UNIT ASSEMBLY NO. 149016 REV E INDEX KXRAF7T
 UNIT ASSEMBLY NAME CARD CAGE ASSY,A,IFCU FILE IDENT T39C1FC6 DATE 09-03-82 PAGE 50

RECORD NUMBER	FROM				TO				WIRE				SIGNAL	SEQ NO	EQUATION	TERM	FACTOR	CKT OR CHIP TYPE	GROUP	LOAD OR POWER PLANE	TEST POINTS AND OR	SIGNAL DESCRIPTION	ECO NO	
	PREFIX	CONNECTOR	PIN	SH FT	PREFIX	CONNECTOR	PIN	SH FT	MULTI GROUP	CODE	COLOR	IDENT												SPEC INST MISC
61590		XA132	52		XA137	49			16B	9			KXRCMR	01	KXXBCO	01	1	TT3	D1		24A			
61591		XA137	49		XA138	38			16B	9			KXRCMR	02	KXXADO	01	1	TD4	D1		26B			
61592		XA138	38		XA139	40			16B	9			KXRCMR	03	KXRCMR	00	1	TQ2	C1		18A			
61593		XA139	40										KXRCMR	04	KXRCMS	01	1	TQ2	C1		19A			
61594		XA137	77		XA139	38			16B	9			KXRCMS	01	KXCAOA	01	2	TD4	F1		38B			
61595		XA139	38		XA138	40			16B	9			KXRCMS	02	KXRCMS	00	1	TQ2	C1		18A	I/O INPUT REG COMM		
61596		XA138	40		XA132	46			16B	9			KXRCMS	03	KXRCMR	01	1	TQ2	C1		19A			
61597		XA132	46										KXRCMS	04	KXINOA	01	2	TT3	D2		21A			
61598		XA132	54		XA137	52			16B	9			KXRENR	01	KXXBCO	01	2	TT3	D1		25A			
61599		XA137	52		XA138	30			16B	9			KXRENR	02	KXXADO	01	2	TD4	D1		24A			
61600		XA138	30		XA139	34			16B	9			KXRENR	03	KXRENR	00	1	TQ2	C2		15A			
61601		XA139	34										KXRENR	04	KXRENS	01	1	TQ2	C2		16A			
61602		XA139	30		XA138	34			16B	9			KXRENS	01	KXRENS	00	1	TQ2	C2		15A	I/O INPUT REG ENAB		
61603		XA138	34		XA125	08			16B	9			KXRENS	02	KXRENR	01	1	TQ2	C2		16A			
61604		XA125	08										KXRENS	03	KXEAOA	01	2	TD4	A1		06A			
61605		XA137	54		XA138	33			16B	9			KXRPCR	01	KXXADO	01	3	TD4	D1		25A			
61606		XA138	33		XA139	29			16B	9			KXRPCR	02	KXRPCR	00	1	TQ2	C3		16B			
61607		XA139	29										KXRPCR	03	KXRPCS	01	1	TQ2	C3		14B			
64206		XA139	33									J	KXRPCS	01	KXRPCS	00	1	TQ2	C3				KMRPCR BUSS	
61613		XA126	06		XA138	31			16B	9			KXRRSA	01	KXRRSA	00	1	TQ2	A1		05A	RESET I/O INPUT		
61614		XA138	31		XA138	36			16B	9			KXRRSA	02	KXRPCR	01	2	TQ2	C3		15B			
61615		XA138	36		XA138	42			16B	9			KXRRSA	03	KXRENR	01	2	TQ2	C2		17A			
61616		XA138	42		XA138	43			16B	9			KXRRSA	04	KXRCMR	01	2	TQ2	C1		20A			
61617		XA138	43		XA138	49			16B	9			KXRRSA	05	KXR2CR	01	2	TQ2	D3		23B			
61618		XA138	49		XA138	50			16B	9			KXRRSA	06	KXR3CR	01	2	TQ2	D4		26B			
61619		XA138	50		XA138	56			16B	9			KXRRSA	07	KXR1CR	01	2	TQ2	D2		23A			
61620		XA138	56		XA138	55			16B	9			KXRRSA	08	KXROCR	01	2	TQ2	D1		26A			
61621		XA138	55		XA138	61			16B	9			KXRRSA	09	KXR6CR	01	2	TQ2	E3		29B			
61622		XA138	61		XA138	64			16B	9			KXRRSA	10	KXR7CR	01	2	TQ2	E4		32B			
61623		XA138	64		XA138	70			16B	9			KXRRSA	11	KXR5CR	01	2	TQ2	E2		30A			
61624		XA138	70										KXRRSA	12	KXR4CR	01	2	TQ2	E1		33A			
61625		XA127	06		XA126	08			16B	9			KXRRSO	01	KXRRSO	00	1	TQ2	A1		05A			
61626		XA126	08										KXRRSO	02	KXRRSA	01	1	TQ2	A1		06A			
61627		XA135	06									J	KXRSOA	01	KXRSOA	00	1	TQ2	A1		05A	KXRSOB BUSS		
61628		XA129	52		XA128	36			16B	9			KXRSOB	01	KXXCIP	01	1	TDD	GP		24A			
61629		XA128	36		XA130	38			16B	9			KXRSOB	02	KDOUTP	01	1	TDD	FP		17A			
61630		XA130	38		XA132	41			16B	9			KXRSOB	03	KDAINP	01	1	TDD	EP		18A			
61631		XA132	41		XA132	56			16B	9			KXRSOB	04	KXINOA	01	1	TT3	D2		22B			
61632		XA132	56		XA137	50			16B	9			KXRSOB	05	KXXBCO	01	3	TT3	D1		26A			
										****	SIGNAL	(KXRSOB)	IS ON THE NEXT PAGE										****	

TM 11-5895-856-34-12/EE640-CA-MMI-120/E154 CPU/TO 31W2-2T-122-12

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DRAWING NUMBER
UNIT ASSEMBLY NAME

149016-800
CARD CAGE ASSY,A,IFCU

STRING

UNIT ASSEMBLY NO.
FILE IDENT

149016
T39C1FC6

REV E
DATE 09-03-82

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RECORD NUMBER	FRGM				TO				WIRE			SIGNAL	SEQ NO	EQUATION	TERM FACTOR	CKT OR CHIP TYPE	GROUP	LOAD OR POWER PLANE	TEST POINTS AND OR	SIGNAL DESCRIPTION	ECO NO			
	PREFIX	CONNECTOR	PIN	SH 12	PREFIX	CONNECTOR	PIN	SH 12	MULTI GROUP	CODE	COLOR											IDEN		
61633	XA137	50			XA137	42			168	9		KXRS0B	06	KX0FRR	01	4	TD4	D2	23A					
61634	XA137	42			XA137	36			168	9		KXRS0B	07	KXDVSR	01	4	TD4	C1	20A					
61635	XA137	36			XA137	26			168	9		KXRS0B	08	KXDEV R	01	4	TD4	C2	17A					
61636	XA137	26			XA137	20			168	9		KXRS0B	09	KXCMAR	01	4	TD4	B1	14A					
61637	XA137	20			XA135	09			168	9		KXRS0B	10	KXENAR	01	4	TD4	B2	11A					
61638	XA135	09			XA135	06			168	9	P	KXRS2A	11	KXRS0B	01	3	TQ2	A3	04B	MASTER RESET BUS	0			
61639	XA135	06			XA135	01			168	9	P	KXRS0A	12	KXRS0B	01	1	TQ2	A1	05A	MASTER RESET BUS	0			
61640	XA135	01			XA132	03			168	9	P	KXRS1A	13	KXRS0B	01	2	TQ2	A2	02B	MASTER RESET BUS	0			
61641	XA132	03			XA130	20			168	9		KXRS0B	14	KXINHS	01	2	TT3	A2	02A					
61642	XA130	20			XA129	20			168	9		KXRS0B	15	KXEB1P	01	1	TDD	DP	11A					
61643	XA129	20			XA128	20			168	9		KXRS0B	16	KXIR1P	01	1	TDD	DP	11A					
61644	XA128	20			XA128	22			168	9		KXRS0B	17	KXEBOP	01	1	TDD	DP	11A					
61645	XA128	22			XA128	15			168	9		KXRS0B	18	KXIROP	01	1	TDD	CP	12A					
61646	XA128	15			XA127	10			168	9		KXRS0B	19	KXXACQ	01	1	TDD	AQ	07B					
61647	XA127	10			XA124	10			168	9		KXRS0B	20	KXRRSO	01	2	TQ2	A1	07A					
61648	XA124	10			XA124	13			168	9		KXRS0B	21	KLPT2R	01	3	TT3	A1	07A					
61649	XA124	13			XA124	05			168	9		KXRS0B	22	KSNCOR	01	3	TT3	A3	06B					
61650	XA124	05			XA124	25			168	9		KXRS0B	23	KLPTBR	01	3	TT3	A2	03B					
61651	XA124	25			XA124	26			168	9		KXRS0B	24	KBUSYR	01	3	TT3	B3	12B					
61652	XA124	26			XA124	34			168	9		KXRS0B	25	KIEN1R	01	3	TT3	B1	14A					
61653	XA124	34			XA124	42			168	9		KXRS0B	26	KSNC2R	01	3	TT3	C2	16A					
61654	XA124	42			XA125	50			168	9		KXRS0B	27	KSNC1R	01	3	TT3	C1	20A					
61655	XA125	50			XA125	56			168	9		KXRS0B	28	KAENOR	01	4	TD4	D2	23A					
61656	XA125	56			XA125	64			168	9		KXRS0B	29	KIENOR	01	4	TD4	D1	26A					
61657	XA125	64			XA124	62			168	9		KXRS0B	30	KAIENR	01	4	TD4	E2	30A					
61658	XA124	62			XA124	61			168	9		KXRS0B	31	KIOUTR	01	3	TT3	E2	29A					
61659	XA124	61			XA120	56			168	9		KXRS0B	32	KDRS00	01	3	TT3	E3	32B					
61660	XA120	56			XA120	48			168	9		KXRS0B	33	KAEN2R	01	3	TT3	D1	26A					
61661	XA120	48			XA120	49			168	9		KXRS0B	34	KAEN3R	01	3	TT3	D2	22A					
61662	XA120	49			XA120	37			168	9		KXRS0B	35	KDEV2R	01	3	TT3	D3	26B					
61663	XA120	37			XA120	34			168	9		KXRS0B	36	KAEN1R	01	3	TT3	C3	18B					
61664	XA120	34			XA120	42			168	9		KXRS0B	37	KAENR	01	3	TT3	C2	16A					
61665	XA120	42			XA122	43			168	9		KXRS0B	38	KAEOBR	01	3	TT3	C1	20A					
61666	XA122	43			XA120	70			168	9		KXRS0B	39	KDEV1R	01	2	TQ2	D3	23B					
61667	XA120	70			XA120	72			168	9		KXRS0B	40	KDEV3R	01	3	TT3	E1	33A					
61668	XA120	72			XA118	66			168	9		KXRS0B	41	KRSR00	01	3	TT3	E2	34A					
61669	XA118	66			XA117	66			168	9		KXRS0B	42	KXXREP	01	1	TDD	JP	31A					
61670	XA117	66			XA118	73			168	9		KXRS0B	43	KXXRCP	01	1	TDD	JP	31A					
61671	XA118	73			XA117	73			168	9		KXRS0B	44	KXXDIP	01	1	TDD	MP	36B					
61672	XA117	73			XA117	75			168	9		KXRS0B	45	KXXDSP	01	1	TDD	MP	36B					
61673	XA117	75			XA117	20			168	9		KXRS0B	46	KXXDDP	01	1	TDD	LP	37B		D02			
61675	XA117	20			XA118	20			168	9		KXRS0B	48	KDEVOP	01	1	TDD	DP	11A					
61676	XA118	20			XA118	22			168	9		KXRS0B	49	KDEV1P	01	1	TDD	DP	11A					
61677	XA118	22			XA118	04			168	9		KXRS0B	50	KPOUTP	01	1	TDD	CP	12A					
61678	XA118	04			XA117	04			168	9		KXRS0B	51	KLPT1P	01	1	TDD	BP	04A					
61679	XA117	04			XA120	23			168	9		KXRS0B	52	KLPTOP	01	1	TDD	BP	04A		E02			
62215	XA120	23										KXRS0B	53	KKTC10	01	2	TT3	B3	11B		E02			
61680	XA126	40			XA126	34			168	9		KXRS00	01	KXRS3A	01	1	TQ2	C1	19A					
61681	XA126	34			XA126	29			168	9		KXRS00	02	KXRS4A	01	1	TQ2	C2	16A					
****												SIGNAL	(KXRS00)	IS ON THE NEXT PAGE										****

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DRAWING NUMBER
UNIT ASSEMBLY NAME

149016-800
CARD CAGE ASSY,A,IFCU

STRING

UNIT ASSEMBLY NO.
FILE IDENT

149016
T39CIFC6

REV E
DATE 09-03-82

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RECORD NUMBER	FROM				TO				WIRE				SIGNAL	SEQ NO	EQUATION	TERM	FACTOR	CKT OR CHIP TYPE	GROUP	LOAD OR LOWER PLANE	TEST POINTS AND/OR	SIGNAL DESCRIPTION	ECO NO	
	PREFIX	CONNECTOR	PIN	SPEC	PREFIX	CONNECTOR	PIN	SPEC	MULTI GROUP	CODE	COLOR	IDENT												
61682		XA126	29		XA138	27				16B	9		KXRS00	03	KXRS5A	01	1	TQ2	C3		14B			
61683		XA138	27		XA135	08				16B	9		KXRS00	04	KXRS00	00	1	TQ2	B4		13B			
61684		XA135	08		XA135	04				16B	9		KXRS00	05	KXRS0A	01	1	TQ2	A1		06A			
61685		XA135	04		XA135	03				16B	9		KXRS00	06	KXRS1A	01	1	TQ2	A2		04A			
61686		XA135	03										KXRS00	07	KXRS2A	01	1	TQ2	A3		02A			
61687		XA135	01									J	KXRS1A	01	KXRS1A	00	1	TQ2	A2		02B	KXRS0B BUSS		
61688		XA126	33		XA126	38				16B	9		P	KXRS5A	01	KXRS1B	01	3	TQ2	C3		16B	MASTER RESET BUS 1	
61689		XA126	38		XA126	30				16B	9		P	KXRS3A	02	KXRS1B	01	1	TQ2	C1		18A	MASTER RESET BUS 1	
61690		XA126	30										P	KXRS4A	03	KXRS1B	01	2	TQ2	C2		15A	MASTER RESET BUS 1	
61691		XA135	09									J	KXRS2A	01	KXRS2A	00	1	TQ2	A3		04B	KXRS0B BUSS		
61692		XA126	38									J	KXRS3A	01	KXRS3A	00	1	TQ2	C1		18A	KXRS1B BUSS		
61693		XA126	30									J	KXRS4A	01	KXRS4A	00	1	TQ2	C2		15A	KXRS1B BUSS		
61694		XA126	33									J	KXRS5A	01	KXRS5A	00	1	TQ2	C3		16B	KXRS1B BUSS		
61695		XA139	54		XA138	52				16B	9		KXROCR	01	KXROCS	01	1	TQ2	D1		25A			
61696		XA138	52		XA131	43				16B	9		KXROCR	02	KXROCR	00	1	TQ2	D1		24A			
61697		XA131	43										KXROCR	03	KXXACO	01	1	TS8	D1		23B			
64207		XA139	52									J	KXROCS	01	KXROCS	00	1	TQ2	D1				KMROCB BUSS	
61703		XA113	52		XA114	08				16B	9		KXROPA	01	KXDV3A	01	6	TS8	D1		24A			
61704		XA114	08		XA125	13				16B	9		KXROPA	02	KXSS0A	01	6	TS8	A1		06A			
61705		XA125	13		XA131	37				16B	9		KXROPA	03	KXEA0A	01	4	TD4	A1		06B			
61706		XA131	37		XA135	75				16B	9		KXROPA	04	KXDV1A	01	5	TS8	C1		18B			
61707		XA135	75		XA137	79				16B	9		KXROPA	05	KXROPA	00	1	TQ2	F1		37B	I/O INPUT REG PAR		
61708		XA137	79										KXROPA	06	KXCA0A	01	4	TD4	F1		39B			
51501		XA326	05		XA333	35				16B	9		KXROPPR	00C	MXDPEA	01	3	TD4	A2		03B			
51500		XA333	35		XA336	77				16B	9		KXROPPR	00L	MXODEA	01	2	TT3	C3		17B			
51499		XA336	77		XA237	56				16B	9		KXROPPR	003	MXROPA	01	1	TQ2	F1		38B			
61710		XA237	56		XA135	77				16B	9		KXROPPR	01	KXROPPR	00	1	PAR	D1		26A	MXROPPR FOR LP3		
61709		XA135	77		XA132	35				16B	9		KXROPPR	02	KXROPA	01	1	TQ2	F1		38B			
61711		XA132	35		XA125	05				16B	9		KXROPPR	03	KXODEA	01	2	TT3	C3		17B			
61712		XA125	05										KXROPPR	04	KXDPEA	01	3	TD4	A2		03B			
61713		XA127	34		XA133	24				16B	9		KXR090T	01	KXDVC0	01	1	TQ2	C2		16A			
61714		XA133	24										KXR090T	02	KXR090T	00	1	DBC	B1		12A	DATA BYTE DECODER		
61715		XA133	26		XA126	54				16B	9		KXR091T	01	KXR091T	00	1	DBC	B2		13A			
61716		XA126	54										KXR091T	02	KXHST0	01	1	TQ2	D1		25A			
61717		XA127	54		XA133	27				16B	9		KXR092T	01	KXE0B0	01	1	TQ2	D1		25A			
61718		XA133	27										KXR092T	02	KXR092T	00	1	DBC	B3		14A			
										****	SIGNAL	KXR094T	IS ON THE NEXT PAGE				****							

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DRAWING NUMBER 149016-800 STRING UNIT ASSEMBLY NO. 149016 REV E INDEX KXR094T
 UNIT ASSEMBLY NAME CARD CAGE ASSY,A,IFCU FILE IDENT T39C1FC6 DATE 09-03-82 PAGE 53

RECORD NUMBER	FROM				TO				WIRE				SIGNAL	SEQ NO	EQUATION	TERM	FACTOR	CKT OR CHIP TYPE	GROUP	LOAD OR POWER PLANE	TEST POINTS AND/OR	SIGNAL DESCRIPTION	ECO NO	
	PREFIX	CONNECTOR	PIN	SH FC	PREFIX	CONNECTOR	PIN	SH FC	MULTI GROUP	CODE	COLOR	IDENT												
61719		XA126	35		XA133	33				16B	9		KXR094T	01	KXIRCO	01	1	TQ2	C4		17B			
61720		XA133	33										KXR094T	02	KXR094T	00	1	DBC	B5		16A			
61721		XA127	48		XA133	29				16B	9		KXR097T	01	KXSSTO	01	1	TQ2	D2		22A			
61722		XA133	29										KXR097T	02	KXR097T	00	1	DBC	B8		13B			
61723		XA133	31		XA127	29				16B	9		KXR098T	01	KXR098T	00	1	DBC	B9		14B			
61724		XA127	29										KXR098T	02	KXOFRO	01	1	TQ2	C3		14B			
61725		XA139	48		XA138	46				16B	9		KXR1CR	01	KXR1CS	01	1	TQ2	D2		22A			
61726		XA138	46		XA131	46				16B	9		KXR1CR	02	KXR1CR	00	1	TQ2	D2		21A			
61727		XA131	46		XA131	10				16B	9		KXR1CR	03	KXXACO	01	2	TS8	D1		21A			
61728		XA131	10										KXR1CR	04	KXCA1A	01	7	TS8	A1		07A			
64208		XA139	46									J	KXR1CS	01	KXR1CS	00	1	TQ2	D2				KMR1CB BUSS	
61733		XA139	41		XA138	45				16B	9		KXR2CR	01	KXR2CS	01	1	TQ2	D3		22B			
61734		XA138	45		XA131	48				16B	9		KXR2CR	02	KXR2CR	00	1	TQ2	D3		24B			
61735		XA131	48		XA131	13				16B	9		KXR2CR	03	KXXACO	01	3	TS8	D1		22A			
61736		XA131	13										KXR2CR	04	KXCA1A	01	8	TS8	A1		06B			
64209		XA139	45									J	KXR2CS	01	KXR2CS	00	1	TQ2	D3				KMR2CB BUSS	
61741		XA139	47		XA138	51				16B	9		KXR3CR	01	KXR3CS	01	1	TQ2	D4		25B			
61742		XA138	51		XA131	49				16B	9		KXR3CR	02	KXR3CR	00	1	TQ2	D4		27B			
61743		XA131	49										KXR3CR	03	KXXACO	01	4	TS8	D1		26B			
64210		XA139	51									J	KXR3CS	01	KXR3CS	00	1	TQ2	D4				KMR3CB BUSS	
61749		XA139	68		XA138	66				16B	9		KXR4CR	01	KXR4CS	01	1	TQ2	E1		32A			
61750		XA138	66		XA131	50				16B	9		KXR4CR	02	KXR4CR	00	1	TQ2	E1		31A			
61751		XA131	50		XA134	05				16B	9		KXR4CR	03	KXXACO	01	5	TS8	D1		23A			
61752		XA134	05										KXR4CR	04	KXRAF3T	01	1	DBC	A4		03B			
64211		XA139	66									J	KXR4CS	01	KXR4CS	00	1	TQ2	E1				KMR4CB BUSS	
61760		XA139	62		XA138	60				16B	9		KXR5CR	01	KXR5CS	01	1	TQ2	E2		29A			
61761		XA138	60		XA131	52				16B	9		KXR5CR	02	KXR5CR	00	1	TQ2	E2		28A			
61762		XA131	52										KXR5CR	03	KXXACO	01	6	TS8	D1		24A			
64212		XA139	60									J	KXR5CS	01	KXR5CS	00	1	TQ2	E2				KMR5CB BUSS	
61769		XA139	53		XA138	57				16B	9		KXR6CR	01	KXR6CS	01	1	TQ2	E3		28B			
61770		XA138	57		XA131	54				16B	9		KXR6CR	02	KXR6CR	00	1	TQ2	E3		30B			
61771		XA131	54										KXR6CR	03	KXXACO	01	7	TS8	D1		25A			
64213		XA139	57									J	KXR6CS	01	KXR6CS	00	1	TQ2	E3				KMR6CB BUSS	
61778		XA139	59		XA138	63				16B	9		KXR7CR	01	KXR7CS	01	1	TQ2	E4		31B			
61779		XA138	63		XA131	56				16B	9		KXR7CR	02	KXR7CR	00	1	TQ2	E4		33B			
												****	SIGNAL (KXR7CR) IS ON THE NEXT PAGE										****	

TM 11-5895-856-34-12/EE640-CA-MMI-120/E154 CPU/TO 31W2-2T-122-12

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DRAWING NUMBER
UNIT ASSEMBLY NAME

149016-800
CARD CAGE ASSY,A,IFCU

STRING

UNIT ASSEMBLY NO.
FILE IDENT

149016
T39C1FC6

REV E
DATE 09-03-82

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RECORD NUMBER	FROM				TO				WIRE				SIGNAL	SEQ NO	EQUATION	TERM	FACTOR	CKT OR CHIP TYPE	GROUP	LOAD OR POWER PLANE	TEST POINTS AND OR	SIGNAL DESCRIPTION	ECO NO	
	PREFIX	CONNECTOR	PIN	SH FTG	PREFIX	CONNECTOR	PIN	SH FTG	MULTI GROUP	CODE	COLOR	IDENT												
61780		XA131	56										KXR7CR	03	KXXACO	01	8	TS8	D1		26A			
64214		XA139	63									J	KXR7CS	01	KXR7CS	00	1	TQ2	E4			KMR7CB BUSS		
61787		XA122	69			XA127	35			16B	9		KXSK0A	01	KXSK0A	00	1	TQ2	F3		35A			
61788		XA127	35										KXSK0A	02	KXSK00	01	1	TQ2	C4		17B			
61789		XA134	69			XA133	69			16B	9		KXSK00	01	KXS032U	01	1	DBC	E2		32A			
61790		XA133	69			XA127	39			16B	9		KXSK00	02	KXS472U	01	1	DBC	E2		32A			
61791		XA127	39										KXSK00	03	KXSK00	00	1	TQ2	C4		19B			
61792		XA114	07			XA127	46			16B	9		KXSST0	01	KXS00A	01	5	TS8	A1		03A			
61793		XA127	46										KXSST0	02	KXSST0	00	1	TQ2	D2		21A	I/O BUFFER REGISTR		
61794		XA115	73			XA114	11			16B	9		KXS00A	01	KXXC10	01	3	TD4	F2		36B			
61795		XA114	11			XA131	18			16B	9		KXS00A	02	KXS00A	00	1	TS8	A1		05B	SOFTWARE STOP COMMA		
61796		XA131	18										KXS00A	03	KXST20	01	2	TS8	B1		10A			
61797		XA129	40			XA128	37			16B	9		KXST0Q	01	KXST1I	01	1	TDD	E1		19A			
61798		XA128	37										KXST0Q	02	KXST0Q	00	1	TDD	E0		18B	STOP SYNC COUNTER		
61799		XA123	45			XA128	42			16B	9		KXST1A	01	KXST1A	00	1	TQ2	D3		24B			
61800		XA128	42			XA138	23			16B	9		KXST1A	02	KXSTON	01	1	TDD	EN		20A			
61801		XA138	23										KXST1A	03	KXRS00	01	1	TQ2	B4		11B			
61802		XA123	41			XA129	37			16B	9		KXST1Q	01	KXST1A	01	1	TQ2	D3		22B			
61803		XA129	37										KXST1Q	02	KXST1Q	00	1	TDD	E0		18B	STOP SYNC COUNTER		
61804		XA126	45			XA128	39			16B	9		KXST2A	01	KXST2A	00	1	TQ2	D3		24B			
61805		XA128	39										KXST2A	02	KXST0Q	01	1	TDD	E0		19B			
61806		XA131	23			XA126	41			16B	9		KXST20	01	KXST20	00	1	TS8	B1		11B	START MASTER RESET		
61807		XA126	41										KXST20	02	KXST2A	01	1	TQ2	D3		22B			
64215		XA134	70									J	KXS031U	01	KXS031U	00	1	DBC	E1			KM031B BUSS		
64216		XA134	72									J	KXS032U	01	KXS032U	00	1	DBC	E2			KM032B BUSS		
64217		XA134	74									J	KXS033U	01	KXS033U	00	1	DBC	E3			KM033B BUSS		
64218		XA134	76									J	KXS034U	01	KXS034U	00	1	DBC	E4			KM034B BUSS		
64219		XA133	70									J	KXS471U	01	KXS471U	00	1	DBC	E1			KM471B BUSS		
64220		XA133	72									J	KXS472U	01	KXS472U	00	1	DBC	E2			KM472B BUSS		
64221		XA133	74									J	KXS473U	01	KXS473U	00	1	DBC	E3			KM473B BUSS		
64222		XA133	76									J	KXS474U	01	KXS474U	00	1	DBC	E4			KM474B BUSS		
													****	SIGNAL	KXXACA							IS ON THE	NEXT PAGE	****

H78-14 407
DRAWING NUMBER
UNIT ASSEMBLY NAME

149016-800
CARD CAGE ASSY, A, IFCU

STRING
UNIT ASSEMBLY NO. 149016
FILE IDENT T39C1FC6

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DATE 09-03-82 PAGE 55

RECORD NUMBER	FROM				TO				WIRE				SFC INST MISC	SIGNAL	SEQ NO	EQUATION	TERM	FACTOR	CKT OR CHIP TYPE	GROUP	LOAD OR POWER PLANE	TEST POINTS (AND/OR)	SIGNAL DESCRIPTION	ECO NO
	PREFIX	CONNECTOR	PIN	DR PG	PREFIX	CONNECTOR	PIN	DR PG	MULTI GROUP	CODE	COLOR	IDENT												
61840		XA139	39			XA137	56			16B	9			KXXACA	01	KXXACA	00	1	TQ2	C4		19B		
61841		XA137	56											KXXACA	02	KXXADO	01	4	TD4	D1		26A		
61842		XA128	11			XA129	06			16B	9			KXXACP	01	KXXACP	00	1	TDD	AP		05B		
61843		XA129	06			XA129	04			16B	9			KXXACP	02	KXXAOP	01	1	TDD	AP		05A		
61844		XA129	04			XA130	04			16B	9			KXXACP	03	KXXA2P	01	1	TDD	BP		04A		
61845		XA130	04			XA130	06			16B	9			KXXACP	04	KXXA3P	01	1	TDD	BP		04A		
61846		XA130	06											KXXACP	05	KXXA1P	01	1	TDD	AP		05A		
61847		XA139	35			XA131	47			16B	9			KXXACO	01	KXXACA	01	1	TQ2	C4		17B		
61848		XA131	47											KXXACO	02	KXXACO	00	1	TS8	D1		25B		
61849		XA128	06			XA135	69			16B	9			KXXADA	01	KXXACP	00	1	TDD	AP		05A		
61850		XA135	69											KXXADA	02	KXXADA	00	1	TQ2	F3		35A	START I/O STATE	
61851		XA137	47			XA135	65			16B	9			KXXADO	01	KXXADO	00	1	TD4	D1		25B		
61852		XA135	65											KXXADO	02	KXXADA	01	1	TQ2	F3		34B		
61853		XA113	48			XA114	05			16B	9			KXXAOP	01	KXDV3A	01	3	TS8	D1		22A		
61854		XA114	05			XA129	11			16B	9			KXXAOP	02	KXS50A	01	3	TS8	A1		03B		
61855		XA129	11			XA131	05			16B	9			KXXAOP	03	KXXAOP	00	1	TDD	AP		05B		
61856		XA131	05			XA131	34			16B	9			KXXAOP	04	KXA1A	01	3	TS8	A1		03B		
61857		XA131	34			XA135	62			16B	9			KXXAOP	05	KXDV1A	01	3	TS8	C1		16A		
61858		XA135	62			XA137	73			16B	9			KXXAOP	06	KXA5A	01	1	TQ2	E2		29A		
61859		XA137	73											KXXAOP	07	KXX05A	01	3	TD4	F2		36B		
61860		XA129	13			XA130	08			16B	9			KXXA0Q	01	KXXA0Q	00	1	TDD	AQ		06B	I/O STATE COUNTER	
61861		XA130	08			XA135	68			16B	9			KXXA0Q	02	KXXA1I	01	1	TDD	AI		06A		
61862		XA135	68											KXXA0Q	03	KXXA4A	01	1	TQ2	E1		32A		
61863		XA130	11			XA135	53			16B	9			KXXA1P	01	KXXA1P	00	1	TDD	AP		05B		
61864		XA135	53											KXXA1P	02	KXXA6A	01	1	TQ2	F3		28B		
61865		XA137	74			XA135	64			16B	9			KXXA1Q	01	KXX05A	01	4	TD4	F2		35B		
61866		XA135	64			XA131	36			16B	9			KXXA1Q	02	KXA5A	01	2	TQ2	E2		30A		
61867		XA131	36			XA131	06			16B	9			KXXA1Q	03	KXDV1A	01	4	TS8	C1		17A		
61868		XA131	06			XA130	13			16B	9			KXXA1Q	04	KXA1A	01	4	TS8	A1		05A		
61869		XA130	13			XA129	05			16B	9			KXXA1Q	05	KXXA1Q	00	1	TDD	AQ		06B	I/O STATE COUNTER	
61870		XA129	05			XA114	06			16B	9			KXXA1Q	06	KXA2I	01	1	TDD	BI		03B		
61871		XA114	06			XA113	49			16B	9			KXXA1Q	07	KXS50A	01	4	TS8	A1		05A		
61872		XA113	49											KXXA1Q	08	KXDV3A	01	4	TS8	D1		26B		
61873		XA135	55			XA130	05			16B	9			KXXA2Q	01	KXA6A	01	2	TQ2	E3		29B		
61874		XA130	05			XA129	07			16B	9			KXXA2Q	02	KXA3I	01	1	TDD	BI		03B		
61875		XA129	07											KXXA2Q	03	KXA2Q	00	1	TDD	BQ		03A	I/O STATE COUNTER	
61876		XA128	10			XA129	08			16B	9			KXXA3P	01	KXXACN	01	1	TDD	AN		07A		
61877		XA129	08			XA130	09			16B	9			KXXA3P	02	KXA0I	01	1	TDD	AI		06A		
61878		XA130	09											KXXA3P	03	KXA3P	00	1	TDD	BP		04B		
										****	SIGNAL	KXXA3Q	IS ON THE NEXT PAGE				****							

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DRAWING NUMBER
UNIT ASSEMBLY NAME

149016-800 STRING
CARD CAGE ASSY, A, IFCU

UNIT ASSEMBLY NO. 149016
FILE IDENT T39C1FC6

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RECORD NUMBER	FROM				TO				WIRE				SIGNAL	SEQ NO	EQUATION	TERM	FACTOR	CKT OR CHIP TYPE	GROUP	LOAD OR POWER PLANE	TEST POINTS		SIGNAL DESCRIPTION	ECO NO
	PREFIX	CONNECTOR	PIN	ST. FC	PREFIX	CONNECTOR	PIN	ST. FC	MULTI GROUP	CODE	COLOR	IDENT									SPEC. INST. MISC.	AND		
61879		XA130	07		XA127	24				168	9		KXXA30	01	KXXA30	00	1	TDD	BQ		03A	I/O STATE COUNTER		
61880		XA127	24		XA135	70				168	9		KXXA30	02	KXXBK0	01	1	TQ2	B1		13A			
61881		XA135	70										KXXA3Q	03	KXXA4A	01	2	TQ2	E1		33A			
61882		XA139	76		XA135	66				168	9		KXXA4A	01	KXXA40	01	1	TQ2	F4		37A			
61883		XA135	66										KXXA4A	02	KXXA4A	00	1	TQ2	F1		31A			
61884		XA135	20		XA139	80				168	9		KXXA40	01	KXX04A	01	2	TQ2	B2		11A			
61885		XA139	80										KXXA40	02	KXXA40	00	1	TQ2	F4		39A	I/O STATE COUNTER		
61886		XA138	77		XA135	60				168	9		KXXA5A	01	KXXA50	01	1	TQ2	F1		38B			
61887		XA135	60										KXXA5A	02	KXXA5A	00	1	TQ2	F2		28A			
61888		XA125	07		XA125	26				168	9		KXXA50	01	KXDPEA	01	4	TD4	A2		03A			
61889		XA125	26		XA132	37				168	9		KXXA50	02	KXEDA0	01	4	TD4	B1		14A			
61890		XA132	37		XA132	49				168	9		KXXA50	03	KXODEA	01	3	TT3	C3		18B			
61891		XA132	49		XA138	75				168	9		KXXA50	04	KXOD0A	01	3	TT3	D3		24B			
61892		XA138	75										KXXA50	05	KXXA50	00	1	TQ2	F1		37B	I/O STATE COUNTER		
61893		XA135	57		XA127	08				168	9		KXXA6A	01	KXXA6A	00	1	TQ2	E3		30B	I/O STATE COUNTER		
61894		XA127	08										KXXA6A	02	KXRRS0	01	1	TQ2	A1		06A			
61895		XA128	04		XA129	22				168	9		KXXBCA	01	KXXB0P	01	1	TDD	BP		04A			
61896		XA129	22		XA130	22				168	9		KXXBCA	02	KXXB1P	01	1	TDD	CP		12A			
61897		XA130	22		XA138	39				168	9		KXXBCA	03	KXXB2P	01	1	TDD	CP		12A			
61898		XA138	39										KXXBCA	04	KXXBCA	00	1	TQ2	C4		19B	RESET I/O BYTE COUN		
61899		XA138	35		XA132	50				168	9		KXXBC0	01	KXXBCA	01	1	TQ2	C4		17B			
61900		XA132	50										KXXBC0	02	KXXBC0	00	1	TT3	D1		23A			
61901		XA128	01		XA127	22				168	9		KXXBK0	01	KXXB0N	01	1	TDD	BN		02B			
61902		XA127	22		XA129	26				168	9		KXXBK0	02	KXXBK0	00	1	TQ2	B1		12A	I/O BYTE COUNTER		
61903		XA129	26		XA130	26				168	9		KXXBK0	03	KXXB1N	01	1	TDD	CN		14A			
61904		XA130	26										KXXBK0	04	KXXB2N	01	1	TDD	CN		14A			
61905		XA139	77		XA135	52				168	9		KXXB0A	01	KXXB00	01	1	TQ2	F1		38B			
61906		XA135	52		XA137	46				168	9		KXXB0A	02	KXXB0A	00	1	TQ2	D1		24A			
61907		XA137	46		XA137	38				168	9		KXXB0A	03	KXOFRR	01	2	TD4	D2		21A			
61908		XA137	38		XA137	31				168	9		KXXB0A	04	KXDVSR	01	2	TD4	C1		18A			
61909		XA137	31										KXXB0A	05	KXDVSR	01	2	TD4	C2		15B			
61910		XA137	71		XA135	54				168	9		KXXB0P	01	KXX05A	01	1	TD4	F2		36A			
61911		XA135	54		XA128	09				168	9		KXXB0P	02	KXXB0A	01	1	TQ2	D1		25A			
61912		XA128	09										KXXB0P	03	KXXB0P	00	1	TDD	BP		04B			
61913		XA135	48		XA135	47				168	9		KXXB0Q	01	KXXB1A	01	1	TQ2	D2		22A			
61914		XA135	47		XA129	24				168	9		KXXB0Q	02	KXXB3A	01	1	TQ2	D4		25B			
61915		XA129	24		XA128	07				168	9		KXXB0Q	03	KXXB1I	01	1	TDD	CT		13A			
61916		XA128	07										KXXB0Q	04	KXXB0Q	00	1	TDD	BQ		03A	I/O BYTE COUNTER		
										****	SIGNAL		KXXB00		IS ON THE						****			

H78-14 409
DRAWING NUMBER
UNIT ASSEMBLY NAME

149016-800 STRING
CARD CAGE ASSY, A, IFCU

UNIT ASSEMBLY NO. 149016
FILE IDENT T39C1FC6

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DATE 09-03-82 PAGE 57

RECORD NUMBER	FROM				TO				WIRE				SIGNAL	SEQ NO	EQUATION	TERM	FACTOR	CKT OR CHIP TYPE	GROUP	LOAD OR POWER PLANE	TEST POINTS		SIGNAL DESCRIPTION	ECO NO
	PREFIX	CONNECTOR	PIN	SH U	PREFIX	CONNECTOR	PIN	SH U	MULTI GROUP	CODE	COLOR	IDENT									SPEC INST MISC	AND		
61917		XA139	75		XA135	18							KXXB00	01	KXXB00	00	1	TQ2	F1		37B	I/O BYTE COUNTER		
61918		XA135	18						16B	9			KXXB00	02	KXX04A	01	1	TQ2	B2		10A			
61919		XA135	46		XA139	71							KXXB1A	01	KXXB1A	00	1	TQ2	D2		21A			
61920		XA139	71										KXXB1A	02	KXXB10	01	1	TQ2	F2		36A			
61921		XA129	23		XA135	50							KXXB1P	01	KXXB1P	00	1	TDD	CP		11B			
61922		XA135	50						16B	9			KXXB1P	02	KXXB1A	01	2	TQ2	D2		23A			
61923		XA135	41		XA130	24							KXXB1Q	01	KXXB2A	01	1	TQ2	D3		22B	I/O BYTE COUNTER		
61924		XA130	24		XA129	25							KXXB1Q	02	KXXB2I	01	1	TDD	CI		13A			
61925		XA129	25										KXXB1Q	03	KXXB1Q	00	1	TDD	CQ		12B			
61926		XA123	37		XA125	25							KXXB10	01	KX0DRA	01	2	TQ2	C4		18B	I/O BYTE COUNTER		
61927		XA125	25		XA131	04							KXXB10	02	KXED0A	01	3	TD4	B1		12B			
61928		XA131	04		XA139	72							KXXB10	03	KXCA1A	01	2	TS8	A1		04A			
61929		XA139	72										KXXB10	04	KXXB10	00	1	TQ2	F2		34A			
61930		XA137	19		XA137	25							KXXB2A	01	KXENAR	01	3	TD4	B2		09B	I/O BYTE COUNTER		
61931		XA137	25		XA135	45							KXXB2A	02	KXCMAR	01	3	TD4	B1		12B			
61932		XA135	45		XA139	65							KXXB2A	03	KXXB2A	00	1	TQ2	D3		24B			
61933		XA139	65										KXXB2A	04	KXXB20	01	1	TQ2	F3		34B			
61934		XA137	72		XA135	56							KXXB2P	01	KXX05A	01	2	TD4	F2		34A	I/O BYTE COUNTER		
61935		XA135	56		XA135	43							KXXB2P	02	KXXB0A	01	2	TQ2	D1		26A			
61936		XA135	43		XA130	23							KXXB2P	03	KXXB2A	01	2	TQ2	D3		23B			
61937		XA130	23		XA128	05							KXXB2P	04	KXXB2P	00	1	TDD	CP		11B			
61938		XA128	05										KXXB2P	05	KXXB0I	01	1	TDD	BI		03B			
61939		XA135	49		XA130	25							KXXB2Q	01	KXXB3A	01	2	TQ2	D4		26B	I/O BYTE COUNTER		
61940		XA130	25										KXXB2Q	02	KXXB2Q	00	1	TDD	CQ		12B			
61941		XA114	04		XA113	46							KXXB20	01	KXSS0A	01	2	TS8	A1		04A	I/O BYTE COUNTER		
61942		XA113	46		XA131	31							KXXB20	02	KXDV3A	01	2	TS8	D1		21A			
61943		XA131	31		XA132	47							KXXB20	03	KXDV1A	01	2	TS8	C1		15B			
61944		XA132	47		XA139	69							KXXB20	04	KX0D0A	01	2	TT3	D3		25B			
61945		XA139	69										KXXB20	05	KXXB20	00	1	TQ2	F3		35A			
61946		XA137	34		XA137	40							KXXB3A	01	KXDEVR	01	3	TD4	C2		16A	I/O BYTE COUNTER		
61947		XA137	40		XA137	48							KXXB3A	02	KXDVSR	01	3	TD4	C1		19A			
61948		XA137	48		XA135	51							KXXB3A	03	KX0FRR	01	3	TD4	D2		22A			
61949		XA135	51										KXXB3A	04	KXXB3A	00	1	TQ2	D4		27B			
61950		XA126	72		XA129	51							KXXCIA	01	KXXCIA	00	1	TQ2	F2		34A		I/O BYTE COUNTER	
61951		XA129	51										KXXCIA	02	KXXCIQ	01	1	TDD	G0		27B			
61952		XA132	57		XA129	47							KXXCIP	01	KXDBIO	01	1	TT3	E3		30B	I/O BYTE COUNTER		
61953		XA129	47		XA125	61							KXXCIP	02	KXXCIP	00	1	TDD	GP		25B			
61954		XA125	61										KXXCIP	03	KXXCRO	01	1	TD4	E1		32B			
										****	SIGNAL	{KXXCIQ	IS ON THE NEXT PAGE				****							

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DRAWING NUMBER
UNIT ASSEMBLY NAME

149016-800 STRING
CARD CAGE ASSY, A, IFCU

UNIT ASSEMBLY NO. 149016
FILE IDENT T39C1FC6

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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	SN PG	PREFIX	CONNECTOR	PIN	SN PG	MULTI GROUP	CODE	COLOR	IDENT											
61956		XA129	49										J	KXXCIQ	01	KXXCIQ	00	1	TDD	GQ	26B	KMXCIB BUSS	
61959		XA126	71		XA115	69				16B	9			KXXCIO	01	KXXCIA	01	1	TQ2	F2	36A	INDICATOR INPUT	
61960		XA115	69											KXXCIO	02	KXXCIO	00	1	TD4	F2	35A		
61961		XA130	52		XA130	50				16B	9			KXXCRO	01	KXXCOP	01	1	TDD	GP	24A		
61962		XA130	50		XA129	50				16B	9			KXXCRO	02	KXXC2P	01	1	TDD	HP	23A		
61963		XA129	50		XA128	52				16B	9			KXXCRO	03	KXXC3P	01	1	TDD	HP	23A		
61964		XA128	52		XA125	59				16B	9			KXXCRO	04	KXXC4P	01	1	TDD	GP	24A	IOU INPUT STROBE	
61965		XA125	59		XA118	75				16B	9			KXXCRO	05	KXXCRO	00	1	TD4	F1	31B		
61966		XA118	75											KXXCRO	06	KXXC1P	01	1	TDD	LP	37B		
61967		XA121	72		XA119	76				16B	9			KXXCSA	01	KXXCSA	00	1	TQ2	F2	34A	IOU INPUT STROBE	
61968		XA119	76											KXXCSA	02	KXXCSO	01	1	TQ2	F4	37A		
61969		XA137	07		XA137	13				16B	9			KXXCSO	01	KXXBOEA	01	4	TD4	A2	03A		
61970		XA137	13		XA119	80				16B	9			KXXCSO	02	KXXAOEA	01	4	TD4	A1	06B		
61971		XA119	80											KXXCSO	03	KXXCSO	00	1	TQ2	F4	39A		
61972		XA118	77		XA130	49				16B	9			KXXCOQ	01	KXXC1I	01	1	TDD	LI	38B	IOU INPUT STROBE	
61973		XA130	49											KXXCOQ	02	KXXCOO	00	1	TDD	GQ	26B		
61974		XA130	48		XA118	78				16B	9			KXXC1Q	01	KXXC2I	01	1	TDD	HI	22A		
61975		XA118	78											KXXC1Q	02	KXXC1Q	00	1	TDD	LQ	38A		
61976		XA121	71		XA122	65				16B	9			KXXC2Q	01	KXXCSA	01	1	TQ2	F2	36A		
61977		XA122	65		XA129	48				16B	9			KXXC2Q	02	KXXSKOA	01	1	TQ2	F3	34B		
61978		XA129	48		XA130	43				16B	9			KXXC2Q	03	KXXC3I	01	1	TDD	HI	22A		
61979		XA130	43											KXXC2Q	04	KXXC2Q	00	1	TDD	HQ	23B		
61980		XA129	45		XA122	74				16B	9			KXXC3P	01	KXXC3P	00	1	TDD	HP	24B		
61981		XA122	74											KXXC3P	02	KXXSKOA	01	2	TQ2	F3	35B		
61982		XA128	54		XA129	43				16B	9			KXXC3Q	01	KXXC4I	01	1	TDD	GI	25A		
61983		XA129	43											KXXC3Q	02	KXXC3Q	00	1	TDD	HQ	23B		
61984		XA130	54		XA129	56				16B	9			KXXC4P	01	KXXCOI	01	1	TDD	GI	25A		
61985		XA129	56		XA128	47				16B	9			KXXC4P	02	KXXCIN	01	1	TDD	GN	24A		
61986		XA128	47		XA118	72				16B	9			KXXC4P	03	KXXC4P	00	1	TDD	GP	25B		
61987		XA118	72		XA117	72				16B	9			KXXC4P	04	KXXDIN	01	1	TDD	MN	34A		
61988		XA117	72		XA117	79				16B	9			KXXC4P	05	KXXDSN	01	1	TDD	MN	34A		
61989		XA117	79											KXXC4P	06	KXXDDN	01	1	TDD	LN	34B		
61990		XA121	73		XA128	49				16B	9			KXXC4Q	01	KXXCSA	01	2	TQ2	F2	36B	IOU INPUT STROBE	
61991		XA128	49											KXXC4Q	02	KXXC4Q	00	1	TDD	GQ	26B		
61992		XA117	80		XA126	80				16B	9			KXXDDA	01	KXXDDQ	01	1	TDD	LQ	39A		
61993		XA126	80											KXXDDA	02	KXXDDA	00	1	TQ2	F4	39A		
61994		XA132	06		XA124	03				16B	9			KXXDDP	01	KXXDRQ	01	1	TT3	A1	05A		

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UNIT ASSEMBLY NAME

149016-800
CARD CAGE ASSY, A, IFCU

STRING
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RECORD NUMBER	FROM				TO				WIRE				SIGNAL	SEQ NO	EQUATION	TERM FACTOR	CKT OR CHIP TYPE	GROUP	LOAD OR POWER PLANE	TEST POINTS AND/OR	SIGNAL DESCRIPTION	ECO NO
	PREFIX	CONNECTOR	PIN	SH PC	PREFIX	CONNECTOR	PIN	SH PC	MULTI GROUP	CODE	COLOR	IDEN										
61995		XA124	03		XA124	08				168	9			KXXDDP	02	KLPT8R	01 2	TT3	A2	02A		
61996		XA124	08		XA125	66				168	9			KXXDDP	03	KLP2R	01 2	TT3	A1	06A		
61997		XA125	66		XA117	76				168	9			KXXDDP	04	KXXCR0	01 2	TD4	E1	31A		
61998		XA117	76											KXXDDP	05	KXXDDP	00 1	TDD	LP	37A		
61999		XA119	69		XA126	76				168	9			KXXDD0	01	KXXDD0	00 1	TQ2	F3	35A		
62000		XA126	76											KXXDD0	02	KXXDDA	01 1	TQ2	F4	37A		
62001		XA126	69		XA118	65				168	9			KXXDIA	01	KXXDIA	00 1	TQ2	F3	35A		
62002		XA118	65											KXXDIA	02	KXXDIO	01 1	TDD	MQ	34B		
62003		XA118	69		XA119	77				168	9			KXXDIP	01	KXXDIP	00 1	TDD	MP	35A		
62004		XA119	77		XA124	78				168	9			KXXDIP	02	KXDBS0	01 1	TQ2	F1	38B		
62005		XA124	78		XA125	68				168	9			KXXDIP	03	KXXQIR	01 3	TT3	F3	38A		
62006		XA125	68		XA132	59				168	9			KXXDIP	04	KXXCR0	01 3	TD4	E1	32A		
62007		XA132	59		XA132	08				168	9			KXXDIP	05	KXDBIO	01 2	TT3	E3	31B		
62008		XA132	08											KXXDIP	06	KXXDR0	01 2	TT3	A1	06A		
62009		XA125	19		XA121	55				168	9			KXXDIR	01	KPBZY0	01 3	TD4	B2	09B		
62010		XA121	55		XA123	65				168	9			KXXDIR	02	KXDV20	01 2	TQ2	E3	29B		
62011		XA123	65		XA124	80				168	9			KXXDIR	03	KXXDIS	01 1	TQ2	F3	34B		
62012		XA124	80											KXXDIR	04	KXXQIR	00 1	TT3	F3	39A		
62013		XA126	65		XA124	69				168	9			KXXDIS	01	KXXDIA	01 1	TQ2	F3	34B		
62014		XA124	69		XA123	69				168	9			KXXDIS	02	KXXDIR	01 1	TT3	F3	35A		
62015		XA123	69											KXXDIS	03	KXXDIS	00 1	TQ2	F3	35A		INTERRUPT WAIT FOR
62016		XA139	06		XA138	05				168	9			KXXDRA	01	KXXDRA	00 1	TQ2	A1	05A		DAT RECEIVE INHIBIT
62017		XA138	05		XA138	10				168	9			KXXDRA	02	KXBIEA	01 2	TQ2	A2	03B		
62018		XA138	10											KXXDRA	03	KXAIEA	01 2	TQ2	A1	07A		
62019		XA132	04		XA139	08				168	9			KXXDR0	01	KXXDR0	00 1	TT3	A1	04A		
62020		XA139	08											KXXDR0	02	KXXDRA	01 1	TQ2	A1	06A		
62021		XA117	69		XA119	79				168	9			KXXDSP	01	KXXDSP	00 1	TDD	MP	35A		
62022		XA119	79		XA125	70				168	9			KXXDSP	02	KXDBS0	01 2	TQ2	F1	39B		
62023		XA125	70		XA132	61				168	9			KXXDSP	03	KXXCR0	01 4	TD4	E1	33A		
62024		XA132	61		XA132	10				168	9			KXXDSP	04	KXDBIO	01 3	TT3	E3	32B		
62025		XA132	10											KXXDSP	05	KXXDR0	01 3	TT3	A1	07A		
62026		XA124	51		XA117	63				168	9			KXXRCA	01	KXXRCA	00 1	TT3	D3	27B		SET IOU REQUEST
62027		XA117	63											KXXRCA	02	KXXRCQ	01 1	TDD	JQ	33B		
62028		XA130	66		XA129	66				168	9			KXXRCQ	01	KXXROP	01 1	TDD	JP	31A		
62029		XA129	66		XA128	66				168	9			KXXRCQ	02	KXXR1P	01 1	TDD	JP	31A		
62030		XA128	66		XA117	61				168	9			KXXRCQ	03	KXXR2P	01 1	TDD	JP	31A		
62031		XA117	61											KXXRCQ	04	KXXRCQ	00 1	TDD	JQ	32B		IOU REQUEST CONTR
62032		XA115	76		XA124	45				168	9			KXXRC0	01	KXXRC0	00 1	TD4	F1	37A		IOU REQUEST OR GTE
62033		XA124	45											KXXRC0	02	KXXRCA	01 1	TT3	D3	24B		

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 DRAWING NUMBER
 UNIT ASSEMBLY NAME

149016-800
 CARD CAGE ASSY, A, IFCU

STRING
 UNIT ASSEMBLY NO. 149016
 FILE IDENT T39C1FC6

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 DATE 09-03-82 PAGE 60

RECORD NUMBER	FROM				TO				WIRE				SIGNAL	SEQ NO	EQUATION	TERM	FACTOR	CKT OR CHIP TYPE	GROUP	LOAD OR POWER PLANE	TEST POINTS		SIGNAL DESCRIPTION	ECO NO
	PREFIX	CONNECTOR	PIN	WIRE	PREFIX	CONNECTOR	PIN	WIRE	MULTI GROUP	CODE	COLOR	IDENT									NO	OR		
62034		XA124	35		XA124	47		168	9				KXXREP	01	KDEV2A	01	2	TT3	C3		17B			
62035		XA124	47		XA118	59		168	9				KXXREP	02	KXXRCA	01	2	TT3	D3		25B			
62036		XA118	59										KXXREP	03	KXXRCA	00	1	TDD	JP		31B			
62037		XA121	74		XA118	61		168	9				KXXREQ	01	KPRQPA	01	2	TQ2	F3		35B			
62038		XA118	61										KXXREQ	02	KXXREQ	00	1	TDD	JQ		32B	TOU REQUEST ENABLE		
62039		XA130	59		XA118	63		168	9				KXXROP	01	KXXROP	00	1	TDD	JP		31B			
62040		XA118	63										KXXROP	02	KXXREQ	01	1	TDD	JQ		33B			
62041		XA129	68		XA130	61		168	9				KXXROQ	01	KXXR1I	01	1	TDD	JI		32A			
62042		XA130	61		XA137	64		168	9				KXXROQ	02	KXXROQ	00	1	TDD	JQ		32B	TOU REQUEST COUNT		
62043		XA137	64		XA137	70		168	9				KXXROQ	03	KXBRQA	01	4	T04	E2		30A			
62044		XA137	70										KXXROQ	04	KXARQA	01	4	T04	E1		33A			
62045		XA128	68		XA129	61		168	9				KXXR1Q	01	KXXR2I	01	1	TDD	JI		32A			
62046		XA129	61										KXXR1Q	02	KXXR1Q	00	1	TDD	JQ		32B			
62047		XA130	68		XA128	59		168	9				KXXR2P	01	KXXR0I	01	1	TDD	JI		32A			
62048		XA128	59		XA117	70		168	9				KXXR2P	02	KXXR2P	00	1	TDD	JP		31B			
62049		XA117	70										KXXR2P	03	KXXRCN	01	1	TDD	JN		33A			
62050		XA137	24		XA137	18		168	9				KXX04A	01	KXCMAR	01	2	T04	B1		13A			
62051		XA137	18		XA135	14		168	9				KXX04A	02	KXENAR	01	2	T04	B2		10A			
62052		XA135	14										KXX04A	03	KXX04A	00	1	TQ2	B2		09A			
62053		XA138	71		XA137	69		168	9				KXX05A	01	KXX050	01	1	TQ2	F2		36A			
62054		XA137	69										KXX05A	02	KXX05A	00	1	T04	F2		35A	I/O STATE IS 5, I/O		
62055		XA125	10		XA138	72		168	9				KXX050	01	KXFA0A	01	3	T04	A1		07A			
62056		XA138	72		XA137	78		168	9				KXX050	02	KXX050	00	1	TQ2	F2		34A			
62057		XA137	78										KXX050	03	KXCA0A	01	3	T04	F1		38A			
62058		XA132	39		XA122	73		168	9				KX0DEA	01	KX0DEA	00	1	TT3	C3		19B	OFR DATA PARITY		
62059		XA122	73										KX0DEA	02	KCDESO	01	2	TQ2	F2		36B			
62060		XA123	39		XA124	59		168	9				KX0DRA	01	KX0DRA	00	1	TQ2	C4		19B	OFR RESET		
62061		XA124	59		XA120	71		168	9				KX0DRA	02	KDRS00	01	2	TT3	F3		31B			
62062		XA120	71										KX0DRA	03	KRSR00	01	2	TT3	F2		36A			
62063		XA115	74		XA117	03		168	9				KX0D0A	01	KXXCIO	01	4	T04	F2		35B			
62064		XA117	03		XA123	05		168	9				KX0D0A	02	KLPT00	01	1	TDD	BQ		02A			
62065		XA123	05		XA126	55		168	9				KX0D0A	03	KLPTBS	01	2	TQ2	A2		03B			
62066		XA126	55		XA126	64		168	9				KX0D0A	04	KDCP10	01	2	TQ2	E3		29B			
62067		XA126	64		XA132	51		168	9				KX0D0A	05	KDCP00	01	2	TQ2	E2		30A			
62068		XA132	51										KX0D0A	06	KX0D0A	00	1	TT3	D3		27B	OFR DATA STROBE		
62069		XA135	29		XA137	45		168	9				KX0FRR	01	KX0FRS	01	1	TQ2	C3		14B			

**** SIGNAL (KX0FRR) IS ON THE NEXT PAGE ****

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DRAWING NUMBER
UNIT ASSEMBLY NAME

149016-800
CARD CAGE ASSY, A, IFCU

STRING
UNIT ASSEMBLY NO. 149016
FILE IDENT T39C1FC6

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RECORD NUMBER	FROM			TO			WIRE				SIGNAL	SEQ NO	EQUATION	TRM	FACTOR	CKT OR COMP TYPE	GROUP	LOAD OR POWER PLANE	TEST POINTS AND OR	SIGNAL DESCRIPTION	ECO NO		
	PREFIX	CONNECTOR	PIN	PREFIX	CONNECTOR	PIN	SH FT	MULTI GROUP	CODE	COLOR												IDENT	SPC INST IN SEC
62070		XA137	45									KXOFRR	02	KXOFRR	00	1	TD4	D2	24B				
62071		XA123	35		XA132	45			168	9		KXOFRS	01	KXODRA	01	1	TQ2	C4	17B				
62072		XA132	45		XA132	33			168	9		KXOFRS	02	KXODOA	01	1	TT3	D3	24B				
62073		XA132	33		XA135	33			168	9		KXOFRS	03	KXODEA	01	1	TT3	C3	16B				
62074		XA135	33		XA137	43			168	9		KXOFRS	04	KXOFRS	00	1	TQ2	C3	16B		OFR COMMAND F/F		
62075		XA137	43									KXOFRS	05	KXOFRR	01	1	TD4	D2	23B				
62076		XA127	33		XA125	34			168	9		KXOFRO	01	KXOFRO	00	1	TQ2	C3	16B				
62077		XA125	34									KXOFRO	02	KXOROA	01	3	TD4	C2	16A				
62078		XA132	05		XA132	48			168	9		KXONLO	01	KXINHS	01	3	TT3	A2	03B				
62079		XA132	48		XA127	51			168	9		KXONLO	02	KXINOA	01	3	TT3	D2	22A				
62080		XA127	51									KXONLO	03	KXONLO	00	1	TQ2	D4	27B		ON LINE CONTROL		
62081		XA135	31		XA125	33			168	9		KXOROA	01	KXOFRS	01	2	TQ2	C3	15B				
62082		XA125	33									KXOROA	02	KXOROA	00	1	TD4	C2	16B		COMMAND IS OFR		
62083		XA130	33		XA135	59			168	9		KX1MAP	01	KX1MAP	00	1	TDD	FP	16B				
62084		XA135	59									KX1MAP	02	KXCPIA	01	1	TQ2	E4	31B				
62085		XA127	18		XA129	34			168	9		KX1MAQ	01	KXCP3A	01	1	TQ2	B2	10A				
62086		XA129	34		XA130	31			168	9		KX1MAQ	02	KXIMBI	01	1	TDD	FI	16A				
62087		XA130	31									KX1MAQ	03	KX1MAQ	00	1	TDD	F0	15B		2 PHASE CLOCK BIT		
62088		XA130	34		XA129	33			168	9		KX1MBP	01	KX1MAI	01	1	TDD	E1	16A				
62089		XA129	33		XA127	20			168	9		KX1MBP	02	KX1MBP	00	1	TDD	FP	16B				
62090		XA127	20									KX1MBP	03	KXCP3A	01	2	TQ2	B2	11A				
62091		XA135	61		XA129	31			168	9		KX1MBQ	01	KXCPIA	01	2	TQ2	E4	32B				
62092		XA129	31									KX1MBQ	02	KX1MBQ	00	1	TDD	F0	15B		2 PHASE CLOCK BIT		
62179		XA120	18		XA126	63			168	9		KOUTOA	01	KPDT90	01	3	TT3	B2	10A		A01		
63772		XA126	63									KOUTOA	02	KOUTOA	00	1	TQ2	E4	33B		SEND KEYBOARD DATA	A01	
62093		XA129	30		XA130	30			168	9		K04MZO	01	KX1MBN	01	1	TDD	FN	15A				
62094		XA130	30		XA139	27			168	9		K04MZO	02	KX1MAN	01	1	TDD	FN	15A				
62095		XA139	27									K04MZO	03	K04MZO	00	1	TQ2	B4	13B		4 MHZ RECEIVER		
62096		XA126	66		XA127	59			168	9		K16MHA	01	K16MHA	00	1	TQ2	E1	31A		16 MHZ RECEIVER		
62097		XA127	59		XA127	53			168	9		K16MHA	02	K16MIO	01	1	TQ2	E4	31B				
62098		XA127	53									K16MHA	03	K16MHO	01	1	TQ2	E3	28B				
62099		XA129	01		XA130	01			168	9		K16MHO	01	KXXA2N	01	1	TDD	BN	02B				
62100		XA130	01		XA129	10			168	9		K16MHO	02	KXXA3N	01	1	TDD	BN	02B				
62101		XA129	10		XA130	10			168	9		K16MHO	03	KXXAON	01	1	TDD	AN	07A				
62102		XA130	10		XA130	70			168	9		K16MHO	04	KXXAIN	01	1	TDD	AN	07A				
62103		XA130	70		XA129	70			168	9		K16MHO	05	KXXRON	01	1	TDD	JN	33A				
62104		XA129	70		XA128	70			168	9		K16MHO	06	KXXR1N	01	1	TDD	JN	33A				
62105		XA128	70		XA127	57			168	9		K16MHO	07	KXXR2N	01	1	TDD	JN	33A				
****											SIGNAL	K16MHO	IS ON THE NEXT PAGE										****

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149016-800 STRING
 CARD CAGE ASSY, A, IFCU

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RECORD NUMBER	FROM				TO				WIRE				SIGNAL	SQ NO	EQUATION	TERM FACTOR	CKT OR CHIP TYPE	GROUP	LOAD OR POWER PLANE	TEST POINTS AND OR	SIGNAL DESCRIPTION	ECO NO		
	PREFIX	CONNECTOR	PIN	SH 2	PREFIX	CONNECTOR	PIN	SH 2	VOLT GROUP	CODE	CO-OR	IDENT											SEC INST. MISC.	
62106		XA127	57										K16MHO	08	K16MHO	00	1	TQ2	E3		30B			
62107		XA129	46		XA130	46			168	9			K16MIO	01	KXXC3N	01	1	TDD	HN		21A			
62108		XA130	46		XA130	56			168	9			K16MIO	02	KXXC2N	01	1	TDD	HN		21A			
62109		XA130	56		XA128	56			168	9			K16MIO	03	KXXCON	01	1	TDD	GN		24A			
62110		XA128	56		XA127	63			168	9			K16MIO	04	KXXC4N	01	1	TDD	GN		24A			
62111		XA127	63		XA118	60			168	9			K16MIO	05	K16MIO	00	1	TQ2	E4		33B			
62112		XA118	60		XA117	60			168	9			K16MIO	06	KIEN1N	01	1	TDD	KN		28A			
62113		XA117	60		XA118	79			168	9			K16MIO	07	KIENON	01	1	TDD	KN		28A			
62114		XA118	79										K16MIO	08	KXXC1N	01	1	TDD	LN		39B			
40536		XA226	69		XA225	35			168	9			LAEBRA	01	LAEBRA	00	1	TD4	E2		35A	RESET FOR F/E		
40537		XA225	35										LAEBRA	02	LAEOBR	01	2	TT3	C3		17B			
40538		XA224	31		XA226	76			168	9			LAEOBA	01	LAEOBS	01	2	TQ2	C3		15B			
40539		XA226	76										LAEOBA	02	LAEOBA	00	1	TD4	F1		37A	SET FOR F/E		
40540		XA223	46		XA221	60			168	9			LAECPO	01	LAECPO	00	1	TQ2	D2		21A	MAIN TIMING COUNT		
40541		XA221	60		XA222	60			168	9			LAECPO	02	LAE14N	01	1	TDD	KN		28A			
40542		XA222	60		XA222	70			168	9			LAECPO	03	LAE13N	01	1	TDD	KN		28A			
40543		XA222	70		XA221	70			168	9			LAECPO	04	LAE10N	01	1	TDD	JN		33A			
40544		XA221	70		XA220	70			168	9			LAECPO	05	LAE11N	01	1	TDD	JN		33A			
40545		XA220	70										LAECPO	06	LAE12N	01	1	TDD	JN		33A			
40546		XA224	62		XA220	55			168	9			LAENCQ	01	LAESTO	01	1	TQ2	E2		29A			
40547		XA220	55										LAENCQ	02	LAENCQ	00	1	TDD	KQ		29B	MAIN TIMING COUNT		
40548		XA224	56		XA225	60			168	9			LAENOA	01	LAENS	01	2	TQ2	D1		26A			
40549		XA225	60		XA226	47			168	9			LAENOA	02	LAENS	01	2	TT3	E2		28A			
40550		XA226	47										LAENOA	03	LAENOA	00	1	TD4	D1		25B	START PRINT COMMAND		
40551		XA223	29		XA225	53			168	9			LAENOR	01	LAEN3A	01	1	TQ2	C3		14B			
40552		XA225	53		XA226	57			168	9			LAENOR	02	LAENOS	01	1	TT3	E2		28B			
40553		XA226	57										LAENOR	03	LAENOR	00	1	TD4	E2		30B			
40554		XA226	43		XA226	55			168	9			LAENOS	01	LAEN4A	01	1	TD4	D2		23B			
40555		XA226	55		XA225	55			168	9			LAENOS	02	LAENOR	01	1	TD4	E2		29B			
40556		XA225	55										LAENOS	03	LAENOS	00	1	TT3	E2		29B	PRINT COMMAND COUN		
40557		XA223	30		XA226	60			168	9			LAEN1A	01	LAEN1A	00	1	TQ2	C2		15A			
40558		XA226	60		XA233	66			168	9			LAEN1A	02	LAENOR	01	2	TD4	E2		28A			
40559		XA233	66										LAEN1A	03	LXXRCO	01	1	TT3	E1		31A			
40560		XA225	43		XA224	48			168	9			LAEN1R	01	LAEN1R	00	1	TT3	D2		23B			
40561		XA224	48										LAEN1R	02	LAEN1S	01	1	TQ2	D2		22A			
40562		XA223	34		XA225	41			168	9			LAEN1S	01	LAEN1A	01	1	TQ2	C2		16A			
40563		XA225	41		XA224	46			168	9			LAEN1S	02	LAEN1R	01	1	TT3	D2		22B			
40564		XA224	46										LAEN1S	03	LAEN1S	00	1	TQ2	D2		21A	PRINT COMMAND COUN		
										****	SIGNAL	(LAEN2A)	IS ON THE NEXT PAGE ****											

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149016-800
 CARD CAGE ASSY, A, IFCU

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RECORD NUMBER	FROM				TO				WIRE				SIGNAL	SEQ NO	EQUATION	TERM	FACTOR	CAT OR CHIP TYPE	GROUP	LOAD OR POWER PLANE	TEST POINTS (AND) OR	SIGNAL DESCRIPTION	ECO NO	
	PREFIX	CONNECTOR	PIN	SP. PG.	PREFIX	CONNECTOR	PIN	SP. PG.	MULTI GROUP	CODE	COLOR	IDEN												SP. INST. IN/SEC
40565		XA217	47			XA225	62			168	9		LAEN2A	01	LAEN2A	00	1	TS8	01		25B			
40566		XA225	62										LAEN2A	02	LAEN0S	01	3	TT3	E2		29A			
40567		XA223	41			XA225	51			168	9		LAEN2R	01	LAEN7A	01	1	TQ2	D3		22B			
40568		XA225	51			XA233	53			168	9		LAEN2R	02	LAEN2R	00	1	TT3	D3		27B			
40569		XA233	53										LAEN2R	03	LAEN2S	01	1	TT3	E2		28B			
40570		XA223	47			XA225	45			168	9		LAEN2S	01	LAEN6A	01	1	TQ2	D4		25B			
40571		XA225	45			XA233	55			168	9		LAEN2S	02	LAEN2R	01	1	TT3	D3		24B			
40572		XA233	55										LAEN2S	03	LAEN2S	00	1	TT3	E2		29B	PRINT COMMAND		
40573		XA223	33			XA225	46			168	9		LAEN3A	01	LAEN3A	00	1	TQ2	C3		16B			
40574		XA225	46										LAEN3A	02	LAEN1R	01	2	TT3	D2		21A			
40575		XA224	68			XA225	64			168	9		LAEN3R	01	LAEN3S	01	1	TQ2	E1		32A			
40576		XA225	64										LAEN3R	02	LAEN3R	00	1	TT3	E1		30A			
40577		XA223	68			XA224	66			168	9		LAEN3S	01	LAEN5A	01	1	TQ2	E1		32A			
40578		XA224	66			XA225	66			168	9		LAEN3S	02	LAEN3S	00	1	TQ2	E1		31A	PRINT COMMAND COUN		
40579		XA225	66										LAEN3S	03	LAEN3R	01	1	TT3	E1		31A			
40580		XA226	45			XA224	50			168	9		LAEN4A	01	LAEN4A	00	1	TD4	D2		24B			
40581		XA224	50										LAEN4A	02	LAEN1S	01	2	TQ2	D2		23A			
40582		XA220	64			XA223	66			168	9		LAEN5A	01	LAENCP	01	1	TDD	KP		30A			
40583		XA223	66			XA225	47			168	9		LAEN5A	02	LAEN5A	00	1	TQ2	E1		31A			
40584		XA225	47										LAEN5A	03	LAEN2R	01	2	TT3	D3		25B			
40585		XA224	70			XA223	51			168	9		LAEN6A	01	LAEN3S	01	2	TQ2	E1		33A			
40586		XA223	51										LAEN6A	02	LAEN6A	00	1	TQ2	D4		27B			
40587		XA223	45			XA225	68			168	9		LAEN7A	01	LAEN7A	00	1	TQ2	D3		24B			
40588		XA225	68										LAEN7A	02	LAEN3R	01	2	TT3	E1		32A			
40589		XA220	41			XA221	41			168	9		LAEST0	01	LAE04Q	01	1	TDD	HQ		22B			
40590		XA221	41			XA222	41			168	9		LAEST0	02	LAE03Q	01	1	TDD	HQ		22B			
40591		XA222	41			XA222	53			168	9		LAEST0	03	LAE02Q	01	1	TDD	HQ		22B			
40592		XA222	53			XA221	53			168	9		LAEST0	04	LAE13Q	01	1	TDD	KQ		28B			
40593		XA221	53			XA221	51			168	9		LAEST0	05	LAE14Q	01	1	TDD	KQ		28B			
40594		XA221	51			XA220	51			168	9		LAEST0	06	LAE00Q	01	1	TDD	GQ		27B			
40595		XA220	51			XA220	63			168	9		LAEST0	07	LAE01Q	01	1	TDD	GQ		27B			
40596		XA220	63			XA221	63			168	9		LAEST0	08	LAE12Q	01	1	TDD	JQ		33B			
40597		XA221	63			XA222	63			168	9		LAEST0	09	LAE11Q	01	1	TDD	JQ		33B			
40598		XA222	63			XA224	60			168	9		LAEST0	10	LAE10Q	01	1	TDD	JQ		33B			
40599		XA224	60										LAEST0	11	LAEST0	00	1	TQ2	E2		28A	RESET MAIN TIMING		
40600		XA224	29			XA225	39			168	9		LAE0BR	01	LAE0BS	01	1	TQ2	C3		14B			
40601		XA225	39			XA233	75			168	9		LAE0BR	02	LAE0BR	00	1	TT3	C3		19B			
40602		XA233	75										LAE0BR	03	LPINT0	01	1	TT3	F1		37B			
												****	SIGNAL	LAE0BS	IS ON THE NEXT PAGE				****					

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149016-800 STRING
CARD CAGE ASSY, A, IFCU

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RECORD NUMBER	FROM				TO				WIRE				SIGNAL	SEQ NO	EQUATION	TERM	FACTOR	CNT OR CHIP TYPE	GROUP	LOAD OP. POWER PLANE	TEST POINTS AND OR	SIGNAL DESCRIPTION	ECO NO
	PREFIX	CONNECTOR	PIN	SP. C.	PREFIX	CONNECTOR	PIN	DR. PC.	MULTI-GROUP	CODE	CO. OR	IDENT											
40603		XA225	33			XA224	33			16B	9		LAE0B5	01	LAE0BR	01	1	TT3	C3		16B		
40604		XA224	33										LAE0B5	02	LAE0BS	00	1	TQ2	C3		16B	FOR RECEIVED ON	
40607		XA233	78			XA221	47			16B	9		LAE00P	01	LPDBCA	01	3	TT3	E3		38A		
40608		XA221	47			XA218	07			16B	9		LAE00P	02	LAE00P	00	1	TDD	GP		25B		
40609		XA218	07										LAE00P	03	LPCRC A	01	4	TD4	A2		03A		
40610		XA232	62			XA220	54			16B	9		LAE00Q	01	LPINTA	01	4	TS8	E1		29A		
40611		XA220	54			XA221	49			16B	9		LAE00Q	02	LAE01I	01	1	TDD	GI		25A		
40612		XA221	49			XA218	25			16B	9		LAE00Q	03	LAE00Q	00	1	TDD	GQ		26B	MAIN TIMING COUNT	
40613		XA218	25										LAE00Q	04	LPFLIA	01	3	TD4	B1		12B		
40614		XA220	47			XA232	64			16B	9		LAE01P	01	LAE01P	00	1	TDD	GP		25B		
40615		XA232	64										LAE01P	02	LPINTA	01	5	TS8	E1		30A		
40616		XA232	74			XA222	48			16B	9		LAE01Q	01	LAQERA	01	4	TS8	F1		35B		
40617		XA222	48			XA220	49			16B	9		LAE01Q	02	LAE02I	01	1	TDD	HI		22A		
40618		XA220	49										LAE01Q	03	LAE01Q	00	1	TDD	GQ		26B		
40619		XA217	19			XA217	36			16B	9		LAE02P	01	LPDSCA	01	3	TS8	B1		09B		
40620		XA217	36			XA222	45			16B	9		LAE02P	02	LPCRSA	01	4	TS8	C1		17A		
40621		XA222	45			XA232	75			16B	9		LAE02P	03	LAE02P	00	1	TDD	HP		24B		
40622		XA232	75										LAE02P	04	LAQERA	01	5	TS8	F1		37B		
40623		XA226	73			XA221	48			16B	9		LAE02Q	01	LAEBRA	01	3	TD4	F2		36B		
40624		XA221	48			XA222	43			16B	9		LAE02Q	02	LAE03I	01	1	TDD	HI		22A		
40625		XA222	43										LAE02Q	03	LAE02Q	00	1	TDD	HQ		23B		
40626		XA218	26			XA221	45			16B	9		LAE03P	01	LPFLIA	01	4	TD4	B1		14A		
40627		XA221	45			XA226	74			16B	9		LAE03P	02	LAE03P	00	1	TDD	HP		24B		
40628		XA226	74										LAE03P	03	LAEBRA	01	4	TD4	F2		35B		
40629		XA221	43			XA220	48			16B	9		LAE03Q	01	LAE03Q	00	1	TDD	HQ		23B		
40630		XA220	48			XA217	50			16B	9		LAE03Q	02	LAE04I	01	1	TDD	HI		22A		
40631		XA217	50										LAE03Q	03	LAEN2A	01	5	TS8	D1		23A		
40632		XA223	48			XA221	54			16B	9		LAE04P	01	LAECPO	01	1	TQ2	O2		22A		
40633		XA221	54			XA220	45			16B	9		LAE04P	02	LAE00I	01	1	TDD	GI		25A		
40634		XA220	45			XA217	52			16B	9		LAE04P	03	LAE04P	00	1	TDD	HP		24B		
40635		XA217	52										LAE04P	04	LAEN2A	01	6	TS8	D1		24A		
40636		XA220	43			XA217	37			16B	9		LAE04Q	01	LAE04Q	00	1	TDD	HQ		23B	MAIN TIMING COUNT	
40637		XA217	37			XA217	20			16B	9		LAE04Q	02	LPCRSA	01	5	TS8	C1		18B		
40638		XA217	20										LAE04Q	03	LPDSCA	01	4	TS8	B1		11A		
40639		XA217	14			XA222	59			16B	9		LAE10P	01	LPDSCA	01	1	TS8	B1		09A		
40640		XA222	59			XA233	69			16B	9		LAE10P	02	LAE10P	00	1	TDD	JP		31B		
40641		XA233	69										LAE10P	03	LPDBCA	01	1	TT3	E3		35A		
40642		XA221	68			XA222	61			16B	9		LAE10Q	01	LAE11T	01	1	TDD	IT		32A		
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149016-800
CARD CAGE ASSY, A, IFCU

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	PREFIX	CONNECTOR	PIN	SH. FC	PREFIX	CONNECTOR	PIN	SH. FC	MULTI GROUP	CODE												
40643		XA222	61									LAE10Q	02	LAE10Q	00	1	TDD	JQ		32B	MAIN TIMING COUNT	
40644		XA220	68		XA221	61			16B	9		LAE11Q	01	LAE12I	01	1	TDD	JT		32A		
40645		XA221	61		XA217	31			16B	9		LAE11Q	02	LAE11Q	00	1	TDD	JQ		32B		
40646		XA217	31		XA218	04			16B	9		LAE11Q	03	LPCRSA	01	2	TS8	C1		15B		
40647		XA218	04									LAE11Q	04	LPCRCA	01	2	TD4	A2		04A		
40648		XA220	59		XA217	34			16B	9		LAE12P	01	LAE12P	00	1	TDD	JP		31B		
40649		XA217	34		XA218	05			16B	9		LAE12P	02	LPCRSA	01	3	TS8	C1		16A		
40650		XA218	05									LAE12P	03	LPCRCA	01	3	TD4	A2		03B		
40651		XA222	62		XA220	61			16B	9		LAE12Q	01	LAE13I	01	1	TDD	KI		29A		
40652		XA220	61									LAE12Q	02	LAE12Q	00	1	TDD	JQ		32B		
40653		XA232	60		XA232	72			16B	9		LAE13Q	01	LPINTA	01	2	TS8	E1		28A		
40654		XA232	72		XA226	71			16B	9		LAE13Q	02	LAOERA	01	2	TS8	F1		34A		
40655		XA226	71		XA221	62			16B	9		LAE13Q	03	LAEBRA	01	1	TD4	F2		36A		
40656		XA221	62		XA222	55			16B	9		LAE13Q	04	LAE14I	01	1	TDD	KI		29A		
40657		XA222	55		XA217	48			16B	9		LAE13Q	05	LAE13Q	00	1	TDD	KQ		29B		
40658		XA217	48		XA218	22			16B	9		LAE13Q	06	LAEN2A	01	3	TS8	D1		22A		
40659		XA218	22									LAE13Q	07	LPFLIA	01	1	TD4	B1		12A		
40660		XA233	76		XA232	73			16B	9		LAE14P	01	LPDBCA	01	2	TT3	F3		37A		
40661		XA232	73		XA232	61			16B	9		LAE14P	02	LAOERA	01	3	TS8	F1		36B		
40662		XA232	61		XA226	72			16B	9		LAE14P	03	LPINTA	01	3	TS8	E1		32B		
40663		XA226	72		XA222	68			16B	9		LAE14P	04	LAEBRA	01	2	TD4	F2		34A		
40664		XA222	68		XA221	57			16B	9		LAE14P	05	LAE10I	01	1	TDD	JT		32A		
40665		XA221	57		XA217	49			16B	9		LAE14P	06	LAE14P	00	1	TDD	KP		30B		
40666		XA217	49		XA218	24			16B	9		LAE14P	07	LAEN2A	01	4	TS8	D1		26B		
40667		XA218	24		XA217	18			16B	9		LAE14P	08	LPFLIA	01	2	TD4	B1		13A		
40668		XA217	18									LAE14P	09	LPDSCA	01	2	TS8	B1		10A		
40669		XA220	60		XA221	55			16B	9		LAE14Q	01	LAENCN	01	1	TDD	KN		28A		
40670		XA221	55									LAE14Q	02	LAE14Q	00	1	TDD	KQ		29B	MAIN TIMING COUNT	
40671		XA225	50		XA224	54			16B	9		LAOENR	01	LAOENR	00	1	TT3	D1		23A		
40672		XA224	54									LAOENR	02	LAOENS	01	1	TQ2	D1		25A		
40673		XA224	52		XA225	52			16B	9		LAOENS	01	LAOENS	00	1	TQ2	D1		24A	AUTO OUTPUT ENABLE	
40674		XA225	52		XA226	62			16B	9		LAOENS	02	LAOENR	01	1	TT3	D1		24A		
40675		XA226	62		XA226	77			16B	9		LAOENS	03	LAENOR	01	3	TD4	E2		29A		
40676		XA226	77		XA225	75			16B	9		LAOENS	04	LAERDA	01	2	TD4	F1		38B		
40677		XA225	75		XA219	72			16B	9		LAOENS	05	LPTOCA	01	1	TT3	F1		37B		
40678		XA219	72		XA217	46			16B	9		LAOENS	06	LXDB4TC	01	2	MUX	E3		35A		
40679		XA217	46									LAOENS	07	LAEN2A	01	2	TS8	D1		21A		
40680		XA225	54		XA232	76			16B	9		LAOERA	01	LAOENR	01	2	TT3	D1		25A		
40681		XA232	76									LAOERA	02	LAOERA	00	1	TS8	F1		37A	RESET AUTO OUTPUT	
40682		XA218	21		XA224	19			16B	9		LBSYQA	01	LBSYQA	00	1	TD4	R2		10B	SET HARWARE BUSY	
									****		SIGNAL	(LBSYQA)		IS ON THE						NEXT PAGE	****	

H78-14 418
 DRAWING NUMBER
 UNIT ASSEMBLY NAME

149016-800
 CARD CAGE ASSY, A, IFCU

STRING
 UNIT ASSEMBLY NO. 149016
 FILE IDENT T39C1FC6

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RECORD NUMBER	FROM				TO				WIRE				SIGNAL	SNO NO	EQUATION	TERM	FACTOR	CKT OR CHIP TYPE	GROUP	LOAD OR POWER PLANE	TEST POINTS AND/OR	SIGNAL DESCRIPTION	ECO NO
	PREFIX	CONNECTOR	PIN	OR	PREFIX	CONNECTOR	PIN	OR	MULTI GROUP	CODE	CO. GR	IDENT											
40683		XA224	19										LBSYOA	02	LBUSYS	01	2	TQ2	B3		09B		
40684		XA226	36		XA226	42			168	9			LBUSYA	01	LXOROA	01	4	TD4	C2		17A		
40685		XA226	42		XA224	51			168	9			LBUSYA	02	LXDOVA	01	4	TD4	C1		20A		
40686		XA224	51										LBUSYA	03	LBUSYA	00	1	TQ2	D4		27B	HARDWARE BUSY WHEN	
40687		XA217	61		XA224	17			168	9			LBUSYR	01	LSNCOA	01	3	TS8	E1		32B		
40688		XA224	17		XA225	27			168	9			LBUSYR	02	LBUSYS	01	1	TQ2	B3		08B		
40689		XA225	27		XA233	71			168	9			LBUSYR	03	LBUSYR	00	1	TT3	B3		13B		
40690		XA233	71										LBUSYR	04	LSC11A	01	2	TT3	F2		36A		
40691		XA226	54		XA225	21			168	9			LBUSYS	01	LAENOA	01	3	TD4	D1		25A		
40692		XA225	21		XA224	21			168	9			LBUSYS	02	LBUSYR	01	1	TT3	B3		10B		
40693		XA224	21		XA218	10			168	9			LBUSYS	03	LBUSYS	00	1	TQ2	B3		10B	HARDWARE BUSY E/F	
40694		XA218	10										LBUSYS	04	LPPFOA	01	3	TD4	A1		07A		
40695		XA219	77		XA220	13			168	9			LCDERQ	01	LXDB4TB	01	2	MUX	E2		36B		
40696		XA220	13										LCDERQ	02	LCDERQ	00	1	TDD	A0		06B	COMPUTER DATA PART	
40697		XA224	57		XA220	15			168	9			LCDESA	01	LCDESA	00	1	TQ2	E3		30B		
40698		XA220	15										LCDESA	02	LCDERO	01	1	TDD	A0		07B		
40699		XA223	09		XA224	53			168	9			LCDESO	01	LCDESO	00	1	TQ2	A3		04B	SET COMPUTER DATA	
40700		XA224	53										LCDESO	02	LCDESA	01	1	TQ2	E3		28B		
40701		XA230	79		XA231	79			168	9			LDCP00	01	LD03BN	01	1	TDD	LN		39B		
40702		XA231	79		XA231	72			168	9			LDCP00	02	LD00BN	01	1	TDD	LN		39B		
40703		XA231	72		XA231	60			168	9			LDCP00	03	LD01BN	01	1	TDD	MN		34A		
40704		XA231	60		XA230	60			168	9			LDCP00	04	LD0PBN	01	1	TDD	KN		28A		
40705		XA230	60		XA227	60			168	9			LDCP00	05	LD02BN	01	1	TDD	KN		28A		
40706		XA227	60										LDCP00	06	LDCP00	00	1	TQ2	E2		28A	DATA REGISTER CLOC	
40707		XA227	57		XA229	60			168	9			LDCP10	01	LDCP10	00	1	TQ2	E3		30B	DATA REGISTER CLOC	
40708		XA229	60		XA230	72			168	9			LDCP10	02	LD05BN	01	1	TDD	KN		28A		
40709		XA230	72		XA229	72			168	9			LDCP10	03	LD04BN	01	1	TDD	MN		34A		
40710		XA229	72		XA229	79			168	9			LDCP10	04	LD07BN	01	1	TDD	MN		34A		
40711		XA229	79										LDCP10	05	LD06BN	01	1	TDD	LN		39B		
40713		XA246	46		XA348	56			168	9			LDMNCB4	01				RR4	D2			802	
64572		XA348	56		XA250	31			168	9			LDMNCB4	02				SHT					804
64225		XA250	31										LDMNCB4	03				EXT					804
40712		XA245	80		XA348	54			168	9			LDMNCDX	01	LDMNCDX	00	1	DCF	D5		38B	SEND DATA TO PRINT	C01
64827		XA348	54										LDMNCDX	02				SHT					C01
40519		XA245	79		XA250	32			168	9			LDMNCDXR	01				DCF			40B		
64224		XA250	32										LDMNCDXR	02				EXT					804
40714		XA239	19		XA240	14			168	9			LDMNCO	01	LDMNDA	01	2	TQ2	B3		09B		
40715		XA240	14										LDMNCO	02	LDMNCO	00	1	TQ2	B2		09A		

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UNIT ASSEMBLY NAME

149016-800 STRING
CARD CAGE ASSY, A, IFCU

UNIT ASSEMBLY NO. 149016
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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	PREFIX	CONNECTOR	PIN	WIRE	MULTI GROUP	CODE	COLOR	IDENT											WIRE		
40716		XA245	76		XA240	18				168	9		LDMNCOX	01	LDMNCOX	00	1	DCF	D6		38A				
40717		XA240	18										LDMNCOX	02	LDMNCO	01	1	TQ2	B2		10A				
40718		XA239	21		XA240	17				168	9		LDMNDA	01	LDMNDA	00	1	TQ2	B3		10B				
40719		XA240	17										LDMNDA	02	LDMNDO	01	1	TQ2	B3		08B				
40720		XA246	35		XA348	53				168	9		LDMNDB4	01				RR4	D3			B02			
64826		XA348	53		XA250	29				168	9		LDMNDB4	02				SHT				B04			
64227		XA250	29										LDMNDB4	03				EXT				B04			
40721		XA245	61		XA348	51				168	9		LDMNDDX	01	LDMNDDX	00	1	DCF	D7		33A	SEND DATA TO PRINTER			
64824		XA348	51										LDMNDDX	02				SHT				C01			
40513		XA245	59		XA250	30				168	9		LDMNDDXR	01				DCF							
64226		XA250	30										LDMNDDXR	02				EXT				904			
40722		XA226	46		XA223	40				168	9		LDMNDQ	01	LAEN4A	01	2	TD4	D2		21A				
40723		XA223	40		XA223	23				168	9		LDMNDQ	02	LKRS1A	01	1	TQ2	C1		19A				
40724		XA223	23		XA222	07				168	9		LDMNDQ	03	LKRS0A	01	1	TQ2	B4		11B				
40725		XA222	07										LDMNDQ	04	LDMNDQ	00	1	TDD	B0		03A	PRINTER REQUEST I			
40726		XA240	21		XA222	05				168	9		LDMNDO	01	LDMNDO	00	1	TQ2	B3		10B				
40727		XA222	05										LDMNDO	02	LDMNOI	01	1	TDD	B1		03B				
40728		XA239	17		XA245	68				168	9		LDMNDOX	01	LDMNDA	01	1	TQ2	B3		08B				
40729		XA245	68										LDMNDOX	02	LDMNDOX	00	1	DCF	D8		34A				
40730		XA231	64		XA230	64				168	9		LDRSOA	01	LD0BP	01	1	TDD	KP		30A				
40731		XA230	64		XA231	73				168	9		LDRSOA	02	LD02BP	01	1	TDD	KP		30A				
40732		XA231	73		XA231	75				168	9		LDRSOA	03	LD01BP	01	1	TDD	MP		36B				
40733		XA231	75		XA230	75				168	9		LDRSOA	04	LD00BP	01	1	TDD	LP		37B				
40734		XA230	75		XA228	75				168	9		LDRSOA	05	LD03BP	01	1	TDD	LP		37B				
40735		XA228	75										LDRSOA	06	LDRSOA	00	1	TQ2	F1		37B				
40736		XA228	77		XA228	71				168	9		LDRSO0	01	LDRSOA	01	1	TQ2	F1		38B				
40737		XA228	71		XA227	63				168	9		LDRSO0	02	LDRS1A	01	1	TQ2	F2		36A				
40738		XA227	63										LDRSO0	03	LDRSO0	00	1	TQ2	E4		33B	RESET DATA REGISTER			
40739		XA229	64		XA230	73				168	9		LDRS1A	01	LD05BP	01	1	TDD	KP		30A				
40740		XA230	73		XA229	75				168	9		LDRS1A	02	LD04BP	01	1	TDD	MP		36B				
40741		XA229	75		XA229	73				168	9		LDRS1A	03	LD06BP	01	1	TDD	LP		37B				
40742		XA229	73		XA228	72				168	9		LDRS1A	04	LD07BP	01	1	TDD	MP		36B				
40743		XA228	72										LDRS1A	05	LDRS1A	00	1	TQ2	F2		34A				
40744		XA242	61		XA231	55				168	9		LD0PBQ	01	LP0BP01	01	2	TLD	E4		32B				
40745		XA231	55										LD0PBQ	02	LD0PBQ	00	1	TDD	KQ		29B	DATA REGISTER BIT			
40746		XA219	51		XA231	78				168	9		LD00BQ	01	LX0B0TA	01	1	MUX	D1		25B				
												****	SIGNAL	LD00BQ	IS ON THE NEXT PAGE										****

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DRAWING NUMBER
UNIT ASSEMBLY NAME

149016-800 STRING
CARD CAGE ASSY, A, IFCU

UNIT ASSEMBLY NO. 149016
FILE IDENT T39C1FC6

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RECORD NUMBER	FROM			TO			WIRE				MULTI GROUP	CODL	COLOR	IDEN	SIGNAL	SEQ NO	EQUATION	TERM	FACTOR	CKT OR CHIP TYPE	GROUP	LOAD UP POWER PLANE	TEST POINTS AND/OR	SIGNAL DESCRIPTION	ECO NO	
	PREF.X	CONNECTOR	PIN	PREF.X	CONNECTOR	PIN	DR.FG	WIRE	WIRE																	
40747		XA231	78											LD00BQ	02	LD00BQ	00	1	TDD	LQ		38A	DATA REGISTR BIT 0			
40748		XA241	73	XA231	74				168	9				LD01BQ	01	LP0B7D1	01	2	TLD	F2		36B				
40749		XA231	74	XA219	57				168	9				LD01BQ	02	LD01BQ	00	1	TDD	MQ		35B				
40750		XA219	57											LD01BQ	03	LXDB0TB	01	1	MUX	D2		29B				
40751		XA219	54	XA230	55				168	9				LD02BQ	01	LXDB0TC	01	1	MUX	D3		26A				
40752		XA230	55	XA241	79				168	9				LD02BQ	02	LD02BQ	00	1	TDD	KQ		29B				
40753		XA241	79											LD02BQ	03	LP0B6D1	01	2	TLD	FI		39B				
40754		XA242	73	XA230	78				168	9				LD03BQ	01	LP0B5D1	01	2	TLD	F2		36B				
40755		XA230	78	XA219	62				168	9				LD03BQ	02	LD03BQ	00	1	TDD	LQ		38A				
40756		XA219	62											LD03BQ	03	LXDB0TD	01	1	MUX	D4		29A				
40757		XA219	69	XA230	74				168	9				LD04BQ	01	LXDB4TA	01	1	MUX	E1		32A				
40758		XA230	74	XA241	55				168	9				LD04BQ	02	LD04BQ	00	1	TDD	MQ		35B				
40759		XA241	55											LD04BQ	03	LP0B4D	01	2	TLD	E3		29B				
40760		XA219	75	XA229	55				168	9				LD05BQ	01	LXDB4TB	01	1	MUX	E2		35B				
40761		XA229	55	XA241	64				168	9				LD05BQ	02	LD05BQ	00	1	TDD	KQ		29B				
40762		XA241	64											LD05BQ	03	LP0B3D	01	2	TLD	E2		30A				
40763		XA219	70	XA229	78				168	9				LD06BQ	01	LXDB4TC	01	1	MUX	E3		34A				
40764		XA229	78	XA242	79				168	9				LD06BQ	02	LD06BQ	00	1	TDD	LQ		38A				
40765		XA242	79											LD06BQ	03	LP0B2D1	01	2	TLD	F1		39B				
40766		XA219	76	XA229	74				168	9				LD07BQ	01	LXDB4TD	01	1	MUX	E4		37A				
40767		XA229	74	XA241	70				168	9				LD07BQ	02	LD07BQ	00	1	TDD	MQ	1	35B	DATA REGISTER BIT			
40768		XA241	70											LD07BQ	03	LP0B1D	01	2	TLD	E1		33A				
40769		XA231	35	XA223	20				168	9				LFRMFQ	01	LFRMFQ	00	1	TDD	EP		17B				
40770		XA223	20											LFRMFQ	02	LINT2A	01	2	TQ2	B2		11A				
40771		XA218	06	XA231	37				168	9				LFRMFQ	01	LIPFOA	01	1	TD4	A1		05A				
40772		XA231	37											LFRMFQ	02	LFRMFQ	00	1	TDD	EQ		18B	FORM FEED COMMAND			
40773		XA227	21	XA231	40				168	9				LFRMFO	01	LFRMFO	00	1	TQ2	B3		10B				
40774		XA231	40											LFRMFO	02	LFRMEI	01	1	TDD	EI		19A				
40775		XA225	11	XA225	23				168	9				LINT1A	01	LSNCOB	01	2	TT3	A3		05B				
40776		XA225	23	XA223	75				168	9				LINT1A	02	LBUSYR	01	2	TT3	B3		11B				
40777		XA223	75	XA217	62				168	9				LINT1A	03	LINT1A	00	1	TQ2	F1		37B	END OF DEV COMMAND			
40778		XA217	62											LINT1A	04	LSNCOA	01	4	TS8	E1		29A				
40779		XA218	76	XA223	77				168	9				LINT10	01	LINT10	00	1	TD4	F1		37A				
40780		XA223	77	XA223	18				168	9				LINT10	02	LINT1A	01	1	TQ2	F1		38B				
40781		XA223	18											LINT10	03	LINT2A	01	1	TQ2	B2		10A				
40782		XA226	18	XA223	14				168	9				LINT2A	01	LPB2Y0	01	2	TD4	B2		10A				
40783		XA223	14	XA224	74				168	9				LINT2A	02	LINT2A	00	1	TQ2	B2		09A	END DEV COMND REQ			
												****	SIGNAL	LINT2A	IS ON THE NEXT PAGE										****	

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149016-800 STRING
CARD CAGE ASSY, A, IFCU

UNIT ASSEMBLY NO. 149016
FILE IDENT T39C1FC6

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DATE 09-03-82 PAGE 70

RECORD NUMBER	FROM			TO			WIRE				SIGNAL	SEQ NO	EQUATION	TERM	FACTOR	CKT OR CHIP TYPE	GROUP	LOAD OR POWER PLANE	TEST POINTS AND/OR	SIGNAL DESCRIPTION	ECO NO		
	PREFIX	CONNECTOR	PIN	SN FC	PREFIX	CONNECTOR	PIN	SH FC	MULTI GROUP	CODE												COLOR	IDENT
40822		XA223	62		XA234	62			16B	9		LK12B4U	01	LK12BA	01	1	TQ2	E2	29A				
40823		XA234	62									LK12B4U	02	LK12B4U	00	1	DBC	D4	29A				
40824		XA220	34		XA221	31			16B	9		LK168Q	01	LK17BI	01	1	TDD	FI	16A				
40825		XA221	31									LK168Q	02	LK168Q	00	1	TDD	FQ	15B	REQUEST TIMER BIT			
40826		XA235	51		XA221	34			16B	9		LK17BP	01	LK18B2U	01	1	DBC	D2	25B				
40827		XA221	34		XA220	33			16B	9		LK17BP	02	LK168I	01	1	TDD	EI	16A				
40828		XA220	33									LK17BP	03	LK17BP	00	1	TDD	FP	16B				
40829		XA223	52		XA222	56			16B	9		LK18BA	01	LK18BA	00	1	TQ2	D1	24A	REQUEST TIMER CLOC			
40830		XA222	56									LK18BA	02	LK22BN	01	1	TDD	GN	26A				
40831		XA223	54		XA235	62			16B	9		LK18B4U	01	LK18BA	01	1	TQ2	D1	25A				
40832		XA235	62									LK18B4U	02	LK18B4U	00	1	DBC	D4	29A				
40833		XA223	35		XA222	49			16B	9		LK22BQ	01	LK2290	01	1	TQ2	C4	17B				
40834		XA222	49		XA225	77			16B	9		LK22BQ	02	LK22BQ	00	1	TDD	G0	26B	REQUEST TIMER BIT			
40835		XA225	77									LK22BQ	03	LPTOCA	01	2	TT3	F1	38B				
40836		XA222	54		XA223	39			16B	9		LK2290	01	LK228I	01	1	TDD	GI	25A				
40837		XA223	39									LK2290	02	LK2290	00	1	TQ2	C4	19B				
64648		XA247	15		XA250	17			16B	9		LLPDSB	01				SHT				D03		
64231		XA250	17									LLPDSB	02				EXT					D03	
64228		XA242	16	1	XA250	18	1		16B	9		LLPDSDR	01				TLD		01B			A01	
64229		XA250	18									LLPDSDR	02				EXT						B04
40839		XA241	52		XA243	23			16B	9		LLPDS01	01	LLPDS01	00	1	TLD	D1	24A	PRINTER DATA STROB			
64230		XA243	23		XA247	13			16B	9		LLPDS01	02				RR1	C1					D03
64646		XA247	13									LLPDS01	03				SHT						D03
64641		XA247	07		XA250	21			16B	9		LLPFFB	01				SHT						D03
64235		XA250	21									LLPFFB	02				EXT						D03
64232		XA243	32	1	XA250	22	1		16B	9		LLPFFDR	01				RR1						B04
64233		XA250	22									LLPFFDR	02				EXT						
40840		XA241	46		XA243	25			16B	9		LLPFFD1	01	LLPFFD1	00	1	TLD	D2	21A	PRINTER FORM FEED			
64234		XA243	25		XA247	05			16B	9		LLPFFD1	02				RR1	C2					D03
64639		XA247	05									LLPFFD1	03				SHT						D03
40842		XA218	11		XA224	26			16B	9		LLPF0A	01	LLPF0A	00	1	TD4	A1	05B	START FORM FEED			
40843		XA224	26									LLPF0A	02	LLPF0S	01	2	TQ2	B1	14A				
40844		XA225	20		XA224	24			16B	9		LLPF0R	01	LLPF0R	00	1	TT3	B1	11A				
40845		XA224	24		XA224	11			16B	9		LLPF0R	02	LLPF0S	01	1	TQ2	B1	13A				
40846		XA224	11									LLPF0R	03	LLPF3A	01	1	TQ2	A4	05B				
										****	SIGNAL	LLPF0S	IS ON THE NEXT PAGE										****

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DRAWING NUMBER
UNIT ASSEMBLY NAME

149016-800 STRING
CARD CAGE ASSY, A, IFCU

UNIT ASSEMBLY NO. 149016
FILE IDENT T39C1FC6

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RECORD NUMBER	FROM				TO				WIRE				SIGNAL	SEC NO	EQUATION	YR	FACTOR	CAT OR CHIP TYPE	GROUP	LOAD OR POWER PLANE	TEST POINTS AND/OR	SIGNAL DESCRIPTION	FCO NO
	PREFIX	CONNECTOR	PIN	DR PG	PREFIX	CONNECTOR	PIN	DR PG	MULTI GROUP	CODE	COLOR	10E41											
40847		XA223	11		XA224	22			16B	9			LLPF0S	01	LLPF2A	01	1	TQ2	A4	05B	FORM FEED COUNTER		
40848		XA224	22		XA225	22			16B	9			LLPF0S	02	LLPF0S	00	1	TQ2	B1	12A			
40849		XA225	22										LLPF0S	03	LLPF0R	01	1	TT3	B1	12A			
40850		XA218	77		XA225	24			16B	9			LLPF1A	01	LINT10	01	2	TD4	F1	38B			
40851		XA225	24		XA223	01			16B	9			LLPF1A	02	LLPF0R	01	2	TT3	B1	13A			
40852		XA223	01										LLPF1A	03	LLPF1A	00	1	TQ2	A2	02B			
40853		XA224	18		XA225	19			16B	9			LLPF1R	01	LLPF1S	01	1	TQ2	B2	10A			
40854		XA225	19		XA241	35			16B	9			LLPF1R	02	LLPF1R	00	1	TT3	B2	09B			
40855		XA241	35										LLPF1R	03	LLQFFD1	01	1	TLO	C4	17B			
40856		XA223	04		XA224	14			16B	9			LLPF1S	01	LLPF1A	01	1	TQ2	A2	04A	FORM FEED COUNTER		
40857		XA224	14		XA225	14			16B	9			LLPF1S	02	LLPF1S	00	1	TQ2	B2	09A			
40858		XA225	14		XA241	48			16B	9			LLPF1S	03	LLPF1R	01	1	TT3	B2	09A			
40859		XA241	48										LLPF1S	04	LLPFFD1	01	1	TLO	D2	22A			
40860		XA224	20		XA223	15			16B	9			LLPF2A	01	LLPF1S	01	2	TQ2	B2	11A			
40861		XA223	15										LLPF2A	02	LLPF2A	00	1	TQ2	A4	07B			
40862		XA225	17		XA224	15			16B	9			LLPF3A	01	LLPF1R	01	2	TT3	B2	08B			
40863		XA224	15										LLPF3A	02	LLPF3A	00	1	TQ2	A4	07B			
64637		XA247	03		XA250	25			16B	9			LLPRSB	01								D03	
64239		XA250	25										LLPRSB	02								D03	
64236		XA243	32	2	XA250	26	2		16B	9			LLPRSDR	01								B04	
64237		XA250	26										LLPRSDR	02								B04	
40865		XA241	45		XA243	29			16B	9			LLPRSD1	01	LLPRSD1	00	1	TLD	D3	24B	PRINTER RESET WHEN		
64238		XA243	29		XA247	01			16B	9			LLPRSD1	02								D03	
64636		XA247	01										LLPRSD1	03								D03	
40866		XA224	04		XA225	07			16B	9			LLPT8R	01	LLPT8S	01	1	TQ2	A2	04A			
40867		XA225	07		XA226	20			16B	9			LLPT8R	02	LLPT8R	00	1	TT3	A2	03A			
40868		XA226	20										LLPT8R	03	LP8ZY0	01	4	TD4	B2	11A			
40869		XA225	01		XA224	01			16B	9			LLPT8S	01	LLPT8R	01	1	TT3	A2	02B			
40870		XA224	01										LLPT8S	02	LLPT8S	00	1	TQ2	A2	02B	LOOP TEST BUSY F/F		
40871		XA220	07		XA221	05			16B	9			LLPT00	01	LLPT0Q	00	1	TDD	B0	03A			
40872		XA221	05										LLPT0Q	02	LLPT1I	01	1	TDD	B1	03B			
40873		XA233	68		XA224	10			16B	9			LLPT1A	01	LXXRC0	01	2	TT3	F1	32A			
40874		XA224	10		XA223	06			16B	9			LLPT1A	02	LLPT2S	01	2	TQ2	A1	07A			
40875		XA223	06		XA220	01			16B	9			LLPT1A	03	LLPT1A	00	1	TQ2	A1	05A			
40876		XA220	01										LLPT1A	04	LLPTON	01	1	TDD	BN	02B			
40877		XA223	08		XA221	07			16B	9			LLPT1Q	01	LLPT1A	01	1	TQ2	A1	06A			
40878		XA221	07										LLPT1Q	02	LLPT1Q	00	1	TDD	B0	03A	LOOP TEST COUNTER		

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149016-800
CARD CAGE ASSY, A, IFCU

STRING
UNIT ASSEMBLY NO. 149016
FILE IDENT T39C1FC6

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RECORD NUMBER	FROM			TO			WIRE				SIGNAL	SEQ NO	EQUATION	TERM FACTOR	CKT OR CHIP TYPE	GROUP	LOAD OR POWER PLANE	TEST POINTS		SIGNAL DESCRIPTION	ECO NO	
	PREFIX	CONNECTOR	PIN	PREFIX	CONNECTOR	PIN	DR	MULTI GROUP	CODE	COLOR								IDENT	AND			OR
40879 40880		XA225 XA224	04 08		XA224	08			16B	9		LLPT2R LLPT2R	01 02	LLPT2R LLPT2S	00 01	1 1	TT3 TQ2	A1 A1	04A 06A			
40881 40882 40883		XA224 XA225 XA228	06 06 65		XA225 XA228	06 65			16B	9		LLPT2S LLPT2S LLPT2S	01 02 03	LLPT2S LLPT2R LLTEOA	00 01 01	1 1 1	TQ2 TT3 TQ2	A1 A1 E3	05A 05A 34B	LOOP TEST WAIT FOR		
64650 64243		XA247 XA250	18 19		XA250	19			16B	9		LLQDSB LLQDSB	01 02					SHT EXT			D03 D03	
64240 64241		XA243 XA250	32 20	3	XA250	20	3		16B	9		LLQSDR LLQSDR	01 02					RR1 EXT			B04	
40884 64242 64647		XA241 XA243 XA247	51 30 14		XA243 XA247	30 14			16B	9		LLQSDI LLQSDI LLQSDI	01 02 03	LLQSDI	00	1	TLD	D4 C4		27B	PRINTER DATA STROB	D03 D03
64644 64247		XA247 XA250	10 23		XA250	23			16B	9		LLQFFB LLQFFB	01 02					SHT EXT			D03 D03	
64244 64245		XA242 XA250	32 24	1	XA250	24	1		16B	9		LLOFFDR LLOFFDR	01 02					TLD EXT	21B		A01 B04	
40887 64246 64642		XA241 XA243 XA247	39 38 08		XA243 XA247	38 08			16B	9		LLQFFD1 LLQFFD1 LLQFFD1	01 02 03	LLQFFD1	00	1	TLD	C4 C5	19B	PRINTER FORM FEED	D03 D03	
64640 64251		XA247 XA250	06 27		XA250	27			16B	9		LLQRSB LLQRSB	01 02					SHT EXT			D03 D03	
64248 64249		XA242 XA250	32 28	2	XA250	28	2		16B	9		LLQRSR LLQRSR	01 02					TLD EXT	21B		A01 B04	
40888 64250 64638		XA242 XA243 XA247	39 36 04		XA243 XA247	36 04			16B	9		LLQRS1 LLQRS1 LLQRS1	01 02 03	LLQRS1	00	1	TLD	C4 C6	19B	PRINTER RESET WHEN	D03 D03	
40890 40891		XA220 XA228	80 69		XA228	69			16B	9		LLTEOA LLTEOA	01 02	LXXDDQ LLTEOA	01 00	1 1	TDD TQ2	LQ F3	39A 35A	START DATA INPUT		
40892 40893 40894		XA226 XA224 XA219	21 47 78		XA224 XA219	47 78			16B	9		LPBZY0 LPBZY0 LPBZY0	01 02 03	LPBZY0 LBU5YA LXDB4TD	00 01 01	1 1 2	TD4 TQ2 MUX	B2 D4 E4	10B 25B 38A	HARWARE BUSY WHEN		
40895 40896		XA218 XA236	09 71		XA236	71			16B	9		LPCRC A LPCRC A	01 02	LPCRC A LPCRC 0	00 01	1 1	TD4 TQ2	A2 E2	04B 36A	NOT USED (FOR CR)		
40897		XA242	53		XA242	62			16B	9		LPCRC 0	01	LPCR4D	01	1	TLD	E3	28B			
											****	SIGNAL	LPCRC 0			IS ON THE	NEXT PAGE		****			

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DRAWING NUMBER
UNIT ASSEMBLY NAME

149016-800
CARD CAGE ASSY, A, IFCU

STRING

UNIT ASSEMBLY NO.
FILE IDENT

149016
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RECORD NUMBER	FROM			TO			WIRE			SPEC INST MISC	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	PREFIX	CONNECTOR	PIN	SH PC	MULTI GROUP	CODE												
40898		XA242	62		XA242	68			16B	9		LPCRCO	02	LPCR3D	01	1	TLD	E2	29A		
40899		XA242	68		XA236	72			16B	9		LPCRCO	03	LPCR1D	01	1	TLD	E1	32A		
40900		XA236	72									LPCRCO	04	LPCRCO	00	1	TQ2	F2	34A	NOT USED	
40901		XA217	35		XA223	19			16B	9		LPCRSA	01	LPCRSA	00	1	TS8	C1	17B		
40902		XA223	19		XA241	49			16B	9		LPCRSA	02	LPDSCO	01	2	TQ2	B3	09B		
40903		XA241	49									LPCRSA	03	LLQSD1	01	2	TLD	D4	26B		
40904		XA242	66								J	LPCR1D	01	LPCR1D	00	1	TLD	E1	31A	LPDB181 BUSS	
40905		XA242	60								J	LPCR3D	01	LPCR3D	00	1	TLD	E2	28A	LPDB391 BUSS	
40906		XA242	57								J	LPCR4D	01	LPCR4D	00	1	TLD	E3	30B	LPDB481 BUSS	
40907		XA233	80		XA236	65			16B	9		LPDBCA	01	LPDBCA	00	1	TT3	F3	39A	SEND DATA TC PRINT	
40908		XA236	65									LPDBCA	02	LPDBCO	01	1	TQ2	F3	34B		
40909		XA241	53		XA242	59			16B	9		LPDBCO	01	LPDB4D	01	1	TLD	E3	28B		
40910		XA242	59		XA241	62			16B	9		LPDBCO	02	LPDBPD1	01	1	TLD	E4	31B		
40911		XA241	62		XA241	68			16B	9		LPDBCO	03	LPDB3D	01	1	TLD	E2	29A		
40912		XA241	68		XA242	71			16B	9		LPDBCO	04	LPDB1D	01	1	TLD	E1	32A		
40913		XA242	71		XA242	77			16B	9		LPDBCO	05	LPDB5D1	01	1	TLD	F2	36A		
40914		XA242	77		XA241	77			16B	9		LPDBCO	06	LPDB2D1	01	1	TLD	F1	38B		
40915		XA241	77		XA241	71			16B	9		LPDBCO	07	LPDB6D1	01	1	TLD	F1	38B		
40916		XA241	71		XA236	69			16B	9		LPDBCO	08	LPDB7D1	01	1	TLD	F2	36A		
40917		XA236	69									LPDBCO	09	LPDBCO	00	1	TQ2	F3	35A		
64252		XA242	16	2	XA250	16	2		16B	9		LPDBPDR	01				TLD		01B	A01	
64253		XA250	16									LPDBPDR	02				EXT			B04	
40918		XA242	63		XA243	40			16B	9		LPDBPD1	01	LPDBPD1	00	1	TLD	E4	33B	PRINTER DATA BIT P	
64254		XA243	40		XA250	15			16B	9		LPDBPD1	02				RR1	D4			
64255		XA250	15									LPDBPD1	03				EXT			B04	
64256		XA243	02	1	XA250	02	1		16B	9		LPDB1BR	01				RR1				
64257		XA250	02									LPDB1BR	02				EXT			B04	
40920		XA241	66		XA242	66			16B	9	P	LPDB1D	01	LPDB181	01	1	TLD	E1	31A	PRINTER DATA BIT 1	
40921		XA242	66		XA243	35			16B	9	P	LPCR1D	015	LPDB181	02	1	TLD	E1	31A	PRINTER DATA BIT 1	
64258		XA243	35		XA250	01			16B	9		LPDB181	02				RR1	D1			
64259		XA250	01									LPDB181	03				EXT			B04	
40923		XA241	66								J	LPDB1D	01	LPDB1D	00	1	TLD	E1	31A	LPDB181 BUSS	
64260		XA243	02	2	XA250	04	2		16B	9		LPDB2DR	01				RR1				
64261		XA250	04									LPDB2DR	02				EXT			B04	
40925		XA242	75		XA243	42			16B	9		LPDB2D1	01	LPDB2D1	00	1	TLD	F1	37B	PRINTER DATA BIT 2	
64262		XA243	42		XA250	03			16B	9		LPDB2D1	02				RR1	O5			
64263		XA250	03									LPDB2D1	03				EXT			B04	

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 DRAWING NUMBER
 UNIT ASSEMBLY NAME

149016-800 STRING
 CARD CAGE ASSY, A, IFCU

UNIT ASSEMBLY NO. 149016
 FILE IDENT T39C1FC6

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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	SR FC	PREFIX	CONNECTOR	PIN	SR FC	MULTI GROUP	CODE	COLOR	IDENT											
64264		XA243	02	3		XA250	06	3		16B	9		LPDB3BR	01									
64265		XA250	06										LPDB3BR	02				RR1					B04
40926		XA241	60			XA242	60			16B	9	P	LPDB3D	01	LPDB3B1	01	1	TLD	E2		28A	PRINTER DATA BIT 3	
40927		XA242	60			XA243	37			16B	9	P	LPCR30	015	LPDB3B1	02	1	TLD	E2		28A	PRINTER DATA BIT 3	
64266		XA243	37			XA250	05			16B	9		LPDB3B1					RR1	D2				
64267		XA250	05										LPDB3B1	03									B04
40929		XA241	60									J	LPDB3D	01	LPDB3D	00	1	TLD	E2		28A	LPDB3B1 BUSS	
64268		XA241	16	1		XA250	08	1		16B	9		LPDB4BR	01							01B		A01
64269		XA250	08										LPDB4BR	02									B04
64270		XA250	07			XA243	39			16B	9		LPDB4B1	005									B04
64271		XA243	39			XA242	57			16B	9		LPDB4B1	01				RR1	D3				
40931		XA242	57			XA241	57			16B	9	P	LPCR4D	02	LPDB4B1	02	1	TLD	E3		30B	PRINTER DATA BIT 4	
40932		XA241	57									P	LPDB4D	03	LPDB4B1	01	1	TLD	E3		30B	PRINTER DATA BIT 4	
40933		XA241	57									J	LPDB4D	01	LPDB4D	00	1	TLD	E3		30B	LPDB4B1 BUSS	
64272		XA241	16	2		XA250	10	2		16B	9		LPDB5DR	01							01B		A01
64273		XA250	10										LPDB5DR	02									B04
40935		XA242	72			XA243	46			16B	9		LPDB5D1	01	LPDB5D1	00	1	TLD	E2		34A	PRINTER DATA BIT 5	
64274		XA243	46			XA250	09			16B	9		LPDB5D1	02				RR1	D6				
64275		XA250	09										LPDB5D1	03									B04
64276		XA241	16	3		XA250	12	3		16B	9		LPDB6DR	01							01B		A01
64277		XA250	12										LPDB6DR	02									B04
40936		XA241	75			XA243	41			16B	9		LPDB6D1	01	LPDB6D1	00	1	TLD	F1		37B	PRINTER DATA BIT 6	
64278		XA243	41			XA250	11			16B	9		LPDB6D1	02				RR1	F1				
64279		XA250	11										LPDB6D1	03									B04
64280		XA242	16	3		XA250	14	3		16B	9		LPDB7DR	01							01B		A01
64281		XA250	14										LPDB7DR	02									B04
40939		XA241	72			XA243	45			16B	9		LPDB7D1	01	LPDB7D1	00	1	TLD	E2		34A	PRINTER DATA BIT 7	
64282		XA243	45			XA250	13			16B	9		LPDB7D1	02				RR1	E2				
64283		XA250	13										LPDB7D1	03									B04
40940		XA217	23			XA223	17			16B	9		LPDSCA	01	LPDSCA	00	1	TSB	B1		11B	PRINTER DATA STROB	
40941		XA223	17			XA241	47			16B	9		LPDSCA	02	LPDSC0	01	1	TQ2	B3		08B		
40942		XA241	47										LPDSCA	03	LPDSD1	01	1	TLD	D4		25B		
40943		XA241	54			XA223	21			16B	9		LPDSC0	01	LPDSD1	01	1	TLD	D1		25A		
40944		XA223	21										LPDSC0	02	LPDSC0	00	1	TQ2	B3		10B		
										****	SIGNAL	{LPFLIA	IS ON THE NEXT PAGE										****

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 DRAWING NUMBER
 UNIT ASSEMBLY NAME

149016-800
 CARD CAGE ASSY, A, IFCU

STRING
 UNIT ASSEMBLY NO. 149016
 FILE IDENT T39C1FC6

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RECORD NUMBER	FROM				TO				WIRE				SIGNAL	SFO NO	EQUATION	TERM	FACTOR	CNT OF CHIP TYPE	CHAMP	LOAD OF LOWER PLANE	TEST POINTS AND/OR	SIGNAL DESCRIPTION	ECO NO
	PREFIX	CONNECTOR	P N	P N	PREFIX	CONNECTOR	P N	P N	DRUG	MULTI GROUP	CODE	COLOR											
40978 40979		XA221 XA219	13 64			XA219 64					168 9			LPRTOQ LPRTOQ	01 02	LPRTOQ LXDBOTD	00 01	1 2	TDD MUX	AQ D4	08B 30A	PRINTER TIMEOUT FF	
40980 40981 40982		XA233 XA225 XA221	62 73 15			XA225 XA221 15					168 9			LPTOCA LPTOCA LPTOCA	01 02 03	LAEN2S LPTOCA LPRTOQ	01 00 01	3 1 1	TT3 TT3 TDD	F2 F1 AQ	29A 34B 07B	SET PRINTER TIME	
40983 40984		XA218 XA233	75 74			XA233 74					168 9			LSCI1A LSCI1A	01 02	LINT10 LSCI1A	01 00	1 1	TD4 TT3	F1 F2	37B 35B	REJECT NEW COMMAND	
40985 40986		XA224 XA217	42 59			XA217 59					168 9			LSNCOA LSNCOA	01 02	LSNC1S LSNCOA	01 00	2 1	TQ2 TS8	C1 E1	20A 31B		
40987 40988 40989		XA226 XA225 XA224	14 15 03			XA225 XA224 03					168 9			LSNCOR LSNCOR LSNCOR	01 02 03	LPBZY0 LSNCOR LSNCOA	01 00 01	1 1 1	TD4 TT3 TQ2	B2 A3 A3	09A 07B 02A		
40990 40991 40992		XA217 XA224 XA225	55 09 09			XA224 XA225 09					168 9			LSNCOS LSNCOS LSNCOS	01 02 03	LSNCOA LSNCOS LSNCOR	01 00 01	1 1 1	TS8 TQ2 TT3	E1 A3 A3	29B 04B 04B	DEV SYNC COUNTER	
40993 40994		XA225 XA223	40 22			XA223 22					168 9			LSNC1A LSNC1A	01 02	LSNC1R LSNC1A	01 00	2 1	TT3 TQ2	C1 B1	19A 12A		
40995 40996 40997		XA224 XA224 XA225	23 40 36			XA224 XA225 36					168 9			LSNC1R LSNC1R LSNC1R	01 02 03	LSNC3A LSNC1S LSNC1R	01 01 00	1 1 1	TQ2 TQ2 TT3	B4 C1 C1	11B 19A 17A		
40998 40999 41000 41001		XA227 XA225 XA224 XA218	48 38 38 14			XA225 XA224 XA218 14					168 9			LSNC1S LSNC1S LSNC1S LSNC1S	01 02 03 04	LSNC2A LSNC1R LSNC1S LBSY0A	01 01 00 01	1 1 1 1	TQ2 TT3 TQ2 TD4	D2 C1 C1 B2	22A 18A 18A 09A	DEV SYNC COUNTER	
41002 41003 41004		XA224 XA225 XA227	36 57 46			XA225 XA227 46					168 9			LSNC2A LSNC2A LSNC2A	01 02 03	LSNC2S LSRS00 LSNC2A	01 01 00	2 1 1	TQ2 TT3 TQ2	C2 E3 D2	17A 30B 21A		
41005 41006 41007		XA225 XA224 XA217	31 34 60			XA224 XA217 60					168 9			LSNC2R LSNC2R LSNC2R	01 02 03	LSNC2R LSNC2S LSNCOA	00 01 01	1 1 2	TT3 TQ2 TS8	C2 C2 F1	15B 16A 28A		
41008 41009 41010 41011 41012 41013		XA233 XA226 XA225 XA224 XA223 XA218	65 52 29 30 24 08			XA226 XA225 XA224 XA223 XA218 08					168 9			LSNC2S LSNC2S LSNC2S LSNC2S LSNC2S LSNC2S	01 02 03 04 05 06	LSCI1A LAENOA LSNC2R LSNC2S LSNC1A LLPFOA	01 01 01 00 01 01	1 2 1 1 1 2	TT3 TD4 TT3 TQ2 TQ2 TD4	F2 D1 C2 C2 B1 A1	34B 24A 14B 15A 13A 06A	DEV SYNC COUNTER	
														****	SIGNAL	LSNC3A			IS ON THE	NEXT PAGE	****		

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DRAWING NUMBER
UNIT ASSEMBLY NAME

149016-800 STRING
CARD CAGE ASSY, A, IFCU

UNIT ASSEMBLY NO. 149016
FILE IDENT T39C1FC6

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RECORD NUMBER	FROM				TO				WIRE				SIGNAL	SEQ NO	EQUATION	TERM	FACTOR	CKT OR CHIP TYPE	GROUP	LOAD OR POWER PLANE	TEST POINTS AND/OR	SIGNAL DESCRIPTION	ECO NO	
	PREFIX	CONNECTOR	PIN	OR	PREFIX	CONNECTOR	PIN	OR	SH PG	MULTI-GROUP	CODE	COLOR												IDENT
41014		XA225	30			XA224	27			16B	9			LSNC3A	01	LSNC2R	01	2	TT3	C2		15A		
41015		XA224	27											LSNC3A	02	LSNC3A	00	1	TQ2	B4		13B		
41016		XA220	06			XA221	06			16B	9			LSRSOA	01	LCDERP	01	1	TDD	AP		05A		
41017		XA221	06			XA222	06			16B	9			LSRSOA	02	LPRTOP	01	1	TDD	AP		05A		
41018		XA222	06			XA224	75			16B	9			LSRSOA	03	LPFLTP	01	1	TDD	AP		05A		
41019		XA224	75											LSRSOA	04	LSRSOA	00	1	TQ2	F1		37B		
41020		XA225	63			XA224	77			16B	9			LSRS00	01	LSRS00	00	1	TT3	E3		33B	RESET ERROR REGIST	
41021		XA224	77											LSRS00	02	LSRSOA	01	1	TQ2	F1		38B		
41022		XA224	07			XA228	21			16B	9			LSYN1A	01	LSNCOS	01	2	TQ2	A3		03A		
41023		XA228	21			XA225	65			16B	9			LSYN1A	02	LSYN1A	00	1	TQ2	B3		10B	START DEV COMMAND	
41024		XA225	65											LSYN1A	03	LXXCIO	01	1	TT3	F2		34B		
41025		XA227	14			XA228	17			16B	9			LSYN10	01	LSYN10	00	1	TQ2	B2		09A		
41026		XA228	17											LSYN10	02	LSYN1A	01	1	TQ2	B3		08B		
41027		XA240	42			XA241	30			16B	9			LXACMB4	01	LXRCMS	01	2	TQ2	C1		20A		
41028		XA241	30			XA242	30			16B	9		P	LXBCMD	02	LXACMB4	02	1	TLD	C2		15A	PORT A/B COMMAND	
41029		XA242	30			XA246	17			16B	9		P	LXACMD	03	LXACMB4	01	1	TLD	C2		15A	PORT A/B COMMAND	
41030		XA246	17											LXACMB4	04				RR4	B4				
41031		XA242	30										J	LXACMD	01	LXACMD	00	1	TLD	C2		15A	LXACMB4 BUSS	
43644		XA245	46										J	LXACMDX	01	LXACMDX	00	1	DCF	C1		25B	TACMAB BUSS	
41032		XA233	22			XA242	36			16B	9			LXACMOX	01	LXARSA	01	1	TT3	B1		12A		
41033		XA242	36			XA245	47			16B	9			LXACMOX	02	LXACMD	01	2	TLD	C2		17A		
41034		XA245	47											LXACMOX	03	LXACMOX	00	1	DCF	C2		26B		
41035		XA242	48			XA242	47			16B	9			LXADEA	01	LXAR7D1	01	1	TLD	D2		22A		
41036		XA242	47			XA239	76			16B	9			LXADEA	02	LXBR7D1	01	1	TLD	D4		25B		
41037		XA239	76			XA228	80			16B	9			LXADEA	03	LXAD7A	01	1	TQ2	F4		37A		
41038		XA228	80											LXADEA	04	LXADEA	00	1	TQ2	F4		39A	ODD/EVEN RECEIVER	
41039		XA226	06			XA236	63			16B	9			LXADRO	01	LXEAOA	01	1	TD4	A1		05A		
41040		XA236	63			XA238	75			16B	9			LXADRO	02	LXADRO	00	1	TQ2	F4		33B		
41041		XA238	75											LXADRO	03	LXCAOA	01	1	TD4	F1		37B		
41042		XA239	69			XA236	59			16B	9			LXAD6A	01	LXAD6A	00	1	TQ2	F3		35A		
41043		XA236	59											LXAD6A	02	LXADRO	01	1	TQ2	F4		31B		
41044		XA236	61			XA239	80			16B	9			LXAD7A	01	LXADRO	01	2	TQ2	F4		32B		
41045		XA239	80											LXAD7A	02	LXAD7A	00	1	TQ2	F4		39A		
41046		XA240	36			XA241	33			16B	9			LXAENB4	01	LXRENS	01	2	TQ2	C2		17A		
41047		XA241	33			XA242	33			16B	9		P	LXBEND	02	LXAENB4	02	1	TLD	C3		16B	PORT A/B ENABLE	
41048		XA242	33			XA246	19			16B	9		P	LXAEND	03	LXAENB4	01	1	TLD	C3		16B	PORT A/B ENABLE	
41049		XA246	19											LXAENB4	04				RR4	B5				

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DRAWING NUMBER
UNIT ASSEMBLY NAME

149016-800 STRING
CARD CAGE ASSY, A, IFCU

UNIT ASSEMBLY NO. 149016
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RECORD NUMBER	FROM			TO			WIRE				SIGNAL	SEQ NO	EQUATION	TERM FACTOR	CKT OR CHIP TYPE	GROUP	LOAD OR POWER PLANE	TEST POINTS AND OR	SIGNAL DESCRIPTION	ECO NO	
	PREFIX	CONNECTOR	PIN	PREFIX	CONNECTOR	PIN	WIRE NO	MULTI GROUP	CODE	COLOR											IDENT
41050		XA242	33								J	LXAEND	01	LXAEND	00	1	TLD	C3	16B	LXAENB4 BUSS	
43645		XA245	55								J	LXAENDX	01	LXAENDX	00	1	DCF	C3	30B	TAENAB BUSS	
41051		XA233	24		XA242	31			16B	9		LXAENOX	01	LXARSA	01	2	TT3	B1	13A		
41052		XA242	31		XA245	56			16B	9		LXAENOX	02	LXAEND	01	2	TLD	C3	15B		
41053		XA245	56									LXAENOX	03	LXAENOX	00	1	DCF	C4	29B		
41054		XA239	06		XA240	03			16B	9		LXAIEA	01	LXAIEA	00	1	TQ2	A1	05A		
41055		XA240	03		XA240	04			16B	9		LXAIEA	02	LXAIEO	01	1	TQ2	A3	02A		
41056		XA240	04									LXAIEA	03	LXAIEO	01	1	TQ2	A2	04A		
41057		XA242	23		XA242	24			16B	9		LXAIEO	01	LXA7CD	01	1	TLD	B4	11B		
41058		XA242	24		XA242	18			16B	9		LXAIEO	02	LXA4CD	01	1	TLD	B1	13A		
41059		XA242	18		XA242	17			16B	9		LXAIEO	03	LXA5CD	01	1	TLD	B2	10A		
41060		XA242	17		XA242	11			16B	9		LXAIEO	04	LXA6CD	01	1	TLD	B3	08B		
41061		XA242	11		XA242	08			16B	9		LXAIEO	05	LXA3CD	01	1	TLD	A4	05B		
41062		XA242	08		XA242	04			16B	9		LXAIEO	06	LXA0CD	01	1	TLD	A1	06A		
41063		XA242	04		XA242	03			16B	9		LXAIEO	07	LXA1CD	01	1	TLD	A2	04A		
41064		XA242	03		XA240	01			16B	9		LXAIEO	08	LXA2CD	01	1	TLD	A3	02A		
41065		XA240	01									LXAIEO	09	LXAIEO	00	1	TQ2	A2	02B	PORT A DATA RECEIV	
41066		XA240	09		XA242	29			16B	9		LXAIFO	01	LXAIFO	00	1	TQ2	A3	04B		
41067		XA242	29		XA242	34			16B	9		LXAIFO	02	LXAEND	01	1	TLD	C3	14B		
41068		XA242	34		XA242	40			16B	9		LXAIFO	03	LXACMD	01	1	TLD	C2	16A		
41069		XA242	40									LXAIFO	04	LXAPCD	01	1	TLD	C1	19A		
43646		XA245	60								J	LXAINDX	01	LXAINDX	00	1	DCF	C5	31B	TAINAB BUSS	
41070		XA246	36		XA242	38			16B	9		LXAPCB4	01				RR4	C1			
41071		XA242	38		XA241	38			16B	9	P	LXAPCD	02	LXAPCB4	01	1	TLD	C1	18A	PORT A/B PARITY	
41072		XA241	38		XA240	31			16B	9	P	LXBPCD	03	LXAPCB4	02	1	TLD	C1	18A	PORT A/B PARITY	
41073		XA240	31									LXAPCB4	04	LXRPCS	01	2	TQ2	C3	15B		
41074		XA242	38								J	LXAPCD	01	LXAPCD	00	1	TLD	C1	18A	LXAPCB4 BUSS	
43648		XA245	43								J	LXAPCDX	01	LXAPCDX	00	1	DCF	C7	25A	TAOPAB BUSS	
41075		XA242	42		XA245	48			16B	9		LXAPCOX	01	LXAPCD	01	2	TLD	C1	20A		
41076		XA245	48									LXAPCOX	02	LXAPCOX	00	1	DCF	C8	26A		
41077		XA228	68		XA238	59			16B	9		LXARQA	01	LXARQ0	01	1	TQ2	E1	32A		
41078		XA238	59									LXARQA	02	LXARQA	00	1	TD4	E1	31B		
41079		XA242	50		XA242	56			16B	9		LXARQ0	01	LXAR7D1	01	2	TLD	D2	23A		
41080		XA242	56		XA228	66			16B	9		LXARQ0	02	LXAR6D1	01	2	TLD	D1	26A		
41081		XA228	66									LXARQ0	03	LXARQ0	00	1	TQ2	E1	31A	PORT A REQUEST	

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 DRAWING NUMBER
 UNIT ASSEMBLY NAME

149016-800 STRING
 CARD CAGE ASSY, A, IFCU

UNIT ASSEMBLY NO. 149016
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 DATE 09-03-82 PAGE 79

RECORD NUMBER	FROM			TO			WIRE				SIGNAL	SEQ NO	EQUATION	TERM	FACTOR	CKT OR CHIP TYPE	GROUP	LOAD OR POWER PLANE	TEST POINTS		SIGNAL DESCRIPTION	ECO NO
	PREFIX	CONNECTOR	PIN	PREFIX	CONNECTOR	PIN	NO	GROUP	CODE	COLOR									IDENT	AND		
41082		XA233	20		XA232	19			16B	9		LXARSA	01	LXARSA	00	1	TT3	B1	11A		PORT A IOU RESET	
41083		XA232	19									LXARSA	02	LXST20	01	3	TS8	B1	09B			
43649		XA242	52		XA243	09			16B	9		LXAR6D1	01	LXAR6D1	00	1	TLD	D1	24A		PORT A REQUEST EVN	
64845		XA243	09		XA447	29			16B	9		LXAR6D1	02				RR1	A5				
02668		XA447	29									LXAR6D1	03				SHT					B04
43650		XA242	46		XA243	10			16B	9		LXAR7D1	01	LXAR7D1	00	1	TLD	D2	21A		PORT B REQUEST OND	
64846		XA243	10		XA447	30			16B	9		LXAR7D1	02				RR1	A6				
02669		XA447	30									LXAR7D1	03				SHT					B04
41084		XA239	22		XA228	47			16B	9		LXASLA	01	LXASLA	00	1	TQ2	B1	12A		PORT A SELECT	
41085		XA228	47									LXASLA	02	LXONLO	01	1	TQ2	D4	25B			
65558		XA244	67	3	XA348	32	3		16B	9		LXASLBG	01				DCF					A02
65559		XA348	32									LXASLBG	02				SHT					B04
41086		XA246	23		XA348	18			16B	9		LXASLB4	005				RR4	C3				B02
64291		XA348	18		XA450	41			16B	9		LXASLB4	01				SHT					B04
64292		XA450	41									LXASLB4	02				EXT					B04
64802		XA348	14		XA244	65			16B	9		LXASLDX	00				SHT					C01
41087		XA244	65									LXASLDX	02	LXASLDX	00	1	DCF	D1	32B		PORT A SELECT RECCO1	
41088		XA245	71		XA244	69			16B	9		LXASLOX	01	LXASTOX	01	1	DCF	D2	34B			
41089		XA244	69		XA238	61			16B	9		LXASLOX	02	LXASLOX	00	1	DCF	D2	33B			
41090		XA238	61		XA239	24			16B	9		LXASLOX	03	LXARQA	01	1	TD4	E1	32B			
41091		XA239	24		XA239	08			16B	9		LXASLOX	04	LXASLA	01	1	TQ2	B1	13A			
41092		XA239	08		XA238	06			16B	9		LXASLOX	05	LXATEA	01	1	TQ2	A1	06A			
41093		XA238	06		XA233	26			16B	9		LXASLOX	06	LXAOEA	01	1	TD4	A1	05A			
41094		XA233	26									LXASLOX	07	LXARSA	01	3	TT3	B1	14A			
64293		XA348	22		XA450	47			16B	9		LXASTB	01				SHT					B04
64294		XA450	47									LXASTB	02				EXT					B04
65560		XA245	67	3	XA348	44	3		16B	9		LXASTBG	01				DCF					A02
65561		XA348	44									LXASTBG	02				SHT					B04
64804		XA348	20		XA246	38			16B	9		LXASTDX4	00				SHT					B04
41095		XA246	38		XA245	65			16B	9		LXASTDX4	01				RR4	C2				
41096		XA245	65									LXASTDX4	02	LXASTDX4	00	1	DCF	D1	32B		PORT A STATUS DRIV	
41097		XA246	08		XA242	06			16B	9		LXAOCB4	01				RR4	A1				
41098		XA242	06		XA241	06			16B	9	P	LXAOCD	02	LXAOCB4	01	1	TLD	A1	05A		PORT A/B DATA LINE	
41099		XA241	06		XA240	56			16B	9	P	LXBOCD	03	LXAOCB4	02	1	TLD	A1	05A		PORT A/B DATA LINE	
41100		XA240	56									LXAOCB4	04	LXROCS	01	2	TQ2	D1	26A			
41101		XA242	06								J	LXAOCD	01	LXAOCD	00	1	TLD	A1	05A		LXAOCB4 BUSS	
43652		XA245	07								J	LXAOCDX	01	LXAOCDX	00	1	DCF	A1	02B		TA00AB BUSS	

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DRAWING NUMBER
UNIT ASSEMBLY NAME

149016-800
CARD CAGE ASSY, A, IFCU

STRING
UNIT ASSEMBLY NO. 149016
FILE IDENT T39C1FC6

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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	PREFIX	CONNECTOR	PIN	WIRE	MULTI GROUP	CODE	COLOR	IDENT										
41102		XA242	10			XA245	09				16B	9		LXA0COX	01	LXA0CD	01	2	TLD	A1	07A	
41103		XA245	09											LXA0COX	02	LXA0COX	00	1	DCF	A2	03B	
41104		XA245	52			XA245	36				16B	9		LXA0EA	01	LXACMDX	01	1	DCF	C1	29A	
41105		XA245	36			XA245	06				16B	9		LXA0EA	02	LXA4CDX	01	1	DCF	B1	13A	
41106		XA245	06			XA238	11				16B	9		LXA0EA	03	LXA0CDX	01	1	DCF	A1	05A	
41107		XA238	11											LXA0EA	04	LXA0EA	00	1	TD4	A1	05B	PORT A DATA SEND
41108		XA240	50			XA241	01				16B	9		LXA1CB4	01	LXR1CS	01	2	TQ2	D2	23A	
41109		XA241	01			XA242	01				16B	9	P	LXB1CD	02	LXA1CB4	02	1	TLD	A2	02B	
41110		XA242	01			XA246	10				16B	9	P	LXA1CD	03	LXA1CB4	01	1	TLD	A2	02B	
41111		XA246	10											LXA1CB4	04				RR4	A2		
41112		XA242	01										J	LXA1CD	01	LXA1CD	00	1	TLD	A2	02B	LXA1CB4 BUSS
43662		XA245	17										J	LXA1CDX	01	LXA1CDX	00	1	DCF	A3	07B	TA01AB BUSS
41113		XA242	05			XA245	15				16B	9		LXA1COX	01	LXA1CD	01	2	TLD	A2	03B	
41114		XA245	15											LXA1COX	02	LXA1COX	00	1	DCF	A4	06B	
41115		XA246	05			XA242	09				16B	9		LXA2CB4	01				RR4	A3		
41116		XA242	09			XA241	09				16B	9	P	LXA2CD	02	LXA2CB4	01	1	TLD	A3	04B	
41117		XA241	09			XA240	43				16B	9	P	LXB2CD	03	LXA2CB4	02	1	TLD	A3	04B	
41118		XA240	43											LXA2CB4	04	LXR2CS	01	2	TQ2	D3	23B	
41119		XA242	09										J	LXA2CD	01	LXA2CD	00	1	TLD	A3	04B	LXA2CB4 BUSS
43663		XA245	14										J	LXA2CDX	01	LXA2CDX	00	1	DCF	A5	08B	TA02AB BUSS
41120		XA242	07			XA245	10				16B	9		LXA2COX	01	LXA2CD	01	2	TLD	A3	03A	
41121		XA245	10											LXA2COX	02	LXA2COX	00	1	DCF	A6	07A	
41122		XA246	07			XA242	15				16B	9		LXA3CB4	01				RR4	A4		
41123		XA242	15			XA241	15				16B	9	P	LXA3CD	02	LXA3CB4	01	1	TLD	A4	07B	
41124		XA241	15			XA240	49				16B	9	P	LXB3CD	03	LXA3CB4	02	1	TLD	A4	07B	
41125		XA240	49											LXA3CB4	04	LXR3CS	01	2	TQ2	D4	26B	
41126		XA242	15										J	LXA3CD	01	LXA3CD	00	1	TLD	A4	07B	LXA3CB4 BUSS
43664		XA245	01										J	LXA3CDX	01	LXA3CDX	00	1	DCF	A7	02A	TA03AB BUSS
41127		XA242	13			XA245	03				16B	9		LXA3COX	01	LXA3CD	01	2	TLD	A4	06B	
41128		XA245	03											LXA3COX	02	LXA3COX	00	1	DCF	A8	03A	
41129		XA240	70			XA241	22				16B	9		LXA4CB4	01	LXR4CS	01	2	TQ2	E1	33A	
41130		XA241	22			XA242	22				16B	9	P	LXB4CD	02	LXA4CB4	02	1	TLD	B1	12A	
41131		XA242	22			XA246	09				16B	9	P	LXA4CD	03	LXA4CB4	01	1	TLD	B1	12A	
41132		XA246	09											LXA4CB4	04				RR4	A5		

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 DRAWING NUMBER
 UNIT ASSEMBLY NAME

149016-800
 CARD CAGE ASSY, A, IFCU
 STRING

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RECORD NUMBER	FROM				TO				WIRE				SFC	SIGNAL	SEQ NO	EQUATION	TERM	FACTOR	CAT OR CHIP TYPE	PROP	LOAD OR POWER PLANE	TEST POINTS AND OR	SIGNAL DESCRIPTION	ECO NO
	PREFIX	CONNECTOR	PIN	IFFC	PREFIX	CONNECTOR	PIN	IFFC	MULTI GROUP	CODE	COLOR	IDENT												
41133		XA242	22										J	LXA4CD	01	LXA4CD	00	1	TLD	B1		12A	LXA4CB4 BUSS	
43665		XA245	27										J	LXA4CDX	01	LXA4CDX	00	1	DCF	B1		10B	TA04AB BUSS	
41134		XA242	26		XA245	29			168	9				LXA4COX	01	LXA4CD	01	2	TLD	B1		14A		
41135		XA245	29											LXA4COX	02	LXA4COX	00	1	DCF	B2		11B		
41136		XA246	20		XA242	14			168	9				LXA5CB4	01				RR4	B1				
41137		XA242	14		XA241	14			168	9		P	LXA5CD	02	LXA5CB4	01	1	TLD	B2			09A		
41138		XA241	14		XA240	64			168	9		P	LXB5CD	03	LXA5CB4	02	1	TLD	B2			09A		
41139		XA240	64											LXA5CB4	04	LXR5CS	01	2	TQ2	E2		30A		
41140		XA242	14										J	LXA5CD	01	LXA5CD	00	1	TLD	B2		09A	LXA5CB4 BUSS	
43666		XA245	37										J	LXA5CDX	01	LXA5CDX	00	1	DCF	B3		15B	TA05AB BUSS	
41141		XA242	20		XA245	35			168	9				LXA5COX	01	LXA5CD	01	2	TLD	B2		11A		
41142		XA245	35											LXA5COX	02	LXA5COX	00	1	DCF	B4		14B		
41143		XA246	26		XA242	21			168	9				LXA6CB4	01				RR4	B2				
41144		XA242	21		XA241	21			168	9		P	LXA6CD	02	LXA6CB4	01	1	TLD	B3			10B		
41145		XA241	21		XA240	55			168	9		P	LXB6CD	03	LXA6CB4	02	1	TLD	B3			10B		
41146		XA240	55											LXA6CB4	04	LXR6CS	01	2	TQ2	E3		29B		
41147		XA242	21										J	LXA6CD	01	LXA6CD	00	1	TLD	B3		10B	LXA6CB4 BUSS	
43667		XA245	41										J	LXA6CDX	01	LXA6CDX	00	1	DCF	B5		16A	TA06AB BUSS	
41148		XA242	19		XA245	40			168	9				LXA6COX	01	LXA6CD	01	2	TLD	B3		09B		
41149		XA245	40											LXA6COX	02	LXA6COX	00	1	DCF	B6		15A		
41150		XA246	24		XA242	27			168	9				LXA7CB4	01				RR4	B3				
41151		XA242	27		XA241	27			168	9		P	LXA7CD	02	LXA7CB4	01	1	TLD	B4			13B	PORT A/B DATA LINE	
41152		XA241	27		XA240	61			168	9		P	LXB7CD	03	LXA7CB4	02	1	TLD	B4			13B	PORT A/B DATA LINE	
41153		XA240	61											LXA7CB4	04	LXR7CS	01	2	TQ2	E4		32B		
41154		XA242	27										J	LXA7CD	01	LXA7CD	00	1	TLD	B4		13B	LXA7CB4 BUSS	
43668		XA245	23										J	LXA7CDX	01	LXA7CDX	00	1	DCF	B7		10A	TA07AB BUSS	
41155		XA242	25		XA245	30			168	9				LXA7COX	01	LXA7CD	01	2	TLD	B4		12B		
41156		XA245	30											LXA7COX	02	LXA7COX	00	1	DCF	B8		11A		
41157		XA241	30										J	LXBCMD	01	LXBCMD	00	1	TLD	C2		15A	LXACMB4 BUSS	
43669		XA244	46										J	LXBCMDX	01	LXBCMDX	00	1	DCF	C1		25B	TACMBB BUSS	
41158		XA233	14		XA241	36			168	9				LXBCMOX	01	LXBRSA	01	1	TT3	B2		09A		
									****		SIGNAL			LXBCMOX		IS ON THE						****		

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	PREFIX	CONNECTOR	PIN	PREFIX	CONNECTOR	PIN	SERIAL	MULTI GROUP	CODE	COLOR										IDENT	AND		
41159		XA241	36		XA244	47			16B	9		LXBCMOX	02	LXBCMD	01	2	TLD	C2		17A			
41160		XA244	47									LXBCMOX	03	LXBCMOX	00	1	DCF	C2		26B			
41161		XA241	33								J	LXBEND	01	LXBEND	00	1	TLD	C3		16B	LXAENB4	BUSS	
43670		XA244	55								J	LXBENDX	01	LXBENDX	00	1	DCF	C3		30B	TAENBB	BUSS	
41162		XA233	17		XA241	31			16B	9		LXBENOX	01	LXBRSA	01	2	TT3	B2		08B			
41163		XA241	31		XA244	56			16B	9		LXBENOX	02	LXBEND	01	2	TLD	C3		15B			
41164		XA244	56									LXBENOX	03	LXBENOX	00	1	DCF	C4		29B			
41165		XA240	24		XA240	11			16B	9		LXBIEA	01	LXBIEO	01	1	TQ2	B1		13A			
41166		XA240	11		XA239	01			16B	9		LXBIEA	02	LXBIEO	01	1	TQ2	A4		05B			
41167		XA239	01									LXBIEA	03	LXBIEA	00	1	TQ2	A2		02B			
41168		XA241	23		XA241	24			16B	9		LXBIEO	01	LXB7CD	01	1	TLD	B4		11B			
41169		XA241	24		XA241	18			16B	9		LXBIEO	02	LXB4CD	01	1	TLD	B1		13A			
41170		XA241	18		XA241	17			16B	9		LXBIEO	03	LXB5CD	01	1	TLD	B2		10A			
41171		XA241	17		XA240	15			16B	9		LXBIEO	04	LXB6CD	01	1	TLD	B3		08B			
41172		XA240	15		XA241	11			16B	9		LXBIEO	05	LXBIEO	00	1	TQ2	A4		07B	PORT B DATA RECEIV		
41173		XA241	11		XA241	03			16B	9		LXBIEO	06	LXB3CD	01	1	TLD	A4		05B			
41174		XA241	03		XA241	04			16B	9		LXBIEO	07	LXB2CD	01	1	TLD	A3		02A			
41175		XA241	04		XA241	08			16B	9		LXBIEO	08	LXB1CD	01	1	TLD	A2		04A			
41176		XA241	08									LXBIEO	09	LXB0CD	01	1	TLD	A1		06A			
41177		XA241	40		XA241	34			16B	9		LXBIFO	01	LXBPCD	01	1	TLD	C1		19A			
41178		XA241	34		XA241	29			16B	9		LXBIFO	02	LXBCMD	01	1	TLD	C2		16A			
41179		XA241	29		XA240	22			16B	9		LXBIFO	03	LXBEND	01	1	TLD	C3		14B			
41180		XA240	22									LXBIFO	04	LXBIFO	00	1	TQ2	B1		12A			
43671		XA244	60								J	LXBINDX	01	LXBINDX	00	1	DCF	C5		31B	TAINBB	BUSS	
41181		XA241	38								J	LXBPCD	01	LXBPCD	00	1	TLD	C1		18A	LXAPCB4	BUSS	
43673		XA244	43								J	LXBPCDX	01	LXBPCDX	00	1	DCF	C7		25A	TAOPBB	BUSS	
41182		XA241	42		XA244	48			16B	9		LXBPCOX	01	LXBPCD	01	2	TLD	C1		20A			
41183		XA244	48									LXBPCOX	02	LXBPCOX	00	1	DCF	C8		26A			
41184		XA228	62		XA238	57			16B	9		LXBRQA	01	LXBRQ0	01	1	TQ2	E2		29A			
41185		XA238	57									LXBRQA	02	LXBRQA	00	1	TD4	E2		30B			
41186		XA242	43		XA242	49			16B	9		LXBRQ0	01	LXBR6D1	01	2	TLD	D3		23B			
41187		XA242	49		XA228	60			16B	9		LXBRQ0	02	LXBR7D1	01	2	TLD	D4		26B			
41188		XA228	60									LXBRQ0	03	LXBRQ0	00	1	TQ2	E2		28A	PORT B REQUEST		
41189		XA232	20		XA233	19			16B	9		LXBRSA	01	LXST20	01	4	TS8	B1		11A			
41190		XA233	19									LXBRSA	02	LXBRSA	00	1	TT3	B2		09B	PORT B TOU RESET		
43674		XA242	45		XA243	17			16B	9		LXBR6D1	01	LXBR6D1	00	1	TLD	D3		24B	PORT B REQUEST EVN		
									****		SIGNAL	LXBR6D1		IS ON THE						****			

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	PREFIX	CONNECTOR	PIN	BR FC	PREFIX	CONNECTOR	PIN	BR FC	MULTI GROUP	CODE	COLOR	IDENT												SPC INST IN SEC
64847 02704		XA243 XA447	17 69			XA447 69				16B	9		LXBR6DI LXBR6DI	02 03				RR1 SHT	B1				B04	
43675 64848 02707		XA242 XA243 XA447	51 18 72			XA243 XA447 72				16B	9		LXBR7DI LXBR7DI LXBR7DI	01 02 03	LXBR7DI	00	1	TLD RR1 SHT	D4 B2		27B	PORT B REQUEST ODD	B04	
41191 41192		XA239 XA228	14 49			XA228 49				16B	9		LXBSLA LXBSLA	01 02	LXBSLA LXONLO	00 01	1 2	TQ2 TQ2	B2 D4		09A 26B	PORT B SELECT		
40517 65590		XA244 XA348	77 44			XA348 44				16B	9		LXBSLBG LXBSLBG	01 02				DCF SHT					A02 B04	
41193 64307 64308		XA246 XA348 XA450	29 19 45			XA348 XA450 45				16B	9		LXBSLB4 LXBSLB4 LXBSLB4	005 01 02				RR4 SHT EXT	C5				B02 B04 B04	
64803 41194		XA348 XA244	17 78			XA244 78				16B	9		LXBSLDX LXBSLDX	00 02				SHT DCF			37B		C01 C01	
41195 41196 41197 41198 41199 41200 41201		XA245 XA244 XA238 XA239 XA239 XA238 XA238 XA233	73 75 55 18 18 04 01 18			XA244 XA238 XA239 XA239 XA238 XA233 18				16B	9		LXBSLOX LXBSLOX LXBSLOX LXBSLOX LXBSLOX LXBSLOX LXBSLOX	01 02 03 04 05 06 07	LXBSTOX LXBSTOX LXBRQA LXBSLA LXBIEA LXBQEA LXBRSA	01 00 01 01 01 01 01	1 1 1 1 1 1 3	DCF DCF TD4 TQ2 TQ2 TD4 TT3	D4 D4 E2 B2 A2 A2 B2		35B 36B 29B 10A 04A 02B 10A			
64309 64310		XA348 XA450	23 49			XA450 49				16B	9		LXBSTB LXBSTB	01 02				SHT EXT					B04 B04	
40516 65562		XA245 XA348	77 58	1		XA348 58	1			16B	9		LXBSTBG LXBSTBG	01 02				DCF SHT					B01 B04	
64805 41202 41203		XA348 XA246 XA245	21 25 78			XA246 XA245 78				16B	9		LXBSTD4 LXBSTD4 LXBSTD4	00 01 02				SHT RR4	C4				B04	
41204 43677		XA241 XA244	06 07									J	LXBOCD LXBOCDX	01 01	LXBOCD LXBOCDX	00 00	1 1	TLD DCF	A1 A1		05A 02B	LXA0CB4 BUSS TA00BB BUSS		
41205 41206		XA241 XA244	10 09			XA244 09				16B	9		LXBOCOX LXBOCOX	01 02	LXBOCD LXBOCOX	01 00	2 1	TLD DCF	A1 A2		07A 03B			
41207 41208 41209 41210		XA244 XA244 XA244 XA238	52 36 06 09			XA244 XA244 XA238 09				16B	9		LXBOEA LXBOEA LXBOEA LXBOEA	01 02 03 04	LXBCMDX LXB4CDX LXBOCDX LXBOEA	01 01 01 00	1 1 1 1	DCF DCF DCF TD4	C1 B1 A1 A2		29A 13A 05A 04B	PORT B DATA SEND		
												****	SIGNAL	LXBICD	IS ON THE NEXT PAGE					****				

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	PREFIX	CONNECTOR	PIN	USE	PREFIX	CONNECTOR	PIN	USE	MULTI GROUP	CODE	COLOR	IDENT									AND	OR		
41211		XA241	01									J	LXB1CD	01	LXB1CD	00	1	TLD	A2		02B	LXA1CB4 BUSS		
43687		XA244	17									J	LXB1CDX	01	LXB1CDX	00	1	DCF	A3		07B	TA01BB BUSS		
41212		XA241	05		XA244	15			16B	9		LXB1COX	01	LXB1CD	01	2	TLD	A2		03B				
41213		XA244	15									LXB1COX	02	LXB1COX	00	1	DCF	A4		06B				
41214		XA241	09									J	LXB2CD	01	LXB2CD	00	1	TLD	A3		04B	LXA2CB4 BUSS		
43688		XA244	14									J	LXB2CDX	01	LXB2CDX	00	1	DCF	A5		08B	TA02BB BUSS		
41215		XA241	07		XA244	10			16B	9		LXB2COX	01	LXB2CD	01	2	TLD	A3		03A				
41216		XA244	10									LXB2COX	02	LXB2COX	00	1	DCF	A6		07A				
41217		XA241	15									J	LXB3CD	01	LXB3CD	00	1	TLD	A4		07B	LXA3CB4 BUSS		
43689		XA244	01									J	LXB3CDX	01	LXB3CDX	00	1	DCF	A7		02A	TA03BB BUSS		
41218		XA241	13		XA244	03			16B	9		LXB3COX	01	LXB3CD	01	2	TLD	A4		06B				
41219		XA244	03									LXB3COX	02	LXB3COX	00	1	DCF	A8		03A				
41220		XA241	22									J	LXB4CD	01	LXB4CD	00	1	TLD	B1		12A	LXA4CB4 BUSS		
43690		XA244	27									J	LXB4CDX	01	LXB4CDX	00	1	DCF	B1		10B	TA04BB BUSS		
41221		XA241	26		XA244	29			16B	9		LXB4COX	01	LXB4CD	01	2	TLD	B1		14A				
41222		XA244	29									LXB4COX	02	LXB4COX	00	1	DCF	B2		11B				
41223		XA241	14									J	LXB5CD	01	LXB5CD	00	1	TLD	B2		09A	LXA5CB4 BUSS		
43691		XA244	37									J	LXB5CDX	01	LXB5CDX	00	1	DCF	B3		15B	TA05BB BUSS		
41224		XA241	20		XA244	35			16B	9		LXB5COX	01	LXB5CD	01	2	TLD	B2		11A				
41225		XA244	35									LXB5COX	02	LXB5COX	00	1	DCF	B4		14B				
41226		XA241	21									J	LXB6CD	01	LXB6CD	00	1	TLD	B3		10B	LXA6CB4 BUSS		
43692		XA244	41									J	LXB6CDX	01	LXB6CDX	00	1	DCF	B5		16A	TA06BB BUSS		
41227		XA241	19		XA244	40			16B	9		LXB6COX	01	LXB6CD	01	2	TLD	B3		09B				
41228		XA244	40									LXB6COX	02	LXB6COX	00	1	DCF	B6		15A				
41229		XA241	27									J	LXB7CD	01	LXB7CD	00	1	TLD	B4		13B	LXA7CB4 BUSS		
43693		XA244	23									J	LXB7CDX	01	LXB7CDX	00	1	DCF	B7		10A	TA07BB BUSS		
41230		XA241	25		XA244	30			16B	9		LXB7COX	01	LXB7CD	01	2	TLD	B4		12B				
41231		XA244	30									LXB7COX	02	LXB7COX	00	1	DCF	B8		11A				
41232		XA236	26		XA238	76			16B	9		LXCA0A	01	LXCMAS	01	2	TQ2	B1		14A				
									****			SIGNAL	LXCA0A		IS ON THE	NEXT PAGE	****							

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	PREFIX	CONNECTOR	PIN	PREFIX	CONNECTOR	PIN	MULTI GROUP	CODE	COLOR	IDENT											
41233		XA238	76									LXCA0A	02	LXCA0A	00	1	TD4	F1	37A	SET COMMAND ADDRESS	
41234		XA232	11		XA236	23						LXCA1A	01	LXCA1A	00	1	TS8	A1	05B	DEV CMND BYTE 1	
41235		XA236	23									LXCA1A	02	LXCA10	01	1	TQ2	B4	11B		
41236		XA233	09		XA233	21						LXCA10	01	LXDV5A	01	1	TT3	A3	04B		
41237		XA233	21		XA233	29						LXCA10	02	LXIROA	01	1	TT3	B3	10B		
41238		XA233	29		XA236	27						LXCA10	03	LXH50A	01	1	TT3	C2	14B		
41239		XA236	27		XA233	38						LXCA10	04	LXCA10	00	1	TQ2	B4	13B		
41240		XA233	38		XA226	37						LXCA10	05	LXEBOA	01	1	TT3	C1	18A		
41241		XA226	37		XA226	30						LXCA10	06	LXDVOA	01	1	TD4	C1	18B		
41242		XA226	30									LXCA10	07	LXOROA	01	1	TD4	C2	15A		
41243		XA238	23		XA236	24						LXCMAR	01	LXCMAR	00	1	TD4	B1	11B		
41244		XA236	24									LXCMAR	02	LXCMAS	01	1	TQ2	B1	13A		
41245		XA232	01		XA236	22						LXCMAS	01	LXCA1A	01	1	TS8	A1	02B		
41246		XA236	22		XA238	22						LXCMAS	02	LXCMAS	00	1	TQ2	B1	12A	COMMAND ADDRESS F/F	
41247		XA238	22									LXCMAS	03	LXCMAR	01	1	TD4	B1	12A		
41248		XA228	01								J	LXCP00	01	LXCP00	00	1	TQ2	A2	02B	LXCP1B BUSS	
41249		XA228	04		XA228	03						LXCP1A	01	LXCP00	01	1	TQ2	A2	04A		
41250		XA228	03		XA228	11						LXCP1A	02	LXCP10	01	1	TQ2	A3	02A		
41251		XA228	11		XA227	15						LXCP1A	03	LXCP20	01	1	TQ2	A4	05B		
41252		XA227	15									LXCP1A	04	LXCP1A	00	1	TQ2	A4	07B	PHASE 1 OF 2 PHASE	
41253		XA218	19		XA221	01						LXCP1B	01	LBSY0A	01	3	TD4	B2	09B		
41254		XA221	01		XA222	01						LXCP1B	02	LLPT1N	01	1	TDD	BN	02B		
41255		XA222	01		XA223	13						LXCP1B	03	LDMNDN	01	1	TDD	BN	02B		
41256		XA223	13		XA224	13						LXCP1B	04	LLPF2A	01	2	TQ2	A4	06B		
41257		XA224	13		XA224	25						LXCP1B	05	LLPF3A	01	2	TQ2	A4	06B		
41258		XA224	25		XA223	31						LXCP1B	06	LSNC3A	01	2	TQ2	B4	12B		
41259		XA223	31		XA221	56						LXCP1B	07	LAEN3A	01	2	TQ2	C3	15B		
41260		XA221	56		XA220	56						LXCP1B	08	LAE00N	01	1	TDD	GN	26A		
41261		XA220	56		XA220	46						LXCP1B	09	LAE01N	01	1	TDD	GN	26A		
41262		XA220	46		XA221	46						LXCP1B	10	LAE04N	01	1	TDD	HN	21A		
41263		XA221	46		XA222	46						LXCP1B	11	LAE03N	01	1	TDD	HN	21A		
41264		XA222	46		XA223	43						LXCP1B	12	LAE02N	01	1	TDD	HN	21A		
41265		XA223	43		XA223	49						LXCP1B	13	LAEN7A	01	2	TQ2	D3	23B		
41266		XA223	49		XA226	50						LXCP1B	14	LAEN6A	01	2	TQ2	D4	26B		
41267		XA226	50		XA227	50						LXCP1B	15	LAEN4A	01	4	TD4	D2	23A		
41268		XA227	50		XA230	42						LXCP1B	16	LSNC2A	01	2	TQ2	D2	23A		
41269		XA230	42		XA234	37						LXCP1B	17	LXST1N	01	1	TDD	EN	20A		
41270		XA234	37		XA231	14						LXCP1B	18	LK03B2U	01	1	DBC	C2	17B		
41271		XA231	14		XA230	14						LXCP1B	19	LXEB1N	01	1	TDD	DN	09A		
41272		XA230	14		XA228	15						LXCP1B	20	LXIR1N	01	1	TDD	DN	09A		
41273		XA228	15		XA228	09					P	LXCP20	21	LXCP1B	01	2	TQ2	A4	07B	CLOCK PHASE 1 BUS	
41274		XA228	09		XA228	01					P	LXCP10	22	LXCP1B	01	1	TQ2	A3	04B	CLOCK PHASE 1 BUS	
41275		XA228	01								P	LXCP00	23	LXCP1B	01	3	TQ2	A2	02B	CLOCK PHASE 1 BUS	

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	PREFIX	CONNECTOR	PIN	WIRE	PREFIX	CONNECTOR	PIN	WIRE	MULTI GROUP	CODE	COLOR	IDENT											
41276		XA228	09										J	LXCP10	01	LXCP10	00	1	TQ2	A3	04B	LXCP1B BUSS	
41277		XA228	15										J	LXCP20	01	LXCP20	00	1	TQ2	A4	07B	LXCP1B BUSS	
41278		XA227	03		XA227	04			16B	9				LXCP3A	01	LXCP40	01	1	TQ2	A3	02A		
41279		XA227	04		XA228	14			16B	9				LXCP3A	02	LXCP30	01	1	TQ2	A2	04A		
41280		XA228	14											LXCP3A	03	LXCP3A	00	1	TQ2	B2	09A	PHASE 3 OF 2 PHASE	
41281		XA227	01		XA227	09			16B	9			P	LXCP30	01	LXCP3B	01	1	TQ2	A2	02B	CLOCK PHASE 3 BUS	
41282		XA227	09		XA228	25			16B	9			P	LXCP40	02	LXCP3B	01	2	TQ2	A3	04B	CLOCK PHASE 3 BUS	
41283		XA228	25		XA228	43			16B	9				LXCP3B	03	LXIR1A	01	2	TQ2	B4	12B		
41284		XA228	43		XA224	43			16B	9				LXCP3B	04	LXEB1A	01	2	TQ2	D3	23B		
41285		XA224	43		XA223	36			16B	9				LXCP3B	05	LXST1A	01	2	TQ2	D3	23B		
41286		XA223	36		XA223	26			16B	9				LXCP3B	06	LAEN1A	01	2	TQ2	C2	17A		
41287		XA223	26		XA223	10			16B	9				LXCP3B	07	LSNC1A	01	2	TQ2	B1	14A		
41288		XA223	10		XA223	05			16B	9				LXCP3B	08	LLPT1A	01	2	TQ2	A1	07A		
41289		XA223	05		XA218	13			16B	9				LXCP3B	09	LLPF1A	01	2	TQ2	A2	03B		
41290		XA218	13		XA217	54			16B	9				LXCP3B	10	LIPFOA	01	4	TD4	A1	06B		
41291		XA217	54		XA217	64			16B	9				LXCP3B	11	LAEN2A	01	7	TS8	D1	25A		
41292		XA217	64		XA223	70			16B	9				LXCP3B	12	LSNCOA	01	5	TS8	E1	30A		
41293		XA223	70		XA225	79			16B	9				LXCP3B	13	LAEN5A	01	2	TQ2	E1	33A		
41294		XA225	79		XA226	79			16B	9				LXCP3B	14	LPTOCA	01	3	TT3	F1	39B		
41295		XA226	79		XA226	56			16B	9				LXCP3B	15	LAEBOA	01	4	TD4	F1	39B		
41296		XA226	56		XA232	66			16B	9				LXCP3B	16	LAEN0A	01	4	TD4	D1	26A		
41297		XA232	66		XA233	72			16B	9				LXCP3B	17	LPINTA	01	6	TS8	E1	31A		
41298		XA233	72		XA232	77			16B	9				LXCP3B	18	LSC11A	01	3	TT3	F2	34A		
41299		XA232	77											LXCP3B	19	LAOERA	01	6	TS8	F1	38B		
41300		XA227	01										J	LXCP30	01	LXCP30	00	1	TQ2	A2	02B	LXCP3B BUSS	
41301		XA227	09										J	LXCP40	01	LXCP40	00	1	TQ2	A3	04B	LXCP3B BUSS	
41302		XA245	54		XA244	54			16B	9				LXDBIO	01	LXAINOX	01	1	DCF	C6	30A		
41303		XA244	54		XA233	63			16B	9				LXDBIO	02	LXBINOX	01	1	DCF	C6	30A		
41304		XA233	63											LXDBIO	03	LXDBIO	00	1	TT3	E3	33B	INPUT INDICATOR	
41305		XA219	49		XA219	66			16B	9				LXDBSO	01	LXDB0TA	01	4	MUX	D1	24B		
41306		XA219	66		XA223	72			16B	9				LXDBSO	02	LXDB4TA	01	4	MUX	E1	32B		
41307		XA223	72											LXDBSO	03	LXDBSO	00	1	TQ2	F2	34A	INPUT MUX STATUS	
41308		XA235	71		XA219	55			16B	9				LXDB0TA	01	LXS031U	01	1	DBC	E1	33B		
41309		XA219	55											LXDB0TA	02	LXDB0TA	00	1	MUX	D1	27B	INPUT DATA MUX BIT	
41310		XA219	61		XA235	73			16B	9				LXDB0TB	01	LXDB0TB	00	1	MUX	D2	31B		
41311		XA235	73											LXDB0TB	02	LXS031U	01	2	DBC	E1	34B		
41312		XA235	75		XA219	60			16B	9				LXDB0TC	01	LXS031U	01	3	DBC	E1	35B		
41313		XA219	60											LXDB0TC	02	LXDB0TC	00	1	MUX	D3	28A		

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	PREFIX	CONNECTOR	PIN	ST. ID	PREFIX	CONNECTOR	PIN	ST. ID	MULTI GROUP	CODE	COLOR	IDENT											SPC INST MISC	
41314		XA219	63			XA235	77							LXDB0TD	01	LXDB0TD	00 1	MUX	D4		31A			
41315		XA235	77											LXDB0TD	02	LXS031U	01 4	DBC	E1		36B			
41316		XA234	71			XA219	73							LXDB4TA	01	LXS471U	01 1	DBC	E1		33B			
41317		XA219	73											LXDB4TA	02	LXDB4TA	00 1	MUX	E1		34B	INPUT DATA MUX BIT		
41318		XA219	79			XA234	73							LXDB4TB	01	LXDB4TB	00 1	MUX	E2		37B			
41319		XA234	73											LXDB4TB	02	LXS471U	01 2	DBC	E1		34B			
41320		XA234	75			XA219	74							LXDB4TC	01	LXS471U	01 3	DBC	E1		35B			
41321		XA219	74											LXDB4TC	02	LXDB4TC	00 1	MUX	E3		36A			
41322		XA219	80			XA234	77							LXDB4TD	01	LXDB4TD	00 1	MUX	E4		38B			
41323		XA234	77											LXDB4TD	02	LXS471U	01 4	DBC	E1		36B			
41324		XA226	31			XA227	24							LXDEVA	01	LXOR0A	01 2	TD4	C2		15B			
41325		XA227	24			XA228	38							LXDEVA	02	LXDEVO	01 1	TQ2	B1		13A			
41326		XA228	38			XA233	42							LXDEVA	03	LXDEVA	00 1	TQ2	C1		18A			
41327		XA233	42			XA233	34							LXDEVA	04	LXEBOA	01 3	TT3	C1		20A			
41328		XA233	34			XA233	25							LXDEVA	05	LXHSOA	01 3	TT3	C2		16A			
41329		XA233	25											LXDEVA	06	LXIROA	01 3	TT3	B3		12B			
41330		XA238	33			XA236	34							LXDEVR	01	LXDEVR	00 1	TD4	C2		16B			
41331		XA236	34											LXDEVR	02	LXDEVS	01 1	TQ2	C2		16A			
41332		XA232	30			XA236	30							LXDEVS	01	LXDV1A	01 1	TS8	C1		15A			
41333		XA236	30			XA238	30							LXDEVS	02	LXDEVS	00 1	TQ2	C2		15A	DEVICE COMMAND F/P		
41334		XA238	30											LXDEVS	03	LXDEVR	01 1	TD4	C2		15A			
41335		XA226	38			XA227	22							LXDEVO	01	LXDVOA	01 2	TD4	C1		18A			
41336		XA227	22			XA233	11							LXDEVO	02	LXDEVO	00 1	TQ2	B1		12A			
41337		XA233	11											LXDEVO	03	LXDV5A	01 2	TT3	A3		05B			
41338		XA223	03			XA226	09							LXDPEA	01	LCDES0	01 1	TQ2	A3		02A			
41339		XA226	09											LXDPEA	02	LXDPEA	00 1	TD4	A2		04B	AUTO OUTPUT COMND		
41340		XA245	50			XA244	50							LXDSBPR	01	LXAPCOX	01 1	DCF	C8		28A			
41341		XA244	50			XA237	13							LXDSBPR	02	LXBPCTX	01 1	DCF	C8		28A			
63780		XA237	13											LXDSBPR	03	LXDSBPR	00 1	PAR	A1		07A			
41343		XA233	13			XA228	30							LXDVCO	01	LXDV5A	01 3	TT3	A3		06B			
41344		XA228	30			XA226	40							LXDVCO	02	LXDVCO	00 1	TQ2	C2		15A			
41345		XA226	40											LXDVCO	03	LXDVOA	01 3	TD4	C1		19A			
41346		XA236	40			XA238	35							LXDVSR	01	LXDVSS	01 1	TQ2	C1		19A			
41347		XA238	35											LXDVSR	02	LXDVSR	00 1	TD4	C1		17B			
41348		XA238	37			XA236	38							LXDVSS	01	LXDVSR	01 1	TD4	C1		18B			
														****	SIGNAL	LXDVSS							IS ON THE NEXT PAGE	****

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	PREFIX	CONNECTOR	PIN	PREFIX	CONNECTOR	PIN	MULTI GROUP	CODE	COLOR											
41349		XA236	38		XA217	01		16B	9		LXDVSS	02	LXDVSS	00	1	TQ2	C1	18A	DEVICE COMMAND F/F	
41350		XA217	01								LXDVSS	03	LXSS0A	01	1	TS8	A1	02B		
41351		XA226	35		XA236	36		16B	9		LXDVOA	01	LXDVOA	00	1	TD4	C1	17B	SET DEVICE COMMAND	
41352		XA236	36								LXDVOA	02	LXDEVS	01	2	TQ2	C2	17A		
41353		XA232	35		XA224	71		16B	9		LXDV1A	01	LXDV1A	00	1	TS8	C1	17B		
41354		XA224	71								LXDV1A	02	LXDV10	01	1	TQ2	F2	36A		
41355		XA224	72		XA228	19		16B	9		LXDV10	01	LXDV10	00	1	TQ2	F2	34A	DEV COMMAND DATA	
41356		XA228	19		XA229	30		16B	9		LXDV10	02	LSYN1A	01	2	TQ2	B3	09B		
41357		XA229	30		XA231	42		16B	9		LXDV10	03	LPRNTN	01	1	TDD	EN	15A		
41358		XA231	42								LXDV10	04	LFRMFN	01	1	TDD	EN	20A		
41359		XA236	42		XA233	15		16B	9		LXDV5A	01	LXDVSS	01	2	TQ2	C1	20A		
41360		XA233	15								LXDV5A	02	LXDV5A	00	1	TT3	A3	07B	SET DEV COMND F/F	
41361		XA222	79		XA224	76		16B	9		LXEA0A	01	LXXREN	01	1	TDD	LN	39B		
41362		XA224	76		XA226	11		16B	9		LXEA0A	02	LXEA00	01	1	TQ2	F4	37A		
41363		XA226	11		XA236	19		16B	9		LXEA0A	03	LXEA0A	00	1	TD4	A1	05B	SET ENABLE ADDRESS	
41364		XA236	19								LXEA0A	04	LXENAS	01	2	TQ2	B3	09B		
41365		XA228	74		XA227	74		16B	9		LXEA00	01	LLTE0A	01	2	TQ2	F3	35B		
41366		XA227	74		XA224	80		16B	9		LXEA00	02	LXXDIA	01	2	TQ2	F3	35B		
41367		XA224	80								LXEA00	03	LXEA00	00	1	TQ2	F4	39A		
41368		XA233	36		XA229	17		16B	9		LXEBOA	01	LXEBOA	00	1	TT3	C1	17A	COMMAND IS EOB	
41369		XA229	17								LXEBOA	02	LXEBOQ	01	1	TDD	DQ	08B		
41370		XA231	18		XA229	19		16B	9		LXEBOQ	01	LXEB1I	01	1	TDD	DI	10A		
41371		XA229	19								LXEBOQ	02	LXEBOQ	00	1	TDD	DQ	09B	EOB SYNC COUNTER	
41372		XA228	45		XA229	14		16B	9		LXEB1A	01	LXEB1A	00	1	TQ2	D3	24B		
41373		XA229	14								LXEB1A	02	LXEB0N	01	1	TDD	DN	09A		
41374		XA226	78		XA228	41		16B	9		LXEB1Q	01	LAEBOA	01	3	TD4	F1	38A		
41375		XA228	41		XA231	19		16B	9		LXEB1Q	02	LXEB1A	01	1	TQ2	D3	22B		
41376		XA231	19								LXEB1Q	03	LXEB1Q	00	1	TDD	DQ	09B	EOB SYNC COUNTER	
41377		XA233	60		XA227	62		16B	9		LXED0A	01	LAEN2S	01	2	TT3	F2	28A		
41378		XA227	62		XA227	53		16B	9		LXED0A	02	LDCP00	01	1	TQ2	E2	29A		
41379		XA227	53		XA226	23		16B	9		LXED0A	03	LDCP10	01	1	TQ2	E3	28B		
41380		XA226	23								LXED0A	04	LXED0A	00	1	TD4	B1	11B	AUTO OUTPUT DATA	
41381		XA238	21		XA236	17		16B	9		LXENAR	01	LXENAR	00	1	TD4	B2	10B		
41382		XA236	17								LXENAR	02	LXENAS	01	1	TQ2	B3	08B		
41383		XA226	04		XA226	24		16B	9		LXENAS	01	LXDPEA	01	2	TD4	A2	04A		
41384		XA226	24		XA236	21		16B	9		LXENAS	02	LXED0A	01	2	TD4	B1	13A		
41385		XA236	21		XA238	14		16B	9		LXENAS	03	LXENAS	00	1	TQ2	B3	10B	ENABLE ADDRESS F/F	
								****		SIGNAL	LXENAS		IS ON THE		NEXT PAGE		****			

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	PREFIX	CONNECTOR	PIN	SR FC	PREFIX	CONNECTOR	PIN	SR FC	MULTI GROUP	CODE	COLOR	IDENT											SPEC INST
41386		XA238	14										LXENAS	04	LXENAR	01 1	TD4	B2		09A			
41387		XA228	52		XA 233	40				168	9		LXE0B0	01	LXE0B0	00 1	TQ2	D1		24A			
41388		XA233	40										LXE0B0	02	LXE0B0A	01 2	TT3	C1		19A			
41389		XA234	80		XA 235	80				168	9		LXGN1A	01	LXS471U	01 5	DBC	E1		38B			
41390		XA235	80		XA 245	72				168	9		LXGN1A	02	LXS031U	01 5	DBC	E1		38B			
41391		XA245	72		XA 245	49				168	9		LXGN1A	03	LXASTDX	401 1	DCF	D1		36A			
41392		XA245	49		XA 245	51				168	9		LXGN1A	04	LXACMOX	01 1	DCF	C2		27B			
41393		XA245	51		XA 244	51				168	9		LXGN1A	05	LXAENOX	01 1	DCF	C4		28B			
41394		XA244	51		XA 244	49				168	9		LXGN1A	06	LXBENOX	01 1	DCF	C4		28B			
41395		XA244	49		XA 239	09				168	9		LXGN1A	07	LXBCMOX	01 1	DCF	C2		27B			
41396		XA239	09		XA 229	18				168	9		LXGN1A	08	LXGN1A	00 1	TQ2	A3		04B	SOFT GROUND		
41397		XA229	18		XA 229	24				168	9		LXGN1A	09	LXEBOI	01 1	TDD	DI		10A			
41398		XA229	24		XA 229	40				168	9		LXGN1A	10	LXIROI	01 1	TDD	CI		13A			
41399		XA229	40		XA 219	53				168	9		LXGN1A	11	LXSTOI	01 1	TDD	FI		19A			
41400		XA219	53										LXGN1A	12	LXDBOTA	01 2	MUX	DI		26B			
40605		XA217	30		XA 218	01				168	9		LXGN2A	00C	LPCRSA	01 1	TS8	C1		15A			
40606		XA218	01		XA 220	05				168	9		LXGN2A	005	LPCRCA	01 1	TD4	A2		02B			
41401		XA220	05		XA 219	59				168	9		LXGN2A	01	LLPTOI	01 1	TDD	BI		03B			
41402		XA219	59		XA 236	39				168	9		LXGN2A	02	LXDBOTB	01 2	MUX	D2		30B			
41403		XA236	39		XA 234	79				168	9		LXGN2A	03	LXGN2A	00 1	TQ2	C4		19B			
41404		XA234	79		XA 235	79				168	9		LXGN2A	04	LXS473U	01 1	DBC	E3		37B			
41405		XA235	79		XA 245	74				168	9		LXGN2A	05	LXS033U	01 1	DBC	E3		37B			
41406		XA245	74		XA 245	70				168	9		LXGN2A	06	LDMNCOX	01 1	DCF	D6		37A			
41407		XA245	70										LXGN2A	07	LDMNDOX	01 1	DCF	D8		35A			
41408		XA221	71		XA 222	71				168	9		LXGN3A	01	LXXDII	01 1	TDD	MI		36A			
41409		XA222	71		XA 222	77				168	9		LXGN3A	02	LXXRCI	01 1	TDD	MI		36A			
41410		XA222	77		XA 221	77				168	9		LXGN3A	03	LXXREI	01 1	TDD	LI		38B			
41411		XA221	77		XA 220	77				168	9		LXGN3A	04	LXXCII	01 1	TDD	LI		38B			
41412		XA220	77		XA 220	71				168	9		LXGN3A	05	LXXDDI	01 1	TDD	LI		38B			
41413		XA220	71		XA 219	56				168	9		LXGN3A	06	LXXDSI	01 1	TDD	MI		36A			
41414		XA219	56		XA 227	51				168	9		LXGN3A	07	LXDBOTC	01 2	MUX	D3		28B			
41415		XA227	51		XA 234	78				168	9		LXGN3A	08	LXGN3A	00 1	TQ2	D4		27B			
41416		XA234	78		XA 235	78				168	9		LXGN3A	09	LXS474U	01 1	DBC	E4		38A			
41417		XA235	78										LXGN3A	10	LXS034U	01 1	DBC	E4		38A			
41418		XA233	30		XA 227	52				168	9		LXHSTO	01	LXHSOA	01 2	TT3	C2		15A			
41419		XA227	52										LXHSTO	02	LXHSTO	00 1	TQ2	D1		24A			
41420		XA232	14		XA 233	31				168	9		LXHSA	01	LXST20	01 1	TS8	B1		09A			
41421		XA233	31										LXHSA	02	LXHSA	00 1	TT3	C2		15B	COMMAND IS STOP		
41422		XA225	76		XA 238	66				168	9		LXINHR	01	LXXDIR	01 2	TT3	E3		37A			
41423		XA238	66		XA 238	60				168	9		LXINHR	02	LXARQA	01 2	TD4	E1		31A			
41424		XA238	60		XA 238	04				168	9		LXINHR	03	LXBRQA	01 2	TD4	E2		28A			
41425		XA238	04		XA 238	08				168	9		LXINHR	04	LXBOEA	01 2	TD4	A2		04A			
41426		XA238	08		XA 236	15				168	9		LXINHR	05	LXAQEA	01 2	TD4	A1		06A			
											****	SIGNAL	(LXINHR)	IS ON THE NEXT PAGE				****					

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149016-800
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RECORD NUMBER	FROM			TO			WIRE				SIGNAL	SEC NO	EQUATION	TERM	FACTOR	CKT CR CHIP TYPE	GROUP	LOAD OR POWER PLANE	TEST POINTS		SIGNAL DESCRIPTION	ECO NO
	PREFIX	CONNECTOR	PIN	PREFIX	CONNECTOR	PIN	SIZE	MULTI GROUP	CODE	COLOR									IDENT	AND		
41427 41428		XA236 XA233	15 01		XA233	01			16B	9		LXINHR LXINHR	06 07	LXINHR LXINHS	00 01	1 1	TQ2 TT3	A4 A2	07B 02B			
41429 41430		XA233 XA236	07 11		XA236	11			16B	9		LXINHS LXINHS	01 02	LXINHS LXINHR	00 01	1 1	TT3 TQ2	A2 A4	03A 05B	DATA SEND INHIBIT		
41431 41432		XA236 XA233	13 43		XA233	43			16B	9		LXINOA LXINOA	01 02	LXINHR LXINOA	01 00	2 1	TQ2 TT3	A4 D2	06B 23B			
41433 41434		XA227 XA233	39 23		XA233	23			16B	9		LXIRCO LXIRCO	01 02	LXIRCO LXIROA	00 01	1 2	TQ2 TT3	C4 B3	19B 11B			
41435 41436		XA229 XA233	27 27		XA233	27			16B	9		LXIROA LXIROA	01 02	LXIROQ LXIROA	01 00	1 1	TDD TT3	CQ B3	13B 13B	COMMAND IS ITR		
41437 41438		XA230 XA229	18 25		XA229	25			16B	9		LXIROQ LXIROQ	01 02	LXIRII LXIROQ	01 00	1 1	TDD TDD	DT CQ	10A 12B	ITR SYNC COUNTER		
41439 41440 41441		XA220 XA228 XA229	65 27 26		XA228 XA229	27 26			16B 16B	9 9		LXIRIA LXIRIA LXIRIA	01 02 03	LXXDSQ LXIRIA LXIRON	01 00 01	1 1 1	TDD TQ2 TDD	MQ B4 CN	34B 13B 14A			
41442 41443		XA228 XA230	23 19		XA230	19			16B	9		LXIRIQ LXIRIQ	01 02	LXIRIA LXIRIQ	01 00	1 1	TQ2 TDD	B4 DQ	11B 09B	ITR SYNC COUNTER		
41444 41445		XA239 XA232	15 22		XA232	22			16B	9		LXPRSA LXPRSA	01 02	LXPRSA LXST20	00 01	1 5	TQ2 TS8	A4 B1	07B 12A	CAP PANEL RESET		
40518 65563		XA244 XA348	79 58	3	XA348	58	3		16B	9		LXPRSBG LXPRSBG	01 02						40B		B01 B04	
41447 64319 64320		XA246 XA348 XA450	42 26 51		XA348 XA450	26 51			16B 16B	9 9		LXPRSB4 LXPRSB4 LXPRSB4	005 01 02				RR4 SHT EXT	01			B02 B04 B04	
64806 41446		XA348 XA244	24 80		XA244	80			16B	9		LXPRSDX LXPRSDX	00 01				SHT				C01 C01	
41448 41449		XA239 XA244	11 76		XA244	76			16B	9		LXPRSOX LXPRSOX	01 02	LXPRSA LXPRSOX	01 00	1 1	TQ2 DCF	A4 D6	05B 36A			
41450 41451 41452		XA227 XA227 XA235	17 18 09		XA227 XA235	18 09			16B 16B	9 9		LXRAE6T LXRAF6T LXRAF6T	01 02 03	LXRAE6T LSYN10 LXRAE6T	01 01 00	1 1 1	TQ2 TQ2 DBC	B3 B2 A7	08B 10A 05B			
41453 41454 41455		XA235 XA227 XA227	11 20 23		XA227 XA227	20 23			16B 16B	9 9		LXRAE7T LXRAF7T LXRAF7T	01 02 03	LXRAE7T LSYN10 LPRNT0	00 01 01	1 2 1	DBC TQ2 TQ2	A8 B2 B4	06B 11A 11B			
41456		XA240	40		XA239	38			16B	9		LXRCMR	01	LXRCMS	01	1	TQ2	C1	19A			
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	PREFIX	CONNECTOR	PIN	PLUG	PREFIX	CONNECTOR	PIN	PLUG	MULTI GROUP	CODE	COLOR	DEN.												
41457		XA239	38		XA238	49			16B	9			LXRCMR	02	LXRCMR	00	1	TQ2	C1	18A				
41458		XA238	49		XA233	52			16B	9			LXRCMR	03	LXXADO	01	1	TD4	D1	24B				
41459		XA233	52										LXRCMR	04	LXXBCO	01	1	TT3	D1	24A				
41460		XA238	77		XA240	38			16B	9			LXRCMS	01	LXCAOA	01	2	TD4	F1	38B				
41461		XA240	38		XA239	40			16B	9			LXRCMS	02	LXRCMS	00	1	TQ2	C1	18A	I/O INPUT REG COMM			
41462		XA239	40		XA233	46			16B	9			LXRCMS	03	LXRCMR	01	1	TQ2	C1	19A				
41463		XA233	46										LXRCMS	04	LXINOA	01	2	TT3	D2	21A				
41464		XA233	54		XA238	52			16B	9			LXREN	01	LXXBCO	01	2	TT3	D1	25A				
41465		XA238	52		XA239	30			16B	9			LXREN	02	LXXADO	01	2	TD4	D1	24A				
41466		XA239	30		XA240	34			16B	9			LXREN	03	LXREN	00	1	TQ2	C2	15A				
41467		XA240	34										LXREN	04	LXRENS	01	1	TQ2	C2	16A				
41468		XA240	30		XA239	34			16B	9			LXRENS	01	LXRENS	00	1	TQ2	C2	15A	I/O INPUT REG ENAB			
41469		XA239	34		XA226	08			16B	9			LXRENS	02	LXREN	01	1	TQ2	C2	16A				
41470		XA226	08										LXRENS	03	LXEAOA	01	2	TD4	A1	06A				
41471		XA240	29		XA239	33			16B	9			LXRPCR	01	LXRPCS	01	1	TQ2	C3	14B				
41472		XA239	33		XA238	54			16B	9			LXRPCR	02	LXRPCR	00	1	TQ2	C3	16B				
41473		XA238	54										LXRPCR	03	LXXADO	01	3	TD4	D1	25A				
41474		XA240	33		XA239	29			16B	9			LXRPCS	01	LXRPCS	00	1	TQ2	C3	16B				
41475		XA239	29		XA237	27			16B	9			LXRPCS	02	LXRPCR	01	1	TQ2	C3	14B				
41476		XA237	27		XA231	62			16B	9			LXRPCS	03	LXROPFR	02	1	PAR	B1	13B				
41477		XA231	62		XA232	07			16B	9			LXRPCS	04	LXROPFR	01	1	TDD	K1	29A				
41478		XA232	07										LXRPCS	05	LXCA1A	01	5	TS8	A1	03A				
41479		XA239	70		XA239	64			16B	9			LXRRSA	01	LXR4CR	01	2	TQ2	E1	33A				
41480		XA239	64		XA239	61			16B	9			LXRRSA	02	LXR5CR	01	2	TQ2	E2	30A				
41481		XA239	61		XA239	55			16B	9			LXRRSA	03	LXR7CR	01	2	TQ2	E4	32B				
41482		XA239	55		XA239	56			16B	9			LXRRSA	04	LXR6CR	01	2	TQ2	E3	29B				
41483		XA239	56		XA239	50			16B	9			LXRRSA	05	LXR0CR	01	2	TQ2	D1	26A				
41484		XA239	50		XA239	49			16B	9			LXRRSA	06	LXR1CR	01	2	TQ2	D2	23A				
41485		XA239	49		XA239	43			16B	9			LXRRSA	07	LXR3CR	01	2	TQ2	D4	26B				
41486		XA239	43		XA239	42			16B	9			LXRRSA	08	LXR2CR	01	2	TQ2	D3	23B				
41487		XA239	42		XA239	36			16B	9			LXRRSA	09	LXRCMR	01	2	TQ2	C1	20A				
41488		XA239	36		XA239	31			16B	9			LXRRSA	10	LXREN	01	2	TQ2	C2	17A				
41489		XA239	31		XA227	06			16B	9			LXRRSA	11	LXRPCR	01	2	TQ2	C3	15B				
41490		XA227	06										LXRRSA	12	LXRRSA	00	1	TQ2	A1	05A	RESET IOU INPUT RE			
41491		XA227	08		XA228	06			16B	9			LXRRSA	01	LXRRSA	01	1	TQ2	A1	06A				
41492		XA228	06										LXRRSA	02	LXRRSA	00	1	TQ2	A1	05A				
41493		XA236	06								J	LXRSOA	01	LXRSOA	00	1	TQ2	A1	05A	LXRSOB BUSS				
41494		XA220	04		XA221	04			16B	9			LXRSOB	01	LLPTOP	01	1	TDD	BP	04A				
41495		XA221	04		XA222	03			16B	9			LXRSOB	02	LLPTIP	01	1	TDD	BP	04A				
41496		XA222	03		XA225	05			16B	9			LXRSOB	03	LDMNDQ	01	1	TDD	BQ	02A				
41497		XA225	05		XA225	13			16B	9			LXRSOB	04	LLPTBR	01	3	TT3	A2	03B				
													****	SIGNAL		LXRSOB	IS ON THE		NEXT PAGE		****			

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	PREFIX	CONNECTOR	PIN	PREFIX	CONNECTOR	PIN	SH TO	MULTI GROUP	CODE	COLOR												
41546		XA236	01								J	LXRS1A	01	LXRS1A	00	1	TQ2	A2	02B	LXRS0B	BUSS	
41547		XA227	38		XA227	33			16B	9		P	LXRS3A	01	LXRS1B	01	1	TQ2	C1	18A	MASTER RESET BUS	1
41548		XA227	33		XA227	30			16B	9		P	LXRS5A	02	LXRS1B	01	3	TQ2	C3	16B	MASTER RESET BUS	1
41549		XA227	30									P	LXRS4A	03	LXRS1B	01	2	TQ2	C2	15A	MASTER RESET BUS	1
41550		XA236	09								J	LXRS2A	01	LXRS2A	00	1	TQ2	A3	04B	LXRS0B	BUSS	
41551		XA227	38								J	LXRS3A	01	LXRS3A	00	1	TQ2	C1	18A	LXRS1B	BUSS	
41552		XA227	30								J	LXRS4A	01	LXRS4A	00	1	TQ2	C2	15A	LXRS1B	BUSS	
41553		XA227	33								J	LXRS5A	01	LXRS5A	00	1	TQ2	C3	16B	LXRS1B	BUSS	
41554		XA240	54		XA239	52			16B	9		LXROCR	01	LXROCS	01	1	TQ2	D1	25A			
41555		XA239	52		XA232	43			16B	9		LXROCR	02	LXROCR	00	1	TQ2	D1	24A			
41556		XA232	43									LXROCR	03	LXXACO	01	1	TS8	D1	23B			
41557		XA240	52		XA239	54			16B	9		LXROCS	01	LXROCS	00	1	TQ2	D1	24A			
41558		XA239	54		XA237	17			16B	9		LXROCS	02	LXROCR	01	1	TQ2	D1	25A			
41559		XA237	17		XA232	08			16B	9		LXROCS	03	LXROPPR	01	1	PAR	B1	09B			
41560		XA232	08		XA231	77			16B	9		LXROCS	04	LXCA1A	01	6	TS8	A1	06A			
41561		XA231	77									LXROCS	05	LDO0B1	01	1	TQ2	LI	38B			
41562		XA217	08		XA226	13			16B	9		LXROPA	01	LXSS0A	01	6	TS8	A1	06A			
41563		XA226	13		XA232	37			16B	9		LXROPA	02	LXEAOA	01	4	TD4	A1	06B			
41564		XA232	37		XA236	75			16B	9		LXROPA	03	LXDV1A	01	5	TS8	C1	18B			
41565		XA236	75		XA238	79			16B	9		LXROPA	04	LXROPA	00	1	TQ2	F1	37B	I/O INPUT REG PART		
41566		XA238	79									LXROPA	05	LXCA0A	01	4	TD4	F1	39B			
41567		XA236	77		XA237	25			16B	9		LXROPPR	01	LXROPA	01	1	TQ2	F1	38B			
63781		XA237	25		XA233	35			16B	9		LXROPPR	02	LXROPPR	00	1	PAR	B1	14A			
41569		XA233	35		XA226	05			16B	9		LXROPPR	03	LX0DEA	01	2	TT3	C3	17B			
41570		XA226	05									LXROPPR	04	LXDPEA	01	3	TQ4	A2	03B			
41571		XA235	24		XA228	34			16B	9		LXR090T	01	LXR090T	00	1	DBC	B1	12A	DATA BYTE DECODER		
41572		XA228	34									LXR090T	02	LXDVCO	01	1	TQ2	C2	16A			
41573		XA227	54		XA235	26			16B	9		LXR091T	01	LXHST0	01	1	TQ2	D1	25A			
41574		XA235	26									LXR091T	02	LXR091T	00	1	DBC	B2	13A			
41575		XA235	27		XA228	54			16B	9		LXR092T	01	LXR092T	00	1	DBC	B3	14A			
41576		XA228	54									LXR092T	02	LXE0B0	01	1	TQ2	D1	25A			
41577		XA227	35		XA235	33			16B	9		LXR094T	01	LXIRCO	01	1	TQ2	C4	17B			
41578		XA235	33									LXR094T	02	LXR094T	00	1	DBC	B5	16A			
41579		XA228	48		XA235	29			16B	9		LXR097T	01	LXSS10	01	1	TQ2	D2	27A			
41580		XA235	29									LXR097T	02	LXR097T	00	1	DBC	B8	13B			
									****	SIGNAL		LXR098T		IS ON THE	NEXT PAGE	****						

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	PREFIX	CONNECTOR	PIN	SLUG	PREFIX	CONNECTOR	PIN	SLUG	MULTI GROUP	CODE	CO. OR	IDENT												
41581		XA235	31		XA228	29				168	9		LXR098T	01	LXR098T	00	1	DBC	B9		14B			
41582		XA228	29										LXR098T	02	LX0FRO	01	1	TQ2	C3		14B			
41583		XA232	10		XA232	46				168	9		LXR1CR	01	LXCA1A	01	7	TS8	A1		07A			
41584		XA232	46		XA239	46				168	9		LXR1CR	02	LXXACO	01	2	TS8	D1		21A			
41585		XA239	46		XA240	48				168	9		LXR1CR	03	LXR1CR	00	1	TQ2	D2		21A			
41586		XA240	48										LXR1CR	04	LXR1CS	01	1	TQ2	D2		22A			
41587		XA240	46		XA239	48				168	9		LXR1CS	01	LXR1CS	00	1	TQ2	D2		21A			
41588		XA239	48		XA237	19				168	9		LXR1CS	02	LXR1CR	01	1	TQ2	D2		22A			
62308		XA237	19		XA231	71				168	9		LXR1CS	03	LXROPPR	01	2	PAR	B1		10B			
41590		XA231	71										LXR1CS	04	LD01BI	01	1	TDD	MI		36A			
41591		XA232	13		XA232	48				168	9		LXR2CR	01	LXCA1A	01	8	TS8	A1		06B			
41592		XA232	48		XA239	45				168	9		LXR2CR	02	LXXACO	01	3	TS8	D1		22A			
41593		XA239	45		XA240	41				168	9		LXR2CR	03	LXR2CR	00	1	TQ2	D3		24B			
41594		XA240	41										LXR2CR	04	LXR2CS	01	1	TQ2	D3		22B			
41595		XA240	45		XA239	41				168	9		LXR2CS	01	LXR2CS	00	1	TQ2	D3		24B			
41596		XA239	41		XA237	21				168	9		LXR2CS	02	LXR2CR	01	1	TQ2	D3		22B			
62496		XA237	21		XA230	62				168	9		LXR2CS	03	LXROPPR	01	3	PAR	B1		11B			
41598		XA230	62										LXR2CS	04	LD02BI	01	1	TDD	KI		29A			
41599		XA240	47		XA239	51				168	9		LXR3CR	01	LXR3CS	01	1	TQ2	D4		25B			
41600		XA239	51		XA232	49				168	9		LXR3CR	02	LXR3CR	00	1	TQ2	D4		27B			
41601		XA232	49										LXR3CR	03	LXXACO	01	4	TS8	D1		26B			
41602		XA240	51		XA239	47				168	9		LXR3CS	01	LXR3CS	00	1	TQ2	D4		27B			
41603		XA239	47		XA237	23				168	9		LXR3CS	02	LXR3CR	01	1	TQ2	D4		25B			
62315		XA237	23		XA228	40				168	9		LXR3CS	03	LXROPPR	01	4	PAR	B1		12B			
41605		XA228	40		XA230	77				168	9		LXR3CS	04	LXDEVA	01	1	TQ2	C1		19A			
41606		XA230	77										LXR3CS	05	LD03BI	01	1	TDD	LI		38B			
41607		XA235	05		XA232	50				168	9		LXR4CR	01	LXRAF3T	01	1	DBC	A4		03B			
41608		XA232	50		XA239	66				168	9		LXR4CR	02	LXXACO	01	5	TS8	D1		23A			
41609		XA239	66		XA240	68				168	9		LXR4CR	03	LXR4CR	00	1	TQ2	E1		31A			
41610		XA240	68										LXR4CR	04	LXR4CS	01	1	TQ2	E1		32A			
41611		XA235	21		XA237	24				168	9		LXR4CS	01	LXR093T	01	1	DBC	B4		10B			
62364		XA237	24		XA240	66				168	9		LXR4CS	02	LXROPPR	01	5	PAR	B1		12A			
41613		XA240	66		XA239	68				168	9		LXR4CS	03	LXR4CS	00	1	TQ2	E1		31A			
41614		XA239	68		XA230	71				168	9		LXR4CS	04	LXR4CR	01	1	TQ2	E1		32A			
41615		XA230	71										LXR4CS	05	LD04BI	01	1	TDD	MI		36A			
41616		XA232	52		XA239	60				168	9		LXR5CR	01	LXXACO	01	6	TS8	D1		24A			
41617		XA239	60		XA240	62				168	9		LXR5CR	02	LXR5CR	00	1	TQ2	E2		28A			
41618		XA240	62										LXR5CR	03	LXR5CS	01	1	TQ2	E2		29A			
41619		XA235	03		XA235	19				168	9		LXR5CS	01	LXRAF2T	01	1	DBC	A3		02B			
41620		XA235	19		XA237	22				168	9		LXR5CS	02	LXR092T	01	1	DBC	B3		09B			
										****	SIGNAL	LXR5CS	03	IS ON THE NEXT PAGE										****

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	PREFIX	CONNECTOR	PIN	TO	PREFIX	CONNECTOR	PIN	IN	MULTI GROUP	CODE	COLOR	IDEN									AND	OR		
62283		XA237	22		XA240	60			16B	9			LXR5CS	03	LXR0PPR	01	6	PAR	B1		11A			
41622		XA240	60		XA239	62			16B	9			LXR5CS	04	LXR5CS	00	1	TQ2	E2		28A			
41623		XA239	62		XA229	62			16B	9			LXR5CS	05	LXR5CR	01	1	TQ2	E2		29A			
41624		XA229	62										LXR5CS	06	L0058I	01	1	TDD	KT		29A			
41625		XA232	54		XA239	57			16B	9			LXR6CR	01	LXXACO	01	7	TS8	D1		25A			
41626		XA239	57		XA240	53			16B	9			LXR6CR	02	LXR6CR	00	1	TQ2	E3		30B			
41627		XA240	53										LXR6CR	03	LXR6CS	01	1	TQ2	E3		28B			
41628		XA235	06		XA235	22			16B	9			LXR6CS	01	LXRAF1T	01	1	DBC	A2		03A			
41629		XA235	22		XA237	20			16B	9			LXR6CS	02	LXR091T	01	1	DBC	B2		11A			
62470		XA237	20		XA239	53			16B	9			LXR6CS	03	LXR0PPR	01	7	PAR	B1		10A			
41631		XA239	53		XA240	57			16B	9			LXR6CS	04	LXR6CR	01	1	TQ2	E3		28B			
41632		XA240	57		XA239	74			16B	9			LXR6CS	05	LXR6CS	00	1	TQ2	E3		30B			
41633		XA239	74		XA229	77			16B	9			LXR6CS	06	LXAD6A	01	2	TQ2	F3		35B			
41634		XA229	77										LXR6CS	07	L0068I	01	1	TDD	LT		38B			
41635		XA240	59		XA239	63			16B	9			LXR7CR	01	LXR7CS	01	1	TQ2	E4		31B			
41636		XA239	63		XA232	56			16B	9			LXR7CR	02	LXR7CR	00	1	TQ2	E4		33B			
41637		XA232	56										LXR7CR	03	LXXACO	01	8	TS8	D1		26A			
41638		XA235	04		XA235	20			16B	9			LXR7CS	01	LXRAF0T	01	1	DBC	A1		02A			
41639		XA235	20		XA237	18			16B	9			LXR7CS	02	LXR090T	01	1	DBC	B1		10A			
62240		XA237	18		XA239	59			16B	9			LXR7CS	03	LXR0PPR	01	8	PAR	B1		09A			
41641		XA239	59		XA240	63			16B	9			LXR7CS	04	LXR7CR	01	1	TQ2	E4		31B			
41642		XA240	63		XA239	78			16B	9			LXR7CS	05	LXR7CS	00	1	TQ2	F4		33B			
41643		XA239	78		XA229	71			16B	9			LXR7CS	06	LXAD7A	01	2	TQ2	F4		38A			
41644		XA229	71										LXR7CS	07	L0078I	01	1	TDD	MT		36A			
41645		XA223	69		XA228	35			16B	9			LXSK0A	01	LXSK0A	00	1	TQ2	F3		35A			
41646		XA228	35										LXSK0A	02	LXSK00	01	1	TQ2	C4		17B			
41647		XA235	69		XA234	69			16B	9			LXSK00	01	LXS032U	01	1	DBC	E2		32A			
41648		XA234	69		XA228	39			16B	9			LXSK00	02	LXS472U	01	1	DBC	E2		32A			
41649		XA228	39										LXSK00	03	LXSK00	00	1	TQ2	C4		19B	I/O BUFFER REGISTER		
41650		XA217	07		XA228	46			16B	9			LXSS0T	01	LXSS0A	01	5	TS8	A1		03A			
41651		XA228	46										LXSS0T	02	LXSS0T	00	1	TQ2	D2		21A			
41652		XA225	71		XA232	18			16B	9			LXSS0A	01	LXXC10	01	2	TT3	F2		36A			
41653		XA232	18		XA217	11			16B	9			LXSS0A	02	LXST20	01	2	TS8	B1		10A			
41654		XA217	11										LXSS0A	03	LXSS0A	00	1	TS8	A1		05B	SOFTWARE STOP COMM		
41655		XA242	35		XA229	35			16B	9			LXSTOP	01	LLQRS1	01	1	TLD	C4		17B			
41656		XA229	35										LXSTOP	02	LXSTOP	00	1	TDD	EP		17B			
41657		XA229	37		XA230	40			16B	9			LXSTOQ	01	LXSTOQ	00	1	TDD	EQ		18B	STOP SYNC COUNTER		
41658		XA230	40		XA241	41			16B	9			LXSTOQ	02	LXST1I	01	1	TDD	ET		19A			
41659		XA241	41										LXSTOQ	03	LLPRS1	01	1	TLD	D3		22B			
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	PREFIX	CONNECTOR	PIN	WIRE	PREFIX	CONNECTOR	PIN	WIRE	MULTI GROUP	CODE	COLOR	IDENT												
41660		XA224	45		XA229	42		16B	9				LXST1A	01	LXST1A	00	1	TQ2	D3		24B			
41661		XA229	42		XA239	23		16B	9				LXST1A	02	LXST0N	01	1	TDD	EN		20A			
41662		XA239	23										LXST1A	03	LXRS00	01	1	TQ2	B4		11B			
41663		XA224	41		XA230	37		16B	9				LXST1Q	01	LXST1A	01	1	TQ2	D3		22B			
41664		XA230	37										LXST1Q	02	LXST1Q	00	1	TDD	E0		18B	STOP SYNC COUNTER		
41665		XA227	45		XA229	39		16B	9				LXST2A	01	LXST2A	00	1	TQ2	D3		24B			
41666		XA229	39										LXST2A	02	LXST00	01	1	TDD	E0		19B			
41667		XA232	23		XA227	41		16B	9				LXST20	01	LXST20	00	1	TSB	B1		11B	START MASTER RESET		
41668		XA227	41										LXST20	02	LXST2A	01	1	TQ2	D3		22B			
41669		XA245	11		XA244	11		16B	9				LXS031U	01	LXA0C0X	01	1	DCF	A2		04B			
41670		XA244	11		XA237	03		16B	9				LXS031U	02	LXB0C0X	01	1	DCF	A2		04B			
62492		XA237	03		XA235	70		16B	9				LXS031U	03	LXDSBPR	01	1	PAR	A1		03B			
41672		XA235	70										LXS031U	04	LXS031U	00	1	DBC	E1		34A			
41673		XA245	13		XA244	13		16B	9				LXS032U	01	LXA1C0X	01	1	DCF	A4		05B			
41674		XA244	13		XA237	05		16B	9				LXS032U	02	LXB1C0X	01	1	DCF	A4		05B			
62267		XA237	05		XA235	72		16B	9				LXS032U	03	LXDSBPR	01	2	PAR	A1		04B			
41676		XA235	72										LXS032U	04	LXS032U	00	1	DBC	E2		35A			
41677		XA245	08		XA244	08		16B	9				LXS033U	01	LXA2C0X	01	1	DCF	A6		06A			
41678		XA244	08		XA237	07		16B	9				LXS033U	02	LXB2C0X	01	1	DCF	A6		06A			
62363		XA237	07		XA235	74		16B	9				LXS033U	03	LXDSBPR	01	3	PAR	A1		05B			
41680		XA235	74										LXS033U	04	LXS033U	00	1	DBC	E3		36A			
41681		XA245	04		XA244	04		16B	9				LXS034U	01	LXA3C0X	01	1	DCF	A8		04A			
41682		XA244	04		XA237	09		16B	9				LXS034U	02	LXB3C0X	01	1	DCF	A8		04A			
62296		XA237	09		XA235	76		16B	9				LXS034U	03	LXDSBPR	01	4	PAR	A1		06B			
41684		XA235	76										LXS034U	04	LXS034U	00	1	DBC	E4		37A			
41685		XA245	31		XA244	31		16B	9				LXS471U	01	LXA4C0X	01	1	DCF	B2		12B			
41686		XA244	31		XA237	10		16B	9				LXS471U	02	LXB4C0X	01	1	DCF	B2		12B			
62284		XA237	10		XA234	70		16B	9				LXS471U	03	LXDSBPR	01	5	PAR	A1		05A			
41688		XA234	70										LXS471U	04	LXS471U	00	1	DBC	E1		34A			
41689		XA245	33		XA244	33		16B	9				LXS472U	01	LXA5C0X	01	1	DCF	B4		13B			
41690		XA244	33		XA237	08		16B	9				LXS472U	02	LXB5C0X	01	1	DCF	B4		13B			
62469		XA237	08		XA234	72		16B	9				LXS472U	03	LXDSBPR	01	6	PAR	A1		04A			
41692		XA234	72										LXS472U	04	LXS472U	00	1	DBC	E2		35A			
41693		XA245	38		XA244	38		16B	9				LXS473U	01	LXA6C0X	01	1	DCF	B6		14A			
41694		XA244	38		XA237	06		16B	9				LXS473U	02	LXB6C0X	01	1	DCF	B6		14A			
62316		XA237	06		XA234	74		16B	9				LXS473U	03	LXDSBPR	01	7	PAR	A1		03A			
41696		XA234	74										LXS473U	04	LXS473U	00	1	DBC	E3		36A			
41697		XA245	34		XA244	34		16B	9				LXS474U	01	LXA7C0X	01	1	DCF	B8		12A			
41698		XA244	34		XA237	04		16B	9				LXS474U	02	LXB7C0X	01	1	DCF	B8		12A			
													****	SIGNAL	(LXS474U)								IS ON THE NEXT PAGE	****

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	PREFIX	CONNECTOR	PIN	USE	PREFIX	CONNECTOR	PIN	USE	SALE	MULTI GROUP	CODE	COLOR									IDENT	AND		
62307		XA237	04		XA234	76					16B	9		LXS474U	03	LXDSBPR	01	8	PAR	A1		02A		
41700		XA234	76											LXS474U	04	LXS474U	00	1	DBC	E4		37A		
41701		XA240	39		XA238	56					16B	9		LXXACA	01	LXXACA	00	1	TQ2	C4		19B		
41702		XA238	56											LXXACA	02	LXXADO	01	4	TD4	D1		26A		
41703		XA231	06		XA231	04					16B	9		LXXACP	01	LXXA1P	01	1	TDD	AP		05A		
41704		XA231	04		XA230	04					16B	9		LXXACP	02	LXXA3P	01	1	TDD	BP		04A		
41705		XA230	04		XA230	06					16B	9		LXXACP	03	LXXA2P	01	1	TDD	8P		04A		
41706		XA230	06		XA229	11					16B	9		LXXACP	04	LXXAOP	01	1	TDD	AP		05A		
41707		XA229	11											LXXACP	05	LXXACP	00	1	TDD	AP		05B		
41708		XA240	35		XA232	47					16B	9		LXXACO	01	LXXACA	01	1	TQ2	C4		17B		
41709		XA232	47											LXXACO	02	LXXACO	00	1	TS8	D1		25B		
41710		XA229	06		XA236	80					16B	9		LXXADA	01	LXXACP	01	1	TDD	AP		05A		
41711		XA236	80											LXXADA	02	LXXADA	00	1	TQ2	F4		39A	START I/O STATE	
41712		XA238	47		XA236	76					16B	9		LXXADO	01	LXXADO	00	1	TD4	D1		25B		
41713		XA236	76											LXXADO	02	LXXADA	01	1	TQ2	F4		37A		
41714		XA217	05		XA230	11					16B	9		LXXAOP	01	LXSSOA	01	3	TS8	A1		03B		
41715		XA230	11		XA232	05					16B	9		LXXAOP	02	LXXAOP	00	1	TDD	AP		05B		
41716		XA232	05		XA232	34					16B	9		LXXAOP	03	LXCA1A	01	3	TS8	A1		03B		
41717		XA232	34		XA236	62					16B	9		LXXAOP	04	LXDV1A	01	3	TS8	C1		16A		
41718		XA236	62		XA238	73					16B	9		LXXAOP	05	LXXA5A	01	1	TQ2	E2		29A		
41719		XA238	73											LXXAOP	06	LXXO5A	01	3	TD4	F2		36B		
41720		XA236	68		XA231	08					16B	9		LXXAOP	01	LXXA4A	01	1	TQ2	E1		32A		
41721		XA231	08		XA230	13					16B	9		LXXAOP	02	LXXA1I	01	1	TDD	AT		06A		
41722		XA230	13											LXXAOP	03	LXXAOP	00	1	TDD	AQ		06B	I/O STATE COUNTER	
41723		XA231	11		XA236	53					16B	9		LXXA1P	01	LXXA1P	00	1	TDD	AP		05B		
41724		XA236	53											LXXA1P	02	LXXA6A	01	1	TQ2	E3		28B		
41725		XA238	74		XA236	64					16B	9		LXXA1Q	01	LXXO5A	01	4	TD4	F2		35B		
41726		XA236	64		XA232	36					16B	9		LXXA1Q	02	LXXA5A	01	2	TQ2	E2		30A		
41727		XA232	36		XA232	06					16B	9		LXXA1Q	03	LXDV1A	01	4	TS8	C1		17A		
41728		XA232	06		XA231	13					16B	9		LXXA1Q	04	LXCA1A	01	4	TS8	A1		05A		
41729		XA231	13		XA230	05					16B	9		LXXA1Q	05	LXXA1Q	00	1	TDD	AQ		06B	I/O STATE COUNTER	
41730		XA230	05		XA217	06					16B	9		LXXA1Q	06	LXXA2I	01	1	TDD	BI		03B		
41731		XA217	06											LXXA1Q	07	LXSSOA	01	4	TS8	A1		05A		
41732		XA236	55		XA231	05					16B	9		LXXA2Q	01	LXXA6A	01	2	TQ2	E3		29B		
41733		XA231	05		XA230	07					16B	9		LXXA2Q	02	LXXA3I	01	1	TDD	BI		03B		
41734		XA230	07											LXXA2Q	03	LXXA2Q	00	1	TDD	BQ		03A	I/O STATE COUNTER	
41735		XA229	10		XA230	08					16B	9		LXXA3P	01	LXXACN	01	1	TDD	AN		07A		
41736		XA230	08		XA231	09					16B	9		LXXA3P	02	LXXA0I	01	1	TDD	AI		06A		
41737		XA231	09											LXXA3P	03	LXXA3P	00	1	TDD	BP		04B		

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	PREFIX	CONNECTOR	PIN	WIRE	PREFIX	CONNECTOR	PIN	WIRE	MULTI GROUP	CODE	COLOR	IDENT									AND	OR				
41738		XA236	70		XA228	24		168	9				LXXA3Q	01	LXXA4A	01	2	TQ2	E1		33A					
41739		XA228	24		XA231	07		168	9				LXXA3Q	02	LXXBKO	01	1	TQ2	B1		13A					
41740		XA231	07										LXXA3Q	03	LXXA3Q	00	1	TDD	B0		03A	I/O STATE COUNTER				
41741		XA240	76		XA236	66		168	9				LXXA4A	01	LXXA40	01	1	TQ2	F4		37A					
41742		XA236	66										LXXA4A	02	LXXA4A	00	1	TQ2	F1		31A					
41743		XA236	20		XA240	80		168	9				LXXA40	01	LXX04A	01	2	TQ2	B2		11A					
41744		XA240	80										LXXA40	02	LXXA40	00	1	TQ2	F4		39A	I/O STATE COUNTER				
41745		XA239	77		XA236	60		168	9				LXXA5A	01	LXXA50	01	1	TQ2	F1		38B					
41746		XA236	60										LXXA5A	02	LXXA5A	00	1	TQ2	F2		28A					
41747		XA226	07		XA226	26		168	9				LXXA50	01	LXDPEA	01	4	TD4	A2		03A					
41748		XA226	26		XA233	37		168	9				LXXA50	02	LXED0A	01	4	TD4	B1		14A					
41749		XA233	37		XA233	49		168	9				LXXA50	03	LXDPEA	01	3	TT3	C3		18B					
41750		XA233	49		XA239	75		168	9				LXXA50	04	LXOD0A	01	3	TT3	D3		26B					
41751		XA239	75										LXXA50	05	LXXA50	00	1	TQ2	F1		37B	I/O STATE COUNTER				
41752		XA236	57		XA228	08		168	9				LXXA6A	01	LXXA6A	00	1	TQ2	E3		30B	I/O STATE COUNTER				
41753		XA228	08										LXXA6A	02	LXRR50	01	1	TQ2	A1		06A					
41754		XA229	04		XA230	22		168	9				LXXBCA	01	LXXBOP	01	1	TDD	8P		04A					
41755		XA230	22		XA231	22		168	9				LXXBCA	02	LXXB1P	01	1	TDD	CP		12A					
41756		XA231	22		XA239	39		168	9				LXXBCA	03	LXXB2P	01	1	TDD	CP		12A					
41757		XA239	39										LXXBCA	04	LXXBCA	00	1	TQ2	C4		19B	RESET I/O BYTE COUN				
41758		XA239	35		XA233	50		168	9				LXXBCO	01	LXXBCA	01	1	TQ2	C4		17B					
41759		XA233	50										LXXBCO	02	LXXBCO	00	1	TT3	D1		23A					
41760		XA231	26		XA230	26		168	9				LXXBKO	01	LXXB2N	01	1	TDD	CN		14A					
41761		XA230	26		XA228	22		168	9				LXXBKO	02	LXXB1P	01	1	TDD	CN		14A					
41762		XA228	22		XA229	01		168	9				LXXBKO	03	LXXBKO	00	1	TQ2	B1		12A	I/O BYTE COUNTER				
41763		XA229	01										LXXBKO	04	LXXBON	01	1	TDD	BN		02B					
41764		XA238	31		XA238	38		168	9				LXXBOA	01	LXDVR	01	2	TD4	C2		15B					
41765		XA238	38		XA238	46		168	9				LXXBOA	02	LXDVS R	01	2	TD4	C1		18A					
41766		XA238	46		XA236	52		168	9				LXXBOA	03	LXQERR	01	2	TD4	D2		21A					
41767		XA236	52		XA240	77		168	9				LXXBOA	04	LXXBOA	00	1	TQ2	D1		24A					
41768		XA240	77										LXXBOA	05	LXXBOQ	01	1	TQ2	F1		38B					
41769		XA238	71		XA236	54		168	9				LXXBOP	01	LXX05A	01	1	TD4	E2		36A					
41770		XA236	54		XA229	09		168	9				LXXBOP	02	LXXBOA	01	1	TQ2	D1		25A					
41771		XA229	09										LXXBOP	03	LXXBOP	00	1	TDD	8P		04B					
41772		XA236	48		XA236	47		168	9				LXXBOQ	01	LXXB1A	01	1	TQ2	D2		22A					
41773		XA236	47		XA230	24		168	9				LXXBOQ	02	LXXB3A	01	1	TQ2	D4		25B					
41774		XA230	24		XA229	07		168	9				LXXBOQ	03	LXXB1I	01	1	TDD	CT		13A					
												****	SIGNAL		LXXBOQ	IS ON THE NEXT PAGE										****

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DRAWING NUMBER
UNIT ASSEMBLY NAME

149016-800
CARD CAGE ASSY,A,IFCU

STRING

UNIT ASSEMBLY NO.
FILE IDENT

149016
T39C1FC6

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RECORD NUMBER	FROM				TO				WIRE				SFC INST MISC	SIGNAL	SEQ NO	EQUATION	TERM	FACTOR	CKT OR CHIP TYPE	GROUP	LOAD OR POWER PLANE	TEST POINTS AND/OR	SIGNAL DESCRIPTION	ECO NO
	PREFIX	CONNECTOR	PIN	OR	PREFIX	CONNECTOR	PIN	OR	SH FG	MULTI GROUP	CODE	COLOR												
41775		XA229	07											LXXB0Q	04	LXXB0Q	00	1	TDD	BQ		03A	I/O BYTE COUNTER	
41776		XA240	75		XA236	18				16B	9			LXXB00	01	LXXB00	00	1	TQ2	F1		37B	I/O BYTE COUNTER	
41777		XA236	18											LXXB00	02	LXX04A	01	1	TQ2	B2		10A		
41778		XA236	46		XA240	71				16B	9			LXXB1A	01	LXXB1A	00	1	TQ2	D2		21A		
41779		XA240	71											LXXB1A	02	LXXB10	01	1	TQ2	F2		36A		
41780		XA230	23		XA236	50				16B	9			LXXB1P	01	LXXB1P	00	1	TDD	CP		11B		
41781		XA236	50											LXXB1P	02	LXXB1A	01	2	TQ2	D2		23A		
41782		XA236	41		XA231	24				16B	9			LXXB1Q	01	LXXB2A	01	1	TQ2	D3		22B		
41783		XA231	24		XA230	25				16B	9			LXXB1Q	02	LXXB2I	01	1	TDD	CI		13A		
41784		XA230	25											LXXB1Q	03	LXXB1Q	00	1	TDD	CQ		12B	I/O BYTE COUNTER	
41785		XA224	37		XA226	25				16B	9			LXXB10	01	LX0DRA	01	2	TQ2	C4		18B		
41786		XA226	25		XA232	04				16B	9			LXXB10	02	LXED0A	01	3	T04	B1		12B		
41787		XA232	04		XA240	72				16B	9			LXXB10	03	LXCA1A	01	2	TS8	A1		04A		
41788		XA240	72											LXXB10	04	LXXB10	00	1	TQ2	F2		34A	I/O BYTE COUNTER	
41789		XA238	19		XA238	25				16B	9			LXXB2A	01	LXENAR	01	3	TD4	B2		09B		
41790		XA238	25		XA236	45				16B	9			LXXB2A	02	LXCMAE	01	3	TD4	B1		12B		
41791		XA236	45		XA240	65				16B	9			LXXB2A	03	LXXB2A	00	1	TQ2	D3		24B		
41792		XA240	65											LXXB2A	04	LXXB20	01	1	TQ2	F3		34B		
41793		XA229	05		XA231	23				16B	9			LXXB2P	01	LXXB0I	01	1	TDD	BI		03B		
41794		XA231	23		XA236	43				16B	9			LXXB2P	02	LXXB2P	00	1	TDD	CP		11B		
41795		XA236	43		XA236	56				16B	9			LXXB2P	03	LXXB2A	01	2	TQ2	D3		23B		
41796		XA236	56		XA238	72				16B	9			LXXB2P	04	LXXB0A	01	2	TQ2	D1		26A		
41797		XA238	72											LXXB2P	05	LXX05A	01	2	TD4	F2		34A		
41798		XA236	49		XA231	25				16B	9			LXXB2Q	01	LXXB3A	01	2	TQ2	D4		26B		
41799		XA231	25											LXXB2Q	02	LXXB2Q	00	1	TDD	CQ		12B	I/O BYTE COUNTER	
41800		XA217	04		XA232	31				16B	9			LXXB20	01	LXSS0A	01	2	TS8	A1		04A		
41801		XA232	31		XA233	47				16B	9			LXXB20	02	LXDV1A	01	2	TS8	C1		15B		
41802		XA233	47		XA240	69				16B	9			LXXB20	03	LX0D0A	01	2	TT3	D3		25B		
41803		XA240	69											LXXB20	04	LXXB20	00	1	TQ2	F3		35A	I/O BYTE COUNTER	
41804		XA238	34		XA238	40				16B	9			LXXB3A	01	LXDFVR	01	3	TD4	C2		16A		
41805		XA238	40		XA238	48				16B	9			LXXB3A	02	LXDVSR	01	3	TD4	C1		19A		
41806		XA238	48		XA236	51				16B	9			LXXB3A	03	LX0FRF	01	3	TD4	D2		22A		
41807		XA236	51											LXXB3A	04	LXXB3A	00	1	TQ2	D4		27B	I/O BYTE COUNTER	
41808		XA221	80		XA227	72				16B	9			LXXCIA	01	LXXCIQ	01	1	TDD	LQ		39A		
41809		XA227	72											LXXCIA	02	LXXCIA	00	1	TQ2	F2		34A		
41810		XA233	57		XA226	61				16B	9			LXXCIP	01	LXDB10	01	1	TT3	E3		30B		
41811		XA226	61		XA221	76				16B	9			LXXCIP	02	LXXCRO	01	1	TD4	E1		32B		
41812		XA221	76											LXXCIP	03	LXXCIP	00	1	TDD	LP		37A		

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149016-800
 CARD CAGE ASSY,A,IFCU
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RECORD NUMBER	FROM				TO				WIRE				SIGNAL	SEQ NO	EQUATION	TERM FACTOR	CKT OR CHIP TYPE	GROUP	LOAD OR 'C'WEN PLANE	TEST POINTS AND OR	SIGNAL DESCRIPTION	ECO NO
	PREFIX	CONNECTOR	PIN	SP. P.O.	PREFIX	CONNECTOR	PIN	SP. P.O.	MULTI GROUP	CODE	COLOR	IDENT										
41814		XA219	52		XA219	68				168	9		LXXCIQ	02	LXDB0TA	01	3	MUX	D1		25A	
41815		XA219	68		XA221	78				168	9		LXXCIQ	03	LXDB4TA	01	3	MUX	F1		33A	
41816		XA221	78		XA237	11				168	9		LXXCIQ	04	LXXCIQ	00	1	TDD	LQ		38A	
62239		XA237	11										LXXCIQ	05	LXDSBPR	02	1	PAR	A1		07B	
41817		XA227	71		XA225	74				168	9		LXXCIO	01	LXXCIA	01	1	TQ2	F2		36A	
41818		XA225	74										LXXCIO	02	LXXCIO	00	1	TT3	F2		35B	INDICATOR INPUT
41819		XA226	59		XA229	52				168	9		LXXCRO	01	LXXCRO	00	1	TD4	E1		31B	IOU INPUT STROBE
41820		XA229	52		XA230	52				168	9		LXXCRO	02	LXXC4P	01	1	TDD	GP		24A	
41821		XA230	52		XA230	50				168	9		LXXCRO	03	LXXC1P	01	1	TDD	GP		24A	
41822		XA230	50		XA231	50				168	9		LXXCRO	04	LXXC3P	01	1	TDD	HP		23A	
41823		XA231	50		XA231	52				168	9		LXXCRO	05	LXXC2P	01	1	TDD	HP		23A	
41824		XA231	52										LXXCRO	06	LXXCOP	01	1	TDD	GP		24A	
41825		XA227	76		XA223	80				168	9		LXXCSA	01	LXXCSA	01	1	TQ2	F4		37A	
41826		XA223	80										LXXCSA	02	LXXCSA	00	1	TQ2	F4		39A	IOU INPUT STROBE
41827		XA238	07		XA238	13				168	9		LXXCSO	01	LXBOEA	01	4	TD4	A2		03A	
41828		XA238	13		XA227	80				168	9		LXXCSO	02	LXAQEA	01	4	TD4	A1		06B	
41829		XA227	80										LXXCSO	03	LXXCSO	00	1	TQ2	F4		39A	
41830		XA230	54		XA231	49				168	9		LXXC0Q	01	LXXC1I	01	1	TDD	GI		25A	
41831		XA231	49										LXXC0Q	02	LXXC0Q	00	1	TDD	GQ		26B	IOU INPUT STROBE
41832		XA231	48		XA230	49				168	9		LXXC1Q	01	LXXC2I	01	1	TDD	HI		22A	
41833		XA230	49										LXXC1Q	02	LXXC1Q	00	1	TDD	GQ		26B	
41834		XA223	76		XA223	65				168	9		LXXC2Q	01	LXXCSA	01	1	TQ2	F4		37A	
41835		XA223	65		XA230	48				168	9		LXXC2Q	02	LXSK0A	01	1	TQ2	F3		34B	
41836		XA230	48		XA231	43				168	9		LXXC2Q	03	LXXC3I	01	1	TDD	HI		22A	
41837		XA231	43										LXXC2Q	04	LXXC2Q	00	1	TDD	HQ		23B	
41838		XA230	45		XA223	74				168	9		LXXC3P	01	LXXC3P	00	1	TDD	HP		24B	
41839		XA223	74										LXXC3P	02	LXSK0A	01	2	TQ2	F3		35B	
41840		XA229	54		XA230	43				168	9		LXXC3Q	01	LXXC4I	01	1	TDD	GI		25A	
41841		XA230	43										LXXC3Q	02	LXXC3Q	00	1	TDD	HQ		23B	
41842		XA231	54		XA229	47				168	9		LXXC4P	01	LXXC0I	01	1	TDD	GI		25A	
41843		XA229	47		XA221	72				168	9		LXXC4P	02	LXXC4P	00	1	TDD	GP		25B	
41844		XA221	72		XA220	72				168	9		LXXC4P	03	LXXDIN	01	1	TDD	MN		34A	
41845		XA220	72		XA221	79				168	9		LXXC4P	04	LXXDSN	01	1	TDD	MN		34A	
41846		XA221	79		XA220	79				168	9		LXXC4P	05	LXXCIN	01	1	TDD	LN		39B	
41847		XA220	79										LXXC4P	06	LXXDDN	01	1	TDD	LN		39B	
41848		XA229	49		XA223	78				168	9		LXXC4Q	01	LXXC4Q	00	1	TDD	GQ		26B	IOU INPUT STROBE
41849		XA223	78										LXXC4Q	02	LXXCSA	01	2	TQ2	F4		38A	

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	PREFIX	CONNECTOR	PIN	WIRE	PREFIX	CONNECTOR	PIN	WIRE	MULTI GROUP	CODE	COLOR	IDENT											
41850		XA233	06		XA225	03				16B	9		LXXDDP	01	LXXDRO	01	1	TT3	A1		05A		
41851		XA225	03		XA225	08				16B	9		LXXDDP	02	LLPTBR	01	2	TT3	A2		02A		
41852		XA225	08		XA226	66				16B	9		LXXDDP	03	LLPT2R	01	2	TT3	A1		06A		
41853		XA226	66		XA220	76				16B	9		LXXDDP	04	LXXCRO	01	2	TD4	E1		31A		
41854		XA220	76										LXXDDP	05	LXXDDP	00	1	TDD	LP		37A		
41855		XA227	69		XA221	65				16B	9		LXXDIA	01	LXXDIA	00	1	TQ2	F3		35A		
41856		XA221	65										LXXDIA	02	LXXDIQ	01	1	TDD	MQ		34B		
41857		XA221	69		XA223	71				16B	9		LXXDIP	01	LXXDIP	00	1	TDD	MP		35A		
41858		XA223	71		XA225	78				16B	9		LXXDIP	02	LXDBSO	01	1	TQ2	F2		36A		
41859		XA225	78		XA226	68				16B	9		LXXDIP	03	LXXDIR	01	3	TT3	F3		38A		
41860		XA226	68		XA233	59				16B	9		LXXDIP	04	LXXCRO	01	3	TD4	E1		32A		
41861		XA233	59		XA233	08				16B	9		LXXDIP	05	LXDBIO	01	2	TT3	E3		31B		
41862		XA233	08										LXXDIP	06	LXXDRO	01	2	TT3	A1		06A		
41863		XA225	80		XA224	65				16B	9		LXXDIR	01	LXXDIR	00	1	TT3	F3		39A		
41864		XA224	65		XA226	19				16B	9		LXXDIR	02	LXXDIS	01	1	TQ2	F3		34B		
41865		XA226	19										LXXDIR	03	LPBZY0	01	3	TD4	B2		09B		
41866		XA224	69		XA225	69				16B	9		LXXDIS	01	LXXDIS	00	1	TQ2	F3		35A	INTERRUPT WAIT FOR	
41867		XA225	69		XA227	65				16B	9		LXXDIS	02	LXXDIR	01	1	TT3	F3		35A		
41868		XA227	65										LXXDIS	03	LXXDIA	01	1	TQ2	F3		34B		
41869		XA240	06		XA239	10				16B	9		LXXDRA	01	LXXDRA	00	1	TQ2	A1		05A	DATA RECEIVE INHIB	
41870		XA239	10		XA239	05				16B	9		LXXDRA	02	LXAIEA	01	2	TQ2	A1		07A		
41871		XA239	05										LXXDRA	03	LXBIEA	01	2	TQ2	A2		03B		
41872		XA233	04		XA240	08				16B	9		LXXDRO	01	LXXDRO	00	1	TT3	A1		04A		
41873		XA240	08										LXXDRO	02	LXXDRA	01	1	TQ2	A1		06A		
41874		XA220	69		XA223	73				16B	9		LXXDSP	01	LXXDSP	00	1	TDD	MP		35A		
41875		XA223	73		XA226	70				16B	9		LXXDSP	02	LXDBSO	01	2	TQ2	F2		36B		
41876		XA226	70		XA233	61				16B	9		LXXDSP	03	LXXCRO	01	4	TD4	E1		33A		
41877		XA233	61		XA233	10				16B	9		LXXDSP	04	LXDBIO	01	3	TT3	E3		32B		
41878		XA233	10										LXXDSP	05	LXXDRO	01	3	TT3	A1		07A		
41879		XA227	75		XA222	65				16B	9		LXXRCA	01	LXXRCA	00	1	TQ2	F1		37B	SET IOU REQUEST CO	
41880		XA222	65										LXXRCA	02	LXXRCQ	01	1	TDD	MQ		34B		
41881		XA231	66		XA230	66				16B	9		LXXRCQ	01	LXXROP	01	1	TDD	JP		31A		
41882		XA230	66		XA229	66				16B	9		LXXRCQ	02	LXXRIP	01	1	TDD	JP		31A		
41883		XA229	66		XA222	74				16B	9		LXXRCQ	03	LXXR2P	01	1	TDD	JP		31A		
41884		XA222	74										LXXRCQ	04	LXXRCQ	00	1	TDD	MQ		35B	IOU REQUEST CONTR	
41885		XA233	64		XA227	77				16B	9		LXXRCQ	01	LXXRCQ	00	1	TT3	F1		30A	IOU REQUEST OR GATE	
41886		XA227	77										LXXRCQ	02	LXXRCA	01	1	TQ2	F1		38B		
												****	SIGNAL	LXXREP	IS ON THE NEXT PAGE				****				

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	PREFIX	CONNECTOR	PIN		PREFIX	CONNECTOR	PIN		MULTI GROUP	CODE	COLOR	IDENT									AND	OR		
41887		XA222	76			XA227	79			16B	9		LXXREP	01	LXXREP	00	1	TDD	LP		37A			
41888		XA227	79										LXXREP	02	LXXRCA	01	2	TQ2	F1		39B			
41889		XA231	59			XA222	80			16B	9		LXXROP	01	LXXROP	00	1	TDD	JP		31B			
41890		XA222	80										LXXROP	02	LXXREQ	01	1	TDD	LQ		39A			
41891		XA230	68			XA231	61			16B	9		LXXROQ	01	LXXRII	01	1	TDD	JJ		32A			
41892		XA231	61			XA238	64			16B	9		LXXROQ	02	LXXROQ	00	1	TDD	JQ		32B	TOU REQUEST COUNT		
41893		XA238	64			XA238	70			16B	9		LXXROQ	03	LXBRQA	01	4	TD4	E2		30A			
41894		XA238	70										LXXROQ	04	LXARQA	01	4	TD4	F1		33A			
41895		XA230	61			XA229	68			16B	9		LXXR1Q	01	LXXR1Q	00	1	TDD	JQ		32B			
41896		XA229	68										LXXR1Q	02	LXXR2I	01	1	TDD	JJ		32A			
41897		XA231	68			XA229	59			16B	9		LXXR2P	01	LXXROI	01	1	TDD	JJ		32A			
41898		XA229	59			XA222	72			16B	9		LXXR2P	02	LXXR2P	00	1	TDD	JP		31B			
41899		XA222	72										LXXR2P	03	LXXRCN	01	1	TDD	MN		34A			
41900		XA238	24			XA238	18			16B	9		LXX04A	01	LXCMAR	01	2	TD4	B1		13A			
41901		XA238	18			XA236	14			16B	9		LXX04A	02	LXENAR	01	2	TD4	B2		10A			
41902		XA236	14										LXX04A	03	LXX04A	00	1	TQ2	B2		09A			
41903		XA239	71			XA238	69			16B	9		LXX05A	01	LXX050	01	1	TQ2	F2		36A			
41904		XA238	69										LXX05A	02	LXX05A	00	1	TD4	F2		35A	I/O STATE IS 5 I/O		
41905		XA226	10			XA238	78			16B	9		LXX050	01	LXEA0A	01	3	TD4	A1		07A			
41906		XA238	78			XA239	72			16B	9		LXX050	02	LXCA0A	01	3	TD4	F1		38A			
41907		XA239	72										LXX050	03	LXX050	00	1	TQ2	F2		34A			
41908		XA233	39			XA223	07			16B	9		LX0DEA	01	LX0DEA	00	1	TT3	C3		19B	OFR DATA PARITY		
41909		XA223	07										LX0DEA	02	LCDESO	01	2	TQ2	A3		03A			
41910		XA224	39			XA225	59			16B	9		LX0DRA	01	LX0DRA	00	1	TQ2	C4		19B	OFR RESET		
41911		XA225	59			XA227	59			16B	9		LX0DRA	02	LRSR00	01	2	TT3	E3		31B			
41912		XA227	59										LX0DRA	03	LDRS00	01	1	TQ2	E4		31B			
41913		XA233	51			XA227	55			16B	9		LX0DOA	01	LX0DOA	00	1	TT3	D3		27B	OFR DATA STROBE		
41914		XA227	55			XA227	64			16B	9		LX0DOA	02	LDCP10	01	2	TQ2	F3		29B			
41915		XA227	64			XA225	72			16B	9		LX0DOA	03	LDCP00	01	2	TQ2	E2		30A			
41916		XA225	72			XA224	05			16B	9		LX0DOA	04	LXXC10	01	3	TT3	F2		34A			
41917		XA224	05			XA220	03			16B	9		LX0DOA	05	LLPTBS	01	2	TQ2	A2		03B			
41918		XA220	03										LX0DOA	06	LLPT00	01	1	TDD	BQ		02A			
41919		XA236	29			XA238	45			16B	9		LX0FRR	01	LX0ERS	01	1	TQ2	C3		14B			
41920		XA238	45										LX0FRR	02	LX0FRR	00	1	TD4	D2		24B			
41921		XA224	35			XA233	45			16B	9		LX0FRS	01	LX0DRA	01	1	TQ2	C4		17B			
41922		XA233	45			XA233	33			16B	9		LX0FRS	02	LX0DOA	01	1	TT3	D3		24B			
41923		XA233	33			XA236	33			16B	9		LX0FRS	03	LX0DEA	01	1	TT3	C3		16B			
41924		XA236	33			XA238	43			16B	9		LX0FRS	04	LX0FRS	00	1	TQ2	C3		16B	OFR COMMAND F/E		
										****		SIGNAL	LX0FRS		IS ON THE	NEXT PAGE	****							

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	PREFIX	CONNECTOR	PIN	REL TO	PREFIX	CONNECTOR	PIN	REL TO	MULTI GROUP	CODE	COLOR	IDENT											
41925		XA238	43										LXOFRS	05	LXOFRR	01	1	TD4	D2		23B		
41926		XA228	33		XA 226	34				16B	9		LXOFRO	01	LXOFRO	00	1	TQ2	C3		16B		
41927		XA226	34										LXOFRO	02	LXOROA	01	3	TD4	C2		16A		
41928		XA233	05		XA 233	48				16B	9		LXONLO	01	LXINHS	01	3	TT3	A2		03B		
41929		XA233	48		XA 228	51				16B	9		LXONLO	02	LXINOA	01	3	TT3	D2		22A		
41930		XA228	51										LXONLO	03	LXONLO	00	1	TQ2	D4		27B	ON LINE CONTROL	
41931		XA236	31		XA 226	33				16B	9		LXOROA	01	LXOFRS	01	2	TQ2	C3		15B		
41932		XA226	33										LXOROA	02	LXOROA	00	1	TD4	C2		16B	COMMAND IS OFR	
41933		XA231	33		XA 227	11				16B	9		LX1MAP	01	LX1MAP	00	1	TDD	FP		16B		
41934		XA227	11										LX1MAP	02	LXCP1A	01	1	TQ2	A4		05B		
41935		XA228	18		XA 230	34				16B	9		LX1MAQ	01	LXCP3A	01	1	TQ2	B2		10A		
41936		XA230	34		XA 231	31				16B	9		LX1MAQ	02	LXIMBI	01	1	TDD	FI		16A		
41937		XA231	31										LX1MAQ	03	LX1MAQ	00	1	TDD	FQ		15B	2 PHASE CLOCK BIT	
41938		XA231	34		XA 230	33				16B	9		LX1MBP	01	LX1MAI	01	1	TDD	FI		16A		
41939		XA230	33		XA 228	20				16B	9		LX1MBP	02	LX1MBP	00	1	TDD	FP		16B		
41940		XA228	20										LX1MBP	03	LXCP3A	01	2	TQ2	B2		11A		
41941		XA227	13		XA 230	31				16B	9		LX1MBQ	01	LXCP1A	01	2	TQ2	A4		06B		
41942		XA230	31										LX1MBQ	02	LX1MBQ	00	1	TDD	FQ		15B	2 PHASE CLOCK BIT	
64321		J01	M2		XA 146	40				16B	9		LORIF	01				EX9					
63552		XA146	40										LORIF	02				MTS					
41943		XA240	27		XA 231	30				16B	9		L04MZO	01	L04MZO	00	1	TQ2	B4		13B	4 MHZ RECEIVER	
41944		XA231	30		XA 230	30				16B	9		L04MZO	02	LX1MAN	01	1	TDD	FN		15A		
41945		XA230	30										L04MZO	03	LX1MBN	01	1	TDD	FN		15A		
41946		XA228	53		XA 228	59				16B	9		L16MHA	01	L16MHO	01	1	TQ2	E3		28B		
41947		XA228	59		XA 227	66				16B	9		L16MHA	02	L16MIO	01	1	TQ2	E4		31B		
41948		XA227	66										L16MHA	03	L16MHA	00	1	TQ2	E1		31A	16 MHZ RECEIVER	
41949		XA230	01		XA 231	01				16B	9		L16MHO	01	LXXA2N	01	1	TDD	BN		02B		
41950		XA231	01		XA 230	10				16B	9		L16MHO	02	LXXA3N	01	1	TDD	BN		02B		
41951		XA230	10		XA 231	10				16B	9		L16MHO	03	LXXA0N	01	1	TDD	AN		07A		
41952		XA231	10		XA 231	70				16B	9		L16MHO	04	LXXA1N	01	1	TDD	AN		07A		
41953		XA231	70		XA 230	70				16B	9		L16MHO	05	LXXR0N	01	1	TDD	JN		33A		
41954		XA230	70		XA 229	70				16B	9		L16MHO	06	LXXR1N	01	1	TDD	JN		33A		
41955		XA229	70		XA 228	57				16B	9		L16MHO	07	LXXR2N	01	1	TDD	JN		33A		
41956		XA228	57										L16MHO	08	L16MHO	00	1	TQ2	E3		30B		
41957		XA228	63		XA 229	56				16B	9		L16MIO	01	L16MIO	00	1	TQ2	E4		33B		
41958		XA229	56		XA 230	56				16B	9		L16MIO	02	LXXC4N	01	1	TDD	GN		26A		
41959		XA230	56		XA 231	56				16B	9		L16MIO	03	LXXC1N	01	1	TDD	GN		26A		
41960		XA231	56		XA 231	46				16B	9		L16MIO	04	LXXCON	01	1	TDD	GN		26A		
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	PREFIX	CONNECTOR	PIN	PC SE	PREFIX	CONNECTOR	PIN	PC SE	MULTI GROUP	CODE	COLOR	IDENT									AND	OR		
50520		XA325	45			XA333	55				16B	9		MAEN2S	52	MAEN2R	01	1	TT3	D3	24B			
50521		XA333	55											MAEN2S	53	MAEN2S	00	1	TT3	E2	29B		PRINT COMMAND COUN	
50522		XA323	33			XA325	46				16B	9		MAEN3A	51	MAEN3A	00	1	TQ2	C3	16B			
50523		XA325	46											MAEN3A	52	MAEN1R	01	2	TT3	D2	21A			
50524		XA324	68			XA325	64				16B	9		MAEN3R	51	MAEN3S	01	1	TQ2	E1	32A			
50525		XA325	64											MAEN3R	52	MAEN3R	00	1	TT3	E1	30A			
50526		XA323	68			XA324	66				16B	9		MAEN3S	51	MAEN5A	01	1	TQ2	E1	32A			
50527		XA324	66			XA325	66				16B	9		MAEN3S	52	MAEN3S	00	1	TQ2	E1	31A		PRINT COMMAND COUN	
50528		XA325	66											MAEN3S	53	MAEN3R	01	1	TT3	E1	31A			
50529		XA326	45			XA324	50				16B	9		MAEN4A	51	MAEN4A	00	1	TD4	D2	24B			
50530		XA324	50											MAEN4A	52	MAEN1S	01	2	TQ2	D2	23A			
50531		XA320	64			XA323	66				16B	9		MAEN5A	51	MAENCP	01	1	TDD	KP	30A			
50532		XA323	66			XA325	47				16B	9		MAEN5A	52	MAEN5A	00	1	TQ2	E1	31A			
50533		XA325	47											MAEN5A	53	MAEN2R	01	2	TT3	D3	25B			
50534		XA324	70			XA323	51				16B	9		MAEN6A	51	MAEN3S	01	2	TQ2	E1	33A			
50535		XA323	51											MAEN6A	52	MAEN6A	00	1	TQ2	D4	27B			
50536		XA323	45			XA325	68				16B	9		MAEN7A	51	MAEN7A	00	1	TQ2	D3	24B			
50537		XA325	68											MAEN7A	52	MAEN3R	01	2	TT3	E1	32A			
50538		XA320	41			XA321	41				16B	9		MAESTO	51	MAE04Q	01	1	TDD	HQ	22B			
50539		XA321	41			XA322	41				16B	9		MAESTO	52	MAE03Q	01	1	TDD	HQ	22B			
50540		XA322	41			XA322	53				16B	9		MAESTO	53	MAE02Q	01	1	TDD	HQ	22B			
50541		XA322	53			XA321	53				16B	9		MAESTO	54	MAE13Q	01	1	TDD	KQ	28B			
50542		XA321	53			XA321	51				16B	9		MAESTO	55	MAE14Q	01	1	TDD	KQ	28B			
50543		XA321	51			XA320	51				16B	9		MAESTO	56	MAE00Q	01	1	TDD	GQ	27B			
50544		XA320	51			XA320	63				16B	9		MAESTO	57	MAE01Q	01	1	TDD	GQ	27B			
50545		XA320	63			XA321	63				16B	9		MAESTO	58	MAE12Q	01	1	TDD	JQ	33B			
50546		XA321	63			XA322	63				16B	9		MAESTO	59	MAE11Q	01	1	TDD	JQ	33B			
50547		XA322	63			XA324	60				16B	9		MAESTO	60	MAE10Q	01	1	TDD	JQ	33B			
50548		XA324	60											MAESTO	61	MAESTO	00	1	TQ2	E2	28A		RESET MAIN TIMING	
50549		XA324	29			XA325	39				16B	9		MAEOBR	51	MAEOBS	01	1	TQ2	C3	14B			
50550		XA325	39			XA333	75				16B	9		MAEOBR	52	MAEOBR	00	1	TT3	C3	19B			
50551		XA333	75											MAEOBR	53	MPINTO	01	1	TT3	F1	37B			
50552		XA325	33			XA324	33				16B	9		MAEOBS	51	MAEOBR	01	1	TT3	C3	16B			
50553		XA324	33											MAEOBS	52	MAEOBS	00	1	TQ2	C3	16B		EOB RECEIVED ON	
50556		XA333	78			XA321	47				16B	9		MAEOOP	51	MPDRCA	01	3	TT3	F3	38A			
50557		XA321	47			XA318	07				16B	9		MAEOOP	52	MAEOOP	00	1	TDD	GP	25B			
50558		XA318	07											MAEOOP	53	MPCRCA	01	4	TD4	A2	03A			
50559		XA332	62			XA320	54				16B	9		MAEOOQ	51	MPINTA	01	4	TS8	E1	29A			

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	PREFIX	CONNECTOR	PIN		PREFIX	CONNECTOR	PIN	MULTI GROUP	CODE	COLOR	IDENT												
50560		XA320	54		XA321	49		168	9			MAEO0Q	52	MAEO1I	01	1	TDD	GI		25A	MAIN TIMING COUNT		
50561		XA321	49		XA318	25		168	9			MAEO0Q	53	MAEO0Q	00	1	TDD	GQ		26B			
50562		XA318	25									MAEO0Q	54	MPFLIA	01	3	TD4	B1		12B			
50563		XA320	47		XA332	64		168	9			MAEO1P	51	MAEO1P	00	1	TDD	GP		25B			
50564		XA332	64									MAEO1P	52	MPINTA	01	5	TS8	F1		30A			
50565		XA332	74		XA322	48		168	9			MAEO1Q	51	MAOERA	01	4	TS8	F1		35B			
50566		XA322	48		XA320	49		168	9			MAEO1Q	52	MAEO2I	01	1	TDD	HI		22A			
50567		XA320	49									MAEO1Q	53	MAEO1Q	00	1	TDD	GQ		26B			
50568		XA317	19		XA317	36		168	9			MAEO2P	51	MPDSCA	01	3	TS8	B1		09B			
50569		XA317	36		XA322	45		168	9			MAEO2P	52	MPCRSA	01	4	TS8	C1		17A			
50570		XA322	45		XA332	75		168	9			MAEO2P	53	MAEO2P	00	1	TDD	HP		24B			
50571		XA332	75									MAEO2P	54	MAOERA	01	5	TS8	F1		37B			
50572		XA326	73		XA321	48		168	9			MAEO2Q	51	MAEBRA	01	3	TD4	F2		36B			
50573		XA321	48		XA322	43		168	9			MAEO2Q	52	MAEO3I	01	1	TDD	HI		22A			
50574		XA322	43									MAEO2Q	53	MAEO2Q	00	1	TDD	HQ		23B			
50575		XA318	26		XA321	45		168	9			MAEO3P	51	MPFLIA	01	4	TD4	B1		14A			
50576		XA321	45		XA326	74		168	9			MAEO3P	52	MAEO3P	00	1	TDD	HP		24B			
50577		XA326	74									MAEO3P	53	MAEBRA	01	4	TD4	F2		35B			
50578		XA321	43		XA320	48		168	9			MAEO3Q	51	MAEO3Q	00	1	TDD	HQ		23B			
50579		XA320	48		XA317	50		168	9			MAEO3Q	52	MAEO4I	01	1	TDD	HI		22A			
50580		XA317	50									MAEO3Q	53	MAEN2A	01	5	TS8	D1		23A			
50581		XA323	48		XA321	54		168	9			MAEO4P	51	MAECPO	01	1	TQ2	D2		22A			
50582		XA321	54		XA320	45		168	9			MAEO4P	52	MAEO0I	01	1	TDD	GI		25A			
50583		XA320	45		XA317	52		168	9			MAEO4P	53	MAEO4P	00	1	TDD	HP		24B			
50584		XA317	52									MAEO4P	54	MAEN2A	01	6	TS8	D1		24A			
50585		XA320	43		XA317	37		168	9			MAEO4Q	51	MAEO4Q	00	1	TDD	HQ		23B	MAIN TIMING COUNT		
50586		XA317	37		XA317	20		168	9			MAEO4Q	52	MPCRSA	01	5	TS8	C1		18B			
50587		XA317	20									MAEO4Q	53	MPDSCA	01	4	TS8	B1		11A			
50588		XA317	14		XA322	59		168	9			MAE10P	51	MPDSCA	01	1	TS8	B1		09A			
50589		XA322	59		XA333	69		168	9			MAE10P	52	MAE10P	00	1	TDD	JP		31B			
50590		XA333	69									MAE10P	53	MPDSCA	01	1	IT3	F3		35A			
50591		XA321	68		XA322	61		168	9			MAE10Q	51	MAE11I	01	1	TDD	JT		32A			
50592		XA322	61									MAE10Q	52	MAE10Q	00	1	TDD	JO		32B	MAIN TIMING COUNT		
50593		XA320	68		XA321	61		168	9			MAE11Q	51	MAE12I	01	1	TDD	J1		32A			
50594		XA321	61		XA317	31		168	9			MAE11Q	52	MAE11Q	00	1	TDD	JQ		32B			
50595		XA317	31		XA318	04		168	9			MAE11Q	53	MPCRSA	01	2	TS8	C1		15B			
50596		XA318	04									MAE11Q	54	MPCRSA	01	2	TD4	A2		04A			
50597		XA320	59		XA317	34		168	9			MAE12P	51	MAE12P	00	1	TDD	JP		31B			

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	PREFIX	CONNECTOR	PIN	SH. FC	PREFIX	CONNECTOR	PIN	SH. FC	MULTI GROUP	CODE	COLOR	IDENY												SPEC INSTR. MISC
50598		XA317	34		XA318	05				168	9		MAE12P	52	MPCRSA	01	3	TS8	C1		16A			
50599		XA318	05										MAE12P	53	MPCRCR	01	3	TD4	A2		03B			
50600		XA322	62		XA320	61				168	9		MAE12Q	51	MAE13I	01	1	TDD	KI		29A			
50601		XA320	61										MAE12Q	52	MAE12Q	00	1	TDD	JQ		32B			
50602		XA332	60		XA332	72				168	9		MAE13Q	51	MPINTA	01	2	TS8	E1		28A			
50603		XA332	72		XA326	71				168	9		MAE13Q	52	MAOERA	01	2	TS8	F1		34A			
50604		XA326	71		XA321	62				168	9		MAE13Q	53	MAEBRA	01	1	TD4	F2		36A			
50605		XA321	62		XA322	55				168	9		MAE13Q	54	MAE14I	01	1	TDD	KI		29A			
50606		XA322	55		XA317	48				168	9		MAE13Q	55	MAE13Q	00	1	TDD	KO		29B			
50607		XA317	48		XA318	22				168	9		MAE13Q	56	MAEN2A	01	3	TS8	D1		22A			
50608		XA318	22										MAE13Q	57	MPFLIA	01	1	TD4	B1		12A			
50609		XA333	76		XA332	73				168	9		MAE14P	51	MPDBCA	01	2	TT3	F3		37A			
50610		XA332	73		XA322	61				168	9		MAE14P	52	MAOERA	01	3	TS8	F1		36B			
50611		XA332	61		XA326	72				168	9		MAE14P	53	MPINTA	01	3	TS8	E1		32B			
50612		XA326	72		XA322	68				168	9		MAE14P	54	MAEBRA	01	2	TD4	F2		34A			
50613		XA322	68		XA321	57				168	9		MAE14P	55	MAE10I	01	1	TDD	JI		32A			
50614		XA321	57		XA317	49				168	9		MAE14P	56	MAE14P	00	1	TDD	KP		30B			
50615		XA317	49		XA318	24				168	9		MAE14P	57	MAEN2A	01	4	TS8	D1		26B			
50616		XA318	24		XA317	18				168	9		MAE14P	58	MPFLIA	01	2	TD4	B1		13A			
50617		XA317	18										MAE14P	59	MPDSCA	01	2	TS8	B1		10A			
50618		XA320	60		XA321	55				168	9		MAE14Q	51	MAENCN	01	1	TDD	KN		28A			
50619		XA321	55										MAE14Q	52	MAE14Q	00	1	TDD	KQ		29B		MAIN TIMING COUNT	
50620		XA325	50		XA324	54				168	9		MAOENR	51	MAOENR	00	1	TT3	D1		23A			
50621		XA324	54										MAOENR	52	MAOENS	01	1	TQ2	D1		25A			
50622		XA324	52		XA325	52				168	9		MAOENS	51	MAOENS	00	1	TQ2	D1		24A		AUTO OUTPUT ENABLE	
50623		XA325	52		XA326	62				168	9		MAOENS	52	MAOENR	01	1	TT3	D1		24A			
50624		XA326	62		XA326	77				168	9		MAOENS	53	MAENOR	01	3	TD4	E2		29A			
50625		XA326	77		XA325	75				168	9		MAOENS	54	MAEBOA	01	2	TD4	F1		38B			
50626		XA325	75		XA319	72				168	9		MAOENS	55	MPTOCA	01	1	TT3	F1		37B			
50627		XA319	72		XA317	46				168	9		MAOENS	56	MXDB4TC	01	2	MUX	E3		35A			
50628		XA317	46										MAOENS	57	MAEN2A	01	2	TS8	D1		21A			
50629		XA325	54		XA332	76				168	9		MAOERA	51	MAOENR	01	2	TT3	D1		25A			
50630		XA332	76										MAOERA	52	MAOERA	00	1	TS8	F1		37A		RESET AUTO OUTPUT	
64180		XA143	46		XA248	36				168	9	P	KXACMDX	01	MBCMAB	01	1	DCF	C1		25B		A01	
64322		XA248	36		XA345	46				168	9		MBCMAB	02				SHT					B04	
64432		XA345	46									P	MXACMDX	03	MBCMAB	02	1	DCF	C1		25B		A01	
60542		XA143	45		XA247	58				168	9		MBCMABR	01				DCF			27A		A02	
64323		XA247	58		XA345	45				168	9		MBCMABR	02				SHT					D03	
53579		XA345	45										MBCMABR	03				DCF			27A			
64192		XA142	46		XA248	76				168	9	P	KXBCMDX	01	MBCMAB	01	1	DCF	C1		25B		A01	
										****			SIGNAL	MBCMAB										IS ON THE NEXT PAGE

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	PREFIX	CONNECTOR	PIN		PREFIX	CONNECTOR	PIN	NO	MULTI GROUP	CODE	COLOR												
64324 64449		XA248 XA344	76 46			XA344 46			16B	9		MBCMBB MXBDMX	02 03	MBCMBB	02	1	SHT DCF	C1		25B		B04 A01	
60543 64325 53591		XA142 XA246 XA344	45 02 45			XA246 XA344 45			16B	9		MBCMBBR MBCMBBR MBCMBBR	01 02 03				DCF RR4 DCF			27A 27A		A02	
64205 64326 64433		XA143 XA248 XA345	55 33 55			XA248 XA345 55			16B	9	P	KXAENDX MBENAB MXAENDX	01 02 03	MBENAB	01	1	DCF SHT DCF	C3		30B 30B		A01 B04 A01	
60546 64746 53581 65641 64993 02855		XA143 XA249 XA345 XA249 XA251 XA350	53 33 53 33 76 76			XA249 XA345 XA251 XA350 76			16B	9		MBENABR MBENABR K MBENABR MBENABR MBENABR	01 02 03 04 05 06				DCF DCF EXT EXT					D04 D04 D04 D04 D04	
64193 64328 64450		XA142 XA248 XA344	55 73 55			XA248 XA344 55			16B	9	P	KXBENDX MBENBB MXBENDX	01 02 03	MBENBB	01	1	DCF SHT DCF	C3		30B 30B		A01 B04 A01	
60547 64329 53593		XA142 XA246 XA344	53 32 53	3		XA246 XA344 53	3		16B	9		MBENBBR MBENBBR MBENBBR	01 02 03				DCF RR4 DCF					A02	
64181 64330 64434		XA143 XA248 XA345	60 37 60			XA248 XA345 60			16B	9	P	KXAINDX MBINAB MXAINDX	01 02 03	MBINAB	01	1	DCF SHT DCF	C5		31B 31B		A01 B04 B05	
60549 64331 53580		XA143 XA247 XA345	58 44 58			XA247 XA345 58			16B	9		MBINABR MBINABR MBINABR	01 02 03				DCF SHT DCF					A02 D03	
64194 64332 64451		XA142 XA248 XA344	60 77 60			XA248 XA344 60			16B	9	P	KXBINDX MBINBB MXBINDX	01 02 03	MBINBB	01	1	DCF SHT DCF	C5		31B 31B		A01 B04 A01	
60548 64333 53592		XA142 XA248 XA344	58 44 58			XA248 XA344 58			16B	9		MBINBBR MBINBBR MBINBBR	01 02 03				DCF SHT DCF					A02 B04	
50631 50632		XA318 XA324	21 19			XA324 19			16B	9		MBSYOA MBSYOA	51 52	MBSYOA MBSYS	00	1	T04 T02	B2 B3		10B 09B			
50633 50634 50635		XA326 XA326 XA324	36 42 51			XA326 XA324 51			16B	9		MBUSYA MBUSYA MBUSYA	51 52 53	MXOROA MXDVOA MBUSYA	01	4	T04 T04 T02	C2 C1 D4		17A 20A 27B		HARDWARE BUSY WHEN	
50636		XA317	61			XA324	17		16B	9		MBUSYR	51	MSNCOA	01	3	T58	E1		32B			
**** SIGNAL (MBUSYR) IS ON THE NEXT PAGE ****																							

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	PREFIX	CONNECTOR	PIN	DR PT	PREFIX	CONNECTOR	PIN	DR PT	MULTI GROUP	CODE	COLOR	IDENT								SPEC INST MISC	ANC		
50637		XA324	17		XA325	27				16B	9		MBUSYR	52	MBUSYS	01 1	TQ2	B3		08B			
50638		XA325	27		XA333	71				16B	9		MBUSYR	53	MBUSYR	00 1	TT3	B3		13B			
50639		XA333	71										MBUSYR	54	MSC11A	01 2	TT3	F2		36A			
50640		XA326	54		XA325	21				16B	9		MBUSYS	51	MAENOA	01 3	TD4	D1		25A			
50641		XA325	21		XA324	21				16B	9		MBUSYS	52	MBUSYR	01 1	TT3	B3		10B			
50642		XA324	21		XA318	10				16B	9		MBUSYS	53	MBUSYS	00 1	TQ2	B3		10B	HARWARE BUSY F/F		
50643		XA318	10										MBUSYS	54	MLPFOA	01 3	TD4	A1		07A			
64182		XA143	43		XA248	01				16B	9	P	KXAPCDX	01	MBOPAB	01 1	DCF	C7		25A		A01	
64334		XA248	01		XA345	43				16B	9		MBOPAB	02	MBOPAB		SHT					B04	
64435		XA345	43									P	MXAPCDX	03	MBOPAB	02 1	DCF	C7		25A		A01	
60545		XA143	44		XA247	32				16B	9		MBOPABR	01			DCF					A02	
64335		XA247	32		XA345	44				16B	9		MBOPABR	02			SHT					D03	
53582		XA345	44										MBOPABR	03			DCF						
64195		XA142	43		XA248	40				16B	9	P	KXBPCDX	01	MBOPBB	01 1	DCF	C7		25A		A01	
64336		XA248	40		XA344	43				16B	9		MBOPBB	02	MBOPBB		SHT					B04	
64452		XA344	43									P	MXBPCDX	03	MBOPBB	02 1	DCF	C7		25A		A01	
60544		XA142	44		XA248	32				16B	9		MBOPBBR	01			DCF					A02	
64337		XA248	32		XA344	44				16B	9		MBOPBBR	02			SHT					B04	
53594		XA344	44										MBOPBBR	03			DCF						
64184		XA143	07		XA248	04				16B	9	P	KXAOCDX	01	MB00AB	01 1	DCF	A1		02B		A01	
64338		XA248	04		XA345	07				16B	9		MB00AB	02	MB00AB		SHT					B04	
64441		XA345	07									P	MXAOCDX	03	MB00AB	02 1	DCF	A1		02B		A01	
60529		XA143	05		XA247	02				16B	9		MB00ABR	01			DCF					A02	
64339		XA247	02		XA345	05				16B	9		MB00ABR	02			SHT					D03	
53583		XA345	05										MB00ABR	03			DCF						
64197		XA142	07		XA248	41				16B	9	P	KXB0CDX	01	MB00BB	01 1	DCF	A1		02B		A01	
64340		XA248	41		XA344	07				16B	9		MB00BB	02	MB00BB		SHT					B04	
64458		XA344	07									P	MXB0CDX	03	MB00BB	02 1	DCF	A1		02B		A01	
60528		XA142	05		XA246	44				16B	9		MB00BBR	01			DCF					A02	
64341		XA246	44		XA344	05				16B	9		MB00BBR	02			RR4						
53595		XA344	05										MB00BBR	03			DCF						
64185		XA143	17		XA248	05				16B	9	P	KXA1CDX	01	MB01AB	01 1	DCF	A3		07B		A01	
64342		XA248	05		XA345	17				16B	9		MB01AB	02	MB01AB		SHT					B04	
64442		XA345	17									P	MXA1CDX	03	MB01AB	02 1	DCF	A3		07B		A01	
60533		XA143	19		XA246	67				16B	9		MB01ABR	01			DCF					A02	
64343		XA246	67		XA345	19				16B	9		MB01ABR	02			RR4						
53584		XA345	19										MB01ABR	03			DCF						
64198		XA142	17		XA248	46				16B	9	P	KXB1CDX	01	MB01BB	01 1	DCF	A3		07B		A01	
										****	SIGNAL		MB01BB		IS ON THE		NEXT PAGE		****				

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	PREFIX	CONNECTOR	PIN	PREFIX	CONNECTOR	PIN	MULTI GROUP	CODE	COLOR											
64344		XA248	46		XA344	17			16B	9										
64459		XA344	17									P		MBO1BB	02					B04
														MXB1CDX	03	MBO1BB	02	1	SHT	A01
60532		XA142	19		XA245	32			16B	9										A02
64345		XA245	32		XA344	19			16B	9										
53596		XA344	19																	
64186		XA143	14		XA248	08			16B	9		P		KXA2CDX	01	MBO2AB	01	1	DCF	A01
64346		XA248	08		XA345	14			16B	9										B04
64443		XA345	14									P		MBO2AB	02					A01
														MXA2CDX	03	MBO2AB	02	1	DCF	A01
60530		XA143	16		XA245	67			16B	9										A02
64347		XA245	67		XA345	16			16B	9										
53585		XA345	16																	A01
64199		XA142	14		XA248	47			16B	9		P		MBO2ABR	01					A01
64348		XA248	47		XA344	14			16B	9										B04
64460		XA344	14									P		MBO2ABR	02					A01
														MXB2CDX	03	MBO2BB	02	1	DCF	A01
60531		XA142	16		XA248	02			16B	9										A02
64349		XA248	02		XA344	16			16B	9										
53597		XA344	16																	B04
64187		XA143	01		XA248	13			16B	9		P		MBO2BBR	01					A01
64350		XA248	13		XA345	01			16B	9										B04
64444		XA345	01									P		MBO2BBR	02					A01
														MXA3CDX	03	MBO3AB	02	1	DCF	A01
60526		XA143	02		XA247	16			16B	9										A02
64351		XA247	16		XA345	02			16B	9										
53586		XA345	02																	D03
64200		XA142	01		XA248	50			16B	9		P		MBO3ABR	01					A01
64352		XA248	50		XA344	01			16B	9										B04
64461		XA344	01									P		MBO3ABR	02					A01
														MXB3CDX	03	MBO3BB	02	1	DCF	A01
60527		XA142	02		XA244	32			16B	9										A02
64353		XA244	32		XA344	02			16B	9										
53598		XA344	02																	
64188		XA143	27		XA248	14			16B	9		P		MBO3BBR	01					A01
64354		XA248	14		XA345	27			16B	9										B04
64445		XA345	27									P		MBO3BBR	02					C02
														MXA4CDX	03	MBO4AB	02	1	DCF	A01
60534		XA143	25		XA244	67			16B	9										A02
64355		XA244	67		XA345	25			16B	9										
53587		XA345	25																	
64201		XA142	27		XA248	51			16B	9		P		MBO4ABR	01					A01
64356		XA248	51		XA344	27			16B	9										B04
64462		XA344	27									P		MBO4ABR	02					A01
														MXB4CDX	03	MBO4BB	02	1	DCF	A01

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																						AND	OR				
60535		XA142	25			XA242	02				16B	9		MBO4BBR	01				DCF							A02	
64357		XA242	02			XA344	25				16B	9		MBO4BBR	02				TLD			01A					
53599		XA344	25											MBO4BBR	03				DCF								
64189		XA143	37			XA248	17				16B	9	P	KXA5CDX	01	MBO5AB	01	1	DCF	B3		15B				A01	
64358		XA248	17			XA345	37				16B	9		MBO5AB	02				SHT							B04	
64446		XA345	37										P	MXA5CDX	03	MBO5AB	02	1	DCF	B3		15B				A01	
60538		XA143	39			XA242	67				16B	9		MBO5ABR	01				DCF							A02	
64359		XA242	67			XA345	39				16B	9		MBO5ABR	02				TLD								
53588		XA345	39											MBO5ABR	03				DCF							A01	
64202		XA142	37			XA248	54				16B	9	P	KXB5CDX	01	MBO5BB	01	1	DCF	B3		15B				A01	
64360		XA248	54			XA344	37				16B	9		MBO5BB	02				SHT							B04	
64463		XA344	37										P	MXB5CDX	03	MBO5BB	02	1	DCF	B3		15B				A01	
60539		XA142	39			XA248	16				16B	9		MBO5BBR	01				DCF							A02	
64361		XA248	16			XA344	39				16B	9		MBO5BBR	02				SHT							B04	
53600		XA344	39											MBO5BBR	03				DCF							A01	
64190		XA143	41			XA248	20				16B	9	P	KXA6CDX	01	MBO6AB	01	1	DCF	B5		16A				A01	
64362		XA248	20			XA345	41				16B	9		MBO6AB	02				SHT							B04	
64447		XA345	41										P	MXA6CDX	03	MBO6AB	02	1	DCF	B5		16A				A01	
60541		XA143	42			XA241	02				16B	9		MBO6ABR	01				DCF			20B				A02	
64363		XA241	02			XA345	42				16B	9		MBO6ABR	02				TLD			01A					
53589		XA345	42											MBO6ABR	03				DCF			20B				A01	
64203		XA142	41			XA248	57				16B	9	P	KXB6CDX	01	MBO6BB	01	1	DCF	B5		16A				A01	
64364		XA248	57			XA344	41				16B	9		MBO6BB	02				SHT							B04	
64464		XA344	41										P	MXB6CDX	03	MBO6BB	02	1	DCF	B5		16A				A01	
60540		XA142	42			XA241	32				16B	9		MBO6BBR	01				DCF			20B				A02	
64365		XA241	32			XA344	42				16B	9		MBO6BBR	02				TLD			21B					
53601		XA344	42											MBO6BBR	03				DCF			20B				A01	
64191		XA143	23			XA248	21				16B	9	P	KXA7CDX	01	MBO7AB	01	1	DCF	B7		10A				A01	
64366		XA248	21			XA345	23				16B	9		MBO7AB	02				SHT							B04	
64448		XA345	23										P	MXA7CDX	03	MBO7AB	02	1	DCF	B7		10A				A01	
60537		XA143	21			XA241	44				16B	9		MBO7ABR	01				DCF							A02	
64367		XA241	44			XA345	21				16B	9		MBO7ABR	02				TLD			27A					
53590		XA345	21											MBO7ABR	03				DCF								
64204		XA142	23			XA248	60				16B	9	P	KXB7CDX	01	MBO7BB	01	1	DCF	B7		10A				A01	
64368		XA248	60			XA344	23				16B	9		MBO7BB	02				SHT							B04	
64465		XA344	23										P	MXB7CDX	03	MBO7BB	02	1	DCF	B7		10A				A01	
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	PREFIX	CONNECTOR	PIN	WIRE	PREFIX	CONNECTOR	PIN	WIRE	MULTI GROUP	CODE	COLOR	IDENT										
60536		XA142	21		XA249	62				168	9		MBO7BBR	01			DCF				D04	
64773		XA249	62		XA344	21				168	9		MBO7BBR	02							D04	
53602		XA344	21									K	MBO7BBR	03			DCF				D04	
65642		XA249	62		XA451	58				168	9		MBO7BBR	04							D04	
65109		XA451	58		XA551	58				168	9		MBO7BBR	05			EXT				D04	
65110		XA551	58										MBO7BBR	06			EXT				B06	
50644		XA319	77		XA320	13				168	9		MCDERQ	51	MXDB4TB	01 2	MUX	E2		36B		
50645		XA320	13										MCDERQ	52	MCDERQ	00 1	TDD	AQ		06B	COMPUTER DATA PAR	
50646		XA324	57		XA320	15				168	9		MCDESA	51	MCDESA	00 1	TQ2	E3		30B		
50647		XA320	15										MCDESA	52	MCDESA	01 1	TDD	AQ		07B		
50648		XA323	09		XA324	53				168	9		MCDESO	51	MCDESO	00 1	TQ2	A3		04B	SET COMPUTER DATA	
50649		XA324	53										MCDESO	52	MCDESA	01 1	TQ2	E3		28B		
50650		XA330	79		XA331	79				168	9		MDCP00	51	MD03BN	01 1	TDD	LN		39B		
50651		XA331	79		XA331	72				168	9		MDCP00	52	MD00BN	01 1	TDD	LN		39B		
50652		XA331	72		XA331	60				168	9		MDCP00	53	MD01BN	01 1	TDD	MN		34A		
50653		XA331	60		XA330	60				168	9		MDCP00	54	MD00BN	01 1	TDD	KN		28A		
50654		XA330	60		XA327	60				168	9		MDCP00	55	MD02BN	01 1	TDD	KN		28A		
50655		XA327	60										MDCP00	56	MD00BN	00 1	TQ2	E2		28A	DATA REGISTER CLOC	
50656		XA327	57		XA329	60				168	9		MDCP10	51	MDCP10	00 1	TQ2	E3		30B	DATA REGISTER CLOC	
50657		XA329	60		XA330	72				168	9		MDCP10	52	MD05BN	01 1	TDD	KN		28A		
50658		XA330	72		XA329	72				168	9		MDCP10	53	MD04BN	01 1	TDD	MN		34A		
50659		XA329	72		XA329	79				168	9		MDCP10	54	MD07BN	01 1	TDD	MN		34A		
50660		XA329	79										MDCP10	55	MD06BN	01 1	TDD	LN		39B		
50662		XA346	46		XA348	62				168	9		MDMNCB4	01			RR4	D2			B02	
64577		XA348	62		XA250	71				168	9		MDMNCB4	02			SHT				C01	
64371		XA250	71										MDMNCB4	03			EXT				B04	
50661		XA345	80		XA348	60				168	9		MDMNC0X	01	MDMNC0X	00 1	DCF	D5		38B	SEND DATA TO PRINT	
64575		XA348	60										MDMNC0X	02			SHT				C01	
64370		XA250	72		XA345	79				168	9		MDMNC0XR	01			EXT				B04	
50472		XA345	79										MDMNC0XR	02			DCF			40B		
50663		XA339	19		XA340	14				168	9		MDMNC0	51	MDMNC0	01 2	TQ2	B3		09B		
50664		XA340	14										MDMNC0	52	MDMNC0	00 1	TQ2	B2		09A		
50665		XA345	76		XA340	18				168	9		MDMNC0X	51	MDMNC0X	00 1	DCF	D6		38A		
50666		XA340	18										MDMNC0X	52	MDMNC0	01 1	TQ2	B2		10A		
50667		XA339	21		XA340	17				168	9		MDMNC0	51	MDMNC0	00 1	TQ2	B3		10B		
50668		XA340	17										MDMNC0	52	MDMNC0	01 1	TQ2	B3		08B		
50669		XA346	35		XA348	63				168	9		MDMNCB4	01			RR4	D3			C01	
64578		XA348	63		XA250	69				168	9		MDMNCB4	02			SHT				B04	
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	PREFIX	CONNECTOR	PIN	SH FT	PREFIX	CONNECTOR	PIN	SH FT	MULTI GROUP	CODE	COLOR	IDENT											
64373		XA250	69										MDMNDB4	03				EXT					B04
50670		XA345	61		XA348	61				168	9		MDMNDDX	01	MDMNDDX	00	1	DCF	D7		33A	SEND DATA TO PRINT	C01
64576		XA348	61										MDMNDDX	02				SHT					C01
64372		XA250	70		XA345	59				168	9		MDMNDDXR	01				EXT					B04
50466		XA345	59										MDMNDDXR	02				DCF					
50671		XA326	46		XA323	40				168	9		MDMNDQ	51	MAEN4A	01	2	TD4	D2		21A		
50672		XA323	40		XA323	23				168	9		MDMNDQ	52	MKRS1A	01	1	TQ2	C1		19A		
50673		XA323	23		XA322	07				168	9		MDMNDQ	53	MKRS0A	01	1	TQ2	B4		11B		
50674		XA322	07										MDMNDQ	54	MDMNDQ	00	1	TDD	BQ		03A	PRINTER REQUEST LT	
50675		XA340	21		XA322	05				168	9		MDMNDO	51	MDMNDO	00	1	TQ2	B3		10B		
50676		XA322	05										MDMNDO	52	MDMNDI	01	1	TDD	BI		03B		
50677		XA339	17		XA345	68				168	9		MDMNDOX	51	MDMNDA	01	1	TQ2	B3		08B		
50678		XA345	68										MDMNDOX	52	MDMNDOX	00	1	DCF	D8		34A		
50679		XA331	64		XA330	64				168	9		MDRSOA	51	MDOPBP	01	1	TDD	KP		30A		
50680		XA330	64		XA331	73				168	9		MDRSOA	52	MDO2BP	01	1	TDD	KP		30A		
50681		XA331	73		XA331	75				168	9		MDRSOA	53	MDO1BP	01	1	TDD	MP		36B		
50682		XA331	75		XA330	75				168	9		MDRSOA	54	MDO0BP	01	1	TDD	LP		37B		
50683		XA330	75		XA328	75				168	9		MDRSOA	55	MDO3BP	01	1	TDD	LP		37B		
50684		XA328	75										MDRSOA	56	MDRSOA	00	1	TQ2	F1		37B		
50685		XA328	77		XA328	71				168	9		MDRS00	51	MDRSOA	01	1	TQ2	F1		38B		
50686		XA328	71		XA327	63				168	9		MDRS00	52	MDRS1A	01	1	TQ2	F2		36A		
50687		XA327	63										MDRS00	53	MDRS00	00	1	TQ2	E4		33B	RESET DATA REGISTR	
50688		XA329	64		XA330	73				168	9		MDRS1A	51	MDO5BP	01	1	TDD	KP		30A		
50689		XA330	73		XA329	75				168	9		MDRS1A	52	MDO4BP	01	1	TDD	MP		36B		
50690		XA329	75		XA329	73				168	9		MDRS1A	53	MDO6BP	01	1	TDD	LP		37B		
50691		XA329	73		XA328	72				168	9		MDRS1A	54	MDO7BP	01	1	TDD	MP		36B		
50692		XA328	72										MDRS1A	55	MDRS1A	00	1	TQ2	F2		34A		
50693		XA342	61		XA331	55				168	9		MDOPBQ	51	MPDBPD1	01	2	TLD	E4		32B		
50694		XA331	55										MDOPBQ	52	MDOPBQ	00	1	TDD	KQ		29B	DATA REGISTR BIT P	
50695		XA319	51		XA331	78				168	9		MDO0BQ	51	MXDB0TA	01	1	MUX	D1		25B		
50696		XA331	78										MDO0BQ	52	MDO0BQ	00	1	TDD	LQ		38A	DATA REGISTR BIT O	
50697		XA341	73		XA331	74				168	9		MDO1BQ	51	MPDB7D1	01	2	TLD	F2		36B		
50698		XA331	74		XA319	57				168	9		MDO1BQ	52	MDO1BQ	00	1	TDD	MQ		35B		
50699		XA319	57										MDO1BQ	53	MXDB0TB	01	1	MUX	D2		29B		
50700		XA319	54		XA330	55				168	9		MDO2BQ	51	MXDB0TC	01	1	MUX	D3		26A		
50701		XA330	55		XA341	79				168	9		MDO2BQ	52	MDO2BQ	00	1	TDD	KQ		29B		
50702		XA341	79										MDO2BQ	53	MPDB6D1	01	2	TLD	F1		39B		
										****	SIGNAL		MDO3BQ		IS ON THE			NEXT PAGE		****			

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	PREFIX	CONNECTOR	PIN		PREFIX	CONNECTOR	PIN	SIZE	MULTI GROUP	CODE	COLOR									IDENT	AND		
50703		XA342	73		XA330	78			168	9		MDO38Q	51	MPDB5D1	01	2	TLD	F2		36B			
50704		XA330	78		XA319	62			168	9		MDO38Q	52	MDO38Q	00	1	TDD	LQ		38A			
50705		XA319	62									MDO38Q	53	MXDB0TD	01	1	MUX	D4		29A			
50706		XA319	69		XA330	74			168	9		MDO48Q	51	MXDB4TA	01	1	MUX	E1		32A			
50707		XA330	74		XA341	55			168	9		MDO48Q	52	MDO48Q	00	1	TDD	MQ		35B			
50708		XA341	55									MDO48Q	53	MPDB4D	01	2	TLD	E3		29B			
50709		XA319	75		XA329	55			168	9		MDO58Q	51	MXDB4TB	01	1	MUX	E2		35B			
50710		XA329	55		XA341	64			168	9		MDO58Q	52	MDO58Q	00	1	TDD	KQ		29B			
50711		XA341	64									MDO58Q	53	MPDB3D	01	2	TLD	E2		30A			
50712		XA319	70		XA329	78			168	9		MDO68Q	51	MXDB4TC	01	1	MUX	E3		34A			
50713		XA329	78		XA342	79			168	9		MDO68Q	52	MDO68Q	00	1	TDD	LQ		38A			
50714		XA342	79									MDO68Q	53	MPDB2D1	01	2	TLD	F1		39B			
50715		XA319	76		XA329	74			168	9		MDO78Q	51	MXDB4TD	01	1	MUX	E4		37A			
50716		XA329	74		XA341	70			168	9		MDO78Q	52	MDO78Q	00	1	TDD	MQ		35B	DATA REGISTER BIT		
50717		XA341	70									MDO78Q	53	MPDB1D	01	2	TLD	E1		33A			
50718		XA331	35		XA323	20			168	9		MFRMFP	51	MFRMFP	00	1	TDD	EP		17B	I/O BYTE COUNTER		
50719		XA323	20									MFRMFP	52	MINT2A	01	2	TQ2	B2		17A			
50720		XA318	06		XA331	37			168	9		MFRMEQ	51	MFRMEQ	01	1	TQ4	A1		05A			
50721		XA331	37									MFRMFQ	52	MFRMFQ	00	1	TDD	EQ		18B	FORM FEED COMMAND		
50722		XA327	21		XA331	40			168	9		MFRMFO	51	MFRMFO	00	1	TQ2	B3		10B			
50723		XA331	40									MFRMFO	52	MFRMEI	01	1	TDD	EI		19A			
50724		XA325	11		XA325	23			168	9		MINT1A	51	MSNCOR	01	2	TT3	A3		05B			
50725		XA325	23		XA323	75			168	9		MINT1A	52	MBUSYR	01	2	TT3	B3		11B			
50726		XA323	75		XA317	62			168	9		MINT1A	53	MINT1A	00	1	TQ2	F1		37B	END OF DEV COMMAND		
50727		XA317	62									MINT1A	54	MSNCOA	01	4	TS8	E1		29A			
50728		XA318	76		XA323	77			168	9		MINT10	51	MINT10	00	1	TQ4	F1		37A			
50729		XA323	77		XA323	18			168	9		MINT10	52	MINT1A	01	1	TQ2	F1		38B			
50730		XA323	18									MINT10	53	MINT2A	01	1	TQ2	B2		10A			
50731		XA326	18		XA323	14			168	9		MINT2A	51	MPBZY0	01	2	TQ4	B2		10A			
50732		XA323	14		XA324	74			168	9		MINT2A	52	MINT2A	00	1	TQ2	B2		09A	END DEV COMND REQ		
50733		XA324	74		XA333	70			168	9		MINT2A	53	MXXDIS	01	2	TQ2	F3		35B			
50734		XA333	70									MINT2A	54	MXXRC0	01	3	TT3	E1		33A			
50735		XA320	38		XA321	38			168	9		MKRSOA	51	MK10BP	01	1	TDD	EP		18A			
50736		XA321	38		XA322	38			168	9		MKRSOA	52	MK05BP	01	1	TDD	EP		18A			
50737		XA322	38		XA322	36			168	9		MKRSOA	53	MK04BP	01	1	TDD	EP		18A			
50738		XA322	36		XA323	27			168	9		MKRSOA	54	MK11BP	01	1	TDD	FP		17A			
50739		XA323	27		XA334	35			168	9		MKRSOA	55	MKRSOA	00	1	TQ2	B4		13B	REQUEST LINE TIMER		
50740		XA334	35		XA335	35			168	9		MKRSOA	56	MK0385U	01	1	DBC	C5		16B			
50741		XA335	35									MKRSOA	57	MK0685U	01	1	DBC	C5		16B			

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	PREFIX	CONNECTOR	PIN	DR PG	PREFIX	CONNECTOR	PIN	DR PG	MULTI GROUP	CODE	COLOR	IDENY												
50742		XA320	36		XA321	36				16B	9		MKRS1A	51	MK17BP	01	1	TDD	FP		17A			
50743		XA321	36		XA323	38				16B	9		MKRS1A	52	MK16BP	01	1	TDD	FP		17A			
50744		XA323	38		XA322	52				16B	9		MKRS1A	53	MKRS1A	00	1	TQ2	C1		18A			
50745		XA322	52		XA334	49				16B	9		MKRS1A	54	MK22BP	01	1	TDD	GP		24A			
50746		XA334	49		XA335	49				16B	9		MKRS1A	55	MK12B5U	01	1	DBC	D5		24B			
50747		XA335	49										MKRS1A	56	MK18B5U	01	1	DBC	D5		24B			
50748		XA321	42		XA322	42				16B	9		MK03BA	51	MK05BN	01	1	TDD	EN		20A			
50749		XA322	42		XA323	63				16B	9		MK03BA	52	MK04BN	01	1	TDD	EN		20A			
50750		XA323	63										MK03BA	53	MK03BA	00	1	TQ2	E4		33B	REQUEST TIMER CLOC		
50751		XA323	59		XA334	46				16B	9		MK03B4U	51	MK03BA	01	1	TQ2	E4		31B			
50752		XA334	46										MK03B4U	52	MK03B4U	00	1	DBC	C4		21A			
50753		XA322	37		XA321	40				16B	9		MK04BQ	51	MK04BQ	00	1	TDD	EQ		18B	REQUEST TIMER BIT		
50754		XA321	40										MK04BQ	52	MK05BI	01	1	TDD	EI		19A			
50755		XA335	37		XA322	40				16B	9		MK05BP	51	MK06B2U	01	1	DBC	C2		17B			
50756		XA322	40		XA321	35				16B	9		MK05BP	52	MK04BI	01	1	TDD	EI		19A			
50757		XA321	35										MK05BP	53	MK05BP	00	1	TDD	EP		17B			
50758		XA323	57		XA320	42				16B	9		MK06BA	51	MK06BA	00	1	TQ2	E3		30B	REQUEST TIMER CLOC		
50759		XA320	42		XA322	30				16B	9		MK06BA	52	MK10BN	01	1	TDD	EN		20A			
50760		XA322	30										MK06BA	53	MK11BN	01	1	TDD	FN		15A			
50761		XA323	53		XA335	46				16B	9		MK06B4U	51	MK06BA	01	1	TQ2	E3		28B			
50762		XA335	46										MK06B4U	52	MK06B4U	00	1	DBC	C4		21A			
50763		XA322	34		XA320	37				16B	9		MK10BQ	51	MK11BI	01	1	TDD	FI		16A			
50764		XA320	37										MK10BQ	52	MK10BQ	00	1	TDD	EQ		18B	REQUEST TIMER BIT		
50765		XA320	40		XA322	33				16B	9		MK11BP	51	MK10BI	01	1	TDD	EI		19A			
50766		XA322	33		XA334	51				16B	9		MK11BP	52	MK11BP	00	1	TDD	FP		16B			
50767		XA334	51										MK11BP	53	MK12B2U	01	1	DBC	D2		25B			
50768		XA320	30		XA321	30				16B	9		MK12BA	51	MK17BN	01	1	TDD	FN		15A			
50769		XA321	30		XA323	60				16B	9		MK12BA	52	MK16BN	01	1	TDD	FN		15A			
50770		XA323	60										MK12BA	53	MK12BA	00	1	TQ2	E2		28A	REQUEST TIMER CLOC		
50771		XA323	62		XA334	62				16B	9		MK12B4U	51	MK12BA	01	1	TQ2	E2		29A			
50772		XA334	62										MK12B4U	52	MK12B4U	00	1	DBC	D4		29A			
50773		XA320	34		XA321	31				16B	9		MK16BQ	51	MK17BI	01	1	TDD	FI		16A			
50774		XA321	31										MK16BQ	52	MK16BQ	00	1	TDD	FQ		15B	REQUEST TIMER BIT		
50775		XA335	51		XA321	34				16B	9		MK17BP	51	MK18B2U	01	1	DBC	D2		25B			
50776		XA321	34		XA320	33				16B	9		MK17BP	52	MK16BI	01	1	TDD	FI		16A			
50777		XA320	33										MK17BP	53	MK17BP	00	1	TDD	FP		16B			

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	PREFIX	CONNECTOR	PIN	DR PD	PREFIX	CONNECTOR	PIN	DR PD	MULTI GROUP	CODE	COLOR	IDENT														
50778 50779		XA323 XA322	52 56			XA 322	56				168	9			MK188A MK188A	51 52	MK188A MK22BN	00 01	1 1	TQ2 TDD	D1 GN		24A 26A	REQUEST TIMER CLOC		
50780 50781		XA323 XA335	54 62			XA335	62				168	9			MK1884U MK1884U	51 52	MK188A MK1884U	01 00	1 1	TQ2 DBC	D1 D4		25A 29A			
50782 50783 50784		XA323 XA322 XA325	35 49 77			XA 322 XA 325	49 77				168	9			MK228Q MK228Q MK228Q	51 52 53	MK2290 MK228Q MPTOCA	01 00 01	1 1 2	TQ2 TDD TT3	C4 GQ F1		17B 26B 38B	REQUEST TIMER BIT		
50785 50786		XA322 XA323	54 39			XA 323	39				168	9			MK2290 MK2290	51 52	MK228I MK2290	01 00	1 1	TDD TQ2	GI C4		25A 19B			
64681 64376		XA247 XA250	52 57			XA 250	57				168	9			MLPDSB MLPDSB	01 02				SHT EXT						D03 D03
64374 64375		XA242 XA250	58 58	1		XA 250	58	1			168	9			MLPDSR MLPDSR	01 02				TLD EXT			40A			B05 B04
50787 64377 64679		XA341 XA243 XA247	52 47 50			XA243 XA247	47 50				168	9			MLPDS1 MLPDS1 MLPDS1	01 03 04	MLPDS1	00	1	TLD RR1 SHT	D1 E3		24A	PRINTER DATA STROB	D03 D03 D03	
64677 64380		XA247 XA250	48 61			XA 250	61				168	9			MLPEEB MLPFFB	01 02				SHT EXT						D03 D03
64378 64379		XA242 XA250	58 62	2		XA 250	62	2			168	9			MLPFFDR MLPFFDR	01 02				TLD EXT			40A			B05 B04
50788 64381 64675		XA341 XA243 XA247	46 48 46			XA243 XA247	48 46				168	9			MLPEFD1 MLPFFD1 MLPFFD1	01 03 04	MLPEFD1	00	1	TLD RR1 SHT	D2 E4		21A	PRINTER FORM FEED	D03 D03 D03	
50789 50790		XA318 XA324	11 26			XA324	26				168	9			MLPEFA MLPFOA	51 52	MLPEFA MLPFOS	00 01	1 2	TD4 TQ2	A1 B1		05B 14A	START FORM FEED		
50791 50792 50793		XA325 XA324 XA324	20 24 11			XA 324 XA 324	24 11				168	9			MLPFOR MLPFOR MLPFOR	51 52 53	MLPFOR MLPEFS MLPF3A	00 01 01	1 1 1	TT3 TQ2 TQ2	B1 R1 A4		11A 13A 05B			
50794 50795 50796		XA323 XA324 XA325	11 22 22			XA324 XA325	22 22				168	9			MLPFOS MLPEFS MLPFOS	51 52 53	MLPF2A MLPEFS MLPFOR	01 00 01	1 1 1	TQ2 TQ2 TT3	A4 R1 B1		05B 12A 12A	FORM FEED COUNTER		
50797 50798 50799		XA318 XA325 XA323	77 24 01			XA325 XA323	24 01				168	9			MLPF1A MLPEFA MLPF1A	51 52 53	MINT10 MLPEOR MLPF1A	01 01 00	2 2 1	TD4 TT3 TQ2	F1 R1 A2		38B 13A 02B			
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	PREFIX	CONNECTOR	PIN	SH 12	PREFIX	CONNECTOR	PIN	SH 12	MULTI GROUP	CODE										COLOR	IDENT		
50800		XA324	18		XA325	19				16B	9		MLPF1R	51	MLPF1S	01	1	TQ2	B2	10A			
50801		XA325	19		XA341	35				16B	9		MLPF1R	52	MLPF1R	00	1	TT3	B2	09B			
50802		XA341	35										MLPF1R	53	MLQFFDI	01	1	TLD	C4	17B			
50803		XA323	04		XA324	14				16B	9		MLPF1S	51	MLPF1A	01	1	TQ2	A2	04A			
50804		XA324	14		XA325	14				16B	9		MLPF1S	52	MLPF1S	00	1	TQ2	B2	09A	FORM FEED COUNTER		
50805		XA325	14		XA341	48				16B	9		MLPF1S	53	MLPF1R	01	1	TT3	B2	09A			
50806		XA341	48										MLPF1S	54	MLPFFDI	01	1	TLD	D2	22A			
50807		XA324	20		XA323	15				16B	9		MLPF2A	51	MLPF1S	01	2	TQ2	B2	11A			
50808		XA323	15										MLPF2A	52	MLPF2A	00	1	TQ2	A4	07B			
50809		XA325	17		XA324	15				16B	9		MLPF3A	51	MLPF1R	01	2	TT3	B2	08B			
50810		XA324	15										MLPF3A	52	MLPF3A	00	1	TQ2	A4	07B			
64672		XA247	42		XA250	65				16B	9		MLPRSB	01				SHT				D03	
64384		XA250	65										MLPRSB	02				EXT				D03	
64382		XA242	58	3	XA250	66	3			16B	9		MLPRSDR	01				TLD		40A		B05	
64383		XA250	66										MLPRSDR	02				EXT				B04	
50811		XA341	45		XA243	52				16B	9		MLPRSDI	01	MLPRSDI	00	1	TLD	D3	24B	PRINTER RESET WHEN	D03	
64385		XA243	52		XA247	40				16B	9		MLPRSDI	03				RR1	E5			D03	
64670		XA247	40										MLPRSDI	04				SHT				D03	
50812		XA324	04		XA325	07				16B	9		MLPTBR	51	MLPTBS	01	1	TQ2	A2	04A			
50813		XA325	07		XA326	20				16B	9		MLPTBR	52	MLPTBR	00	1	TT3	A2	03A			
50814		XA326	20										MLPTBR	53	MPBZY0	01	4	TD4	B2	11A			
50815		XA325	01		XA324	01				16B	9		MLPTBS	51	MLPTBR	01	1	TT3	A2	02B			
50816		XA324	01										MLPTBS	52	MLPTBS	00	1	TQ2	A2	02B	LOOP TEST BUSY F/F		
50817		XA320	07		XA321	05				16B	9		MLPTOQ	51	MLPTOQ	00	1	TDD	BQ	03A	LOOP TEST COUNTER		
50818		XA321	05										MLPTOQ	52	MLPT1I	01	1	TDD	BI	03B			
50819		XA333	68		XA324	10				16B	9		MLPT1A	51	MXXRC0	01	2	TT3	E1	32A			
50820		XA324	10		XA323	06				16B	9		MLPT1A	52	MLPT2S	01	2	TQ2	A1	07A			
50821		XA323	06		XA320	01				16B	9		MLPT1A	53	MLPT1A	00	1	TQ2	A1	05A			
50822		XA320	01										MLPT1A	54	MLPTON	01	1	TDD	BN	02B			
50823		XA323	08		XA321	07				16B	9		MLPT1Q	51	MLPT1A	01	1	TQ2	A1	06A			
50824		XA321	07										MLPT1Q	52	MLPT1Q	00	1	TDD	BQ	03A	LOOP TEST COUNTER		
50825		XA325	04		XA324	08				16B	9		MLPT2R	51	MLPT2R	00	1	TT3	A1	04A			
50826		XA324	08										MLPT2R	52	MLPT2S	01	1	TQ2	A1	06A			
50827		XA324	06		XA325	06				16B	9		MLPT2S	51	MLPT2S	00	1	TQ2	A1	05A	LOOP TEST WAIT FOR		
50828		XA325	06		XA328	65				16B	9		MLPT2S	52	MLPT2R	01	1	TT3	A1	05A			
50829		XA328	65										MLPT2S	53	MLTEOA	01	1	TQ2	F3	34B			
										****	SIGNAL		MLQDSB		IS ON THE	NEXT PAGE	****						

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	PREFIX	CONNECTOR	PIN	WIRE	PREFIX	CONNECTOR	PIN	WIRE	MULTI GROUP	CODE	COLOR	IDENT											
64682 64387		XA247 XA250	53 59		XA250	59				16B	9		MLQDSB MLQDSB	01 02				SHT EXT				D03 D03	
64389 64386		XA243 XA250	67 60	1	XA250	60		1		16B	9		MLQDSOR MLQDSOR	01 02				RR1 EXT				B04	
50830 64388 64680		XA341 XA243 XA247	51 54 51		XA243 XA247	54 51				16B 16B	9		MLQSD1 MLQSD1 MLQSD1	01 03 04	MLQSD1	00	1	TLD RR1 SHT	04 E6	27B	PRINTER DATA STROB	D03 D03 D03	
64678 64392		XA247 XA250	49 63		XA250	63				16B	9		MLQFFB MLQFFB	01 02				SHT EXT				D03 D03	
64390 64391		XA243 XA250	67 64	2	XA250	64		2		16B	9		MLQFFDR MLQFFDR	01 02				RR1 EXT				B04	
50831 64393 64676		XA341 XA243 XA247	39 51 47		XA243 XA247	51 47				16B 16B	9		MLQFFD1 MLQFFD1 MLQFFD1	01 03 04	MLQFFD1	00	1	TLD RR1 SHT	C4 E1	19B	PRINTER FORM FEED	D03 D03 D03	
64673 64396		XA247 XA250	43 67		XA250	67				16B	9		MLQRSB MLQRSB	01 02				SHT EXT				D03 D03	
64394 64395		XA243 XA250	67 68	3	XA250	68		3		16B	9		MLQRSOR MLQRSOR	01 02				RR1 EXT				B04	
50832 64397 64671		XA342 XA243 XA247	39 53 41		XA243 XA247	53 41				16B 16B	9		MLQRS1 MLQRS1 MLQRS1	01 03 04	MLQRS1	00	1	TLD RR1 SHT	C4 E2	19B	PRINTER RESET WHE	D03 D03 D03	
50833 50834		XA320 XA328	80 69		XA328	69				16B	9		MLTE0A MLTE0A	51 52	MXXDDQ MLTE0A	01 00	1	TDD TQ2	LQ E3	39A 35A	START DATA INPUT		
50835 50836 50837		XA326 XA324 XA319	21 47 78		XA324 XA319	47 78				16B 16B	9		MPBZY0 MPBZY0 MPBZY0	51 52 53	MPBZY0 MBUSYA MXOR&TD	00 01 01	1	TD4 TQ2 MUX	B2 04 E4	10B 25B 38A	HARDWARE BUSY WHEN		
50838 50839		XA318 XA336	09 71		XA336	71				16B	9		MPCRC A MPCRC A	51 52	MPCRC A MPCRC O	00 01	1	TD4 TQ2	A2 F2	04B 36A	NOT USED (FOR CR		
50840 50841 50842 50843		XA342 XA342 XA342 XA336	53 62 68 72		XA342 XA342 XA336	62 68 72				16B 16B 16B	9		MPCRC O MPCRC O MPCRC O MPCRC O	51 52 53 54	MPCRC4D MPCRC3D MPCRC1D MPCRC O	01 01 01 00	1	TLD TLD TLD TQ2	E3 E2 E1 E2	28B 29A 32A 34A	NOT USED		
50844 50845 50846		XA317 XA323 XA341	35 19 49		XA323 XA341	19 49				16B 16B	9		MPCRS A MPCRS A MPCRS A	51 52 53	MPCRS A MPDSCO MLQSD1	00 01 01	1	TS8 TQ2 TLD	C1 B3 D4	17B 09B 26B			
50847		XA342	66									J	MPCRC1D	51	MPCRC1D	00	1	TLD	E1	31A	MPDB1BI BUSS		

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	PREFIX	CONNECTOR	PIN	STYD	PREFIX	CONNECTOR	PIN	STYD	MULTI GROUP	CODE	COLOR	IDENT								AND	OR		
50848		XA342	60										J	MPCR3D	51	MPCR3D	00	1	TLD	E2	28A	MPDB3B1 BUSS	
50849		XA342	57										J	MPCR4D	51	MPCR4D	00	1	TLD	E3	30B	MPDB4B1 BUSS	
50850		XA333	80		XA336	65			168	9				MPDBCA	51	MPDBCA	00	1	TT3	F3	39A	SEND DATA TO PRINT	
50851		XA336	65											MPDBCA	52	MPDBCO	01	1	TQ2	F3	34B		
50852		XA341	53		XA342	59			168	9				MPDBCO	51	MPDB4D	01	1	TLD	E3	28B		
50853		XA342	59		XA341	62			168	9				MPDBCO	52	MPDBPD1	01	1	TLD	E4	31B		
50854		XA341	62		XA341	68			168	9				MPDBCO	53	MPDB3D	01	1	TLD	E2	29A		
50855		XA341	68		XA342	71			168	9				MPDBCO	54	MPDB1D	01	1	TLD	E1	32A		
50856		XA342	71		XA342	77			168	9				MPDBCO	55	MPDB5D1	01	1	TLD	F2	36A		
50857		XA342	77		XA341	77			168	9				MPDBCO	56	MPDB2D1	01	1	TLD	F1	38B		
50858		XA341	77		XA341	71			168	9				MPDBCO	57	MPDB6D1	01	1	TLD	F1	38B		
50859		XA341	71		XA336	69			168	9				MPDBCO	58	MPDB7D1	01	1	TLD	F2	36A		
50860		XA336	69											MPDBCO	59	MPDBCO	00	1	TQ2	F3	35A		
64399		XA243	58	1	XA250	56		1	168	9				MPDBPDR	01				RR1				
64400		XA250	56											MPDBPDR	02				EXT				B04
50861		XA342	63		XA250	55			168	9				MPDBPD1	01	MPDBPD1	00	1	TLD	E4	33B	PRINTER DATA BIT P	
64401		XA250	55		XA243	64			168	9				MPDBPD1	02				EXT				B04
64398		XA243	64											MPDBPD1	03				RR1	F6			
64402		XA243	44	1	XA250	42		1	168	9				MPDB1BR	01				RR1				
64403		XA250	42											MPDB1BR	02				EXT				B04
50862		XA341	66		XA342	66			168	9			P	MPDB1D	00	MPDB1B1	01	1	TLD	E1	31A	PRINTER DATA BIT 1	
50863		XA342	66		XA250	41			168	9			P	MPCR1D	01	MPDB1B1	02	1	TLD	E1	31A	PRINTER DATA BIT 1	
64404		XA250	41		XA243	55			168	9				MPDB1B1	02				EXT				B04
64405		XA243	55											MPDB1B1	03				RR1	F3			
50864		XA341	66										J	MPDB1D	51	MPDB1D	00	1	TLD	E1	31A	MPD1B1 BUSS	
64406		XA243	44	2	XA250	44		2	168	9				MPDB2DR	01				RR1				
64407		XA250	44											MPDB2DR	02				EXT				B04
50865		XA342	75		XA250	43			168	9				MPDB2D1	01	MPDB2D1	00	1	TLD	F1	37B	PRINTER DATA BIT 2	
64408		XA250	43		XA243	61			168	9				MPDB2D1	02				EXT				B04
64409		XA243	61											MPDB2D1	03				RR1	G1			
64410		XA243	44	3	XA250	46		3	168	9				MPDB3BR	01				RR1				
64411		XA250	46											MPDB3BR	02				EXT				B04
50866		XA341	60		XA342	60			168	9			P	MPDB3D	01	MPDB3B1	01	1	TLD	E2	28A	PRINTER DATA BIT 3	
50867		XA342	60		XA250	45			168	9			P	MPCR3D	02	MPDB3B1	02	1	TLD	E2	28A	PRINTER DATA BIT 3	
64412		XA250	45		XA243	56			168	9				MPDB3B1	03				EXT				B04
64413		XA243	56											MPDB3B1	04				RR1	F4			

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	PREFIX	CONNECTOR	PIN	PLANE	PREFIX	CONNECTOR	PIN	PLANE	MULTI GROUP	CODE	COLOR	IDENT															
50868		XA341	60										J	MPDB3D	51	MPDB3D	00	1	TLD	E2		28A	MPDB3B1 BUSS				
64414		XA242	44	3		XA250	48	3	16B	9				MPDB4BR	01				TLD			27A		A01			
64415		XA250	48											MPDB4BR	02				EXT						B04		
50869		XA342	57			XA341	57		16B	9			P	MPDB4D	01	MPDB4B1	02	1	TLD	E3		30B	PRINTER DATA BIT 4				
50870		XA341	57			XA250	47		16B	9			P	MPDB4D	02	MPDB4B1	01	1	TLD	E3		30B	PRINTER DATA BIT 4				
64416		XA250	47			XA243	62		16B	9				MPDB4B1	03				EXT						B04		
64417		XA243	62											MPDB4B1	04				RR1	F5							
50871		XA341	57										J	MPDB4D	51	MPDB4D	00	1	TLD	E3		30B	MPDB4B1 BUSS				
64418		XA242	44			XA250	50		16B	9				MPDB5DR	01				TLD			27A		A01			
64419		XA250	50											MPDB5DR	02				EXT						B04		
50872		XA342	72			XA250	49		16B	9				MPDB5D1	01	MPDB5D1	00	1	TLD	F2		34A	PRINTER DATA BIT 5				
64420		XA250	49			XA243	63		16B	9				MPDB5D1	02				EXT						B04		
64421		XA243	63											MPDB5D1	03				RR1	G2							
64422		XA243	58	2		XA250	52	2	16B	9				MPDB6DR	01				RR1								
64423		XA250	52											MPDB6DR	02				EXT							B04	
50873		XA341	75			XA250	51		16B	9				MPDB6D1	01	MPDB6D1	00	1	TLD	F1		37B	PRINTER DATA BIT 6				
64424		XA250	51			XA243	65		16B	9				MPDB6D1	02				EXT							B04	
64425		XA243	65											MPDB6D1	03				RR1	G3							
64426		XA243	58	3		XA250	54	3	16B	9				MPDB7DR	01				RR1								
64427		XA250	54											MPDB7DR	02				EXT							B04	
50874		XA341	72			XA250	53		16B	9				MPDB7D1	01	MPDB7D1	00	1	TLD	F2		34A	PRINTER DATA BIT 7				
64428		XA250	53			XA243	66		16B	9				MPDB7D1	02				EXT							B04	
64429		XA243	66											MPDB7D1	03				RR1	G4							
50875		XA317	23			XA323	17		16B	9				MPDSCA	51	MPDSCA	00	1	TSR	B1		11B	PRINTER DATA STROB				
50876		XA323	17			XA341	47		16B	9				MPDSCA	52	MPDSCO	01	1	TQ2	B3		08B					
50877		XA341	47											MPDSCA	53	MLQSD1	01	1	TLD	D4		25B					
50878		XA341	54			XA323	21		16B	9				MPDSCO	51	MLPDS1	01	1	TLD	D1		25A					
50879		XA323	21											MPDSCO	52	MPDSCO	00	1	TQ2	B3		10B					
50880		XA318	23			XA324	61		16B	9				MPFLIA	51	MPFLIA	00	1	TD4	B1		11B	FAULT DETECT INHIB				
50881		XA324	61											MPFLIA	52	MPFLTA	01	2	TQ2	F4		32B					
50882		XA324	63			XA322	15		16B	9				MPFLTA	52	MPFLTA	00	1	TQ2	F4		33B	SET PRINTER FAULT				
50883		XA322	15			XA318	18		16B	9				MPFLTA	52	MPFLTQ	01	1	TDD	A0		07B	LINE PRINTER FAULT				
50884		XA318	18											MPFLTA	53	MRSY0A	01	2	TD4	B2		10A					
50886		XA346	37			XA348	59		16B	9				MPFLT84	01				RR4	D4						B02	
												****	SIGNAL	(MPFLT84)	IS ON THE NEXT PAGE												****

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	PREFIX	CONNECTOR	PIN		PREFIX	CONNECTOR	PIN															AND	OR			
64574		XA348	59											MPFLTB4	02										B04	
64431		XA250	73			XA250	73			16B	9			MPFLTB4	03				SHT EXT						C01	
50885		XA344	61			XA348	57			16B	9			MPFLTDX	51	MPFLTDX	00	1	DCF	D7		33A	LINE PRINTER FAULT	C01		
64573		XA348	57											MPFLTDX	53				SHT						C01	
64430		XA250	74	3		XA344	59	3		16B	9			MPFLTDXR	01				EXT						B04	
50465		XA344	59											MPFLTDXR	02				DCF							
50887		XA333	77			XA317	38			16B	9			MPFLTP	51	MPINTO	01	2	TT3	F1			38B			
50888		XA317	38			XA317	22			16B	9			MPFLTP	52	MPCRSA	01	6	TS8	C1			18A			
50889		XA317	22			XA322	11			16B	9			MPFLTP	53	MPDSCA	01	5	TS8	B1			12A			
50890		XA322	11											MPFLTP	54	MPFLTP	00	1	TDD	AP			05B			
50891		XA319	71			XA322	13			16B	9			MPFLTQ	51	MXDB4TA	01	2	MUX	E1			33B			
50892		XA322	13											MPFLTQ	52	MPFLTQ	00	1	TDD	AQ			06B			
50893		XA344	68			XA324	59			16B	9			MPFLTOX	51	MPFLTOX	00	1	DCF	D8			34A			
50894		XA324	59											MPFLTOX	52	MPFLTA	01	1	TQ2	E4			31B			
50895		XA332	59			XA318	78			16B	9			MPINTA	51	MPINTA	00	1	TS8	E1			31B	END DEV COMMAND		
50896		XA318	78											MPINTA	52	MINTI0	01	3	TD4	F1			38A			
50897		XA333	73			XA332	71			16B	9			MPINTO	51	MPINTO	00	1	TT3	F1			36B			
50898		XA332	71			XA332	55			16B	9			MPINTO	52	MAOERA	01	1	TS8	F1			34A			
50899		XA332	55											MPINTO	53	MPINTA	01	1	TS8	E1			29B			
50900		XA326	01			XA326	22			16B	9			MPRNTQ	51	MXDPEA	01	1	TD4	A2			02B			
50901		XA326	22			XA329	31			16B	9			MPRNTQ	52	MXED0A	01	1	TD4	B1			12A			
50902		XA329	31			XA326	49			16B	9			MPRNTQ	53	MPRNTQ	00	1	TDD	F0			15B	PRINT COMMAND E/F		
50903		XA326	49			XA326	75			16B	9			MPRNTQ	54	MAEN0A	01	1	TD4	D1			26B			
50904		XA326	75			XA317	43			16B	9			MPRNTQ	55	MAEBOA	01	1	TD4	F1			37B			
50905		XA317	43											MPRNTQ	56	MAEN2A	01	1	TS8	D1			23B			
50906		XA329	34			XA327	27			16B	9			MPRNTQ	51	MPRNTI	01	1	TDD	FI			16A			
50907		XA327	27											MPRNTQ	52	MPRNTQ	00	1	TQ2	B4			13B			
50908		XA321	11			XA317	24			16B	9			MPRTOP	51	MPRTOP	00	1	TDD	AP			05B			
50909		XA317	24			XA317	40			16B	9			MPRTOP	52	MPDSCA	01	6	TS8	B1			13A			
50910		XA317	40			XA326	48			16B	9			MPRTOP	53	MPCRSA	01	7	TS8	C1			19A			
50911		XA326	48			XA333	79			16B	9			MPRTOP	54	MAEN4A	01	3	TD4	D2			22A			
50912		XA333	79											MPRTOP	55	MPINTO	01	3	TT3	F1			39B			
50913		XA321	13			XA319	64			16B	9			MPRTOQ	51	MPRTOQ	00	1	TDD	AQ			06B	PRINTER TIMEOUT ER		
50914		XA319	64											MPRTOQ	52	MXDBOTD	01	2	MUX	D4			30A			
50915		XA333	62			XA325	73			16B	9			MPTOCA	51	MAEN2S	01	3	TT3	E2			29A			
50916		XA325	73			XA321	15			16B	9			MPTOCA	52	MPTOCA	00	1	TT3	F1			36B	SET PRINTER TIME		
50917		XA321	15											MPTOCA	53	MPRTOQ	01	1	TDD	AQ			07B			
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	PREFIX	CONNECTOR	PIN	TYPE	PREFIX	CONNECTOR	PIN	TYPE	MULTI-GROUP	CODE	COLOR	IDENT												
50918		XA318	75			XA333	74				16B	9		MSCI1A	51	MINT10	01	1	TD4	F1		37B		
50919		XA333	74											MSCI1A	52	MSCI1A	00	1	TT3	F2		35B	REJECT NEW COMMAND	
50920		XA324	42			XA317	59				16B	9		MSNCOA	51	MSNC1S	01	2	TQ2	C1		20A		
50921		XA317	59											MSNCOA	52	MSNCOA	00	1	TS8	E1		31B		
50922		XA326	14			XA325	15				16B	9		MSNCOR	51	MPBZY0	01	1	TD4	B2		09A		
50923		XA325	15			XA324	03				16B	9		MSNCOR	52	MSNCOR	00	1	TT3	A3		07B		
50924		XA324	03											MSNCOR	53	MSNCOS	01	1	TQ2	A3		02A		
50925		XA317	55			XA324	09				16B	9		MSNCOS	51	MSNCOA	01	1	TS8	E1		29B		
50926		XA324	09			XA325	09				16B	9		MSNCOS	52	MSNCOS	00	1	TQ2	A3		04B	DEV SYNC COUNTER	
50927		XA325	09											MSNCOS	53	MSNCOR	01	1	TT3	A3		04B		
50928		XA325	40			XA323	22				16B	9		MSNC1A	51	MSNC1R	01	2	TT3	C1		19A		
50929		XA323	22											MSNC1A	52	MSNC1A	00	1	TQ2	B1		12A		
50930		XA324	23			XA324	40				16B	9		MSNC1R	51	MSNC3A	01	1	TQ2	B4		11B		
50931		XA324	40			XA325	36				16B	9		MSNC1R	52	MSNC1S	01	1	TQ2	C1		19A		
50932		XA325	36											MSNC1R	53	MSNC1S	00	1	TT3	C1		17A		
50933		XA327	48			XA325	38				16B	9		MSNC1S	51	MSNC2A	01	1	TQ2	D2		22A		
50934		XA325	38			XA324	38				16B	9		MSNC1S	52	MSNC1R	01	1	TT3	C1		18A		
50935		XA324	38			XA318	14				16B	9		MSNC1S	53	MSNC1S	00	1	TQ2	C1		18A	DEV SYNC COUNTER	
50936		XA318	14											MSNC1S	54	MBSY0A	01	1	TD4	B2		09A		
50937		XA324	36			XA325	57				16B	9		MSNC2A	51	MSNC2S	01	2	TQ2	C2		17A		
50938		XA325	57			XA327	46				16B	9		MSNC2A	52	MSRS00	01	1	TT3	E3		30B		
50939		XA327	46											MSNC2A	53	MSNC2A	00	1	TQ2	D2		21A		
50940		XA325	31			XA324	34				16B	9		MSNC2R	51	MSNC2R	00	1	TT3	C2		15B		
50941		XA324	34			XA317	60				16B	9		MSNC2R	52	MSNC2S	01	1	TQ2	C2		16A		
50942		XA317	60											MSNC2R	53	MSNCOA	01	2	TS8	E1		28A		
50943		XA333	65			XA326	52				16B	9		MSNC2S	51	MSCI1A	01	1	TT3	F2		34B		
50944		XA326	52			XA325	29				16B	9		MSNC2S	52	MAENO0	01	2	TD4	D1		24A		
50945		XA325	29			XA324	30				16B	9		MSNC2S	53	MSNC2R	01	1	TT3	C2		14B		
50946		XA324	30			XA323	24				16B	9		MSNC2S	54	MSNC2S	00	1	TQ2	C2		15A	DEV SYNCCOUNTER	
50947		XA323	24			XA318	08				16B	9		MSNC2S	55	MSNC1A	01	1	TQ2	B1		13A		
50948		XA318	08											MSNC2S	56	MLPE0A	01	2	TD4	A1		06A		
50949		XA325	30			XA324	27				16B	9		MSNC3A	51	MSNC2R	01	2	TT3	C2		15A		
50950		XA324	27											MSNC3A	52	MSNC3A	00	1	TQ2	B4		13B		
50951		XA320	06			XA321	06				16B	9		MSRS0A	51	MCDERP	01	1	TDD	AP		05A		
50952		XA321	06			XA322	06				16B	9		MSRS0A	52	MPRTOP	01	1	TDD	AP		05A		
50953		XA322	06			XA324	75				16B	9		MSRS0A	53	MPFLTP	01	1	TDD	AP		05A		
50954		XA324	75											MSRS0A	54	MSRS0A	00	1	TQ2	F1		37B		
50955		XA325	63			XA324	77				16B	9		MSRS00	51	MSRS00	00	1	TT3	E3		33B	RESET ERROR REGIST	
												****	SIGNAL	MSRS00	IS ON THE NEXT PAGE				****					

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	PREFIX	CONNECTOR	PIN	SN PFG	PREFIX	CONNECTOR	PIN	SN PFG	MULTI GROUP	CODE	COLOR	IDEN											
50956		XA324	77										MSRSOO	52	MSRSOA	01	1	TQ2	F1		38B		
50957		XA324	07		XA328	21				168	9		MSYNIA	51	MSNCOS	01	2	TQ2	A3		03A		
50958		XA328	21		XA325	65				168	9		MSYNIA	52	MSYNIA	00	1	TQ2	B3		10B	START DEV COMMAND	
50959		XA325	65										MSYNIA	53	MXXCIO	01	1	TT3	F2		34B		
50960		XA327	14		XA328	17				168	9		MSYN10	51	MSYN10	00	1	TQ2	B2		09A		
50961		XA328	17										MSYN10	52	MSYNIA	01	1	TQ2	B3		08B		
50962		XA340	42		XA341	30				168	9		MXACMB4	51	MXRCMS	01	2	TQ2	C1		20A		
50963		XA341	30		XA342	30				168	9	P	MXBCMD	52	MXACMB4	02	1	TLD	C2		15A	PORT A/B COMMAND	
50964		XA342	30		XA346	17				168	9	P	MXACMD	53	MXACMB4	01	1	TLD	C2		15A	PORT A/B ENABLE LI	
50965		XA346	17										MXACMB4	54				RR4	B4				
50966		XA342	30									J	MXACMD	51	MXACMD	00	1	TLD	C2		15A	MXACMB4 BUSS	
53485		XA345	46									J	MXACMDX	01	MXACMDX	00	1	DCF	C1		25B	MBCMAB BUSS	
50967		XA333	22		XA342	36				168	9		MXACMOX	51	MXARSA	01	1	TT3	B1		12A		
50968		XA342	36		XA345	47				168	9		MXACMOX	52	MXACMD	01	2	TLD	C2		17A		
50969		XA345	47										MXACMOX	53	MXACMOX	00	1	DCF	C2		26B		
50970		XA342	48		XA342	47				168	9		MXADEA	51	MXAR7D1	01	1	TLD	D2		22A		
50971		XA342	47		XA339	76				168	9		MXADEA	52	MXBR7D1	01	1	TLD	D4		25B		
50972		XA339	76		XA328	80				168	9		MXADEA	53	MXA07A	01	1	TQ2	F4		37A		
50973		XA328	80										MXADEA	54	MXADEA	00	1	TQ2	F4		39A	ODD/EVEN RECEIVER	
50974		XA326	06		XA336	63				168	9		MXADRO	51	MXEAOA	01	1	TD4	A1		05A		
50975		XA336	63		XA338	75				168	9		MXADRO	52	MXADRO	00	1	TQ2	E4		33B		
50976		XA338	75										MXADRO	53	MXCAOA	01	1	TD4	F1		37B		
50977		XA339	69		XA336	59				168	9		MXAD6A	51	MXAD6A	00	1	TQ2	F3		35A		
50978		XA336	59										MXAD6A	52	MXADRO	01	1	TQ2	E4		31B		
50979		XA336	61		XA339	80				168	9		MXAD7A	51	MXADRO	01	2	TQ2	E4		32B		
50980		XA339	80										MXAD7A	52	MXAD7A	00	1	TQ2	F4		39A		
50981		XA340	36		XA341	33				168	9		MXAENB4	51	MXRENS	01	2	TQ2	C2		17A		
50982		XA341	33		XA342	33				168	9	P	MXBEND	52	MXAENB4	02	1	TLD	C3		16B	PORT A/B ENABLE LI	
50983		XA342	33		XA346	19				168	9	P	MXAEND	53	MXAENB4	01	1	TLD	C3		16B		
50984		XA346	19										MXAENB4	54				RR4	B5				
50985		XA342	33									J	MXAEND	51	MXAEND	00	1	TLD	C3		16B	MXAENB4 BUSS	
53486		XA345	55									J	MXAENDX	51	MXAENDX	00	1	DCF	C3		30B	MBENAB BUSS	
50986		XA333	24		XA342	31				168	9		MXAENOX	51	MXARSA	01	2	TT3	B1		13A		
50987		XA342	31		XA345	56				168	9		MXAENOX	52	MXAEND	01	2	TLD	C3		15B		
50988		XA345	56										MXAENOX	53	MXAENOX	00	1	DCF	C4		29B		
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	PREFIX	CONNECTOR	PIN	SA	PREFIX	CONNECTOR	PIN	SA	MULTI GROUP	CODE	COLOR	IDENT											
50989		XA339	06		XA340	03				16B	9		MXAIEA	51	MXAIEA	00	1	TQ2	A1		05A		
50990		XA340	03		XA340	04				16B	9		MXAIEA	52	MXAIEO	01	1	TQ2	A3		02A		
50991		XA340	04										MXAIEA	53	MXAIEO	01	1	TQ2	A2		04A		
50992		XA342	23		XA342	24				16B	9		MXAIEO	51	MXA7CD	01	1	TLD	B4		11B		
50993		XA342	24		XA342	18				16B	9		MXAIEO	52	MXA4CD	01	1	TLD	B1		13A		
50994		XA342	18		XA342	17				16B	9		MXAIEO	53	MXA5CD	01	1	TLD	B2		10A		
50995		XA342	17		XA342	11				16B	9		MXAIEO	54	MXA6CD	01	1	TLD	B3		08B		
50996		XA342	11		XA342	08				16B	9		MXAIEO	55	MXA3CD	01	1	TLD	A4		05B		
50997		XA342	08		XA342	04				16B	9		MXAIEO	56	MXA0CD	01	1	TLD	A1		06A		
50998		XA342	04		XA342	03				16B	9		MXAIEO	57	MXA1CD	01	1	TLD	A2		04A		
50999		XA342	03		XA340	01				16B	9		MXAIEO	58	MXA2CD	01	1	TLD	A3		02A		
51000		XA340	01										MXAIEO	59	MXAIEO	00	1	TQ2	A2		02B	PORT A DATA RECEIV	
51001		XA340	09		XA342	29				16B	9		MXAIFO	51	MXAIFO	00	1	TQ2	A3		04B		
51002		XA342	29		XA342	34				16B	9		MXAIFO	52	MXAEND	01	1	TLD	C3		14B		
51003		XA342	34		XA342	40				16B	9		MXAIFO	53	MXACMD	01	1	TLD	C2		16A		
51004		XA342	40										MXAIFO	54	MXAPCD	01	1	TLD	C1		19A		
53487		XA345	60									J	MXAINDX	01	MXAINDX	00	1	DCF	C5		31B	MBTNAB BUSS	
51005		XA346	36		XA342	38				16B	9		MXAPCB4	51				RR4	C1				
51006		XA342	38		XA341	38				16B	9	P	MXAPCD	52	MXAPCB4	01	1	TLD	C1		18A	PORT A/B PARITY LI	
51007		XA341	38		XA340	31				16B	9	P	MXAPCD	53	MXAPCB4	02	1	TLD	C1		18A	PORT A/B PARITY LI	
51008		XA340	31										MXAPCB4	54	MXRPCS	01	2	TQ2	C3		15B		
51009		XA342	38									J	MXAPCD	51	MXAPCD	00	1	TLD	C1		18A	MXAPCB4 BUSS	
53489		XA345	43									J	MXAPCDX	01	MXAPCDX	00	1	DCF	C7		25A	MBOPAB BUSS	
51010		XA342	42		XA345	48				16B	9		MXAPCOX	51	MXAPCD	01	2	TLD	C1		20A		
51011		XA345	48										MXAPCOX	52	MXAPCOX	00	1	DCF	C8		26A		
51012		XA328	68		XA338	59				16B	9		MXARQA	51	MXARQ0	01	1	TQ2	E1		32A		
51013		XA338	59										MXARQA	52	MXARQA	00	1	TD4	E1		31B		
51014		XA342	50		XA342	56				16B	9		MXARQ0	51	MXAR7D1	01	2	TLD	D2		23A	PORT B REQUEST ODD	
51015		XA342	56		XA328	66				16B	9		MXARQ0	52	MXAR6D1	01	2	TLD	D1		24A		
51016		XA328	66										MXARQ0	53	MXARQ0	00	1	TQ2	E1		31A	PORT A REQUEST	
51017		XA333	20		XA332	19				16B	9		MXARSA	51	MXARSA	00	1	TT3	B1		11A	PORT A IOU RESET	
51018		XA332	19										MXARSA	52	MXST20	01	3	TS8	B1		09B		
64843		XA243	07		XA248	24				16B	9		MXAR6D1	005				RR1	A3				
64436		XA248	24		XA342	52				16B	9		MXAR6D1	01				SHT					B04
53490		XA342	52										MXAR6D1	02	MXAR6D1	00	1	TLD	D1		24A		
64849		XA243	19		XA342	46				16B	9		MXAR7D1	01				RR1	B3				
53491		XA342	46										MXAR7D1	02	MXAR7D1	00	1	TLD	D2		21A	PORT A REQUEST ODD	
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	PREFIX	CONNECTOR	PIN	WIRE	PREFIX	CONNECTOR	PIN	WIRE	MULTI GROUP	CODE	COLOR	IDENT													
51019		XA339	22		XA328	47				16B	9			MXASLA	51	MXASLA	00	1	TQ2	B1		12A	PORT A SELECT		
51020		XA328	47											MXASLA	52	MXONLO	01	1	TQ2	D4		25B			
61191		XA144	23		XA346	23				16B	9			MXASLB4	00C				RR4	C3				B02	
51021		XA346	23		XA348	27				16B	9			MXASLB4	005				RR4	C3				B02	
64437		XA348	27		XA450	53				16B	9			MXASLB4	01				SHT						B04
64438		XA450	53											MXASLB4	02				EXT						B04
51022		XA344	65									J	MXASLDX	52	MXASLDX	00	1	DCF	D1			32B	KXASLB BUSS	C01	
51023		XA345	71		XA344	69				16B	9			MXASLOX	51	MXASTOX	01	1	DCF	D2		34B			
51024		XA344	69		XA338	61				16B	9			MXASLOX	52	MXASLOX	00	1	DCF	D2		33B			
51025		XA338	61		XA339	24				16B	9			MXASLOX	53	MXARQA	01	1	TD4	E1		32B			
51026		XA339	24		XA339	08				16B	9			MXASLOX	54	MXASLA	01	1	TQ2	B1		13A			
51027		XA339	08		XA338	06				16B	9			MXASLOX	55	MXAIEA	01	1	TQ2	A1		06A			
51028		XA338	06		XA333	26				16B	9			MXASLOX	56	MXAOEA	01	1	TD4	A1		05A			
51029		XA333	26											MXASLOX	57	MXARSA	01	3	TT3	B1		14A			
64439		XA348	34		XA450	59				16B	9			MXASTB	01				SHT						B04
64440		XA450	59											MXASTB	02				EXT						B04
51031		XA345	65									J	MXASTDX4	01	MXASTDX400	1	1	DCF	D1			32B	KXASTB BUSS		
51032		XA346	08		XA342	06				16B	9			MXAOCB4	51				RR4	A1					
51033		XA342	06		XA341	06				16B	9	P	MXA OCD	52	MXAOCB4	01	1	TLD	A1			05A	PORT A/B DATA LINE		
51034		XA341	06		XA340	56				16B	9	P	MXBOCD	53	MXAOCB4	02	1	TLD	A1			05A	PORT A/B DATA LINE		
51035		XA340	56											MXAOCB4	54	MXROCS	01	2	TQ2	D1		26A			
51036		XA342	06									J	MXA OCD	51	MXA OCD	00	1	TLD	A1			05A	MXAOCB4 BUSS		
53493		XA345	07									J	MXA OCDX	51	MXA OCDX	00	1	DCF	A1			02B	M800AB BUSS		
51037		XA342	10		XA345	09				16B	9			MXAOCOX	51	MXA OCD	01	2	TLD	A1		07A			
51038		XA345	09											MXAOCOX	52	MXAOCOX	00	1	DCF	A2		03B			
51039		XA345	52		XA345	36				16B	9			MXAOEA	51	MXACMDX	01	1	DCF	C1		29A			
51040		XA345	36		XA345	06				16B	9			MXAOEA	52	MXA4CDX	01	1	DCF	B1		13A			
51041		XA345	06		XA338	11				16B	9			MXAOEA	53	MXA OCDX	01	1	DCF	A1		05A			
51042		XA338	11											MXAOEA	54	MXAOEA	00	1	TD4	A1		05B	PORT B DATA SEND		
51043		XA340	50		XA341	01				16B	9			MXA1CB4	51	MXR1CS	01	2	TQ2	D2		23A			
51044		XA341	01		XA342	01				16B	9	P	MXB1CD	52	MXA1CB4	02	1	TLD	A2			02B			
51045		XA342	01		XA346	10				16B	9	P	MXA1CD	53	MXA1CB4	01	1	TLD	A2			02B			
51046		XA346	10											MXA1CB4	54				RR4	A2					
51047		XA342	01									J	MXA1CD	51	MXA1CD	00	1	TLD	A2			02B	MXA1CB4 BUSS		
53503		XA345	17									J	MXA1CDX	01	MXA1CDX	00	1	DCF	A3			07B	M801AB BUSS		
51048		XA342	05		XA345	15				16B	9			MXA1COX	51	MXA1CD	01	2	TLD	A2		03B			
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	PREFIX	CONNECTOR	PIN	SN FC	PREFIX	CONNECTOR	PIN	SN FC	MULTI-GROUP	CODE	COLOR	IDENT											
51049		XA345	15										MXA1COX	52	MXA1COX	00	1	DCF	A4		06B		
51050		XA346	05		XA342	09				16B	9		MXA2CB4	51	MXA2CB4	01	1	RR4	A3				
51051		XA342	09		XA341	09				16B	9	P	MXA2CD	52	MXA2CB4	01	1	TLD	A3		04B		
51052		XA341	09		XA340	43				16B	9	P	MXB2CD	53	MXA2CB4	02	1	TLD	A3		04B		
51053		XA340	43										MXA2CB4	54	MXR2CS	01	2	TQ2	D3		23B		
51054		XA342	09									J	MXA2CD	51	MXA2CD	00	1	TLD	A3		04B	MXA2CB4 BUSS	
53504		XA345	14									J	MXA2CDX	01	MXA2CDX	00	1	DCF	A5		08B	MB02AB BUSS	
51055		XA342	07		XA345	10				16B	9		MXA2COX	51	MXA2CD	01	2	TLD	A3		03A		
51056		XA345	10										MXA2COX	52	MXA2COX	00	1	DCF	A6		07A		
51057		XA346	07		XA342	15				16B	9		MXA3CB4	51	MXA3CB4	01	1	RR4	A4				
51058		XA342	15		XA341	15				16B	9	P	MXA3CD	52	MXA3CB4	01	1	TLD	A4		07B		
51059		XA341	15		XA340	49				16B	9	P	MXB3CD	53	MXA3CB4	02	1	TLD	A4		07B		
51060		XA340	49										MXA3CB4	54	MXR3CS	01	2	TQ2	D4		26B		
51061		XA342	15									J	MXA3CD	51	MXA3CD	00	1	TLD	A4		07B	MXA3CB4 BUSS	
53505		XA345	01									J	MXA3CDX	01	MXA3CDX	00	1	DCF	A7		02A	MB03AB BUSS	
51062		XA342	13		XA345	03				16B	9		MXA3COX	51	MXA3CD	01	2	TLD	A4		06B		
51063		XA345	03										MXA3COX	52	MXA3COX	00	1	DCF	A8		03A		
51064		XA340	70		XA341	22				16B	9		MXA4CB4	51	MXR4CS	01	2	TQ2	E1		33A		
51065		XA341	22		XA342	22				16B	9	P	MXB4CD	52	MXA4CB4	02	1	TLD	B1		12A		
51066		XA342	22		XA346	09				16B	9	P	MXA4CD	53	MXA4CB4	01	1	TLD	B1		12A		
51067		XA346	09										MXA4CB4	54	MXR4CS	01	2	RR4	A5				
51068		XA342	22									J	MXA4CD	51	MXA4CD	00	1	TLD	B1		12A	MXA4CB4 BUSS	
53506		XA345	27									J	MXA4CDX	01	MXA4CDX	00	1	DCF	B1		10B	MB04AB BUSS	
51069		XA342	26		XA345	29				16B	9		MXA4COX	51	MXA4CD	01	2	TLD	B1		14A		
51070		XA345	29										MXA4COX	52	MXA4COX	00	1	DCF	B2		11B		
51071		XA346	20		XA342	14				16B	9		MXA5CB4	51	MXA5CB4	01	1	RR4	B1				
51072		XA342	14		XA341	14				16B	9	P	MXA5CD	52	MXA5CB4	01	1	TLD	B2		09A		
51073		XA341	14		XA340	64				16B	9	P	MXB5CD	53	MXA5CB4	02	1	TLD	B2		09A		
51074		XA340	64										MXA5CB4	54	MXR5CS	01	2	TQ2	E2		30A		
51075		XA342	14									J	MXA5CD	51	MXA5CD	00	1	TLD	B2		09A	MXA5CB4 BUSS	
53507		XA345	37									J	MXA5CDX	01	MXA5CDX	00	1	DCF	B3		15B	MB05AB BUSS	
51076		XA342	20		XA345	35				16B	9		MXA5COX	51	MXA5CD	01	2	TLD	B2		11A		
51077		XA345	35										MXA5COX	52	MXA5COX	00	1	DCF	B4		14B		
										****	SIGNAL		MXA6CB4		IS ON THE	NEXT PAGE	****						

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	PREFIX	CONNECTOR	PIN	PREFIX	CONNECTOR	PIN																				
51078		XA346	26		XA342	21				16B	9			MXA6CB4	51					RR4	B2					
51079		XA342	21		XA341	21				16B	9		P	MXA6CD	52	MXA6CB4	01	1		TLD	B3		10B			
51080		XA341	21		XA340	55				16B	9		P	MXB6CD	53	MXA6CB4	02	1		TLD	B3		10B			
51081		XA340	55											MXA6CB4	54	MXR6CS	01	2		TQ2	E3		29B			
51082		XA342	21										J	MXA6CD	51	MXA6CD	00	1		TLD	B3		10B	MXA6CB4 BUSS		
53508		XA345	41										J	MXA6CDX	01	MXA6CDX	00	1		DCF	B5		16A	MR06AB BUSS		
51083		XA342	19		XA345	40				16B	9			MXA6COX	51	MXA6CD	01	2		TLD	B3		09B			
51084		XA345	40											MXA6COX	52	MXA6COX	00	1		DCF	B6		15A			
51085		XA346	24		XA342	27				16B	9			MXA7CB4	51					RR4	B3					
51086		XA342	27		XA341	27				16B	9		P	MXA7CD	52	MXA7CB4	01	1		TLD	B4		13B	PORT A/B DATA LINE		
51087		XA341	27		XA340	61				16B	9		P	MXB7CD	53	MXA7CB4	02	1		TLD	B4		13B	PORT A/B DATA LINE		
51088		XA340	61											MXA7CB4	54	MXR7CS	01	2		TQ2	E4		32B			
51089		XA342	27										J	MXA7CD	51	MXA7CD	00	1		TLD	B4		13B	MXA7CB4 BUSS		
53509		XA345	23										J	MXA7CDX	01	MXA7CDX	00	1		DCF	B7		10A	MB07AB BUSS		
51090		XA342	25		XA345	30				16B	9			MXA7COX	51	MXA7CD	01	2		TLD	B4		12B			
51091		XA345	30											MXA7COX	52	MXA7COX	00	1		DCF	B8		11A			
51092		XA341	30										J	MXBCMD	51	MXBCMD	00	1		TLD	C2		15A	MXACMB4 BUSS		
53510		XA344	46										J	MXBCMDX	01	MXBCMDX	00	1		DCF	C1		25B	MBCMBB BUSS		
51093		XA333	14		XA341	36				16B	9			MXBCMOX	51	MXBRSA	01	1		TT3	B2		09A			
51094		XA341	36		XA344	47				16B	9			MXBCMOX	52	MXBCMD	01	2		TLD	C2		17A			
51095		XA344	47											MXBCMOX	53	MXBCMOX	00	1		DCF	C2		26B			
51096		XA341	33										J	MXBEND	51	MXBEND	00	1		TLD	C3		16B	MXAENB4 BUSS		
53511		XA344	55										J	MXBENDX	01	MXBENDX	00	1		DCF	C3		30B	MBENBB BUSS		
51097		XA333	17		XA341	31				16B	9			MXBENOX	51	MXBRSA	01	2		TT3	B2		08B			
51098		XA341	31		XA344	56				16B	9			MXBENOX	52	MXBEND	01	2		TLD	C3		15B			
51099		XA344	56											MXBENOX	53	MXBENOX	00	1		DCF	C4		29B			
51100		XA340	24		XA340	11				16B	9			MXBIEA	51	MXBIFO	01	1		TQ2	B1		13A			
51101		XA340	11		XA339	01				16B	9			MXBIEA	52	MXBIEO	01	1		TQ2	A4		05B			
51102		XA339	01											MXBIEA	53	MXBIEA	00	1		TQ2	A2		02B			
51103		XA341	23		XA341	24				16B	9			MXBIEO	51	MXB7CD	01	1		TLD	B4		11B			
51104		XA341	24		XA341	18				16B	9			MXBIEO	52	MXB4CD	01	1		TLD	B1		13A			
51105		XA341	18		XA341	17				16B	9			MXBIEO	53	MXB5CD	01	1		TLD	B2		10A			
51106		XA341	17		XA340	15				16B	9			MXBIEO	54	MXB6CD	01	1		TLD	B3		08B			
51107		XA340	15		XA341	11				16B	9			MXBIEO	55	MXBIEO	00	1		TQ2	A4		07B	PORT B DATA RECEIV		
51108		XA341	11		XA341	03				16B	9			MXBIEO	56	MXB3CD	01	1		TLD	A4		05B			
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	PREFIX	CONNECTOR	PIN	OR	PREFIX	CONNECTOR	PIN	OR	MULTI GROUP	CODE	COLOR	IDENT												
51109		XA341	03		XA341	04				16B	9		MXBIEO	57	MXB2CD	01	1	TLD	A3		02A			
51110		XA341	04		XA341	08				16B	9		MXBIEO	58	MXB1CD	01	1	TLD	A2		04A			
51111		XA341	08										MXBIEO	59	MXB0CD	01	1	TLD	A1		06A			
51112		XA341	40		XA341	34				16B	9		MXBIFO	51	MXBPCD	01	1	TLD	C1		19A			
51113		XA341	34		XA341	29				16B	9		MXBIFO	52	MXBCMD	01	1	TLD	C2		16A			
51114		XA341	29		XA340	22				16B	9		MXBIFO	53	MXBEND	01	1	TLD	C3		14B			
51115		XA340	22										MXBIFO	54	MXBIFO	00	1	TQ2	B1		12A			
53512		XA344	60									J	MXBINDX	01	MXBINDX	00	1	DCF	C5		31B	MBINBR BUSS		
51116		XA341	38									J	MXBPCD	51	MXBPCD	00	1	TLD	C1		18A	MXAPCB4 BUSS		
53514		XA344	43									J	MXBPCDX	01	MXBPCDX	00	1	DCF	C7		25A	MBOPBB BUSS		
51117		XA341	42		XA344	48				16B	9		MXBPCOX	51	MXBPCD	01	2	TLD	C1		20A			
51118		XA344	48										MXBPCOX	52	MXBPCOX	00	1	DCF	C8		26A			
51119		XA328	62		XA338	57				16B	9		MXBRQA	51	MXBRQ0	01	1	TQ2	E2		29A			
51120		XA338	57										MXBRQA	52	MXBRQA	00	1	TQ4	E2		30B			
51121		XA342	43		XA342	49				16B	9		MXBRQ0	51	MXBR6D1	01	2	TLD	D3		23B			
51122		XA342	49		XA328	60				16B	9		MXBRQ0	52	MXBR7D1	01	2	TLD	D4		26B			
51123		XA328	60										MXBRQ0	53	MXBRQ0	00	1	TQ2	E2		28A	PORT B REQUEST		
51124		XA332	20		XA333	19				16B	9		MXBRSA	51	MXST20	01	4	TS8	B1		11A			
51125		XA333	19										MXBRSA	52	MXBRSA	00	1	TT3	B2		09B	PORT B IOU RESET		
64844		XA243	08		XA248	61				16B	9		MXBR6D1	005				RR1	A4					
64453		XA248	61		XA342	45				16B	9		MXBR6D1	01				SHT						
53515		XA342	45										MXBR6D1	02	MXBR6D1	00	1	TLD	D3		24B	PORT B REQUEST EVN		B04
64850		XA243	20		XA342	51				16B	9		MXBR7D1	01				RR1	B4					
53516		XA342	51										MXBR7D1	02	MXBR7D1	00	1	TLD	D4		27B	PORT A REQUEST EVN		
51126		XA339	14		XA328	49				16B	9		MXBSLA	51	MXBSLA	00	1	TQ2	B2		09A	PORT B SELECT		
51127		XA328	49										MXBSLA	52	MXONLO	01	2	TQ2	D4		26B			
61297		XA144	29		XA346	29				16B	9		MXBSLB4	00C				RR4	C5					
51128		XA346	29		XA348	31				16B	9		MXBSLB4	005				RR4	C5					
64454		XA348	31		XA450	55				16B	9		MXBSLB4	01				SHT						
64455		XA450	55										MXBSLB4	02				EXT						
51129		XA344	78									J	MXBSLDX	01	MXBSLDX	00	1	DCF	D3		37B	KXBSLB BUSS		C01
51130		XA345	73		XA344	75				16B	9		MXBSLOX	51	MXBSTOX	01	1	DCF	D4		35B			
51131		XA344	75		XA338	55				16B	9		MXBSLOX	52	MXBSLOX	00	1	DCF	D4		36B			
51132		XA338	55		XA339	18				16B	9		MXBSLOX	53	MXBRQA	01	1	TQ4	E2		29B			
51133		XA339	18		XA339	04				16B	9		MXBSLOX	54	MXBSLA	01	1	TQ2	B2		10A			
51134		XA339	04		XA338	01				16B	9		MXBSLOX	55	MXBTEA	01	1	TQ2	A2		04A			
										***			SIGNAL	(MXBSLOX)		IS ON THE	NEXT PAGE	***						

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	PREFIX	CONNECTOR	PIN	SH FT	PREFIX	CONNECTOR	PIN	SH FT	MULTI GROUP	CODE	COLCH	IDENT											
51135		XA338	01		XA333	18				168	9		MXBSLOX	56	MXB0EA	01	1	TD4	A2		02B		
51136		XA333	18										MXBSLOX	57	MXBRSA	01	3	TT3	B2		10A		
64456		XA348	35		XA450	61				168	9		MXBSTB	01				SHT					B04
64457		XA450	61										MXBSTB	02				EXT					B04
51138		XA345	78									J	MXBSTDX4	01	MXBSTDX400	1	DCF	D3			37B	KXBSTB BUSS	
51139		XA341	06									J	MXB0CD	51	MXB0CD	00	1	TLD	A1		05A	MXA0CB4 BUSS	
53518		XA344	07									J	MXB0CDX	01	MXB0CDX	00	1	DCF	A1		02B	MBO0BB BUSS	
51140		XA341	10		XA344	09				168	9		MXB0COX	51	MXB0CD	01	2	TLD	A1		07A		
51141		XA344	09										MXB0COX	52	MXB0COX	00	1	DCF	A2		03B		
51142		XA344	52		XA344	36				168	9		MXB0EA	51	MXBCMDX	01	1	DCF	C1		29A		
51143		XA344	36		XA344	06				168	9		MXB0EA	52	MXB4CDX	01	1	DCF	B1		13A		
51144		XA344	06		XA338	09				168	9		MXB0EA	53	MXB0CDX	01	1	DCF	A1		05A		
51145		XA338	09										MXB0EA	54	MXB0EA	00	1	TD4	A2		04B	PORT B DATA SEND	
51146		XA341	01									J	MXB1CD	51	MXB1CD	00	1	TLD	A2		02B	MXA1CB4 BUSS	
53528		XA344	17									J	MXB1CDX	01	MXB1CDX	00	1	DCF	A3		07B	MBO1BB BUSS	
51147		XA341	05		XA344	15				168	9		MXB1COX	51	MXB1CD	01	2	TLD	A2		03B		
51148		XA344	15										MXB1COX	52	MXB1COX	00	1	DCF	A4		06B		
51149		XA341	09									J	MXB2CD	51	MXB2CD	00	1	TLD	A3		04B	MXA2CB4 BUSS	
53529		XA344	14									J	MXB2CDX	01	MXB2CDX	00	1	DCF	A5		08B	MBO2BB BUSS	
51150		XA341	07		XA344	10				168	9		MXB2COX	51	MXB2CD	01	2	TLD	A3		03A		
51151		XA344	10										MXB2COX	52	MXB2COX	00	1	DCF	A6		07A		
51152		XA341	15									J	MXB3CD	51	MXB3CD	00	1	TLD	A4		07B	MXA3CB4 BUSS	
53530		XA344	01									J	MXB3CDX	01	MXB3CDX	00	1	DCF	A7		02A	MBO3BB BUSS	
51153		XA341	13		XA344	03				168	9		MXB3COX	51	MXB3CD	01	2	TLD	A4		06B		
51154		XA344	03										MXB3COX	52	MXB3COX	00	1	DCF	A8		03A		
51155		XA341	22									J	MXB4CD	51	MXB4CD	00	1	TLD	B1		12A	MXA4CB4 BUSS	
53531		XA344	27									J	MXB4CDX	01	MXB4CDX	00	1	DCF	B1		10B	MBO4BB BUSS	
51156		XA341	26		XA344	29				168	9		MXB4COX	51	MXB4CD	01	2	TLD	B1		14A		
51157		XA344	29										MXB4COX	52	MXB4COX	00	1	DCF	B2		11B		
51158		XA341	14									J	MXB5CD	51	MXB5CD	00	1	TLD	B2		09A	MXA5CB4 BUSS	
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	PREFIX	CONNECTOR	PIN	DR FC	PREFIX	CONNECTOR	PIN	DR FC	MULTI GROUP	CODE	COLOR	IDENT									AND	OR		
53532		XA344	37										J	MXB5CDX	01	MXB5CDX	00	1	DCF	B3		15B	MB05BB BUSS	
51159		XA341	20		XA344	35				16B	9		MXB5COX	51	MXB5CD	01	2	TLD	B2		11A			
51160		XA344	35										MXB5COX	52	MXB5COX	00	1	DCF	B4		14B			
51161		XA341	21										J	MXB6CD	51	MXB6CD	00	1	TLD	B3		10B	MXA6CB4 BUSS	
53533		XA344	41										J	MXB6CDX	01	MXB6CDX	00	1	DCF	B5		16A	MB06BB BUSS	
51162		XA341	19		XA344	40				16B	9		MXB6COX	51	MXB6CD	01	2	TLD	B3		09B			
51163		XA344	40										MXB6COX	52	MXB6COX	00	1	DCF	B6		15A			
51164		XA341	27										J	MXB7CD	51	MXB7CD	00	1	TLD	B4		13B	MXA7CB4 BUSS	
53534		XA344	23										J	MXB7CDX	01	MXB7CDX	00	1	DCF	B7		10A	MB07BB BUSS	
51165		XA341	25		XA344	30				16B	9		MXB7COX	51	MXB7CD	01	2	TLD	B4		12B			
51166		XA344	30										MXB7COX	52	MXB7COX	00	1	DCF	B8		11A			
51167		XA336	26		XA338	76				16B	9		MXCA0A	51	MXCMAS	01	2	TQ2	B1		14A			
51168		XA338	76										MXCA0A	52	MXCA0A	00	1	TD4	F1		37A	SET COMMAND ADDRESS		
51169		XA332	11		XA336	23				16B	9		MXCA1A	51	MXCA1A	00	1	TS8	A1		05B	DEV COMND BYTE 1		
51170		XA336	23										MXCA1A	52	MXCA10	01	1	TQ2	B4		17B			
51171		XA333	09		XA333	21				16B	9		MXCA10	51	MXDV5A	01	1	TT3	A3		04B			
51172		XA333	21		XA333	29				16B	9		MXCA10	52	MXTROA	01	1	TT3	B3		10B			
51173		XA333	29		XA336	27				16B	9		MXCA10	53	MXHS0A	01	1	TT3	C2		14B			
51174		XA336	27		XA333	38				16B	9		MXCA10	54	MXCA10	00	1	TQ2	B4		13B			
51175		XA333	38		XA326	37				16B	9		MXCA10	55	MXEBOA	01	1	TT3	C1		18A			
51176		XA326	37		XA326	30				16B	9		MXCA10	56	MXDVOA	01	1	TD4	C1		18B			
51177		XA326	30										MXCA10	57	MXQROA	01	1	TD4	C2		15A			
51178		XA338	23		XA336	24				16B	9		MXCMAR	51	MXCMAR	00	1	TD4	B1		11B			
51179		XA336	24										MXCMAR	52	MXCMAS	01	1	TQ2	B1		13A			
51180		XA332	01		XA336	22				16B	9		MXCMAS	51	MXCA1A	01	1	TS8	A1		02B			
51181		XA336	22		XA338	22				16B	9		MXCMAS	52	MXCMAS	00	1	TQ2	B1		12A	COMMAND ADDRESS FE		
51182		XA338	22										MXCMAS	53	MXCMAR	01	1	TD4	B1		12A			
51183		XA328	01										J	MXCPO0	51	MXCPO0	00	1	TQ2	A2		02B	MXCP1B BUSS	
51184		XA328	04		XA328	03				16B	9		MXCP1A	51	MXCPO0	01	1	TQ2	A2		04A			
51185		XA328	03		XA328	11				16B	9		MXCP1A	52	MXCP10	01	1	TQ2	A3		02A			
51186		XA328	11		XA327	15				16B	9		MXCP1A	53	MXCP20	01	1	TQ2	A4		05B			
51187		XA327	15										MXCP1A	54	MXCP1A	00	1	TQ2	A4		07B	PHASE 1 OF 2 PHASE		
51188		XA318	19		XA321	01				16B	9		MXCP1B	51	MBSY0A	01	3	TD4	B2		09B	SET HARDWARE BUSY		
51189		XA321	01		XA322	01				16B	9		MXCP1B	52	MLPT1N	01	1	TDD	BN		02B			
51190		XA322	01		XA323	13				16B	9		MXCP1B	53	HDMNDN	01	1	TDD	BN		02B			
										****			SIGNAL	MXCP1B		IS ON THE	NEXT PAGE	****						

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	PREFIX	CONNECTOR	PIN	SN FC	PREFIX	CONNECTOR	PIN	SN FC	MULTI GROUP	CODE	COLOR	IDENT											
51191		XA323	13		XA324	13				168	9		MXCP1B	54	MLPF2A	01	2	TQ2	A4		06B		
51192		XA324	13		XA324	25				168	9		MXCP1B	55	MLPF3A	01	2	TQ2	A4		06B		
51193		XA324	25		XA323	31				168	9		MXCP1B	56	MSNC3A	01	2	TQ2	B4		12B		
51194		XA323	31		XA321	56				168	9		MXCP1B	57	MAEN3A	01	2	TQ2	C3		15B		
51195		XA321	56		XA320	56				168	9		MXCP1B	58	MAEO0N	01	1	TDD	GN		26A		
51196		XA320	56		XA320	46				168	9		MXCP1B	59	MAEO1N	01	1	TDD	GN		26A		
51197		XA320	46		XA321	46				168	9		MXCP1B	60	MAEO4N	01	1	TDD	HN		21A		
51198		XA321	46		XA322	46				168	9		MXCP1B	61	MAEO3N	01	1	TDD	HN		21A		
51199		XA322	46		XA323	43				168	9		MXCP1B	62	MAEO2N	01	1	TDD	HN		21A		
51200		XA323	43		XA323	49				168	9		MXCP1B	63	MAEN7A	01	2	TQ2	D3		23B		
51201		XA323	49		XA326	50				168	9		MXCP1B	64	MAEN6A	01	2	TQ2	D4		26B		
51202		XA326	50		XA327	50				168	9		MXCP1B	65	MAEN4A	01	4	TD4	D2		23A		
51203		XA327	50		XA330	42				168	9		MXCP1B	66	MSNC2A	01	2	TQ2	D2		23A		
51204		XA330	42		XA334	37				168	9		MXCP1B	67	MXST1N	01	1	TDD	EN		20A		
51205		XA334	37		XA331	14				168	9		MXCP1B	68	MK03B2U	01	1	DBC	C2		17B		
51206		XA331	14		XA330	14				168	9		MXCP1B	69	MXEB1N	01	1	TDD	DN		09A		
51207		XA330	14		XA328	15				168	9		MXCP1B	70	MXIR1N	01	1	TDD	DN		09A		
51208		XA328	15		XA328	09				168	9		P MXCP20	71	MXCP1B	02	1	TQ2	A4		07B	CLOCK PHASE 1 BUS	
51209		XA328	09		XA328	01				168	9		P MXCP10	72	MXCP1B	01	1	TQ2	A3		04B	CLOCK PHASE 1 BUS	
51210		XA328	01										P MXCP00	73	MXCP1B	03	1	TQ2	A2		02B	CLOCK PHASE 1 BUS	
51211		XA328	09									J	MXCP10	51	MXCP10	00	1	TQ2	A3		04B	MXCP1B BUSS	
51212		XA328	15									J	MXCP20	51	MXCP20	00	1	TQ2	A4		07B	MXCP1B BUSS	
51213		XA327	03		XA327	04				168	9		MXCP3A	51	MXCP40	01	1	TQ2	A3		02A		
51214		XA327	04		XA328	14				168	9		MXCP3A	52	MXCP30	01	1	TQ2	A2		04A		
51215		XA328	14										MXCP3A	53	MXCP3A	00	1	TQ2	B2		09A	PHASE 3 OF 2 PHASE	
51216		XA327	01		XA327	09				168	9		P MXCP30	51	MXCP3B	01	1	TQ2	A2		02B		
51217		XA327	09		XA328	25				168	9		P MXCP40	52	MXCP3B	01	2	TQ2	A3		04B	CLOCK PHASE 3 BUS	
51218		XA328	25		XA328	43				168	9		MXCP3B	53	MXIR1A	01	2	TQ2	B4		12B		
51219		XA328	43		XA324	43				168	9		MXCP3B	54	MXEB1A	01	2	TQ2	D3		23B		
51220		XA324	43		XA323	36				168	9		MXCP3B	55	MXST1A	01	2	TQ2	D3		23B		
51221		XA323	36		XA323	26				168	9		MXCP3B	56	MAEN1A	01	2	TQ2	C2		17A		
51222		XA323	26		XA323	10				168	9		MXCP3B	57	MSNC1A	01	2	TQ2	B1		14A		
51223		XA323	10		XA323	05				168	9		MXCP3B	58	MLPT1A	01	2	TQ2	A1		07A		
51224		XA323	05		XA318	13				168	9		MXCP3B	59	MLPF1A	01	2	TQ2	A2		03B		
51225		XA318	13		XA317	54				168	9		MXCP3B	60	MLPFOA	01	4	TD4	A1		06B		
51226		XA317	54		XA317	64				168	9		MXCP3B	61	MAEN2A	01	7	TS8	D1		25A		
51227		XA317	64		XA323	70				168	9		MXCP3B	62	MSNCOA	01	5	TS8	E1		30A		
51228		XA323	70		XA325	79				168	9		MXCP3B	63	MAEN5A	01	2	TQ2	F1		33A		
51229		XA325	79		XA326	79				168	9		MXCP3B	64	MPTOCA	01	3	TT3	F1		39B		
51230		XA326	79		XA326	56				168	9		MXCP3B	65	MAEROA	01	4	TD4	F1		39B		
51231		XA326	56		XA332	66				168	9		MXCP3B	66	MAENOA	01	4	TD4	D1		26A		
51232		XA332	66		XA333	72				168	9		MXCP3B	67	MPINTA	01	6	TS8	F1		31A		
51233		XA333	72		XA332	77				168	9		MXCP3B	68	MSC11A	01	3	TT3	F2		34A		
51234		XA332	77										MXCP3B	69	MAOERA	01	6	TS8	F1		38B		
51235		XA327	01									J	MXCP30	51	MXCP30	00	1	TQ2	A2		02B	MXCP3B BUSS	

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	PREFIX	CONNECTOR	PIN	SP. FC	PREFIX	CONNECTOR	PIN	SP. FC	MULTI GROUP	CODE	COLOR	IDENT											
51236		XA327	09									J	MXCP40	51	MXCP40	00	1	TQ2	A3		04B	MXCP3B BUSS	
51237		XA345	54		XA344	54				16B	9		MXDBIO	51	MXAINOX	01	1	DCF	C6		30A		
51238		XA344	54		XA333	63				16B	9		MXDBIO	52	MXBINOX	01	1	DCF	C6		30A		
51239		XA333	63										MXDBIO	53	MXDBIO	00	1	TT3	E3		33B	INPUT INDICATOR	
51240		XA319	49		XA319	66				16B	9		MXDBSO	51	MXDB0TA	01	4	MUX	D1		24B		
51241		XA319	66		XA323	72				16B	9		MXDBSO	52	MXDB4TA	01	4	MUX	E1		32B		
51242		XA323	72										MXDBSO	53	MXDBSO	00	1	TQ2	F2		34A	INPUT MUX STATUS	
51243		XA335	71		XA319	55				16B	9		MXDB0TA	51	MXS031U	01	1	DBC	E1		33B		
51244		XA319	55										MXDB0TA	52	MXDB0TA	00	1	MUX	D1		27B	INPUT DATA MUX BIT	
51245		XA319	61		XA335	73				16B	9		MXDB0TB	51	MXDB0TB	00	1	MUX	D2		31B		
51246		XA335	73										MXDB0TB	52	MXS031U	01	2	DBC	E1		34B		
51247		XA335	75		XA319	60				16B	9		MXDB0TC	51	MXS031U	01	3	DBC	E1		35B		
51248		XA319	60										MXDB0TC	52	MXDB0TC	00	1	MUX	D3		28A		
51249		XA319	63		XA335	77				16B	9		MXDB0TD	51	MXDB0TD	00	1	MUX	D4		31A		
51250		XA335	77										MXDB0TD	52	MXS031U	01	4	DBC	E1		36B		
51251		XA334	71		XA319	73				16B	9		MXDB4TA	51	MXS471U	01	1	DBC	E1		33B		
51252		XA319	73										MXDB4TA	52	MXDB4TA	00	1	MUX	E1		34B	INPUT DATA MUX BIT	
51253		XA319	79		XA334	73				16B	9		MXDB4TB	51	MXDB4TB	00	1	MUX	E2		37B		
51254		XA334	73										MXDB4TB	52	MXS471U	01	2	DBC	E1		34B		
51255		XA334	75		XA319	74				16B	9		MXDB4TC	51	MXS471U	01	3	DBC	E1		35B		
51256		XA319	74										MXDB4TC	52	MXDB4TC	00	1	MUX	E3		36A		
51257		XA319	80		XA334	77				16B	9		MXDB4TD	51	MXDB4TD	00	1	MUX	F4		38B		
51258		XA334	77										MXDB4TD	52	MXS471U	01	4	DBC	E1		36B		
51259		XA326	31		XA327	24				16B	9		MXDEVA	51	MXOR0A	01	2	TD4	C2		15B		
51260		XA327	24		XA328	38				16B	9		MXDEVA	52	MXDEVO	01	1	TQ2	B1		13A		
51261		XA328	38		XA333	42				16B	9		MXDEVA	53	MXDEVA	00	1	TQ2	C1		18A		
51262		XA333	42		XA333	34				16B	9		MXDEVA	54	MXE80A	01	3	TT3	C1		20A		
51263		XA333	34		XA333	25				16B	9		MXDEVA	55	MXHS0A	01	3	TT3	C2		16A		
51264		XA333	25										MXDEVA	56	MXTR0A	01	3	TT3	B3		12B		
51265		XA338	33		XA336	34				16B	9		MXDEVR	51	MXDEVR	00	1	TD4	C2		16B		
51266		XA336	34										MXDEVR	52	MXDEVS	01	1	TQ2	C2		16A		
51267		XA332	30		XA336	30				16B	9		MXDEVS	51	MXDV1A	01	1	TS8	C1		15A		
51268		XA336	30		XA338	30				16B	9		MXDEVS	52	MXDEVS	00	1	TQ2	C2		15A	DEVICE COMMAND E/F	
51269		XA338	30										MXDEVS	53	MXDEVR	01	1	TD4	C2		15A		
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	PREFIX	CONNECTOR	PIN	SHIFTC	PREFIX	CONNECTOR	PIN	SHIFTC	WIRE	MULTI-GROUP	CODE	COLOR											
51270		XA326	38		XA327	22				168	9		MXDEVO	51	MXDVOA	01	2	TD4	C1		18A		
51271		XA327	22		XA333	11				168	9		MXDEVO	52	MXDEVO	00	1	TQ2	B1		12A		
51272		XA333	11										MXDEVO	53	MXDVSA	01	2	TT3	A3		05B		
51273		XA323	03		XA326	09				168	9		MXDPEA	51	MCDESO	01	1	TQ2	A3		02A		
51274		XA326	09										MXDPEA	52	MXDPEA	00	1	TD4	A2		04B	AUTO OUTPUT CMDND	
51277		XA333	13		XA328	30				168	9		MXDVCO	51	MXDVSA	01	3	TT3	A3		06B		
51278		XA328	30		XA326	40				168	9		MXDVCO	52	MXDVCO	00	1	TQ2	C2		15A		
51279		XA326	40										MXDVCO	53	MXDVOA	01	3	TD4	C1		19A		
51280		XA336	40		XA338	35				168	9		MXDVSR	51	MXDVSS	01	1	TQ2	C1		19A		
51281		XA338	35										MXDVSR	52	MXDVSR	00	1	TD4	C1		17B		
51282		XA338	37		XA336	38				168	9		MXDVSS	51	MXDVSR	01	1	TD4	C1		18B		
51283		XA336	38		XA317	01				168	9		MXDVSS	52	MXDVSS	00	1	TQ2	C1		18A	DEVICE COMMAND F/F	
51284		XA317	01										MXDVSS	53	MXSSOA	01	1	TS8	A1		02B		
51285		XA326	35		XA336	36				168	9		MXDVOA	51	MXDVOA	00	1	TD4	C1		17B	SET DEVICE COMMAND	
51286		XA336	36										MXDVOA	52	MXDEVS	01	2	TQ2	C2		17A		
51287		XA332	35		XA324	71				168	9		MXDV1A	51	MXDV1A	00	1	TS8	C1		17B		
51288		XA324	71										MXDV1A	52	MXDV10	01	1	TQ2	F2		36A		
51289		XA324	72		XA328	19				168	9		MXDV10	51	MXDV10	00	1	TQ2	F2		34A	DEV COMMAND DATA	
51290		XA328	19		XA329	30				168	9		MXDV10	52	MSYN1A	01	2	TQ2	B3		09B		
51291		XA329	30		XA331	42				168	9		MXDV10	53	MFRNTN	01	1	TDD	FN		15A		
51292		XA331	42										MXDV10	54	MFRMFN	01	1	TDD	FN		20A		
51293		XA336	42		XA333	15				168	9		MXDVSA	51	MXDVSS	01	2	TQ2	C1		20A		
51294		XA333	15										MXDVSA	52	MXDVSA	00	1	TT3	A3		07B	SET DEV COMND F/F	
51295		XA322	79		XA324	76				168	9		MXEAOA	51	MXXREN	01	1	TDD	LN		39B		
51296		XA324	76		XA326	11				168	9		MXEAOA	52	MXEAO0	01	1	TQ2	F4		37A		
51297		XA326	11		XA336	19				168	9		MXEAOA	53	MXEAOA	00	1	TD4	A1		05B	SET ENABLE ADDRESS	
51298		XA336	19										MXEAOA	54	MXENAS	01	2	TQ2	B3		05B		
51299		XA328	74		XA327	74				168	9		MXEAO0	51	MLTEQA	01	2	TQ2	F3		35B		
51300		XA327	74		XA324	80				168	9		MXEAO0	52	MXXDIA	01	2	TQ2	F3		35B		
51301		XA324	80										MXEAO0	53	MXEAO0	00	1	TQ2	F4		39A		
51302		XA333	36		XA329	17				168	9		MXEBOA	51	MXEBOA	00	1	TT3	C1		17A	COMMAND IS FOB	
51303		XA329	17										MXEBOA	52	MXEBO0	01	1	TDD	DQ		08B		
51304		XA331	18		XA329	19				168	9		MXEBOQ	51	MXEB1I	01	1	TDD	DI		10A		
51305		XA329	19										MXEBOQ	52	MXEBOQ	00	1	TDD	DQ		09B	FOB SYNC COUNTER	
51306		XA328	45		XA329	14				168	9		MXEB1A	51	MXEB1A	00	1	TQ2	D3		24B		
51307		XA329	14										MXEB1A	52	MXEBON	01	1	TDD	DN		09A		
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	PREFIX	CONNECTOR	PIN	TYPE	PREFIX	CONNECTOR	PIN	TYPE	MULTI GROUP	CODE	COLOR	IDENT												
51308		XA326	78		XA328	41				168	9		MXEB1Q	51	MAEBOA	01	3	TD4	F1		38A			
51309		XA328	41		XA331	19				168	9		MXEB1Q	52	MXEB1A	01	1	TQ2	D3		22B			
51310		XA331	19										MXEB1Q	53	MXEB1Q	00	1	TDD	D0		09B	EOB SYNC COUNTER		
51311		XA333	60		XA327	62				168	9		MXED0A	51	MAEN2S	01	2	TT3	E2		28A			
51312		XA327	62		XA327	53				168	9		MXED0A	52	MDCP00	01	1	TQ2	E2		29A			
51313		XA327	53		XA326	23				168	9		MXED0A	53	MDCP10	01	1	TQ2	E3		28B			
51314		XA326	23										MXED0A	54	MXED0A	00	1	TD4	B1		11B	AUTO OUTPUT DATA		
51315		XA338	21		XA336	17				168	9		MXENAR	51	MXENAR	00	1	TD4	B2		10B			
51316		XA336	17										MXENAR	52	MXENAS	01	1	TQ2	B3		08B			
51317		XA326	04		XA326	24				168	9		MXENAS	51	MXDPEA	01	2	TD4	A2		04A			
51318		XA326	24		XA336	21				168	9		MXENAS	52	MXED0A	01	2	TD4	B1		13A			
51319		XA336	21		XA338	14				168	9		MXENAS	53	MXENAS	00	1	TQ2	B3		10B	ENABLE ADDRESS F/R		
51320		XA338	14										MXENAS	54	MXENAR	01	1	TD4	B2		09A			
51321		XA328	52		XA333	40				168	9		MXE0B0	51	MXE0B0	00	1	TQ2	D1		24A			
51322		XA333	40										MXE0B0	52	MXE0B0	01	2	TT3	C1		19A			
51323		XA334	80		XA335	80				168	9		MXGN1A	51	MXS471U	01	5	DBC	E1		38B			
51324		XA335	80		XA345	72				168	9		MXGN1A	52	MXS031U	01	5	DBC	E1		38B			
51325		XA345	72		XA345	49				168	9		MXGN1A	53	MXASTDX	01	1	DCF	D1		36A			
51326		XA345	49		XA345	51				168	9		MXGN1A	54	MXACMOX	01	1	DCF	C2		27B			
51327		XA345	51		XA344	51				168	9		MXGN1A	55	MXAENOX	01	1	DCF	C4		28B			
51328		XA344	51		XA344	49				168	9		MXGN1A	56	MXBENOX	01	1	DCF	C4		28B			
51329		XA344	49		XA339	09				168	9		MXGN1A	57	MXBCMOX	01	1	DCF	C2		27B			
51330		XA339	09		XA329	18				168	9		MXGN1A	58	MXGN1A	00	1	TQ2	A3		04B	SOFT GROUND		
51331		XA329	18		XA329	24				168	9		MXGN1A	59	MXEBOI	01	1	TDD	DI		10A			
51332		XA329	24		XA329	40				168	9		MXGN1A	60	MXIROI	01	1	TDD	CI		13A			
51333		XA329	40		XA319	53				168	9		MXGN1A	61	MXSTOI	01	1	TDD	EI		19A			
51334		XA319	53										MXGN1A	62	MXDBOIA	01	2	MUX	D1		26B			
50554		XA317	30		XA318	01				168	9		MXGN2A	01	MPCRSA	01	1	TS8	C1		15A			
50555		XA318	01		XA320	05				168	9		MXGN2A	02	MPCRCIA	01	1	TD4	A2		02B			
51335		XA320	05		XA319	59				168	9		MXGN2A	51	MLPTOI	01	1	TDD	BT		03B			
51336		XA319	59		XA336	39				168	9		MXGN2A	52	MXDBOIB	01	2	MUX	D2		30B			
51337		XA336	39		XA334	79				168	9		MXGN2A	53	MXGN2A	00	1	TQ2	C4		19B			
51338		XA334	79		XA335	79				168	9		MXGN2A	54	MXS473U	01	1	DBC	E3		37B			
51339		XA335	79		XA345	74				168	9		MXGN2A	55	MXS033U	01	1	DBC	E3		37B			
51340		XA345	74		XA345	70				168	9		MXGN2A	56	MDMNC0X	01	1	DCF	D6		37A			
51341		XA345	70										MXGN2A	57	MDMND0X	01	1	DCF	D8		35A			
51342		XA321	71		XA322	71				168	9		MXGN3A	51	MXXDI I	01	1	TDD	MI		36A			
51343		XA322	71		XA322	77				168	9		MXGN3A	52	MXXRCI I	01	1	TDD	MI		36A			
51344		XA322	77		XA321	77				168	9		MXGN3A	53	MXXREI I	01	1	TDD	LI		38B			
51345		XA321	77		XA320	77				168	9		MXGN3A	54	MXXCI I	01	1	TDD	LI		38B			
51346		XA320	77		XA320	71				168	9		MXGN3A	55	MXXDDI I	01	1	TDD	LI		38B			
51347		XA320	71		XA319	56				168	9		MXGN3A	56	MXXOSI I	01	1	TDD	MI		36A			
51348		XA319	56		XA327	51				168	9		MXGN3A	57	MXDBOIC	01	2	MUX	D3		28B			
****												SIGNAL	MXGN3A	IS ON THE NEXT PAGE										****

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	PREFIX	CONNECTOR	PIN	OR	PREFIX	CONNECTOR	PIN	OR	MULTI GROUP	CODE	COLOR	IDENT												
51349		XA327	51			XA334	78			168	9		MXGN3A	58	MXGN3A	00	1	TQ2	D4		27B			
51350		XA334	78			XA335	78			168	9		MXGN3A	59	MXS474U	01	1	DBC	E4		38A			
51351		XA335	78										MXGN3A	60	MXS034U	01	1	DBC	E4		38A			
51352		XA333	30			XA327	52			168	9		MXHSTO	51	MXH50A	01	2	TT3	C2		15A			
51353		XA327	52										MXHSTO	52	MXHSTO	00	1	TQ2	D1		24A			
51354		XA332	14			XA333	31			168	9		MXH50A	51	MXST20	01	1	TS8	B1		09A			
51355		XA333	31										MXH50A	52	MXH50A	00	1	TT3	C2		15B	COMMAND IS STOP		
51356		XA325	76			XA338	66			168	9		MXINHR	51	MXXDIR	01	2	TT3	F3		37A			
51357		XA338	66			XA338	60			168	9		MXINHR	52	MXARQA	01	2	TD4	E1		31A			
51358		XA338	60			XA338	04			168	9		MXINHR	53	MXBRQA	01	2	TD4	E2		28A			
51359		XA338	04			XA338	08			168	9		MXINHR	54	MXBOEA	01	2	TD4	A2		04A			
51360		XA338	08			XA336	15			168	9		MXINHR	55	MXAOEA	01	2	TD4	A1		06A			
51361		XA336	15			XA333	01			168	9		MXINHR	56	MXINHR	00	1	TQ2	A4		07B			
51362		XA333	01										MXINHR	57	MXINHS	01	1	TT3	A2		02B			
51363		XA333	07			XA336	11			168	9		MXINHS	51	MXINHS	00	1	TT3	A2		03A	DATA SEND INHIBIT		
51364		XA336	11										MXINHS	52	MXINHR	01	1	TQ2	A4		05B			
51365		XA336	13			XA333	43			168	9		MXINOA	51	MXINHR	01	2	TQ2	A4		06B			
51366		XA333	43										MXINOA	52	MXINOA	00	1	TT3	D2		23B			
51367		XA327	39			XA333	23			168	9		MXIRCO	51	MXIRCO	00	1	TQ2	C4		19B			
51368		XA333	23										MXIRCO	52	MXIROA	01	2	TT3	B3		11B			
51369		XA329	27			XA333	27			168	9		MXIROA	51	MXIROQ	01	1	TDD	CQ		13B			
51370		XA333	27										MXIROA	52	MXIROA	00	1	TT3	B3		13B	COMMAND IS ITR		
51371		XA330	18			XA329	25			168	9		MXIROQ	51	MXIR1I	01	1	TDD	DI		10A			
51372		XA329	25										MXIROQ	52	MXIROQ	00	1	TDD	CQ		12B	ITR SYNC COUNTER		
51373		XA320	65			XA328	27			168	9		MXIR1A	51	MXXDSQ	01	1	TDD	MQ		34B			
51374		XA328	27			XA329	26			168	9		MXIR1A	52	MXIR1A	00	1	TQ2	B4		13B			
51375		XA329	26										MXIR1A	53	MXIRON	01	1	TDD	CN		14A			
51376		XA328	23			XA330	19			168	9		MXIR1Q	51	MXIR1A	01	1	TQ2	B4		11B			
51377		XA330	19										MXIR1Q	52	MXIR1Q	00	1	TDD	DQ		09B	ITR SYNC COUNTER		
51378		XA339	15			XA332	22			168	9		MXPRSA	51	MXPRSA	00	1	TQ2	A4		07B	CAP PANEL RESET		
51379		XA332	22										MXPRSA	52	MXST20	01	5	TS8	B1		12A			
61579		XA144	42			XA346	42			168	9		MXPRSB4	00C				RR4	D1				B02	
51381		XA346	42			XA348	38			168	9		MXPRSB4	005				RR4	D1					B02
64466		XA348	38			XA450	63			168	9		MXPRSB4	01				SHI						B04
64467		XA450	63										MXPRSB4	02				EXT						B04
51380		XA344	80									J	MXPRSDX	01	MXPRSDX	00	1	DCF	D5		38B	KXPRSB BUSS		C01
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	PREFIX	CONNECTOR	PIN	TO	PREFIX	CONNECTOR	PIN	TO	MULTI GROUP	CODE	COLOR	IDENT											
51382		XA339	11			XA344	76			16B	9		MXPRSOX	51	MXPRSA	01	1	TQ2	A4		05B		
51383		XA344	76										MXPRSOX	52	MXPRSOX	00	1	DCE	D6		38A		
51384		XA327	17			XA327	18			16B	9		MXRAF6T	51	MERMFO	01	1	TQ2	B3		08B		
51385		XA327	18			XA335	09			16B	9		MXRAF6T	52	MSYN10	01	1	TQ2	B2		10A		
51386		XA335	09										MXRAF6T	53	MXRAF6T	00	1	DRC	A7		05B		
51387		XA335	11			XA327	20			16B	9		MXRAF7T	51	MXRAF7T	00	1	DRC	A8		06B		
51388		XA327	20			XA327	23			16B	9		MXRAF7T	52	MSYN10	01	2	TQ2	B2		11A		
51389		XA327	23										MXRAF7T	53	MPRNT0	01	1	TQ2	B4		11B		
51390		XA340	40			XA339	38			16B	9		MXRCMR	51	MXRCMS	01	1	TQ2	C1		19A		
51391		XA339	38			XA338	49			16B	9		MXRCMR	52	MXRCMR	00	1	TQ2	C1		18A		
51392		XA338	49			XA333	52			16B	9		MXRCMR	53	MXXADO	01	1	TD4	D1		26B		
51393		XA333	52										MXRCMR	54	MXXBCD	01	1	TT3	D1		24A		
51394		XA338	77			XA340	38			16B	9		MXRCMS	51	MXCA0A	01	2	TD4	F1		38B		
51395		XA340	38			XA339	40			16B	9		MXRCMS	52	MXRCMS	00	1	TQ2	C1		18A	I/O INPUT REG COMM	
51396		XA339	40			XA333	46			16B	9		MXRCMS	53	MXRCMR	01	1	TQ2	C1		19A		
51397		XA333	46										MXRCMS	54	MXINDA	01	2	TT3	D2		21A		
51398		XA333	54			XA338	52			16B	9		MXRENR	51	MXXBCD	01	2	TT3	D1		25A		
51399		XA338	52			XA339	30			16B	9		MXRENR	52	MXXADO	01	2	TD4	D1		24A		
51400		XA339	30			XA340	34			16B	9		MXRENR	53	MXRENR	00	1	TQ2	C2		15A		
51401		XA340	34										MXRENR	54	MXRENS	01	1	TQ2	C2		16A		
51402		XA340	30			XA339	34			16B	9		MXRENS	51	MXRENS	00	1	TQ2	C2		15A	I/O INPUT REG ENAB	
51403		XA339	34			XA326	08			16B	9		MXRENS	52	MXRENR	01	1	TQ2	C2		16A		
51404		XA326	08										MXRENS	53	MXEA0A	01	2	TD4	A1		06A		
51405		XA340	29			XA339	33			16B	9		MXRPCR	51	MXRPCS	01	1	TQ2	C3		14B		
51406		XA339	33			XA338	54			16B	9		MXRPCR	52	MXRPCR	00	1	TQ2	C3		16B		
51407		XA338	54										MXRPCR	53	MXXADO	01	3	TD4	D1		25A		
64468		XA340	33									J	MXRPCS	01	MXRPCS	00	1	TQ2	C3			KMRPCB BUSS	
51412		XA339	70			XA339	64			16B	9		MXRRSA	51	MXR4CR	01	2	TQ2	E1		33A		
51413		XA339	64			XA339	61			16B	9		MXRRSA	52	MXR5CR	01	2	TQ2	E2		30A		
51414		XA339	61			XA339	55			16B	9		MXRRSA	53	MXR7CR	01	2	TQ2	E4		32B		
51415		XA339	55			XA339	56			16B	9		MXRRSA	54	MXR6CR	01	2	TQ2	E3		29B		
51416		XA339	56			XA339	50			16B	9		MXRRSA	55	MXR0CR	01	2	TQ2	D1		26A		
51417		XA339	50			XA339	49			16B	9		MXRRSA	56	MXR1CR	01	2	TQ2	D2		23A		
51418		XA339	49			XA339	43			16B	9		MXRRSA	57	MXR3CR	01	2	TQ2	D4		26B		
51419		XA339	43			XA339	42			16B	9		MXRRSA	58	MXR2CR	01	2	TQ2	D3		23B		
51420		XA339	42			XA339	36			16B	9		MXRRSA	59	MXRCMR	01	2	TQ2	C1		20A		
51421		XA339	36			XA339	31			16B	9		MXRRSA	60	MXRENR	01	2	TQ2	C2		17A		
51422		XA339	31			XA327	06			16B	9		MXRRSA	61	MXRPCR	01	2	TQ2	C3		15B		
51423		XA327	06										MXRRSA	62	MXRRSA	00	1	TQ2	A1		05A	RESET I/O INPUT RE	
51424		XA327	08			XA328	06			16B	9		MXRRSO	51	MXRRSA	01	1	TQ2	A1		06A		
										****	SIGNAL	(MXRRSO)	IS ON THE NEXT PAGE										****

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	PREFIX	CONNECTOR	PIN	PREFIX	CONNECTOR	PIN	OR FG	MULTI GROUP	CODE	COLOR											
51425		XA328	06									MXRRSO	52	MXRRSO	00	1	TQ2	A1	05A		
51426		XA336	06								J	MXRSOA	51	MXRSOA	00	1	TQ2	A1	05A	LXRSOB	BUSS
51427		XA320	04		XA321	04			168	9		MXRSOB	51	MLPTOP	01	1	TDD	BP	04A		
51428		XA321	04		XA322	03			168	9		MXRSOB	52	MLPT1P	01	1	TDD	BP	04A		
51429		XA322	03		XA325	05			168	9		MXRSOB	53	MDMNDQ	01	1	TDD	BQ	02A		
51430		XA325	05		XA325	13			168	9		MXRSOB	54	MLPTBR	01	3	TT3	A2	03B		
51431		XA325	13		XA325	34			168	9		MXRSOB	55	MSNCOR	01	3	TT3	A3	06B		
51432		XA325	34		XA329	36			168	9		MXRSOB	56	MSNC2R	01	3	TT3	C2	16A		
51433		XA329	36		XA331	38			168	9		MXRSOB	57	MPRNTP	01	1	TDD	FP	17A		
51434		XA331	38		XA333	41			168	9		MXRSOB	58	MRMFEP	01	1	TDD	EP	18A		
51435		XA333	41		XA333	56			168	9		MXRSOB	59	MXINOA	01	1	TT3	D2	22B		
51436		XA333	56		XA338	50			168	9		MXRSOB	60	MXRBCO	01	3	TT3	D1	26A		
51437		XA338	50		XA338	42			168	9		MXRSOB	61	MXOFRR	01	4	TD4	D2	23A		
51438		XA338	42		XA338	36			168	9		MXRSOB	62	MXDVSRR	01	4	TD4	C1	20A		
51439		XA338	36		XA338	26			168	9		MXRSOB	63	MXDEVRR	01	4	TD4	C2	17A		
51440		XA338	26		XA338	20			168	9		MXRSOB	64	MXCMAR	01	4	TD4	B1	14A		
51441		XA338	20		XA336	09			168	9		MXRSOB	65	MXENAR	01	4	TD4	B2	11A		
51442		XA336	09		XA336	06			168	9	P	MXRS2A	66	MXRSOB	03	1	TQ2	A3	04B	MASTER RESET BUS	0
51443		XA336	06		XA336	01			168	9	P	MXRSOA	67	MXRSOB	01	1	TQ2	A1	05A	MASTER RESET BUS	0
51444		XA336	01		XA333	03			168	9	P	MXRSIA	68	MXRSOB	02	1	TQ2	A2	02B	MASTER RESET BUS	0
51445		XA333	03		XA331	20			168	9		MXRSOB	69	MXINHSS	01	2	TT3	A2	02A		
51446		XA331	20		XA330	20			168	9		MXRSOB	70	MXEB1P	01	1	TDD	DP	11A		
51447		XA330	20		XA329	20			168	9		MXRSOB	71	MXIR1P	01	1	TDD	DP	11A		
51448		XA329	20		XA329	22			168	9		MXRSOB	72	MXEBOP	01	1	TDD	DP	11A		
51449		XA329	22		XA329	15			168	9		MXRSOB	73	MXIROP	01	1	TDD	CP	12A		
51450		XA329	15		XA328	10			168	9		MXRSOB	74	MXXACQ	01	1	TDD	AQ	07B		
51451		XA328	10		XA325	10			168	9		MXRSOB	75	MXRRSO	01	2	TQ2	A1	07A		
51452		XA325	10		XA325	18			168	9		MXRSOB	76	MLPT2R	01	3	TT3	A1	07A		
51453		XA325	18		XA325	26			168	9		MXRSOB	77	MLPF1R	01	3	TT3	B2	10A		
51454		XA325	26		XA325	25			168	9		MXRSOB	78	MLPFOR	01	3	TT3	B1	14A		
51455		XA325	25		XA325	37			168	9		MXRSOB	79	MBUSYR	01	3	TT3	B3	12B		
51456		XA325	37		XA325	42			168	9		MXRSOB	80	MAEOBR	01	3	TT3	C3	18B		
51457		XA325	42		XA325	48			168	9		MXRSOB	81	MSNC1R	01	3	TT3	C1	20A		
51458		XA325	48		XA325	49			168	9		MXRSOB	82	MAEN1R	01	3	TT3	D2	22A		
51459		XA325	49		XA325	56			168	9		MXRSOB	83	MAEN2R	01	3	TT3	D3	26B		
51460		XA325	56		XA325	61			168	9		MXRSOB	84	MAOENR	01	3	TT3	D1	26A		
51461		XA325	61		XA327	61			168	9		MXRSOB	85	MSRS00	01	3	TT3	E3	32B		
51462		XA327	61		XA326	64			168	9		MXRSOB	86	MDS00	01	2	TQ2	E4	32B		
51463		XA326	64		XA325	70			168	9		MXRSOB	87	MAENOR	01	4	TD4	E2	30A		
51464		XA325	70		XA322	73			168	9		MXRSOB	88	MAEN3R	01	3	TT3	F1	33A		
51465		XA322	73		XA322	75			168	9		MXRSOB	89	MXXRCP	01	1	TDD	MP	36B		
51466		XA322	75		XA321	75			168	9		MXRSOB	90	MXXREP	01	1	TDD	LP	37B		
51467		XA321	75		XA321	73			168	9		MXRSOB	91	MXXC1P	01	1	TDD	LP	37B		
51468		XA321	73		XA320	73			168	9		MXRSOB	92	MXXD1P	01	1	TDD	MP	36B		
51469		XA320	73		XA320	75			168	9		MXRSOB	93	MXXDSP	01	1	TDD	MP	36B		
51470		XA320	75		XA320	53			168	9		MXRSOB	94	MXXDDP	01	1	TDD	LP	37B		
51471		XA320	53									MXRSOB	95	MAENCQ	01	1	TDD	KO	28B		
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	PREFIX	CONNECTOR	PIN	SH PG	PREFIX	CONNECTOR	PIN	SH PG	MULTI-GROUP	CODE	COLOR									IDENT	AND		
51472		XA336	03		XA336	04				16B	9		MXRS00	51	MXRS2A	01	1	TQ2	A3	02A			
51473		XA336	04		XA336	08				16B	9		MXRS00	52	MXRS1A	01	1	TQ2	A2	04A			
51474		XA336	08		XA339	27				16B	9		MXRS00	53	MXRS0A	01	1	TQ2	A1	06A			
51475		XA339	27		XA327	29				16B	9		MXRS00	54	MXRS00	00	1	TQ2	B4	13B			
51476		XA327	29		XA327	34				16B	9		MXRS00	55	MXRS5A	01	1	TQ2	C3	14B			
51477		XA327	34		XA327	40				16B	9		MXRS00	56	MXRS4A	01	1	TQ2	C2	16A			
51478		XA327	40										MXRS00	57	MXRS3A	01	1	TQ2	C1	19A			
51479		XA336	01									J	MXRS1A	51	MXRS1A	00	1	TQ2	A2	02B	LXRS0B BUSS		
51480		XA327	38		XA327	33				16B	9	P	MXRS3A	51	MXRS1B	01	1	TQ2	C1	18A	MASTER RESET BUS 1		
51481		XA327	33		XA327	30				16B	9	P	MXRS5A	52	MXRS1B	03	1	TQ2	C3	16B	MASTER RESET BUS 1		
51482		XA327	30									P	MXRS4A	53	MXRS1B	02	1	TQ2	C2	15A	MASTER RESET BUS 1		
51483		XA336	09									J	MXRS2A	51	MXRS2A	00	1	TQ2	A3	04B	LXRS0B BUSS		
51484		XA327	38									J	MXRS3A	51	MXRS3A	00	1	TQ2	C1	18A	MXRS1B BUSS		
51485		XA327	30									J	MXRS4A	51	MXRS4A	00	1	TQ2	C2	15A	MXRS1B BUSS		
51486		XA327	33									J	MXRS5A	51	MXRS5A	00	1	TQ2	C3	16B	MXRS1B BUSS		
51487		XA340	54		XA339	52				16B	9		MXROCR	51	MXROCS	01	1	TQ2	D1	25A			
51488		XA339	52		XA332	43				16B	9		MXROCR	52	MXROCR	00	1	TQ2	D1	24A			
51489		XA332	43										MXROCR	53	MXCACO	01	1	TS8	D1	23B			
64469		XA340	52									J	MXROCS	01	MXROCS	00	1	TQ2	D1		KMROCB BUSS		
51494		XA317	08		XA326	13				16B	9		MXROPA	51	MXSS0A	01	6	TS8	A1	06A			
51495		XA326	13		XA332	37				16B	9		MXROPA	52	MXFA0A	01	4	TD4	A1	06B			
51496		XA332	37		XA336	75				16B	9		MXROPA	53	MXDV1A	01	5	TS8	C1	18B			
51497		XA336	75		XA338	79				16B	9		MXROPA	54	MXROPA	00	1	TQ2	F1	37B	T/O INPUT REG PART		
51498		XA338	79										MXROPA	55	MXCA0A	01	4	TD4	F1	39B			
51502		XA335	24		XA328	34				16B	9		MXR090T	51	MXR090T	00	1	DBC	B1	12A	DATA BYTE DECODER		
51503		XA328	34										MXR090T	52	MXDVCO	01	1	TQ2	C2	16A			
51504		XA327	54		XA335	26				16B	9		MXR091T	51	MXHSTO	01	1	TQ2	D1	25A			
51505		XA335	26										MXR091T	52	MXR091T	00	1	DBC	B2	13A			
51506		XA335	27		XA328	54				16B	9		MXR092T	51	MXR092T	00	1	DBC	B3	14A			
51507		XA328	54										MXR092T	52	MXE0B0	01	1	TQ2	D1	25A			
51508		XA327	35		XA335	33				16B	9		MXR094T	51	MXIRCO	01	1	TQ2	C4	17B			
51509		XA335	33										MXR094T	52	MXR094T	00	1	DBC	B5	16A			
51510		XA328	48		XA335	29				16B	9		MXR097T	51	MXSSTO	01	1	TQ2	D2	22A			
51511		XA335	29										MXR097T	52	MXR097T	00	1	DBC	B8	17B			
51512		XA335	31		XA328	29				16B	9		MXR098T	51	MXR098T	00	1	DBC	B9	14B			
											****	SIGNAL	MXR098T	IS ON THE NEXT PAGE				****					

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UNIT ASSEMBLY NAME

149016-800
CARD CAGE ASSY,A,IFCU

STRING

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FILE IDENT

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	PREFIX	CONNECTOR	PIN	IFCU	PREFIX	CONNECTOR	PIN	IFCU	MULTI GROUP	CODE	COLOR	IDEN1											
51513		XA328	29										MXR098T	52	MX0FRO	01	1	TQ2	C3		14B		
51514		XA332	10		XA332	46			16B	9			MXR1CR	51	MXCA1A	01	7	TS8	A1		07A		
51515		XA332	46		XA339	46			16B	9			MXR1CR	52	MXXACO	01	2	TS8	D1		21A		
51516		XA339	46		XA340	48			16B	9			MXR1CR	53	MXR1CR	00	1	TQ2	D2		21A		
51517		XA340	48										MXR1CR	54	MXR1CS	01	1	TQ2	D2		22A		
64470		XA340	46									J	MXR1CS	01	MXR1CS	00	1	TQ2	D2			KMR1CB BUSS	
51521		XA332	13		XA332	48			16B	9			MXR2CR	51	MXCA1A	01	8	TS8	A1		06B		
51522		XA332	48		XA339	45			16B	9			MXR2CR	52	MXXACO	01	3	TS8	D1		22A		
51523		XA339	45		XA340	41			16B	9			MXR2CR	53	MXR2CR	00	1	TQ2	D3		24B		
51524		XA340	41										MXR2CR	54	MXR2CS	01	1	TQ2	D3		22B		
64471		XA340	45									J	MXR2CS	01	MXR2CS	00	1	TQ2	D3			KMR2CB BUSS	
51528		XA340	47		XA339	51			16B	9			MXR3CR	51	MXR3CS	01	1	TQ2	D4		25B		
51529		XA339	51		XA332	49			16B	9			MXR3CR	52	MXR3CR	00	1	TQ2	D4		27B		
51530		XA332	49										MXR3CR	53	MXXACO	01	4	TS8	D1		26B		
64472		XA340	51									J	MXR3CS	01	MXR3CS	00	1	TQ2	D4			KMR3CB BUSS	
51535		XA335	05		XA332	50			16B	9			MXR4CR	51	MXRAF3T	01	1	DBC	A4		03B		
51536		XA332	50		XA339	66			16B	9			MXR4CR	52	MXXACO	01	5	TS8	D1		23A		
51537		XA339	66		XA340	68			16B	9			MXR4CR	53	MXR4CR	00	1	TQ2	E1		31A		
51538		XA340	68										MXR4CR	54	MXR4CS	01	1	TQ2	E1		32A		
64473		XA340	66									J	MXR4CS	01	MXR4CS	00	1	TQ2	E1			KMR4CB BUSS	
51543		XA332	52		XA339	60			16B	9			MXR5CR	51	MXXACO	01	6	TS8	D1		24A		
51544		XA339	60		XA340	62			16B	9			MXR5CR	52	MXR5CR	00	1	TQ2	E2		28A		
51545		XA340	62										MXR5CR	53	MXR5CS	01	1	TQ2	E2		29A		
64474		XA340	60									J	MXR5CS	01	MXR5CS	00	1	TQ2	E2			KMR5CB BUSS	
51551		XA332	54		XA339	57			16B	9			MXR6CR	51	MXXACO	01	7	TS8	D1		25A		
51552		XA339	57		XA340	53			16B	9			MXR6CR	52	MXR6CR	00	1	TQ2	E3		30B		
51553		XA340	53										MXR6CR	53	MXR6CS	01	1	TQ2	E3		28B		
64475		XA340	57									J	MXR6CS	01	MXR6CS	00	1	TQ2	E3			KMR6CB BUSS	
51560		XA340	59		XA339	63			16B	9			MXR7CR	51	MXR7CS	01	1	TQ2	E4		31B		
51561		XA339	63		XA332	56			16B	9			MXR7CR	52	MXR7CR	00	1	TQ2	E4		33B		
51562		XA332	56										MXR7CR	53	MXXACO	01	8	TS8	D1		26A		
64476		XA340	63									J	MXR7CS	01	MXR7CS	00	1	TQ2	E4			KMR7CB BUSS	
51569		XA323	69		XA328	35			16B	9			MXSKOA	51	MXSKOA	00	1	TQ2	E3		35A		
51570		XA328	35										MXSKOA	52	MXSKOO	01	1	TQ2	C4		17B		
									****		SIGNAL		MXSKOO		IS ON THE						****		

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UNIT ASSEMBLY NAME	CARD CAGE ASSY,A,IFCU		FILE IDENT	T39CIFC6	DATE	09-03-82	PAGE	140
51571	XA335 69	XA334 69	168 9	MXSK00 51	MXS032U 01	1 DBC E2	32A	
51572	XA334 69	XA328 39	168 9	MXSK00 52	MXS472U 01	1 DBC E2	32A	
51573	XA328 39			MXSK00 53	MXSK00 00	1 TQ2 C4	19B	I/O BUFFER REGISTER
51574	XA317 07	XA328 46	168 9	MXSST0 51	MXSS0A 01	5 TS8 A1	03A	
51575	XA328 46			MXSST0 52	MXSS0A 00	1 TQ2 D2	21A	
51576	XA325 71	XA332 18	168 9	MXSS0A 51	MXXC10 01	2 TT3 F2	36A	
51577	XA332 18	XA317 11	168 9	MXSS0A 52	MXST20 01	2 TS8 B1	10A	
51578	XA317 11			MXSS0A 53	MXSS0A 00	1 TS8 A1	05B	SOFTWARE STOP COMMAND
51579	XA342 35	XA329 35	168 9	MXSTOP 51	MLQRSD1 01	1 TLD C4	17B	
51580	XA329 35			MXSTOP 52	MXSTOP 00	1 TDD EP	17B	
51581	XA329 37	XA330 40	168 9	MXSTOQ 51	MXSTOQ 00	1 TDD EQ	18B	STOP SYNC COUNTER
51582	XA330 40	XA341 41	168 9	MXSTOQ 52	MXST11 01	1 TDD ET	19A	
51583	XA341 41			MXSTOQ 53	MLPRSD1 01	1 TLD D3	22B	
51584	XA324 45	XA329 42	168 9	MXST1A 51	MXST1A 00	1 TQ2 D3	24B	
51585	XA329 42	XA339 23	168 9	MXST1A 52	MXST0N 01	1 TDD EN	20A	
51586	XA339 23			MXST1A 53	MXR500 01	1 TQ2 B4	11B	
51587	XA324 41	XA330 37	168 9	MXST1Q 51	MXST1A 01	1 TQ2 D3	22B	
51588	XA330 37			MXST1Q 52	MXST1Q 00	1 TDD EQ	18B	STOP SYNC COUNTER
51589	XA327 45	XA329 39	168 9	MXST2A 51	MXST2A 00	1 TQ2 D3	24B	
51590	XA329 39			MXST2A 52	MXST00 01	1 TDD EQ	19B	
51591	XA332 23	XA327 41	168 9	MXST20 51	MXST20 00	1 TS8 B1	11B	START MASTER RESET
51592	XA327 41			MXST20 52	MXST2A 01	1 TQ2 D3	22B	
64477	XA335 70			J MXS031U 01	MXS031U 00	1 DBC E1		KM031B BUSS
64478	XA335 72			J MXS032U 01	MXS032U 00	1 DBC E2		KM032B BUSS
64479	XA335 74			J MXS033U 01	MXS033U 00	1 DBC E3		KM033B BUSS
64480	XA335 76			J MXS034U 01	MXS034U 00	1 DBC E4		KM034B BUSS
64481	XA334 70			J MXS471U 01	MXS471U 00	1 DBC E1		
64482	XA334 72			J MXS472U 01	MXS472U 00	1 DBC E2	35A	KM472B BUSS
64483	XA334 74			J MXS473U 01	MXS473U 00	1 DBC E3	36A	KM473B BUSS
64484	XA334 76			J MXS474U 01	MXS474U 00	1 DBC E4		KM474B BUSS
51617	XA340 39	XA338 56	168 9	MXXACA 51	MXXACA 00	1 TQ2 C4	19B	
51618	XA338 56			MXXACA 52	MXXADO 01	4 TD4 D1	26A	
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149016-800
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	PREFIX	CONNECTOR	PIN		PREFIX	CONNECTOR	PIN	OR FC	MULTI GROUP	CODE	COLOR											
51619		XA331	06		XA331	04			168	9		MXXACP	51	MXXA1P	01	1	TDD	AP		05A		
51620		XA331	04		XA330	04			168	9		MXXACP	52	MXXA3P	01	1	TDD	BP		04A		
51621		XA330	04		XA330	06			168	9		MXXACP	53	MXXA2P	01	1	TDD	BP		04A		
51622		XA330	06		XA329	11			168	9		MXXACP	54	MXXAOP	01	1	TDD	AP		05A		
51623		XA329	11									MXXACP	55	MXXACP	00	1	TDD	AP		05B		
51624		XA340	35		XA332	47			168	9		MXXACO	51	MXXACA	01	1	TQ2	C4		17B		
51625		XA332	47									MXXACO	52	MXXACO	00	1	TS8	D1		25B		
51626		XA329	06		XA336	80			168	9		MXXADA	51	MXXACP	01	1	TDD	AP		05A		
51627		XA336	80									MXXADA	52	MXXADA	00	1	TQ2	F4		39A	START I/O STATE CO	
51628		XA338	47		XA336	76			168	9		MXXADO	51	MXXADO	00	1	TD4	D1		25B		
51629		XA336	76									MXXADO	52	MXXADA	01	1	TQ2	F4		37A		
51630		XA317	05		XA330	11			168	9		MXXAOP	51	MXSSQA	01	3	TS8	A1		03B		
51631		XA330	11		XA332	05			168	9		MXXAOP	52	MXXAOP	00	1	TDD	AP		05B		
51632		XA332	05		XA332	34			168	9		MXXAOP	53	MXCA1A	01	3	TS8	A1		03B		
51633		XA332	34		XA336	62			168	9		MXXAOP	54	MXDVA	01	3	TS8	C1		16A		
51634		XA336	62		XA338	73			168	9		MXXAOP	55	MXXA5A	01	1	TQ2	E2		29A		
51635		XA338	73									MXXAOP	56	MXX05A	01	3	TD4	F2		36B		
51636		XA336	68		XA331	08			168	9		MXXAOQ	51	MXXA4A	01	1	TQ2	E1		32A		
51637		XA331	08		XA330	13			168	9		MXXAOQ	52	MXXA1I	01	1	TDD	AI		06A		
51638		XA330	13									MXXAOQ	53	MXXAOQ	00	1	TDD	AQ		06B	I/O STATE COUNTER	
51639		XA331	11		XA336	53			168	9		MXXA1P	51	MXXA1P	00	1	TDD	AP		05B		
51640		XA336	53									MXXA1P	52	MXXA6A	01	1	TQ2	E3		28B		
51641		XA338	74		XA336	64			168	9		MXXA1Q	51	MXX05A	01	4	TD4	F2		35B		
51642		XA336	64		XA332	36			168	9		MXXA1Q	52	MXXA5A	01	2	TQ2	E2		30A		
51643		XA332	36		XA332	06			168	9		MXXA1Q	53	MXDVA	01	4	TS8	C1		17A		
51644		XA332	06		XA331	13			168	9		MXXA1Q	54	MXCA1A	01	4	TS8	A1		05A		
51645		XA331	13		XA330	05			168	9		MXXA1Q	55	MXXA1Q	00	1	TDD	AQ		06B	I/O STATE COUNTER	
51646		XA330	05		XA317	06			168	9		MXXA1Q	56	MXXA2I	01	1	TDD	BI		03B		
51647		XA317	06									MXXA1Q	57	MXSSQA	01	4	TS8	A1		05A		
51648		XA336	55		XA331	05			168	9		MXXA2Q	51	MXXA6A	01	2	TQ2	E3		29B		
51649		XA331	05		XA330	07			168	9		MXXA2Q	52	MXXA3I	01	1	TDD	BI		03B		
51650		XA330	07									MXXA2Q	53	MXXA2Q	00	1	TDD	BQ		03A	I/O STATE COUNTER	
51651		XA329	10		XA330	08			168	9		MXXA3P	51	MXXACN	01	1	TDD	AN		07A		
51652		XA330	08		XA331	09			168	9		MXXA3P	52	MXXA0I	01	1	TDD	AI		06A		
51653		XA331	09									MXXA3P	53	MXXA3P	00	1	TDD	BP		04B		
51654		XA336	70		XA328	24			168	9		MXXA3Q	51	MXXA4A	01	2	TQ2	F1		33A		
51655		XA328	24		XA331	07			168	9		MXXA3Q	52	MXXBKO	01	1	TQ2	B1		13A		
51656		XA331	07									MXXA3Q	53	MXXA3Q	00	1	TDD	BQ		03A	I/O STATE COUNTER	
51657		XA340	76		XA336	66			168	9		MXXA4A	51	MXXA4O	01	1	TQ2	F4		37A		
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149016-800
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	PREFIX	CONNECTOR	PIN	WIRE NO	PREFIX	CONNECTOR	PIN	WIRE NO	MULTI GROUP	CODE	COLOR	IDENT											
51658		XA336	66										MXXA4A	52	MXXA4A	00	1	TQ2	E1		31A		
51659		XA336	20		XA340	80				16B	9		MXXA40	51	MXX04A	01	2	TQ2	B2		11A		
51660		XA340	80										MXXA40	52	MXXA40	00	1	TQ2	F4		39A	I/O STATE COUNTER	
51661		XA339	77		XA336	60				16B	9		MXXA5A	51	MXXA50	01	1	TQ2	F1		38B		
51662		XA336	60										MXXA5A	52	MXXA5A	00	1	TQ2	E2		28A		
51663		XA326	07		XA326	26				16B	9		MXXA50	51	MXDPEA	01	4	TD4	A2		03A		
51664		XA326	26		XA333	37				16B	9		MXXA50	52	MXEDQA	01	4	TD4	B1		14A		
51665		XA333	37		XA333	49				16B	9		MXXA50	53	MXODEA	01	3	TT3	C3		18B		
51666		XA333	49		XA339	75				16B	9		MXXA50	54	MXODQA	01	3	TT3	D3		26B		
51667		XA339	75										MXXA50	55	MXXA50	00	1	TQ2	F1		37B	I/O STATE COUNTER	
51668		XA336	57		XA328	08				16B	9		MXXA6A	51	MXXA6A	00	1	TQ2	E3		30B	I/O STATE COUNTER	
51669		XA328	08										MXXA6A	52	MXXR50	01	1	TQ2	A1		06A		
51670		XA329	04		XA330	22				16B	9		MXXBCA	51	MXXBOP	01	1	TDD	BP		04A		
51671		XA330	22		XA331	22				16B	9		MXXBCA	52	MXXB1P	01	1	TDD	CP		12A		
51672		XA331	22		XA339	39				16B	9		MXXBCA	53	MXXB2P	01	1	TDD	CP		12A		
51673		XA339	39										MXXBCA	54	MXXBCA	00	1	TQ2	C4		19B	RESET I/O BYTE COUN	
51674		XA339	35		XA333	50				16B	9		MXXBC0	51	MXXBCA	01	1	TQ2	C4		17B		
51675		XA333	50										MXXBC0	52	MXXBC0	00	1	TT3	D1		23A		
51676		XA331	26		XA330	26				16B	9		MXXBK0	51	MXXB2N	01	1	TDD	CN		14A		
51677		XA330	26		XA328	22				16B	9		MXXBK0	52	MXXB1N	01	1	TDD	CN		14A		
51678		XA328	22		XA329	01				16B	9		MXXBK0	53	MXXBK0	00	1	TQ2	B1		12A	I/O BYTE COUNTER	
51679		XA329	01										MXXBK0	54	MXXB0N	01	1	TDD	BN		02B		
51680		XA338	31		XA338	38				16B	9		MXXB0A	51	MXDEVR	01	2	TD4	C2		15B		
51681		XA338	38		XA338	46				16B	9		MXXB0A	52	MXDVR	01	2	TD4	C1		18A		
51682		XA338	46		XA336	52				16B	9		MXXB0A	53	MXGFR	01	2	TD4	D2		21A		
51683		XA336	52		XA340	77				16B	9		MXXB0A	54	MXXB0A	00	1	TQ2	D1		24A		
51684		XA340	77										MXXB0A	55	MXXB00	01	1	TQ2	F1		38B		
51685		XA338	71		XA336	54				16B	9		MXXBOP	51	MXX05A	01	1	TD4	F2		36A		
51686		XA336	54		XA329	09				16B	9		MXXBOP	52	MXXB0A	01	1	TQ2	D1		25A		
51687		XA329	09										MXXBOP	53	MXXBOP	00	1	TDD	BP		04B		
51688		XA336	48		XA336	47				16B	9		MXXB0Q	51	MXXB1A	01	1	TQ2	D2		22A		
51689		XA336	47		XA330	24				16B	9		MXXB0Q	52	MXXB3A	01	1	TQ2	D4		25B		
51690		XA330	24		XA329	07				16B	9		MXXB0Q	53	MXXB1I	01	1	TDD	CI		13A		
51691		XA329	07										MXXB0Q	54	MXXB0Q	00	1	TDD	BQ		03A	I/O BYTE COUNTER	
51692		XA340	75		XA336	18				16B	9		MXXB00	51	MXXB00	00	1	TQ2	F1		37B	I/O BYTE COUNTER	
51693		XA336	18										MXXB00	52	MXX04A	01	1	TQ2	B2		10A		
51694		XA336	46		XA340	71				16B	9		MXXB1A	51	MXXB1A	00	1	TQ2	D2		21A		
51695		XA340	71										MXXB1A	52	MXXB10	01	1	TQ2	F2		36A		

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	PREFIX	CONNECTOR	PIN	FILE	PREFIX	CONNECTOR	PIN	FILE	WIRE	MULTI GROUP	CODE	COLOR								IDEN1	WIRE		
51696		XA330	23		XA336	50					168	9		MXXB1P	51	MXXB1P	00	1	TDD	CP		11B	
51697		XA336	50											MXXB1P	52	MXXB1A	01	2	TQ2	D2		23A	
51698		XA336	41		XA331	24					168	9		MXXB1Q	51	MXXB2A	01	1	TQ2	D3		22B	
51699		XA331	24		XA330	25					168	9		MXXB1Q	52	MXXB2I	01	1	TDD	CI		13A	
51700		XA330	25											MXXB1Q	53	MXXB1Q	00	1	TDD	CQ		12B	I/O BYTE COUNTER
51701		XA324	37		XA326	25					168	9		MXXB1Q	51	MXODRA	01	2	TQ2	C4		18B	
51702		XA326	25		XA332	04					168	9		MXXB1Q	52	MXE00A	01	3	TD4	B1		12B	
51703		XA332	04		XA340	72					168	9		MXXB1Q	53	MXCA1A	01	2	TS8	A1		04A	
51704		XA340	72											MXXB1Q	54	MXXB1Q	00	1	TQ2	F2		34A	I/O BYTE COUNTER
51705		XA338	19		XA338	25					168	9		MXXB2A	51	MXENAR	01	3	TD4	B2		09B	
51706		XA338	25		XA336	45					168	9		MXXB2A	52	MXCMAR	01	3	TD4	B1		12B	
51707		XA336	45		XA340	65					168	9		MXXB2A	53	MXXB2A	00	1	TQ2	D3		24B	
51708		XA340	65											MXXB2A	54	MXXB2Q	01	1	TQ2	F3		34B	
51709		XA329	05		XA331	23					168	9		MXXB2P	51	MXXB0I	01	1	TDD	B1		03B	
51710		XA331	23		XA336	43					168	9		MXXB2P	52	MXXB2P	00	1	TDD	CP		11B	
51711		XA336	43		XA336	56					168	9		MXXB2P	53	MXXB2A	01	2	TQ2	D3		23B	
51712		XA336	56		XA338	72					168	9		MXXB2P	54	MXXB0A	01	2	TQ2	D1		26A	
51713		XA338	72											MXXB2P	55	MXX05A	01	2	TD4	F2		34A	
51714		XA336	49		XA331	25					168	9		MXXB2Q	51	MXXB3A	01	2	TQ2	D4		26B	
51715		XA331	25											MXXB2Q	52	MXXB2Q	00	1	TDD	CQ		12B	
51716		XA317	04		XA332	31					168	9		MXXB2Q	51	MXSS0A	01	2	TS8	A1		04A	
51717		XA332	31		XA333	47					168	9		MXXB2Q	52	MXDV1A	01	2	TS8	C1		15B	
51718		XA333	47		XA340	69					168	9		MXXB2Q	53	MXD00A	01	2	TT3	D3		25B	
51719		XA340	69											MXXB2Q	54	MXXB2Q	00	1	TQ2	F3		35A	I/O BYTE COUNTER
51720		XA338	34		XA338	40					168	9		MXXB3A	51	MXDEVF	01	3	TD4	C2		16A	
51721		XA338	40		XA338	48					168	9		MXXB3A	52	MXDVSR	01	3	TD4	C1		19A	
51722		XA338	48		XA336	51					168	9		MXXB3A	53	MXOFRR	01	3	TD4	D2		22A	
51723		XA336	51											MXXB3A	54	MXXB3A	00	1	TQ2	D4		27B	I/O BYTE COUNTER
51724		XA321	80		XA327	72					168	9		MXXCIA	51	MXXC1Q	01	1	TDD	LQ		39A	
51725		XA327	72											MXXCIA	52	MXXCIA	00	1	TQ2	F2		34A	
51726		XA333	57		XA326	61					168	9		MXXCIP	51	MXDB1Q	01	1	TT3	F3		30B	
51727		XA326	61		XA321	76					168	9		MXXCIP	52	MXXCRO	01	1	TD4	E1		32B	
51728		XA321	76											MXXCIP	53	MXXCIP	00	1	TDD	LP		37A	
51731		XA321	78										J	MXXC1Q	01	MXXC1Q	00	1	TDD	LQ		35A	KMXCIB BUSS
51732		XA327	71		XA325	74					168	9		MXXC1Q	51	MXXCIA	01	1	TQ2	F2		34A	
51733		XA325	74											MXXC1Q	52	MXXC1Q	00	1	TT3	F2		35B	INDICATOR INPUT
										****	SIGNAL	MXXCRO	IS ON THE NEXT PAGE				****						

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DRAWING NUMBER
UNIT ASSEMBLY NAME

149016-800
CARD CAGE ASSY, A, IFCU

STRING

UNIT ASSEMBLY NO.
FILE IDENT

149016
T39C1FC6

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RECORD NUMBER	FROM				TO				WIRE				SIGNAL	SEQ NO	EQUATION	TERM	FACTOR	CKT OR CHIP TYPE	GROUP	LOAD OF C'WR PLANE	TEST POINTS	SIGNAL DESCRIPTION	ECO NO
	PREFIX	CONNECTOR	PIN	REF	PREF. A	CONNECTOR	PIN	REF	MULTI GROUP	CODE	COLOR	IDENT											
51734		XA326	59		XA329	52				16B	9			MXXCRO	51	MXXCRO	00	1	TD4	E1	31B	IOU INPUT STROBE	
51735		XA329	52		XA330	52				16B	9			MXXCRO	52	MXXC4P	01	1	TDD	GP	24A		
51736		XA330	52		XA330	50				16B	9			MXXCRO	53	MXXC1P	01	1	TDD	GP	24A		
51737		XA330	50		XA331	50				16B	9			MXXCRO	54	MXXC3P	01	1	TDD	HP	23A		
51738		XA331	50		XA331	52				16B	9			MXXCRO	55	MXXC2P	01	1	TDD	HP	23A		
51739		XA331	52											MXXCRO	56	MXXCOP	01	1	TDD	GP	24A		
51740		XA327	76		XA323	80				16B	9			MXXCSA	51	MXXCSO	01	1	TQ2	F4	37A		
51741		XA323	80											MXXCSA	52	MXXCSA	00	1	TQ2	F4	39A	IOU INPUT STROBE	
51742		XA338	07		XA338	13				16B	9			MXXCSO	51	MXBOEA	01	4	TD4	A2	03A		
51743		XA338	13		XA327	80				16B	9			MXXCSO	52	MXA0EA	01	4	TD4	A1	04B		
51744		XA327	80											MXXCSO	53	MXXCSO	00	1	TQ2	F4	39A		
51745		XA330	54		XA331	49				16B	9			MXXCOQ	51	MXXC1I	01	1	TDD	GI	25A		
51746		XA331	49											MXXCOQ	52	MXXC0Q	00	1	TDD	GQ	26B	IOU INPUT STROBE	
51747		XA331	48		XA330	49				16B	9			MXXC1Q	51	MXXC2I	01	1	TDD	HI	22A		
51748		XA330	49											MXXC1Q	52	MXXC1Q	00	1	TDD	GQ	26B		
51749		XA323	76		XA323	65				16B	9			MXXC2Q	51	MXXCSA	01	1	TQ2	F4	37A		
51750		XA323	65		XA330	48				16B	9			MXXC2Q	52	MXXSKQA	01	1	TQ2	F3	34B		
51751		XA330	48		XA331	43				16B	9			MXXC2Q	53	MXXC3I	01	1	TDD	HI	22A		
51752		XA331	43											MXXC2Q	54	MXXC2Q	00	1	TDD	HQ	23B		
51753		XA330	45		XA323	74				16B	9			MXXC3P	51	MXXC3P	00	1	TDD	HP	24B		
51754		XA323	74											MXXC3P	52	MXXSKQA	01	2	TQ2	F3	35B		
51755		XA329	54		XA330	43				16B	9			MXXC3Q	51	MXXC4I	01	1	TDD	GI	25A		
51756		XA330	43											MXXC3Q	52	MXXC3Q	00	1	TDD	HQ	23B		
51757		XA331	54		XA329	47				16B	9			MXXC4P	51	MXXC0I	01	1	TDD	GI	25A		
51758		XA329	47		XA321	72				16B	9			MXXC4P	52	MXXC4P	00	1	TDD	GP	25B		
51759		XA321	72		XA320	72				16B	9			MXXC4P	53	MXXDIN	01	1	TDD	MN	34A		
51760		XA320	72		XA321	79				16B	9			MXXC4P	54	MXXDSN	01	1	TDD	MN	34A		
51761		XA321	79		XA320	79				16B	9			MXXC4P	55	MXXCIN	01	1	TDD	LN	39B		
51762		XA320	79											MXXC4P	56	MXXDDN	01	1	TDD	LN	39B		
51763		XA329	49		XA323	78				16B	9			MXXC4Q	51	MXXC4Q	00	1	TDD	GQ	26B	IOU INPUT STROBE	
51764		XA323	78											MXXC4Q	52	MXXCSA	01	2	TQ2	F4	38A		
51765		XA333	06		XA325	03				16B	9			MXXDDP	51	MXXDRQ	01	1	TT3	A1	05A		
51766		XA325	03		XA325	08				16B	9			MXXDDP	52	MLPTBR	01	2	TT3	A2	02A		
51767		XA325	08		XA326	66				16B	9			MXXDDP	53	MLPT2R	01	2	TT3	A1	04A		
51768		XA326	66		XA320	76				16B	9			MXXDDP	54	MXXCRO	01	2	TD4	E1	31A		
51769		XA320	76											MXXDDP	55	MXXDDP	00	1	TDD	LP	37A		
51770		XA327	69		XA321	65				16B	9			MXXDIA	51	MXXDIA	00	1	TQ2	F3	35A		
51771		XA321	65											MXXDIA	52	MXXDIO	01	1	TDD	MQ	34B		
										****	SIGNAL	(MXXDIP)	IS ON THE NEXT PAGE										****

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UNIT ASSEMBLY NAME

149016-800
CARD CAGE ASSY, A, IFCU

STRING
UNIT ASSEMBLY NO. 149016
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RECORD NUMBER	FROM				TO				WIRE				SIGNAL	SEQ NO	EQUATION	TRM	FACTOR	CKT OR CHIP TYPE	GROUP	LOAD OR POWER PLANE	TEST POINTS AND OR	SIGNAL DESCRIPTION	ECO NO	
	PREFIX	CONNECTOR	PIN	WIRE	PREFIX	CONNECTOR	PIN	WIRE	MULTI GROUP	CODE	COLOR	IDENT												SPC INSET
51772		XA321	69		XA323	71			168	9				MXXDIP	51	MXXDIP	00	1	TDD	MP		35A		
51773		XA323	71		XA325	78			168	9				MXXDIP	52	MXDBSO	01	1	TQ2	F2		36A		
51774		XA325	78		XA326	68			168	9				MXXDIP	53	MXXDIR	01	3	TT3	F3		38A		
51775		XA326	68		XA333	59			168	9				MXXDIP	54	MXXCRO	01	3	TD4	E1		32A		
51776		XA333	59		XA333	08			168	9				MXXDIP	55	MXDBIO	01	2	TT3	E3		31B		
51777		XA333	08											MXXDIP	56	MXXDRO	01	2	TT3	A1		06A		
51778		XA325	80		XA324	65			168	9				MXXDIR	51	MXXDIR	00	1	TT3	F3		39A		
51779		XA324	65		XA326	19			168	9				MXXDIR	52	MXXDIS	01	1	TQ2	F3		34B		
51780		XA326	19											MXXDIR	53	MPBZY0	01	3	TD4	B2		09B		
51781		XA324	69		XA325	69			168	9				MXXDIS	51	MXXDIS	00	1	TQ2	F3		35A	INTERRUPT WAIT FOR	
51782		XA325	69		XA327	65			168	9				MXXDIS	52	MXXDIR	01	1	TT3	F3		35A		
51783		XA327	65											MXXDIS	53	MXXDIA	01	1	TQ2	F3		34B		
51784		XA340	06		XA339	10			168	9				MXXDRA	51	MXXDRA	00	1	TQ2	A1		05A	DATA RECEIVE INHIB	
51785		XA339	10		XA339	05			168	9				MXXDRA	52	MXAIEA	01	2	TQ2	A1		07A		
51786		XA339	05											MXXDRA	53	MXBIEA	01	2	TQ2	A2		03B		
51787		XA333	04		XA340	08			168	9				MXXDRO	51	MXXDRO	00	1	TT3	A1		04A		
51788		XA340	08											MXXDRO	52	MXXDRA	01	1	TQ2	A1		06A		
51789		XA320	69		XA323	73			168	9				MXXDSP	51	MXXDSP	00	1	TDD	MP		35A		
51790		XA323	73		XA326	70			168	9				MXXDSP	52	MXDBSO	01	2	TQ2	F2		36B		
51791		XA326	70		XA333	61			168	9				MXXDSP	53	MXXCRO	01	4	TD4	E1		33A		
51792		XA333	61		XA333	10			168	9				MXXDSP	54	MXDBIO	01	3	TT3	E3		32B		
51793		XA333	10											MXXDSP	55	MXXDRO	01	3	TT3	A1		07A		
51794		XA327	75		XA322	65			168	9				MXXRCA	51	MXXRCA	00	1	TQ2	F1		37B	SET IOU RESET CONT	
51795		XA322	65											MXXRCA	52	MXXRCQ	01	1	TDD	MQ		34B		
51796		XA331	66		XA330	66			168	9				MXXRCQ	51	MXXROP	01	1	TDD	JP		31A		
51797		XA330	66		XA329	66			168	9				MXXRCQ	52	MXXR1P	01	1	TDD	JP		31A		
51798		XA329	66		XA322	74			168	9				MXXRCQ	53	MXXR2P	01	1	TDD	JP		31A		
51799		XA322	74											MXXRCQ	54	MXXRCQ	00	1	TDD	MQ		35B	IOU REQUEST CONTR	
51800		XA333	64		XA327	77			168	9				MXXRCQ	51	MXXRCQ	00	1	TT3	E1		30A	IOU REQUEST OR GATE	
51801		XA327	77											MXXRCQ	52	MXXRCA	01	1	TQ2	F1		38B		
51802		XA322	76		XA327	79			168	9				MXXREP	51	MXXREP	00	1	TDD	JP		37A		
51803		XA327	79											MXXREP	52	MXXRCA	01	2	TQ2	F1		39B		
51804		XA331	59		XA322	80			168	9				MXXROP	51	MXXROP	00	1	TDD	JP		31B		
51805		XA322	80											MXXROP	52	MXXREQ	01	1	TDD	LQ		39A		
51806		XA330	68		XA331	61			168	9				MXXROQ	51	MXXR1T	01	1	TDD	JP		32A		
51807		XA331	61		XA338	64			168	9				MXXROQ	52	MXXROQ	00	1	TDD	JQ		32B	IOU REQUEST COUNT	
51808		XA338	64		XA338	70			168	9				MXXROQ	53	MXBRQA	01	4	TD4	F2		30A		
51809		XA338	70											MXXROQ	54	MXARQA	01	4	TD4	E1		33A		
												****	SIGNAL	MXXRIQ	IS ON THE NEXT PAGE				****					

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 DRAWING NUMBER
 UNIT ASSEMBLY NAME

149016-800
 CARD CAGE ASSY, A, IFCU

STRING
 UNIT ASSEMBLY NO. 149016
 FILE IDENT T39C1FC6

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RECORD NUMBER	FROM				TO				WIRE				SIGNAL	SEQ NO	EQUATION	TERM	FACTOR	CKT OR CHIP TYPE	GROUP	LOAD OR POWER PLANE	TEST POINTS		SIGNAL DESCRIPTION	ECO NO
	PREFIX	CONNECTOR	PIN	SH FT	PREFIX	CONNECTOR	PIN	SH FT	MULTI GROUP	CODE	COLOR	IDENT									SEC INET	SH INET		
51810		XA330	61			XA329	68				16B	9		MXXR1Q	51	MXXR1Q	00	1	TDD	JO		32B		
51811		XA329	68											MXXR1Q	52	MXXR2I	01	1	TDD	JT		32A		
51812		XA331	68			XA329	59				16B	9		MXXR2P	51	MXXR0I	01	1	TDD	JT		32A		
51813		XA329	59			XA322	72				16B	9		MXXR2P	52	MXXR2P	00	1	TDD	JP		31B		
51814		XA322	72											MXXR2P	53	MXXRCN	01	1	TDD	MN		34A		
51815		XA338	24			XA338	18				16B	9		MXX04A	51	MXCMAR	01	2	TD4	B1		13A		
51816		XA338	18			XA336	14				16B	9		MXX04A	52	MXENAR	01	2	TD4	B2		10A		
51817		XA336	14											MXX04A	53	MXX04A	00	1	TQ2	B2		09A		
51818		XA339	71			XA338	69				16B	9		MXX05A	51	MXX050	01	1	TQ2	F2		36A		
51819		XA338	69											MXX05A	52	MXX05A	00	1	TD4	F2		35A	I/O STATE IS 5. I/O	
51820		XA326	10			XA338	78				16B	9		MXX050	51	MXEAOA	01	3	TD4	A1		07A		
51821		XA338	78			XA339	72				16B	9		MXX050	52	MXCAQA	01	3	TD4	F1		38A		
51822		XA339	72											MXX050	53	MXX050	00	1	TQ2	F2		34A		
51823		XA333	39			XA323	07				16B	9		MX0DEA	51	MX0DEA	00	1	TT3	C3		19B	OFR DATA PARITY	
51824		XA323	07											MX0DEA	52	MCDESO	01	2	TQ2	A3		03A		
51825		XA324	39			XA325	59				16B	9		MX0DRA	51	MX0DRA	00	1	TQ2	C4		19B		
51826		XA325	59			XA327	59				16B	9		MX0DRA	52	MSRS00	01	2	TT3	E3		31B		
51827		XA327	59											MX0DRA	53	MDRS00	01	1	TQ2	F4		31B		
51828		XA333	51			XA327	55				16B	9		MX0DOA	51	MX0DOA	00	1	TT3	D3		27B	OFR DATA STROBE	
51829		XA327	55			XA327	64				16B	9		MX0DOA	52	MDCP10	01	2	TQ2	E3		29B		
51830		XA327	64			XA325	72				16B	9		MX0DOA	53	MDCP00	01	2	TQ2	F2		30A		
51831		XA325	72			XA324	05				16B	9		MX0DOA	54	MXXCIO	01	3	TT3	F2		34A		
51832		XA324	05			XA320	03				16B	9		MX0DOA	55	MLPTRS	01	2	TQ2	A2		03B		
51833		XA320	03											MX0DOA	56	MLPT0Q	01	1	TDD	B0		02A		
51834		XA336	29			XA338	45				16B	9		MX0FRR	51	MX0FRS	01	1	TQ2	C3		14B		
51835		XA338	45											MX0FRR	52	MX0ERR	00	1	TD4	D2		24B		
51836		XA324	35			XA333	45				16B	9		MX0FRS	51	MX0DRA	01	1	TQ2	C4		17B		
51837		XA333	45			XA333	33				16B	9		MX0FRS	52	MX0DOA	01	1	TT3	D3		24B		
51838		XA333	33			XA336	33				16B	9		MX0FRS	53	MX0DEA	01	1	TT3	C3		14B		
51839		XA336	33			XA338	43				16B	9		MX0FRS	54	MX0FRS	00	1	TQ2	C3		16B	OFR COMMAND F/F	
51840		XA338	43											MX0FRS	55	MX0ERR	01	1	TD4	D2		23B		
51841		XA328	33			XA326	34				16B	9		MX0FRO	51	MX0FRO	00	1	TQ2	C3		16B		
51842		XA326	34											MX0FRO	52	MX0ROA	01	3	TD4	C2		16A		
51843		XA333	05			XA333	48				16B	9		MXONLO	51	MXINH5	01	3	TT3	A2		03B		
51844		XA333	48			XA328	51				16B	9		MXONLO	52	MXINQA	01	3	TT3	D2		22A		
51845		XA328	51											MXONLO	53	MXONLO	00	1	TQ2	D4		27B	ON LINE CONTROL	
51846		XA336	31			XA326	33				16B	9		MX0ROA	51	MX0FRS	01	2	TQ2	C3		15B		
51847		XA326	33											MX0ROA	52	MX0ROA	00	1	TD4	C2		16B	COMMAND IS OFR	

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DRAWING NUMBER
UNIT ASSEMBLY NAME

149016-800 STRING
CARD CAGE ASSY, A, IFCU

UNIT ASSEMBLY NO. 149016
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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	ECC NO			
	PREFIX	CONNECTOR	PIN	DRILL	PREFIX	CONNECTOR	PIN	DRILL	MULTI GROUP	CODE	COLOR	IDENT											SPEC. TEST MISC		
51848		XA331	33			XA327	11				16B	9		MX1MAP	51	MX1MAP	00	1	TDD	FP		16B			
51849		XA327	11											MX1MAP	52	MXCP1A	01	1	TQ2	A4		05B			
51850		XA328	18			XA330	34				16B	9		MX1MAQ	51	MXCP3A	01	1	TQ2	B2		10A			
51851		XA330	34			XA331	31				16B	9		MX1MAQ	52	MX1MBI	01	1	TDD	FI		16A			
51852		XA331	31											MX1MAQ	53	MX1MAQ	00	1	TDD	FQ		15B	2 PHASE CLK BIT 0		
51853		XA331	34			XA330	33				16B	9		MX1MBP	51	MX1MAI	01	1	TDD	FI		16A			
51854		XA330	33			XA328	20				16B	9		MX1MBP	52	MX1MBP	00	1	TDD	FP		16B			
51855		XA328	20											MX1MBP	53	MXCP3A	01	2	TQ2	B2		11A			
51856		XA327	13			XA330	31				16B	9		MX1MBQ	51	MXCP1A	01	2	TQ2	A4		06B			
51857		XA330	31											MX1MBQ	52	MX1MBQ	00	1	TDD	FQ		15B	2 PHASE CLOCK BIT		
51858		XA340	27			XA331	30				16B	9		M04MZO	51	M04MZO	00	1	TQ2	B4		13B	4 MHZ RECEIVER		
51859		XA331	30			XA330	30				16B	9		M04MZO	52	MX1MAN	01	1	TDD	FN		15A			
51860		XA330	30											M04MZO	53	MX1MBN	01	1	TDD	FN		15A			
51861		XA328	53			XA328	59				16B	9		M16MHA	51	M16MHO	01	1	TQ2	E3		28B			
51862		XA328	59			XA327	66				16B	9		M16MHA	52	M16MIO	01	1	TQ2	E4		31B			
51863		XA327	66											M16MHA	53	M16MHA	00	1	TQ2	E1		31A	16 MHZ RECEIVER		
51864		XA330	01			XA331	01				16B	9		M16MHO	51	MXXA2N	01	1	TDD	BN		02B			
51865		XA331	01			XA330	10				16B	9		M16MHO	52	MXXA3N	01	1	TDD	BN		02B			
51866		XA330	10			XA331	10				16B	9		M16MHO	53	MXXAON	01	1	TDD	AN		07A			
51867		XA331	10			XA331	70				16B	9		M16MHO	54	MXXAIN	01	1	TDD	AN		07A			
51868		XA331	70			XA330	70				16B	9		M16MHO	55	MXXRON	01	1	TDD	JN		33A			
51869		XA330	70			XA329	70				16B	9		M16MHO	56	MXXR1N	01	1	TDD	JN		33A			
51870		XA329	70			XA328	57				16B	9		M16MHO	57	MXXR2N	01	1	TDD	JN		33A			
51871		XA328	57											M16MHO	58	M16MHO	00	1	TQ2	E3		30B			
51872		XA328	63			XA329	56				16B	9		M16MIO	51	M16MIO	00	1	TQ2	E4		33B			
51873		XA329	56			XA330	56				16B	9		M16MIO	52	MXXC4N	01	1	TDD	GN		26A			
51874		XA330	56			XA331	56				16B	9		M16MIO	53	MXXC1N	01	1	TDD	GN		26A			
51875		XA331	56			XA331	46				16B	9		M16MIO	54	MXXCON	01	1	TDD	GN		26A			
51876		XA331	46			XA330	46				16B	9		M16MIO	55	MXXC2N	01	1	TDD	HN		21A			
51877		XA330	46											M16MIO	56	MXXC3N	01	1	TDD	HN		21A			
05892		XA418	73			XA407	79				16B	9		SPI001	00	TFST0A	01	3	TS8	F1		36B		D01	
01208		XA407	79			XA407	55				16B	9		SPI001	01	TS23SA	01	2	TQ2	F1		39B		B02	
01211		XA407	55			XA406	61				16B	9		SPI001	04	TLRCA0	01	2	TQ2	E3		29B			
01213		XA406	61			XA406	55				16B	9		SPI001	06	TXXBK0	01	2	TQ2	E4		32B			
01214		XA406	55			XA406	37				16B	9		SPI001	07	TDRS0A	01	2	TQ2	E3		29B			
01215		XA406	37			XA406	31				16B	9		SPI001	08	TDSC00	01	2	TQ2	C4		18B			
01216		XA406	31			XA407	31				16B	9		SPI001	09	TSRS0A	01	2	TQ2	C3		15B			
01217		XA407	31			XA407	25				16B	9		SPI001	10	TSRS1A	01	2	TQ2	C3		15B			
01218		XA407	25			XA406	19				16B	9		SPI001	11	TTSC90	01	2	TQ2	B4		12B			
01219		XA406	19			XA411	13				16B	9		SPI001	12	TS1590	01	2	TQ2	B3		09B			
											****			SIGNAL	(SPI001)		IS ON THE		NEXT PAGE		****				

H78-14 500
DRAWING NUMBER
UNIT ASSEMBLY NAME

149016-800 STRING
CARD CAGE ASSY, A, IFCU

UNIT ASSEMBLY NO. 149016
FILE IDENT T39C1FC6

REV E INDEX SPIO01
DATE 09-03-82 PAGE 148

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	PIH	DI PC	PREFIX	CONNECTOR	PIH	DI PC	MULTI GROUP	CODE	COLOR	IDENT												SPEC INST ASSC
01254		XA413	64			XA414	64				16B	9		SPIO02	13	TC90BP	01	1	TDD	KP		30A		
01255		XA414	64			XA416	50				16B	9		SPIO02	14	TC91BP	01	1	TDD	KP		30A		
01256		XA416	50			XA415	50				16B	9		SPIO02	15	TC73BP	01	1	TDD	HP		23A		
01257		XA415	50			XA415	53				16B	9		SPIO02	16	TC72BP	01	1	TDD	HP		23A		
01258		XA415	53			XA414	50				16B	9		SPIO02	17	TCSD2Q	01	1	TDD	KQ		28B		
01259		XA414	50			XA413	50				16B	9		SPIO02	18	TC71BP	01	1	TDD	HP		23A		
01260		XA413	50			XA413	36				16B	9		SPIO02	19	TC70BP	01	1	TDD	HP		23A		
01261		XA413	36			XA414	36				16B	9		SPIO02	20	TC503P	01	1	TDD	FP		17A		
01262		XA414	36			XA415	36				16B	9		SPIO02	21	TC518P	01	1	TDD	FP		17A		
01263		XA415	36			XA416	36				16B	9		SPIO02	22	TC528P	01	1	TDD	FP		17A		
01264		XA416	36			XA427	71				16B	9		SPIO02	23	TC538P	01	1	TDD	FP		17A	B02	
01420		XA427	71			XA442	37				16B	9		SPIO02	23C		01	1	DBC	F1		33B	B02	
01265		XA442	37											SPIO02	24				RR4	D4				
62176		XA144	39			XA120	25				16B	9		SPIO021	01				RR4	D5				
62177		XA120	25			XA120	22				16B	9		SPIO021	02	KKTC10	01	3	TT3	B3		12B		E02
62178		XA120	22			XA115	30				16B	9		SPIO021	03		01	1	TT3	B1		12A		A01
60668		XA115	30			XA120	03				16B	9		SPIO021	04		01	1	TD4	C2		15A		A01
62180		XA120	03			XA120	09				16B	9		SPIO021	05		01	2	TT3	A2		02A		
62181		XA120	09			XA119	13				16B	9		SPIO021	06		01	1	TT3	A3		04B		
62182		XA119	13			XA118	10				16B	9		SPIO021	07	KKTC1A	01	2	TQ2	A4		06B		E02
62183		XA118	10			XA117	10				16B	9		SPIO021	08		01	1	TDD	AN		07A		
62184		XA117	10			XA118	17				16B	9		SPIO021	09		01	1	TDD	AN		07A		
62185		XA118	17			XA116	25				16B	9		SPIO021	10	KDEVIQ	01	1	TDD	DQ		08B		
62186		XA116	25			XA116	17				16B	9		SPIO021	11		01	4	MUX	B1		12B		
62187		XA116	17			XA115	18				16B	9		SPIO021	12		01	8	MUX	A1		08B		
62188		XA115	18			XA114	10				16B	9		SPIO021	13	KBSY0A	01	2	TD4	B2		10A		
62189		XA114	10			XA113	13				16B	9		SPIO021	14	KXSS0A	01	7	TS8	A1		07A		
62190		XA113	13			XA113	25				16B	9		SPIO021	15	KAEBRA	01	8	TS8	A1		06B		
62191		XA113	25			XA113	38				16B	9		SPIO021	16	KA0ERA	01	7	TS8	B1		12B		
62192		XA113	38			XA113	77				16B	9		SPIO021	17	KAEN2A	01	6	TS8	C1		18A		E02
62194		XA113	77			XA114	77				16B	9		SPIO021	19	KINT10	01	6	TS8	F1		38B		
62195		XA114	77			XA114	68				16B	9		SPIO021	20	KIENOA	01	6	TS8	F1		38B		
62196		XA114	68			XA115	61				16B	9		SPIO021	21	KSMCOA	01	7	TS8	F1		32A		
62197		XA115	61			XA115	64				16B	9		SPIO021	22		01	1	TD4	E1		32B		
62198		XA115	64			XA115	48				16B	9		SPIO021	23		01	4	TD4	E2		30A		
62199		XA115	48			XA115	52				16B	9		SPIO021	24		01	3	TD4	D2		22A		
62200		XA115	52			XA117	53				16B	9		SPIO021	25		01	2	TD4	D1		24A		
62201		XA117	53			XA117	56				16B	9		SPIO021	26	KIEN0Q	01	1	TDD	KQ		28B		
62202		XA117	56			XA117	42				16B	9		SPIO021	27		01	1	TDD	GN		26A		
62203		XA117	42			XA118	42				16B	9		SPIO021	28	KCDERN	01	1	TDD	EN		20A		
62204		XA118	42			XA118	56				16B	9		SPIO021	29	KPE0RN	01	1	TDD	EN		20A		
62205		XA118	56			XA120	57				16B	9		SPIO021	30		01	1	TDD	GN		26A		
62206		XA120	57											SPIO021	31		01	1	TT3	E3		30B		
42015		XA246	52			XA220	50				16B	9		SPIO022	01				RR4	E1				
42016		XA220	50			XA222	50				16B	9		SPIO022	02	LAE04P	01	1	TDD	HP		23A		
42017		XA222	50			XA221	50				16B	9		SPIO022	03	LAE02P	01	1	TDD	HP		23A		
42018		XA221	50			XA221	64				16B	9		SPIO022	04	LAE03P	01	1	TDD	HP		23A		
42019		XA221	64			XA220	62				16B	9		SPIO022	05	LAE14P	01	1	TDD	KP		30A		
													****	SIGNAL	(SPIO022)	IS ON THE	NEXT PAGE	****						

H78-14 502
DRAWING NUMBER
UNIT ASSEMBLY NAME

149016-800 STRING
CARD CAGE ASSY, A, IFCU

UNIT ASSEMBLY NO. 149016
FILE IDENT T39C1FC6

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DATE 09-03-82 PAGE 150

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	PIH	DIPO	PREFIX	CONNECTOR	PIH	DIPO	MULTI GROUP	CODE	COLOR	IDENT												SPEC INST ASSC	
01254		XA413	64			XA414	64				16B	9		SPIO02	13	TC90BP	01	1	TDD	KP		30A			
01255		XA414	64			XA416	50				16B	9		SPIO02	14	TC91BP	01	1	TDD	KP		30A			
01256		XA416	50			XA415	50				16B	9		SPIO02	15	TC73BP	01	1	TDD	HP		23A			
01257		XA415	50			XA415	53				16B	9		SPIO02	16	TC72BP	01	1	TDD	HP		23A			
01258		XA415	53			XA414	50				16B	9		SPIO02	17	TCSD2Q	01	1	TDD	KQ		28B			
01259		XA414	50			XA413	50				16B	9		SPIO02	18	TC71BP	01	1	TDD	HP		23A			
01260		XA413	50			XA413	36				16B	9		SPIO02	19	TC70BP	01	1	TDD	HP		23A			
01261		XA413	36			XA414	36				16B	9		SPIO02	20	TC503P	01	1	TDD	FP		17A			
01262		XA414	36			XA415	36				16B	9		SPIO02	21	TC518P	01	1	TDD	FP		17A			
01263		XA415	36			XA416	36				16B	9		SPIO02	22	TC528P	01	1	TDD	FP		17A			
01264		XA416	36			XA427	71				16B	9		SPIO02	23	TC538P	01	1	TDD	FP		17A	B02		
01420		XA427	71			XA442	37				16B	9		SPIO02	23C		01	1	DBC	E1		33B	B02		
01265		XA442	37											SPIO02	24				RR4	D4					
62176		XA144	39			XA120	25				16B	9		SPIO021	01			RR4	D5						
62177		XA120	25			XA120	22				16B	9		SPIO021	02	KKTC10	01	3	TT3	B3		12B		E02	
62178		XA120	22			XA115	30				16B	9		SPIO021	03		01	1	TT3	B1		12A		A01	
60668		XA115	30			XA120	03				16B	9		SPIO021	04		01	1	TD4	C2		15A		A01	
62180		XA120	03			XA120	09				16B	9		SPIO021	05		01	2	TT3	A2		02A			
62181		XA120	09			XA119	13				16B	9		SPIO021	06		01	1	TT3	A3		04B			
62182		XA119	13			XA118	10				16B	9		SPIO021	07	KKTC1A	01	2	TQ2	A4		06B		E02	
62183		XA118	10			XA117	10				16B	9		SPIO021	08		01	1	TDD	AN		07A			
62184		XA117	10			XA118	17				16B	9		SPIO021	09		01	1	TDD	AN		07A			
62185		XA118	17			XA116	25				16B	9		SPIO021	10	KDEVIQ	01	1	TDD	DQ		08B			
62186		XA116	25			XA116	17				16B	9		SPIO021	11		01	4	MUX	B1		12B			
62187		XA116	17			XA115	18				16B	9		SPIO021	12		01	8	MUX	A1		08B			
62188		XA115	18			XA114	10				16B	9		SPIO021	13	KBSY0A	01	2	TD4	B2		10A			
62189		XA114	10			XA113	13				16B	9		SPIO021	14	KXSS0A	01	7	TS8	A1		07A			
62190		XA113	13			XA113	25				16B	9		SPIO021	15	KAEBRA	01	8	TS8	A1		06B			
62191		XA113	25			XA113	38				16B	9		SPIO021	16	KA0ERA	01	7	TS8	B1		12B			
62192		XA113	38			XA113	77				16B	9		SPIO021	17	KAEN2A	01	6	TS8	C1		18A		E02	
62194		XA113	77			XA114	77				16B	9		SPIO021	19	KINT10	01	6	TS8	F1		38B			
62195		XA114	77			XA114	68				16B	9		SPIO021	20	KIENOA	01	6	TS8	F1		38B			
62196		XA114	68			XA115	61				16B	9		SPIO021	21	KSMCOA	01	7	TS8	F1		32A			
62197		XA115	61			XA115	64				16B	9		SPIO021	22		01	1	TD4	E1		32B			
62198		XA115	64			XA115	48				16B	9		SPIO021	23		01	4	TD4	E2		30A			
62199		XA115	48			XA115	52				16B	9		SPIO021	24		01	3	TD4	D2		22A			
62200		XA115	52			XA117	53				16B	9		SPIO021	25		01	2	TD4	D1		24A			
62201		XA117	53			XA117	56				16B	9		SPIO021	26	KIEN0Q	01	1	TDD	KQ		28B			
62202		XA117	56			XA117	42				16B	9		SPIO021	27		01	1	TDD	GN		26A			
62203		XA117	42			XA118	42				16B	9		SPIO021	28	KCDERN	01	1	TDD	EN		20A			
62204		XA118	42			XA118	56				16B	9		SPIO021	29	KPE0RN	01	1	TDD	EN		20A			
62205		XA118	56			XA120	57				16B	9		SPIO021	30		01	1	TDD	GN		26A			
62206		XA120	57											SPIO021	31		01	1	TT3	E3		30B			
42015		XA246	52			XA220	50				16B	9		SPIO022	01				RR4	E1					
42016		XA220	50			XA222	50				16B	9		SPIO022	02	LAE04P	01	1	TDD	HP		23A			
42017		XA222	50			XA221	50				16B	9		SPIO022	03	LAE02P	01	1	TDD	HP		23A			
42018		XA221	50			XA221	64				16B	9		SPIO022	04	LAE03P	01	1	TDD	HP		23A			
42019		XA221	64			XA220	62				16B	9		SPIO022	05	LAE14P	01	1	TDD	KP		30A			
**** SIGNAL (SPIO022) IS ON THE NEXT PAGE ****																									

H78-14 503
DRAWING NUMBER
UNIT ASSEMBLY NAME

149016-800 STRING
CARD CAGE ASSY, A, IFCU

UNIT ASSEMBLY NO. 149016
FILE IDENT T39C1FC6

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DATE 09-03-82 PAGE 151

RECORD NUMBER	FROM				TO				WIRE				SIGNAL	SEQ NO	EQUATION	TERM	FACTOR	CKT OR CHIP TYPE	GROUP	LOAD OR POWER PLANE	TEST POINTS AND/OR	SIGNAL DESCRIPTION	ECO NO
	PREFIX	CONNECTOR	PIN	IR	PREF.X	CONNECTOR	PIN	IR	MULTI GROUP	CODE	COLOR	IDEN1											
42020		XA220	62		XA217	73				16B	9		SPIO022	06	LAENC I	01	1	TDD	KI		29A		
42021		XA217	73		XA218	71				16B	9		SPIO022	07		01	3	TS8	F1		36B		
42022		XA218	71		XA217	66				16B	9		SPIO022	08		01	1	TD4	F2		36A		
42023		XA217	66		XA218	68				16B	9		SPIO022	09	LSNCOA	01	6	TS8	E1		31A		
42024		XA218	68		XA218	62				16B	9		SPIO022	10		01	3	TD4	E1		32A		
42025		XA218	62		XA218	56				16B	9		SPIO022	11		01	3	TD4	E2		29A		
42026		XA218	56		XA219	47				16B	9		SPIO022	12		01	4	TD4	D1		26A		
42027		XA219	47		XA218	48				16B	9		SPIO022	13		01	7	MUX	C1		23A		
42028		XA218	48		XA218	42				16B	9		SPIO022	14		01	3	TD4	D2		22A		
42029		XA218	42		XA218	34				16B	9		SPIO022	15		01	4	TD4	C1		20A		
42030		XA218	34		XA219	33				16B	9		SPIO022	16		01	3	TD4	C2		16A		
42031		XA219	33		XA220	29				16B	9		SPIO022	17		01	8	MUX	B1		16A		
42032		XA220	29		XA220	29				16B	9		SPIO022	18	LK17BQ	01	1	TDD	FQ		14B		
42033		XA220	26		XA221	26				16B	9		SPIO022	19		01	1	TDD	CN		14A		
42034		XA221	29		XA222	29				16B	9		SPIO022	20	LK16BQ	01	1	TDD	FQ		14B		
42035		XA222	29		XA221	26				16B	9		SPIO022	21	LK11BQ	01	1	TDD	FQ		14B		
42036		XA221	26		XA222	26				16B	9		SPIO022	22		01	1	TDD	CN		14A		
42037		XA222	26		XA222	10				16B	9		SPIO022	23		01	1	TDD	CN		14A		
42038		XA222	10		XA221	10				16B	9		SPIO022	24	LPFLT N	01	1	TDD	AN		07A		
42039		XA221	10		XA220	10				16B	9		SPIO022	25	LPRTON	01	1	TDD	AN		07A		
42040		XA220	10		XA219	03				16B	9		SPIO022	26	LCDERN	01	1	TDD	AN		07A		
42041		XA219	03		XA217	13				16B	9		SPIO022	27		01	1	MUX	A1		02B		
42042		XA217	13		XA217	25				16B	9		SPIO022	28	LXSSOA	01	8	TS8	A1		06B		
42043		XA217	25										SPIO022	29	LPDSCA	01	7	TS8	B1		12B		
01267		XA416	53		XA417	53				16B	9		SPIO03	02	TX1MAQ	01	1	TDD	KQ		28B		
01268		XA417	53		XA418	56				16B	9		SPIO03	03	TX1MBQ	01	1	TDD	KQ		28B		
01269		XA418	56		XA421	50				16B	9		SPIO03	04	TSYN1A	01	8	TS8	D1		26A		
01270		XA421	50		XA422	41				16B	9		SPIO03	05	TADSW1X	01	8	MUX	C1		24A	D01	
01271		XA422	41		XA423	41				16B	9		SPIO03	06	TADSX1X	01	4	MUX	C1		19B	D01	
01272		XA423	41		XA424	50				16B	9		SPIO03	07	URDYX1X	01	4	MUX	C1		19B	D01	
01273		XA424	50		XA442	39				16B	9		SPIO03	08	UFPRX1X	01	8	MUX	C1		24A	D01	
01274		XA442	39		XA438	60				16B	9		SPIO03	09									
01275		XA438	60		XA438	48				16B	9		SPIO03	10	TWDDEPR	01	7	PAR	E1		29A		
01276		XA438	48		XA437	24				16B	9		SPIO03	11		01	7	PAR	O1		22A	B08	
01278		XA437	24		XA436	10				16B	9		SPIO03	13	TXRS00	01	6	TS8	B1		13A	A01	
07878		XA436	10		XA427	77				16B	9		SPIO03	14		01	1	TDD	AN		07A	A01	
01281		XA427	77		XA526	05				16B	9		SPIO03	16		01	4	DBC	E1		36B		
01282		XA526	05		XA526	18				16B	9		SPIO03	17	TS23BI	01	1	TDD	BI		03B		
01283		XA526	18		XA526	34				16B	9		SPIO03	18	TS31BI	01	1	TDD	DI		10A		
01284		XA526	34		XA526	48				16B	9		SPIO03	19	TS29CI	01	1	TDD	FI		16A		
01285		XA526	48		XA521	38				16B	9		SPIO03	20	TS31CI	01	1	TDD	HT		22A		
01286		XA521	38		XA514	04				16B	9		SPIO03	21	TRWCOA	01	6	TS8	C1		18A	E03	
06654		XA514	04		XA513	20				16B	9		SPIO03	23		01	1	TDD	BP		04A	E01	
05124		XA513	20		XA507	78				16B	9		SPIO03	24		01	1	TDD	DP		11A	E01	
01290		XA507	78		XA504	77				16B	9		SPIO03	25	TREN2R	01	7	TS8	F1		38A		
01291		XA504	77		XA504	66				16B	9		SPIO03	26	TREQ0A	01	6	TS8	F1		38B		
01292		XA504	66		XA503	42				16B	9		SPIO03	27	TWR11A	01	6	TS8	F1		31A		
01293		XA503	42		XA502	38				16B	9		SPIO03	28	TRT0PA	01	8	TS8	C1		20A		
01294		XA502	38		XA503	24				16B	9		SPIO03	29	TSNCOA	01	6	TS8	C1		18A		
										****		SIGNAL	SPIO03		IS ON THE						****		

H78-14 505
DRAWING NUMBER
UNIT ASSEMBLY NAME

149016-800 STRING
CARD CAGE ASSY, A, IFCU

UNIT ASSEMBLY NO. 149016
FILE IDENT T39C1FC6

REV E INDEX SPIO032
DATE 09-03-82 PAGE 153

RECORD NUMBER	FROM				TO				WIRE				SIGNAL	SEQ NO	EQUATION	TERM	FACTOR	CKT OR CHIP TYPE	GROUP	LOAD OR POWER PLANE	TEST POINTS AND/OR	SIGNAL DESCRIPTION	E.O. NO
	PREFIX	CONNECTOR	PIN	SH TS	PREFIX	CONNECTOR	PIN	SH TS	MULTI GROUP	CODE	COLOR	IDENT											
42062		XA218	64		XA218	54				168	9		SPI0032	19		01	4	TD4	E2		30A		
42063		XA218	54		XA218	40				168	9		SPI0032	20		01	3	TD4	D1		25A		
42064		XA218	40		XA218	43				168	9		SPI0032	21		01	3	TD4	C1		19A		
42065		XA218	43		XA218	31				168	9		SPI0032	22		01	1	TD4	D2		23B		
42066		XA218	31		XA219	29				168	9		SPI0032	23		01	2	TD4	C2		15B		
42067		XA219	29		XA220	22				168	9		SPI0032	24		01	5	MUX	B1		13B		
42068		XA220	22		XA221	22				168	9		SPI0032	25		01	1	TDD	CP		12A		
42069		XA221	22		XA222	22				168	9		SPI0032	26		01	1	TDD	CP		12A		
42070		XA222	22		XA222	04				168	9		SPI0032	27		01	1	TDD	CP		12A		
42071		XA222	04		XA221	03				168	9		SPI0032	28	LDMNDP	01	1	TDD	BP		04A		
42072		XA221	03		XA219	07				168	9		SPI0032	29	LLPT1Q	01	1	TDD	B0		02A		
42073		XA219	07										SPI0032	30		01	3	MUX	A1		04B		
01301		XA411	79		XA411	73				168	9		SPI004	01	TSCP30	01	2	TQ2	F1		39B		
01302		XA411	73		XA411	74				168	9		SPI004	02	TSCQ30	01	2	TQ2	F2		36B		
01303		XA411	74		XA411	78				168	9		SPI004	03	TSCR30	01	2	TQ2	F3		35B		
01304		XA411	78		XA412	79				168	9		SPI004	04	TSCS30	01	2	TQ2	F4		38A		
01305		XA412	79		XA413	80				168	9		SPI004	05	TKA010	01	2	TQ2	F1		39B		
01306		XA413	80		XA413	66				168	9		SPI004	06	TREWIQ	01	1	TDD	LQ		39A		
01307		XA413	66		XA412	70				168	9		SPI004	07	TC80BP	01	1	TDD	JP		31A		
01308		XA412	70		XA412	61				168	9		SPI004	08	TRTDC0	01	2	TQ2	E1		33A		
01309		XA412	61		XA412	64				168	9		SPI004	09	TRTD30	01	2	TQ2	F4		32B		
01310		XA412	64		XA412	56				168	9		SPI004	10	TRTD10	01	2	TQ2	E2		30A		
01311		XA412	56		XA412	55				168	9		SPI004	11	TROCCA	01	2	TQ2	D1		26A		
01312		XA412	55		XA412	49				168	9		SPI004	12	TRTD20	01	2	TQ2	E3		29B		
01313		XA412	49		XA412	50				168	9		SPI004	13	TCILK0	01	2	TQ2	D4		26B		
01314		XA412	50		XA412	42				168	9		SPI004	14	TRDCDA	01	2	TQ2	D2		23A		
01315		XA412	42		XA412	36				168	9		SPI004	15	TCRS7A	01	2	TQ2	C1		20A		
01316		XA412	36		XA412	31				168	9		SPI004	16	TCZR00	01	2	TQ2	C2		17A		
01317		XA412	31		XA412	25				168	9		SPI004	17	TCZR10	01	2	TQ2	C3		15B		
01318		XA412	25		XA412	26				168	9		SPI004	18	TCRS2A	01	2	TQ2	B4		12B		
01319		XA412	26		XA412	20				168	9		SPI004	19	TCCP80	01	2	TQ2	B1		14A		
01320		XA412	20		XA412	19				168	9		SPI004	20	TCRS0A	01	2	TQ2	B2		11A		
01321		XA412	19		XA412	05				168	9		SPI004	21	TCRS1A	01	2	TQ2	B3		09B		
01322		XA412	05		XA412	07				168	9		SPI004	22	TCCP30	01	2	TQ2	A2		03B		
01323		XA412	07		XA412	10				168	9		SPI004	23	TCCP50	01	2	TQ2	A3		03A		
01324		XA412	10		XA413	06				168	9		SPI004	24	TCCP10	01	2	TQ2	A1		07A		
01325		XA413	06		XA414	06				168	9		SPI004	25	TC00BP	01	1	TDD	AP		05A		
01326		XA414	06		XA413	22				168	9		SPI004	26	TC01BP	01	1	TDD	AP		05A		
01327		XA413	22		XA413	38				168	9		SPI004	27	TC20BP	01	1	TDD	CP		12A		
01328		XA413	38		XA413	52				168	9		SPI004	28	TC40BP	01	1	TDD	EP		18A		
01329		XA413	52		XA420	30				168	9		SPI004	29	TC60BP	01	1	TDD	GP		24A		
02597		XA420	30		XA427	69				168	9		SPI004	30				DSC					
01421		XA427	69		XA442	52				168	9		SPI004	30C		01	1	DBC	E2		32A	8.02	
01330		XA442	52										SPI004	31				RR4	E1			8.02	
62241		XA144	48		XA142	73				168	9		SPI0041	03				RR4	E2				
62242		XA142	73		XA134	43				168	9		SPI0041	04	KX8SLOX	01	1	DCF	D4		35B		
62245		XA134	43		XA133	45				168	9		SPI0041	07	KK048IU	01	3	DBC	C1		22B		
62246		XA133	45		XA129	29				168	9		SPI0041	08	KK038IU	01	4	DBC	C1		23B		
										****		SIGNAL	(SPI0041)		IS ON THE			NEXT PAGE	****				

H78-14 507
DRAWING NUMBER
UNIT ASSEMBLY NAME

149016-800 STRING
CARD CAGE ASSY, A, IFCU

UNIT ASSEMBLY NO. 149016
FILE IDENT T39C1FC6

REV E INDEX SPIO05
DATE 09-03-82 PAGE 155

RECORD NUMBER	FROM				TO				WIRE			SIGNAL	SEQ NO	EQUATION	TERM	FACTOR	CAT OR CHIP TYPE	GROUP	LOAD OR POWER PLANE	TEST POINTS AND/OR	SIGNAL DESCRIPTION	ECO NO
	PREFIX	CONNECTOR	PIN	PLT	PREFIX	CONNECTOR	PIN	PLT	MLT/ GROUP	CODE	COLOR											
01340		XA415	38		XA416	38			168	9		SPI005	10	TC42BP	01	1	TDD	EP		18A		
01341		XA416	38		XA417	38			168	9		SPI005	11	TC43BP	01	1	TDD	EP		18A		
01342		XA417	38		XA417	52			168	9		SPI005	12	TC44BP	01	1	TDD	EP		18A		
01343		XA417	52		XA416	52			168	9		SPI005	13	TC64BP	01	1	TDD	GP		24A		
01344		XA416	52		XA415	52			168	9		SPI005	14	TC63BP	01	1	TDD	GP		24A		
01345		XA415	52		XA414	52			168	9		SPI005	15	TC62BP	01	1	TDD	GP		24A		
01346		XA414	52		XA414	66			168	9		SPI005	16	TC61BP	01	1	TDD	GP		24A		
01347		XA414	66		XA414	65			168	9		SPI005	17	TC81BP	01	1	TDD	JP		31A		
01348		XA414	65		XA415	66			168	9		SPI005	18	TLPT1Q	01	1	TDD	MQ		34B		
01349		XA415	66		XA416	65			168	9		SPI005	19	TC82BP	01	1	TDD	JP		31A		
01350		XA416	65		XA416	66			168	9		SPI005	20	TLPT3Q	01	1	TDD	MQ		34B		
01351		XA416	66		XA417	73			168	9		SPI005	21	TC83BP	01	1	TDD	JP		31A	A03	
03756		XA417	73		XA417	77			168	9		SPI005	22	TC84BP	01	1	TDD	MP		36B	A03	
01353		XA417	77		XA420	49			168	9		SPI005	23	TCSD0I	01	1	TDD	LI		38B		
02514		XA420	49		XA427	79			168	9		SPI005	24				OSC				B02	
01419		XA427	79		XA442	48			168	9		SPI005	24C		01	1	DBC	E3		37B	B02	
01354		XA442	48									SPI005	25				RR4	E2			B02	
62264		XA144	47		XA134	41			168	9		SPI0051	01				RR4	E3				
62269		XA134	41		XA133	43			168	9		SPI0051	06	KK04B1U	01	2	DBC	C1		19B		
62270		XA133	43		XA128	41			168	9		SPI0051	07	KK03B1U	01	3	DBC	C1		22B		
62271		XA128	41		XA118	48			168	9		SPI0051	08	KK00BQ	01	1	TDD	HQ		22B	B02	
62272		XA118	48		XA117	48			168	9		SPI0051	09		01	1	TDD	HI		22A		
62273		XA117	48		XA117	36			168	9		SPI0051	10		01	1	TDD	HI		22A		
62274		XA117	36		XA116	33			168	9		SPI0051	11		01	1	TDD	FP		17A		
62275		XA116	33		XA116	09			168	9		SPI0051	12		01	8	MUX	B1		16A		
62276		XA116	09		XA118	03			168	9		SPI0051	13		01	4	MUX	A1		05B		
62277		XA118	03		XA115	36			168	9		SPI0051	14	KLPT1Q	01	1	TDD	BQ		02A	E02	
60902		XA115	36									SPI0051	16		01	4	TD4	C2		17A	A01	
42100		XA246	45		XA237	62			168	9		SPI0052	01				RR4	E4				
62266		XA237	62		XA237	70			168	9		SPI0052	03		01	6	PAR	F1		30A		
62265		XA237	70		XA234	53			168	9		SPI0052	05		01	8	PAR	F1		34A		
42105		XA234	53		XA235	53			168	9		SPI0052	06	LK12B1U	01	1	DBC	D1		26B		
42106		XA235	53		XA234	50			168	9		SPI0052	07	LK18B1U	01	1	DBC	D1		26B		
42107		XA234	50		XA235	39			168	9		SPI0052	08	LK03B1U	01	5	DBC	C1		24A		
42108		XA235	39		XA229	41			168	9		SPI0052	09	LK06B1U	01	1	DBC	C1		18B		
42109		XA229	41		XA222	18			168	9		SPI0052	10		01	1	TDD	HQ		22B		
42110		XA222	18		XA221	18			168	9		SPI0052	11		01	1	TDD	DI		10A		
42111		XA221	18		XA220	18			168	9		SPI0052	12		01	1	TDD	DI		10A		
42112		XA220	18		XA219	15			168	9		SPI0052	13		01	1	TDD	DI		10A		
42113		XA219	15		XA219	19			168	9		SPI0052	14		01	6	MUX	A1		07B		
42114		XA219	19		XA219	37			168	9		SPI0052	15		01	1	MUX	B1		09B		
42115		XA219	37		XA217	74			168	9		SPI0052	16		01	2	MUX	C1		17B		
42116		XA217	74									SPI0052	17		01	4	TS8	F1		35B		
01355		XA442	47		XA434	41			168	9		SPI006	01				RR4	E3			B02	
01358		XA434	41		XA436	08			168	9		SPI006	04	TXIR1Q	01	1	TDD	HQ		22B	A01	
07259		XA436	08		XA435	03			168	9		SPI006	05		01	1	TDD	AI		06A		
01360		XA435	03		XA434	03			168	9		SPI006	06	TXXA3Q	01	1	TDD	BQ		02A	A01	
									****	SIGNAL		(SPI006		IS ON THE								****

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DRAWING NUMBER 149016-800 STRING UNIT ASSEMBLY NO. 149016 REV E INDEX SPIO06
 UNIT ASSEMBLY NAME CARD CAGE ASSY, A, IFCU FILE IDENT T39C1FC6 DATE 09-03-82 PAGE 156

RECORD NUMBER	FROM				TO				WIRE				SIGNAL	SEQ NO	EQUATION	TERM	FACTOR	CKT OR CHIP TYPE	GROUP	LOAD OR POWER PLANE	TEST POINTS AND/OR	SIGNAL DESCRIPTION	ECO NO
	PREFIX	CONNECTOR	PIN	WIRE	PREFIX	CONNECTOR	PIN	WIRE	MULTI GROUP	CODE	CO. OR	IDENT											
01361		XA434	03		XA434	17		168	9				SPIO06	07	TXXA2Q	01	1	TDD	BQ		02A		
01362		XA434	17		XA435	17		168	9				SPIO06	08	TXXC2Q	01	1	TDD	DQ		08B		
01363		XA435	17		XA437	25		168	9				SPIO06	09	TXXC3Q	01	1	TDD	DQ		08B		
01364		XA437	25		XA437	40		168	9				SPIO06	10	TXRSQ0	01	7	TS8	B1		12B		
01365		XA437	40		XA437	70		168	9				SPIO06	11	TXDV1A	01	7	TS8	C1		19A		
01366		XA437	70		XA437	78		168	9				SPIO06	12	TXSS0A	01	8	TS8	F1		33A		
01367		XA437	78		XA435	80		168	9				SPIO06	13	TDRSCA	01	7	TS8	F1		38A		
01368		XA435	80		XA436	71		168	9				SPIO06	14	TXST1Q	01	1	TDD	LQ		39A		
01369		XA436	71		XA427	73		168	9				SPIO06	15	TXXAC1	01	1	TDD	MI		36A		
01372		XA427	73		XA425	71		168	9				SPIO06	18		01	2	DBC	F1		34B		
01373		XA425	71		XA425	53		168	9				SPIO06	19	TREOCI	01	1	TDD	MI		38A		
01374		XA425	53		XA425	17		168	9				SPIO06	20	TREDBQ	01	1	TDD	KQ		28B		
01375		XA425	17		XA425	29		168	9				SPIO06	21	TSPAFO	01	1	TDD	DQ		08B		
01376		XA425	29		XA425	41		168	9				SPIO06	22	TWRIFQ	01	1	TDD	FQ		14B		
01377		XA425	41		XA424	41		168	9				SPIO06	23	TWRITQ	01	1	TDD	HQ		22B		
01378		XA424	41		XA423	47		168	9				SPIO06	24	UFPRX1X	01	4	MUX	C1		15B	D01	
01379		XA423	47		XA422	45		168	9				SPIO06	25	URDY1X1	01	7	MUX	C1		23A	D01	
01380		XA422	45		XA421	47		168	9				SPIO06	26	TADSX1X	01	6	MUX	C1		23B	D01	
01381		XA421	47		XA420	55		168	9				SPIO06	27	TADSW1X	01	7	MUX	C1		23A	D01	
02620		XA420	55		XA418	52		168	9				SPIO06	275				OSC					
01382		XA418	52		XA417	50		168	9				SPIO06	28	TSYN1A	01	6	TS8	D1		24A		
01383		XA417	50		XA417	64		168	9				SPIO06	29	TC74BP	01	1	TDD	HP		23A		
01384		XA417	64		XA417	63		168	9				SPIO06	30	TX1MBP	01	1	TDD	KP		30A	A03	
03752		XA417	63		XA416	64		168	9				SPIO06	31	TCSD1Q	01	1	TDD	JQ		33B	A03	
01386		XA416	64		XA417	36		168	9				SPIO06	32	TX1MAP	01	1	TDD	KP		30A		
01387		XA417	36		XA417	20		168	9				SPIO06	33	TC54BP	01	1	TDD	EP		17A		
01388		XA417	20		XA417	04		168	9				SPIO06	34	TC34BP	01	1	TDD	OP		11A		
01389		XA417	04										SPIO06	35	TC14BP	01	1	TDD	BP		04A		
62279		XA144	45		XA142	74		168	9				SPIO061	01				RR4	F4				
62280		XA142	74		XA116	05		168	9				SPIO061	02	KXPRS0X	01	1	DCF	D6		37A		
62285		XA116	05		XA116	19		168	9				SPIO061	07		01	2	MUX	A1		03B		
62286		XA116	19		XA117	29		168	9				SPIO061	08		01	1	MUX	B1		09B		
62287		XA117	29		XA118	46		168	9				SPIO061	09		01	1	TDD	FQ		14B		
62288		XA118	46		XA117	46		168	9				SPIO061	10		01	1	TDD	HN		21A		
62289		XA117	46										SPIO061	11		01	1	TDD	HN		21A	E02	
42117		XA217	77		XA219	45		168	9				SPIO062	01		01	6	TS8	F1		38B		
42118		XA219	45		XA219	34		168	9				SPIO062	02		01	6	MUX	C1		23B		
42119		XA219	34		XA219	09		168	9				SPIO062	03		01	7	MUX	B1		15B		
42120		XA219	09		XA220	14		168	9				SPIO062	04		01	4	MUX	A1		05B		
42121		XA220	14		XA221	14		168	9				SPIO062	05		01	1	TDD	DN		09A		
42122		XA221	14		XA222	14		168	9				SPIO062	06		01	1	TDD	DN		09A		
42123		XA222	14		XA237	60		168	9				SPIO062	07		01	1	TDD	DN		09A		
62282		XA237	60		XA237	72		168	9				SPIO062	09		01	7	PAR	E1		29A		
62281		XA237	72		XA244	74		168	9				SPIO062	10		01	7	PAR	E1		35A		
42128		XA244	74		XA246	41		168	9				SPIO062	12	LXPRS0X	01	1	DCF	D6		37A		
42129		XA246	41										SPIO062	13				RR4	F5				
01390		XA442	45		XA428	42		168	9				SPIO07	01				RR4	F4				
												****	SIGNAL (SPIO07)		IS ON THE NEXT PAGE						****		

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DRAWING NUMBER
UNIT ASSEMBLY NAME

149016-800 STRING
CARD CAGE ASSY, A, IFCU

UNIT ASSEMBLY NO. 149016
FILE IDENT T39C1FC6

REV E INDEX SPIO82
DATE 09-03-82 PAGE 159

RECORD NUMBER	FROM			TO			WIRE				SIGNAL	SEQ NO	EQUATION	TERM	FAC TO	CKT OR CHIP TYPE	GROUP	LOAD OR POWER PLANE	TEST POINTS AND OR	SIGNAL DESCRIPTION	ECO NO	
	PREFIX	CONNECTOR	PIN	SHT	PREFIX	CONNECTOR	PIN	SHT	MULTI GROUP	CODE												COLOR
01461		XA442	62		XA438	49			168	9												
01462		XA438	49		XA436	15			168	9				01 4	RR4	F1						
07895		XA436	15		XA427	75			168	9				01 1	TDD	A0			26B		A01	
01464		XA427	75		XA514	71			168	9				01 3	DBC	E1			07B		A01	
01466		XA514	71		XA513	71			168	9				01 1	TDD	MI			35B		E03	
01467		XA513	71		XA502	05			168	9				01 1	TDD	MI			36A			
05402		XA502	05						168	9			TRUNAR	01 3	TS8	A1			36A		D01	
																			03B		D01	
62312		XA144	56		XA116	10			168	9					RR4	F2						
62317		XA116	10		XA116	27			168	9				01 2	MUX	A2			05A			
62318		XA116	27											01 1	MUX	B2			14A			
42155		XA219	42		XA219	26			168	9				01 2	MUX	C2			20A			
42156		XA219	26		XA219	08			168	9				01 2	MUX	B2			13A			
42157		XA219	08		XA237	79			168	9				01 3	MUX	A2			04A			
62313		XA237	79		XA237	59			168	9				02 1	PAR	F1			39B			
62314		XA237	59		XA246	55			168	9				01 2	PAR	E1			30B			
42162		XA246	55												RR4	F3						
01468		XA442	56		XA432	10			168	9					RR4	F2						
01469		XA432	10		XA432	05			168	9				01 2	TQ2	A1			07A			
01470		XA432	05		XA432	07			168	9				01 2	TQ2	A2			03B			
01471		XA432	07		XA432	13			168	9				01 2	TQ2	A3			03A			
01472		XA432	13		XA434	15			168	9				01 2	TQ2	A4			06B			
01473		XA434	15		XA434	29			168	9				01 1	TDD	A0			07B		A03	
01463		XA434	29		XA432	26			168	9				01 1	TDD	FQ			14B		A03	
01475		XA432	26		XA432	31			168	9				01 2	TQ2	B1			14A			
01477		XA432	31		XA432	36			168	9				01 2	TQ2	C3			15B		B02	
01479		XA432	36		XA432	42			168	9				01 2	TQ2	C2			17A			
01480		XA432	42		XA432	50			168	9				01 2	TQ2	C1			20A			
01481		XA432	50		XA432	55			168	9				01 2	TQ2	D2			23A			
01482		XA432	55		XA432	61			168	9				01 2	TQ2	E3			29B			
01483		XA432	61		XA432	64			168	9				01 2	TQ2	E4			32B			
01484		XA432	64		XA433	74			168	9				01 2	TQ2	E2			30A			
01485		XA433	74		XA432	79			168	9				01 4	TD4	F2			35B		E03	
01486		XA432	79		XA432	78			168	9				01 2	TQ2	F1			39B			
01487		XA432	78		XA432	74			168	9				01 2	TQ2	F4			38A			
01488		XA432	74		XA432	73			168	9				01 2	TQ2	F3			35B			
01489		XA432	73		XA428	73			168	9				01 2	TQ2	F2			36B			
01490		XA428	73		XA428	79			168	9				01 2	TQ2	F2			36B			
01491		XA428	79		XA428	78			168	9				01 2	TQ2	F1			39B			
01492		XA428	78		XA428	74			168	9				01 2	TQ2	F4			38A			
01493		XA428	74		XA428	70			168	9				01 2	TQ2	F3			35B			
01494		XA428	70		XA428	56			168	9				01 2	TQ2	F1			33A			
01496		XA428	56		XA428	50			168	9				01 2	TQ2	D1			26A		E01	
01497		XA428	50		XA428	49			168	9				01 2	TQ2	D2			23A			
01498		XA428	49		XA428	43			168	9				01 2	TQ2	D4			26B			
01499		XA428	43		XA428	37			168	9				01 2	TQ2	D3			23B			
									****	SIGNAL		SPIO10										IS ON THE NEXT PAGE ****

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DRAWING NUMBER 149016-800 STRING UNIT ASSEMBLY NO. 149016 REV E INDEX SPIO10
 UNIT ASSEMBLY NAME CARD CAGE ASSY, A, IFCU FILE IDENT T39C1FC6 DATE 09-03-82 PAGE 160

RECORD NUMBER	FROM			TO			WIRE			SIGNAL	SEC NO	EQUATION	TERM	FACTOR	CKT OR CHIP TYPE	GROUP	LOAD OR POWER PLANE	TEST POINTS AND OR	SIGNAL DESCRIPTION	ECO NO
	PREFIX	CONNECTOR	PIN	PREFIX	CONNECTOR	PIN	MULTI GROUP	CODE	COLOR											
01500		XA428	37		XA428	36		168	9		SPIO10	33	TEB3RA	01	2	TQ2	C4	18B		
01501		XA428	36		XA428	31		168	9		SPIO10	34	TEB1RA	01	2	TQ2	C2	17A		
01502		XA428	31		XA427	78		168	9		SPIO10	35	TEB2RA	01	2	TQ2	C3	15B		B02
01418		XA427	78								SPIO10	36		01	1	DRC	E4	38A		B02
62319		XA144	55		XA116	30		168	9		SPIO101	01				RR4	E3			
62320		XA116	30		XA116	13		168	9		SPIO101	02		01	4	MUX	B2	15A		
62321		XA116	13								SPIO101	03		01	4	MUX	A2	07A		
42163		XA246	53		XA219	48		168	9		SPIO102	01				RR4	E4			
42164		XA219	48		XA219	27		168	9		SPIO102	02		01	4	MUX	C2	22A		
42165		XA219	27		XA219	10		168	9		SPIO102	03		01	1	MUX	B2	14A		
42166		XA219	10								SPIO102	04		01	2	MUX	A2	05A		
01504		XA435	15		XA435	27		168	9		SPIO11	02	TXXA1Q	01	1	TDD	AQ	07B		
01505		XA435	27		XA435	29		168	9		SPIO11	03	TXXC1Q	01	1	TDD	CQ	13B		
01506		XA435	29		XA436	29		168	9		SPIO11	04	TXXB1Q	01	1	TDD	FQ	14B		
01507		XA436	29		XA436	27		168	9		SPIO11	05	TWRQ4Q	01	1	TDD	FQ	14B		
01508		XA436	27		XA437	26		168	9		SPIO11	06	TXXB0Q	01	1	TDD	CQ	13B		
01509		XA437	26		XA439	31		168	9		SPIO11	07	TXR50Q	01	8	TS8	B1	14A		
01510		XA439	31		XA440	43		168	9		SPIO11	08	TXX05Q	01	2	TQ2	C3	15B		
01511		XA440	43		XA442	55		168	9		SPIO11	09	TXXB0Q	01	2	TQ2	D3	23B		
01512		XA442	55		XA440	56		168	9		SPIO11	10				RR4	F3			
01513		XA440	56		XA440	50		168	9		SPIO11	11	TXXA4Q	01	2	TQ2	D1	26A		
01514		XA440	50		XA440	49		168	9		SPIO11	12	TXXA5Q	01	2	TQ2	D2	23A		
01515		XA440	49		XA439	50		168	9		SPIO11	13	TXXB1Q	01	2	TQ2	D4	26B		
01516		XA439	50		XA439	56		168	9		SPIO11	14	TXDV2Q	01	2	TQ2	D2	23A		
01517		XA439	56		XA439	55		168	9		SPIO11	15	TXDV1Q	01	2	TQ2	D1	26A		
01518		XA439	55		XA438	57		168	9		SPIO11	16	TREW3A	01	2	TQ2	E3	29B		
01519		XA438	57		XA438	47		168	9		SPIO11	17	TWDFPR	01	8	PAR	E1	28A		
01520		XA438	47		XA437	42		168	9		SPIO11	18		01	3	PAR	D1	25B		
01521		XA437	42		XA439	43		168	9		SPIO11	19	TXDV1A	01	8	TS8	C1	20A		
01522		XA439	43		XA439	49		168	9		SPIO11	20	TXDV3Q	01	2	TQ2	D3	23B		
01523		XA439	49		XA439	61		168	9		SPIO11	21	TXDV4Q	01	2	TQ2	D4	26B		
01524		XA439	61		XA439	64		168	9		SPIO11	22	TRDCCQ	01	2	TQ2	E4	32B		
01525		XA439	64		XA439	70		168	9		SPIO11	23	TEB4RA	01	2	TQ2	E2	30A		
01526		XA439	70		XA440	70		168	9		SPIO11	24	TXDEVA	01	2	TQ2	E1	33A		
01527		XA440	70		XA439	73		168	9		SPIO11	25	TXXB2Q	01	2	TQ2	F1	33A		
01528		XA439	73		XA437	68		168	9		SPIO11	26	TXST2A	01	2	TQ2	F2	36B		
01529		XA437	68		XA437	79		168	9		SPIO11	27	TXSSQA	01	7	TS8	F1	32A		
01530		XA437	79		XA436	75		168	9		SPIO11	28	TDRSCA	01	8	TS8	F1	39B		
01531		XA436	75		XA435	75		168	9		SPIO11	29	TXST0P	01	1	TDD	LP	37B		
01532		XA435	75		XA434	80		168	9		SPIO11	30	TXST1P	01	1	TDD	LP	37B		
01533		XA434	80		XA435	53		168	9		SPIO11	31	TXXR2Q	01	1	TDD	LQ	39A		
01534		XA435	53		XA435	51		168	9		SPIO11	32	TXXR0Q	01	1	TDD	KQ	28B		
01535		XA435	51		XA434	51		168	9		SPIO11	33	TXEB1Q	01	1	TDD	GQ	27B		
01536		XA434	51		XA434	39		168	9		SPIO11	34	TXXB2Q	01	1	TDD	GQ	27B		
01537		XA434	39		XA436	53		168	9		SPIO11	35	TXXD0Q	01	1	TDD	FQ	19B		
01538		XA436	53								SPIO11	36	TXXR1Q	01	1	TDD	KQ	28B		
										****	SIGNAL	{SPIO11}	IS ON THE	NEXT PAGE	****					

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DRAWING NUMBER
UNIT ASSEMBLY NAME

149016-800 STRING
CARD CAGE ASSY, A, IFCU

UNIT ASSEMBLY NO. 149016
FILE IDENT T39C1FC6

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RECORD NUMBER	FROM			TO			WIRE				SIGNAL	SEQ NO	EQUATION	TERM	FACTOR	CKT OR CHIP TYPE	GROUP	LOAD OR POWER PLANE	TEST POINTS		SIGNAL DESCRIPTION	ECO NO	
	PREFIX	CONNECTOR	PIN	PREFIX	CONNECTOR	PIN	LD	MULTI GROUP	CODE	COLOR									IDENT	AND			OR
62322		XA116	14		XA116	26			16B	9		SPI0111	01		01	1	MUX	A2		06A			
62323		XA116	26		XA144	53			16B	9		SPI0111	02		01	2	MUX	B2		13A			
62324		XA144	53									SPI0111	03				RR4	F4					
42167		XA219	14		XA219	24			16B	9		SPI0112	01		01	1	MUX	A2		06A			
42168		XA219	24		XA219	46			16B	9		SPI0112	02		01	3	MUX	B2		12A			
42169		XA219	46		XA246	51			16B	9		SPI0112	03		01	1	MUX	C2		21A			
42170		XA246	51									SPI0112	04				RR4	F5					
01539		XA504	68		XA504	78			16B	9		SPI012	01	TWR11A	01	7	TS8	E1		32A			
01540		XA504	78		XA502	68			16B	9		SPI012	02	TREQ0A	01	7	TS8	F1		38A		D04	
01542		XA502	68		XA503	79			16B	9		SPI012	04	U1658A	01	7	TS8	F1		32A		D01	
08269		XA503	79		XA503	54			16B	9		SPI012	045	TINT10	01	8	TS8	F1		39B			
01543		XA503	54		XA503	40			16B	9		SPI012	05	TSBZY0	01	7	TS8	D1		25A			
01544		XA503	40		XA502	42			16B	9		SPI012	06	TRTDPA	01	7	TS8	C1		19A			
01545		XA502	42		XA503	25			16B	9		SPI012	07	TSNCOA	01	8	TS8	C1		20A			
01546		XA503	25		XA502	13			16B	9		SPI012	08	TNDA2A	01	7	TS8	B1		12B			
01547		XA502	13		XA503	10			16B	9		SPI012	09	TRUNAR	01	8	TS8	A1		06B			
01548		XA503	10		XA438	62			16B	9		SPI012	10	TNSGOA	01	7	TS8	A1		07A			
01549		XA438	62		XA438	43			16B	9		SPI012	11	TWDEPR	01	6	PAR	F1		30A			
01550		XA438	43		XA441	43			16B	9		SPI012	12		01	1	PAR	D1		23B			
01551		XA441	43		XA441	49			16B	9		SPI012	13	TXGN5A	01	2	TQ2	D3		23B			
01552		XA441	49		XA441	54			16B	9		SPI012	14	TXGN6A	01	2	TQ2	D4		26B			
01553		XA441	54		XA442	53			16B	9		SPI012	15	TXGN1A	01	1	TQ2	D1		25A			
01554		XA442	53		XA443	54			16B	9		SPI012	16				RR4	F4					
01555		XA443	54		XA444	55			16B	9		SPI012	17		01	1	TLD	D1		25A			
01556		XA444	55		XA444	61			16B	9		SPI012	18		01	2	TLD	E3		29B			
01557		XA444	61		XA444	62			16B	9		SPI012	19		01	2	TLD	E4		32B			
01558		XA444	62		XA444	68			16B	9		SPI012	20		01	1	TLD	E2		29A			
01559		XA444	68		XA444	65			16B	9		SPI012	21		01	1	TLD	E1		32A			
01560		XA444	65		XA444	71			16B	9		SPI012	22		01	1	TLD	F3		34B			
01561		XA444	71		XA444	77			16B	9		SPI012	23		01	1	TLD	F2		36A			
01562		XA444	77		XA444	78			16B	9		SPI012	24		01	1	TLD	F1		38B			
01563		XA444	78		XA445	73			16B	9		SPI012	25		01	2	TLD	F4		38A			
01564		XA445	73		XA446	71			16B	9		SPI012	26		01	1	DCF	D4		35B			
01565		XA446	71		XA443	50			16B	9		SPI012	27	UMALEOX	01	1	DCF	D2		34B		D01	
01566		XA443	50		XA443	41			16B	9		SPI012	28		01	2	TLD	D2		23A			
01567		XA443	41		XA443	37			16B	9		SPI012	29		01	1	TLD	D3		22B			
01568		XA443	37		XA444	35			16B	9		SPI012	30		01	2	TLD	C4		18B			
01569		XA444	35									SPI012	31	TCILK04	01	1	TLD	C4		17B		D04	
62325		XA144	51		XA116	24			16B	9		SPI0121	01				RR4	F5					
62326		XA116	24		XA116	08			16B	9		SPI0121	02		01	3	MUX	B2		12A			
62327		XA116	08									SPI0121	03		01	3	MUX	A2		04A			
42171		XA219	13		XA219	30			16B	9		SPI0122	01		01	4	MUX	A2		07A			
42172		XA219	30		XA219	40			16B	9		SPI0122	02		01	4	MUX	B2		15A			
42173		XA219	40		XA234	03			16B	9		SPI0122	03		01	3	MUX	C2		19A		B02	
42308		XA234	03		XA234	19			16B	9		SPI0122	04		01	1	DBC	A3		02B		B02	
42305		XA234	19		XA234	47			16B	9		SPI0122	05		01	1	DBC	B3		09B		B02	
****												SIGNAL		{SPI0122 }		IS ON THE		NEXT PAGE		****			

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DRAWING NUMBER 149016-800 STRING UNIT ASSEMBLY NO. 149016 REV E INDEX SPIO122
 UNIT ASSEMBLY NAME CARD CAGE ASSY, A, IFCU FILE IDENT T39C1FC6 DATE 09-03-82 PAGE 162

RECORD NUMBER	FROM				TO				WIRE				SIGNAL	SFO NO	EQUATION	TERM	FACTOR	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	AULTI GROUP	CODE	COLOR	IDENT											
42299		XA234	47		XA234	61				168	9		SPI0122	06	LK0393U	01	1	DBC	C3		23A	B02	
42289		XA234	61		XA235	55				168	9		SPI0122	07	LK1283U	01	1	DBC	D3		31B	B02	
42294		XA235	55		XA235	47				168	9		SPI0122	08	LK1881U	01	2	DBC	D1		27B	B02	
42297		XA235	47		XA246	72				168	9		SPI0122	09	LK0683U	01	1	DBC	C3		23A	B02	
42174		XA246	72										SPI0122	10				RR4	G1			C01	
04250		XA431	30		XA431	35				168	9		SPI013	0B	TEB1R0	01	2	TT3	C2		15A	D04	
04266		XA431	35		XA431	40				168	9		SPI013	0D	TEB2R0	01	2	TT3	C3		17B	D04	
04230		XA431	40		XA431	54				168	9		SPI013	0F	TEBOR0	01	2	TT3	C1		19A	D04	
04280		XA431	54		XA438	55				168	9		SPI013	0H	TEB3R0	01	2	TT3	D1		25A	D04	
03980		XA438	55		XA438	52				168	9		SPI013	00	TWDDEPR	01	1	PAR	E1		29B	D01	
01570		XA438	52		XA442	51				168	9		SPI013	01		01	5	PAR	D1		24A		
01571		XA442	51		XA446	74				168	9		SPI013	02				RR4	F5				
01572		XA446	74		XA546	08				168	9		SPI013	03	TXASLOX	01	1	DCF	D6		37A		
01573		XA546	08		XA545	08				168	9		SPI013	04	TRDB20X	01	1	DCF	A6		06A		
01574		XA545	08		XA545	38				168	9		SPI013	05	UB0130X	01	1	DCF	A6		06A	D01	
01575		XA545	38		XA546	38				168	9		SPI013	06	UE0T30X	01	1	DCF	B6		14A	D01	
01576		XA546	38		XA546	54				168	9		SPI013	07	TRDB60X	01	1	DCF	B6		14A		
01577		XA546	54		XA545	54				168	9		SPI013	08	URDB50X	01	1	DCF	C6		30A	D01	
01578		XA545	54		XA545	74				168	9		SPI013	09	UFPR30X	01	1	DCF	C6		30A	D01	
01579		XA545	74		XA546	74				168	9		SPI013	10	UREW30X	01	1	DCF	D6		37A	D01	
01580		XA546	74		XA525	79				168	9		SPI013	11	URDY30X	01	1	DCF	D6		37A	D01	
08054		XA525	79		XA520	26				168	9		SPI013	111	TWLRC0	01	4	TQ2	F1		39B	E03	
01762		XA520	26		XA514	72				168	9		SPI013	113	TQ02M0	01	2	TQ2	R1		14A	E03	
01581		XA514	72		XA513	72				168	9		SPI013	12		01	1	TDD	MN		34A		
01582		XA513	72										SPI013	13		01	1	TDD	MN		34A		
62328		XA122	20		XA122	25				168	9		SPI0131	01	KINT2A	01	2	TQ2	B2		11A		
62329		XA122	25		XA120	26				168	9		SPI0131	02	KDP7S0	01	2	TQ2	B4		12B		
62330		XA120	26		XA120	01				168	9		SPI0131	03		01	3	TT3	R1		14A		
62331		XA120	01		XA122	05				168	9		SPI0131	04		01	1	TT3	A2		02B		
62332		XA122	05		XA122	13				168	9		SPI0131	05	KK08C0	01	2	TQ2	A2		03B		
62333		XA122	13		XA123	18				168	9		SPI0131	06		01	2	TQ2	A4		06B	A01	
61074		XA123	18		XA123	31				168	9		SPI0131	065		01	1	TQ2	B2		10A	A01	
60882		XA123	31		XA120	13				168	9		SPI0131	07	KPOUT0	01	2	TQ2	C3		15B	A01	
62335		XA120	13		XA119	20				168	9		SPI0131	08		01	3	TT3	A3		06B	E02	
62337		XA119	20		XA119	19				168	9		SPI0131	10	KK1210	01	2	TQ2	B2		11A		
62338		XA119	19		XA119	25				168	9		SPI0131	11	KK1220	01	2	TQ2	B3		09B		
62339		XA119	25		XA119	31				168	9		SPI0131	12	KK1230	01	2	TQ2	B4		12B		
62340		XA119	31		XA119	36				168	9		SPI0131	13	KK1260	01	2	TQ2	C3		15B		
62341		XA119	36		XA119	37				168	9		SPI0131	14	KK1250	01	2	TQ2	C2		17A		
62342		XA119	37		XA119	43				168	9		SPI0131	15	KK1270	01	2	TQ2	C4		18B		
62343		XA119	43		XA119	42				168	9		SPI0131	16	KK15QA	01	2	TQ2	D3		23B		
62344		XA119	42		XA119	50				168	9		SPI0131	17	KK1240	01	2	TQ2	C1		20A		
62345		XA119	50		XA119	55				168	9		SPI0131	18	KK1290	01	2	TQ2	D2		23A		
62346		XA119	55		XA119	56				168	9		SPI0131	19	KK09QA	01	2	TQ2	E3		29B		
62347		XA119	56		XA120	61				168	9		SPI0131	20	KK1280	01	2	TQ2	D1		26A		
62348		XA120	61		XA119	64				168	9		SPI0131	21		01	3	TT3	E3		32B		
62349		XA119	64		XA119	70				168	9		SPI0131	22	KK08QA	01	2	TQ2	E2		30A		
62350		XA119	70		XA119	73				168	9		SPI0131	23	KETX00	01	2	TQ2	F1		33A		
										****		SIGNAL	(SPI0131)		IS ON THE			NEXT PAGE		****			

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DRAWING NUMBER 149016-800 STRING UNIT ASSEMBLY NO. 149016 REV E INDEX SPIO131
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RECORD NUMBER	FROM				TO				WIRE				SIGNAL	SEQ NO	EQUATION	TERM	FACTOR	CKT OR CHIP TYPE	GROUP	LOAD OR POWER PLANE	TEST POINTS		SIGNAL DESCRIPTION	ECO NO				
	PREFIX	CONNECTOR	PIN	PC	PREFIX	CONNECTOR	PIN	PC	SH FT	MULTI GROUP	CODE	COLOR									IDEN	SPEC INST			MISC	AND	OR	
62351		XA119	73		XA119	78				168	9			SPIO131	24	KRS0A	01 2	TQ2	F2		36B							
62352		XA119	78		XA120	75				168	9			SPIO131	25	KXXCS0	01 2	TQ2	F4		38A							
62353		XA120	75		XA121	79				168	9			SPIO131	26		01 1	TT3	F1		37B							
62354		XA121	79		XA121	76				168	9			SPIO131	27	KCDESA	01 2	TQ2	F1		39B							
62355		XA121	76		XA122	79				168	9			SPIO131	28		01 1	TQ2	F4		37A							
62356		XA122	79		XA122	78				168	9			SPIO131	29	KINT1A	01 2	TQ2	F1		39B							
62357		XA122	78		XA122	70				168	9			SPIO131	30	KPRQPO	01 2	TQ2	F4		38A							
62358		XA122	70		XA122	61				168	9			SPIO131	31	KKPE00	01 2	TQ2	F1		33A							
62359		XA122	61		XA121	62				168	9			SPIO131	32	KK03QA	01 2	TQ2	F4		32B							
62360		XA121	62		XA144	72				168	9			SPIO131	33		01 1	TQ2	F2		29A							
62361		XA144	72											SPIO131	34			RR4	G1									
42175		XA222	64		XA227	47				168	9			SPIO132	01	LAE13P	01 1	TDD	KP		30A							
42176		XA227	47		XA229	29				168	9			SPIO132	02	LXGN3A	01 1	TQ2	D4		25B							
42177		XA229	29		XA232	25				168	9			SPIO132	03	LPRNTQ	01 1	TDD	F0		14B							
42178		XA232	25		XA231	17				168	9			SPIO132	04	LXST20	01 7	TS8	B1		12B							
42179		XA231	17		XA230	17				168	9			SPIO132	05	LXEB1Q	01 1	TDD	DQ		08B							
42180		XA230	17		XA229	03				168	9			SPIO132	06	LXIR1Q	01 1	TDD	DQ		08B							
42181		XA229	03		XA230	03				168	9			SPIO132	07	LXXB0Q	01 1	TDD	BQ		02A							
42182		XA230	03		XA231	03				168	9			SPIO132	08	LXXA2Q	01 1	TDD	BQ		C2A							
42183		XA231	03		XA239	03				168	9			SPIO132	09	LXXA3Q	01 1	TDD	BQ		02A							
42184		XA239	03		XA236	37				168	9			SPIO132	10	LXGN1A	01 1	TQ2	A3		02A							
42187		XA236	37		XA235	43				168	9			SPIO132	13	LXGN2A	01 2	TQ2	C4		18B							
42188		XA235	43		XA234	43				168	9			SPIO132	14	LK06B1U	01 3	DBC	C1		22B							
42189		XA234	43		XA232	40				168	9			SPIO132	15	LK03B1U	01 3	DBC	C1		22B							
42190		XA232	40		XA231	36				168	9			SPIO132	16	LXDV1A	01 7	TS8	C1		19A							
42191		XA231	36		XA231	41				168	9			SPIO132	17	LX1MAP	01 1	TDD	FP		17A							
42192		XA231	41		XA230	39				168	9			SPIO132	18	LXXC2Q	01 1	TDD	HQ		22B							
42193		XA230	39		XA230	41				168	9			SPIO132	19	LXST10	01 1	TDD	EQ		19B							
42194		XA230	41		XA229	48				168	9			SPIO132	20	LXXC3Q	01 1	TDD	HQ		22B							
42195		XA229	48		XA229	53				168	9			SPIO132	21		01 1	TDD	HI		22A							
42196		XA229	53		XA230	53				168	9			SPIO132	22	LDO5BQ	01 1	TDD	KQ		28B							
42197		XA230	53		XA231	53				168	9			SPIO132	23	LDO2BQ	01 1	TDD	KQ		28B							
42198		XA231	53		XA231	65				168	9			SPIO132	24	LDPBPQ	01 1	TDD	KQ		28B							
42199		XA231	65		XA230	65				168	9			SPIO132	25	LDO1BQ	01 1	TDD	MQ		34B							
42200		XA230	65		XA229	65				168	9			SPIO132	26	LDO4BQ	01 1	TDD	MQ		34B							
42201		XA229	65		XA232	68				168	9			SPIO132	27	LDO7BQ	01 1	TDD	MQ		34B							
42202		XA232	68		XA232	78				168	9			SPIO132	28	LPINTA	01 7	TS8	F1		32A							
42203		XA232	78		XA234	57				168	9			SPIO132	29	LAOERA	01 7	TS8	F1		38A							
42204		XA234	57		XA235	63				168	9			SPIO132	30	LK12B1U	01 3	DBC	D1		29B							
42205		XA235	63		XA241	65				168	9			SPIO132	31	LK18B1U	01 5	DBC	D1		31A							
42208		XA241	65		XA241	61				168	9			SPIO132	34		01 1	TLD	F3		34B							
42209		XA241	61		XA241	78				168	9			SPIO132	35		01 2	TLD	F4		32B							
42210		XA241	78		XA246	66				168	9			SPIO132	36		01 2	TLD	F4		38A							
42211		XA246	66											SPIO132	37			RR4	G2									
07748		XA430	25		XA438	59				168	9			SPIO14	00	TEB5RA	01 3	TT3	B3		12B		D04					
03989		XA438	59		XA442	72				168	9			SPIO14	00	TWDFEPR	01 2	PAR	F1		30B		DOT					
01583		XA442	72		XA438	51				168	9			SPIO14	01			RR4	G1									
01584		XA438	51		XA514	73				168	9			SPIO14	02		02 1	PAR	D1		27B							
****													SIGNAL		SPIO14		IS ON THE NEXT PAGE										****	

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DRAWING NUMBER
UNIT ASSEMBLY NAME

149016-800
CARD CAGE ASSY, A, IFCU

STRING

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FILE IDENT

149016
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RECORD NUMBER	FROM				TO				WIRE				SIGNAL	SEQ NO	EQUATION	TERM FACTOR	CHK OR CHIP TYPE	GROUP	LOAD OR POWER PLANE	TEST POINTS AND/OR	SIGNAL DESCRIPTION	ECO NO
	PREFIX	CONNECTOR	PIN	IFC	PREFIX	CONNECTOR	PIN	IFC	MULTI GROUP	CODE	COLOR	IDENT										
42226		XA227	25		XA223	25				16B	9		SPIO142	15	LPRNT0	01	2	TQ2	B4	12B		
42227		XA223	25		XA223	37				16B	9		SPIO142	16	LKRS0A	01	2	TQ2	B4	12B		
42228		XA223	37		XA223	42				16B	9		SPIO142	17	LK2290	01	2	TQ2	C4	18B		
42229		XA223	42		XA223	50				16B	9		SPIO142	18	LKRS1A	01	2	TQ2	C1	20A		
42230		XA223	50		XA224	49				16B	9		SPIO142	19	LAECPO	01	2	TQ2	D2	23A		
42231		XA224	49		XA224	55				16B	9		SPIO142	20	LBUSYA	01	2	TQ2	D4	26B		
42232		XA224	55		XA223	56				16B	9		SPIO142	21	LCDESA	01	2	TQ2	E3	29B		
42233		XA223	56		XA223	55				16B	9		SPIO142	22	LK18BA	01	2	TQ2	D1	26A		
42234		XA223	55		XA223	61				16B	9		SPIO142	23	LK06BA	01	2	TQ2	E3	29B		
42235		XA223	61		XA223	64				16B	9		SPIO142	24	LK03BA	01	2	TQ2	F4	32B		
42236		XA223	64		XA224	64				16B	9		SPIO142	25	LK12BA	01	2	TQ2	E2	30A		
42237		XA224	64		XA224	78				16B	9		SPIO142	26	LAEST0	01	2	TQ2	E2	30A		
42238		XA224	78		XA223	79				16B	9		SPIO142	27	LXEA00	01	2	TQ2	F4	38A		
42239		XA223	79		XA224	79				16B	9		SPIO142	28	LINT1A	01	2	TQ2	F1	39B		
42240		XA224	79		XA224	73				16B	9		SPIO142	29	LSRS0A	01	2	TQ2	F1	39B		
42241		XA224	73		XA227	73				16B	9		SPIO142	30	LXDV10	01	2	TQ2	F2	36B		
42242		XA227	73		XA227	78				16B	9		SPIO142	31	LXXCIA	01	2	TQ2	F2	36B		
42243		XA227	78		XA227	70				16B	9		SPIO142	32	LXXCS0	01	2	TQ2	F4	38A		
42244		XA227	70		XA237	75				16B	9		SPIO142	33	L16MHA	01	2	TQ2	E1	33A		
62395		XA237	75		XA237	65				16B	9		SPIO142	34		01	3	PAR	F1	37B		
62396		XA237	65		XA246	65				16B	9		SPIO142	35		02	1	PAR	E1	33B		
42245		XA246	65										SPIO142	36				RR4	G3			
01587		XA513	65		XA514	65				16B	9		SPIO15	01		01	1	TDD	M0	34B		
01588		XA514	65		XA546	70				16B	9		SPIO15	02		01	1	TDD	M0	34B		
01589		XA546	70		XA545	70				16B	9		SPIO15	03	URDY40X	01	1	DCF	D8	35A		
01590		XA545	70		XA545	50				16B	9		SPIO15	04	UREW40X	01	1	DCF	D8	35A		D01
01591		XA545	50		XA546	50				16B	9		SPIO15	05	UFPR40X	01	1	DCF	C8	28A		D01
01592		XA546	50		XA546	34				16B	9		SPIO15	06	UWDBS0X	01	1	DCF	C8	28A		D01
01593		XA546	34		XA545	34				16B	9		SPIO15	07	TRDB70X	01	1	DCF	B8	12A		
01594		XA545	34		XA545	04				16B	9		SPIO15	08	UEOT40X	01	1	DCF	B8	12A		D01
01595		XA545	04		XA546	04				16B	9		SPIO15	09	UBOT40X	01	1	DCF	A8	04A		D01
01596		XA546	04		XA446	70				16B	9		SPIO15	10	TRDB30X	01	1	DCF	A8	04A		
01597		XA446	70		XA442	66				16B	9		SPIO15	11	TXBSL0X	01	1	DCF	D8	35A		
01598		XA442	66		XA438	46				16B	9		SPIO15	12				RR4	G2			
01599		XA438	46		XA438	61				16B	9		SPIO15	13		01	8	PAR	D1	21A		D01
03994		XA438	61										SPIO15	14	TWDEPR	01	3	PAR	E1	31B		D01
61072		XA123	20		XA123	13				16B	9		SPIO151	005		01	2	TQ2	B2	11A		A01
62399		XA123	13		XA126	10				16B	9		SPIO151	01	KK04E0	01	2	TQ2	A4	06B		
62400		XA126	10		XA126	07				16B	9		SPIO151	02	KXRRSA	01	2	TQ2	A1	07A		
62401		XA126	07		XA126	05				16B	9		SPIO151	03	KXCP40	01	2	TQ2	A3	03A		
62402		XA126	05		XA127	05				16B	9		SPIO151	04	KXCP30	01	2	TQ2	A2	03B		
62403		XA127	05		XA127	07				16B	9		SPIO151	05	KXCP00	01	2	TQ2	A2	03B		
62404		XA127	07		XA127	13				16B	9		SPIO151	06	KXCP10	01	2	TQ2	A3	03A		
62405		XA127	13		XA126	13				16B	9		SPIO151	07	KXCP20	01	2	TQ2	A4	06B		
62406		XA126	13		XA126	19				16B	9		SPIO151	08	KXCP50	01	2	TQ2	A4	06B		
62407		XA126	19		XA127	26				16B	9		SPIO151	09	KDA1N0	01	2	TQ2	B3	09B		R02
62409		XA127	26		XA126	26				16B	9		SPIO151	11	KXXBKO	01	2	TQ2	B1	14A		
62410		XA126	26		XA126	25				16B	9		SPIO151	12	KXDEVO	01	2	TQ2	B1	14A		

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 DRAWING NUMBER
 UNIT ASSEMBLY NAME

149016-800 STRING
 CARD CAGE ASSY, A, IFCU

UNIT ASSEMBLY NO. 149016
 FILE IDENT T39C1FC6

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RECORD NUMBER	FROM				TO				WIRE				SIGNAL	SEQ NO	EQUATION	TERM	FACTOR	CKT OR CHIP TYPE	GROUP	LOAD OR POWER PLANE	TEST POINTS AND OR	SIGNAL DESCRIPTION	ECO NO
	PREFIX	CONNECTOR	PIN	SH FEG	PREFIX	CONNECTOR	PIN	SH FEG	MULTI-GROUP	CODE	COLOR	IDENT											
62411		XA126	25		XA126	31				168	9		SPIO151	13	KDOUT0	01	2	TQ2	B4		12B		
62412		XA126	31		XA126	42				168	9		SPIO151	14	KXRS5A	01	2	TQ2	C3		15B		
62413		XA126	42		XA126	36				168	9		SPIO151	15	KXRS3A	01	2	TQ2	C1		20A		
62414		XA126	36		XA126	37				168	9		SPIO151	16	KXRS4A	01	2	TQ2	C2		17A		
62415		XA126	37		XA126	43				168	9		SPIO151	17	KXIRC0	01	2	TQ2	C4		18B		
62416		XA126	43		XA126	49				168	9		SPIO151	18	KXST2A	01	2	TQ2	D3		23B		
62417		XA126	49		XA123	49				168	9		SPIO151	19	KXGN3A	01	2	TQ2	D4		26B		
62418		XA123	49		XA123	61				168	9		SPIO151	20	KBUSYA	01	2	TQ2	D4		26B		
62419		XA123	61		XA123	78				168	9		SPIO151	21	KIENRA	01	2	TQ2	E4		32B		
62420		XA123	78		XA123	77				168	9		SPIO151	22	KXFA00	01	2	TQ2	F4		38A		
62421		XA123	77		XA123	73				168	9		SPIO151	23		01	1	TQ2	F1		38B		
62422		XA123	73		XA123	70				168	9		SPIO151	24	KXDV10	01	2	TQ2	F2		36B		
62423		XA123	70		XA124	72				168	9		SPIO151	25	KK0B70	01	2	TQ2	E1		33A		
62424		XA124	72		XA125	74				168	9		SPIO151	26		01	3	TT3	F2		34A		
62425		XA125	74		XA126	73				168	9		SPIO151	27		01	4	TD4	F2		35B		
62426		XA126	73		XA126	70				168	9		SPIO151	28	KXXCIA	01	2	TQ2	F2		36B		
62427		XA126	70		XA126	78				168	9		SPIO151	29	K16MHA	01	2	TQ2	E1		33A		
62428		XA126	78		XA126	79				168	9		SPIO151	30	KXXDDA	01	2	TQ2	F4		38A		
62429		XA126	79		XA126	56				168	9		SPIO151	31		01	2	TQ2	F1		39B		
62431		XA126	56		XA144	65				168	9		SPIO151	33	KXHST0	01	2	TQ2	D1		26A	A01	
62432		XA144	65										SPIO151	34				RR4	G3				
42246		XA229	08		XA231	15				168	9		SPIO152	01	LXXACT	01	1	TDD	AI		06A		
42247		XA231	15		XA230	15				168	9		SPIO152	02	LXXA1Q	01	1	TDD	A0		07B		
42248		XA230	15		XA228	26				168	9		SPIO152	03	LXXA0Q	01	1	TDD	A0		07B		
42250		XA228	26		XA230	27				168	9		SPIO152	05	LXXBK0	01	2	TQ2	B1		14A		
42251		XA230	27		XA231	27				168	9		SPIO152	06	LXXB1Q	01	1	TDD	C0		13B		
42252		XA231	27		XA232	26				168	9		SPIO152	07	LXXB2Q	01	1	TDD	C0		13B		
42253		XA232	26		XA232	42				168	9		SPIO152	08	LXST20	01	8	TS8	B1		14A		
42254		XA232	42		XA231	39				168	9		SPIO152	09	LXDVI1A	01	8	TS8	C1		20A		
42255		XA231	39		XA230	38				168	9		SPIO152	10	LFRMFQ	01	1	TDD	EQ		19B		
42256		XA230	38		XA229	38				168	9		SPIO152	11	LXST1P	01	1	TDD	EP		18A		
42257		XA229	38		XA228	42				168	9		SPIO152	12	LXSTOP	01	1	TDD	EP		18A		
42258		XA228	42		XA228	36				168	9		SPIO152	13	LXDEVA	01	2	TQ2	C1		20A		
42259		XA228	36		XA228	31				168	9		SPIO152	14	LXDVC0	01	2	TQ2	C2		17A		
42260		XA228	31		XA228	37				168	9		SPIO152	15	LXOFER0	01	2	TQ2	C3		15B		
42261		XA228	37		XA228	61				168	9		SPIO152	16	LXSK00	01	2	TQ2	C4		18B		
42262		XA228	61		XA228	55				168	9		SPIO152	17	L16MT0	01	2	TQ2	F4		32B		
42263		XA228	55		XA228	56				168	9		SPIO152	18	L16MH0	01	2	TQ2	E3		29B		
42264		XA228	56		XA228	50				168	9		SPIO152	19	LXE0B0	01	2	TQ2	D1		26A		
42265		XA228	50		XA229	51				168	9		SPIO152	20	LXSST0	01	2	TQ2	D2		23A		
42266		XA229	51		XA230	51				168	9		SPIO152	21	LXXC4Q	01	1	TDD	G0		27B		
42267		XA230	51		XA231	51				168	9		SPIO152	22	LXXC1Q	01	1	TDD	G0		27B		
42268		XA231	51		XA231	63				168	9		SPIO152	23	LXXC0Q	01	1	TDD	G0		27B		
42269		XA231	63		XA230	63				168	9		SPIO152	24	LXXR00	01	1	TDD	J0		33B		
42270		XA230	63		XA229	63				168	9		SPIO152	25	LXXR1Q	01	1	TDD	J0		33B		
42271		XA229	63		XA228	64				168	9		SPIO152	26	LXXR2Q	01	1	TDD	J0		33B		
42272		XA228	64		XA228	70				168	9		SPIO152	27	LXBRQ0	01	2	TQ2	F2		30A		
42273		XA228	70		XA228	73				168	9		SPIO152	28	LXARQ0	01	2	TQ2	E1		33A		
42274		XA228	73		XA228	79				168	9		SPIO152	29	LDRS1A	01	2	TQ2	F2		36B		
										****		SIGNAL	(SPIO152)		IS ON THE			NEXT PAGE		****			

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DRAWING NUMBER
UNIT ASSEMBLY NAME

149016-800 STRING
CARD CAGE ASSY, A, IFCU

UNIT ASSEMBLY NO. 149016
FILE IDENT T39C1FC6

REV E INDEX SPIO152
DATE 09-03-82 PAGE 167

RECORD NUMBER	FROM				TO				WIRE				SIGNAL	SEQ NO	EQUATION	TERM	FACTOR	CXT OR CHIP TYPE	GROUP	LOAD OR POWER PLANE	TEST POINTS AND/OR	SIGNAL DESCRIPTION	ECO NO
	PREFIX	CONNECTOR	PIN	SAFE	PREFIX	CONNECTOR	PIN	SAFE	MULTI GROUP	CODE	COLOR	IDENT											
42275		XA228	79		XA 228	78				168	9			SPIO152	30	LDRSOA	01 2	TQ2	F1		39B		
42276		XA228	78		XA229	80				168	9			SPIO152	31	LXADFA	01 2	TQ2	F4		38A		
42277		XA229	80		XA 230	80				168	9			SPT0152	32	LD068Q	01 1	TDD	LQ		39A		
42278		XA230	80		XA 231	80				168	9			SPIO152	33	LD03BQ	01 1	TDD	LQ		39A		
42279		XA231	80		XA 232	70				168	9			SPIO152	34	LD00BQ	01 1	TDD	LQ		39A		
42280		XA232	70		XA 246	63				168	9			SPIO152	35	LPINTA	01 8	TS8	E1		33A		
42281		XA246	63											SPIO152	36			RR4	G4				
04444		XA410	64		XA 438	45				168	9			SPIO16	00	TFSTOS	01 4	TD4	E2		30A		E03
01600		XA438	45		XA 442	65				168	9			SPIO16	01		01 2	PAR	D1		24B		
01601		XA442	65											SPIO16	02			RR4	G3				
62433		XA127	61		XA127	55				168	9			SPIO161	01	K16M10	01 2	TQ2	E4		32B		
62434		XA127	55		XA127	56				168	9			SPIO161	02	K16MH0	01 2	TQ2	E3		29B		
62435		XA127	56		XA128	51				168	9			SPIO161	03	KXE0B0	01 2	TQ2	D1		26A		
62436		XA128	51		XA127	50				168	9			SPIO161	04	KXXC4Q	01 1	IDD	G0		27B		
62437		XA127	50		XA 131	40				168	9			SPIO161	05	KXSST0	01 2	TQ2	D2		23A		
62438		XA131	40		XA 131	26				168	9			SPIO161	06	KXDVA	01 7	TS8	C1		19A		
62439		XA131	26		XA128	08				168	9			SPIO161	07	KXST20	01 8	TS8	B1		14A		
62440		XA128	08		XA129	15				168	9			SPIO161	08	KXXACI	01 1	IDD	AI		06A		
62441		XA129	15		XA130	15				168	9			SPIO161	09	KXXA0Q	01 1	TDD	AQ		07B		
62442		XA130	15		XA130	27				168	9			SPIO161	10	KXXA1Q	01 1	TDD	AQ		07B		
62443		XA130	27		XA129	27				168	9			SPIO161	11	KXXB2Q	01 1	TDD	CQ		13B		
62444		XA129	27		XA127	31				168	9			SPIO161	12	KXXB1Q	01 1	TDD	CQ		13B		
62445		XA127	31		XA127	37				168	9			SPIO161	13	KXOFRO	01 2	TQ2	C3		15B		
62446		XA127	37		XA 127	36				168	9			SPIO161	14	KXS000	01 2	TQ2	C4		18B		
62447		XA127	36		XA127	42				168	9			SPIO161	15	KXDVCO	01 2	TQ2	C2		17A		
62448		XA127	42		XA129	41				168	9			SPIO161	16	KXDEVA	01 2	TQ2	C1		20A		
62449		XA129	41		XA128	38				168	9			SPIO161	17	KXXC3Q	01 1	TDD	HQ		22B		
62450		XA128	38		XA129	38				168	9			SPIO161	18	KXST0P	01 1	TDD	EP		18A		
62451		XA129	38		XA130	39				168	9			SPIO161	19	KXST1P	01 1	TDD	EP		18A		
62452		XA130	39		XA 130	51				168	9			SPIO161	20	KDAINQ	01 1	TDD	EQ		19B		
62453		XA130	51		XA 130	63				168	9			SPT0161	21	KXXC00	01 1	TDD	G0		27B		
62454		XA130	63		XA129	63				168	9			SPIO161	22	KXXR0Q	01 1	TDD	JQ		33B		
62455		XA129	63		XA128	63				168	9			SPIO161	23	KXXR1Q	01 1	TDD	JQ		33B		
62456		XA128	63		XA127	64				168	9			SPIO161	24	KXXR2Q	01 1	TDD	JQ		33B		
62457		XA127	64		XA127	70				168	9			SPIO161	25	KXBR0Q	01 2	TQ2	E2		30A		
62458		XA127	70		XA127	73				168	9			SPIO161	26	KXAR0Q	01 2	TQ2	F1		33A		
62459		XA127	73		XA127	79				168	9			SPIO161	27	KDRS1A	01 2	TQ2	F2		36B		
62460		XA127	79		XA127	78				168	9			SPIO161	28	KDRSOA	01 2	TQ2	F1		39B		
62461		XA127	78		XA 130	80				168	9			SPT0161	29	KKTCRA	01 2	TQ2	F4		38A		
62462		XA130	80		XA 131	78				168	9			SPIO161	30	KD00BQ	01 1	TDD	LQ		39A		
62463		XA131	78		XA 131	68				168	9			SPIO161	31	KIOTRA	01 7	TS8	F1		38A		
62464		XA131	68		XA 132	69				168	9			SPIO161	32	KPINTA	01 7	TS8	F1		32A		
62465		XA132	69		XA 132	70				168	9			SPIO161	33		01 1	TT3	F3		35A		
62466		XA132	70		XA 132	62				168	9			SPIO161	34		01 3	TT3	E1		33A		
62467		XA132	62		XA 144	63				168	9			SPIO161	35		01 3	TT3	E2		29A		
62468		XA144	63											SPIO161	36			RR4	G4				
42282		XA232	79		XA 236	79				168	9			SPIO162	01	LAQERA	01 8	TS8	F1		39B		
												****	SIGNAL	(SPIO162)	IS ON THE			NEXT PAGE	****				

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 UNIT ASSEMBLY NAME CARD CAGE ASSY, A, IFCU FILE IDENT T39C1FC6 DATE 09-03-82 PAGE 168

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	ECC NO
	PREFIX	CONNECTOR	FIN	WIRE	PREFIX	CONNECTOR	FIN	WIRE	MULTI GROUP	CODE	COLOR	IDENT											
42283		XA236	79		XA236	78							SPI0162	02	LXROPA	01	2	TQ2	F1		39B		
42284		XA236	78		XA236	74							SPI0162	03	LXXADA	01	2	TQ2	F4		38A		
42285		XA236	74		XA236	73							SPI0162	04	LPDBC0	01	2	TQ2	F3		35B		
42286		XA236	73		XA235	66							SPI0162	05	LPCRC0	01	2	TQ2	F2		36B		
42287		XA235	66		XA235	64							SPI0162	06	LXS035U	01	1	DBC	E5		32B		
42288		XA235	64		XA234	63							SPI0162	07	LK18B4U	01	1	DBC	D4		30A	B02	
42290		XA234	63		XA234	66							SPI0162	09	LK12B1U	01	5	DBC	D1		31A		
42291		XA234	66		XA235	50							SPI0162	10	LXS475U	01	1	DBC	E5		32B	B02	
42295		XA235	50		XA234	39							SPI0162	14	LK06B1U	01	5	DBC	C1		24A	B02	
42300		XA234	39		XA236	35							SPI0162	19	LK03B1U	01	1	DBC	C1		18B		
42301		XA236	35		XA236	25							SPI0162	20	LXGN2A	01	1	TQ2	C4		17B		
42302		XA236	25		XA234	22							SPI0162	21	LXCA10	01	2	TQ2	B4		12B		
42303		XA234	22		XA234	06							SPI0162	22		01	1	DBC	B2		11A	B02	
42310		XA234	06		XA236	05							SPI0162	29		01	1	DBC	A2		03A		
42311		XA236	05		XA236	07							SPI0162	30	LXRS1A	01	2	TQ2	A2		03B		
42312		XA236	07		XA236	10							SPI0162	31	LXRS2A	01	2	TQ2	A3		03A		
42313		XA236	10		XA246	61							SPI0162	32	LXRS0A	01	2	TQ2	A1		07A		
42316		XA246	61										SPI0162	35				RR4	G5				
01602		XA441	37		XA441	41							SPI017	01	TXRRSA	01	2	TQ2	C4		18B		
01603		XA441	41		XA441	47							SPI017	02	TXGN5A	01	1	TQ2	03		22B		
01604		XA441	47		XA441	50							SPI017	03	TXGN6A	01	1	TQ2	04		25B		
01605		XA441	50		XA441	56							SPI017	04	TXGN4A	01	2	TQ2	D2		23A		
01606		XA441	56		XA440	55							SPI017	05	TXGN1A	01	2	TQ2	D1		26A		
01607		XA440	55		XA440	61							SPI017	06	TXXB40	01	2	TQ2	E3		29B		
01608		XA440	61		XA441	61							SPI017	07	TXXB50	01	2	TQ2	E4		32B		
01609		XA441	61		XA440	64							SPI017	08	TXADEA	01	2	TQ2	E4		32B		
01610		XA440	64		XA442	63							SPI017	09	TXXB30	01	2	TQ2	E2		30A		
01611		XA442	63		XA441	64							SPI017	10				RR4	G4				
01612		XA441	64		XA441	70							SPI017	11	TXBSLA	01	2	TQ2	E2		30A		
01613		XA441	70		XA441	79							SPI017	12	TXASLA	01	2	TQ2	E1		33A		
01614		XA441	79		XA440	78							SPI017	13	TXA1E0	01	2	TQ2	F1		39B		
01615		XA440	78		XA440	74							SPI017	14	TXBR00	01	2	TQ2	F4		38A		
01616		XA440	74		XA441	73							SPI017	15	TXAR00	01	2	TQ2	F3		35B		
01617		XA441	73		XA441	74							SPI017	16	TXA1F0	01	2	TQ2	F2		36B		
01618		XA441	74		XA441	78							SPI017	17	TXB1E0	01	2	TQ2	F3		35B		
01619		XA441	78		XA444	79							SPI017	18	TXB1F0	01	2	TQ2	F4		38A		
01620		XA444	79		XA444	73							SPI017	19		01	2	TLD	F1		39B		
01621		XA444	73		XA444	76							SPI017	20		01	2	TLD	F2		36B		
01622		XA444	76		XA444	74							SPI017	21		01	1	TLD	F4		37A		
01623		XA444	74		XA444	70							SPI017	22		01	2	TLD	F3		35B		
01624		XA444	70		XA444	64							SPI017	23		01	2	TLD	F1		33A		
01625		XA444	64		XA444	59							SPI017	24		01	2	TLD	E2		30A		
01626		XA444	59		XA444	53							SPI017	25		01	1	TLD	E4		31B		
01627		XA444	53		XA443	56							SPI017	26		01	1	TLD	E3		28B		
01628		XA443	56		XA443	48							SPI017	27		01	2	TLD	D1		26A		
01629		XA443	48		XA443	43							SPI017	28		01	1	TLD	D2		22A		
01630		XA443	43		XA443	35							SPI017	29		01	2	TLD	D3		23B		
01631		XA443	35		XA444	37							SPI017	30		01	1	TLD	C4		17B		
01632		XA444	37										SPI017	31	TCILK04	01	2	TLD	C4		18B		

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DRAWING NUMBER
UNIT ASSEMBLY NAME

149016-800
CARD CAGE ASSY, A, IFCU

STRING

UNIT ASSEMBLY NO.
FILE IDENT

149016
T39C1FC6

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RECORD NUMBER	FROM			TO			WIRE				SIGNAL	SEQ NO	EQUATION	TERM	SAL FOR	CAT OR CHIP TYPE	GROUP	LOAD OR POWER PLANE	TEST POINTS		SIGNAL DESCRIPTION	ECO NO
	PREFIX	CONNECTOR	PIN	PREFIX	CONNECTOR	PIN	SH FTG	MULTI GROUP	CODE	COLOR									IDENT	SH FTG		
62478		XA144	61		XA134	50			168	9			SPI0171	01		RR4	G5					
62471		XA134	50		XA133	50			168	9			SPI0171	03	KK04B1U	01 5	DBC	C1		24A		
62472		XA133	50		XA132	53			168	9			SPI0171	04	KK03B1U	01 5	DBC	C1		24A		
62473		XA132	53		XA132	66			168	9			SPI0171	05		01 1	TT3	E2		28B		
62474		XA132	66		XA132	78			168	9			SPI0171	06		01 1	TT3	E1		31A		
62475		XA132	78										SPI0171	07		01 3	TT3	F3		38A		
61099		XA132	79		XA242	37			168	9			SPI0172	01	KKTCR0	01 3	TT3	F1		39B		A01
42319		XA242	37		XA240	10			168	9			SPI0172	03	LLQRS01	01 2	TLD	C4		18B		
42320		XA240	10		XA240	05			168	9			SPI0172	04	LXXDRA	01 2	TQ2	A1		07A		
42321		XA240	05		XA240	07			168	9			SPI0172	05	LXAIE0	01 2	TQ2	A2		03B		
42322		XA240	07		XA239	07			168	9			SPI0172	06	LXAIFO	01 2	TQ2	A3		03A		
42323		XA239	07		XA239	13			168	9			SPI0172	07	LXGN1A	01 2	TQ2	A3		03A		
42324		XA239	13		XA240	13			168	9			SPI0172	08	LXPRSA	01 2	TQ2	A4		06B		
42325		XA240	13		XA239	20			168	9			SPI0172	09	LXBTE0	01 2	TQ2	A4		06B		
42326		XA239	20		XA240	19			168	9			SPI0172	10	LXBSLA	01 2	TQ2	B2		11A		
42327		XA240	19		XA240	20			168	9			SPI0172	11	LDMND0	01 2	TQ2	B3		09B		
42328		XA240	20		XA240	26			168	9			SPI0172	12	LDMNC0	01 2	TQ2	B2		11A		
42329		XA240	26		XA240	25			168	9			SPI0172	13	LXBIF0	01 2	TQ2	B1		14A		
42330		XA240	25		XA239	26			168	9			SPI0172	14	LQ4MZ0	01 2	TQ2	B4		12B		
42331		XA239	26		XA239	25			168	9			SPI0172	15	LXASLA	01 2	TQ2	B1		14A		
42332		XA239	25		XA239	37			168	9			SPI0172	16	LXRS00	01 2	TQ2	B4		12B		
42333		XA239	37		XA240	37			168	9			SPI0172	17	LXXBCA	01 2	TQ2	C4		18B		
42334		XA240	37		XA241	37			168	9			SPI0172	18	LXXACA	01 2	TQ2	C4		18B		
42335		XA241	37		XA241	43			168	9			SPI0172	19	LLQFFD1	01 2	TLD	C4		18B		
42336		XA241	43		XA241	50			168	9			SPI0172	20	LLPRSD1	01 2	TLD	D3		23B		
42337		XA241	50		XA241	56			168	9			SPI0172	21	LLPFFD1	01 2	TLD	D2		23A		
42338		XA241	56		XA241	59			168	9			SPI0172	22	LLPDS01	01 2	TLD	D1		26A		
42339		XA241	59		XA240	78			168	9			SPI0172	23		01 1	TLD	E4		31B		
42340		XA240	78		XA240	79			168	9			SPI0172	24	LXXA40	01 2	TQ2	F4		38A		
42341		XA240	79		XA239	79			168	9			SPI0172	25	LXXB00	01 2	TQ2	F1		39B		
42342		XA239	79		XA239	73			168	9			SPI0172	26	LXXA50	01 2	TQ2	F1		39B		
42343		XA239	73		XA240	73			168	9			SPI0172	27	LXX050	01 2	TQ2	F2		36B		
42344		XA240	73		XA240	74			168	9			SPI0172	28	LXXB10	01 2	TQ2	F2		36B		
42345		XA240	74		XA241	74			168	9			SPI0172	29	LXXB20	01 2	TQ2	F3		35B		
42346		XA241	74		XA241	76			168	9			SPI0172	30		01 2	TLD	F3		35B		
42347		XA241	76		XA246	78			168	9			SPI0172	31		01 1	TLD	F4		37A		
42348		XA246	78		XA237	74			168	9			SPI0172	32			RR4	H1				
62476		XA237	74		XA237	64			168	9			SPI0172	33		01 6	PAR	F1		36A		
62477		XA237	64										SPI0172	34		01 5	PAR	F1		31A		
01633		XA507	26		XA506	42			168	9			SPI018	01	TWRIOR	01 8	TS8	B1		14A		
01634		XA506	42		XA503	38			168	9			SPI018	02	TWENCA	01 2	TQ2	C1		20A		
01635		XA503	38		XA502	40			168	9			SPI018	03	TRTDPA	01 6	TS8	C1		18A		
01636		XA502	40		XA502	56			168	9			SPI018	04	TSNCOA	01 7	TS8	C1		19A		
01637		XA502	56		XA503	56			168	9			SPI018	05	TRMR0A	01 8	TS8	D1		26A		
01638		XA503	56		XA504	56			168	9			SPI018	06	TSBZY0	01 8	TS8	D1		26A		
01639		XA504	56		XA504	70			168	9			SPI018	07	TRTD3A	01 8	TS8	D1		26A		
												**** SIGNAL SPI018 IS ON THE NEXT PAGE ****										

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DRAWING NUMBER 149016-800 STRING UNIT ASSEMBLY NO. 149016 REV E INDEX SPIO18
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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	PREFIX	CONNECTOR	PIN	WIRE	MULTI GROUP	CODE	COLOR	IDENT											
01640		XA504	70		XA502	70				16B	9		SPIO18	08	TWRI1A	01	8	TS8	E1		33A		
01641		XA502	70		XA502	79				16B	9		SPIO18	09	U1658A	01	8	TS8	F1		33A	001	
01642		XA502	79		XA504	79				16B	9		SPIO18	10	TINT6A	01	8	TS8	F1		39B		
01643		XA504	79		XA505	79				16B	9		SPIO18	11	TREQQA	01	8	TS8	F1		39B		
01644		XA505	79		XA505	78				16B	9		SPIO18	12	TWRQ9A	01	2	TQ2	F1		39B	001	
01645		XA505	78		XA505	74				16B	9		SPIO18	13	TINT1A	01	2	TQ2	F4		38A		
01646		XA505	74		XA505	64				16B	9		SPIO18	14	TRTDOO	01	2	TQ2	F3		35B		
01647		XA505	64		XA506	49				16B	9		SPIO18	15	TKRBSA	01	2	TQ2	E2		30A	002	
01649		XA506	49		XA505	50				16B	9		SPIO18	17	TREQRA	01	2	TQ2	D4		26B		
01650		XA505	50		XA505	49				16B	9		SPIO18	18	TKRS1A	01	2	TQ2	D2		23A		
01651		XA505	49		XA504	42				16B	9		SPIO18	19	TKRS0A	01	2	TQ2	D4		26B		
01652		XA504	42		XA505	42				16B	9		SPIO18	20	TRTD2A	01	8	TS8	C1		20A		
01653		XA505	42		XA505	36				16B	9		SPIO18	21	TLRCBO	01	2	TQ2	C1		20A		
01654		XA505	36		XA506	29				16B	9		SPIO18	22	TTMDCO	01	2	TQ2	C2		17A		
01655		XA506	29		XA504	26				16B	9		SPIO18	23	TXGN2A	01	1	TQ2	C3		14B	004	
01656		XA504	26		XA503	26				16B	9		SPIO18	24	TRTD1A	01	8	TS8	B1		14A		
01657		XA503	26		XA502	26				16B	9		SPIO18	25	TND2A	01	8	TS8	B1		14A		
01658		XA502	26		XA502	08				16B	9		SPIO18	26	TBSY0A	01	8	TS8	B1		14A		
01659		XA502	08		XA503	08				16B	9		SPIO18	27	TRUNAR	01	6	TS8	A1		06A		
01660		XA503	08		XA504	13				16B	9		SPIO18	28	TNSG0A	01	6	TS8	A1		06A		
01661		XA504	13		XA506	13				16B	9		SPIO18	29	TRTDOA	01	8	TS8	A1		06B		
01662		XA506	13		XA507	08				16B	9		SPIO18	30	TS29SA	01	2	TQ2	A4		06B		
01663		XA507	08		XA442	61				16B	9		SPIO18	31	TWENOR	01	6	TS8	A1		06A		
01664		XA442	61		XA445	71				16B	9		SPIO18	32				RR4	G5				
01665		XA445	71		XA446	72				16B	9		SPIO18	33				DCF	D2		34B		
01666		XA446	72										SPIO18	34	UMALEDX	01	1	DCF	D1		36A	001	
62479		XA133	41		XA138	65				16B	9		SPIO181	01	KK03B1U	01	2	DBC	C1		19B		
62481		XA138	65		XA138	37				16B	9		SPIO181	03				TQ2	F3		34B		
62482		XA138	37		XA138	25				16B	9		SPIO181	04	KXX8CA	01	2	TQ2	C6		18B		
62483		XA138	25		XA138	26				16B	9		SPIO181	05	KXRS00	01	2	TQ2	B4		12B		
62484		XA138	26		XA138	20				16B	9		SPIO181	06	KXAS1A	01	2	TQ2	B1		14A		
62485		XA138	20		XA138	19				16B	9		SPIO181	07	KXBSLA	01	2	TQ2	B2		11A		
62486		XA138	19		XA138	13				16B	9		SPIO181	08	KEYINO	01	2	TQ2	B3		09B		
62487		XA138	13		XA139	10				16B	9		SPIO181	09	KXPRSA	01	2	TQ2	A4		06B		
62488		XA139	10		XA139	07				16B	9		SPIO181	10	KXXDRA	01	2	TQ2	A1		07A		
62489		XA139	07		XA139	05				16B	9		SPIO181	11	KXAIFO	01	2	TQ2	A3		03A		
62490		XA139	05		XA138	03				16B	9		SPIO181	12	KXATEO	01	2	TQ2	A2		03B		
62491		XA138	03		XA135	05				16B	9		SPIO181	13	KXGN1A	01	1	TQ2	A3		02A		
62493		XA135	05		XA135	07				16B	9		SPIO181	15	KXRS1A	01	2	TQ2	A2		03B		
62494		XA135	07		XA135	10				16B	9		SPIO181	16	KXRS2A	01	2	TQ2	A3		03A		
62495		XA135	10		XA135	25				16B	9		SPIO181	17	KXRSQA	01	2	TQ2	A1		07A		
62497		XA135	25		XA135	37				16B	9		SPIO181	19	KXCA10	01	2	TQ2	B4		12B		
62498		XA135	37		XA134	39				16B	9		SPIO181	20	KXGN2A	01	2	TQ2	C6		18B		
62499		XA134	39		XA133	61				16B	9		SPIO181	21	KK04B1U	01	1	DBC	C1		18B	002	
62503		XA133	61		XA134	61				16B	9		SPIO181	25	KK08B3U	01	1	DBC	D3		31B		
62504		XA134	61		XA133	66				16B	9		SPIO181	26	KK12B3U	01	1	DBC	D3		31B		
62505		XA133	66		XA134	66				16B	9		SPIO181	27	KXS475U	01	1	DBC	E5		32B		
62506		XA134	66		XA135	79				16B	9		SPIO181	28	KXS035U	01	1	DBC	E5		32B		
62507		XA135	79		XA135	74				16B	9		SPIO181	29	KXROPA	01	2	TQ2	F1		39B		

**** SIGNAL (SPIO181) IS ON THE NEXT PAGE ****

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DRAWING NUMBER
UNIT ASSEMBLY NAME

149016-800 STRING
CARD CAGE ASSY, A, IFCU

UNIT ASSEMBLY NO. 149016
FILE IDENT T39C1FC6

REV E INDEX SPIO181
DATE 09-03-82 PAGE 171

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	BRFC	MULTI GROUP	CODE	COLOR	IDEN											
62508		XA135	74		XA138	79			168	9		SPIO181	30	KXXADA	01	2	TQ2	F3		35B		B02
62511		XA138	79		XA138	73			168	9		SPIO181	33	KXXA50	01	2	TQ2	F1		39B		
62512		XA138	73		XA138	76			168	9		SPIO181	34	KXX050	01	2	TQ2	F2		36B		
62513		XA138	76		XA144	78			168	9		SPIO181	35		01	1	TQ2	F4		37A		
62514		XA144	78									SPIO181	36				RR4	H1				
42349		XA246	76		XA244	72			168	9		SPIO182	01				RR4	H2				
42350		XA244	72		XA242	78			168	9		SPIO182	02	LXASLDX	01	1	DCF	01		36A		C01
42351		XA242	78		XA242	74			168	9		SPIO182	03			01	2	TLD	F4	38A		
42352		XA242	74		XA242	70			168	9		SPIO182	04			01	2	TLD	F3	35B		
42353		XA242	70		XA242	64			168	9		SPIO182	05	LPCR1D	01	2	TLD	E1		33A		
42354		XA242	64		XA242	55			168	9		SPIO182	06	LPCR3D	01	2	TLD	E2		30A		
42355		XA242	55		XA237	55			168	9		SPIO182	07	LPCR4D	01	2	TLD	E3		29B		
62480		XA237	55		XA237	76			168	9		SPIO182	08			01	1	PAR	E1	29B		
62510		XA237	76		XA235	61			168	9		SPIO182	09			01	5	PAR	F1	37A		C01
42293		XA235	61		XA235	48			168	9		SPIO182	10	LK18B3U	01	1	DBC	03		31B		B02
42296		XA235	48		XA234	64			168	9		SPIO182	11	LK0684U	01	1	DBC	C4		22A		B02
42292		XA234	64		XA234	48			168	9		SPIO182	12	LK12B4U	01	1	DBC	D4		30A		B02
42298		XA234	48		XA234	20			168	9		SPIO182	13	LK03B4U	01	1	DBC	C4		22A		B02
42304		XA234	20		XA234	04			168	9		SPIO182	14			01	1	DBC	B1	10A		B02
42309		XA234	04									SPIO182	15			01	1	DBC	A1	02A		B02
01669		XA507	13		XA507	25			168	9		SPIO19	03	TWENOR	01	8	TS8	A1		06B		
01670		XA507	25		XA506	31			168	9		SPIO19	04	TWRIOR	01	7	TS8	B1		12B		
01671		XA506	31		XA514	80			168	9		SPIO19	05	TXGN2A	01	2	TQ2	C3		15B		E03
01458		XA514	80		XA513	80			168	9		SPIO19	10	TWRQ2Q	01	1	TDD	LQ		39A		F01
01459		XA513	80		XA513	53			168	9		SPIO19	11	TREQ2Q	01	1	TDD	LQ		39A		E01
01680		XA513	53		XA513	41			168	9		SPIO19	14	TKC02Q	01	1	TDD	KQ		28B		
01681		XA513	41		XA514	41			168	9		SPIO19	15	TKB00Q	01	1	TDD	HQ		22B		
01682		XA514	41		XA514	29			168	9		SPIO19	16	TKB01Q	01	1	TDD	HQ		22B		
01683		XA514	29		XA514	01			168	9		SPIO19	17	TMWCBQ	01	1	TDD	FQ		14B		E01
05702		XA514	01		XA513	03			168	9		SPIO19	18			01	1	TDD	BN	02B		E01
01685		XA513	03		XA513	14			168	9		SPIO19	19	TWRQ3Q	01	1	TDD	BQ		02A		E01
05698		XA513	14		XA514	17			168	9		SPIO19	20			01	1	TDD	DN	09A		E01
01687		XA514	17		XA521	13			168	9		SPIO19	21	TREQ3Q	01	1	TDD	DQ		08B		
01688		XA521	13		XA519	24			168	9		SPIO19	22	TCZR7A	01	8	TS8	A1		04B		
01689		XA519	24		XA521	42			168	9		SPIO19	23			01	1	TQ2	B1	13A		
01690		XA521	42		XA521	68			168	9		SPIO19	24	TRWCOA	01	8	TS8	C1		20A		
01691		XA521	68		XA526	65			168	9		SPIO19	25	TRRCOA	01	7	TS8	E1		32A		
01692		XA526	65		XA526	63			168	9		SPIO19	26	TMO2BQ	01	1	TDD	MQ		34B		A03
01693		XA526	63		XA526	56			168	9		SPIO19	27	TKA02Q	01	1	TDD	JQ		33B		
01694		XA526	56		XA526	42			168	9		SPIO19	28	TS30CN	01	1	TDD	GN		24A		A03
01695		XA526	42		XA526	26			168	9		SPIO19	29	TS26CN	01	1	TDD	EN		20A		
01696		XA526	26		XA526	10			168	9		SPIO19	30	TS30BN	01	1	TDD	CN		14A		
01697		XA526	10		XA527	10			168	9		SPIO19	31	TS14BN	01	1	TDD	AN		07A		
01698		XA527	10		XA442	78			168	9		SPIO19	32	TEBZRA	01	7	TS8	A1		07A		D01
01699		XA442	78									SPIO19	33				RR4	H1				
62500		XA134	47		XA139	19			168	9		SPIO191	00C	KK04B3U	01	1	DBC	C3		23A		B02
62515		XA139	19		XA140	47			168	9		SPIO191	01	KXGN4A	01	2	TQ2	B3		09B		
									****	SIGNAL		[SPIO191]		IS ON THE		NEXT PAGE		****				

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DRAWING NUMBER 149016-800 STRING UNIT ASSEMBLY NO. 149016 REV E INDEX SPI0191
 UNIT ASSEMBLY NAME CARD CAGE ASSY, A, IFCU FILE IDENT T39C1FC6 DATE 09-03-82 PAGE 172

RECORD NUMBER	FROM			TO			WIRE				SIGNAL	SIG NO	EQUATION	TERM	FACTOR	CKT OR CHIP TYPE	SAMP	LOAD OR LOWER PLANE	TEST POINTS AND/OR	SIGNAL DESCRIPTION	ECO NO	
	PREFIX	CONNECTOR	PIN	PREFIX	CONNECTOR	PIN	MULTI GROUP	CODE	COLOR	IDENT												
62516		XA140	47		XA140	41			168	9		SPI0191	02		01	1	TLD	D4	25B			
62517		XA140	41		XA141	43			168	9		SPI0191	03		01	1	TLD	D3	22B			
62518		XA141	43		XA141	47			168	9		SPI0191	04		01	2	TLD	O3	23B			
62519		XA141	47		XA140	50			168	9		SPI0191	05		01	1	TLD	D4	25B			
62520		XA140	50		XA141	50			168	9		SPI0191	06		01	2	TLD	D2	23A			
62521		XA141	50		XA141	54			168	9		SPI0191	07		01	2	TLD	D2	23A			
62522		XA141	54		XA141	53			168	9		SPI0191	08		01	1	TLD	O1	25A			
62523		XA141	53		XA140	54			168	9		SPI0191	09		01	1	TLD	E3	28B			
62524		XA140	54		XA140	55			168	9		SPI0191	10		01	1	TLD	D1	25A			
62525		XA140	55		XA140	59			168	9		SPI0191	11		01	2	TLD	E3	29B			
62526		XA140	59		XA140	65			168	9		SPI0191	12		01	1	TLD	E4	31B			
62527		XA140	65		XA140	71			168	9		SPI0191	13		01	1	TLD	E3	34B			
62528		XA140	71		XA140	77			168	9		SPI0191	14		01	1	TLD	F2	36A			
62529		XA140	77		XA138	78			168	9		SPI0191	15		01	1	TLD	F1	38B			
62530		XA138	78		XA140	76			168	9		SPI0191	16		01	2	TQ2	F4	38A			
62531		XA140	76		XA141	73			168	9		SPI0191	17		01	1	TLD	F4	37A			
62532		XA141	73		XA141	79			168	9		SPI0191	18		01	2	TLD	F2	36B			
62533		XA141	79		XA141	76			168	9		SPI0191	19		01	2	TLD	F1	39B			
62534		XA141	76		XA142	71			168	9		SPI0191	20		01	1	TLD	F4	37A			
62535		XA142	71		XA141	68			168	9		SPI0191	21	KXASLOX	01	1	DCE	D2	34B			
62536		XA141	68		XA140	68			168	9		SPI0191	22		01	1	TLD	E1	32A			
62537		XA140	68		XA140	64			168	9		SPI0191	23		01	1	TLD	F1	32A			
62538		XA140	64		XA141	65			168	9		SPI0191	24		01	2	TLD	E2	30A			
62539		XA141	65		XA141	61			168	9		SPI0191	25		01	1	TLD	F3	34B			
62540		XA141	61		XA141	62			168	9		SPI0191	26		01	2	TLD	E4	32B			
62541		XA141	62		XA144	76			168	9		SPI0191	27		01	1	TLD	E2	29A			
62542		XA144	76									SPI0191	28				RR4	H2				
42356		XA246	75		XA244	71			168	9		SPI0192	01				RR4	H3				
42357		XA244	71		XA242	76			168	9		SPI0192	02	LXASLOX	01	1	DCE	D2	34B			
42358		XA242	76		XA242	65			168	9		SPI0192	03		01	1	TLD	F4	37A			
42359		XA242	65		XA234	21			168	9		SPI0192	04		01	1	TLD	F3	34B			
42306		XA234	21		XA234	05			168	9		SPI0192	05		01	1	DBC	B4	10B		B02	
42307		XA234	05									SPI0192	06		01	1	DBC	A4	03B		B02	
06518		XA507	20		XA507	70			168	9		SPI020	005	TWRTOR	01	4	TS8	B1	11A			
01700		XA507	70		XA507	79			168	9		SPI020	01	TREQ4A	01	8	TS8	E1	33A			
01701		XA507	79		XA511	79			168	9		SPI020	02	TREN2R	01	8	TS8	F1	39B			
01702		XA511	79		XA511	73			168	9		SPI020	03	TWDE0	01	2	TQ2	F1	39B			
01703		XA511	73		XA514	05			168	9		SPI020	04	TWDE0	01	2	TQ2	F2	36B			
06671		XA514	05		XA513	18			168	9		SPI020	06		01	1	TDD	B1	03B		E01	
05142		XA513	18		XA513	63			168	9		SPI020	07		01	1	TDD	BT	10A		E01	
01707		XA513	63		XA514	63			168	9		SPI020	08	TKC01Q	01	1	TDD	JQ	33B			
01708		XA514	63		XA514	51			168	9		SPI020	09	TKC00Q	01	1	TDD	JQ	33B			
01709		XA514	51		XA513	54			168	9		SPI020	10	TKA01Q	01	1	TDD	GQ	27B			
01710		XA513	54		XA511	54			168	9		SPI020	11	TKA00I	01	1	TDD	GI	25A			
01711		XA511	54		XA511	43			168	9		SPI020	12	TREWCO	01	1	TQ2	D1	25A		001	
01712		XA511	43		XA509	34			168	9		SPI020	13	TWDRCO	01	2	TQ2	D3	23B			
01713		XA509	34		XA508	36			168	9		SPI020	14	TNSG1A	01	3	TT3	C2	16A			
01714		XA508	36		XA508	50			168	9		SPI020	15	TEST6A	01	4	TD4	C2	17A			
									****	SIGNAL	{SPI020		IS ON THE	NEXT PAGE	****							

H78-14 525
 DRAWING NUMBER
 UNIT ASSEMBLY NAME

149016-800 STRING
 CARD CAGE ASSY,A,IFCU

UNIT ASSEMBLY NO. 149016
 FILE IDENT T39C1FC6

REV E INDEX SPI020
 DATE 09-03-82 PAGE 173

RECORD NUMBER	FROM			TO			WIRE				SIGNAL	SEQ NO	EQUATION	2 1 2	2 1 2	C 1 2	OP CH P	PROP	LOAD OR POWER PLANE	TEST POINTS AND/OR	SIGNAL DESCRIPTION	FLD NO
	PREFIX	CONNECTOR	PIN	PREFIX	CONNECTOR	PIN	MULTI GROUP	COND	FLOOR	IDENY												
01715	XA508	50		XA508	13			168	9			SPI020	16	TNSG1A	01	4	T04	D2		23A		D01
01717	XA508	13		XA509	05			168	9			SPI020	18	TNSG00	01	4	T04	A1		06B		
01718	XA509	05		XA512	05			168	9			SPI020	19	TWRQ5A	01	3	TT3	A2		03B		
01719	XA512	05		XA512	07			168	9			SPI020	20	TMO0SA	01	2	TQ2	A2		03B		
01720	XA512	07		XA511	20			168	9			SPI020	21	TMO1SA	01	2	TQ2	A3		03A		
01721	XA511	20		XA513	15			168	9			SPI020	22	TADSAA	01	2	TQ2	B2		11A		D01
01722	XA513	15		XA514	15			168	9			SPI020	23	TWRQ1Q	01	1	TDD	AQ		07B		
01723	XA514	15		XA514	27			168	9			SPI020	24	TWRQ0Q	01	1	TDD	AQ		07B		
01724	XA514	27		XA513	27			168	9			SPI020	25	TREQ1Q	01	1	TDD	C0		13B		
01725	XA513	27		XA514	39			168	9			SPI020	26	TREQ0Q	01	1	TDD	C0		13B		
01726	XA514	39		XA516	25			168	9			SPI020	27	TMO3BQ	01	1	TDD	E0		19B		
01727	XA516	25		XA516	26			168	9			SPI020	28	TRRS6A	01	2	TQ2	B4		12B		
01728	XA516	26		XA516	20			168	9			SPI020	29	TRRS0A	01	2	TQ2	B1		14A		
01729	XA516	20		XA516	19			168	9			SPI020	30	TRRS2A	01	2	TQ2	B2		11A		
01730	XA516	19		XA516	13			168	9			SPI020	31	TRRS4A	01	2	TQ2	B3		09B		
01731	XA516	13		XA516	07			168	9			SPI020	32	TRST5A	01	2	TQ2	A4		06B		
01732	XA516	07		XA516	05			168	9			SPI020	33	TRST4A	01	2	TQ2	A3		03A		
01733	XA516	05		XA516	10			168	9			SPI020	34	TRST1A	01	2	TQ2	A2		03B		
01734	XA516	10		XA442	76			168	9			SPI020	35	TRST0A	01	2	TQ2	A1		07A		
01735	XA442	76										SPI020	36				RR4	H2				
62502	XA133	47		XA139	13			168	9			SPI0201	005	KKQ3B3U	01	1	D3C	C3		23A		B02
62543	XA139	13		XA139	17			168	9			SPI0201	01	KXB1E0	01	2	TQ2	A4		06B		
62544	XA139	17		XA139	20			168	9			SPI0201	02	KXGN4A	01	1	TQ2	B3		08B		
62545	XA139	20		XA139	26			168	9			SPI0201	03	KENIN0	01	2	TQ2	B2		11A		
62546	XA139	26		XA139	25			168	9			SPI0201	04	KXB1F0	01	2	TQ2	B1		14A		
62547	XA139	25		XA139	37			168	9			SPI0201	05	K04MZ0	01	2	TQ2	B4		12B		
62548	XA139	37		XA140	37			168	9			SPI0201	06	KXXACA	01	2	TQ2	C4		18B		
62549	XA140	37		XA141	37			168	9			SPI0201	07	KXBR4D1	01	2	TLD	C4		18B		
62550	XA141	37		XA141	41			168	9			SPI0201	08	KXAR4D1	01	2	TLD	C4		18B		
62551	XA141	41		XA141	49			168	9			SPI0201	09			01	1	TLD	D3		22B	
62552	XA141	49		XA140	48			168	9			SPI0201	10			01	2	TLD	D4		26B	
62553	XA140	48		XA141	48			168	9			SPI0201	11			01	1	TLD	D2		22A	
62554	XA141	48		XA141	56			168	9			SPI0201	12			01	1	TLD	D2		22A	
62555	XA141	56		XA140	56			168	9			SPI0201	13			01	2	TLD	D1		26A	
62556	XA140	56		XA140	53			168	9			SPI0201	14			01	2	TLD	D1		26A	
62557	XA140	53		XA140	49			168	9			SPI0201	15			01	1	TLD	E3		28B	
62558	XA140	49		XA140	43			168	9			SPI0201	16			01	2	TLD	D4		26B	
62559	XA140	43		XA140	61			168	9			SPI0201	17			01	2	TLD	D3		23B	
62560	XA140	61		XA140	62			168	9			SPI0201	18			01	2	TLD	F4		32B	
62561	XA140	62		XA140	70			168	9			SPI0201	19			01	1	TLD	E2		29A	
62562	XA140	70		XA140	74			168	9			SPI0201	20			01	2	TLD	F1		33A	
62563	XA140	74		XA140	73			168	9			SPI0201	21			01	2	TLD	F3		35B	
62564	XA140	73		XA139	74			168	9			SPI0201	22			01	2	TLD	F2		36B	
62565	XA139	74		XA139	73			168	9			SPI0201	23	KXXB20	01	2	TQ2	F3		35B		
62566	XA139	73		XA139	79			168	9			SPI0201	24	KXXB10	01	2	TQ2	F2		36B		
62567	XA139	79		XA139	78			168	9			SPI0201	25	KXXB00	01	2	TQ2	F1		39B		
62568	XA139	78		XA140	79			168	9			SPI0201	26	KXXA40	01	2	TQ2	F4		38A		
62569	XA140	79		XA140	78			168	9			SPI0201	27			01	2	TLD	F1		39B	
62570	XA140	78		XA144	75			168	9			SPI0201	28			01	2	TLD	F4		38A	

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149016-800
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UNIT ASSEMBLY NO. 149016
FILE IDENT T39CIFC6

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RECORD NUMBER	PREFIX	CONNECTOR	PIN	2 A	PREFIX	CONNECTOR	PIN	MULTI GROUP	CODE	COLOR	IDENT	SFC IN SFC	SIGNAL	SFC NO	EQUATION	TR	FACT	OR CHIP TYPE	GROUP	OP POWER PLANE	POINTS		SIGNAL DESCRIPTION	ECO NO			
																					AND	OR					
62571		XA144	75										SPI0201	29				RR4	H3								
07126		XA525	64			XA520	64		16B	9			SPI021	005	TLCC1S	01	4	TD4	E2		30A		C03				
01736		XA520	64			XA516	73		16B	9			SPI021	01	TDRS1A	01	2	TQ2	E2		30A						
01737		XA516	73			XA517	70		16B	9			SPI021	02		01	2	TQ2	F2		30B						
01739		XA517	70			XA517	64		16B	9			SPI021	04	THRS0A	01	2	TQ2	E1		33A						
01740		XA517	64			XA517	56		16B	9			SPI021	05	TMCPO0	01	2	TQ2	E2		30A						
01741		XA517	56			XA516	56		16B	9			SPI021	06	TADS00	01	2	TQ2	D1		24A		D01				
01742		XA516	56			XA517	49		16B	9			SPI021	07	TRB0CA	01	2	TQ2	D1		26A						
01743		XA517	49			XA517	50		16B	9			SPI021	08	TWDBSA	01	2	TQ2	D4		26B						
01744		XA517	50			XA517	42		16B	9			SPI021	09	TADS10	01	2	TQ2	D2		23A		D01				
01745		XA517	42			XA517	36		16B	9			SPI021	10	TLRCSA	01	2	TQ2	C1		20A						
01746		XA517	36			XA517	37		16B	9			SPI021	11	UWLS0A	01	2	TQ2	C2		17A		D01				
01747		XA517	37			XA516	36		16B	9			SPI021	12	UWLNK10	01	2	TQ2	C4		18B		D01				
01748		XA516	36			XA516	42		16B	9			SPI021	13	TRRS3A	01	2	TQ2	C2		17A						
01749		XA516	42			XA516	43		16B	9			SPI021	14	TRRS1A	01	2	TQ2	C1		20A						
01750		XA516	43			XA516	37		16B	9			SPI021	15	UWLS00	01	2	TQ2	D3		23B		D01				
01751		XA516	37			XA516	31		16B	9			SPI021	16	TRRS7A	01	2	TQ2	C4		18B						
01752		XA516	31			XA517	31		16B	9			SPI021	17	TRRS5A	01	2	TQ2	C3		15B						
01753		XA517	31			XA517	05		16B	9			SPI021	18	UWLNK00	01	2	TQ2	C3		15B		D01				
01754		XA517	05			XA517	10		16B	9			SPI021	19	TRST10	01	2	TQ2	A2		03B						
01755		XA517	10			XA517	20		16B	9			SPI021	20	TRST00	01	2	TQ2	A1		07A						
01756		XA517	20			XA517	19		16B	9			SPI021	21	TTCP10	01	2	TQ2	B2		11A						
01757		XA517	19			XA517	25		16B	9			SPI021	22	TTRS0A	01	2	TQ2	B3		09B						
01758		XA517	25			XA517	26		16B	9			SPI021	23	TTRS1A	01	2	TQ2	B4		12B						
01759		XA517	26			XA519	26		16B	9			SPI021	24	TICPO0	01	2	TQ2	B1		14A						
01760		XA519	26			XA520	25		16B	9			SPI021	25		01	2	TQ2	B1		14A						
01761		XA520	25			XA520	20		16B	9			SPI021	26	TRUNC0	01	2	TQ2	B4		12B		D01				
01763		XA520	20			XA520	19		16B	9			SPI021	28	T080U0	01	2	TQ2	B2		11A		D01				
01764		XA520	19			XA520	13		16B	9			SPI021	29	TCZR70	01	2	TQ2	B3		09B						
01765		XA520	13			XA520	05		16B	9			SPI021	30	T200M0	01	2	TQ2	A4		06B		D01				
01766		XA520	05			XA520	07		16B	9			SPI021	31	T030M0	01	2	TQ2	A2		03B		D01				
01767		XA520	07			XA520	10		16B	9			SPI021	32	T033M0	01	2	TQ2	A3		03A		E03				
01768		XA520	10			XA442	75		16B	9			SPI021	33	T003M0	01	2	TQ2	A1		07A						
01769		XA442	75										SPI021	34				RR4	H3								
62572		XA144	73			XA142	72		16B	9			SPI0211	01				RR4	H4								
62573		XA142	72			XA141	71		16B	9			SPI0211	02	KXASL DX	01	1	DCE	D1		36A		C01				
62574		XA141	71			XA141	77		16B	9			SPI0211	03		01	1	TLD	F2		36A						
62575		XA141	77			XA141	78		16B	9			SPI0211	04		01	1	TLD	F1		38B						
62576		XA141	78			XA141	74		16B	9			SPI0211	05		01	2	TLD	F4		38A						
62577		XA141	74			XA141	70		16B	9			SPI0211	06		01	2	TLD	F3		35B						
62578		XA141	70			XA141	64		16B	9			SPI0211	07		01	2	TLD	E1		33A						
62579		XA141	64			XA141	59		16B	9			SPI0211	08		01	2	TLD	E2		30A						
62580		XA141	59			XA141	55		16B	9			SPI0211	09		01	1	TLD	E4		31B						
62581		XA141	55										SPI0211	10		01	2	TLD	E3		29B						
01770		XA442	73			XA516	71		16B	9			SPI022	01				RR4	H4								
08297		XA516	71			XA521	10		16B	9			SPI022	015				01	1	TQ2	F2	36A					
01771		XA521	10			XA523	13		16B	9			SPI022	02	TCZR7A	01	7	TSB	A1		07A						
													****	SIGNAL		SPI022	IS ON THE NEXT PAGE										****

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Table with columns: RECORD NUMBER, PREFIX, CONNECTOR, PIN, TO, PREFIX, CONNECTOR, PIN, MULT. GROUP, CODE, COLOR, I.DEN, SPC. INST. VALUE, SIGNAL, SEQ NO, EQUATION, TERM, FACTOR, CKT OR CHIP TYPE, GROUP, LOAD OR POWER PLANE, TEST POINTS AND/OR, SIGNAL DESCRIPTION, ECC NO. Contains detailed electrical connection data for various components.

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STRING
UNIT ASSEMBLY NO. 149016
FILE IDENT T39C1FC6

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RECORD NUMBER	FROM				TO				WIRE				SIGNAL	SEQ NO	EQUATION	TERM FACTOR	CKT OR CHIP TYPE	GROUP	LOAD OR POWER PLANE	TEST POINTS		SIGNAL DESCRIPTION	EIO NO
	PREFIX	CONNECTOR	PIN	SOLE	PREFIX	CONNECTOR	PIN	SOLE	MULTI-GROUP	CODE	COLOR	IDENT								AND	OR		
01892		XA544	45		XA541	52				168	9		SPI026	01		RR4	E4						
01893		XA541	52		XA540	46				168	9		SPI026	02	TLRC2P	01	TDD	GP		24A			
01894		XA540	46		XA541	38				168	9		SPI026	03	TLRCPER	01	EOR	D4		21A			
01895		XA541	38		XA541	27				168	9		SPI026	04	TLRCOP	01	TDD	EP		18A			
01896		XA541	27		XA541	15				168	9		SPI026	05	TDIRSQ	01	TDD	CO		13B			
01897		XA541	15		XA539	03				168	9		SPI026	06	TTS1BQ	01	TDD	AQ		07B		E01	
01902		XA539	03		XA539	17				168	9		SPI026	11	TASLQ	01	TDD	BQ		02A			
01903		XA539	17		XA540	53				168	9		SPI026	12	TXXC4Q	01	TDD	DQ		08B			
01917		XA540	53		XA540	57				168	9		SPI026	26	TLRCOER	01	EOR	E1		28B			
01918		XA540	57		XA540	61				168	9		SPI026	27	TLRC3ER	01	EOR	E4		28A			
01919		XA540	61		XA540	64				168	9		SPI026	28	TLRC1ER	01	EOR	E2		31B			
01920		XA540	64		XA541	66				168	9		SPI026	29	TLRC2ER	01	EOR	F3		31A			
01921		XA541	66		XA540	69				168	9		SPI026	30	TLRC4P	01	TDD	JP		31A		E01	
01923		XA540	69		XA540	75				168	9		SPI026	32	TLRC4ER	01	EOR	F1		34B			
01924		XA540	75		XA540	76				168	9		SPI026	33	TLRC5ER	01	EOR	F2		37B			
01925		XA540	76		XA541	75				168	9		SPI026	34	TLRC6ER	01	EOR	F3		37A			
01926		XA541	75										SPI026	35	TLRC6P	01	TDD	LP		37B		D01	
01937		XA546	11		XA545	11				168	9		SPI028	01	TRDB00X	01	DCF	A2		04B			
01938		XA545	11		XA545	31				168	9		SPI028	02	TBOT10X	01	DCF	A2		04B			
01939		XA545	31		XA546	31				168	9		SPI028	03	TEOT10X	01	DCF	B2		12B			
01940		XA546	31		XA546	49				168	9		SPI028	04	TRDB40X	01	DCF	B2		12B			
01941		XA546	49		XA545	49				168	9		SPI028	05	TRDBPOX	01	DCF	C2		27B			
01942		XA545	49		XA544	62				168	9		SPI028	06	TFRP10X	01	DCF	C2		27B			
01943		XA544	62		XA546	71				168	9		SPI028	07			RR4	F1					
01944		XA546	71		XA545	71				168	9		SPI028	08	TRDY10X	01	DCF	D2		34B			
01945		XA545	71		XA543	76				168	9		SPI028	09	TREW10X	01	DCF	D2		34B			
01946		XA543	76		XA543	71				168	9		SPI028	10	KIFOND4	01	TLD	F4		37A			
01947		XA543	71		XA543	65				168	9		SPI028	11			TLD	F2		36A			
01948		XA543	65		XA542	65				168	9		SPI028	12			TLD	F3		34B			
01949		XA542	65		XA541	64				168	9		SPI028	13	TT07BQ	01	TDD	MQ		34B			
01950		XA541	64		XA541	73				168	9		SPI028	14	TLRC5P	01	TDD	KP		30A			
01951		XA541	73		XA542	53				168	9		SPI028	15	TLRC7P	01	TDD	MP		36B			
01952		XA542	53		XA541	50				168	9		SPI028	16	TT05BQ	01	TDD	KQ		28B			
01953		XA541	50		XA542	41				168	9		SPI028	17	TLRC3P	01	TDD	HP		23A			
01954		XA542	41		XA541	36				168	9		SPI028	18	TT03BQ	01	TDD	HQ		22B			
01955		XA541	36		XA542	29				168	9		SPI028	19	TLRC1P	01	TDD	FP		17A			
01956		XA542	29		XA541	20				168	9		SPI028	20	TT01BQ	01	TDD	FQ		14B			
01957		XA541	20		XA542	17				168	9		SPI028	21	TLRCPP	01	TDD	DP		11A			
01958		XA542	17		XA542	03				168	9		SPI028	22	TT0PBQ	01	TDD	DQ		08B			
01959		XA542	03										SPI028	23	TTS4BQ	01	TDD	BQ		02A		D01	
01960		XA546	06		XA545	06				168	9		SPI029	01	TRDB0DX	401	DCF	A1		05A			
01961		XA545	06		XA542	15				168	9		SPI029	02	TBOT1DX	401	DCF	A1		05A			
01962		XA542	15		XA542	39				168	9		SPI029	03	TTS3BQ	01	TDD	AQ		07B			
01963		XA542	39		XA542	27				168	9		SPI029	04	TT00BQ	01	TDD	EQ		19B			
01964		XA542	27		XA543	31				168	9		SPI029	05	TSPNSQ	01	TDD	CQ		13B			
01965		XA543	31		XA543	37				168	9		SPI029	06	TWDBED4	01	TLD	C3		15B			
01966		XA543	37		XA545	36				168	9		SPI029	07	TWLRC4	01	TLD	C4		18B			
01967		XA545	36		XA546	36				168	9		SPI029	08	TEOT1DX	401	DCF	B1		13A			
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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	LEVEL	PREFIX	CONNECTOR	PIN	LEVEL	DR / B	MULTI GROUP	CODE	COLOR											IDEN
51904		XA317	26		XA318	20					168	9		SPI1001	59	MPDSCA	01 8	TS8	B1		14A		
51905		XA318	20		XA319	31					168	9		SPI1001	60	MBSYOA	01 4	TD4	B2		11A		
51906		XA319	31		XA318	36					168	9		SPI1001	61		01 6	MUX	B1		14B		
51907		XA318	36		XA318	37					168	9		SPI1001	62		01 4	TD4	C2		17A		
51908		XA318	37		XA317	42					168	9		SPI1001	63		01 1	TD4	C1		18B		
51909		XA317	42		XA318	79					168	9		SPI1001	64	MPCRSA	01 8	TS8	C1		20A		
51910		XA318	79		XA317	71					168	9		SPI1001	65	MINT10	01 4	TD4	F1		39B		
51911		XA317	71		XA317	68					168	9		SPI1001	66		01 1	TS8	F1		36A		
51912		XA317	68		XA318	72					168	9		SPI1001	67	MSNCOA	01 7	TS8	E1		32A		
51913		XA318	72		XA318	70					168	9		SPI1001	68		01 2	TD4	F2		34A		
51914		XA318	70		XA318	60					168	9		SPI1001	69		01 4	TD4	E1		33A		
51915		XA318	60		XA317	56					168	9		SPI1001	70		01 2	TD4	E2		28A		
51916		XA317	56		XA318	49					168	9		SPI1001	71	MAENZ2	01 8	TS8	D1		26A		
51917		XA318	49		XA318	50					168	9		SPI1001	72		01 1	TD4	D1		26B		
51918		XA318	50		XA319	39					168	9		SPI1001	73		01 4	TD4	D2		23A		
51919		XA319	39		XA320	39					168	9		SPI1001	74		01 3	MUX	C1		18B		
51920		XA320	39		XA321	39					168	9		SPI1001	75	MK10BQ	01 1	TDD	EQ		19B		
51921		XA321	39		XA322	39					168	9		SPI1001	76	MK05BQ	01 1	TDD	EQ		19B		
51922		XA322	39		XA322	51					168	9		SPI1001	77	MK04BQ	01 1	TDD	EQ		19B		
51923		XA322	51		XA321	52					168	9		SPI1001	78	MK22BQ	01 1	TDD	GQ		27B		
51924		XA321	52		XA320	52					168	9		SPI1001	79	MAE00P	01 1	TDD	GP		24A		
51925		XA320	52		XA320	66					168	9		SPI1001	80	MAE01P	01 1	TDD	GP		24A		
51926		XA320	66		XA321	66					168	9		SPI1001	81	MAE12P	01 1	TDD	JP		31A		
51927		XA321	66		XA322	66					168	9		SPI1001	82	MAE11P	01 1	TDD	JP		31A		
51928		XA322	66		XA346	39					168	9		SPI1001	83	MAE10P	01 1	TDD	JP		31A		
51929		XA346	39											SPI1001	84			RR4	D5				
51930		XA346	52		XA320	50					168	9		SPI1002	51			RR4	E1				
51931		XA320	50		XA322	50					168	9		SPI1002	52	MAE04P	01 1	TDD	HP		23A		
51932		XA322	50		XA321	50					168	9		SPI1002	53	MAE02P	01 1	TDD	HP		23A		
51933		XA321	50		XA321	64					168	9		SPI1002	54	MAE03P	01 1	TDD	HP		23A		
51934		XA321	64		XA320	62					168	9		SPI1002	55	MAE14P	01 1	TDD	KP		30A		
51935		XA320	62		XA317	73					168	9		SPI1002	56	MAENCI	01 1	TDD	KI		29A		
51936		XA317	73		XA318	71					168	9		SPI1002	57		01 3	TS8	F1		36B		
51937		XA318	71		XA317	66					168	9		SPI1002	58		01 1	TD4	F2		36A		
51938		XA317	66		XA318	68					168	9		SPI1002	59	MSNCOA	01 6	TS8	E1		31A		
51939		XA318	68		XA318	62					168	9		SPI1002	60		01 3	TD4	E1		32A		
51940		XA318	62		XA318	56					168	9		SPI1002	61		01 3	TD4	E2		29A		
51941		XA318	56		XA319	47					168	9		SPI1002	62		01 4	TD4	D1		26A		
51942		XA319	47		XA318	48					168	9		SPI1002	63		01 7	MUX	C1		23A		
51943		XA318	48		XA318	42					168	9		SPI1002	64		01 3	TD4	D2		22A		
51944		XA318	42		XA318	34					168	9		SPI1002	65		01 4	TD4	C1		20A		
51945		XA318	34		XA319	33					168	9		SPI1002	66		01 3	TD4	C2		16A		
51946		XA319	33		XA320	29					168	9		SPI1002	67		01 8	MUX	B1		16A		
51947		XA320	29		XA320	26					168	9		SPI1002	68	MK17BQ	01 1	TDD	FQ		14B		
51948		XA320	26		XA321	29					168	9		SPI1002	69		01 1	TDD	CN		14A		
51949		XA321	29		XA322	29					168	9		SPI1002	70	MK16BQ	01 1	TDD	FQ		14B		
51950		XA322	29		XA321	26					168	9		SPI1002	71	MK11BQ	01 1	TDD	FQ		14B		
51951		XA321	26		XA322	26					168	9		SPI1002	72		01 1	TDD	CN		14A		
51952		XA322	26		XA322	10					168	9		SPI1002	73		01 1	TDD	CN		14A		
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149016-800
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	PREFIX	CONNECTOR	PIN	NO	PREFIX	CONNECTOR	PIN	NO	MULTI-GROUP	CODE	COLOR											
51953		XA322	10		XA321	10				168	9		SPI1002	74	MPFLTN	01 1	TDD	AN		07A		
51954		XA321	10		XA320	10				168	9		SPI1002	75	MPRTGN	01 1	TDD	AN		07A		
51955		XA320	10		XA319	03				168	9		SPI1002	76	MCDERN	01 1	TDD	AN		07A		
51956		XA319	03		XA317	13				168	9		SPI1002	77		01 1	MUX	A1		02B		
51957		XA317	13		XA317	25				168	9		SPI1002	78	MXSSOA	01 8	TS8	A1		06B		
51958		XA317	25										SPI1002	79	MPDSCA	01 7	TS8	B1		12B		
51959		XA346	48		XA334	59				168	9		SPI1003	51				RR4	E2			
51960		XA334	59		XA335	57				168	9		SPI1003	56	MK12B1U	01 4	DBC	D1		30B		
51961		XA335	57		XA335	45				168	9		SPI1003	57	MK18B1U	01 3	DBC	D1		29B		
51962		XA335	45		XA334	45				168	9		SPI1003	58	MK06B1U	01 4	DBC	C1		23B		
51963		XA334	45		XA332	38				168	9		SPI1003	59	MK03B1U	01 4	DBC	C1		23B		
51964		XA332	38		XA331	29				168	9		SPI1003	60	MXDVIA	01 6	TS8	C1		18A		
51965		XA331	29		XA330	36				168	9		SPI1003	61	MX1MAQ	01 1	TDD	FQ		14B		
51966		XA330	36		XA329	46				168	9		SPI1003	62	MX1MBP	01 1	TDD	FP		17A		
51967		XA329	46		XA319	50				168	9		SPI1003	63		01 1	TDD	HN		21A		
51968		XA319	50		XA317	70				168	9		SPI1003	64		01 8	MUX	C1		24A		
51969		XA317	70		XA317	72				168	9		SPI1003	65	MSNCOA	01 8	TS8	F1		33A		
51970		XA317	72		XA318	74				168	9		SPI1003	66		01 2	TS8	F1		34A		
51971		XA318	74		XA318	66				168	9		SPI1003	67		01 4	TD4	F2		35B		
51972		XA318	66		XA318	64				168	9		SPI1003	68		01 2	TD4	E1		31A		
51973		XA318	64		XA318	54				168	9		SPI1003	69		01 4	TD4	E2		30A		
51974		XA318	54		XA318	40				168	9		SPI1003	70		01 3	TD4	D1		25A		
51975		XA318	40		XA318	43				168	9		SPI1003	71		01 3	TD4	C1		19A		
51976		XA318	43		XA318	31				168	9		SPI1003	72		01 1	TD4	D2		23B		
51977		XA318	31		XA319	29				168	9		SPI1003	73		01 2	TD4	C2		15B		
51978		XA319	29		XA320	22				168	9		SPI1003	74		01 5	MUX	B1		13B		
51979		XA320	22		XA321	22				168	9		SPI1003	75		01 1	TDD	CP		12A		
51980		XA321	22		XA322	22				168	9		SPI1003	76		01 1	TDD	CP		12A		
51981		XA322	22		XA322	04				168	9		SPI1003	77		01 1	TDD	CP		12A		
51982		XA322	04		XA321	03				168	9		SPI1003	78	WDMNDP	01 1	TDD	BP		04A		
51983		XA321	03		XA319	07				168	9		SPI1003	79	MLPTIQ	01 1	TDD	BQ		02A		
51984		XA319	07										SPI1003	80		01 3	MUX	A1		04B		
51985		XA346	47		XA344	73				168	9		SPI1004	51				RR4	E3			
51986		XA344	73		XA334	41				168	9		SPI1004	52	MXBSIOX	01 1	DCF	D4		35B		
51987		XA334	41		XA335	41				168	9		SPI1004	57	MK03B1U	01 2	DBC	C1		19B		
51988		XA335	41		XA335	59				168	9		SPI1004	58	MK06B1U	01 2	DBC	C1		19B		
51989		XA335	59		XA334	55				168	9		SPI1004	59	MK18B1U	01 4	DBC	D1		30B		
51990		XA334	55		XA329	50				168	9		SPI1004	60	MK12B1U	01 2	DBC	D1		27B		
51991		XA329	50		XA330	29				168	9		SPI1004	61		01 1	TDD	HP		23A		
51992		XA330	29		XA322	27				168	9		SPI1004	62	MX1MRQ	01 1	TDD	FQ		14B		
51993		XA322	27		XA321	27				168	9		SPI1004	63		01 1	TDD	CQ		13B		
51994		XA321	27		XA320	27				168	9		SPI1004	64		01 1	TDD	CQ		13B		
51995		XA320	27		XA319	17				168	9		SPI1004	65		01 1	TDD	CQ		13B		
51996		XA319	17		XA319	23				168	9		SPI1004	66		01 8	MUX	A1		08B		
51997		XA319	23		XA318	30				168	9		SPI1004	67		01 3	MUX	B1		11B		
51998		XA318	30		XA319	35				168	9		SPI1004	68		01 1	TD4	C2		15A		
51999		XA319	35		XA318	38				168	9		SPI1004	69		01 1	MUX	C1		16B		
52000		XA318	38		XA318	46				168	9		SPI1004	70		01 2	TD4	C1		18A		

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	PREFIX	CONNECTOR	PIN	PAFC	PREFIX	CONNECTOR	PIN	DATE	MULTI GROUP	CODE	COLOR											
52001		XA318	46		XA318	52			168	9		SPI1004	71		01	2	TD4	D2		21A		
52002		XA318	52		XA318	55			168	9		SPI1004	72		01	2	TD4	D1		24A		
52003		XA318	55		XA318	61			168	9		SPI1004	73		01	1	TD4	E2		29B		
52004		XA318	61		XA318	73			168	9		SPI1004	74		01	1	TD4	E1		32B		
52005		XA318	73		XA317	75			168	9		SPI1004	75		01	3	TD4	F2		36B		
52006		XA317	75									SPI1004	76		01	5	TS8	F1		37B		
52007		XA346	45		XA334	53			168	9		SPI1005	51				RR4	E4				
52008		XA334	53		XA335	53			168	9		SPI1005	56	MKI281U	01	1	DBC	D1		26B		
52009		XA335	53		XA334	50			168	9		SPI1005	57	MKI8B1U	01	1	DBC	D1		26B		
52010		XA334	50		XA335	39			168	9		SPI1005	58	MK03B1U	01	5	DBC	C1		24A		
52011		XA335	39		XA329	41			168	9		SPI1005	59	MK06B1U	01	1	DBC	C1		18B		
52012		XA329	41		XA322	18			168	9		SPI1005	60		01	1	TDD	HQ		22B		
52013		XA322	18		XA321	18			168	9		SPI1005	61		01	1	TDD	D1		10A		
52014		XA321	18		XA320	18			168	9		SPI1005	62		01	1	TDD	D1		10A		
52015		XA320	18		XA319	15			168	9		SPI1005	63		01	1	TDD	D1		10A		
52016		XA319	15		XA319	19			168	9		SPI1005	64		01	6	MUX	A1		07B		
52017		XA319	19		XA319	37			168	9		SPI1005	65		01	1	MUX	B1		09B		
52018		XA319	37		XA317	74			168	9		SPI1005	66		01	2	MUX	C1		17B		
52019		XA317	74									SPI1005	67		01	4	TS8	F1		35B		
52020		XA317	77		XA319	45			168	9		SPI1006	51		01	6	TS8	F1		38B		
52021		XA319	45		XA319	34			168	9		SPI1006	52		01	6	MUX	C1		23B		
52022		XA319	34		XA319	09			168	9		SPI1006	53		01	7	MUX	B1		15B		
52023		XA319	09		XA320	14			168	9		SPI1006	54		01	4	MUX	A1		05B		
52024		XA320	14		XA321	14			168	9		SPI1006	55		01	1	TDD	DN		09A		
52025		XA321	14		XA322	14			168	9		SPI1006	56		01	1	TDD	DN		09A		
52026		XA322	14		XA344	74			168	9		SPI1006	57		01	1	TDD	DN		09A		
52027		XA344	74		XA346	41			168	9		SPI1006	62	MXPRSOX	01	1	DCF	D6		37A		
52028		XA346	41									SPI1006	63			RR4	F5					
52029		XA346	62		XA322	20			168	9		SPI1007	51			RR4	F1					
52030		XA322	20		XA321	20			168	9		SPI1007	56		01	1	TDD	DP		11A		
52031		XA321	20		XA320	20			168	9		SPI1007	57		01	1	TDD	DP		11A		
52032		XA320	20		XA319	11			168	9		SPI1007	58		01	1	TDD	DP		11A		
52033		XA319	11		XA319	25			168	9		SPI1007	59		01	5	MUX	A1		06B		
52034		XA319	25		XA319	41			168	9		SPI1007	60		01	4	MUX	B1		12B		
52035		XA319	41		XA317	79			168	9		SPI1007	61		01	4	MUX	C1		19B		
52036		XA317	79									SPI1007	62		01	8	TS8	F1		39B		
52037		XA317	78		XA319	43			168	9		SPI1008	51		01	7	TS8	F1		38A		
52038		XA319	43		XA319	21			168	9		SPI1008	52		01	5	MUX	C1		22B		
52039		XA319	21		XA319	18			168	9		SPI1008	53		01	2	MUX	B1		10B		
52040		XA319	18		XA320	17			168	9		SPI1008	54		01	7	MUX	A1		09A		
52041		XA320	17		XA321	17			168	9		SPI1008	55		01	1	TDD	DQ		08B		
52042		XA321	17		XA322	17			168	9		SPI1008	56		01	1	TDD	DQ		08B		
52043		XA322	17		XA344	70			168	9		SPI1008	57		01	1	TDD	DQ		08B		
52044		XA344	70		XA346	56			168	9		SPI1008	62	MPFLTOX	01	1	DCF	DR		35A		
52045		XA346	56									SPI1008	63			RR4	F2					
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	PREFIX	CONNECTOR	PIN		PREFIX	CONNECTOR	PIN		MULTI GROUP	CODE	COLOR	IDENT												
52046		XA319	42		XA319	26				168	9		SPI1009	51		01	2	MUX	C2		20A			
52047		XA319	26		XA319	08				168	9		SPI1009	52		01	2	MUX	B2		13A			
52048		XA319	08		XA346	55				168	9		SPI1009	53		01	3	MUX	A2		04A			
52049		XA346	55										SPI1009	58				RR4	F3					
52050		XA346	53		XA319	48				168	9		SPI1010	51				RR4	F4					
52051		XA319	48		XA319	27				168	9		SPI1010	52		01	4	MUX	C2		22A			
52052		XA319	27		XA319	10				168	9		SPI1010	53		01	1	MUX	B2		14A			
52053		XA319	10										SPI1010	54		01	2	MUX	A2		05A			
52054		XA319	14		XA319	24				168	9		SPI1011	51		01	1	MUX	A2		06A			
52055		XA319	24		XA319	46				168	9		SPI1011	52		01	3	MUX	B2		12A			
52056		XA319	46		XA346	51				168	9		SPI1011	53		01	1	MUX	C2		21A			
52057		XA346	51										SPI1011	54				RR4	F5					
52058		XA319	13		XA319	30				168	9		SPI1012	51		01	4	MUX	A2		07A			
52059		XA319	30		XA319	40				168	9		SPI1012	52		01	4	MUX	B2		15A			
52060		XA319	40		XA334	03				168	9		SPI1012	53		01	3	MUX	C2		19A			
52191		XA334	03		XA334	19				168	9		SPI1012	54		01	1	DBC	A3		02B	B02		
52188		XA334	19		XA334	47				168	9		SPI1012	55		01	1	DBC	B3		04B	B02		
52182		XA334	47		XA334	61				168	9		SPI1012	56	MK0383U	01	1	DBC	C3		23A	B02		
52172		XA334	61		XA335	55				168	9		SPI1012	57	MK1283U	01	1	DBC	D3		31B	B02		
52177		XA335	55		XA335	47				168	9		SPI1012	58	MK1881U	01	2	DBC	D1		27B	B02		
52180		XA335	47		XA346	72				168	9		SPI1012	59	MK0683U	01	1	DBC	C3		23A	B02		
52061		XA346	72										SPI1012	60				RR4	G1			B02		
52062		XA322	64		XA327	47				168	9		SPI1013	51	MAE13P	01	1	TDD	KP		30A			
52063		XA327	47		XA329	29				168	9		SPI1013	52	MXGN3A	01	1	TQ2	D4		25B			
52064		XA329	29		XA332	25				168	9		SPI1013	53	MPRNTQ	01	1	TDD	FQ		14B			
52065		XA332	25		XA331	17				168	9		SPI1013	54	MXST2Q	01	7	TS8	B1		12B			
52066		XA331	17		XA330	17				168	9		SPI1013	55	MXEB1Q	01	1	TDD	DQ		08B			
52067		XA330	17		XA329	03				168	9		SPI1013	56	MXTR1Q	01	1	TDD	DQ		08B			
52068		XA329	03		XA330	03				168	9		SPI1013	57	MXX80Q	01	1	TDD	BQ		02A			
52069		XA330	03		XA331	03				168	9		SPI1013	58	MXXA2Q	01	1	TDD	BQ		02A			
52070		XA331	03		XA339	03				168	9		SPI1013	59	MXXA3Q	01	1	TDD	BQ		02A			
52071		XA339	03		XA336	37				168	9		SPI1013	60	MXGN1A	01	1	TQ2	A3		02A			
52072		XA336	37		XA335	43				168	9		SPI1013	63	MXGN2A	01	2	TQ2	C4		18B			
52073		XA335	43		XA334	43				168	9		SPI1013	64	MK0681U	01	3	DBC	C1		22B			
52074		XA334	43		XA332	40				168	9		SPI1013	65	MK0381U	01	3	DBC	C1		22B			
52075		XA332	40		XA331	36				168	9		SPI1013	66	MXDV1A	01	7	TS8	C1		19A			
52076		XA331	36		XA331	41				168	9		SPI1013	67	MX1MAP	01	1	TDD	FP		17A			
52077		XA331	41		XA330	39				168	9		SPI1013	68	MXXC2Q	01	1	TDD	HQ		22B			
52078		XA330	39		XA330	41				168	9		SPI1013	69	MXST1Q	01	1	TDD	EQ		19B			
52079		XA330	41		XA329	48				168	9		SPI1013	70	MXXC3Q	01	1	TDD	HQ		22B			
52080		XA329	48		XA329	53				168	9		SPI1013	71		01	1	TDD	HI		22A			
52081		XA329	53		XA330	53				168	9		SPI1013	72	MD05BQ	01	1	TDD	KQ		28B			
52082		XA330	53		XA331	53				168	9		SPI1013	73	MD02BQ	01	1	TDD	KQ		28B			
52083		XA331	53		XA331	65				168	9		SPI1013	74	MD02BQ	01	1	TDD	KQ		28B			
52084		XA331	65		XA330	65				168	9		SPI1013	75	MD01BQ	01	1	TDD	MQ		34B			
52085		XA330	65		XA329	65				168	9		SPI1013	76	MD04BQ	01	1	TDD	MQ		34B			
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	PREFIX	CONNECTOR	PIN	REF ID	PREFIX	CONNECTOR	PIN	REF ID	MULTI GROUP	CODE	COLOR	IDEN											
52086		XA329	65		XA332	68				168	9		SPI1013	77	MD07B0	01	1	TDD	MO		34B		
52087		XA332	68		XA332	78				168	9		SPI1013	78	MPINTA	01	7	TS8	F1			32A	
52088		XA332	78		XA334	57				168	9		SPI1013	79	MAOERA	01	7	TS8	F1			38A	
52089		XA334	57		XA335	63				168	9		SPI1013	80	MK12B1U	01	3	DBC	D1			29B	
52090		XA335	63		XA341	65				168	9		SPI1013	81	MK18B1U	01	5	DBC	D1			31A	
52091		XA341	65		XA341	61				168	9		SPI1013	84		01	1	TLD	F3			34B	
52092		XA341	61		XA341	78				168	9		SPI1013	85		01	2	TLD	F4			32B	
52093		XA341	78		XA346	66				168	9		SPI1013	86		01	2	TLD	F4			38A	
52094		XA346	66										SPI1013	87				RR4	G2				
52095		XA327	10		XA328	07				168	9		SPI1014	51	MXRRSA	01	2	TQ2	A1			07A	
52096		XA328	07		XA328	05				168	9		SPI1014	52	MXCP10	01	2	TQ2	A3			03A	
52097		XA328	05		XA328	13				168	9		SPI1014	53	MXCP00	01	2	TQ2	A2			03B	
52132		XA328	13		XA327	05				168	9		SPI1014	535	MXCP20	01	2	TQ2	A4			06B	
52098		XA327	05		XA327	07				168	9		SPI1014	54	MXCP30	01	2	TQ2	A2			03B	
52099		XA327	07		XA327	19				168	9		SPI1014	55	MXCP40	01	2	TQ2	A3			03A	
52100		XA327	19		XA327	36				168	9		SPI1014	56	MFRMFO	01	2	TQ2	B3			09B	
52101		XA327	36		XA327	42				168	9		SPI1014	57	MXRS4A	01	2	TQ2	C2			17A	
52102		XA327	42		XA327	56				168	9		SPI1014	58	MXRS3A	01	2	TQ2	C1			20A	
52103		XA327	56		XA327	49				168	9		SPI1014	59	MXHST0	01	2	TQ2	D1			26A	
52104		XA327	49		XA327	43				168	9		SPI1014	60	MXGN3A	01	2	TQ2	D4			26B	
52105		XA327	43		XA327	37				168	9		SPI1014	61	MXST2A	01	2	TQ2	D3			23B	
52106		XA327	37		XA327	31				168	9		SPI1014	62	MXIRCO	01	2	TQ2	C4			18B	
52107		XA327	31		XA327	26				168	9		SPI1014	63	MXRSSA	01	2	TQ2	C3			15B	
52108		XA327	26		XA327	25				168	9		SPI1014	64	MXDEVO	01	2	TQ2	B1			14A	
52109		XA327	25		XA323	25				168	9		SPI1014	65	MPRNT0	01	2	TQ2	B4			12B	
52110		XA323	25		XA323	37				168	9		SPI1014	66	MKRS0A	01	2	TQ2	B4			12B	
52111		XA323	37		XA323	42				168	9		SPI1014	67	MK2290	01	2	TQ2	C4			18B	
52112		XA323	42		XA323	50				168	9		SPI1014	68	MKR51A	01	2	TQ2	C1			20A	
52113		XA323	50		XA324	49				168	9		SPI1014	69	MAECP0	01	2	TQ2	D2			23A	
52114		XA324	49		XA324	55				168	9		SPI1014	70	MBUSYA	01	2	TQ2	D4			26B	
52115		XA324	55		XA323	56				168	9		SPI1014	71	MCDESA	01	2	TQ2	F3			29B	
52116		XA323	56		XA323	55				168	9		SPI1014	72	MK18BA	01	2	TQ2	D1			26A	
52117		XA323	55		XA323	61				168	9		SPI1014	73	MK06BA	01	2	TQ2	E3			29B	
52118		XA323	61		XA323	64				168	9		SPI1014	74	MK03BA	01	2	TQ2	E4			32B	
52119		XA323	64		XA324	64				168	9		SPI1014	75	MK12BA	01	2	TQ2	F2			30A	
52120		XA324	64		XA324	78				168	9		SPI1014	76	MAEST0	01	2	TQ2	E2			30A	
52121		XA324	78		XA323	79				168	9		SPI1014	77	MXEA00	01	2	TQ2	F4			38A	
52122		XA323	79		XA324	79				168	9		SPI1014	78	MINT1A	01	2	TQ2	F1			39B	
52123		XA324	79		XA324	73				168	9		SPI1014	79	MSR50A	01	2	TQ2	F1			39B	
52124		XA324	73		XA327	73				168	9		SPI1014	80	MXDV10	01	2	TQ2	F2			36B	
52125		XA327	73		XA327	78				168	9		SPI1014	81	MXXC1A	01	2	TQ2	F2			36B	
52126		XA327	78		XA327	70				168	9		SPI1014	82	MXXCS0	01	2	TQ2	F4			38A	
52127		XA327	70		XA346	65				168	9		SPI1014	83	M16MHA	01	2	TQ2	E1			33A	
52128		XA346	65										SPI1014	84				RR4	G3				
52129		XA329	08		XA331	15				168	9		SPI1015	51	MXXACI	01	1	TDD	AI			06A	
52130		XA331	15		XA330	15				168	9		SPI1015	52	MXXAIQ	01	1	TDD	AQ			07B	
52131		XA330	15		XA328	26				168	9		SPI1015	53	MXXA0Q	01	1	TDD	AQ			07B	
52133		XA328	26		XA330	27				168	9		SPI1015	55	MXXBK0	01	2	TQ2	B1			14A	
										****		SIGNAL	ISPI1015		IS ON THE			NEXT PAGE		****			

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RECORD NUMBER	FROM				TO				WIRE			SIGNAL	SEC. F.	EQUATION	TERM.	PA. TON.	CNT OR LHM TYPE	GROUP	LOAD OR CWR PLANE	TEST POINTS AND OR	SIGNAL DESCRIPTION	ECO NO.	
	PRE. IX.	CONNECTOR	PIN	NO.	PREFIX	CONNECTOR	PIN	NO.	MULTI GROUP	CODE	COLOR												IDENT
52134		XA330	27		XA331	27				168	9		SPI1015	56	MXXB1Q	01	1	TDD	C0	13B			
52135		XA331	27		XA332	26				168	9		SPI1015	57	MXXB2Q	01	1	TDD	C0	13B			
52136		XA332	26		XA332	42				168	9		SPI1015	58	MXST2Q	01	8	TS8	B1	14A			
52137		XA332	42		XA331	39				168	9		SPI1015	59	MXDV1A	01	8	TS8	C1	20A			
52138		XA331	39		XA330	38				168	9		SPI1015	60	MFRMFQ	01	1	TDD	EQ	19B			
52139		XA330	38		XA329	38				168	9		SPI1015	61	MXST1P	01	1	TDD	EP	18A			
52140		XA329	38		XA328	42				168	9		SPI1015	62	MXSTOP	01	1	TDD	EP	18A			
52141		XA328	42		XA328	36				168	9		SPI1015	63	MXDEVA	01	2	TQ2	C1	20A			
52142		XA328	36		XA328	31				168	9		SPI1015	64	MXDVCO	01	2	TQ2	C2	17A			
52143		XA328	31		XA328	37				168	9		SPI1015	65	MXOERO	01	2	TQ2	C3	15B			
52144		XA328	37		XA328	61				168	9		SPI1015	66	MXSKOD	01	2	TQ2	C4	18B			
52145		XA328	61		XA328	55				168	9		SPI1015	67	M16M1Q	01	2	TQ2	E4	32B			
52146		XA328	55		XA328	56				168	9		SPI1015	68	M16MHO	01	2	TQ2	E3	29B			
52147		XA328	56		XA328	50				168	9		SPI1015	69	MXEOBQ	01	2	TQ2	D1	26A			
52148		XA328	50		XA329	51				168	9		SPI1015	70	MXSSTQ	01	2	TQ2	D2	23A			
52149		XA329	51		XA330	51				168	9		SPI1015	71	MXXC4Q	01	1	TDD	G0	27B			
52150		XA330	51		XA331	51				168	9		SPI1015	72	MXXC1Q	01	1	TDD	G0	27B			
52151		XA331	51		XA331	63				168	9		SPI1015	73	MXXC0Q	01	1	TDD	G0	27B			
52152		XA331	63		XA330	63				168	9		SPI1015	74	MXXR0Q	01	1	TDD	J0	33B			
52153		XA330	63		XA329	63				168	9		SPI1015	75	MXXR1Q	01	1	TDD	J0	33B			
52154		XA329	63		XA328	64				168	9		SPI1015	76	MXXR2Q	01	1	TDD	J0	33B			
52155		XA328	64		XA328	70				168	9		SPI1015	77	MXBRQO	01	2	TQ2	E2	30A			
52156		XA328	70		XA328	73				168	9		SPI1015	78	MXARQO	01	2	TQ2	E1	33A			
52157		XA328	73		XA328	79				168	9		SPI1015	79	MDRS1A	01	2	TQ2	E2	36B			
52158		XA328	79		XA328	78				168	9		SPI1015	80	MDRSOA	01	2	TQ2	F1	39B			
52159		XA328	78		XA329	80				168	9		SPI1015	81	MXADEA	01	2	TQ2	E4	38A			
52160		XA329	80		XA330	80				168	9		SPI1015	82	MDO6BQ	01	1	TDD	LQ	39A			
52161		XA330	80		XA331	80				168	9		SPI1015	83	MDO3BQ	01	1	TDD	LQ	39A			
52162		XA331	80		XA332	70				168	9		SPI1015	84	MDO0BQ	01	1	TDD	LQ	39A			
52163		XA332	70		XA346	63				168	9		SPI1015	85	MPINTA	01	8	TS8	E1	33A			
52164		XA346	63										SPI1015	86				RR4	G4				
52165		XA332	79		XA336	79				168	9		SPI1016	51	MAOERA	01	8	TS8	F1	39B			
52166		XA336	79		XA336	78				168	9		SPI1016	52	MXROPA	01	2	TQ2	F1	39B			
52167		XA336	78		XA336	74				168	9		SPI1016	53	MXXADA	01	2	TQ2	F4	38A			
52168		XA336	74		XA336	73				168	9		SPI1016	54	MPDBCO	01	2	TQ2	E3	35B			
52169		XA336	73		XA335	66				168	9		SPI1016	55	MPCRCO	01	2	TQ2	F2	36B			
52170		XA335	66		XA335	64				168	9		SPI1016	56	MXS035U	01	1	DBC	E5	32B			
52171		XA335	64		XA334	63				168	9		SPI1016	57	MK1884U	01	1	DBC	D4	30A		B02	
52173		XA334	63		XA334	66				168	9		SPI1016	59	MK12B1U	01	5	DBC	D1	31A			
52174		XA334	66		XA335	50				168	9		SPI1016	60	MXS475U	01	1	DBC	E5	32B		B02	
52178		XA335	50		XA334	39				168	9		SPI1016	64	MK06B1U	01	5	DBC	C1	24A		B02	
52183		XA334	39		XA336	35				168	9		SPI1016	69	MK03B1U	01	1	DBC	C1	18B			
52184		XA336	35		XA336	25				168	9		SPI1016	70	MXGN2A	01	1	TQ2	C4	17B			
52185		XA336	25		XA334	22				168	9		SPI1016	71	MXCA1Q	01	2	TQ2	B4	12B			
52186		XA334	22		XA334	06				168	9		SPI1016	72		01	1	DBC	B2	11A			
52193		XA334	06		XA336	05				168	9		SPI1016	79		01	1	DBC	A2	03A		B02	
52194		XA336	05		XA336	07				168	9		SPI1016	80	MXRS1A	01	2	TQ2	A2	03B			
52195		XA336	07		XA336	10				168	9		SPI1016	81	MXRS2A	01	2	TQ2	A3	03A			
52196		XA336	10		XA346	61				168	9		SPI1016	82	MXRS0A	01	2	TQ2	A1	03A			
										****		SIGNAL	(SPI1016)										IS ON THE NEXT PAGE ****

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STRING
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	PREFIX	CONNECTOR	PIN	WIRE	PREFIX	CONNECTOR	PIN	WIRE	MULTI GROUP	CODE	COLOR	IDENT												SPEC INST WIRE
52238		XA342	65		XA334	21			16B	9			SPI1019	54		01	1	TLD	F3		34B	B02		
52189		XA334	21		XA334	05			16B	9			SPI1019	55		01	1	D8C	B4		10B	B02		
52190		XA334	05										SPI1019	56		01	1	D8C	A4		03B	B02		
64287		XA245	46		XA446	60			16B	9		P	LXACMDX	01	TACMAB	01	1	DCF	C1		25B	A01		
64883		XA446	60		XA447	36			16B	9		P	TXACMDX	02	TACMAB	02	1	DCF	C5		31B	A01		
02674		XA447	36										TACMAB	03				SHT				B04		
43738		XA245	45	2	XA446	58	2		16B	9			TACMABR	01				DCF			27A			
08431		XA446	58	1	XA447	44	1		16B	9			TACMABR	02				DCF						
64861		XA447	44										TACMABR	03				SHT				B04		
64303		XA244	46		XA445	60			16B	9		P	LXBCMDX	01	TACMBB	01	1	DCF	C1		25B	A01		
64899		XA445	60		XA447	76			16B	9		P	TXBCMDX	02	TACMBB	02	1	DCF	C5		31B	A01		
02711		XA447	76										TACMBB	03				SHT				B04		
43750		XA244	45		XA445	58			16B	9			TACMBBR	01				DCF			27A			
08432		XA445	58		XA449	72			16B	9			TACMBBR	02				DCF						
64862		XA449	72										TACMBBR	03				EXT				B04		
06496		XA511	14		XA517	48			16B	9			TADSAA	01	TADSAA	00	1	TQ2	B2		09A	D01		
06497		XA517	48		XA517	54			16B	9			TADSAA	02	TADSI0	01	1	TQ2	D2		22A	D01		
06498		XA517	54		XA421	35			16B	9			TADSAA	03	TADSO0	01	1	TQ2	D1		25A	D01		
03536		XA421	35										TADSAA	04	TADSW1X	01	1	MUX	C1		16B	D01		
03328		XA449	42		XA545	53			16B	9			TADSADR	00				EXT				D01		
08270		XA545	53										TADSADR	01				DCF				D01		
03327		XA449	41		XA547	62			16B	9			TADSADX4	00				EXT				D01		
04395		XA547	62		XA545	55			16B	9			TADSADX4	01				EXT	RR4	F1		D01		
04396		XA545	55										TADSADX4	02	TADSADX400	1		DCF	C3		30B	FILE PROTECT 2 RECD01		
06535		XA511	18		XA421	43			16B	9			TADSAOX	0M	TADSAA	01	1	TQ2	B2		10A	D01		
03563		XA421	43		XA422	18			16B	9			TADSAOX	00	TADSW1X	01	5	MUX	C1		22B	D01		
04397		XA422	18		XA424	37			16B	9			TADSAOX	01	TXDB21X	01	7	MUX	A1		09A	D01		
04398		XA424	37		XA545	56			16B	9			TADSAOX	02	UFPRX1X	01	2	MUX	C1		17B	D01		
04399		XA545	56										TADSAOX	03	TADSAOX	00	1	DCF	C4		29B	D01		
65643		XA449	24		XA545	77			16B	9			TADSBDR	01				EXT				D01		
08284		XA545	77										TADSBDR	02				DCF				D01		
03311		XA449	23		XA547	51			16B	9			TADSBDX4	00				EXT				D01		
05191		XA547	51		XA545	78			16B	9			TADSBDX4	01				RR4	F5			D01		
05192		XA545	78										TADSBDX4	02	TADSBDX400	1		DCF	D3		37B	REWINDING 2 RECEIVED01		
05203		XA545	75		XA522	05			16B	9			TADSBOX	01	TADSBOX	00	1	DCF	D4		36B	D01		
05204		XA522	05		XA422	34			16B	9			TADSBOX	02	URW2CA	01	2	TQ2	A2		03B	D01		
05205		XA422	34		XA421	46			16B	9			TADSBOX	03	TXDB31X	01	7	MUX	B1		15B	D01		
06162		XA421	46						16B	9			TADSBOX	04	TADSW2X	01	1	MUX	C2		21A	D01		
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149016-800
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	PREFIX	CONNECTOR	PIN	WIRE	PREFIX	CONNECTOR	PIN	WIRE	MULTI GROUP	CODE	COLOR	IDEN													
65644		XA449	48			XA545	19				16B	9		TADSCDR	01			EXT						D01	
08275		XA545	19											TADSCDR	02			DCF						D01	
03332		XA449	47			XA547	35				16B	9		TADSCDX4	00			EXT						D01	
03540		XA547	35			XA545	17				16B	9		TADSCDX4	01			RR4	D3					D01	
03541		XA545	17											TADSCDX4	02	TADSCDX400	1	DCF	A3		07B		BOT 2 RECEIVER	D01	
06190		XA421	42			XA423	18				16B	9		TADSCOX	00	TADSW2X	01	2	MUX	C2		20A		D01	
03548		XA423	18			XA545	15				16B	9		TADSCOX	01	TXDB41X	01	7	MUX	A1		09A		D01	
03550		XA545	15											TADSCOX	03	TADSCOX	00	1	DCF	A4		06B		D01	
03335		XA449	46			XA545	39				16B	9		TADSDDR	00			EXT						D01	
08279		XA545	39											TADSDDR	02			DCF						D01	
03330		XA449	45			XA547	48				16B	9		TADSDDX4	00			EXT						D01	
04357		XA547	48			XA545	37				16B	9		TADSDDX4	01			RR4	E2					D01	
04358		XA545	37											TADSDDX4	02	TADSDDX400	1	DCF	B3		15B		EOT 2 RECEIVER	D01	
06218		XA421	40			XA422	37				16B	9		TADSDOX	00	TADSW2X	01	3	MUX	C2		19A		D01	
04365		XA422	37			XA423	34				16B	9		TADSDOX	01	TADSX1X	01	2	MUX	C1		17B		D01	
04366		XA423	34			XA545	35				16B	9		TADSDOX	02	TXDB51X	01	7	MUX	B1		15B		D01	
04367		XA545	35											TADSDOX	03	TADSDOX	00	1	DCF	B4		14B		D01	
03484		XA502	19			XA421	38				16B	9		TADSW2X	01	TBSY0A	01	3	TSR	B1		09B		D01	
08153		XA421	38			XA522	65				16B	9		TADSW2X	02	TADSW2X	00	1	MUX	C2		18A		D01	
08052		XA522	65								16B	9		TADSW2X	03	TRDY1A	01	1	TQ2	F3		34B		D01	
06495		XA517	52			XA421	37				16B	9		TADS00	01	TADS00	00	1	TQ2	D1		24A		D01	
03549		XA421	37											TADS00	02	TADSW1X	01	2	MUX	C1		17B		D01	
03231		XA550	14	1		XA544	44	1			16B	9		TADS1DR	01			EXT						B04	
08471		XA544	44											TADS1DR	02			RR4							
03230		XA550	13			XA544	46				16B	9		TADS1D4	00			EXT							B04
03432		XA544	46			XA543	66				16B	9		TADS1D4	01			RR4	D2						
03433		XA543	66											TADS1D4	02	TADS1D4	00	1	TLD	E1		31A		MIT 1 ADDRESS SEL	
06503		XA517	46			XA421	39				16B	9		TADS10	01	TADS10	00	1	TQ2	D2		21A		D01	
03556		XA421	39											TADS10	02	TADSW1X	01	3	MUX	C1		18B		D01	
03234		XA550	18	1		XA543	58	1			16B	9		TADS2DR	01			EXT						B04	
08472		XA543	58											TADS2DR	02			TLD				40A			
03233		XA550	17			XA543	60				16B	9		TADS2D4	00			EXT							B04
03434		XA543	60			XA544	35				16B	9		TADS2D4	01	TADS2D4	00	1	TLD	E2		28A			
03435		XA544	35											TADS2D4	02			RR4	D3						
03254		XA550	40	2		XA544	32	2			16B	9		TADS3DR	01			EXT							B04
08473		XA544	32											TADS3DR	02			RR4							
												****	SIGNAL	TADS3D4	IS ON THE NEXT PAGE										****

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149016-800
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	PREFIX	CONNECTOR	PIN	PREFIX	CONNECTOR	PIN	WIRE	MULTI-GROUP	CODE	COLOR												IDENT
64306		XA244	43		XA445	46			168	9		P	LXBPCDX	01	TAOPBB	01	1	DCF	C7		25A	A01
64902		XA445	46		XA447	40			168	9		P	TXBPCDX	02	TAOPBB	02	1	DCF	C1		25B	A01
02678		XA447	40										TAOPBB	03				SHT				B04
43753		XA244	44	2	XA445	45	2		168	9			TAOPBBR	01				DCF				
08438		XA445	45	1	XA447	58	1		168	9			TAOPBBR	02				DCF			27A	
64868		XA447	58										TAOPBBR	03				SHT				B04
64295		XA245	07		XA446	07			168	9		P	LXA0CDX	01	TA00AB	01	1	DCF	A1		02B	A01
64891		XA446	07		XA447	04			168	9		P	TXA0CDX	02	TA00AB	02	1	DCF	A1		02B	A01
02646		XA447	04										TA00AB	03				SHT				B04
43742		XA245	05	1	XA446	05	1		168	9			TA00ABR	01				DCF				
08439		XA446	05	2	XA447	02	2		168	9			TA00ABR	02				DCF				
64869		XA447	02										TA00ABR	03				SHT				B04
64311		XA244	07		XA445	07			168	9		P	LXB0CDX	01	TA00BB	01	1	DCF	A1		02B	A01
64907		XA445	07		XA447	41			168	9		P	TXB0CDX	02	TA00BB	02	1	DCF	A1		02B	A01
02679		XA447	41										TA00BB	03				SHT				B04
43754		XA244	05	1	XA445	05	1		168	9			TA00BBR	01				DCF				
08440		XA445	05	2	XA447	58	2		168	9			TA00BBR	02				DCF				
64870		XA447	58										TA00BBR	03				SHT				B04
64296		XA245	17		XA446	17			168	9		P	LXA1CDX	01	TA01AB	01	1	DCF	A3		07B	A01
64892		XA446	17		XA447	05			168	9		P	TXA1CDX	02	TA01AB	02	1	DCF	A3		07B	A01
02647		XA447	05										TA01AB	03				SHT				B04
43743		XA245	19		XA446	19			168	9			TA01ABR	01				DCF				
08441		XA446	19	3	XA447	02	3		168	9			TA01ABR	02				DCF				
64871		XA447	02										TA01ABR	03				SHT				B04
64312		XA244	17		XA445	17			168	9		P	LXB1CDX	01	TA01BB	01	1	DCF	A3		07B	A01
64908		XA445	17		XA447	46			168	9		P	TXB1CDX	02	TA01BB	02	1	DCF	A3		07B	A01
02683		XA447	46										TA01BB	03				SHT				B04
43755		XA244	19		XA445	19			168	9			TA01BBR	01				DCF				
08442		XA445	19	3	XA447	58	3		168	9			TA01BBR	02				DCF				
64872		XA447	58										TA01BBR	03				SHT				B04
64297		XA245	14		XA446	14			168	9		P	LXA2CDX	01	TA02AB	01	1	DCF	A5		08B	A01
64893		XA446	14		XA447	08			168	9		P	TXA2CDX	02	TA02AB	02	1	DCF	A5		08B	A01
02650		XA447	08										TA02AB	03				SHT				B04
43744		XA245	16	2	XA446	16	2		168	9			TA02ABR	01				DCF				
08443		XA446	16	1	XA447	16	1		168	9			TA02ABR	02				DCF				
64873		XA447	16										TA02ABR	03				SHT				B04
											****	SIGNAL	TA02BB	IS ON THE NEXT PAGE				****				

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RECORD NUMBER	FROM				TO				WIRE				SIGNAL	SFC NO	EQUATION	TERM	FACTOR	CKT OR CHIP TYPE	GROUP	LOAD OR POWER PLANE	TEST POINTS		SIGNAL DESCRIPTION	ECO NO
	PREFIX	CONNECTOR	PIN	Z	PREFIX	CONNECTOR	PIN	Z	MULTI GROUP	CODE	COLOR	IDENT									AND OR			
64313		XA244	14		XA445	14				16B	9		P	LXB2CDX	01	TA02BB	01	1	DCF	A5		08B		A01
64909		XA445	14		XA447	47				16B	9		P	TXB2CDX	02	TA02BB	02	1	DCF	A5		08B		A01
02684		XA447	47											TA02BB	03				SHT					B04
43756		XA244	16	2	XA445	16	2			16B	9			TA02BBR	01				DCF					
08444		XA445	16	1	XA446	67	1			16B	9			TA02BBR	02				DCF					
64874		XA446	67											TA02BBR	03				DCF					
64298		XA245	01		XA446	01				16B	9		P	LXA3CDX	01	TA03AB	01	1	DCF	A7		02A		A01
64894		XA446	01		XA447	13				16B	9		P	TXA3CDX	02	TA03AB	02	1	DCF	A7		02A		A01
02654		XA447	13											TA03AB	03				SHT					B04
43745		XA245	02	1	XA446	02	1			16B	9			TA03ABR	01				DCF			01A		
08445		XA446	02	2	XA447	16	2			16B	9			TA03ABR	02				DCF			01A		
64875		XA447	16											TA03ABR	03				SHT					B04
64314		XA244	01		XA445	01				16B	9		P	LXB3CDX	01	TA03BB	01	1	DCF	A7		02A		A01
64910		XA445	01		XA447	50				16B	9		P	TXB3CDX	02	TA03BB	02	1	DCF	A7		02A		A01
02687		XA447	50											TA03BB	03				SHT					B04
43757		XA244	02	1	XA445	02	1			16B	9			TA03BBR	01				DCF			01A		
08446		XA445	02	2	XA446	67	2			16B	9			TA03BBR	02				DCF			01A		
64876		XA446	67											TA03BBR	03				DCF					
64299		XA245	27		XA446	27				16B	9		P	LXA4CDX	01	TA04AB	01	1	DCF	B1		10B		A01
64895		XA446	27		XA447	14				16B	9		P	TXA4CDX	02	TA04AB	02	1	DCF	B1		10B		A01
02655		XA447	14											TA04AB	03				SHT					B04
43746		XA245	25		XA446	25				16B	9			TA04ABR	01				DCF					
08447		XA446	25	3	XA447	16	3			16B	9			TA04ABR	02				DCF					
64877		XA447	16											TA04ABR	03				SHT					B04
64315		XA244	27		XA445	27				16B	9		P	LXB4CDX	01	TA04BB	01	1	DCF	B1		10B		A01
64911		XA445	27		XA447	51				16B	9		P	TXB4CDX	02	TA04BB	02	1	DCF	B1		10B		A01
02688		XA447	51											TA04BB	03				SHT					B04
43758		XA244	25		XA445	25				16B	9			TA04BBR	01				DCF					
08448		XA445	25	3	XA446	67	3			16B	9			TA04BBR	02				DCF					
64878		XA446	67											TA04BBR	03				DCF					
64300		XA245	37		XA446	37				16B	9		P	LXA5CDX	01	TA05AB	01	1	DCF	B3		15B		A01
64896		XA446	37		XA447	17				16B	9		P	TXA5CDX	02	TA05AB	02	1	DCF	B3		15B		A01
02657		XA447	17											TA05AB	03				SHT					B04
43747		XA245	39	2	XA446	39	2			16B	9			TA05ABR	01				DCF					A01
08449		XA446	39	1	XA447	32	1			16B	9			TA05ABR	02				DCF					
64879		XA447	32											TA05ABR	03				SHT					B04
64316		XA244	37		XA445	37				16B	9		P	LXB5CDX	01	TA05BB	01	1	DCF	B3		15B		A01
64912		XA445	37		XA447	54				16B	9		P	TXB5CDX	02	TA05BB	02	1	DCF	B3		15B		A01
														****	SIGNAL	TA05BB				IS DN THE		NEXT PAGE	****	

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RECORD NUMBER	PREFIX	CONNECTOR	PIN	CIRCUIT	PREFIX	CONNECTOR	PIN	CIRCUIT	MULTI GROUP	CODE	COLOR	IDENT.	SIGNAL	SEQ NO	EQUATION	TERM	FACTOR	CKT OR CHIP TYPE	GROUP	LOAD OR POWER PLANE	TEST POINTS AND/OR	SIGNAL DESCRIPTION	ECO NO
02691		XA447	54										TA05BB	03				SHT					B04
43759		XA244	39		XA445	39				16B	9		TA05BBR	01				DCF					A01
08450		XA445	39		XA449	02							TA05BBR	02				DCF					A02
65564		XA449	02										TA05BBR	03				EXT					B04
64301		XA245	41		XA446	41				16B	9	P	LXA6CDX	01	TA06AB	01	1	DCF	B5		16A		A01
64897		XA446	41		XA447	20				16B	9	P	TXA6CDX	02	TA06AB	02	1	DCF	B5		16A		A01
02660		XA447	20										TA06AB	03				SHT					B04
43748		XA245	42	1	XA446	42		1		16B	9		TA06ABR	01				DCF			20B		A01
08451		XA446	42	2	XA447	32		2		16B	9		TA06ABR	02				DCF			20B		A01
64880		XA447	32										TA06ABR	03				SHT					B04
64317		XA244	41		XA445	41				16B	9	P	LXB6CDX	01	TA06BB	01	1	DCF	B5		16A		A01
64913		XA445	41		XA447	57				16B	9	P	TXB6CDX	02	TA06BB	02	1	DCF	B5		16A		A01
02694		XA447	57										TA06BB	03				SHT					B04
43760		XA244	42		XA445	42				16B	9		TA06BBR	01				DCF			20B		A01
08452		XA445	42	3	XA449	02		3		16B	9		TA06BBR	02				DCF			20B		A01
65565		XA449	02										TA06BBR	03				EXT					B04
64302		XA245	23		XA446	23				16B	9	P	LXA7CDX	01	TA07AB	01	1	DCF	B7		10A		A01
64898		XA446	23		XA447	21				16B	9	P	TXA7CDX	02	TA07AB	02	1	DCF	B7		10A		A01
02661		XA447	21										TA07AB	03				SHT					B04
43749		XA245	21		XA446	21				16B	9		TA07ABR	01				DCF					A01
08453		XA446	21	3	XA447	32		3		16B	9		TA07ABR	02				DCF					A01
64881		XA447	32										TA07ABR	03				SHT					B04
64318		XA244	23		XA445	23				16B	9	P	LXB7CDX	01	TA07BB	01	1	DCF	B7		10A		A01
64914		XA445	23		XA447	60				16B	9	P	TXB7CDX	02	TA07BB	02	1	DCF	B7		10A		A01
02696		XA447	60										TA07BB	03				SHT					B04
43761		XA244	21		XA445	21				16B	9		TA07BBR	01				DCF					A01
08454		XA445	21		XA449	70				16B	9		TA07BBR	02				DCF					A01
64882		XA449	70										TA07BBR	03				EXT					B04
03440		XA519	38		XA533	30				16B	9		TBCP00	01	TBCP00	00	1	TQ2	C1		18A		BUFFER REG CLOCK B
03441		XA533	30		XA533	42				16B	9		TBCP00	02	TB01BN	01	1	TDD	EN		15A		
03442		XA533	42		XA533	46				16B	9		TBCP00	03	TB00BN	01	1	TDD	EN		20A		
03443		XA533	46		XA533	56				16B	9		TBCP00	04	TB03BN	01	1	TDD	HN		21A		
03444		XA533	56										TBCP00	05	TB02BN	01	1	TDD	GN		26A		
03445		XA533	79		XA533	72				16B	9		TBCP10	01	TB06BN	01	1	TDD	LN		39B		
03446		XA533	72		XA533	70				16B	9		TBCP10	02	TB07BN	01	1	TDD	MN		34A		
03447		XA533	70		XA533	60				16B	9		TBCP10	03	TB04BN	01	1	TDD	JN		33A		
03448		XA533	60		XA519	30				16B	9		TBCP10	04	TB05BN	01	1	TDD	KN		28A		
03449		XA519	30										TBCP10	05	TBCP10	00	1	TQ2	C2		15A		
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	PREFIX	CONNECTOR	PIN	2 A	PREFIX	CONNECTOR	PIN	2 A																				
03450		XA534	01			XA534	10			168	9			TBCP20	01	TB09BN	01 1	TDD	9N	02B								
03451		XA534	10			XA534	14			168	9			TBCP20	02	TB08BN	01 1	TDD	AN	07A								
03452		XA534	14			XA534	26			168	9			TBCP20	03	TB11BN	01 1	TDD	DN	09A								
03453		XA534	26			XA519	33			168	9			TBCP20	04	TB10BN	01 1	TDD	CN	14A								
03454		XA519	33											TBCP20	05	TBCP20	00 1	TQ2	C3	16B								
03455		XA519	39			XA534	30			168	9			TBCP30	01	TBCP30	00 1	TQ2	C4	19B								
03456		XA534	30			XA534	42			168	9			TBCP30	02	TB13BN	01 1	TDD	FN	15A								
03457		XA534	42			XA534	46			168	9			TBCP30	03	TB12BN	01 1	TDD	EN	20A								
03458		XA534	46			XA534	56			168	9			TBCP30	04	TB15BN	01 1	TDD	HN	21A								
03459		XA534	56											TBCP30	05	TB14BN	01 1	TDD	GN	26A								
03460		XA534	79			XA534	72			168	9			TBCP40	01	TB18BN	01 1	TDD	LN	39B								
03461		XA534	72			XA534	70			168	9			TBCP40	02	TB19BN	01 1	TDD	MN	34A								
03462		XA534	70			XA534	60			168	9			TBCP40	03	TB16BN	01 1	TDD	JN	33A								
03463		XA534	60			XA519	52			168	9			TBCP40	04	TB17BN	01 1	TDD	KN	28A								
03464		XA519	52											TBCP40	05	TBCP40	00 1	TQ2	D1	24A								
03465		XA519	46			XA535	26			168	9			TBCP50	01	TBCP50	00 1	TQ2	D2	21A								
03466		XA535	26			XA535	14			168	9			TBCP50	02	TB22BN	01 1	TDD	CN	14A								
03467		XA535	14			XA535	10			168	9			TBCP50	03	TB23BN	01 1	TDD	DN	09A								
03468		XA535	10			XA535	01			168	9			TBCP50	04	TB20BN	01 1	TDD	AN	07A								
03469		XA535	01											TBCP50	05	TB21BN	01 1	TDD	BN	02B								
03470		XA519	45			XA535	56			168	9			TBCP60	01	TBCP60	00 1	TQ2	D3	24B								
03471		XA535	56			XA535	46			168	9			TBCP60	02	TB26BN	01 1	TDD	GN	26A								
03472		XA535	46			XA535	42			168	9			TBCP60	03	TB27BN	01 1	TDD	HN	21A								
03473		XA535	42			XA535	30			168	9			TBCP60	04	TB24BN	01 1	TDD	FN	20A								
03474		XA535	30											TBCP60	05	TB25BN	01 1	TDD	FN	15A								
03475		XA535	79			XA535	72			168	9			TBCP70	01	TB30BN	01 1	TDD	LN	39B								
03476		XA535	72			XA535	70			168	9			TBCP70	02	TB31BN	01 1	TDD	MN	34A								
03477		XA535	70			XA535	60			168	9			TBCP70	03	TB28BN	01 1	TDD	JN	33A								
03478		XA535	60			XA519	51			168	9			TBCP70	04	TB29BN	01 1	TDD	KN	28A								
03479		XA519	51											TBCP70	05	TBCP70	00 1	TQ2	D4	27B	BUFFER REG CLOCK B							
03480		XA412	37			XA502	23			168	9			TBSY0A	01	TBUSYS	01 2	TQ2	C4	18B		004						
03482		XA502	23											TBSY0A	03	TBSY0A	00 1	TS8	R1	11B	NEW COMMAND BUSY I							
03485		XA502	20			XA505	01			168	9			TBSY2A	01	TBSY0A	01 4	TS8	R1	11A								
03486		XA505	01											TBSY2A	02	TBSY2A	00 1	TQ2	A2	02B								
03487		XA429	07			XA429	13			168	9			TBUSYA	01	TX00A	01 4	TD4	A2	03A								
03488		XA429	13			XA523	30			168	9			TBUSYA	02	TXD0A	01 4	TD4	A1	06B								
03489		XA523	30											TBUSYA	03	TBUSYA	00 1	TQ2	C2	15A								
03490		XA412	35			XA410	35			168	9			TBUSYR	01	TBUSYS	01 1	TQ2	C4	17B								
03491		XA410	35			XA502	34			168	9			TBUSYR	02	TBUSYR	00 1	TD4	C1	17B								
03492		XA502	34			XA509	59			168	9			TBUSYR	03	TSN0A	01 3	TS8	C1	16A								
03493		XA509	59			XA522	34			168	9			TBUSYR	04	TSC11A	01 2	TT3	E3	31B								
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	PREFIX	CONNECTOR	PIN	PREFIX	CONNECTOR	PIN	INT. MULTI-GROUP	CODE	COLOR												
03494		XA522	34									TBUSYR	05	TBUSYO	01	1	TQ2	C2	16A		
01457		XA514	64		XA511	78			168	9		TBUSYS	0M	THSPRP	01	1	TDD	KP	30A		E03
01678		XA511	78		XA412	39			168	9		TBUSYS	00	USTP50	01	2	TQ2	F4	38A		D04
03495		XA412	39		XA410	37			168	9		TBUSYS	01	TBUSYS	00	1	TQ2	C4	19B		
03496		XA410	37		XA409	56			168	9		TBUSYS	02	TBUSYR	01	1	TD4	C1	18B		TAPE MOTION BUSY P
03497		XA409	56		XA409	79			168	9		TBUSYS	03	TFSTOR	01	3	TT3	D1	26A		
03498		XA409	79		XA418	72			168	9		TBUSYS	04	TSTROR	01	3	TT3	F1	39B		
03499		XA418	72		XA525	31			168	9		TBUSYS	05	TFSTOA	01	2	TS8	F1	34A		
03500		XA525	31		XA433	77			168	9		TBUSYS	06	TSTROA	01	2	TD4	C2	15B		
03501		XA433	77									TBUSYS	07	TSTP4A	01	2	TD4	F1	38B		
03502		XA523	34		XA522	30			168	9		TBUSYO	01	TBUSYA	01	1	TQ2	C2	16A		
03503		XA522	30									TBUSYO	02	TBUSYO	00	1	TQ2	C2	15A		
03504		XA525	37		XA523	45			168	9		TBOTCA	01	TBOT1A	01	1	TD4	C1	18B		
03505		XA523	45									TBOTCA	02	TBOTCA	00	1	TQ2	D3	24B		
03511		XA522	31		XA523	38			168	9		TBOTOA	01	TBOTOS	01	2	TQ2	C3	15B		
03512		XA523	38									TBOTOA	02	TBOTOA	00	1	TQ2	C1	18A		
03513		XA521	73		XA523	33			168	9		TBOTOR	01	TRENIR	01	3	TS8	F1	36B		
03514		XA523	33		XA522	29			168	9		TBOTOR	02	TBOTOR	00	1	TQ2	C3	16B		
03515		XA522	29		XA410	31			168	9		TBOTOR	03	TBOTOS	01	1	TQ2	C3	14B		
03516		XA410	31									TBOTOR	04	TSTR4A	01	2	TD4	C2	15B		
03517		XA524	56		XA524	38			168	9		TBOTOS	01	TBOT1R	01	3	TT3	D1	26A		
03518		XA524	38		XA523	37			168	9		TBOTOS	02	TBOT2A	01	1	TT3	C1	18A		
03519		XA523	37		XA523	29			168	9		TBOTOS	03	TBOT2R	01	2	TQ2	C4	18B		
03520		XA523	29		XA522	33			168	9		TBOTOS	04	TBOTOR	01	1	TQ2	C3	14B		
03521		XA522	33		XA505	05			168	9		TBOTOS	05	TBOTOS	00	1	TQ2	C3	16B		BEGIN OF TAPE(BOT)
03522		XA505	05		XA406	70			168	9		TBOTOS	06	TBSY2A	01	2	TQ2	A2	03B		
03523		XA406	70									TBOTOS	07	TSTR3A	01	2	TQ2	E1	33A		
03524		XA525	35		XA523	31			168	9		TBOT1A	01	TBOT1A	00	1	TD4	C1	17B		
03525		XA523	31									TBOT1A	02	TBOTOR	01	2	TQ2	C3	15B		
03326		XA449	40		XA545	05			168	9		TBOT1DR	00								
0B274		XA545	05									TBOT1DR	01					EXT DCF			D01
03325		XA449	39		XA547	46			168	9		TBOT1DX4	00								
03526		XA547	46		XA545	07			168	9		TBOT1DX4	01					EXT RR4	D2		D01
03527		XA545	07									TBOT1DX4	02	TBOT1DX400	1		DCF	A1	02B		BOT 1 RECEIVER
03528		XA522	54		XA524	50			168	9		TBOT1R	01	TBOT1S	01	1	TQ2	D1	25A		
03529		XA524	50		XA525	40			168	9		TBOT1R	02	TBOT1R	00	1	TT3	D1	23A		
03530		XA525	40									TBOT1R	03	TBOT1A	01	3	TD4	C1	19A		
03531		XA524	52		XA523	54			168	9		TBOT1S	01	TBOT1R	01	1	TT3	D1	24A		
03532		XA523	54		XA522	52			168	9		TBOT1S	02	TBOT4A	01	1	TQ2	D1	25A		
									****		SIGNAL	TBOT1S		IS ON THE							NEXT PAGE ****

TM 11-5895-856-34-12/EE640-CA-MMI-120/E154 CPU/TO 31W2-2T-122-12

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DRAWING NUMBER
UNIT ASSEMBLY NAME

149016-800 STRING
CARD CAGE ASSY,A,IFCU

UNIT ASSEMBLY NO. 149016
FILE IDENT T39CIFC6

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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	PREFIX	CONNECTOR	PIN	WIRE	MULTI GROUP	CODE	COLOR	IDENT											
03533		XA522	52		XA509	53				16B	9		TB0T1S	03	TB0T1S	00	1	TQ2	D1		24A	BOT COUNTER BIT 1	
03534		XA509	53										TB0T1S	04	TINT9A	01	1	TT3	E2		28B		
03537		XA545	09		XA523	41				16B	9		TB0T10X	01	TB0T10X	00	1	DCF	A2		03B		001
03506		XA523	41		XA523	40				16B	9		TB0T10X	02	TB0TCA	01	1	TQ2	D3		22B		001
03507		XA523	40		XA424	51				16B	9		TB0T10X	03	TB0TQA	01	1	TQ2	C1		19A		001
03508		XA424	51		XA423	11				16B	9		TB0T10X	04	TXDB0TA	01	1	MUX	D1		25B		001
03535		XA423	11		XA408	56				16B	9		TB0T10X	05	TXDB41X	01	5	MUX	A1		06B		001
03510		XA408	56										TB0T10X	06	TRUN3A	01	2	TQ2	D1		26A		001
03538		XA522	56		XA524	36				16B	9		TB0T2A	01	TB0T1S	01	2	TQ2	D1		26A		
03539		XA524	36										TB0T2A	02	TB0T2A	00	1	TT3	C1		17A		
03542		XA524	40		XA523	39				16B	9		TB0T2R	01	TB0T2A	01	2	TT3	C1		19A		
03543		XA523	39		XA522	35				16B	9		TB0T2R	02	TB0T2R	00	1	TQ2	C4		19B		
03544		XA522	35										TB0T2R	03	TB0T2S	01	1	TQ2	C4		17B		
03545		XA522	39		XA523	35				16B	9		TB0T2S	01	TB0T2S	00	1	TQ2	C4		19B	BOT COUNTER BIT 2	
03546		XA523	35		XA523	48				16B	9		TB0T2S	02	TB0T2R	01	1	TQ2	C4		17B		
03547		XA523	48										TB0T2S	03	TB0T3A	01	1	TQ2	D2		22A		
03551		XA524	54		XA523	46				16B	9		TB0T3A	01	TB0T1R	01	2	TT3	D1		25A		
03552		XA523	46										TB0T3A	02	TB0T3A	00	1	TQ2	D2		21A	BUFFER REG BIT 8	
03558		XA522	37		XA523	52				16B	9		TB0T4A	01	TB0T2S	01	2	TQ2	C4		18B		
03559		XA523	52										TB0T4A	02	TB0T4A	00	1	TQ2	D1		24A		
03565		XA530	68		XA533	37				16B	9		TB00BQ	01	TR00BI	01	1	IDD	JI		32A		
03566		XA533	37										TB00BQ	02	TB00BQ	00	1	TDD	EQ		18B	BUFFER REG BIT 0	
03567		XA530	62		XA533	31				16B	9		TB01BQ	01	TR01BI	01	1	TDD	KI		29A		
03568		XA533	31										TB01BQ	02	TR01BQ	00	1	IDD	FQ		15B		
03569		XA530	77		XA533	49				16B	9		TB02BQ	01	TR02BI	01	1	IDD	LI		38B		
03570		XA533	49										TB02BQ	02	TB02BQ	00	1	TDD	GO		26B		
03571		XA530	71		XA533	43				16B	9		TB03BQ	01	TR03BI	01	1	TDD	MI		36A		
03572		XA533	43										TB03BQ	02	TR03BQ	00	1	IDD	HQ		23B		
03573		XA531	08		XA533	61				16B	9		TB04BQ	01	TR04BI	01	1	IDD	AT		04A		
03574		XA533	61										TB04BQ	02	TB04BQ	00	1	TDD	JO		32B		
03575		XA531	05		XA533	55				16B	9		TB05BQ	01	TR05BI	01	1	TDD	BI		03B		
03576		XA533	55										TB05BQ	02	TR05BQ	00	1	TDD	KQ		29B		
03577		XA531	24		XA533	78				16B	9		TB06BQ	01	TR06BI	01	1	TDD	CI		13A		
03578		XA533	78										TB06BQ	02	TB06BQ	00	1	TDD	LO		38A		
03579		XA531	18		XA533	74				16B	9		TB07BQ	01	TR07BI	01	1	TDD	DI		10A		
03580		XA533	74										TB07BQ	02	TB07BQ	00	1	TDD	MQ		35B	BUFFER REG BIT 7	

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DRAWING NUMBER
UNIT ASSEMBLY NAME

149016-800
CARD CAGE ASSY,A,IFCU

STRING

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RECORD NUMBER	FROM			TO			WIRE				SPEC. IDENT.	SIGNAL	SEQ 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	NO.	MULTI GROUP	CODE	COLOR													IDEN
03581		XA534	13		XA531	40			16B	9			TB088Q	01	TB088Q	00	1	TDD	AQ		06B		
03582		XA531	40										TB088Q	02	TR088I	01	1	TDD	EI		19A		
03583		XA531	34		XA534	07			16B	9			TB098Q	01	TR098I	01	1	TDD	FI		16A		
03584		XA534	07										TB098Q	02	TB098Q	00	1	TDD	BQ		03A		
03585		XA531	54		XA534	25			16B	9			TB108Q	01	TR108I	01	1	TDD	GI		25A		
03586		XA534	25										TB108Q	02	TB108Q	00	1	TDD	CQ		12B		
03587		XA531	48		XA534	19			16B	9			TB118Q	01	TR118I	01	1	TDD	HI		22A		
03588		XA534	19										TB118Q	02	TB118Q	00	1	TDD	DQ		09B		
03589		XA531	68		XA534	37			16B	9			TB128Q	01	TR128I	01	1	TDD	JT		32A		
03590		XA534	37										TB128Q	02	TB128Q	00	1	TDD	EQ		18B		
03591		XA531	62		XA534	31			16B	9			TB138Q	01	TR138I	01	1	TDD	KT		29A		
03592		XA534	31										TB138Q	02	TB138Q	00	1	TDD	FQ		15B		
03593		XA531	77		XA534	49			16B	9			TB148Q	01	TR148I	01	1	TDD	LI		38B		
03594		XA534	49										TB148Q	02	TB148Q	00	1	TDD	GQ		26B		
03595		XA531	71		XA534	43			16B	9			TB158Q	01	TR158I	01	1	TDD	MI		36A		
03596		XA534	43										TB158Q	02	TB158Q	00	1	TDD	HQ		23B	BUFFER REG BIT 15	
03597		XA532	08		XA534	61			16B	9			TB168Q	01	TR168I	01	1	TDD	AI		06A		
03598		XA534	61										TB168Q	02	TB168Q	00	1	TDD	JQ		32B	BUFFER REG BIT 16	
03599		XA532	05		XA534	55			16B	9			TB178Q	01	TR178I	01	1	TDD	BI		03B		
03600		XA534	55										TB178Q	02	TB178Q	00	1	TDD	KQ		29B		
03601		XA532	24		XA534	78			16B	9			TB188Q	01	TR188I	01	1	TDD	CI		13A		
03602		XA534	78										TB188Q	02	TB188Q	00	1	TDD	LQ		38A		
03603		XA532	18		XA534	74			16B	9			TB198Q	01	TR198I	01	1	TDD	DI		10A		
03604		XA534	74										TB198Q	02	TB198Q	00	1	TDD	MQ		35B		
03605		XA532	40		XA535	13			16B	9			TB208Q	01	TR208I	01	1	TDD	EI		19A		
03606		XA535	13										TB208Q	02	TB208Q	00	1	TDD	AQ		06B		
03607		XA532	34		XA535	07			16B	9			TB218Q	01	TR218I	01	1	TDD	FI		16A		
03608		XA535	07										TB218Q	02	TB218Q	00	1	TDD	BQ		03A		
03609		XA532	54		XA535	25			16B	9			TB228Q	01	TR228I	01	1	TDD	GI		25A		
03610		XA535	25										TB228Q	02	TB228Q	00	1	TDD	CQ		12B		
03611		XA532	48		XA535	19			16B	9			TB238Q	01	TR238I	01	1	TDD	HI		22A		
03612		XA535	19										TB238Q	02	TB238Q	00	1	TDD	DQ		09B	BUFFER REG BIT 23	
									****	SIGNAL	{TB248Q}												IS ON THE NEXT PAGE ****

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 UNIT ASSEMBLY NAME

149016-800
 CARD CAGE ASSY,A,IFCU STRING

UNIT ASSEMBLY NO. 149016
 FILE IDENT T39CIFC6

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RECORD NUMBER	FROM				TO				WIRE				SIGNAL	SEQ NO	EQUATION	TERM	FACTOR	CKT OR CHIP TYPE	GROUP	LOAD OR POWER PLANE	TEST POINTS		SIGNAL DESCRIPTION	ECO NO		
	PREFIX	CONNECTOR	PIN	IN / OUT	PREFIX	CONNECTOR	PIN	IN / OUT	MULTI GROUP	CODE	COLOR	IDENT									IN / OUT	AND			OR	
03652		XA412	01										TCCP30	06	TCCP30	00	1	TQ2	A2		02B					
03653		XA411	09		XA413	42			168	9			TCCP40	01	TCCP40	00	1	TQ2	A3		04B					
03654		XA413	42		XA414	42			168	9			TCCP40	02	TC40BN	01	1	TDD	EN		20A					
03655		XA414	42		XA415	42			168	9			TCCP40	03	TC41BN	01	1	TDD	EN		20A					
03656		XA415	42		XA416	42			168	9			TCCP40	04	TC42BN	01	1	TDD	EN		20A					
03657		XA416	42		XA417	42			168	9			TCCP40	05	TC43BN	01	1	TDD	EN		20A					
03658		XA417	42										TCCP40	06	TC44BN	01	1	TDD	EN		20A					
03659		XA417	30		XA416	30			168	9			TCCP50	01	TC54BN	01	1	TDD	FN		15A					
03660		XA416	30		XA415	30			168	9			TCCP50	02	TC53BN	01	1	TDD	FN		15A					
03661		XA415	30		XA414	30			168	9			TCCP50	03	TC52BN	01	1	TDD	FN		15A					
03662		XA414	30		XA413	30			168	9			TCCP50	04	TC51BN	01	1	TDD	FN		15A					
03663		XA413	30		XA412	09			168	9			TCCP50	05	TC50BN	01	1	TDD	FN		15A					
03664		XA412	09										TCCP50	06	TCCP50	00	1	TQ2	A3		04B					
03665		XA411	15		XA413	56			168	9			TCCP60	01	TCCP60	00	1	TQ2	A4		07B	MAIN TIMING COUNT				
03666		XA413	56		XA414	56			168	9			TCCP60	02	TC60BN	01	1	TDD	GN		26A					
03667		XA414	56		XA415	56			168	9			TCCP60	03	TC61BN	01	1	TDD	GN		26A					
03668		XA415	56		XA416	56			168	9			TCCP60	04	TC62BN	01	1	TDD	GN		26A					
03669		XA416	56		XA417	56			168	9			TCCP60	05	TC63BN	01	1	TDD	GN		26A					
03670		XA417	56										TCCP60	06	TC64BN	01	1	TDD	GN		26A					
03671		XA417	46		XA416	46			168	9			TCCP70	01	TC74BN	01	1	TDD	HN		21A					
03672		XA416	46		XA415	46			168	9			TCCP70	02	TC73BN	01	1	TDD	HN		21A					
03673		XA415	46		XA414	46			168	9			TCCP70	03	TC72BN	01	1	TDD	HN		21A					
03674		XA414	46		XA413	46			168	9			TCCP70	04	TC71BN	01	1	TDD	HN		21A					
03675		XA413	46		XA411	22			168	9			TCCP70	05	TC70BN	01	1	TDD	HN		21A					
03676		XA411	22										TCCP70	06	TCCP70	00	1	TQ2	B1		12A	WRITE TIMING COUNT				
03677		XA412	22		XA413	70			168	9			TCCP80	01	TCCP80	00	1	TQ2	B1		12A					
03678		XA413	70		XA414	70			168	9			TCCP80	02	TC80BN	01	1	TDD	JN		33A					
03679		XA414	70		XA415	70			168	9			TCCP80	03	TC81BN	01	1	TDD	JN		33A					
03680		XA415	70		XA416	70			168	9			TCCP80	04	TC82BN	01	1	TDD	JN		33A					
03681		XA416	70		XA417	72			168	9			TCCP80	05	TC83BN	01	1	TDD	JN		33A		A03			
05776		XA417	72										TCCP80	06	TC84BN	01	1	TDD	MN		34A		A03			
03683		XA414	60		XA413	60			168	9			TCCP90	01	TC91BN	01	1	TDD	KN		28A					
03684		XA413	60		XA411	14			168	9			TCCP90	02	TC90BN	01	1	TDD	KN		28A					
03685		XA411	14										TCCP90	03	TCCP90	00	1	TQ2	B2		09A	WRITE TIMING COUNT				
03359		XA449	76		XA547	76			168	9			TCILKA4	00				EXT						B05		
03379		XA547	76		XA412	47			168	9			TCILKA4	01				RR4	H2					B02		
03687		XA412	47										TCILKA4	02	TCILK0	01	1	TQ2	D4		25B					
03287		XA550	76		XA449	75			168	9			TCILKBR	00				EXT						B04		
03358		XA449	75										TCILKBR	01				EXT						B04		
03286		XA550	75		XA549	76			168	9			TCILKD4	00M				EXT						D01		
03215		XA549	76		XA549	75			168	9			TCILKD4	00T				EXT						D01		
													****	SIGNAL		TCILKD4	IS ON THE		NEXT PAGE		****					

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RECORD NUMBER	PREFIX	CONNECTOR	PIN	UNIT NO	PREFIX	CONNECTOR	PIN	UNIT NO	MULTI GROUP	CODE	COLOR	IDENT	UNIT NO	SIGNAL	SFO NO	EQUATION	TERM	FACT	OR CH #	GROUP	OR POWER PLANE	POINTS AND OR	SIGNAL DESCRIPTION	ECO NO
03214		XA549	75		XA444	39				16B	9			TCILKD4	005				EXT					E01
03688		XA444	39		XA547	75				16B	9			TCILKD4	01	TCILKD4	00	1	TID	C4		19B	CABLE INTERLOCK DR	B02
03378		XA547	75											TCILKD4	02				RR4	H3				B02
03690		XA412	51		XA406	17				16B	9			TCILK0	01	TCILK0	00	1	T02	D4		27B	CABLE INTERLOCK RE	
03691		XA406	17		XA502	24				16B	9			TCILK0	02	TS1590	01	1	T02	B3		08B		
03692		XA502	24											TCILK0	03	TBSY0A	01	6	TS8	B1		13A		
03693		XA510	73		XA418	07				16B	9			TCRSCA	01	TCRSCA	00	1	TT3	F1		36B		
03694		XA418	07											TCRSCA	02	TCRS00	01	5	TS8	A1		03A		
03695		XA412	14										J	TCRS0A	01	TCRS0A	00	1	T02	B2		09A	TCRS0B BUSS	
03696		XA413	03		XA414	03				16B	9			TCRS0B	01	TC10B0	01	1	T00	BQ		02A		
03697		XA414	03		XA415	03				16B	9			TCRS0B	02	TC11B0	01	1	T00	BQ		02A		
03698		XA415	03		XA416	03				16B	9			TCRS0B	03	TC12B0	01	1	T00	BQ		02A		
03699		XA416	03		XA417	03				16B	9			TCRS0B	04	TC13B0	01	1	T00	BQ		02A		
03700		XA417	03		XA417	15				16B	9			TCRS0B	05	TC14B0	01	1	T00	BQ		02A		
03701		XA417	15		XA417	17				16B	9			TCRS0B	06	TC04B0	01	1	T00	AQ		07B		
03702		XA417	17		XA416	17				16B	9			TCRS0B	07	TC34B0	01	1	T00	DQ		08B		
03703		XA416	17		XA416	15				16B	9			TCRS0B	08	TC33B0	01	1	T00	DQ		08B		
03704		XA416	15		XA415	15				16B	9			TCRS0B	09	TC03B0	01	1	T00	AQ		07B		
03705		XA415	15		XA415	17				16B	9			TCRS0B	10	TC02B0	01	1	T00	AQ		07B		
03706		XA415	17		XA414	17				16B	9			TCRS0B	11	TC32B0	01	1	T00	DQ		08B		
03707		XA414	17		XA414	15				16B	9			TCRS0B	12	TC31B0	01	1	T00	DQ		08B		
03708		XA414	15		XA412	14				16B	9			TCRS0B	13	TC01B0	01	1	T00	AQ		07B		
03709		XA412	14		XA413	15				16B	9	P		TCRS0A	14	TCRS0B	01	1	T02	B2		09A		
03710		XA413	15		XA413	17				16B	9			TCRS0B	15	TC00B0	01	1	T00	AQ		07B		
03711		XA413	17		XA412	21				16B	9			TCRS0B	16	TC30B0	01	1	T00	DQ		08B		
03712		XA412	21		XA412	27				16B	9	P		TCRS1A	17	TCRS0B	02	1	T02	B3		10B		
03713		XA412	27		XA413	27				16B	9			TCRS2A	18	TCRS0B	03	1	T02	B4		13B		
03714		XA413	27		XA413	29				16B	9			TCRS0B	19	TC20B0	01	1	T00	CQ		13B		
03715		XA413	29		XA414	29				16B	9			TCRS0B	20	TC50B0	01	1	T00	FQ		14B		
03716		XA414	29		XA414	27				16B	9			TCRS0B	21	TC51B0	01	1	T00	FQ		14B		
03717		XA414	27		XA415	27				16B	9			TCRS0B	22	TC21B0	01	1	T00	CQ		13B		
03718		XA415	27		XA415	29				16B	9			TCRS0B	23	TC22B0	01	1	T00	CQ		13B		
03719		XA415	29		XA416	29				16B	9			TCRS0B	24	TC52B0	01	1	T00	FQ		14B		
03720		XA416	29		XA416	27				16B	9			TCRS0B	25	TC53B0	01	1	T00	FQ		14B		
03721		XA416	27		XA417	27				16B	9			TCRS0B	26	TC23B0	01	1	T00	CQ		13B		
03722		XA417	27		XA417	29				16B	9			TCRS0B	27	TC24B0	01	1	T00	CQ		13B		
03723		XA417	29		XA417	39				16B	9			TCRS0B	28	TC54B0	01	1	T00	FQ		14B		
03724		XA417	39		XA416	39				16B	9			TCRS0B	29	TC44B0	01	1	T00	EQ		19B		
03725		XA416	39		XA415	39				16B	9			TCRS0B	30	TC43B0	01	1	T00	EQ		19B		
03726		XA415	39		XA414	39				16B	9			TCRS0B	31	TC42B0	01	1	T00	EQ		19B		
03727		XA414	39		XA413	39				16B	9			TCRS0B	32	TC41B0	01	1	T00	EQ		19B		
03728		XA413	39		XA413	51				16B	9			TCRS0B	33	TC40B0	01	1	T00	EQ		19B		
03729		XA413	51		XA414	51				16B	9			TCRS0B	34	TC60B0	01	1	T00	GG		27B		
03730		XA414	51		XA415	51				16B	9			TCRS0B	35	TC61B0	01	1	T00	GG		27B		
03731		XA415	51		XA416	51				16B	9			TCRS0B	36	TC62B0	01	1	T00	GG		27B		
03732		XA416	51		XA417	51				16B	9			TCRS0B	37	TC63B0	01	1	T00	GG		27B		
												****	SIGNAL	TCRS0B	IS ON THE NEXT PAGE						****			

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	PRE FIX	CONNECTOR	PIN	WIRE NO	PREFIX	CONNECTOR	PIN	WIRE NO	MULTI GROUP	CODE	COLOR	IDENT									AND	OR		
03771 03772		XA524 XA523	01 01		XA523	01				16B	9		TCSD0S TCSD0S	01 02	TCSD0R TCSD0S	01 00	1 1	TT3 TQ2	A2 A2		02B 02B		INPUT DELAY BUSY P	
03773 03774		XA527 XA525	35 01		XA525	01				16B	9		TCSD00 TCSD00	01 02	TCSD00 TCSD0A	00 01	1 1	TS8 TD4	C1 A2		17B 02B			
04007 03776 03777		XA417 XA525 XA525	59 04 24		XA525	04 24				16B 16B	9 9		TCSD1P TCSD1P TCSD1P	01 02 03	TCSD1P TCSD0A TCSD2A	00 01 01	1 2 2	TDD TD4 TD4	JP A2 B1		31B 04A 13A		A03	
03778 04010		XA415 XA417	62 61		XA417	61				16B	9		TCSD1Q TCSD1Q	01 02	TCSD2I TCSD1Q	01 00	1 1	TDD TDD	KI J0		29A 32B		A03 A03	
03780 03781 01648		XA407 XA410 XA506	21 14 59		XA410 XA506	14 59				16B 16B	9 9		TCSD1Q TCSD1Q TCSD1Q	01 02 03	TCSD1Q TRWS4A TREWCA	00 01 01	1 1 1	TQ2 TD4 TQ2	B3 B2 E4		10B 09A 31B		D02 D02	
03782 03783		XA523 XA525	77 23		XA525	23				16B	9		TCSD2A TCSD2A	01 02	TCSD2A TCSD2A	00 00	1 1	TQ2 TD4	F1 B1		38B 11B			
03784 04002 03786		XA417 XA417 XA415	79 68 57		XA417 XA415	68 57				16B 16B	9 9		TCSD2P TCSD2P TCSD2P	01 02 03	TCSD0N TCSD1I TCSD2P	01 01 00	1 1 1	TDD TDD TDD	LN JI KP		39B 32A 30B		A03 A03	
03787 03788 03789		XA525 XA525 XA415	25 05 55		XA525 XA415	05 55				16B 16B	9 9		TCSD2Q TCSD2Q TCSD2Q	01 02 03	TCSD2A TCSD0A TCSD2Q	01 01 00	3 3 1	TD4 TD4 TDD	B1 A2 K0		12B 03B 29B		INPUT DELAY COUNT	
03790 03791 03792 03793 03794		XA522 XA522 XA522 XA522 XA523	55 61 64 70 75		XA522 XA522 XA522 XA523	61 64 70 75				16B 16B 16B 16B	9 9 9 9		TCSD2Q TCSD2Q TCSD2Q TCSD2Q TCSD2Q	01 02 03 04 05	TRW32A TRW42A TRW22A TRW12A TCSD2Q	01 01 01 01 00	2 2 2 2 1	TQ2 TQ2 TQ2 TQ2 TQ2	E3 E4 E2 E1 F1		29B 32B 30A 33A 37B			
03795 03796		XA418 XA412	23 34		XA412	34				16B	9		TCZR0A TCZR0A	01 02	TCZR0A TCZR0Q	00 01	1 1	TS8 TQ2	B1 C2		11B 16A		MAIN TIMING COUNT	
03797 03798 03799		XA515 XA509 XA409	66 77 59		XA509 XA409 XA409	77 59 46				16B 16B 16B	9 9 9		TCZR0Q TCZR0Q TCZR0Q	01 02 03	TWRG2A TLAD0A TSTP6A	01 01 01	2 2 2	TD4 TT3 TT3	E1 F1 E3		31A 38B 31B			
03800 03801 03802		XA409 XA410 XA412	46 25 30		XA410 XA412	25 30				16B 16B	9 9		TCZR0Q TCZR0Q TCZR0Q	04 05 06	TFST2A TSTR2A TCZR0Q	01 01 00	2 3 1	TT3 TD4 TQ2	D2 B1 C2		21A 17B 15A			
03803 03804		XA418 XA412	35 29		XA412	29				16B	9		TCZR1A TCZR1A	01 02	TCZR1A TCZR1Q	00 01	1 1	TS8 TQ2	C1 C3		17B 14B			
03805 03806		XA412 XA418	33 25		XA418	25				16B	9		TCZR1Q TCZR1Q	01 02	TCZR1Q TCZR0A	00 01	1 7	TQ2 TS8	C3 B1		14B 12B			
										****		SIGNAL	TCZR7A										IS ON THE NEXT PAGE	****

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	PREFIX	CONNECTOR	PIN	PREFIX	CONNECTOR	PIN	SIZE	MULTI GROUP	CODE	COLOR											IDENT	SPEC. INET. MISC.
03807		XA520	17		XA521	11			16B	9		TCZR7A	01	TCZR70	01	1	TQ2	B3	08B			
03808		XA521	11									TCZR7A	02	TCZR7A	00	1	TS8	A1	05B	WRITE TIMING COUNT		
03809		XA515	68		XA518	46			16B	9		TCZR70	01	TWRG2A	01	3	TD4	E1	32A			
03810		XA518	46		XA518	35			16B	9		TCZR70	02	TLCC4A	01	2	TT3	D2	21A			
03811		XA518	35		XA520	21			16B	9		TCZR70	03	TWR14A	01	2	TT3	C3	17B			
03812		XA520	21									TCZR70	04	TCZR70	00	1	TQ2	B3	10B			
03813		XA413	13		XA414	08			16B	9		TC00BQ	01	TC00BQ	00	1	TDD	AQ	06B			
03814		XA414	08		XA418	14			16B	9		TC00BQ	02	TC01B1	01	1	TDD	AI	06A			
03815		XA418	14									TC00BQ	03	TCZROA	01	1	TS8	B1	09A			
03816		XA415	08		XA414	13			16B	9		TC01BQ	01	TC02B1	01	1	TDD	AI	06A			
03817		XA414	13									TC01BQ	02	TC01BQ	00	1	TDD	AQ	06B			
03818		XA415	13		XA416	08			16B	9		TC02BQ	01	TC02BQ	00	1	TDD	AQ	06B			
03819		XA416	08									TC02BQ	02	TC03B1	01	1	TDD	AI	06A			
03820		XA417	08		XA416	13			16B	9		TC03BQ	01	TC04B1	01	1	TDD	AI	06A			
03821		XA416	13									TC03BQ	02	TC03BQ	00	1	TDD	AQ	06B			
03822		XA412	08		XA413	08			16B	9		TC04BP	01	TCCP10	01	1	TQ2	A1	06A			
03823		XA413	08		XA417	11			16B	9		TC04BP	02	TC00B1	01	1	TDD	AI	06A			
03824		XA417	11									TC04BP	03	TC04BP	00	1	TDD	AP	05B			
03825		XA418	18		XA417	13			16B	9		TC04BQ	01	TCZROA	01	2	TS8	B1	10A			
03826		XA417	13									TC04BQ	02	TC04BQ	00	1	TDD	AQ	06B	MAIN TIMING COUNT		
03827		XA418	19		XA414	05			16B	9		TC10BQ	01	TCZROA	01	3	TS8	B1	09B			
03828		XA414	05		XA413	07			16B	9		TC10BQ	02	TC11B1	01	1	TDD	BI	03B			
03829		XA413	07									TC10BQ	03	TC10BQ	00	1	TDD	BQ	03A			
03830		XA415	05		XA414	07			16B	9		TC11BQ	01	TC12B1	01	1	TDD	BI	03B			
03831		XA414	07									TC11BQ	02	TC11BQ	00	1	TDD	BQ	03A			
03834		XA415	07		XA416	05			16B	9		TC12BQ	01	TC12BQ	00	1	TDD	BQ	03A			
03835		XA416	05									TC12BQ	02	TC13B1	01	1	TDD	BI	03B			
03836		XA519	20		XA417	05			16B	9		TC13BQ	01	TO80UA	01	2	TQ2	B2	11A		D01	
03837		XA417	05		XA416	07			16B	9		TC13BQ	02	TC14B1	01	1	TDD	BI	03B			
03838		XA416	07									TC13BQ	03	TC13BQ	00	1	TDD	BQ	03A			
03839		XA411	04		XA413	05			16B	9		TC14BP	01	TCCP20	01	1	TQ2	A2	04A			
03840		XA413	05		XA417	09			16B	9		TC14BP	02	TC10B1	01	1	TDD	BI	03B			
03841		XA417	09		XA519	18			16B	9		TC14BP	03	TC14BP	00	1	TDD	BP	04B		D01	
03832		XA519	18									TC14BP	04	TO80UA	01	1	TQ2	B2	10A		D01	
03842		XA418	20		XA417	07			16B	9		TC14BQ	01	TCZROA	01	4	TS8	B1	11A			
03843		XA417	07									TC14BQ	02	TC14BQ	00	1	TDD	BQ	03A	MAIN TIMING COUNT		
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PREFIX	CONNECTOR	PIN	PREFIX	CONNECTOR	PIN	WIRE	WIRE	WIRE																
03844		XA418	22		XA414	24					16B	9		TC20BQ	01	TC2ROA	01	5	TS8	B1		12A		
03845		XA414	24		XA413	25					16B	9		TC20BQ	02	TC21BI	01	1	TDD	CI		13A		
03846		XA413	25											TC20BQ	03	TC20BQ	00	1	TDD	CQ		12B		
03847		XA415	24		XA414	25					16B	9		TC21BQ	01	TC22BI	01	1	TDD	CI		13A		
03848		XA414	25											TC21BQ	02	TC21BQ	00	1	TDD	CQ		12B		
03849		XA415	25		XA416	24					16B	9		TC22BQ	01	TC22BQ	00	1	TDD	CQ		12B		
03850		XA416	24											TC22BQ	02	TC23BI	01	1	TDD	CI		13A		
03851		XA417	24		XA416	25					16B	9		TC23BQ	01	TC24BI	01	1	TDD	CI		13A		
03852		XA416	25											TC23BQ	02	TC23BQ	00	1	TDD	CQ		12B		
03853		XA412	04		XA413	24					16B	9		TC24BP	01	TC2P30	01	1	TQ2	A2		06A		
03854		XA413	24		XA417	23					16B	9		TC24BP	02	TC20BI	01	1	TDD	CI		13A		
03855		XA417	23											TC24BP	03	TC24BP	00	1	TDD	CP		11B		
03856		XA418	24		XA417	25					16B	9		TC24BQ	01	TC2ROA	01	6	TS8	B1		13A		
03857		XA417	25											TC24BQ	02	TC24BQ	00	1	TDD	CQ		12B	MAIN TIMING COUNT	
03948		XA525	48		XA418	30					16B	9		TC30BQ	00	T066MA	01	3	TD4	D2		22A		E03
03860		XA418	30		XA414	18					16B	9		TC30BQ	01	TC2R1A	01	1	TS8	C1		15A		
03861		XA414	18		XA413	19					16B	9		TC30BQ	02	TC31BI	01	1	TDD	DI		10A		
03862		XA413	19											TC30BQ	03	TC30BQ	00	1	TDD	DQ		09B		
08201		XA414	21		XA519	03					16B	9		TC31BP	01	TC31BP	00	1	TDD	DP		10B		E03
03899		XA519	03		XA525	50					16B	9		TC31BP	02	T002MA	01	1	TQ2	A3		02A		E03
03949		XA525	50		XA525	72					16B	9		TC31BP	03	T066MA	01	4	TD4	D2		23A		E03
03884		XA525	72											TC31BP	04	T082MA	01	2	TD4	F2		34A		E06
03863		XA415	18		XA414	19					16B	9		TC31BQ	01	TC32BI	01	1	TDD	DI		10A		E03
03864		XA414	19											TC31BQ	02	TC31BQ	00	1	TDD	DQ		09B		
01431		XA433	72		XA519	08					16B	9		TC32BP	00	T033MA	01	2	TD4	F2		34A		E03
03865		XA519	08		XA415	21					16B	9		TC32BP	01	T003MA	01	1	TQ2	A1		06A		
03866		XA415	21											TC32BP	02	TC32BP	00	1	TDD	DP		10B		
03867		XA415	19		XA416	18					16B	9		TC32BQ	01	TC32BQ	00	1	TDD	DQ		09B		
03868		XA416	18		XA519	07					16B	9		TC32BQ	02	TC33BI	01	1	TDD	DI		10A		
03903		XA519	07											TC32BQ	03	T002MA	01	2	TQ2	A3		03A		E06
03869		XA416	19		XA417	18					16B	9		TC33BQ	01	TC33BQ	00	1	TDD	DQ		09B		
03870		XA417	18		XA519	10					16B	9		TC33BQ	02	TC34BI	01	1	TDD	DI		10A		
03871		XA519	10		XA433	73					16B	9		TC33BQ	03	T003MA	01	2	TQ2	A1		07A		E03
01370		XA433	73											TC33BQ	04	T033MA	01	3	TD4	F2		36B		E03
03872		XA411	03		XA413	18					16B	9		TC34BP	01	TC3P40	01	1	TQ2	A3		02A		
03873		XA413	18		XA417	21					16B	9		TC34BP	02	TC30BI	01	1	TDD	DI		10A		
03874		XA417	21											TC34BP	03	TC34BP	00	1	TDD	DP		10B		E03
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	PREFIX	CONNECTOR	PIN		PREFIX	CONNECTOR	PIN		CODE	COLOR	IDEN													
03876		XA418	31										TC348Q	01	TCZRIA	01	2	TS8	C1		15B	MAIN TIMING COUNT		
03877		XA417	19			XA417	19						TC348Q	02	TC348Q	00	1	TDD	DQ		09B			
03880		XA413	35			XA515	40						TC408P	03	TC408P	00	1	TDD	EP		17B		E06	
08100		XA515	40			XA506	64						TC408P	04	TWRG6A	01	3	TD4	C1		19A		E06	
08109		XA506	64										TC408P	05	TREG1A	01	2	TQ2	F2		30A		E06	
03881		XA413	37			XA414	40						TC408Q	01	TC408Q	00	1	TDD	EQ		18B			
03882		XA414	40			XA418	34						TC408Q	02	TC418I	01	1	TDD	E1		19A			
03883		XA418	34			XA525	43						TC408Q	03	TCZRIA	01	3	TS8	C1		16A		E03	
03991		XA525	43										TC408Q	04	T066MA	01	1	TD4	D2		23B		E03	
08203		XA414	35			XA525	46						TC418P	01	TC418P	00	1	TDD	EP		17B		E03	
04001		XA525	46			XA515	48						TC418P	02	T066MA	01	2	TD4	D2		21A		E06	
08095		XA515	48										TC418P	03	TNDA1A	01	3	TD4	D2		22A		E06	
03885		XA415	40			XA414	37						TC418Q	02	TC428I	01	1	TDD	E1		19A			
03886		XA414	37										TC418Q	03	TC418Q	00	1	TDD	EQ		18B			
08204		XA415	35			XA519	04						TC428P	01	TC428P	00	1	TDD	EP		17B		D01	
03879		XA519	04			XA433	71						TC428P	02	T030MA	01	1	TQ2	A2		04A		E06	
01280		XA433	71										TC428P	04	T033MA	01	1	TD4	F2		36A		E03	
03878		XA525	71			XA416	40						TC428Q	005	T082MA	01	1	TD4	F2		36A		E06	
03887		XA416	40			XA415	37						TC428Q	01	TC438I	01	1	TDD	E1		19A			
03888		XA415	37										TC428Q	02	TC428Q	00	1	TDD	EQ		18B			
03858		XA525	73			XA416	35						TC438P	01	T082MA	01	3	TD4	F2		36B		E06	
08205		XA416	35										TC438P	02	TC438P	00	1	TDD	EP		17B		E06	
03889		XA416	37			XA417	40						TC438Q	01	TC438Q	00	1	TDD	EQ		18B			
03890		XA417	40			XA519	05						TC438Q	02	TC448I	01	1	TDD	E1		19A		D01	
03894		XA519	05										TC438Q	03	T030MA	01	2	TQ2	A2		03B		D01	
03891		XA412	03			XA413	40						TC448P	01	TCCP50	01	1	TQ2	A3		02A			
03892		XA413	40			XA417	35						TC448P	02	TC408I	01	1	TDD	E1		19A			
03893		XA417	35										TC448P	03	TC448P	00	1	TDD	EP		17B		D04	
03895		XA418	36			XA417	37						TC448Q	01	TCZRIA	01	4	TS8	C1		17A			
03896		XA417	37										TC448Q	02	TC448Q	00	1	TDD	EQ		18B		MAIN TIMING COUNT	
03900		XA418	37			XA414	34						TC508Q	01	TCZRIA	01	5	TS8	C1		18B			
03901		XA414	34			XA413	31						TC508Q	02	TC518I	01	1	TDD	F1		16A			
03902		XA413	31										TC508Q	03	TC508Q	00	1	TDD	FQ		15B			
08206		XA414	33			XA407	41						TC518P	01	TC518P	00	1	TDD	EP		16B		D01	
03897		XA407	41										TC518P	02	T200MA	01	1	TQ2	D3		22B		D01	
01478		XA432	37			XA415	34						TC518Q	01	TSTP90	01	2	TQ2	C4		18B		E06	
03904		XA415	34			XA414	31						TC518Q	02	TC528I	01	1	TDD	F1		16A			
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	PREFIX	CONNECTOR	PIN	PLC	PREFIX	CONNECTOR	PIN	PLC	MULTI GROUP	CODE	COLOR	IDENT												SPEC INST. WIRE	
03905		XA414	31										TC51BQ	03	TC51BQ	00	1	TDD	FQ		15B				
03922		XA506	55		XA415	33			16B	9			TC52BP	00	TREG2A	01	2	TQ2	E3		29B		D01		
03906		XA415	33		XA519	11			16B	9			TC52BP	01	TC52BP	00	1	TDD	FP		16B				
03907		XA519	11										TC52BP	02	T300MA	01	1	TQ2	A4		05B				
03908		XA416	34		XA415	31			16B	9			TC52BQ	01	TC53BI	01	1	TDD	FI		16A				
03909		XA415	31		XA407	43			16B	9			TC52BQ	02	TC52BQ	00	1	TDD	FQ		15B		D01		
03913		XA407	43										TC52BQ	03	T200MA	01	2	TQ2	D3		23B		D01		
03910		XA416	31		XA417	34			16B	9			TC53BQ	01	TC53BQ	00	1	TDD	FO		15B				
03911		XA417	34		XA519	13			16B	9			TC53BQ	02	TC54BI	01	1	TDD	FI		16A				
03912		XA519	13										TC53BQ	03	T300MA	01	2	TQ2	A4		06B		D01		
03928		XA506	79		XA411	11			16B	9			TC54BP	01	TREG3A	01	2	TQ2	F1		39B		D01		
03914		XA411	11		XA413	34			16B	9			TC54BP	02	TCCP60	01	1	TQ2	A4		05B				
03915		XA413	34		XA417	33			16B	9			TC54BP	03	TC50BI	01	1	TDD	FI		16A				
03916		XA417	33										TC54BP	04	TC54BP	00	1	TDD	FP		16B				
03917		XA418	38		XA417	31			16B	9			TC54BQ	01	TC2R1A	01	6	TS8	C1		18A				
03918		XA417	31										TC54BQ	02	TC54BQ	00	1	TDD	FO		15B				
03936		XA503	19		XA413	47			16B	9			TC60BP	01	TNDA2A	01	3	TS8	B1		09B		D04		
08208		XA413	47										TC60BP	02	TC60BP	00	1	TDD	GP		25B		D06		
03919		XA418	40		XA414	54			16B	9			TC60BQ	01	TC2R1A	01	7	TS8	C1		19A				
03920		XA414	54		XA413	49			16B	9			TC60BQ	02	TC61BI	01	1	TDD	GI		25A				
03921		XA413	49										TC60BQ	03	TC60BQ	00	1	TDD	GQ		26B				
03924		XA415	54		XA414	49			16B	9			TC61BQ	01	TC62BI	01	1	TDD	GI		25A				
03925		XA414	49										TC61BQ	02	TC61BQ	00	1	TDD	GQ		26B				
03926		XA416	54		XA415	49			16B	9			TC62BQ	01	TC63BI	01	1	TDD	GI		25A				
03927		XA415	49										TC62BQ	02	TC62BQ	00	1	TDD	GQ		26B				
03930		XA412	11		XA416	49			16B	9			TC63BQ	01	T009SA	01	1	TQ2	A4		05B				
03931		XA416	49		XA417	54			16B	9			TC63BQ	02	TC63BQ	00	1	TDD	GQ		26B				
03932		XA417	54										TC63BQ	03	TC64BI	01	1	TDD	GI		25A				
03933		XA412	13		XA417	47			16B	9			TC64BP	01	T009SA	01	2	TQ2	A4		06B				
03934		XA417	47		XA413	54			16B	9			TC64BP	02	TC64BP	00	1	TDD	GP		25B				
03935		XA413	54										TC64BP	03	TC60BI	01	1	TDD	GI		25A		D01		
03937		XA418	42		XA417	49			16B	9			TC64BQ	01	TC2R1A	01	8	TS8	C1		20A				
03938		XA417	49										TC64BQ	02	TC64BQ	00	1	TDD	GQ		26B		MAIN TIMING COUNT		
03939		XA413	43		XA414	48			16B	9			TC70BQ	01	TC70BQ	00	1	TDD	HQ		23B				
03940		XA414	48		XA521	01			16B	9			TC70BQ	02	TC71BI	01	1	TDD	HI		27A				
03941		XA521	01		XA518	30			16B	9			TC70BQ	03	TC2R7A	01	1	TS8	A1		02B				
03942		XA518	30		XA527	50			16B	9			TC70BQ	04	TWDEFA	01	2	TT3	C2		15A				
									****			SIGNAL	(TC70BQ)		IS ON THE									NEXT PAGE	****

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	PREFIX	CONNECTOR	PIN	PREFIX	CONNECTOR	PIN	MULTI GROUP	CODE	COLOR	IDENT									AND	OR		
03943		XA527	50		XA502	64						TC70BQ	05	U3618A	01 5	TS8	D1		23A			D01
03944		XA502	64									TC70BQ	06	U1658A	01 5	TS8	E1		30A			D01
03945		XA415	48		XA414	43						TC71BQ	01	TC72BI	01 1	TDD	HI		22A			
03946		XA414	43		XA509	35						TC71BQ	02	TC71BQ	00 1	TDD	HQ		23B			
03947		XA509	35									TC71BQ	03	TWDBCA	01 2	TT3	C3		17B			E03
03950		XA509	37		XA415	45						TC72BP	02	TWDBCA	01 3	TT3	C3		18B			
03951		XA415	45									TC72BP	03	TC72BP	00 1	TDD	HP		24B			
03952		XA527	75		XA416	48						TC72BQ	01	T198UA	01 5	TS8	F1		37B			E03
03954		XA416	48		XA415	43						TC72BQ	03	TC73BI	01 1	TDD	HI		22A			
03955		XA415	43									TC72BQ	04	TC72BQ	00 1	TDD	HQ		23B			
03956		XA502	66		XA527	77						TC73BP	01	U1658A	01 6	TS8	E1		31A			E03
03958		XA527	77		XA527	52						TC73BP	03	T198UA	01 6	TS8	F1		38B			D01
03959		XA527	52		XA518	34						TC73BP	04	U3618A	01 6	TS8	D1		24A			D01
03960		XA518	34		XA416	45						TC73BP	05	TWDEA	01 3	TT3	C2		16A			
03961		XA416	45									TC73BP	06	TC73BP	00 1	TDD	HP		24B			
03962		XA416	43		XA417	48						TC73BQ	01	TC73BQ	00 1	TDD	HQ		23B			
03963		XA417	48		XA527	64						TC73BQ	02	TC74BI	01 1	TDD	HI		22A			
03964		XA527	64									TC73BQ	03	T399UA	01 5	TS8	E1		30A			D01
03965		XA412	24		XA413	48						TC74BP	01	TCCP80	01 1	TQ2	B1		13A			
03966		XA413	48		XA417	45						TC74BP	02	TC70BI	01 1	TDD	HI		22A			
03967		XA417	45		XA527	66						TC74BP	03	TC74BP	00 1	TDD	HP		24B			
03968		XA527	66									TC74BP	04	T399UA	01 6	TS8	E1		31A			D01
03969		XA417	43		XA521	04						TC74BQ	01	TC74BQ	00 1	TDD	HQ		23B	WRITE TIMING COUNT		
03970		XA521	04									TC74BQ	02	TCZR7A	01 2	TS8	A1		04A			
03993		XA502	61		XA527	48						TC80BP	A0	U1658A	01 3	TS8	E1		32B			E03
03973		XA527	48		XA413	59						TC80BP	03	U3618A	01 3	TS8	D1		22A			D01
03974		XA413	59									TC80BP	04	TC80BP	00 1	TDD	JP		31B			
03975		XA413	61		XA414	68						TC80BQ	01	TC80BQ	00 1	TDD	JQ		32B			
03976		XA414	68		XA521	05						TC80BQ	02	TC81BI	01 1	TDD	JJ		32A			
03977		XA521	05									TC80BQ	03	TCZR7A	01 3	TS8	A1		03B			D01
03986		XA527	49		XA415	68						TC81BQ	03	U3618A	01 4	TS8	D1		26B			D01
03987		XA415	68		XA414	61						TC81BQ	04	TC82BI	01 1	TDD	JJ		32A			
03988		XA414	61									TC81BQ	05	TC81BQ	00 1	TDD	JQ		32B			D01
03995		XA416	68		XA415	61						TC82BQ	02	TC83BI	01 1	TDD	JJ		32A			
03996		XA415	61									TC82BQ	03	TC82BQ	00 1	TDD	JQ		32B			
03971		XA527	73		XA527	61						TC83BQ	01	T198UA	01 3	TS8	F1		36B			D01
03972		XA527	61		XA417	71						TC83BQ	02	T399UA	01 3	TS8	E1		32B			D01
03785		XA417	71		XA416	61						TC83BQ	03	TC84BI	01 1	TDD	MT		36A			A03
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	PREFIX	CONNECTOR	PIN	PREFIX	CONNECTOR	PIN	MULTI GROUP	CODE	COLOR	IDENT													
04003 04004		XA416 XA438	61 63		XA438	63			16B	9		TC83BQ TC83BQ	04 05	TC83BQ TWDDEPR	00 01	1 4	TDD PAR	JQ E1		32B 32B			
04000 04005 04006		XA502 XA411 XA413	62 18 68		XA411 XA413 XA417	18 68 69			16B	9		TC84BP TC84BP TC84BP	00 01 02	U1658A TCCP90 TC80BI	01 01 01	4 1 1	TSB TQ2 TDD	E1 B2 JT		29A 10A 32A		D01 A03	
03775 03982 03983 03978 03979 04008 03985		XA417 XA421 XA423 XA422 XA424 XA527 XA527	69 66 66 66 66 74 62		XA421 XA423 XA422 XA424 XA527 XA527	66 66 66 66 74 62			16B	9		TC84BP TC84BP TC84BP TC84BP TC84BP TC84BP	03 04 05 06 07 09	TC84BP TC84BP TC84BP TC84BP TC84BP TC84BP	00 01 01 01 01 01	1 4 4 4 4 4	TDD MUX MUX MUX MUX TSB	MP E1 E1 E1 E1 E1		35A 32B 32B 32B 32B 35B 29A		D01 D01 D01 D01 E03 D01 D01	
04009 03779 04011		XA521 XA417 XA438	06 74 64		XA417 XA438	74 64			16B	9		TC84BQ TC84BQ TC84BQ	01 02 03	TCZR7A TCR4BQ TWDDEPR	01 00 01	4 1 5	TSB TDD PAR	A1 MQ E1		05A 35B 31A		A03 A03	
03997 03998 04012 04013 04014		XA423 XA422 XA413 XA502 XA527	49 49 57 55 71		XA422 XA413 XA502 XA527	49 57 55 71			16B	9		TC90BP TC90BP TC90BP TC90BP TC90BP	00 002 01 02 03	TW00DTA TW04DTA TC90BP U1658A T198UA	01 01 00 01 01	4 4 1 1 1	MUX MUX TDD TSB TSB	D1 D1 KP E1 F1		24B 24B 30B 29B 36A		D01 D01 D01 D01 D01	
04015 04016 04017 04018 04019		XA413 XA414 XA521 XA527 XA527	55 62 07 43 55		XA414 XA521 XA527 XA527	62 07 43 55			16B	9		TC90BQ TC90BQ TC90BQ TC90BQ TC90BQ	01 02 03 04 05	TC90BQ TC91BI TCZR7A U3618A T399UA	00 01 01 01 01	1 1 5 1 1	TDD TDD TSB TSB TSB	KQ KI A1 D1 E1		29B 29A 03A 23B 29B		D01 D01	
04020 04021 04022 04023		XA414 XA413 XA527 XA527	57 62 46 60		XA413 XA527 XA527	62 46 60			16B	9		TC91BP TC91BP TC91BP TC91BP	01 02 03 04	TC91BP TC90BI U3618A T399UA	00 01 01 01	1 1 2 2	TDD TDD TSB TSB	KP KI D1 E1		30B 29A 21A 28A		D01 D01	
04024 04025 04026 04027		XA502 XA527 XA521 XA414	60 72 08 55		XA527 XA521 XA414	72 08 55			16B	9		TC91BQ TC91BQ TC91BQ TC91BQ	01 02 03 04	U1658A T198UA TCZR7A TC91BQ	01 01 01 00	2 2 4 1	TSB TSB TSB TDD	E1 F1 A1 KQ		28A 34A 06A 29B		D01 D01	
04028 04029 04030 04031 04032		XA528 XA528 XA528 XA528 XA520	01 10 14 26 38		XA528 XA528 XA528 XA520	10 14 26 38			16B	9		TDCP00 TDCP00 TDCP00 TDCP00 TDCP00	01 02 03 04 05	T001BN T000BN T003BN T002BN TDCP00	01 01 01 01 00	1 1 1 1 1	TDD TDD TDD TDD TQ2	BN AN DN CN CI		02B 07A 09A 14A 18A			
04033 04034 04035 04036		XA520 XA528 XA528 XA528	30 30 42 46		XA528 XA528 XA528 XA528	30 42 46 56			16B	9		TDCP10 TDCP10 TDCP10 TDCP10	01 02 03 04	TDCP10 T005BN T004BN T007BN	00 01 01 01	1 1 1 1	TQ2 TDD TDD TDD	C2 EN EN HN		15A 15A 20A 21A			
									***			SIGNAL		TDCP10									IS ON THE NEXT PAGE

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	PREFIX	CONNECTOR	PIN	PREFIX	CONNECTOR	PIN	DI	MULTI GROUP	CODE	COLOR														
04075		XA540	15									TDIRIR	06	TDSC1ER	01	2	EDR	B1			08B		D01	
04076		XA543	47	XA518	71			16B	9			TDIRIS	00	TDIRCD4	01	1	TLD	D4			25B		D01	
04077		XA518	71	XA509	68			16B	9			TDIRIS	01	TREN2A	01	2	TT3	F2			36A			
04078		XA509	68	XA508	14			16B	9			TDIRIS	02	UINT7A	01	2	TT3	E1			32A		D01	
04079		XA508	14	XA506	03			16B	9			TDIRIS	03	TNSGJA	01	1	TD4	B2			09A			
04080		XA506	03	XA406	40			16B	9			TDIRIS	04	URUNIA	01	1	TQ2	A3			02A		D01	
04081		XA406	40	XA407	38			16B	9			TDIRIS	05	TDIRIR	01	1	TQ2	C1			19A			
04082		XA407	38									TDIRIS	06	TDIRIS	00	1	TQ2	C1			18A	OLD DIRECTION F/F		
04083		XA541	23	XA505	04			16B	9			TDIRSP	01	TDIRSP	00	1	TDD	CP			11B			
04084		XA505	04	XA408	47			16B	9			TDIRSP	02	TBSY2A	01	1	TQ2	A2			04A			
04085		XA408	47									TDIRSP	03	TDR11A	01	1	TQ2	D4			25B			
04086		XA406	54	XA505	08			16B	9			TDIRSQ	01	TDRI0A	01	1	TQ2	D1			25A			
04087		XA505	08	XA540	17			16B	9			TDIRSQ	02	UBSY1A	01	1	TQ2	A1			06A		D01	
04088		XA540	17	XA541	25			16B	9			TDIRSQ	03	TDSC1ER	01	1	EDR	B1			09B			
04089		XA541	25									TDIRSQ	04	TDIRSQ	00	1	TDD	C0			12B	NEW DIRECTION F/F		
04090		XA406	52	XA407	42			16B	9			TDRI0A	01	TDRI0A	00	1	TQ2	D1			24A			
04091		XA407	42									TDRI0A	02	TDIRIS	01	2	TQ2	C1			20A			
04092		XA406	42	XA408	51			16B	9			TDRI1A	01	TDIRIR	01	2	TQ2	C1			20A			
04093		XA408	51									TDRI1A	02	TDRI1A	00	1	TQ2	D4			27B			
04094		XA437	76	XA518	14			16B	9			TDRSCA	01	TDRSCA	00	1	TS8	F1			37A	CLEAR INPUT DATA B		
04095		XA518	14									TDRSCA	02	TDRS00	01	1	TT3	B2			09A			
04096		XA406	57	XA528	04			16B	9			TDRSOA	01	TDRSOA	00	1	TQ2	E3			30B			
04097		XA528	04	XA528	06			16B	9			TDRSOA	02	TDD1BP	01	1	TDD	BP			04A			
04098		XA528	06	XA528	20			16B	9			TDRSOA	03	TDD0BP	01	1	TDD	AP			05A			
04099		XA528	20	XA528	22			16B	9			TDRSOA	04	TDD3BP	01	1	TDD	DP			11A			
04100		XA528	22									TDRSOA	05	TDD2BP	01	1	TDD	CP			12A			
04101		XA406	53	XA518	19			16B	9			TDRS00	01	TDRS0A	01	1	TQ2	E3			28B			
04102		XA518	19	XA520	53			16B	9			TDRS00	02	TDRS00	00	1	TT3	B2			09B			
04103		XA520	53	XA520	59			16B	9			TDRS00	03	TDRS2A	01	1	TQ2	E3			28B			
04104		XA520	59	XA520	62			16B	9			TDRS00	04	TDRS3A	01	1	TQ2	F4			31B			
04105		XA520	62	XA520	65			16B	9			TDRS00	05	TDRS1A	01	1	TQ2	E2			29A			
04106		XA520	65	XA520	71			16B	9			TDRS00	06	TDRS6A	01	1	TQ2	F3			34B			
04107		XA520	71	XA520	77			16B	9			TDRS00	07	TDRS5A	01	1	TQ2	F2			36A			
04108		XA520	77	XA520	76			16B	9			TDRS00	08	TDRS4A	01	1	TQ2	F1			38B			
04109		XA520	76									TDRS00	09	TDRS7A	01	1	TQ2	F4			37A			
04110		XA528	36	XA528	38			16B	9			TDRS1A	01	TDD5BP	01	1	TDD	FP			17A			
04111		XA528	38	XA528	50			16B	9			TDRS1A	02	TDD4BP	01	1	TDD	EP			18A			
04112		XA528	50	XA528	52			16B	9			TDRS1A	03	TDD7BP	01	1	TDD	HP			23A			
04113		XA528	52	XA520	60			16B	9			TDRS1A	04	TDD6BP	01	1	TDD	GP			24A			
04114		XA520	60									TDRS1A	05	TDRS1A	00	1	TQ2	E2			28A			
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	PREFIX	CONNECTOR	PIN	WIRE NO	PREF I	CONNECTOR	PIN	WIRE NO	MULTI GROUP	CODE	COLOR												
04115	XA520	57			XA528	64				168	9		TDRS2A	01	TDRS2A	00	1	TQ2	E3		30B		
04116	XA528	64			XA528	66				168	9		TDRS2A	02	TD098P	01	1	IDD	KP		30A		
04117	XA528	66			XA528	73				168	9		TDRS2A	03	TD088P	01	1	TDD	JP		31A		
04118	XA528	73			XA528	75				168	9		TDRS2A	04	TD118P	01	1	TDD	MP		36B		
04119	XA528	75											TDRS2A	05	TD108P	01	1	TDD	LP		37B		
04120	XA529	04			XA529	06				168	9		TDRS3A	01	TD138P	01	1	TDD	BP		04A		
04121	XA529	06			XA529	20				168	9		TDRS3A	02	TD128P	01	1	TDD	AP		05A		
04122	XA529	20			XA529	22				168	9		TDRS3A	03	TD158P	01	1	TDD	DP		11A		
04123	XA529	22			XA520	63				168	9		TDRS3A	04	TD148P	01	1	TDD	CP		12A		
04124	XA520	63											TDRS3A	05	TDRS3A	00	1	TQ2	E4		33B		
04125	XA529	36			XA529	38				168	9		TDRS4A	01	TD178P	01	1	TDD	FP		17A		
04126	XA529	38			XA529	50				168	9		TDRS4A	02	TD168P	01	1	TDD	EP		18A		
04127	XA529	50			XA529	52				168	9		TDRS4A	03	TD198P	01	1	TDD	HP		23A		
04128	XA529	52			XA520	75				168	9		TDRS4A	04	TD188P	01	1	TDD	GP		24A		
04129	XA520	75											TDRS4A	05	TDRS4A	00	1	TQ2	F1		37B		
04130	XA529	64			XA529	66				168	9		TDRS5A	01	TD218P	01	1	TDD	KP		30A		
04131	XA529	66			XA529	75				168	9		TDRS5A	02	TD208P	01	1	TDD	JP		31A		
04132	XA529	75			XA529	73				168	9		TDRS5A	03	TD228P	01	1	TDD	LP		37B		
04133	XA529	73			XA520	72				168	9		TDRS5A	04	TD238P	01	1	TDD	MP		36B		
04134	XA520	72											TDRS5A	05	TDRS5A	00	1	TQ2	F2		34A		
04135	XA520	69			XA530	22				168	9		TDRS6A	01	TDRS6A	00	1	TQ2	F3		35A		
04136	XA530	22			XA530	20				168	9		TDRS6A	02	TD268P	01	1	IDD	CP		12A		
04137	XA530	20			XA530	06				168	9		TDRS6A	03	TD278P	01	1	TDD	DP		11A		
04138	XA530	06			XA530	04				168	9		TDRS6A	04	TD248P	01	1	TDD	AP		05A		
04139	XA530	04											TDRS6A	05	TD258P	01	1	TDD	BP		04A		
04140	XA530	36			XA530	38				168	9		TDRS7A	01	TD298P	01	1	TDD	FP		17A		
04141	XA530	38			XA530	50				168	9		TDRS7A	02	TD288P	01	1	IDD	EP		18A		
04142	XA530	50			XA530	52				168	9		TDRS7A	03	TD318P	01	1	TDD	HP		23A		
04143	XA530	52			XA520	80				168	9		TDRS7A	04	TD308P	01	1	TDD	GP		24A		
04144	XA520	80											TDRS7A	05	TDRS7A	00	1	TQ2	F4		39A		
04145	XA406	35			XA407	39				168	9		TDSC0A	01	TDSC00	01	1	TQ2	C4		17B		
04146	XA407	39			XA433	78				168	9		TDSC0A	02	TDSC0A	00	1	TQ2	C4		19B		
04147	XA433	78											TDSC0A	03	TSTP4A	01	3	TD4	F1		38A		
04148	XA418	74			XA406	39				168	9		TDSC00	01	TFST0A	01	4	TS8	F1		35B		
04149	XA406	39											TDSC00	02	TDSC00	00	1	TQ2	C4		19B		
04150	XA540	19			XA407	35				168	9		TDSC1ER	01	TDSC1ER	00	1	EOR	B1		10B		
04151	XA407	35											TDSC1ER	02	TDSC0A	01	1	TQ2	C4		17B		
04152	XA407	37			XA540	27				168	9		TDSC2ER	01	TDSC0A	01	2	TQ2	C4		18B		
04153	XA540	27											TDSC2ER	02	TDSC2ER	00	1	EOR	B2		13B		
04154	XA533	40			XA528	13				168	9		TD00BQ	01	TB00BJ	01	1	TDD	E1		19A		
										****	SIGNAL		TD00BQ		IS ON THE			NEXT PAGE		****			

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	PREFIX	CONNECTOR	PIN	PREF X	CONNECTOR	PIN	MULTI GROUP	CODE	COLOR	IDENT											
04155		XA528	13									TD008Q	02	TD008Q	00	1	TDD	AQ	06B	INPUT DATA REG BIT	
04156		XA533	34		XA528	07		16B	9			TD018Q	01	TB018I	01	1	TDD	FI	16A		
04157		XA528	07									TD018Q	02	TD018Q	00	1	TDD	BQ	03A		
04158		XA533	54		XA528	25		16B	9			TD028Q	01	TB028I	01	1	TDD	GI	25A		
04159		XA528	25									TD028Q	02	TD028Q	00	1	TDD	CQ	12B		
04160		XA533	48		XA528	19		16B	9			TD038Q	01	TB038I	01	1	TDD	HI	22A		
04161		XA528	19									TD038Q	02	TD038Q	00	1	TDD	DQ	09B		
04162		XA533	68		XA528	37		16B	9			TD048Q	01	TB048I	01	1	TDD	JI	32A		
04163		XA528	37									TD048Q	02	TD048Q	00	1	TDD	EQ	18B		
04164		XA533	62		XA528	31		16B	9			TD058Q	01	TB058I	01	1	TDD	KI	29A		
04165		XA528	31									TD058Q	02	TD058Q	00	1	TDD	FQ	15B		
04166		XA533	77		XA528	49		16B	9			TD068Q	01	TB068I	01	1	TDD	LI	38B		
04167		XA528	49									TD068Q	02	TD068Q	00	1	TDD	GQ	26B		
04168		XA533	71		XA528	43		16B	9			TD078Q	01	TB078I	01	1	TDD	MI	36A		
04169		XA528	43									TD078Q	02	TD078Q	00	1	TDD	HQ	23B	INPUT DATA REG BIT	
04170		XA534	08		XA528	61		16B	9			TD088Q	01	TB088I	01	1	TDD	AI	04A		
04171		XA528	61									TD088Q	02	TD088Q	00	1	TDD	JQ	32B	INPUT DATA REG BIT	
04172		XA534	05		XA528	55		16B	9			TD098Q	01	TB098I	01	1	TDD	BI	03B		
04173		XA528	55									TD098Q	02	TD098Q	00	1	TDD	KQ	29B		
04174		XA534	24		XA528	78		16B	9			TD108Q	01	TB108I	01	1	TDD	CI	13A		
04175		XA528	78									TD108Q	02	TD108Q	00	1	TDD	LQ	38A		
04176		XA534	18		XA528	74		16B	9			TD118Q	01	TB118I	01	1	TDD	DI	10A		
04177		XA528	74									TD118Q	02	TD118Q	00	1	TDD	MQ	35B		
04178		XA534	40		XA529	13		16B	9			TD128Q	01	TB128I	01	1	TDD	FI	19A		
04179		XA529	13									TD128Q	02	TD128Q	00	1	TDD	AQ	06B		
04180		XA534	34		XA529	07		16B	9			TD138Q	01	TB138I	01	1	TDD	FI	16A		
04181		XA529	07									TD138Q	02	TD138Q	00	1	TDD	BQ	03A		
04182		XA534	54		XA529	25		16B	9			TD148Q	01	TB148I	01	1	TDD	GI	25A		
04183		XA529	25									TD148Q	02	TD148Q	00	1	TDD	CQ	12B		
04184		XA534	48		XA529	19		16B	9			TD158Q	01	TB158I	01	1	TDD	HI	22A		
04185		XA529	19									TD158Q	02	TD158Q	00	1	TDD	DQ	09B	INPUT DATA REG BIT	
04186		XA534	68		XA529	37		16B	9			TD168Q	01	TB168I	01	1	TDD	JI	32A		
04187		XA529	37									TD168Q	02	TD168Q	00	1	TDD	EQ	18B	INPUT DATA REG BIT	
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	PREFIX	CONNECTOR	PIN	PREFIX	CONNECTOR	PIN	MULTI GROUP	CODE	COLOR	IDEN											
04188		XA534	62		XA529	31		16B	9			TD17BQ	01	TB17B1	01	1	TDD	KI	29A		
04189		XA529	31									TD17BQ	02	TD17BQ	00	1	TDD	FQ	15B		
04190		XA534	77		XA529	49		16B	9			TD18BQ	01	TB18B1	01	1	TDD	LI	38B		
04191		XA529	49									TD18BQ	02	TD18BQ	00	1	TDD	GQ	26B		
04192		XA534	71		XA529	43		16B	9			TD19BQ	01	TB19B1	01	1	TDD	MI	36A		
04193		XA529	43									TD19BQ	02	TD19BQ	00	1	TDD	HQ	23B		
04194		XA535	08		XA529	61		16B	9			TD20BQ	01	TB20B1	01	1	TDD	AI	06A		
04195		XA529	61									TD20BQ	02	TD20BQ	00	1	TDD	JQ	32B		
04196		XA535	05		XA529	55		16B	9			TD21BQ	01	TB21B1	01	1	TDD	BI	03B		
04197		XA529	55									TD21BQ	02	TD21BQ	00	1	TDD	KQ	29B		
04198		XA535	24		XA529	78		16B	9			TD22BQ	01	TB22B1	01	1	TDD	CI	13A		
04199		XA529	78									TD22BQ	02	TD22BQ	00	1	TDD	LQ	38A		
04200		XA535	18		XA529	74		16B	9			TD23BQ	01	TB23B1	01	1	TDD	OI	10A		
04201		XA529	74									TD23BQ	02	TD23BQ	00	1	TDD	MQ	35B	INPUT DATA REG BIT	
04202		XA535	40		XA530	13		16B	9			TD24BQ	01	TB24B1	01	1	TDD	EI	19A		
04203		XA530	13									TD24BQ	02	TD24BQ	00	1	TDD	AQ	06B	INPUT DATA REG BIT	
04204		XA535	34		XA530	07		16B	9			TD25BQ	01	TB25B1	01	1	TDD	FI	16A		
04205		XA530	07									TD25BQ	02	TD25BQ	00	1	TDD	BQ	03A		
04206		XA535	54		XA530	25		16B	9			TD26BQ	01	TB26B1	01	1	TDD	GI	25A		
04207		XA530	25									TD26BQ	02	TD26BQ	00	1	TDD	CQ	12B		
04208		XA535	48		XA530	19		16B	9			TD27BQ	01	TB27B1	01	1	TDD	HI	22A		
04209		XA530	19									TD27BQ	02	TD27BQ	00	1	TDD	DQ	09B		
04210		XA535	68		XA530	37		16B	9			TD28BQ	01	TB28B1	01	1	TDD	JI	32A		
04211		XA530	37									TD28BQ	02	TD28BQ	00	1	TDD	EQ	18B		
04212		XA535	62		XA530	31		16B	9			TD29BQ	01	TB29B1	01	1	TDD	KI	29A		
04213		XA530	31									TD29BQ	02	TD29BQ	00	1	TDD	FQ	15B		
04214		XA535	77		XA530	49		16B	9			TD30BQ	01	TB30B1	01	1	TDD	LI	38B		
04215		XA530	49									TD30BQ	02	TD30BQ	00	1	TDD	GQ	26B		
04216		XA535	71		XA530	43		16B	9			TD31BQ	01	TB31B1	01	1	TDD	MI	36A		
04217		XA530	43									TD31BQ	02	TD31BQ	00	1	TDD	HQ	23B	INPUT DATA REG BIT	
04218		XA409	11		XA428	68		16B	9			TEBZRA	005	TEB5KA	01	2	TT3	A3	05B		
04219		XA428	68		XA527	11		16B	9			TEBZRA	01	TEBZRO	01	1	TQ2	E1	32A		
		XA527	11									TEBZRA	02	TEBZRA	00	1	TS8	A1	05B	END OF BLOCK COUNT	
04221		XA506	62		XA515	78		16B	9			TEBZRO	01	TREG1A	01	1	TQ2	E2	29A		
								****				SIGNAL	TEBZRO						IS ON THE NEXT PAGE	****	

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	PREFIX	CONNECTOR	PIN	PREFIX	CONNECTOR	PIN	MULTI GROUP	CODE	COLOR	IDENT											
04222		XA515	78		XA515	10			168	9		TEBZRO	02	TREN1A	01	3	TD4	F1		38A	
04223		XA515	10		XA410	78			168	9		TEBZRO	03	ILCCDA	01	3	TD6	A1		07A	
04224		XA410	78		XA428	66			168	9		TEBZRO	04	TNSGDA	01	3	TD4	F1		38A	
04225		XA428	66									TEBZRO	05	TEBZRO	00	1	TQ2	F1		31A	
04226		XA436	47		XA527	01			168	9		TEBOBP	01	TEBOBP	00	1	TDD	GP		25B	
04227		XA527	01									TEBOBP	02	TEBZRA	01	1	TS8	A1		02B	
04229		XA436	49		XA540	72			168	9		TEBOBQ	01	TEBOBQ	00	1	TDD	G0		26B	EOB COUNTER BIT 0
04765		XA540	72									TEBOBQ	02	TEBO9ER	01	1	EOR	F4		35A	E01
04232		XA527	23		XA431	52			168	9		TEBODA	01	TEBODA	00	1	TS8	B1		11B	
04233		XA431	52		XA431	38			168	9		TEBODA	02	TEB3RO	01	1	TT3	D1		24A	
04234		XA431	38		XA431	33			168	9		TEBODA	03	TEBORO	01	1	TT3	C1		18A	
04235		XA431	33		XA431	29			168	9		TEBODA	04	TEB2RO	01	1	TT3	C3		16B	
04236		XA431	29									TEBODA	05	TEB1RO	01	1	TT3	C2		14B	
04237		XA428	38		XA436	52			168	9		TEBORA	01	TEBORA	00	1	TQ2	C1		18A	
04238		XA436	52									TEBORA	02	TEBOBP	01	1	TDD	GP		24A	
04239		XA431	36		XA428	40			168	9		TEBORO	01	TEBORO	00	1	TT3	C1		17A	EOB COUNTER BIT 0
04240		XA428	40									TEBORO	02	TEBORA	01	1	TQ2	C1		19A	
04241		XA436	51		XA431	43			168	9		TEBOSA	01	TEBORO	01	1	TDD	G0		27B	
04242		XA431	43									TEBOSA	02	TEBOSA	00	1	TT3	D2		23B	EOB COUNTER BIT 0
04244		XA436	54		XA540	74			168	9		TEBO9ER	01	TEBO8I	01	1	TDD	G1		25A	E01
04763		XA540	74									TEBO9ER	02	TEBO9ER	00	1	EOR	F4		36A	
04245		XA527	04		XA435	45			168	9		TEB1BP	01	TEBZRA	01	2	TS8	A1		04A	
04246		XA435	45									TEB1BP	02	TEB1BP	00	1	TDD	HP		24B	
04247		XA540	09		XA436	56			168	9		TEB1BQ	01	TEB19ER	01	1	EOR	A2		06B	
04248		XA436	56		XA435	43			168	9		TEB1BQ	02	TEBORN	01	1	TDD	GN		26A	
04249		XA435	43									TEB1BQ	03	TEB1BQ	00	1	TDD	H0		23B	
04252		XA428	30		XA435	50			168	9		TEB1RA	01	TEB1RA	00	1	TQ2	C2		15A	
04253		XA435	50									TEB1RA	02	TEB1BP	01	1	TDD	HP		23A	
04254		XA431	31		XA428	34			168	9		TEB1RO	01	TEB1RO	00	1	TT3	C2		15B	
04255		XA428	34									TEB1RO	02	TEB1RA	01	1	TQ2	C2		16A	
04256		XA431	55		XA435	41			168	9		TEB1SA	01	TEB1SA	00	1	TT3	E2		29B	
04257		XA435	41									TEB1SA	02	TEB1BQ	01	1	TDD	H0		22B	
04258		XA540	11		XA435	48			168	9		TEB19ER	01	TEB19ER	00	1	EOR	A2		07B	
04259		XA435	48									TEB19ER	02	TEB18I	01	1	TDD	HI		22A	
04260		XA527	05		XA434	59			168	9		TEB2BP	01	TEBZRA	01	3	TS8	A1		03B	
04261		XA434	59									TEB2BP	02	TEB2BP	00	1	TDD	JP		31B	

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	PREFIX	CONNECTOR	PIN	SH FC	PREFIX	CONNECTOR	PIN	SH FC	MULTI GROUP	CODE	COLOR	IDENT									AND	OR		
04262		XA435	46		XA434	61				16B	9		TEB2BQ	01	TEB18N	01	1	TDD	HN		21A			
04263		XA434	61		XA540	14				16B	9		TEB2BQ	02	TEB2BQ	00	1	TDD	JQ		32B			
04264		XA540	14										TEB2BQ	03	TEB29ER	01	1	EOR	A3		06A			
04267		XA428	33		XA434	66				16B	9		TEB2RA	01	TEB2RA	00	1	TQ2	C3		16B			
04268		XA434	66										TEB2RA	02	TEB28P	01	1	TDD	JP		31A			
04269		XA431	39		XA428	29				16B	9		TEB2R0	01	TEB2R0	00	1	TT3	C3		19B			
04270		XA428	29										TEB2R0	02	TEB2RA	01	1	TQ2	C3		14B			
04271		XA431	63		XA434	63				16B	9		TEB2SA	01	TEB2SA	00	1	TT3	E3		33B			
04272		XA434	63										TEB2SA	02	TEB2BQ	01	1	TDD	JQ		33B			
04273		XA540	13		XA434	68				16B	9		TEB29ER	01	TEB29ER	00	1	EOR	A3		07A			
04274		XA434	68										TEB29ER	02	TEB2BI	01	1	TDD	JI		32A			
04275		XA527	06		XA436	45				16B	9		TEB3BP	01	TEB2RA	01	4	TS8	A1		05A			
04276		XA436	45										TEB3BP	02	TEB3BP	00	1	TDD	HP		24B			
04277		XA540	06		XA434	70				16B	9		TEB3BQ	01	TEB39ER	01	1	EOR	A4		03A			
04278		XA434	70		XA436	43				16B	9		TEB3BQ	02	TEB2BN	01	1	TDD	JN		33A			
04279		XA436	43										TEB3BQ	03	TEB3BQ	00	1	TDD	HQ		23B			
04282		XA428	39		XA436	50				16B	9		TEB3RA	01	TEB3RA	00	1	TQ2	C4		19B			
04283		XA436	50										TEB3RA	02	TEB38P	01	1	TDD	HP		23A			
04284		XA431	50		XA428	35				16B	9		TEB3R0	01	TEB3R0	00	1	TT3	D1		23A			
04285		XA428	35										TEB3R0	02	TEB3RA	01	1	TQ2	C4		17B			
04286		XA431	73		XA436	41				16B	9		TEB3SA	01	TEB3SA	00	1	TT3	F1		36B			
04287		XA436	41										TEB3SA	02	TEB3BQ	01	1	TDD	HQ		22B			
04288		XA540	08		XA436	48				16B	9		TEB39ER	01	TEB39ER	00	1	EOR	A4		04A			
04289		XA436	48										TEB39ER	02	TEB3BI	01	1	TDD	HI		22A			
04290		XA506	53		XA527	07				16B	9		TEB4BP	01	TREG2A	01	1	TQ2	E3		28B			
04291		XA527	07		XA435	59				16B	9		TEB4BP	02	TEB2RA	01	5	TS8	A1		03A			
04292		XA435	59										TEB4BP	03	TEB4BP	00	1	TDD	JP		31B			
04293		XA436	46		XA435	61				16B	9		TEB4BQ	01	TEB3BN	01	1	TDD	HN		21A			
04294		XA435	61		XA540	03				16B	9		TEB4BQ	02	TEB4BQ	00	1	TDD	JQ		32B		B08	
04228		XA540	03										TEB4BQ	03	TEB49ER	01	1	EOR	A1		03B		B08	
04296		XA439	60		XA435	66				16B	9		TEB4RA	01	TEB4RA	00	1	TQ2	F2		28A			
04297		XA435	66		XA434	64				16B	9		TEB4RA	02	TEB4BP	01	1	TDD	JP		31A			
04298		XA434	64										TEB4RA	03	TEB5BP	01	1	TDD	KP		30A			
05258		XA516	40		XA516	34				16B	9		TEB4R0	00	TRRS1A	01	1	TQ2	C1		19A		D04	
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	PREFIX	CONNECTOR	PIN	TYPE	PREFIX	CONNECTOR	PIN	TYPE	MULTI GROUP	CODE	COLOR	IDENT												
05257		XA516	34		XA516	35				16B	9		TEB4R0	001	TRRS3A	01	1	TQ2	C2		16A		004	
05256		XA516	35		XA516	29				16B	9		TEB4R0	003	TRRS7A	01	1	TQ2	C4		17B		004	
05255		XA516	29		XA516	24				16B	9		TEB4R0	005	TRRS5A	01	1	TQ2	C3		14B		004	
05244		XA516	24		XA516	23				16B	9		TEB4R0	01	TRRS0A	01	1	TQ2	B1		13A		004	
05245		XA516	23		XA516	17				16B	9		TEB4R0	02	TRRS6A	01	1	TQ2	B4		11B		004	
05246		XA516	17		XA516	18				16B	9		TEB4R0	03	TRRS4A	01	1	TQ2	B3		08B		004	
05247		XA516	18		XA426	69				16B	9		TEB4R0	04	TRRS2A	01	1	TQ2	B2		10A		004	
04299		XA426	69		XA439	62				16B	9		TEB4R0	06	TEB4R0	00	1	TQ2	F3		35A		004	
04300		XA439	62										TEB4R0	07	TEB4RA	01	1	TQ2	E2		29A		004	
04301		XA432	45		XA435	63				16B	9		TEB4SA	01	TEB4SA	00	1	TQ2	D3		24B			
04302		XA435	63										TEB4SA	02	TEB4BQ	01	1	TQ0	JQ		33B			
04303		XA428	57		XA432	41				16B	9		TEB4S0	01	TEB4S0	00	1	TQ2	F3		30B			
04304		XA432	41										TEB4S0	02	TEB4SA	01	1	TQ2	D3		22B			
04243		XA540	05		XA435	68				16B	9		TEB49ER	01	TEB49ER	00	1	EOR	A1		04B		808	
04305		XA435	68										TEB49ER	02	TEB4BI	01	1	TQ0	J1		32A		808	
04307		XA506	77		XA527	08				16B	9		TEB5BP	01	TREG3A	01	1	TQ2	F1		38B			
04308		XA527	08		XA434	57				16B	9		TEB5BP	02	TEB2RA	01	6	TS8	A1		06A			
04309		XA434	57										TEB5BP	03	TEB5BP	00	1	TQ0	KP		30B			
04310		XA428	41		XA434	55				16B	9		TEB5BQ	01	TEB590	01	1	TQ2	D3		22B			
04311		XA434	55		XA435	70				16B	9		TEB5BQ	02	TEB5BQ	00	1	TQ0	KQ		29B	EOB COUNTER BIT 5		
04312		XA435	70										TEB5BQ	03	TEB48N	01	1	TQ0	JN		33A			
03383		XA409	15		XA434	60				16B	9		TEB5KA	01	TEB5KA	00	1	TT3	A3		07B	EOB COUNTER CLOCK		
04314		XA434	60										TEB5KA	02	TEB58N	01	1	TQ0	KN		28A			
04315		XA426	65		XA430	27				16B	9		TEB5RA	01	TEB4R0	01	1	TQ2	F3		34B			
04316		XA430	27										TEB5RA	02	TEB5RA	00	1	TT3	B3		13B			
04317		XA434	53		XA426	72				16B	9		TEB5SA	01	TEB5BQ	01	1	TQ0	KQ		28B			
04318		XA426	72										TEB5SA	02	TEB5SA	00	1	TQ2	F2		34A			
04319		XA428	63		XA426	71				16B	9		TEB5S0	01	TEB5S0	00	1	TQ2	E4		33B			
04320		XA426	71										TEB5S0	02	TEB5SA	01	1	TQ2	F2		36A			
04321		XA434	62		XA428	45				16B	9		TEB590	01	TEB58T	01	1	TQ0	KY		29A			
04322		XA428	45										TEB590	02	TEB590	00	1	TQ2	D3		24B			
04323		XA522	45		XA525	14				16B	9		TE0TCA	01	TE0TCA	00	1	TQ2	D3		24B			
04324		XA525	14										TE0TCA	02	TE0T1A	01	1	TQ4	B2		09A			
04330		XA523	19		XA522	38				16B	9		TE0T0A	01	TE0T0S	01	2	TQ2	B3		09B			
04331		XA522	38										TE0T0A	02	TE0T0A	00	1	TQ2	C1		18A			
04333		XA522	21		XA523	17				16B	9		TE0TOR	02	TE0TOR	00	1	TQ2	B3		10B			
04334		XA523	17										TE0TOR	03	TE0T0S	01	1	TQ2	B3		08B			

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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		SIGNAL DESCRIPTION	FCG NO
	PREFIX	CONNECTOR	PIN	WIRE	PREFIX	CONNECTOR	PIN	WIRE	MULTI GROUP	CODE	COLOR	IDENT									AND	OR		
04335		XA524	18		XA524	21							TEOTOS	01	UEOT1R	01	3	TT3	B2		10A			
04336		XA524	21		XA523	21							TEOTOS	02	UEOT2A	01	1	TT3	B3		10B		D01	
04337		XA523	21		XA522	25							TEOTOS	03	TEOTOS	00	1	TQ2	B3		10B	END OF TAPE (EOT)		
04338		XA522	25		XA522	17							TEOTOS	04	UEOT2R	01	2	TQ2	B4		12B		D01	
04339		XA522	17		XA505	10							TEOTOS	05	TEOTOR	01	1	TQ2	B3		08B			
04340		XA505	10										TEOTOS	06	UBSY1A	01	2	TQ2	A1		07A		D01	
04341		XA525	21		XA522	19							TEOT1A	01	TEOT1A	00	1	TD4	B2		10B			
04342		XA522	19										TEOT1A	02	TEOTOR	01	2	TQ2	B3		09B			
03310		XA449	22		XA545	25							TEOT1DR	00				EXT					D01	
08278		XA545	25										TEOT1DR	01				DCF						
03309		XA449	21		XA547	52							TEOT1DX4	00				EXT					D01	
04343		XA547	52		XA545	27							TEOT1DX4	01				RR4	E1					
04344		XA545	27										TEOT1DX4	02	TEOT1DX400	1	DCF	B1			10B	EOT 1 RECEIVER		
04325		XA506	07		XA522	41							TEOT10X	001	URUN1A	01	2	TQ2	A3		03A		D01	
04326		XA522	41		XA522	40							TEOT10X	003	TEOTCA	01	1	TQ2	O3		22B		D01	
04327		XA522	40		XA424	57							TEOT10X	005	TEOT0A	01	1	TQ2	C1		19A		D01	
04328		XA424	57		XA423	29							TEOT10X	007	TXDB0TB	01	1	MUX	D2		29B		D01	
04352		XA423	29		XA422	35							TEOT10X	01	TXDB51X	01	5	MUX	B1		13B		D01	
04353		XA422	35		XA545	29							TEOT10X	02	TADSX1X	01	1	MUX	C1		16B		D01	
04354		XA545	29										TEOT10X	03	TEOT10X	00	1	DCF	B2		11B			
04382		XA515	21		XA526	39							TFPE1A	01	TFPE1A	00	1	TD4	B2		10B			
04383		XA526	39										TFPE1A	02	TS26CQ	01	1	TDD	EQ		19B			
04384		XA502	22		XA519	21							TFPE2A	01	TBSY0A	01	5	TS8	B1		12A			
04385		XA519	21										TFPE2A	02	TFPE2A	00	1	TQ2	B3		10B			
03306		XA449	18		XA545	45							TFPR1DR	00				EXT					D01	
08271		XA545	45										TFPR1DR	01				DCF			27A		D01	
03305		XA449	17		XA547	41							TFPR1DX4	00				EXT					D01	
04390		XA547	41		XA545	46							TFPR1DX4	01				RR4	E5					
04391		XA545	46										TFPR1DX4	02	TFPR1DX400	1	DCF	C1			25B	FILE PROTECT 1 REC		
04393		XA424	35		XA545	47							TFPR10X	02	UFPRX1X	01	1	MUX	C1		16B		D01	
04394		XA545	47		XA524	35							TFPR10X	03	TFPR10X	00	1	DCF	C2		26B		D01	
04388		XA524	35		XA515	24							TFPR10X	04	TWEN2A	01	2	TT3	C3		17B		D01	
04387		XA515	24		XA507	05							TFPR10X	05	TWEN0A	01	2	TD4	B1		13A		D01	
04386	C	XA507	05		XA517	47							TFPR10X	06	TWEN0R	01	3	TS8	A1		03B		D01	
06330		XA517	47										TFPR10X	07	TWDBSA	01	1	TQ2	D4		25B		D01	
04410		XA406	80		XA418	05							TFSTRA	01	TFSTRA	00	1	TQ2	E4		39A			
04411		XA418	05										TFSTRA	02	TCRS00	01	3	TS8	A1		03B			
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	PREFIX	CONNECTOR	PIN	WIRE	PREFIX	CONNECTOR	PIN	WIRE	MULTI GROUP	CODE	COLOR	IDENT												
04412		XA418	76			XA410	60							TFSTOA	01	TFSTOA	00	1	TS8	F1		37A	FLYING START	
04413		XA410	60											TESTOA	02	TESTOS	01	2	TD4	E2		28A		
04414		XA409	50			XA410	55							TFSTOR	01	TFSTOR	00	1	TT3	D1		23A		
04415		XA410	55											TFSTOR	02	TFSTOS	01	1	TD4	E2		29B		
04416		XA406	76			XA408	73							TFSTOS	01	TFSTRA	01	1	TQ2	F4		37A		
04417		XA408	73			XA410	57							TESTOS	02	TEST1R	01	2	TQ2	F2		36B		
04418		XA410	57			XA409	52							TFSTOS	03	TFSTOS	00	1	TD4	E2		30B	FLYING START COUNT	
04419		XA409	52			XA409	41							TESTOS	04	TESTOR	01	1	TT3	D1		24A		
04420		XA409	41											TFSTOS	05	TFST2A	01	1	TT3	D2		22B		
04421		XA409	54			XA408	57							TFST1A	01	TFSTOR	01	2	TT3	D1		25A		
04422		XA408	57											TEST1A	02	TEST1A	00	1	TQ2	F3		30B		
04423		XA406	78			XA406	71							TFST1R	01	TFSTRA	01	2	TQ2	F4		38A		
04424		XA406	71			XA407	71							TFST1R	02	TFST3A	01	1	TQ2	F2		36A		
04425		XA407	71			XA408	72							TFST1R	03	TEST1S	01	1	TQ2	F2		36A		
04426		XA408	72											TFST1R	04	TFST1R	00	1	TQ2	F2		34A		
04427		XA407	72			XA408	71							TFST1S	01	TFST1S	00	1	TQ2	F2		34A	FLYING START COUNT	
04428		XA408	71			XA409	45							TEST1S	02	TEST1R	01	1	TQ2	F2		36A		
04429		XA409	45											TFST1S	03	TFST4A	01	1	TT3	D3		24B		
04430		XA407	73			XA409	43							TFST2A	01	TFST1S	01	2	TQ2	F2		36B		
04431		XA409	43											TEST2A	02	TEST2A	00	1	TT3	D2		23B		
04432		XA409	80			XA407	65							TFST2R	01	TFST2R	00	1	TT3	F3		39A		
04433		XA407	65											TFST2R	02	TFST2S	01	1	TQ2	F3		34B		
04434		XA408	53			XA407	69							TFST2S	01	TFST1A	01	1	TQ2	E3		28B		
04435		XA407	69			XA409	69							TEST2S	02	TEST2S	00	1	TQ2	F3		35A	FLYING START COUNT	
04436		XA409	69											TFST2S	03	TFST2R	01	1	TT3	F3		35A		
04437		XA406	72			XA409	76							TFST3A	01	TFST3A	00	1	TQ2	F2		34A		
04438		XA409	76											TEST3A	02	TEST2R	01	2	TT3	F3		37A		
03953		XA525	68			XA407	74							TFST4A	01	ISTR90	01	3	TD4	F1		32A		E03
04440		XA407	74			XA409	51							TFST4A	02	TFST2S	01	2	TQ2	F3		35B		
04441		XA409	51											TEST4A	03	TEST4A	00	1	TT3	D3		27B		
01465		XA514	53			XA508	33							TFST6A	00	THSPR0	01	1	T00	K0		28B		E03
03402		XA508	33			XA418	66							TFST6A	01	TFST6A	00	1	TD4	C2		14B		
04443		XA418	66											TFST6A	02	TXXRC0	01	6	TS8	F1		31A		E03
04445		XA425	35			XA527	42							THISPP	01	THISPP	00	1	T00	FP		17B		
04446		XA527	42			XA524	49							THISPP	02	TCS000	01	8	TS8	C1		20A		
04447		XA524	49			XA508	10							THISPP	03	TNRG00	01	3	TT3	D3		26B		
04448		XA508	10											THISPP	04	TNSGDO	01	3	TD4	A1		07A		
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	PREFIX	CONNECTOR	PIN	PREFIX	CONNECTOR	PIN	WIRE NO	WIRE GROUP	CODE	COLOR												IDENT
04449		XA425	37		XA515	30			16B	9			THISPQ	01	THISPQ	00	1	TDD	E0	18B	NEW SPEED F/F	C01 B08
06575		XA515	30		XA508	30			16B	9			THISPQ	02	TWRG4A	01	1	TD4	C2	15A		
01460		XA508	30										THISPQ	03	TFST6A	01	1	TD4	C2	15A		
04452		XA426	52		XA425	40			16B	9			THIS10	01	THIS10	00	1	TQ2	D1	24A		
04453		XA425	40										THIS10	02	THISPI	01	1	TDD	E1	19A		
06012		XA524	55		XA525	70			16B	9			THSPRA	01	THSPRA	00	1	TT3	E2	29B		E03
03957		XA525	70		XA514	60			16B	9			THSPRA	02	TSTR90	01	4	TQ4	E1	33A		F03
01287		XA514	60										THSPRA	03	THSPRN	01	1	TDD	KN	28A		F03
03409		XA514	55		XA524	60			16B	9			THSPRQ	01	THSPRQ	00	1	TDD	KQ	29B		E03
06003		XA524	60										THSPRQ	02	THSPRA	01	2	TT3	E2	28A		E03
04454		XA410	38		XA410	52			16B	9			TINT1A	01	TBUSYR	01	2	TD4	C1	18A		
04455		XA410	52		XA510	71			16B	9			TINT1A	02	TSNCOR	01	2	TD4	D1	24A		
04456		XA510	71		XA505	80			16B	9			TINT1A	03	TLADOS	01	2	TT3	F2	36A		
04457		XA505	80										TINT1A	04	TINT1A	00	1	TQ2	F4	39A		
04458		XA503	76		XA505	76			16B	9			TINT10	01	TINT10	00	1	TS8	F1	37A	COMMAND END AND IN	
04459		XA505	76		XA508	71			16B	9			TINT10	02	TINT1A	01	1	TQ2	F4	37A		
04460		XA508	71										TINT10	03	TINT2A	01	1	TD4	F2	36A		
04461		XA430	47		XA418	68			16B	9			TINT2A	01	TXXDIS	01	2	TT3	O3	25B		
04462		XA418	68		XA508	69			16B	9			TINT2A	02	TXXRCO	01	7	TS8	E1	32A		
04463		XA508	69		XA503	48			16B	9			TINT2A	03	TINT2A	00	1	TD4	F2	35A		
04464		XA503	48										TINT2A	04	TSBZY0	01	3	TS8	D1	22A		
04465		XA510	72		XA509	43			16B	9			TINT5A	01	TLADOS	01	3	TT3	F2	34A		
04466		XA509	43		XA410	66			16B	9			TINT5A	02	TINT5A	00	1	TT3	D2	23B		
04467		XA410	66		XA410	54			16B	9			TINT5A	03	TSTPOS	01	2	TD4	E1	31A		
04468		XA410	54		XA410	40			16B	9			TINT5A	04	TSNCOR	01	3	TD4	D1	25A		
04469		XA410	40										TINT5A	05	TBUSYR	01	3	TD4	C1	19A		
04470		XA502	71		XA506	27			16B	9			TINT50	01	TINT6A	01	1	TS8	F1	36A		
04471		XA506	27		XA509	41			16B	9			TINT50	02	TINT50	00	1	TQ2	B4	13B	BOT OR FOT END AND	
04472		XA509	41										TINT50	03	TINT5A	01	1	TT3	D2	22B		
04473		XA430	49		XA418	70			16B	9			TINT6A	01	TXXDIS	01	3	TT3	D3	26B		
04474		XA418	70		XA503	49			16B	9			TINT6A	02	TXXRCO	01	8	TS8	F1	33A		
04475		XA503	49		XA502	76			16B	9			TINT6A	03	TSBZY0	01	4	TS8	D1	26B		
04476		XA502	76										TINT6A	04	TINT6A	00	1	TS8	F1	37A		
04480		XA506	25		XA509	55			16B	9			TINT9A	01	TINT50	01	2	TQ2	B4	12B		
04481		XA509	55										TINT9A	02	TINT9A	00	1	TT3	E2	29B		
04482		XA513	47		XA514	52			16B	9			TKA00P	01	TKA00P	00	1	TDD	GP	25B		
04483		XA514	52		XA526	66			16B	9			TKA00P	02	TKA01P	01	1	TDD	GP	24A		A03
01782		XA526	66										TKA00P	03	TKA02P	01	1	TDD	JP	31A		A03
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	PREFIX	CONNECTOR	PIN		PREFIX	CONNECTOR	PIN		CODE	COLOR	IDEN												
04528		XA505	62									TKBR50	02	TKBR5A	01	1	TQ2	E2		29A			
04529		XA504	05		XA502	48			16B	9		TKB00P	01	TRT00A	01	3	TS8	A1		03B			
04530		XA502	48		XA504	48			16B	9		TKB00P	02	TRM00A	01	3	TS8	D1		22A			
04531		XA504	48		XA513	45			16B	9		TKB00P	03	TRT03A	01	3	TS8	D1		22A			
04532		XA513	45		XA437	72			16B	9		TKB00P	04	TKB00P	00	1	TDD	HP		24B			
04533		XA437	72									TKB00P	05	TDRSCA	01	2	TS8	F1		34A			
04534		XA504	19		XA504	34			16B	9		TKB00Q	01	TRTD1A	01	3	TS8	B1		09B			
04535		XA504	34		XA513	43			16B	9		TKB00Q	02	TRTD2A	01	3	TS8	C1		16A			
04536		XA513	43		XA514	48			16B	9		TKB00Q	03	TKB00Q	00	1	TDD	HQ		23B	BYTE COUNTER BIT 0		
04537		XA514	48									TKB00Q	04	TKB01I	01	1	TDD	HI		22A			
04538		XA504	06		XA504	20			16B	9		TKB01P	01	TRT00A	01	4	TS8	A1		05A			
04539		XA504	20		XA513	48			16B	9		TKB01P	02	TRTD1A	01	4	TS8	B1		11A			
04540		XA513	48		XA514	45			16B	9		TKB01P	03	TKB00I	01	1	TDD	HI		22A			
04541		XA514	45		XA437	73			16B	9		TKB01P	04	TKB01P	00	1	TDD	HP		24B			
04542		XA437	73									TKB01P	05	TDRSCA	01	3	TS8	F1		36B			
04543		XA502	49		XA504	49			16B	9		TKB01Q	01	TRM00A	01	4	TS8	D1		26B			
04544		XA504	49		XA504	36			16B	9		TKB01Q	02	TRT03A	01	4	TS8	D1		26B			
04545		XA504	36		XA514	43			16B	9		TKB01Q	03	TRTD2A	01	4	TS8	C1		17A			
04546		XA514	43									TKB01Q	04	TKB01Q	00	1	TDD	HQ		23B	BYTE COUNTER BIT 1		
04547		XA503	01		XA510	76			16B	9		TKC00P	01	TNSGOA	01	1	TS8	A1		02B			
04548		XA510	76		XA514	59			16B	9		TKC00P	02	ITMDCA	01	2	IT3	F3		37A			
04549		XA514	59									TKC00P	03	TKC00P	00	1	TDD	JP		31B			
04550		XA513	68		XA514	61			16B	9		TKC00Q	01	TKC01I	01	1	TDD	JI		32A			
04551		XA514	61									TKC00Q	02	TKC00Q	00	1	TDD	JO		32B	FIRST BYTE COUNTER		
04552		XA406	41		XA412	71			16B	9		TKC01P	01	TKC290	01	1	TQ2	D3		23B			
04553		XA412	71		XA513	59			16B	9		TKC01P	02	TKC29A	01	1	TQ2	F2		36A			
04554		XA513	59									TKC01P	03	TKC01P	00	1	TDD	JP		31B			
04555		XA510	78		XA513	61			16B	9		TKC01Q	01	ITMDCA	01	3	IT3	F3		38A			
04556		XA513	61									TKC01Q	02	TKC01Q	00	1	TDD	JO		32B	FIRST BYTE COUNTER		
04557		XA514	68		XA513	57			16B	9		TKC02P	01	TKC00I	01	1	TDD	JI		32A			
04558		XA513	57		XA503	04			16B	9		TKC02P	02	TKC02P	00	1	TDD	KP		30B			
04559		XA503	04									TKC02P	03	TNSGOA	01	2	TS8	A1		04A			
04560		XA412	73		XA513	55			16B	9		TKC02Q	01	TKC29A	01	2	TQ2	F2		36B			
04561		XA513	55									TKC02Q	02	TKC02Q	00	1	TDD	KQ		29B	FIRST BYTE COUNTER		
04562		XA406	43		XA412	72			16B	9		TKC29A	01	TKC290	01	2	TQ2	D3		23B			
04563		XA412	72									TKC29A	02	TKC29A	00	1	TQ2	F2		34A			
04564		XA513	62		XA406	45			16B	9		TKC290	01	TKC02I	01	1	TDD	KI		29A			
04565		XA406	45									TKC290	02	TKC290	00	1	TQ2	D3		24B			

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	PREFIX	CONNECTOR	PIN	U.A.	PREFIX	CONNECTOR	PIN	U.A.	MULTI GROUP	CODE	EQ. OR	CLMT											
04566		XA505	51			XA513	52			168	9			TKR50A	01	TKR50A	00	1	TQ2	D4	27B	START BYTE TIMING	
04567		XA513	52											TKR50A	02	TKA00P	01	1	TDD	GP	24A		
04568		XA506	52			XA505	47			168	9			TKR500	01	TKR500	00	1	TQ2	D1	24A		
04569		XA505	47											TKR500	02	TKR50A	01	1	TQ2	D4	25B		
04570		XA505	46			XA506	56			168	9			TKRS1A	01	TKRS1A	00	1	TQ2	D2	21A		
04571		XA506	56											TKRS1A	02	TKR500	01	2	TQ2	D1	26A		
04572		XA503	59			XA505	48			168	9			TKRS10	01	TKRS10	00	1	TS8	F1	31B		
04573		XA505	48											TKRS10	02	TKRS1A	01	1	TQ2	D2	22A		
04574		XA418	06			XA407	80			168	9			TLADRA	01	TKR500	01	4	TS8	A1	05A		
04575		XA407	80											TLADRA	02	TLADRA	00	1	TQ2	F4	39A		
04576		XA509	73			XA505	31			168	9			TLAD0A	01	TLAD0A	00	1	TT3	F1	36B		
04577		XA505	31											TLAD0A	02	TLAD1S	01	2	TQ2	C3	15B		
04578		XA518	68			XA510	65			168	9			TLAD0R	01	TRENOR	01	2	TT3	E1	32A		
04579		XA510	65			XA509	74			168	9			TLAD0R	02	TLAD0S	01	1	TT3	F2	34B		
04580		XA509	74											TLAD0R	03	TLAD0R	00	1	TT3	F2	35B		
04581		XA407	76			XA506	36			168	9			TLAD0S	01	TLADRA	01	1	TQ2	F4	37A		
04582		XA506	36			XA509	65			168	9			TLAD0S	02	TLAD1R	01	2	TQ2	C2	17A		
04583		XA509	65			XA509	75			168	9			TLAD0S	03	TLAD0R	01	1	TT3	F2	34B		
04584		XA509	75			XA510	74			168	9			TLAD0S	04	TLAD0A	01	1	TT3	F1	37B		
04585		XA510	74											TLAD0S	05	TLAD0S	00	1	TT3	F2	35B		LOOK AHEAD DELAY C
04586		XA509	71			XA506	39			168	9			TLAD1A	01	TLAD0R	01	2	TT3	F2	36A		
04587		XA506	39											TLAD1A	02	TLAD1A	00	1	TQ2	C4	19B		
04588		XA505	35			XA505	29			168	9			TLAD1R	01	TLAD3A	01	1	TQ2	C4	17B		
04589		XA505	29			XA506	30			168	9			TLAD1R	02	TLAD1S	01	1	TQ2	C3	14B		
04590		XA506	30			XA407	78			168	9			TLAD1R	03	TLAD1R	00	1	TQ2	C2	15A		
04591		XA407	78											TLAD1R	04	TLADRA	01	2	TQ2	F4	38A		
04592		XA509	52			XA506	34			168	9			TLAD1S	01	TLAD2A	01	1	TT3	D1	24A		
04593		XA506	34			XA505	33			168	9			TLAD1S	02	TLAD1R	01	1	TQ2	C2	16A		
04594		XA505	33											TLAD1S	03	TLAD1S	00	1	TQ2	C3	16B		LOOK AHEAD DELAY C
04595		XA518	59			XA509	50			168	9			TLAD2A	01	TLAD2S	01	2	TT3	E3	31B		
04596		XA509	50			XA506	05			168	9			TLAD2A	02	TLAD2A	00	1	TT3	D1	23A		
04597		XA506	05											TLAD2A	03	TLAD3S	01	2	TQ2	A2	03B		
01541		XA502	78			XA506	06			168	9			TLAD2R	00	TINT6A	01	7	TS8	F1	38A		004
04598		XA506	06			XA518	57			168	9			TLAD2R	01	TLAD2R	00	1	TQ2	A1	05A		
04599		XA518	57											TLAD2R	02	TLAD2S	01	1	TT3	E3	30B		
										****	SIGNAL	TLAD2S	IS ON THE NEXT PAGE				****						

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	PREFIX	CONNECTOR	PIN	CU	PREFIX	CONNECTOR	PIN	SH	MULTI GROUP	CODE	COLOR	IDENT												
04600		XA518	63		XA502	36				168	9		TLAD2S	01	TLAD2S	00	1	TT3	E3		33B	LOOK AHEAD DELAY C		
04601		XA502	36		XA506	35				168	9		TLAD2S	02	TSNCOA	01	4	TS8	C1		17A			
04602		XA506	35		XA506	08				168	9		TLAD2S	03	TLAD1A	01	1	TQ2	C4		17B			
04603		XA506	08										TLAD2S	04	TLAD2R	01	1	TQ2	A1		06A			
04604		XA509	40		XA505	39				168	9		TLAD3A	01	TLAD3R	01	2	TT3	C1		19A			
04605		XA505	39										TLAD3A	02	TLAD3A	00	1	TQ2	C4		19B			
04606		XA506	04		XA509	36				168	9		TLAD3R	01	TLAD3S	01	1	TQ2	A2		04A			
04607		XA509	36										TLAD3R	02	TLAD3R	00	1	TT3	C1		17A			
04608		XA409	53		XA506	01				168	9		TLAD3S	01	TSIP2A	01	1	TT3	E2		28B			
04609		XA506	01		XA509	38				168	9		TLAD3S	02	TLAD3S	00	1	TQ2	A2		02B	LOOK AHEAD DELAY C		
04610		XA509	38										TLAD3S	03	TLAD3R	01	1	TT3	C1		18A			
04611		XA517	43		XA515	11				168	9		TLCC0A	01	TLCC0S	01	2	TQ2	D3		23B			
04612		XA515	11										TLCC0A	02	TLCC0A	00	1	TD4	A1		05B			
04613		XA507	31		XA517	41				168	9		TLCC0R	01	TWR00A	01	2	TS8	C1		15B			
04614		XA517	41		XA518	36				168	9		TLCC0R	02	TLCC0S	01	1	TQ2	D3		22B			
04615		XA518	36		XA521	48				168	9		TLCC0R	03	TLCC0R	00	1	TT3	C1		17A			
04616		XA521	48										TLCC0R	04	TWTOCA	01	3	TS8	D1		22A			
04617		XA518	38		XA517	45				168	9		TLCC0S	01	TLCC0R	01	1	TT3	C1		18A			
04618		XA517	45		XA515	71				168	9		TLCC0S	02	TLCC0S	00	1	TQ2	D3		24B	WRITE LRC CHAR COU		
04619		XA515	71		XA504	55				168	9		TLCC0S	03	TLCC0A	01	1	TD4	F2		36A			
04620		XA504	55										TLCC0S	04	TWRT1A	01	1	TS8	E1		29B			
04621		XA524	59		XA518	40				168	9		TLCC1A	01	TLCC1R	01	2	TT3	E3		31B			
04622		XA518	40		XA512	27				168	9		TLCC1A	02	TLCC0R	01	2	TT3	C1		19A			
04623		XA512	27										TLCC1A	03	TLCC1A	00	1	TQ2	B4		13B			
04624		XA525	55		XA524	63				168	9		TLCC1R	01	TLCC1S	01	1	TD4	E2		29B			
04625		XA524	63		XA518	78				168	9		TLCC1R	02	TLCC1R	00	1	TT3	F3		33B			
04626		XA518	78										TLCC1R	03	UWRICO	01	3	TT3	F3		38A		D01	
04627		XA512	77		XA511	61				168	9		TLCC1S	01	TLRCRA	01	1	TQ2	F1		38B			
04628		XA511	61		XA518	41				168	9		TLCC1S	02	TLCC2R	01	2	TQ2	F4		32B			
04629		XA518	41		XA524	57				168	9		TLCC1S	03	TLCC4A	01	1	TT3	D2		22B			
04630		XA524	57		XA525	57				168	9		TLCC1S	04	TLCC1R	01	1	TT3	F3		30B			
04631		XA525	57										TLCC1S	05	TLCC1S	00	1	TD4	E2		30B	WRITE LRC CHAR COU		
04632		XA525	60		XA515	69				168	9		TLCC2A	01	TLCC1S	01	2	TD4	E2		28A			
04633		XA515	69										TLCC2A	02	TLCC2A	00	1	TD4	F2		35A			
04634		XA512	53		XA512	59				168	9		TLCC2R	01	TLCC2S	01	1	TQ2	F3		28B			
04635		XA512	59		XA511	63				168	9		TLCC2R	02	TLCC3A	01	1	TQ2	E4		31B			
04636		XA511	63		XA512	79				168	9		TLCC2R	03	TLCC2R	00	1	TQ2	F4		33B			
04637		XA512	79										TLCC2R	04	TLRCRA	01	2	TQ2	F1		39B			
										****	SIGNAL	TLCC2S		IS ON THE	NEXT PAGE	****								

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	PREFIX	CONNECTOR	PIN	PREFIX	CONNECTOR	PIN	MULTI GROUP	CODE	COLOR	IDENT												
04638		XA511	59		XA512	57		168	9		TLCC2S	01	TLCC2R	01	1	T02	E4		31B			
04639		XA512	57		XA518	45		168	9		TLCC2S	02	TLCC2S	00	1	T02	E3		30B	WRITE LRC CHAR COU		
04640		XA518	45		XA524	77		168	9		TLCC2S	03	TLCC6A	01	1	TT3	D3		24B			
04641		XA524	77								TLCC2S	04	UW5BCA	01	2	TT3	F1		38B		001	
04643		XA510	68		XA512	63		168	9		TLCC3A	01	TLCC3R	01	2	TT3	F1		32A			
04644		XA512	63								TLCC3A	02	TLCC3A	00	1	T02	E4		33B			
08090		XA525	78		XA511	53		168	9		TLCC3R	00	TWLR00	01	3	T04	F1		38A		001	
04645		XA511	53		XA510	64		168	9		TLCC3R	01	TLCC3S	01	1	T02	E3		28B			
04646		XA510	64								TLCC3R	02	TLCC3R	00	1	TT3	E1		30A			
04647		XA510	66		XA511	57		168	9		TLCC3S	01	TLCC3R	01	1	TT3	E1		31A			
04648		XA511	57		XA512	23		168	9		TLCC3S	02	TLCC3S	00	1	T02	E3		30B	WRITE LRC CHAR COU		
04649		XA512	23								TLCC3S	03	TLCC1A	01	1	T02	B4		11B			
04650		XA518	43		XA512	55		168	9		TLCC4A	01	TLCC4A	00	1	TT3	D2		23B			
04651		XA512	55								TLCC4A	02	TLCC2S	01	2	T02	E3		29B			
04652		XA511	55		XA518	51		168	9		TLCC6A	01	TLCC3S	01	2	T02	E3		29B			
04653		XA518	51								TLCC6A	02	TLCC6A	00	1	TT3	D3		27B			
04654		XA503	52		XA523	24		168	9		TLPTBR	01	TSBZY0	01	6	TS8	D1		24A			
04655		XA523	24		XA524	20		168	9		TLPTBR	02	TLPTBS	01	1	T02	B1		13A			
04656		XA524	20								TLPTBR	03	TLPTBR	00	1	TT3	B1		11A			
04657		XA524	22		XA523	22		168	9		TLPTBS	01	TLPTBR	01	1	TT3	B1		12A			
04658		XA523	22								TLPTBS	02	TLPTBS	00	1	T02	B1		12A	LOOP TEST BUSY F/E		
04659		XA414	71		XA413	74		168	9		TLPT0Q	01	TLPT1I	01	1	T00	MI		34A			
04660		XA413	74								TLPT0Q	02	TLPT0Q	00	1	T00	MQ		35B	LOOP TEST COUNT BI		
04661		XA522	46		XA519	56		168	9		TLPT1A	01	TLPT1A	00	1	T02	D2		21A			
04662		XA519	56		XA519	50		168	9		TLPT1A	02	TBCP40	01	2	T02	D1		26A			
04663		XA519	50		XA519	49		168	9		TLPT1A	03	TBCP50	01	2	T02	D2		23A			
04664		XA519	49		XA519	43		168	9		TLPT1A	04	TBCP70	01	2	T02	D4		26B			
04665		XA519	43		XA519	42		168	9		TLPT1A	05	TBCP60	01	2	T02	D3		23B			
04666		XA519	42		XA519	36		168	9		TLPT1A	06	TBCP00	01	2	T02	C1		20A			
04667		XA519	36		XA519	37		168	9		TLPT1A	07	TBCP10	01	2	T02	C2		17A			
04668		XA519	37		XA519	31		168	9		TLPT1A	08	TBCP30	01	2	T02	C4		19B			
04669		XA519	31		XA415	65		168	9		TLPT1A	09	TBCP20	01	2	T02	C3		15B			
04670		XA415	65		XA413	72		168	9		TLPT1A	10	TLPT20	01	1	T00	MQ		34B			
04671		XA413	72								TLPT1A	11	TLPT0N	01	1	T00	MN		34A			
04672		XA522	48		XA414	74		168	9		TLPT1Q	01	TLPT1A	01	1	T02	D2		22A			
04673		XA414	74								TLPT1Q	02	TLPT1Q	00	1	T00	MQ		35B	LOOP TEST COUNT BI		
04674		XA416	71		XA415	74		168	9		TLPT2Q	01	TLPT3I	01	1	T00	MI		36A			
04675		XA415	74								TLPT2Q	02	TLPT2Q	00	1	T00	MQ		35B	LOOP TEST COUNT BI		
											****	SIGNAL	(TLPT3Q)	IS ON THE NEXT PAGE				****				

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	PREFIX	CONNECTOR	PIN		PREFIX	CONNECTOR	PIN	U S E	MULTI GROUP	CODE													COLOR	IDENT
01356 04677		XA432 XA416	23 74			XA416 74						16B 9									11B 35B	LOOP TEST COUNT BIT		
04678 04679		XA524 XA523	15 03			XA523 03						16B 9									07B 02A			
04680 04681 04682		XA516 XA523 XA524	62 09 09			XA523 XA524 09						16B 9									29A 04B 04B	LOOP TEST COUNT BIT		
04683 04684		XA519 XA519	78 79			XA519 XA519	79 73					16B 9									38A 39B			
04685 04686		XA519 XA519	73 74			XA519 XA519	74 70					16B 9									36B 35B			
04687 04688		XA519 XA519	70 64			XA519 XA519	64 61					16B 9									33A 30A			
04689 04690		XA519 XA519	61 55			XA519 XA415	55 72					16B 9									32B 29B			
04691 04692		XA415 XA418	72 61			XA418 XA523	61 07					16B 9									34A 32B			
04693 03390		XA523 XA432	07 27			XA432 27						16B 9									03A 13B			
04695 04696		XA507 XA407	47 53			XA407 53						16B 9									25B 28B			
04697 04698		XA408 XA407	61 57			XA407 57						16B 9									32B 30B			
04699 04700 04701		XA505 XA508 XA408	40 18 63			XA508 XA408 63						16B 9									19A 10A 33B	LRC REG ALL ONE		
04704 04705		XA518 XA516	50 48			XA516 48						16B 9									23A 22A			
04706 04707		XA515 XA518	09 52			XA518 52						16B 9									04B 24A			
04708 04709		XA541 XA540	18 50			XA540 50						16B 9									10A 23A			
04710 04711 04712		XA540 XA541 XA408	48 19 59			XA541 XA408 59						16B 9									22A 09B 31B	LRC REG BIT P		
04713 04714		XA512 XA410	75 08			XA410 08						16B 9									37B 06A			
04715		XA541	80			XA541	65					16B 9									39A			
											****	SIGNAL	TLRCSA	IS ON THE NEXT PAGE										****

RECORD NUMBER	FROM			TO			* RE					SIGNAL	SEQ NO	EQUATION	3	2	1	RT OR TYP TYPE	GROUP	LOAD OR CWER PLANE	TEST POINTS		SIGNAL DESCRIPTION	ECO NO
	PRE 12	CONNECTOR	PIN	U 2	PREFIX	CONNECTOR	PIN	U 2	MULTI GROUP	CODE	COLOR										IDENT	SPR INST		
04716		XA541	65		XA541	63			168	9		TLRCSA	02	TLRC7Q	01	1	TDD	MQ			34B			
04717		XA541	63		XA541	53			168	9		TLRCSA	03	TLRC4Q	01	1	TDD	JQ			33B			
04718		XA541	53		XA541	51			168	9		TLRCSA	04	TLRC5Q	01	1	TDD	KQ			28B			
04719		XA541	51		XA541	41			168	9		TLRCSA	05	TLRC2Q	01	1	TDD	GQ			27B			
04720		XA541	41		XA541	39			168	9		TLRCSA	06	TLRC3Q	01	1	TDD	HQ			22B			
04721		XA541	39		XA541	29			168	9		TLRCSA	07	TLRC0Q	01	1	TDD	FQ			19B			
04722		XA541	29		XA541	17			168	9		TLRCSA	08	TLRC1Q	01	1	TDD	FQ			14B			
04723		XA541	17		XA517	38			168	9		TLRCSA	09	TLRC.PQ	01	1	TDD	DQ			08B			
04724		XA517	38									TLRCSA	10	TLRCSA	00	1	TQ2	C1			18A			
04725		XA516	46		XA517	40			168	9		TLRCSQ	01	TLRCSQ	00	1	TQ2	D2			21A			
04726		XA517	40									TLRCSQ	02	TLRCSA	01	1	TQ2	C1			19A			
04727		XA540	59		XA541	40			168	9		TLRQER	01	TLRQER	00	1	EOR	F1			30B			
04728		XA541	40									TLRQER	02	TLRQEI	01	1	TDD	EI			19A			
04729		XA507	43		XA540	55			168	9		TLRCOQ	01	TLRCAA	01	1	TS8	D1			23B			
04730		XA540	55		XA541	37			168	9		TLRCOQ	02	TLRCOER	01	1	EOR	F1			29B			
04731		XA541	37									TLRCOQ	03	TLRCOQ	00	1	TDD	EO			18B		LRC REG BIT 0	
04732		XA541	34		XA540	65			168	9		TLRC1ER	01	TLRC1I	01	1	TDD	FI			16A			
04733		XA540	65									TLRC1ER	02	TLRC1ER	00	1	EOR	F2			33B			
04734		XA507	46		XA540	63			168	9		TLRC1Q	01	TLRCAA	01	2	TS8	D1			21A			
04735		XA540	63		XA541	31			168	9		TLRC1Q	02	TLRC1ER	01	1	EOR	E2			32B			
04736		XA541	31									TLRC1Q	03	TLRC1Q	00	1	TDD	FQ			15B		LRC REG BIT 1	
04737		XA541	54		XA540	68			168	9		TLRC2ER	01	TLRC2I	01	1	TDD	GI			25A			
04738		XA540	68									TLRC2ER	02	TLRC2ER	00	1	EOR	E3			33A			
04739		XA540	66		XA541	49			168	9		TLRC2Q	01	TLRC2ER	01	1	EOR	E3			32A			
04740		XA541	49		XA507	48			168	9		TLRC2Q	02	TLRC2Q	00	1	TDD	GQ			26B		LRC REG BIT 2	
04741		XA507	48									TLRC2Q	03	TLRCAA	01	3	TS8	D1			22A			
04742		XA541	48		XA540	62			168	9		TLRC3ER	01	TLRC3I	01	1	TDD	HI			22A			
04743		XA540	62									TLRC3ER	02	TLRC3ER	00	1	EOR	F4			30A			
04744		XA540	60		XA541	43			168	9		TLRC3Q	01	TLRC3ER	01	1	EOR	F4			29A			
04745		XA541	43		XA507	49			168	9		TLRC3Q	02	TLRC3Q	00	1	TDD	HQ			23B		LRC REG BIT 3	
04746		XA507	49									TLRC3Q	03	TLRCAA	01	4	TS8	D1			26B			
04747		XA541	68		XA540	73			168	9		TLRC4ER	01	TLRC4I	01	1	TDD	II			32A			
04748		XA540	73									TLRC4ER	02	TLRC4ER	00	1	EOR	F1			36B			
04749		XA540	71		XA541	61			168	9		TLRC4Q	01	TLRC4ER	01	1	EOR	F1			35B			
04750		XA541	61		XA507	50			168	9		TLRC4Q	02	TLRC4Q	00	1	TDD	JQ			32B		LRC REG BIT 4	
04751		XA507	50									TLRC4Q	03	TLRCAA	01	5	TS8	D1			23A			
04752		XA541	62		XA540	79			168	9		TLRC5ER	01	TLRC5I	01	1	TDD	KI			29A			
04753		XA540	79									TLRC5ER	02	TLRC5ER	00	1	EOR	F2			39B			

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	PREFIX	CONNECTOR	PIN	PREFIX	CONNECTOR	PIN	WIRE GROUP	CODE	COLOR	IDENT											
D4754		XA540	77		XA541	55						TLRC5Q	01	TLRC5ER	01	1	EOR	F2	38B		
D4755		XA541	55		XA507	52						TLRC5Q	02	TLRC5Q	00	1	TDD	KQ	29B	LRC REG BIT 5	
D4756		XA507	52									TLRC5Q	03	TLRCAA	01	6	TSB	D1	24A		
D4757		XA541	77		XA540	80						TLRC6ER	01	TLRC6I	01	1	TDD	LI	38B		
D4758		XA540	80									TLRC6ER	02	TLRC6ER	00	1	EOR	F3	39A		
D4759		XA507	54		XA540	78						TLRC6Q	01	TLRCAA	01	7	TSB	D1	25A		
D4760		XA540	78		XA541	78						TLRC6Q	02	TLRC6ER	01	1	EOR	F3	38A		
D4761		XA541	78									TLRC6Q	03	TLRC6Q	00	1	TDD	LQ	38A	LRC REG BIT 6	
D4764		XA507	56		XA541	74						TLRC7Q	01	TLRCAA	01	8	TSB	D1	26A		E01
D4766		XA541	74		XA42B	54						TLRC7Q	02	TLRC7A	00	1	TDD	MQ	35B	LRC REG BIT 7	E01
D4295		XA42B	54									TLRC7Q	03	TLRC7Q	01	1	TQ2	D1	25A		E01
D4762		XA541	71		XA42B	52						TLRC7D	01	TLRC7I	01	1	TDD	MI	36A		E01
D4306		XA42B	52									TLRC7D	02	TLRC7Q	00	1	TQ2	D1	24A		E01
D4767		XA42B	13		XA516	60						TLTEOA	01	TXXDDO	01	2	TQ2	A4	06B		
D4768		XA516	60									TLTEOA	02	TLTEOA	00	1	TQ2	E2	28A		
D4773		XA517	62		XA515	57						TMCPOA	01	TMCPOD	01	1	TQ2	E2	29A		
D4774		XA515	57									TMCPOA	02	TMCPOA	00	1	TD4	E2	30B		
D4775		XA514	30		XA517	60						TMCPOD	01	TMWCBN	01	1	TDD	FN	15A		
D4776		XA517	60									TMCPOD	02	TMCPOD	00	1	TQ2	E2	28A		
D4777		XA517	66		XA514	36						TMRSDA	01	TMRSDA	00	1	TQ2	E2	31A		
D4778		XA514	36		XA510	34						TMRSDA	02	TMWCBP	01	1	TDD	FP	17A		D04
D7429		XA510	34		XA510	37						TMRSDA	03	TMRQ2R	01	3	TT3	C2	16A		D04
D7428		XA510	37									TMRSDA	04	TMRQ3R	01	3	TT3	C3	18B		D04
D4779		XA524	64		XA517	68						TMRSDO	01	TMRSDO	00	1	TT3	E1	30A		
D4780		XA517	68									TMRSDO	02	TMRSDA	01	1	TQ2	F1	32A		
D4781		XA504	61		XA510	11						TMWCBP	01	TWR11A	01	3	TSB	F1	32B		
D4782		XA510	11		XA514	33						TMWCBP	02	TWR04A	01	2	TT3	A3	05B		
D4783		XA514	33		XA521	49						TMWCBP	03	TMWCBP	00	1	TDD	EP	16B		B08
D4785		XA521	49									TMWCBP	05	TWTOCA	01	4	TSB	D1	26B		
D4786		XA521	20		XA514	31						TMWCBO	01	TRTOCA	01	4	TSB	B1	11A		
D4787		XA514	31		XA504	74						TMWCBO	02	TMWCBO	00	1	TDD	EQ	15B	BUFFER REG FULL F/	
D4788		XA504	74									TMWCBO	03	TRE0DA	01	4	TSB	F1	35B		
D4789		XA511	15		XA513	42						TMOCPA	01	TMOCPA	00	1	TQ2	A4	07B		
D4790		XA513	42									TMOCPA	02	TMO0BN	01	1	TDD	EN	20A		
D4791		XA513	35		XA511	24						TMO0BP	01	TMO0BP	00	1	TDD	EP	17B		
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	PREFIX	CONNECTOR	PIN	PREFIX	CONNECTOR	PIN	MULTI GROUP	CODE	COLOR												IDENT
04792		XA511	24							TM00BP	02	TM03RA	01	1	TQ2	B1		13A			
04496		XA526	71		XA513	37			168	9								36A		A03	
04794		XA513	37							TM00BQ	02	TM00BQ	00	1	TDD	EQ		18B	BUFFER INPUT CONTR		
04795		XA512	01		XA513	39			168	9								02B			
04796		XA513	39							TM00SA	02	TM00BQ	01	1	TDD	EQ		19B			
04797		XA511	01		XA512	04			168	9								02B			
04798		XA512	04							TM00S0	02	TM00SA	01	1	TQ2	A2		04A			
04799		XA513	33		XA511	26			168	9								16B			
04800		XA511	26							TM01BP	02	TM03RA	01	2	TQ2	B1		14A			
04801		XA512	09		XA513	29			168	9								04B			
04802		XA513	29							TM01SA	02	TM01BQ	01	1	TDD	EQ		14B			
04803		XA511	09		XA512	03			168	9								04B			
04804		XA512	03							TM01S0	02	TM01SA	01	1	TQ2	A3		02A			
04501		XA526	69		XA521	50			168	9								35A		A03	
04806		XA521	50		XA521	61			168	9								23A			
04807		XA521	61		XA507	61			168	9								32B			
04808		XA507	61		XA512	11			168	9								32B			
04809		XA512	11							TM02BP	05	TM1CPA	01	1	TQ2	A4		05B			
04810		XA511	11		XA514	34			168	9								05B			
04811		XA514	34		XA521	31			168	9								16A			
04812		XA521	31		XA521	22			168	9								15B			
04813		XA521	22		XA526	74			168	9								12A		A02	
04514		XA526	74							TM02BQ	05	TM02B0	00	1	TDD	MQ		35B	BYTE TIMING COUNT	A03	
04815		XA521	62		XA521	34			168	9								29A			
04816		XA521	34		XA514	35			168	9								16A			
04817		XA514	35		XA507	62			168	9								17B			
04818		XA507	62							TM03BP	04	TRF04A	01	4	TS8	E1		29A			
04819		XA515	60		XA514	37			168	9								28A			
04820		XA514	37		XA521	24			168	9								18B	BUFFER TIMING COUN		
04821		XA521	24		XA521	52			168	9								13A			
04822		XA521	52		XA526	62			168	9								24A			
04823		XA526	62		XA526	72			168	9								29A		A03	
05658		XA526	72							TM03BQ	06	TM02BN	01	1	TDD	MN		34A		A03	
04825		XA511	22		XA514	38			168	9								12A			
04826		XA514	38		XA526	64			168	9								18A			
04827		XA526	64							TM03RA	03	TM043P	01	1	TDD	KP		30A			
04828		XA514	40		XA521	25			168	9								19A			
04829		XA521	25		XA521	54			168	9								12B			
										****	SIGNAL	(TM04BP)	IS ON THE NEXT PAGE				****				

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	PREFIX	CONNECTOR	PIN	PREFIX	CONNECTOR	PIN	MULTI GROUP	CODE	COLOR	ISEN												
04830 04831		XA521 XA526	54 57		XA526	57						16B 9	TM04BP TM04BP	03 04	TWTOCA TM04BP	01 7 02 1	TS8 TDD	D1 KP	25A 30B			
04832 04833 04834		XA526 XA521 XA521	55 36 64		XA521 XA521 XA515	36 64 62						16B 9	TM04BQ TM04BQ TM04BQ	01 02 03	TM04BQ TRWCOA TRRCOA	00 1 01 4 01 5	TDD TS8 TS8	KQ C1 E1	29B 17A 30A	BUFFER TIMING COUNT		
04835 04836 04837 04838		XA515 XA507 XA511 XA512	62 64 13 13		XA507 XA511 XA512	64 13 13						16B 9	TM04BQ TM04BQ TM04BQ TM04BQ	04 05 06 07	TMCP0A TREQ4A TM0CPA TM1CPA	01 3 01 5 01 2 01 2	TD4 TS8 TQ2 TQ2	E2 E1 A4 A4	29A 30A 06B 06B			
04839 04840		XA513 XA512	30 15		XA512	15						16B 9	TM1CPA TM1CPA	01 02	TM01BN TM1CPA	01 1 00 1	TDD TQ2	FN A4	15A 07B			
04841 04842 04843		XA503 XA509 XA526	78 51 51		XA509 XA526	51 51						16B 9	TNDASA TNDASA TNDASA	01 02 03	TINT10 TNDASA TS30C0	01 7 00 1 01 1	TS8 TT3 TDD	F1 D3 GQ	38A 27B 27B	NO DATA ERROR		
04844 04845		XA515 XA512	45 41		XA512	41						16B 9	TNDA1A TNDA1A	01 02	TNDA1A TNDA10	00 1 01 1	TD4 TQ2	D2 D3	24B 22B			
04846 04847		XA509 XA512	45 45		XA512	45						16B 9	TNDA10 TNDA10	01 02	TNDA10 TNDA10	01 1 00 1	TT3 TQ2	D3 D3	24B 24B			
04848 04849		XA503 XA512	23 43		XA512	43						16B 9	TNDA2A TNDA2A	01 02	TNDA2A TNDA10	00 1 01 2	TS8 TQ2	B1 D3	11B 23B			
04850 04851		XA409 XA509	64 49		XA509	49						16B 9	TNDA3A TNDA3A	01 02	TNDA3A TNDA3A	00 1 01 3	TT3 TT3	E1 D3	30A 26B			
04852 04853		XA503 XA509	75 27		XA509	27						16B 9	TNSGAA TNSGAA	01 02	TINT10 TNSGAA	01 5 00 1	TS8 TT3	F1 B3	37B 13B	SPACE REC/FILE. HT		
04854 04855		XA509 XA505	21 72		XA505	72						16B 9	TNSGAO TNSGAO	01 02	TNSGAA TNSGAO	01 1 00 1	TT3 TQ2	B3 F2	10B 34A			
04856 04857		XA418 XA510	62 19		XA510	19						16B 9	TNSGCA TNSGCA	01 02	TXXRCO TNSGCA	01 4 00 1	TS8 TT3	E1 B2	29A 09B	SPACE RECORD REQUE		
04858 04859		XA410 XA503	76 73		XA503	73						16B 9	TNSGDA TNSGDA	01 02	TNSGDA TINT10	00 1 01 3	TD4 TS8	F1 F1	37A 36B			
04860 04861		XA508 XA410	11 75		XA410	75						16B 9	TNSGDO TNSGDO	01 02	TNSGDO TNSGDA	00 1 01 1	TD4 TD4	A1 F1	05B 37B			
04862 04863		XA418 XA508	64 09		XA508	09						16B 9	TNSGEA TNSGEA	01 02	TXXRCO TNSGEA	01 5 00 1	TS8 TD4	E1 A2	30A 04B	SPACE FILE REQUEST		
04864 04865		XA526 XA508	15 45		XA508	45						16B 9	TNSGIA TNSGIA	01 02	TS14BQ TNSGIA	01 1 00 1	TDD TD4	AQ D2	07B 24B	TAPE MARK DETECTED		

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	PREFIX	CONNECTOR	PIN	CA	PREFIX	CONNECTOR	PIN	CA	MULTI GROUP	CODE	COLOR	IDENT											
04866		XA511	74		XA508	21				168	9		TNSGJA	01	TWPE00	01	2	TQ2	F3	35B		001	
04867		XA508	21		XA526	27				168	9		TNSGJA	02	TNSGJA	00	1	TD4	B2	10B	LRC PARITY ERROR		
04868		XA526	27										TNSGJA	03	TS30B0	01	1	TQ0	C0	13B			
04869		XA410	62		XA510	27				168	9		TNSGKA	01	TFST05	01	3	TD4	E2	29A			
04870		XA510	27										TNSGKA	02	TNSGKA	00	1	TT3	B3	13B	SPACE FILE START		
04871		XA505	52		XA510	21				168	9		TNSGKO	01	TNSGKO	00	1	TQ2	D1	24A			
04872		XA510	21										TNSGKO	02	TNSGKA	01	1	TT3	B3	10B			
01795		XA521	79		XA509	80				168	9		TNSGMA	005	TREN1R	01	8	TS8	F1	39B		C06	
04873		XA509	80		XA503	74				168	9		TNSGMA	01	TNSGMA	00	1	TT3	F3	39A	ERASE STOP		
04874		XA503	74										TNSGMA	02	TINT10	01	4	TS8	F1	35B			
04875		XA503	11		XA508	60				168	9		TNSGOA	01	TNSGOA	00	1	TS8	A1	05B	SET CHARACTER DETE		
04876		XA508	60		XA512	56				168	9		TNSGOA	02	TKBR50	01	2	TD4	E2	28A			
04877		XA512	56										TNSGOA	03	TNSG05	01	2	TQ2	D1	26A			
04878		XA515	46		XA512	54				168	9		TNSGOR	01	TND1A	01	2	TD4	D2	21A			
04879		XA512	54		XA508	47				168	9		TNSGOR	02	TNSG05	01	1	TQ2	D1	25A			
04880		XA508	47										TNSGOR	03	TNSGOR	00	1	TD4	D1	25B			
04881		XA508	22		XA508	49				168	9		TNSG05	01	TNSG2A	01	1	TD4	B1	12A			
04882		XA508	49		XA512	52				168	9		TNSG05	02	TNSG0R	01	1	TD4	D1	26B			
04883		XA512	52										TNSG05	03	TNSG05	00	1	TQ2	D1	24A	GAP DETECT COUNTER		
04884		XA509	31		XA508	52				168	9		TNSG1A	01	TNSG1A	00	1	TT3	C2	15B			
04885		XA508	52										TNSG1A	02	TNSG0R	01	2	TD4	D1	24A			
04886		XA505	55		XA508	35				168	9		TNSG1R	01	TKBCP0	01	2	TQ2	E3	29B			
04887		XA508	35		XA512	48				168	9		TNSG1R	02	TNSG1R	00	1	TD4	C1	17B			
04888		XA512	48		XA521	77				168	9		TNSG1R	03	TNSG1S	01	1	TQ2	D2	22A			
04889		XA521	77										TNSG1R	04	TREN1R	01	6	TS8	F1	38B			
04890		XA510	22		XA509	29				168	9		TNSG1S	01	TNSG4A	01	1	TT3	B1	12A			
04891		XA509	29		XA508	37				168	9		TNSG1S	02	TNSG1A	01	1	TT3	C2	14B			
04892		XA508	37		XA512	46				168	9		TNSG1S	03	TNSG1R	01	1	TD4	C1	18B			
04893		XA512	46										TNSG1S	04	TNSG1S	00	1	TQ2	D2	21A	GAP DETECT COUNTER		
04894		XA512	50		XA508	23				168	9		TNSG2A	01	TNSG1S	01	2	TQ2	D2	23A			
04895		XA508	23										TNSG2A	02	TNSG2A	00	1	TD4	B1	11B			
04896		XA509	20		XA511	35				168	9		TNSG2R	01	TNSG2R	00	1	TT3	B1	11A			
04897		XA511	35		XA512	29				168	9		TNSG2R	02	TNSG7A	01	1	TQ2	C4	17B			
04898		XA512	29										TNSG2R	03	TNSG2S	01	1	TQ2	C3	14B			
04899		XA508	46		XA511	48				168	9		TNSG2S	01	TNSG1A	01	2	TD4	D2	21A			
04900		XA511	48		XA512	33				168	9		TNSG2S	02	TNSG3A	01	1	TQ2	D2	22A			
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 UNIT ASSEMBLY NAME CARD CAGE ASSY,A,IFCU FILE IDENT T39C1FC6 DATE 09-03-82 PAGE 229

RECORD NUMBER	FROM				TO				WIRE				SIGNAL	SEQ NO	EQUAT ON	TERM	FACTOR	INT OR CHIP TYPE	GROUP	LOAD OR POWER PLANE	TEST POINTS AND/OR	SIGNAL DESCRIPTION	ECO NO
	PREFIX	CONNECTOR	PIN	USE	PREFIX	CONNECTOR	PIN	USE	GAUGE	MULTI GROUP	CODE	COL OR IDENT											
04901		XA512	33			XA511	29			168	9			TNSG2S	03	TNSG2S	00	1	TQ2	C3	168	GAP DETECT COUNTER	
04902		XA511	29			XA510	17			168	9			TNSG2S	04	TNSG6A	01	1	TQ2	C3	148		
04903		XA510	17			XA509	22			168	9			TNSG2S	05	TNSGCA	01	2	TT3	B2	088		
04904		XA509	22			XA510	23			168	9			TNSG2S	06	TNSG2R	01	1	TT3	B1	12A		
04905		XA510	23			XA509	23			168	9			TNSG2S	07	TNSGKA	01	2	TT3	B3	11B		
04906		XA509	23			XA508	19			168	9			TNSG2S	08	TNSGAA	01	2	TT3	B3	11B		
04907		XA508	19			XA508	05			168	9			TNSG2S	09	TNSGJA	01	3	TD4	B2	09B		
04908		XA508	05											TNSG2S	10	TNSGEA	01	3	TD4	A2	03B		
04909		XA511	46			XA508	38			168	9			TNSG3A	01	TNSG3A	00	1	TQ2	D2	21A		
04910		XA508	38											TNSG3A	02	TNSG1R	01	2	TD4	C1	18A		
04911		XA506	76			XA509	19			168	9			TNSG3R	01	TNSG3S	01	1	TQ2	F4	37A		
04912		XA509	19											TNSG3R	02	TNSG3R	00	1	TT3	B2	09B		
04913		XA509	14			XA512	35			168	9			TNSG3S	01	TNSG3R	01	1	TT3	B2	09A		
04914		XA512	35			XA506	80			168	9			TNSG3S	02	TNSG5A	01	1	TQ2	C4	17B		
04915		XA506	80											TNSG3S	03	TNSG3S	00	1	TQ2	F4	39A	GAP DETECT COUNTER	
04916		XA510	20			XA512	31			168	9			TNSG4A	01	TNSG4A	00	1	TT3	B1	11A		
04917		XA512	31											TNSG4A	02	TNSG2S	01	2	TQ2	C3	15B		
04918		XA507	73			XA508	62			168	9			TNSG5A	01	TREN2R	01	3	TS8	F1	36B		
04919		XA508	62			XA512	39			168	9			TNSG5A	02	TKBRSO	01	3	TD4	E2	29A		
04920		XA512	39			XA509	24			168	9			TNSG5A	03	TNSG5A	00	1	TQ2	C4	19B		
04921		XA509	24											TNSG5A	04	TNSG2R	01	2	TT3	B1	13A		
04922		XA511	33			XA506	78			168	9			TNSG6A	01	TNSG6A	00	1	TQ2	C3	16B		
04923		XA506	78											TNSG6A	02	TNSG3S	01	2	TQ2	F4	38A		
04924		XA509	17			XA511	39			168	9			TNSG7A	01	TNSG3R	01	2	TT3	B2	08B		
04925		XA511	39											TNSG7A	02	TNSG7A	00	1	TQ2	C4	19B		
04926		XA530	79			XA530	72			168	9			TRCP00	01	TR02BN	01	1	TDD	LN	39B		
04927		XA530	72			XA530	70			168	9			TRCP00	02	TR03BN	01	1	TDD	MN	34A		
04928		XA530	70			XA530	60			168	9			TRCP00	03	TR00BN	01	1	TDD	JN	33A		
04929		XA530	60			XA519	66			168	9			TRCP00	04	TR01BN	01	1	TDD	KN	28A		
04930		XA519	66											TRCP00	05	TRCP00	00	1	TQ2	E1	31A	OUTPUT DATA REG. CL.	
04931		XA519	60			XA531	26			168	9			TRCP10	01	TRCP10	00	1	TQ2	E2	28A		
04932		XA531	26			XA531	14			168	9			TRCP10	02	TR06BN	01	1	TDD	CN	14A		
04933		XA531	14			XA531	10			168	9			TRCP10	03	TR07BN	01	1	TDD	DN	09A		
04934		XA531	10			XA531	01			168	9			TRCP10	04	TR04BN	01	1	TDD	AN	07A		
04935		XA531	01											TRCP10	05	TR05BN	01	1	TDD	BN	02B		
04936		XA531	30			XA531	42			168	9			TRCP20	01	TR09BN	01	1	TDD	FN	15A		
04937		XA531	42			XA531	46			168	9			TRCP20	02	TR08BN	01	1	TDD	EN	20A		
04938		XA531	46			XA531	56			168	9			TRCP20	03	TR11BN	01	1	TDD	HN	21A		
04939		XA531	56			XA519	57			168	9			TRCP20	04	TR10BN	01	1	TDD	GN	26A		
04940		XA519	57											TRCP20	05	TRCP20	00	1	TQ2	E3	30B		

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DRAWING NUMBER 149016-800 STRING UNIT ASSEMBLY NO. 149016 REV E INDEX TRCP20
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RECORD NUMBER	FROM			TO			W RE				SIGNAL	SFC NO	EQUATION	TERM	FACTOR	CKT OR CHIP TYPE	GROUP	LOAD OR POWER PLANE	TEST POINTS		SIGNAL DESCRIPTION	ECO NO	
	PREFIX	CONNECTOR	PIN	PREFIX	CONNECTOR	PIN	MULTI-DRUP	CODE	COLOR	IDENT									AND	OR			
04941		XA519	63		XA531	60		168	9		TRCP30	01	TRCP30	00	1	TQ2	E4			33B			
04942		XA531	60		XA531	70		168	9		TRCP30	02	TR13BN	01	1	TDD	KN			28A			
04943		XA531	70		XA531	72		168	9		TRCP30	03	TR12BN	01	1	TDD	JN			33A			
04944		XA531	72		XA531	79		168	9		TRCP30	04	TR15BN	01	1	TDD	MN			34A			
04945		XA531	79								TRCP30	05	TR14BN	01	1	TDD	LN			39B			
04946		XA532	01		XA532	10		168	9		TRCP40	01	TR17BN	01	1	TDD	BN			02B			
04947		XA532	10		XA532	14		168	9		TRCP40	02	TR16BN	01	1	TDD	AN			07A			
04948		XA532	14		XA532	26		168	9		TRCP40	03	TR19BN	01	1	TDD	DN			09A			
04949		XA532	26		XA519	75		168	9		TRCP40	04	TR18BN	01	1	TDD	CN			14A			
04950		XA519	75								TRCP40	05	TRCP40	00	1	TQ2	F1			37B			
04951		XA532	30		XA532	42		168	9		TRCP50	01	TR21BN	01	1	TDD	FN			15A			
04952		XA532	42		XA532	46		168	9		TRCP50	02	TR20BN	01	1	TDD	EN			20A			
04953		XA532	46		XA532	56		168	9		TRCP50	03	TR23BN	01	1	TDD	HN			21A			
04954		XA532	56		XA519	72		168	9		TRCP50	04	TR22BN	01	1	TDD	GN			26A			
04955		XA519	72								TRCP50	05	TRCP50	00	1	TQ2	F2			34A			
04956		XA532	60		XA532	70		168	9		TRCP60	01	TR25BN	01	1	TDD	KN			28A			
04957		XA532	70		XA532	72		168	9		TRCP60	02	TR24BN	01	1	TDD	JN			33A			
04958		XA532	72		XA532	79		168	9		TRCP60	03	TR27BN	01	1	TDD	MN			34A			
04959		XA532	79		XA519	69		168	9		TRCP60	04	TR26BN	01	1	TDD	LN			39B			
04960		XA519	69								TRCP60	05	TRCP60	00	1	TQ2	F3			35A			
04961		XA533	01		XA533	10		168	9		TRCP70	01	TR29BN	01	1	TDD	BN			02B			
04962		XA533	10		XA533	14		168	9		TRCP70	02	TR28BN	01	1	TDD	AN			07A			
04963		XA533	14		XA533	26		168	9		TRCP70	03	TR31BN	01	1	TDD	DN			09A			
04964		XA533	26		XA519	80		168	9		TRCP70	04	TR30BN	01	1	TDD	CN			14A			
04965		XA519	80								TRCP70	05	TRCP70	00	1	TQ2	F4			39A	OUTPUT DATA REG CL		
04966		XA517	18		XA517	24		168	9		TRD8CA	01	TTC10	01	1	TQ2	B2			10A			
04967		XA517	24		XA516	52		168	9		TRD8CA	02	TTC00	01	1	TQ2	B1			13A			
04968		XA516	52								TRD8CA	03	TRD8CA	00	1	TQ2	D1			24A			
05645		XA449	50								TRD8CDR	00											
08251		XA546	53		XA546	53		168	9		TRD8CDR	01					EXT DCE						
04969		XA547	19		XA546	55		168	9		TRD8CDX4	01					RR4	B5					
04970		XA546	55								TRD8CDX4	02	TRD8COX400	1	1	DCE	C3			30B	READ CLOCK RECEIVE		
04971		XA516	54		XA546	56		168	9		TRD8COX	01	TRD8CA	01	1	TQ2	D1			25A			
04972		XA546	56								TRD8COX	02	TRD8COX	00	1	DCE	C4			29B			
03337		XA449	52	3	XA544	32	3	168	9		TRD8EDR	01					EXT RR4					804	
08477		XA544	32								TRD8EDR	02											
03336		XA449	51		XA544	23		168	9		TRD8ED4	00					EXT RR4	C3				804	
04973		XA544	23		XA543	52		168	9		TRD8ED4	01											
										****	SIGNAL	{TRD8ED4}		IS ON THE	NEXT PAGE	****							

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DRAWING NUMBER
UNIT ASSEMBLY NAME

149016-800
CARD CAGE ASSY,A,IFCU

STRING

UNIT ASSEMBLY NO.
FILE IDENT

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RECORD NUMBER	FROM				TO				WIRE				SIGNAL	SEQ NO	EQUATION	TERM FACTOR	CKT OR CHIP TYPE	GROUP	LOAD OR POWER PLANE	TEST POINTS AND/OR	SIGNAL DESCRIPTION	ECO NO		
	PREFIX	CONNECTOR	PIN	DRIVE	PREFIX	CONNECTOR	PIN	DRIVE	MULTI GROUP	CODE	COLOR	IDEN												
04974		XA543	52										TRDBED4	02	TRDBED4	00	1	TLO	D1	24A	READ ENABLE DRIVER			
03294		XA449	04		XA546	45				168	9		TRDBPDR	00				EXT					B04	
08250		XA546	45										TRDBPDR	01				DCF		27A				
03293		XA449	03		XA547	17				168	9		TRDBPDX4	00				EXT					B04	
04975		XA547	17		XA546	46				168	9		TRDBPDX4	01			RR4	B4						
04976		XA546	46										TRDBPDX4	02	TRDBPDX400	1	DCF	C1		25B	TAPE DATA P RECEIV			
04977		XA542	18		XA546	47				168	9		TRDBPOX	01	TT0PBI	01	1	TDD	D1	10A				
04978		XA546	47										TRDBPOX	02	TRDBPOX	00	1	DCF	C2	26B				
03296		XA449	06		XA546	05				168	9		TRDBOOR	00				EXT					B04	
08154		XA546	05										TRDBOOR	01				DCF						
03295		XA449	05		XA547	08				168	9		TRDBODX4	00				EXT					B04	
04981		XA547	08		XA546	07				168	9		TRDBODX4	01			RR4	A1						
04982		XA546	07										TRDBODX4	02	TRDBODX400	1	DCF	A1		02B	TAPE DATA O RECEIV			
04983		XA542	40		XA546	09				168	9		TRDBOOX	01	TT00BI	01	1	TDD	F1	19A				
04984		XA546	09										TRDBOOX	02	TRDBOOX	00	1	DCF	A2	03B				
03298		XA449	08		XA546	19				168	9		TRDB1DR	00				EXT					B04	
08155		XA546	19										TRDB1DR	01				DCF						
03297		XA449	07		XA547	10				168	9		TRDB1DX4	00				EXT					B04	
04985		XA547	10		XA546	17				168	9		TRDB1DX4	01			RR4	A2						
04986		XA546	17										TRDB1DX4	02	TRDB1DX400	1	DCF	A3		07B	TAPE DATA 1 RECEIV			
04987		XA542	34		XA546	15				168	9		TRDB1OX	01	TT01BI	01	1	TDD	F1	16A				
04988		XA546	15										TRDB1OX	02	TRDB1OX	00	1	DCF	A4	06B				
03300		XA449	10		XA546	16				168	9		TRDB2DR	00				EXT					B04	
08156		XA546	16										TRDB2DR	01				DCF						
03299		XA449	09		XA547	05				168	9		TRDB2DX4	00				EXT					B04	
04989		XA547	05		XA546	14				168	9		TRDB2DX4	01			RR4	A3						
04990		XA546	14										TRDB2DX4	02	TRDB2DX400	1	DCF	A5		08B	TAPE DATA 2 RECEIV			
04991		XA542	54		XA546	10				168	9		TRDB2OX	01	TT02BI	01	1	TDD	G1	25A				
04992		XA546	10										TRDB2OX	02	TRDB2OX	00	1	DCF	A6	07A				
03314		XA449	26		XA546	02				168	9		TRDB3DR	00				EXT					B04	
08157		XA546	02										TRDB3DR	01				DCF		01A				
03313		XA449	25		XA547	07				168	9		TRDB3DX4	00				EXT					B04	
04993		XA547	07		XA546	01				168	9		TRDB3DX4	01			RR4	A4						
04994		XA546	01										TRDB3DX4	02	TRDB3DX400	1	DCF	A7		02A	TAPE DATA 3 RECEIV			
04995		XA542	48		XA546	03				168	9		TRDB3OX	01	TT03BI	01	1	TDD	H1	22A				
													****	SIGNAL	TRDB3OX									

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DRAWING NUMBER
UNIT ASSEMBLY NAME

149016-800
CARD CAGE ASSY,A,IFCU

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FILE IDENT

149016
T39C1FC6

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RECORD NUMBER	FROM				TO				WIRE				SIGNAL	SEC NO	EQUATION	J & K	B FACTOR	CAT OR TRIP TYPE	WUP	LOAD OP CWR PLANE	TEST POINTS AND CH	SIGNAL DESCRIPTION	ECO NO				
	PREFIX	CONNECTOR	FIN	PLT	PREFIX	CONNECTOR	PIN	PLT	U S	MULTI GROUP	CODE	CO. OR												IDENT	SEC. NO.		
04996		XA546	03											TRDB30X	02	TRDB30X	00	1	DCF	A8		03A					
03317		XA449	30		XA546	25				16B	9			TRDB4DR	00				EXT				B04				
08245		XA546	25											TRDB4DR	01				DCF								
03316		XA449	29		XA547	09				16B	9			TRDB4DX4	00				EXT				B04				
04997		XA547	09		XA546	27				16B	9			TRDB4DX4	01				RR4	A5							
04998		XA546	27											TRDB4DX4	02	TRDB4DX400	1		DCF	B1		10B	TAPE DATA 4 RECEIV				
04999		XA542	68		XA546	29				16B	9			TRDB4OX	01	TT04BT	01	1	TDD	JT		32A					
05000		XA546	29											TRDB4OX	02	TRDB4OX	00	1	DCF	B2		11B					
03320		XA449	34		XA546	39				16B	9			TRDB5DR	00				EXT				B04				
08246		XA546	39											TRDB5DR	01				DCF								
03319		XA449	33		XA547	20				16B	9			TRDB5DX4	00				EXT				B04				
05001		XA547	20		XA546	37				16B	9			TRDB5DX4	01				RR4	B1							
05002		XA546	37											TRDB5DX4	02	TRDB5DX400	1		DCF	B3		15B	TAPE DATA 5 RECEIV				
05003		XA542	62		XA546	35				16B	9			TRDB5OX	01	TT05BT	01	1	TDD	KT		29A					
05004		XA546	35											TRDB5OX	02	TRDB5OX	00	1	DCF	B4		14B					
03322		XA449	36		XA546	42				16B	9			TRDB6DR	00				EXT				B04				
08247		XA546	42											TRDB6DR	01				DCF			20B					
03321		XA449	35		XA547	26				16B	9			TRDB6DX4	00				EXT				B04				
05005		XA547	26		XA546	41				16B	9			TRDB6DX4	01				RR4	B2							
05006		XA546	41											TRDB6DX4	02	TRDB6DX400	1		DCF	B5		16A	TAPE DATA 6 RECEIV				
05007		XA542	77		XA546	40				16B	9			TRDB6OX	01	TT06BT	01	1	TDD	LT		38B					
05008		XA546	40											TRDB6OX	02	TRDB6OX	00	1	DCF	B6		15A					
03324		XA449	38		XA546	21				16B	9			TRDB7DR	00				EXT				B04				
08248		XA546	21											TRDB7DR	01				DCF								
03323		XA449	37		XA547	24				16B	9			TRDB7DX4	00				EXT				B04				
05009		XA547	24		XA546	23				16B	9			TRDB7DX4	01				RR4	B3							
05010		XA546	23											TRDB7DX4	02	TRDB7DX400	1		DCF	B7		10A	TAPE DATA 7 RECEIV				
05011		XA542	71		XA546	30				16B	9			TRDB7OX	01	TT07BT	01	1	TDD	MT		34A					
05012		XA546	30											TRDB7OX	02	TRDB7OX	00	1	DCF	B8		11A					
05013		XA413	75		XA412	52				16B	9			TRDCAB	01	TREWIP	01	1	TDD	LP		37B					
05014		XA412	52		XA412	46				16B	9		P	TRDCCA	02	TRDCAB	01	1	TQ2	D1		24A					
05015		XA412	46		XA425	04				16B	9		P	TRDCDA	03	TRDCAB	02	1	TQ2	D2		21A					
05016		XA425	04		XA425	20				16B	9			TRDCAB	04	TREWDP	01	1	TDD	BP		04A					
05017		XA425	20		XA425	22				16B	9			TRDCAB	05	TSPAFP	01	1	TDD	DP		11A					
05018		XA425	22		XA425	36				16B	9			TRDCAB	06	TSPACP	01	1	TDD	CP		12A					
05019		XA425	36		XA425	38				16B	9			TRDCAB	07	TWRIEP	01	1	TDD	FP		17A					
05020		XA425	38		XA425	50				16B	9			TRDCAB	08	THYSPP	01	1	TDD	EP		18A					
													****	SIGNAL		TRDCAB	IS ON THE NEXT PAGE										****

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DRAWING NUMBER
UNIT ASSEMBLY NAME

149016-800 STRING
CARD CAGE ASSY, A, IFCU

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RECORD NUMBER	FROM				TO				WIRE				SFC INST MISC	SIGNAL	SEQ NO	EQUATION	TERM	FACTOR	CKT OR CHIP TYPE	GROUP	LOAD OR POWER PLANE	TEST POINTS AND/OR	SIGNAL DESCRIPTION	ECO NO
	PREFIX	CONNECTOR	PIN	DR FC	PREFIX	CONNECTOR	PIN	DR FC	MULTI GROUP	CODE	COLOR	IDENT												
05021		XA425	50		XA425	52				16B	9		TRDCAB	09	TWRITP	01	1	TDD	HP		23A			
05022		XA425	52		XA425	64				16B	9		TRDCAB	10	TWTSTP	01	1	TDD	GP		24A			
05023		XA425	64		XA425	66				16B	9		TRDCAB	11	TREDBP	01	1	TDD	KP		30A			
05024		XA425	66		XA539	04				16B	9		TRDCAB	12	TREADP	01	1	TDD	JP		31A			
05025		XA539	04		XA541	22				16B	9		TRDCAB	13	TTASLP	01	1	TDD	BP		04A			
05026		XA541	22		XA542	22				16B	9		TRDCAB	14	TDIRSP	01	1	TDD	CP		12A			
05027		XA542	22										TRDCAB	15	TSPNSP	01	1	TDD	CP		12A			
05028		XA412	52									J	TRDCCA	01	TRDCCA	00	1	TQ2	D1		24A	TRDCAB BUSS		
05029		XA412	48		XA412	54				16B	9		TRDCCO	01	TRDCCA	01	1	TQ2	D2		22A			
05030		XA412	54		XA439	63				16B	9		TRDCCO	02	TRDCCA	01	1	TQ2	D1		25A			
05031		XA439	63										TRDCCO	03	TRDCCA	00	1	TQ2	E4		33B			
05032		XA412	46									J	TRDCCA	01	TRDCCA	00	1	TQ2	D2		21A	TRDCAB BUSS		
04771		XA424	62		XA522	69				16B	9		TRDY1A	01	TXDB0TD	01	1	MUX	D4		29A		D01	
08055		XA522	69										TRDY1A	02	TRDY1A	00	1	TQ2	F3		35A		D01	
03303		XA449	14		XA546	67				16B	9		TRDY1DR	00				EXT						B04
08293		XA546	67										TRDY1DR	01				DCF						
03302		XA449	13		XA547	23				16B	9		TRDY1DX4	00				EXT						B04
05035		XA547	23		XA546	65				16B	9		TRDY1DX4	01				RR4	C3					
05036		XA546	65										TRDY1DX4	02	TRDY1DX400	1	1	DCF	D1		32B	READY 1 RECEIVER		
06329		XA507	06		XA502	18				16B	9		TRDY10X	0M	TWENOR	01	4	TS8	A1		05A		D04	
05033		XA502	18		XA421	29				16B	9		TRDY10X	00	TBSY0A	01	2	TS8	B1		10A		D01	
05037		XA421	29		XA423	35				16B	9		TRDY10X	01	TXDB11X	01	5	MUX	B1		13B			
05038		XA423	35		XA522	74				16B	9		TRDY10X	02	URDYX1X	01	1	MUX	C1		16B		D01	
01787		XA522	74		XA546	69				16B	9		TRDY10X	021	TRDY1A	01	2	TQ2	F3		35B		D01	
05039		XA546	69										TRDY10X	03	TRDY10X	00	1	DCF	D2		33B			
05055		XA505	71		XA515	01				16B	9		TREADP	01	TNSGAO	01	1	TQ2	F2		36A			
05056		XA515	01		XA412	68				16B	9		TREADP	02	TLRCCO	01	1	TD4	A2		02B			
05057		XA412	68		XA425	59				16B	9		TREADP	03	TRTDCO	01	1	TQ2	E1		32A			
05058		XA425	59		XA527	36				16B	9		TREADP	04	TREADP	00	1	TDD	JP		31B			
05059		XA527	36										TREADP	05	TCSDOO	01	4	TSO	C1		17A			
05060		XA504	73		XA515	75				16B	9		TREADQ	01	TREQ0A	01	3	TS8	F1		36B			
05061		XA515	75		XA521	14				16B	9		TREADQ	02	TREN1A	01	1	TD4	F1		37B			
05062		XA521	14		XA425	61				16B	9		TREADQ	03	TRTOCA	01	1	TS8	B1		09A			
05063		XA425	61		XA431	14				16B	9		TREADQ	04	TREADQ	00	1	TDD	JQ		32B	READ/INTERRUPT COM		
05064		XA431	14										TREADQ	05	TRTDEA	01	1	TT3	B2		09A			
05065		XA502	74		XA508	72				16B	9		TREDBP	01	TINT6A	01	4	TS8	F1		35B			
05066		XA508	72		XA425	57				16B	9		TREDBP	02	TINT2A	01	2	TD4	F2		34A			
05067		XA425	57										TREDBP	03	TREDBP	00	1	TDD	KP		30B			
08287		XA425	55		XA517	76				16B	9		TREDBQ	01	TREDBQ	00	1	TDD	KQ		29B			
										****		SIGNAL	ITREDBQ											IS ON THE NEXT PAGE ****

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 DRAWING NUMBER
 UNIT ASSEMBLY NAME

149016-800 STRING
 CARD CAGE ASSY, A, IFCU

UNIT ASSEMBLY NO. 149016
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RECORD NUMBER	FROM				TO				WIRE				SIGNAL	SEQ NO	EQUATION	TERM	FACTOR	CKT OR CHIP TYPE	GROUP	LOAD OR POWER PLANE	TEST POINTS AND/OR	SIGNAL DESCRIPTION	ECO NO	
	PREFIX	CONNECTOR	PIN	SH FTG	PREFIX	CONNECTOR	PIN	SH FTG	MULTI GROUP	CODE	COLOR	IDENT												
01738		XA517	76										TREDBQ	02	TREN3A	01	1	TQ2	F4		37A			
05068		XA426	45		XA425	68			16B	9			TRED10	01	TRED10	00	1	TQ2	D3		24B			
05069		XA425	68										TRED10	02	TREADI	01	1	TDD	J1		32A			
05070		XA425	62		XA426	30			16B	9			TRED20	01	TREDBI	01	1	TDD	K1		29A			
05071		XA426	30										TRED20	02	TRED20	00	1	TQ2	C2		15A			
08070		XA524	46		XA508	76			16B	9			TREG00	01	TWRG8A	01	2	TT3	D2		21A		808	
05073		XA508	76										TREG00	02	TREG00	00	1	TD4	F1		37A	FRASE STOP		
05074		XA506	60		XA508	75			16B	9			TREG1A	01	TREG1A	00	1	TQ2	F2		28A			
05075		XA508	75										TREG1A	02	TREG00	01	1	TD4	F1		37B			
05076		XA508	77		XA506	57			16B	9			TREG2A	01	TREG00	01	2	TD4	F1		38B			
05077		XA506	57										TREG2A	02	TREG2A	00	1	TQ2	F3		30B			
05078		XA506	75		XA508	78			16B	9			TREG3A	01	TREG3A	00	1	TQ2	F1		37B			
05079		XA508	78										TREG3A	02	TREG00	01	3	TD4	F1		38A			
05080		XA524	66		XA517	73			16B	9			TRENOA	01	TMR500	01	1	TT3	E1		31A			
05081		XA517	73		XA516	80			16B	9			TRENOA	02	TREN0S	01	2	TQ2	F2		36B			
05082		XA516	80		XA508	55			16B	9			TRENOA	03	TRENOA	00	1	TQ2	F4		39A			
05083		XA508	55										TRENOA	04	TKBR50	01	1	TD4	E2		29B			
05084		XA517	71		XA518	64			16B	9			TRENOR	01	TREN0S	01	1	TQ2	F2		36A			
05085		XA518	64										TRENOR	02	TRENOR	00	1	TT3	E1		30A			
05086		XA508	54		XA508	40			16B	9			TRENOS	01	TNSGOR	01	3	TD4	D1		25A			
05087		XA508	40		XA518	23			16B	9			TRENOS	02	TNSG1R	01	3	TD4	C1		19A			
05088		XA518	23		XA517	72			16B	9			TRENOS	03	TTRS00	01	2	TT3	B3		11B			
05089		XA517	72		XA518	66			16B	9			TRENOS	04	TREN0S	00	1	TQ2	F2		34A	READ REG READ ENAB		
05090		XA518	66		XA543	54			16B	9			TRENOS	05	TRENOR	01	1	TT3	E1		31A			
05091		XA543	54										TRENOS	06	TRDBED4	01	1	TLD	D1		25A			
05092		XA521	72		XA515	76			16B	9			TREN1A	01	TREN1R	01	2	TS8	F1		34A			
05093		XA515	76		XA507	72			16B	9			TREN1A	02	TREN1A	00	1	TD4	F1		37A			
05094		XA507	72										TREN1A	03	TREN2R	01	2	TS8	F1		34A			
05095		XA517	65		XA521	76			16B	9			TREN1R	01	TREN1S	01	1	TQ2	F3		34B			
05096		XA521	76										TREN1R	02	TREN1R	00	1	TS8	F1		37A			
05097		XA517	69		XA521	71			16B	9			TREN1S	01	TREN1S	00	1	TQ2	F3		35A	FORWARD READ ENAB		
05098		XA521	71		XA521	19			16B	9			TREN1S	02	TREN1R	01	1	TS8	F1		36A			
05099		XA521	19		XA507	18			16B	9			TREN1S	03	TRTOCA	01	3	TS8	B1		09B			
05100		XA507	18		XA504	04			16B	9			TREN1S	04	TWR10R	01	2	TS8	B1		10A			
05101		XA504	04		XA504	18			16B	9			TREN1S	05	TRTDOA	01	2	TS8	A1		04A			
05102		XA504	18		XA503	30			16B	9			TREN1S	06	TRTD1A	01	2	TS8	B1		10A			
05103		XA503	30		XA504	31			16B	9			TREN1S	07	TRTDPA	01	1	TS8	C1		15A			
05104		XA504	31		XA504	46			16B	9			TREN1S	08	TRTD2A	01	2	TS8	C1		15B			
									****			SIGNAL	(TREN1S)		IS ON THE						NEXT PAGE	****		

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149016-800 STRING
 CARD CAGE ASSY, A, IFCU

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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	DR	PREFIX	CONNECTOR	PIN	DR	MULTI GROUP	CODE	COLOR	IDENT											
05105		XA504	46			XA502	46			16B	9		TREN1S	09	TRTD3A	01	2	TS8	D1		21A		
05106		XA502	46										TREN1S	10	TRMROA	01	2	TS8	D1		21A		
05107		XA518	74			XA517	74			16B	9		TREN2A	01	TREN2A	00	1	TT3	F2		35B		
05108		XA517	74			XA506	73			16B	9		TREN2A	02	TREN1S	01	2	TQ2	F3		35B		
05109		XA506	73										TREN2A	03	TREN2S	01	2	TQ2	F2		36B		
05110		XA507	76			XA506	71			16B	9		TREN2R	01	TREN2R	00	1	TS8	F1		37A		D.04
05111		XA506	71										TREN2R	02	TREN2S	01	1	TQ2	F2		36A		
05112		XA504	72			XA506	72			16B	9		TREN2S	01	TREQ0A	01	2	TS8	F1		34A		
05113		XA506	72			XA507	71			16B	9		TREN2S	02	TREN2S	00	1	TQ2	F2		34A		
05114		XA507	71			XA507	60			16B	9		TREN2S	03	TREN2R	01	1	TS8	F1		36A		
05115		XA507	60			XA431	17			16B	9		TREN2S	04	TREQ4A	01	2	TS8	E1		28A		
05116		XA431	17										TREN2S	05	TRTDEA	01	2	TT3	B2		08B		
01673		XA507	77			XA517	80			16B	9		TREN3A	01	TREN2R	01	6	TS8	F1		38B		
03415		XA517	80										TREN3A	02	TREN3A	00	1	TQ2	F4		39A		G.03
05117		XA506	46			XA505	59			16B	9		TREQCA	01	TREQCA	00	1	TQ2	D2		21A		
05118		XA505	59										TREQCA	02	TREQR0	01	1	TQ2	E4		31B		
05119		XA526	75			XA425	69			16B	9		TREQCP	01	TREQ4P	01	1	TDD	LP		37B		
05120		XA425	69			XA514	20			16B	9		TREQCP	02	TREQCP	00	1	TDD	MP		35A		
05121		XA514	20			XA514	22			16B	9		TREQCP	03	TREQ3P	01	1	TDD	DP		11A		
05122		XA514	22			XA513	22			16B	9		TREQCP	04	TREQ1P	01	1	TDD	CP		12A		
05123		XA513	22			XA513	75			16B	9		TREQCP	05	TREQ0P	01	1	TDD	CP		12A		E01
01289		XA513	75										TREQCP	06	TREQ2P	01	1	TDD	LP		37B		E01
05125		XA505	61			XA506	45			16B	9		TREQDA	01	TREQR0	01	2	TQ2	F4		32B		
05126		XA506	45										TREQDA	02	TREQDA	00	1	TQ2	D3		24B		
05127		XA425	73			XA506	51			16B	9		TREQRA	01	TREQCP	01	1	TDD	MP		36B		
05128		XA506	51										TREQRA	02	TREQRA	00	1	TQ2	D4		27B		
05129		XA505	63			XA506	47			16B	9		TREQR0	01	TREQR0	00	1	TQ2	F4		33B		
05130		XA506	47										TREQR0	02	TREQRA	01	1	TQ2	D4		25B		
05131		XA506	70			XA504	76			16B	9		TREQ0A	01	TREQ0S	01	2	TQ2	E1		33A		
05132		XA504	76										TREQ0A	02	TREQ0A	00	1	TS8	F1		37A		
05133		XA514	24			XA513	25			16B	9		TREQ0Q	01	TREQ1I	01	1	TDD	CI		13A		
05134		XA513	25										TREQ0Q	02	TREQ0Q	00	1	TDD	CQ		12B		READ REQUEST DELAY
05135		XA510	55			XA506	68			16B	9		TREQ0R	01	TREQ0R	00	1	TT3	E2		29B		
05136		XA506	68										TREQ0R	02	TREQ0S	01	1	TQ2	F1		32A		
05137		XA505	23			XA506	66			16B	9		TREQ0S	01	TREQ2A	01	1	TQ2	B4		11B		
05138		XA506	66			XA510	53			16B	9		TREQ0S	02	TREQ0S	00	1	TQ2	E1		31A		
05139		XA510	53										TREQ0S	03	TREQ0R	01	1	TT3	F2		28B		

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149016-800 STRING
 CARD CAGE ASSY, A, IFCU

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RECORD NUMBER	FROM				TO				WIRE				SIGNAL	SEQ NO	EQUATION	TERM FACTOR	CKT OR CHIP TYPE	GROUP	LOAD OP. PLANE	TEST POINTS AND/OR	SIGNAL DESCRIPTION	ECO NO			
	PREFIX	CONNECTOR	PIN	DR PC	PREFIX	CONNECTOR	PIN	DR PC	MULTI GROUP	CODE	COLOR	IDENT											SPC INST. MISC.		
05140 05141		XA510 XA506	60 69			XA506	69			16B	9			TREQ1A TREQ1A	01 02	TREQOR TREQ1A	01 2 00 1	TT3 E2 TQ2 F3		28A 35A					
01677 05166 08290		XA513 XA513 XA514	79 24 23			XA513 XA514	24 23			16B	9			TREQ1P TREQ1P TREQ1P	01 02 03	TREQ2N TREQ0I TREQ1P	01 1 01 1 00 1	TDD LN TDD CI TDD CP		39B 13A 11B		E01 D01 D01			
05144 05145 05146		XA504 XA510 XA512	71 63 34			XA510 XA512	63 34			16B	9			TREQ1R TREQ1R TREQ1R	01 02 03	TREQ0A TREQ1R TREQ1S	01 1 00 1 01 1	TS8 F1 TT3 E3 TQ2 C2		36A 33B 16A					
05147 05148 05149 05150		XA506 XA507 XA510 XA512	65 55 57 30			XA507 XA510 XA512	55 57 30			16B	9			TREQ1S TREQ1S TREQ1S TREQ1S	01 02 03 04	TREQ1A TREQ4A TREQ1R TREQ1S	01 1 01 1 01 1 00 1	TQ2 F3 TS8 E1 TT3 E3 TQ2 C2		34B 29B 30B 15A					
05151 05152 05153		XA511 XA512 XA505	03 36 27			XA512 XA505	36 27			16B	9			TREQ2A TREQ2A TREQ2A	01 02 03	TM01S0 TREQ1S TREQ2A	01 1 01 2 00 1	TQ2 A3 TQ2 C2 TQ2 B4		02A 17A 13B					
03407 05701 05657		XA513 XA514 XA526	76 14 79			XA514 XA526	14 79			16B	9			TREQ2P TREQ2P TREQ2P	01 02 03	TREQ2P TREQ3N TREQ4N	00 1 01 1 01 1	TDD LP TDD DN TDD LN		37A 09A 39B		E01 D01 D01			
03408 05159 05443		XA513 XA524 XA525	78 65 06			XA524 XA525	65 06			16B	9			TREQ2Q TREQ2Q TREQ2Q	01 03 04	TREQ2Q TREQ5A TREQ3A	00 1 01 1 01 1	TDD LQ TT3 F2 TD4 A1		38A 34B 09A		E01 D01 D01			
05157 05445 05165		XA510 XA525 XA425	59 11 72			XA525 XA425	11 72			16B	9			TREQ3A TREQ3A TREQ3A	02 03 04	TREQ1R TREQ3A TREQCN	01 2 00 1 01 1	TT3 E3 TD4 A1 TDD MN		31B 05B 34A		D01 D01 D01			
05158 05461		XA514 XA525	21 08			XA525	08			16B	9			TREQ3P TREQ3P	01 02	TREQ3P TREQ3A	00 1 01 2	TDD DP TD4 A1		10B 06A		D01 D01			
05160 05161		XA526 XA514	77 19			XA514	19			16B	9			TREQ3Q TREQ3Q	01 02	TREQ4I TREQ3Q	01 1 00 1	TDD LI TDD DQ		38B 09B					
05162 05163		XA418 XA507	55 59			XA507	59			16B	9			TREQ4A TREQ4A	01 02	TXXRCO TREQ4A	01 1 00 1	TS8 E1 TS8 F1		29B 31B					
05164 05154		XA526 XA514	76 18			XA514	18			16B	9			TREQ4P TREQ4P	01 02	TREQ4P TREQ3I	00 1 01 1	TDD LP TDD DI		37A 10A		D01 D01			
05470 05168		XA525 XA526	10 78			XA526	78			16B	9			TREQ4Q TREQ4Q	01 02	TREQ3A TREQ4Q	01 3 00 1	TD4 A1 TDD LQ		07A 38A		D01 READ REQUEST DELAY			
01706		XA513	77			XA524	74			16B	9			TREQ5A	01	TREQ2I	01 1	TDD LI		38B		E01			
													****	SIGNAL	TREQ5A	IS ON THE NEXT PAGE ****									

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149016-800 STRING
CARD CAGE ASSY, A, IFCU

UNIT ASSEMBLY NO. 149016
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RECORD NUMBER	FROM				TO				WIRE				SIGNAL	SEQ NO	EQUATION	TERM	FACTOR	CXT OR CHIP TYPE	GROUP	LOAD OR POWER PLANE	TEST POINTS		SIGNAL DESCRIPTION	ECO NO
	PREFIX	CONNECTOR	PIN	SP. P.C.	PREFIX	CONNECTOR	PIN	SP. P.C.	MULTI GROUP	CODE	COLOR	IDENT									INLET WIRE	AND OR		
05156		XA524	74										TREQ5A	02	TREQ5A	00	1	TT3	F2		35B		D01	
03401		XA506	63		XA511	56			16B	9			TREWCA	01	TREWCA	00	1	TQ2	E4		33B		D02	
01679		XA511	56		XA543	50			16B	9			TREWCA	02	TREWCO	01	2	TQ2	D1		26A		D04	
05397		XA543	50										TREWCA	03	TRUNC4	01	2	TLD	D2		23A		D04	
04585		XA348	71		XA550	23			16B	9			TREWCB	01				SHT					D03	
03239		XA550	23						16B	9			TREWCB	02				EXT					D03	
03240		XA550	24	2	XA543	44	2		16B	9			TREWCDR	01				EXT					B04	
08478		XA543	44										TREWCDR	02				TLD			27A			
04583		XA348	69		XA543	45			16B	9			TREWCD4	005				SHT					D03	
05169		XA543	45		XA544	29			16B	9			TREWCD4	01	TREWCD4	00	1	TLD	D3		24B	REWIND DRIVER		
05170		XA544	29										TREWCD4	02				RR4	C5					
03403		XA511	52		XA543	43			16B	9			TREWCO	01	TREWCO	00	1	TQ2	D1		24A		D01	
05401		XA543	43										TREWCO	02	TREWCD4	01	2	TLD	D3		23B		D02	
05171		XA502	75		XA508	73			16B	9			TREWDP	01	TINT6A	01	5	TS8	F1		37B			
05172		XA508	73		XA407	19			16B	9			TREWDP	02	TINT2A	01	3	TD4	F2		36B			
05173		XA407	19		XA425	09			16B	9			TREWDP	03	TCSD10	01	2	TQ2	B3		09B			
05174		XA425	09		XA525	22			16B	9			TREWDP	04	TREWDP	00	1	TDD	8P		04B			
05175		XA525	22		XA527	31			16B	9			TREWDP	05	TCSD2A	01	1	TD4	B1		17A			
05176		XA527	31										TREWDP	06	TCSD00	01	2	TS8	C1		15B			
05177		XA425	07		XA409	14			16B	9			TREWDQ	01	TREWDQ	00	1	TDD	BQ		03A	REWIND/NO INTERRUPT		
05178		XA409	14										TREWDQ	02	TRWS2A	01	1	TT3	B2		09A			
05179		XA527	30		XA413	76			16B	9			TREWIP	01	TCSD00	01	1	TS8	C1		15A			
05180		XA413	76		XA407	17			16B	9			TREWIP	02	TREWIP	00	1	TDD	LP		37A			
05181		XA407	17										TREWIP	03	TCSD10	01	1	TQ2	B3		08B			
03308		XA449	20		XA545	67			16B	9			TREW1DR	00				EXT					D01	
08283		XA545	67										TREW1DR	01				DCF						
03307		XA449	19		XA547	53			16B	9			TREW1DX4	00				EXT					D01	
05182		XA547	53		XA545	65			16B	9			TREW1DX4	01				RR4	F4					
05183		XA545	65										TREW1DX4	02	TREW1DX400	1	1	DCF	D1		32B	REWINDING 1 RECEIV		
05184		XA537	70		XA425	11			16B	9			TREW1P	01	TRW190	01	2	TQ2	E1		33A			
05185		XA425	11										TREW1P	02	TREW1P	00	1	TDD	AP		05B			
05186		XA523	70		XA425	13			16B	9			TREW1Q	01	TRW10A	01	2	TQ2	E1		33A			
05187		XA425	13										TREW1Q	02	TREW1Q	00	1	TDD	AQ		06B	REWINDING 1 REMEMB		
05188		XA422	29		XA522	10			16B	9			TREW1OX	01	TXDB31X	01	5	MUX	B1		13B			
05189		XA522	10		XA523	11			16B	9			TREW1OX	02	URW1CA	01	2	TQ2	A1		07A		D01	
05444		XA523	11		XA545	69			16B	9			TREW1OX	021	TRWOCA	01	1	TQ2	A4		05B		D01	
05190		XA545	69										TREW1OX	03	TREW1OX	00	1	DCF	D2		33B			

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DRAWING NUMBER
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149016-800 STRING
CARD CAGE ASSY, A, IFCU

UNIT ASSEMBLY NO. 149016
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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	SN PC	PREFIX	CONNECTOR	PIN	SN PC	MULTI GROUP	CODE	COLOR	IDENT										
05193		XA414	76			XA537	64						TREW2P	01	TREW2P	00	1	TDD	LP	37A		
05194		XA537	64										TREW2P	02	TRW290	01	2	TQ2	E2	30A		
05195		XA523	64			XA414	78						TREW2Q	01	TRW20A	01	2	TQ2	E2	30A		
05196		XA414	78										TREW2Q	02	TREW2Q	00	1	TDD	LQ	38A	REWINDING 2 REMEMB	
05197		XA425	05			XA426	14			16B	9		TREW20	01	TREWDI	01	1	TDD	B1	03B		
05198		XA426	14			XA536	55			16B	9		TREW20	02	TREW20	00	1	TQ2	B2	09A		
05199		XA536	55			XA536	61			16B	9		TREW20	03	TRW39A	01	2	TQ2	E3	29B		
05200		XA536	61			XA536	64			16B	9		TREW20	04	TRW49A	01	2	TQ2	E4	32B		
05201		XA536	64			XA536	70			16B	9		TREW20	05	TRW29A	01	2	TQ2	E2	30A		
05202		XA536	70							16B	9		TREW20	06	TRW19A	01	2	TQ2	E1	33A		
05206		XA439	57			XA542	24			16B	9		TREW3A	01	TREW3A	00	1	TQ2	E3	30B		
05207		XA542	24							16B	9		TREW3A	02	TSPNSI	01	1	TDD	CI	13A		
05210		XA415	76			XA537	55			16B	9		TREW3P	01	TREW3P	00	1	TDD	LP	37A		
05211		XA537	55							16B	9		TREW3P	02	TRW390	01	2	TQ2	E3	29B		
05212		XA523	55			XA415	78			16B	9		TREW3Q	01	TRW30A	01	2	TQ2	E3	29B		
05213		XA415	78							16B	9		TREW3Q	02	TREW3Q	00	1	TDD	LQ	38A	REWINDING 3 REMEMB	
05214		XA429	57			XA439	53			16B	9		TREW30	01	TREW30	00	1	TD4	E2	30B		
05215		XA439	53							16B	9		TREW30	02	TREW3A	01	1	TQ2	E3	28B		
05221		XA537	61			XA416	76			16B	9		TREW4P	01	TRW490	01	2	TQ2	E4	32B		
05222		XA416	76							16B	9		TREW4P	02	TREW4P	00	1	TDD	LP	37A		
05223		XA523	61			XA416	78			16B	9		TREW4Q	01	TRW40A	01	2	TQ2	E4	32B		
05224		XA416	78							16B	9		TREW4Q	02	TREW4Q	00	1	TDD	LQ	38A	REWINDING 4 REMEMB	
05228		XA502	47			XA511	04			16B	9		TRMROA	01	TRMROA	00	1	TS8	D1	25B	INPUT REQUEST TO B	
05229		XA511	04							16B	9		TRMROA	02	TMO0S0	01	1	TQ2	A2	04A		
05230		XA519	76			XA519	77			16B	9		TRRCOA	01	TRCP70	01	1	TQ2	F4	37A		
05231		XA519	77			XA519	71			16B	9		TRRCOA	02	TRCP40	01	1	TQ2	F1	38B		
05232		XA519	71			XA519	65			16B	9		TRRCOA	03	TRCP50	01	1	TQ2	F2	36A		
05233		XA519	65			XA519	68			16B	9		TRRCOA	04	TRCP60	01	1	TQ2	F3	34B		
05234		XA519	68			XA519	62			16B	9		TRRCOA	05	TRCP00	01	1	TQ2	E1	32A		
05235		XA519	62			XA521	59			16B	9		TRRCOA	06	TRCP10	01	1	TQ2	E2	29A		
05236		XA521	59			XA519	59			16B	9		TRRCOA	07	TRRCOA	00	1	TS8	E1	31B	TRANSFER BUFFER TO	
05237		XA519	59			XA519	53			16B	9		TRRCOA	08	TRCP30	01	1	TQ2	E4	31B		
05238		XA519	53							16B	9		TRRCOA	09	TRCP20	01	1	TQ2	E3	28B		
05239		XA530	75			XA530	66			16B	9		TRRSOA	01	TRO2BP	01	1	TDD	LP	37B		
05240		XA530	66			XA531	06			16B	9		TRRSOA	02	TRO0BP	01	1	TDD	JP	31A		
05241		XA531	06			XA531	22			16B	9		TRRSOA	03	TRO4BP	01	1	TDD	AP	05A		
05242		XA531	22			XA516	22			16B	9		TRRSOA	04	TRO6BP	01	1	TDD	CP	12A		
												****	SIGNAL	TRRSOA	IS ON THE NEXT PAGE			****				

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 DRAWING NUMBER
 UNIT ASSEMBLY NAME

149016-800
 CARD CAGE ASSY, A, IFCU
 STRING

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 T39C1FC6

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RECORD NUMBER	FROM				TO				WIRE				SIGNAL	SEG NO	EQUATION	TERM	FACTOR	CKT OR CHIP TYPE	GNDP	LOAD OR POWER PLANE	TEST POINTS AND OR	SIGNAL DESCRIPTION	ECG NO
	PREFIX	CONNECTOR	PIN	DPTC	PREFIX	CONNECTOR	PIN	DPTC	MULTI GROUP	CODE	COLOR	IDENT											
05456 05457	XA536 XA537	66 68			XA537	68			16B	9			TRW19A TRW19A	01 02	TRW19A TRW190	00 01	1 1	TQ2 TQ2	E1 E1		31A 32A		
05458 05459	XA425 XA537	08 66			XA537	66			16B	9			TRW190 TRW190	01 02	TREW17 TRW190	01 00	1 1	TDD TQ2	A1 E1		06A 31A		
05462 05463	XA523 XA525	60 52			XA525	52			16B	9			TRW20A TRW20A	01 02	TRW20A TRW140	00 01	1 2	TQ2 TQ4	E2 D1		28A 24A		
05464 05465	XA414 XA522	75 60			XA522	60			16B	9			TRW22A TRW22A	01 02	TREW2P TRW22A	01 00	1 1	TDD TQ2	1P E2		37B 28A		
05466 05467	XA536 XA537	60 62			XA537	62			16B	9			TRW29A TRW29A	01 02	TRW29A TRW290	00 01	1 1	TQ2 TQ2	E2 E2		28A 29A		
05468 05469	XA414 XA537	77 60			XA537	60			16B	9			TRW290 TRW290	01 02	TREW2I TRW290	01 00	1 1	TDD TQ2	1I E2		38B 28A		
05472 05473	XA525 XA523	54 57			XA523	57			16B	9			TRW30A TRW30A	01 02	TRW140 TRW30A	01 00	3 1	TQ4 TQ2	D1 E3		25A 30B		
05474 05475	XA415 XA522	75 57			XA522	57			16B	9			TRW32A TRW32A	01 02	TREW3P TRW32A	01 00	1 1	TDD TQ2	1P E3		37B 30B		
05476 05477	XA536 XA537	57 53			XA537	53			16B	9			TRW39A TRW39A	01 02	TRW39A TRW390	00 01	1 1	TQ2 TQ2	E3 E3		30B 26B		
05478 05479	XA415 XA537	77 57			XA537	57			16B	9			TRW390 TRW390	01 02	TREW3I TRW390	01 00	1 1	TDD TQ2	1I E3		38B 30B		
05482 05483	XA525 XA523	56 63			XA523	63			16B	9			TRW40A TRW40A	01 02	TRW140 TRW40A	01 00	4 1	TQ4 TQ2	D1 E4		26A 33B		
05484 05485	XA416 XA522	75 63			XA522	63			16B	9			TRW42A TRW42A	01 02	TREW4P TRW42A	01 00	1 1	TDD TQ2	1P E4		37B 33B		
05486 05487	XA536 XA537	63 59			XA537	59			16B	9			TRW49A TRW49A	01 02	TRW49A TRW490	00 01	1 1	TQ2 TQ2	E4 E4		33B 31B		
05488 05489	XA416 XA537	77 63			XA537	63			16B	9			TRW490 TRW490	01 02	TREW4I TRW490	01 00	1 1	TDD TQ2	1I E4		38B 33B		
05490 05491 05492	XA421 XA421 XA530	03 69 61			XA421 XA530	69 61			16B 16B	9 9			TRO0BQ TRO0BQ TRO0BQ	01 02 03	TX0B0IX TWO1DIA TRO0BQ	01 01 00	1 1 1	MUX MUX TDD	A1 E1 JQ		02B 32A 32B		OUTPUT DATA REG B1
05493 05494	XA528 XA536	15 06			XA536	06			16B	9			TRO0CA TRO0CA	01 02	TDO0BQ TRO0CA	01 00	1 1	TDD TQ2	AQ A1		07B 05A		
05495	XA421	19			XA421	75			16B	9			TRO1BQ	01	TXDB11X	01	1	MUX	B1		09B		
											****	SIGNAL	(TRO1BQ)		IS ON THE	NEXT PAGE	****						

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DRAWING NUMBER
UNIT ASSEMBLY NAME

149016-800
CARD CAGE ASSY, A, IFCU

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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	SN FC	PREFIX	CONNECTOR	PIN	SN FC	MULTI GROUP	CODE	COLOR											
05568 05569		XA529 XA536	17 51		XA536	51				16B	9		TR15CA TR15CA	01 02	TD15BQ TR15CA	01 00	1 1	TDD TQ2	DQ D4	08B 27B		
05570 05571 05572		XA421 XA422 XA532	09 69 13		XA422 XA532	69 13				16B	9		TR16BQ TR16BQ TR16BQ	01 02 03	TXDB01X TWO2DTA TR16BQ	01 01 00	4 1 1	MUX MUX TDD	A1 E1 A0	05B 32A 06B		OUTPUT DATA REG BT
05573 05574		XA529 XA537	39 06		XA537	06				16B	9		TR16CA TR16CA	01 02	TD16BQ TR16CA	01 00	1 1	TDD TQ2	EQ A1	19B 05A		
05575 05576 05577		XA421 XA422 XA532	25 75 07		XA422 XA532	75 07				16B	9		TR17BQ TR17BQ TR17BQ	01 02 03	TXDB11X TWO2DTB TR17BQ	01 01 00	4 1 1	MUX MUX TDD	B1 E2 BQ	12B 35B 03A		
05578 05579		XA529 XA537	29 01		XA537	01				16B	9		TR17CA TR17CA	01 02	TD17BQ TR17CA	01 00	1 1	TDD TQ2	FQ A2	14B 02B		
05580 05581 05582		XA422 XA422 XA532	09 70 25		XA422 XA532	70 25				16B	9		TR18BQ TR18BQ TR18BQ	01 02 03	TXDB21X TWO2DTC TR18BQ	01 01 00	4 1 1	MUX MUX TDD	A1 E3 CQ	05B 34A 12B		
05583 05584		XA529 XA537	51 09		XA537	09				16B	9		TR18CA TR18CA	01 02	TD18BQ TR18CA	01 00	1 1	TDD TQ2	GQ A3	27B 04B		
05585 05586 05587		XA422 XA422 XA532	25 76 19		XA422 XA532	76 19				16B	9		TR19BQ TR19BQ TR19BQ	01 02 03	TXDB31X TWO2DTD TR19BQ	01 01 00	4 1 1	MUX MUX TDD	B1 E4 DQ	12B 37A 09B		
05588 05589		XA529 XA537	41 15		XA537	15				16B	9		TR19CA TR19CA	01 02	TD19BQ TR19CA	01 00	1 1	TDD TQ2	HQ A4	22B 07B		
05590 05591 05592		XA423 XA424 XA532	09 69 37		XA424 XA532	69 37				16B	9		TR20BQ TR20BQ TR20BQ	01 02 03	TXDB41X TWO6DTA TR20BQ	01 01 00	4 1 1	MUX MUX TDD	A1 E1 EQ	05B 32A 18B		
05593 05594		XA529 XA537	63 22		XA537	22				16B	9		TR20CA TR20CA	01 02	TD20BQ TR20CA	01 00	1 1	TDD TQ2	JQ B1	33B 12A		
05595 05596 05597		XA423 XA424 XA532	25 75 31		XA424 XA532	75 31				16B	9		TR21BQ TR21BQ TR21BQ	01 02 03	TXDB51X TWO6DTB TR21BQ	01 01 00	4 1 1	MUX MUX TDD	B1 E2 FQ	12B 35B 15B		
05598 05599		XA529 XA537	53 14		XA537	14				16B	9		TR21CA TR21CA	01 02	TD21BQ TR21CA	01 00	1 1	TDD TQ2	KQ B2	28B 09A		
05600 05601 05602		XA424 XA424 XA532	09 70 49		XA424 XA532	70 49				16B	9		TR22BQ TR22BQ TR22BQ	01 02 03	TXDB61X TWO6DTC TR22BQ	01 01 00	4 1 1	MUX MUX TDD	A1 E3 GQ	05B 34A 26B		

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149016-800
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RECORD NUMBER	FROM				TO				WIRE				SIGNAL	SEQ NO	EQUATION	TERM	FACT	CMT OR CHIP TYPE	GROUP	LOAD OR LOWER PLANE	TEST POINTS AND/OR	SIGNAL DESCRIPTION	ECO NO
	PREFIX	CONNECTOR	PIN	PIN	PREFIX	CONNECTOR	PIN	PIN	MULTI GROUP	CODE	COLOR	IDENT											
05603		XA537	21		XA529	80				16B	9		TR22CA	01	TR22CA	00	1	TQ2	B3		10B		
05604		XA529	80										TR22CA	02	TD22BQ	01	1	TDD	LQ		39A		
05605		XA424	25		XA424	76				16B	9		TR23BQ	01	TXDB71X	01	4	MUX	B1		12B		
05606		XA424	76		XA532	43				16B	9		TR23BQ	02	TW06D7D	01	1	MUX	E4		37A		
05607		XA532	43										TR23BQ	03	TR23BQ	00	1	TDD	HQ		23B	OUTPUT DATA REG B1	
05608		XA529	65		XA537	27				16B	9		TR23CA	01	TD23BQ	01	1	TDD	MQ		34B		
05609		XA537	27										TR23CA	02	TR23CA	00	1	TQ2	B4		13B		
05610		XA421	05		XA422	71				16B	9		TR24BQ	01	TXDB01X	01	2	MUX	A1		03B		
05611		XA422	71		XA532	61				16B	9		TR24BQ	02	TW02D7A	01	2	MUX	E1		33B		
05612		XA532	61										TR24BQ	03	TR24BQ	00	1	TDD	JQ		32B	OUTPUT DATA REG B1	
05613		XA537	38		XA530	15				16B	9		TR24CA	01	TR24CA	00	1	TQ2	C1		18A		
05614		XA530	15										TR24CA	02	TD24BQ	01	1	TDD	AQ		07B		
05615		XA421	21		XA422	77				16B	9		TR25BQ	01	TXDB11X	01	2	MUX	B1		10B		
05616		XA422	77		XA532	55				16B	9		TR25BQ	02	TW02D7B	01	2	MUX	E2		36B		
05617		XA532	55										TR25BQ	03	TR25BQ	00	1	TDD	KQ		29B		
05618		XA530	03		XA537	30				16B	9		TR25CA	01	TD25BQ	01	1	TDD	BQ		02A		
05619		XA537	30										TR25CA	02	TR25CA	00	1	TQ2	C2		15A		
05620		XA422	05		XA422	72				16B	9		TR26BQ	01	TXDB21X	01	2	MUX	A1		03B		
05621		XA422	72		XA532	78				16B	9		TR26BQ	02	TW02D7C	01	2	MUX	E3		35A		
05622		XA532	78										TR26BQ	03	TR26BQ	00	1	TDD	LQ		38A		
05623		XA537	33		XA530	27				16B	9		TR26CA	01	TR26CA	00	1	TQ2	C3		16B		
05624		XA530	27										TR26CA	02	TD26BQ	01	1	TDD	CQ		13B		
05625		XA422	21		XA422	78				16B	9		TR27BQ	01	TXDB31X	01	2	MUX	B1		10B		
05626		XA422	78		XA532	74				16B	9		TR27BQ	02	TW02D7D	01	2	MUX	E4		38A		
05627		XA532	74										TR27BQ	03	TR27BQ	00	1	TDD	MQ		35B		
05628		XA530	17		XA537	39				16B	9		TR27CA	01	TD27BQ	01	1	TDD	DQ		08B		
05629		XA537	39										TR27CA	02	TR27CA	00	1	TQ2	C4		19B		
05630		XA423	05		XA424	71				16B	9		TR28BQ	01	TXDB41X	01	2	MUX	A1		03B		
05631		XA424	71		XA533	13				16B	9		TR28BQ	02	TW06D7A	01	2	MUX	E1		33B		
05632		XA533	13										TR28BQ	03	TR28BQ	00	1	TDD	AQ		06B		
05633		XA537	52		XA530	39				16B	9		TR28CA	01	TR28CA	00	1	TQ2	D1		24A		
05634		XA530	39										TR28CA	02	TD28BQ	01	1	TDD	EQ		19B		
05635		XA423	21		XA424	77				16B	9		TR29BQ	01	TXDB51X	01	2	MUX	B1		10B		
05636		XA424	77		XA533	07				16B	9		TR29BQ	02	TW06D7B	01	2	MUX	E2		36B		
05637		XA533	07										TR29BQ	03	TR29BQ	00	1	TDD	BQ		03A		

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	PREFIX	CONNECTOR	PIN	WIRE	PREFIX	CONNECTOR	PIN	WIRE	MULTI GROUP	CODE	COLOR	IDENT											
05638		XA537	46			XA530	29			16B	9		TR29CA	01	TR29CA	00	1	TQ2	D2		21A		
05639		XA530	29										TR29CA	02	TD29BQ	01	1	TDD	FQ		14B		
05640		XA424	05			XA424	72			16B	9		TR308Q	01	TXDB61X	01	2	MUX	A1		03B		
05641		XA424	72			XA533	25			16B	9		TR308Q	02	TW060TC	01	2	MUX	E3		35A		
05642		XA533	25										TR308Q	03	TR308Q	00	1	TDD	CQ		12B		
05643		XA530	51			XA537	45			16B	9		TR30CA	01	TD30BQ	01	1	TDD	GQ		27B		
05644		XA537	45										TR30CA	02	TR30CA	00	1	TQ2	D3		24B		
05645		XA424	21			XA424	78			16B	9		TR31BQ	01	TXDB71X	01	2	MUX	B1		10B		
05646		XA424	78			XA533	19			16B	9		TR31BQ	02	TW060TD	01	2	MUX	E4		38A		
05647		XA533	19										TR31BQ	03	TR31BQ	00	1	TDD	DQ		09B	OUTPUT DATA REG B1	
05648		XA537	51			XA530	41			16B	9		TR31CA	01	TR31CA	00	1	TQ2	D4		27B		
05649		XA530	41										TR31CA	02	TD31BQ	01	1	TDD	HQ		22B		
05650		XA503	47			XA424	17			16B	9		TSBZY0	01	TSBZY0	00	1	TS8	D1		25B	CONTROLLER BUSY	
05651		XA424	17										TSBZY0	02	TX0861X	01	8	MUX	A1		08B		
05652		XA509	63			XA503	71			16B	9		TSCI1A	01	TSCI1A	00	1	TT3	E3		33B		
05653		XA503	71										TSCI1A	02	TINT10	01	1	TS8	F1		36A		
05684		XA510	48			XA509	56			16B	9		TSCK1B	31	TWR16A	01	3	TT3	D2		22A		
05685		XA509	56			XA512	61			16B	9		TSCK1B	32	TLAD2A	01	3	TT3	D1		28A		
05686		XA512	61			XA511	64			16B	9		TSCK1B	33	TLCC3A	01	2	TQ2	E4		32B		
05687		XA511	64			XA509	79			16B	9		TSCK1B	34	TWR15A	01	2	TQ2	E2		30A		
05688		XA509	79			XA506	74			16B	9		TSCK1B	35	TLAD0A	01	3	TT3	F1		35B		
05689		XA506	74			XA504	75			16B	9		TSCK1B	36	TRE01A	01	2	TQ2	F3		35B		
05690		XA504	75			XA504	64			16B	9		TSCK1B	37	TRE00A	01	5	TS8	F1		37B		
05691		XA504	64			XA505	37			16B	9		TSCK1B	38	TWR11A	01	5	TS8	F1		30A		
05692		XA505	37			XA505	20			16B	9		TSCK1B	39	TLAQ3A	01	2	TQ2	C4		18B		
05693		XA505	20			XA506	20			16B	9		TSCK1B	40	TSNC3A	01	2	TQ2	B2		11A		
05694		XA506	20			XA508	26			16B	9		TSCK1B	41	TSNC2A	01	2	TQ2	B2		17A		
05695		XA508	26			XA510	26			16B	9		TSCK1B	42	TNSG2A	01	4	TD4	B1		14A		
05696		XA510	26			XA510	13			16B	9		TSCK1B	43	TNSG4A	01	3	TT3	A1		14A		
05697		XA510	13			XA513	10			16B	9		TSCK1B	44	TWRQ4A	01	3	TT3	A3		06B		
05699		XA513	10			XA514	10			16B	9		TSCK1B	46	TWRQ1N	01	1	TDD	AN		07A	D01	
05700		XA514	10			XA409	61			16B	9		TSCK1B	47	TWRQ0N	01	1	TDD	AN		07A	D01	
05704		XA409	61			XA409	49			16B	9		TSCK1B	51	TSTP6A	01	3	TT3	E3		32B		
05705		XA409	49			XA409	48			16B	9		TSCK1B	52	TFST4A	01	3	TT3	D3		26B		
05706		XA409	48			XA410	50			16B	9		TSCK1B	53	TEST2A	01	3	TT3	D2		22A		
05707		XA410	50			XA411	39			16B	9		TSCK1B	54	TSTR6A	01	4	TD4	D2		23A		
05708		XA411	39			XA410	36			16B	9	P	TSCK1B	55	TSCK1B	01	4	TQ2	C4		19B		
05709		XA410	36			XA411	33			16B	9	P	TSCK1B	56	TSTR4A	01	4	TD4	C2		17A		
05710		XA411	33			XA411	38			16B	9	P	TSCK1B	57	TSCK1B	01	3	TQ2	C3		16B		
05711		XA411	38			XA411	30			16B	9	P	TSCK1B	58	TSCK1B	01	1	TQ2	C1		18A	PHASE 1 OF 2 PHASE	
05712		XA411	30			XA410	26			16B	9	P	TSCK1B	59	TSCK1B	01	2	TQ2	C2		15A		
										****	SIGNAL	TSCK1B	IS ON THE NEXT PAGE			****							

H78-14 604
 DRAWING NUMBER
 UNIT ASSEMBLY NAME

149016-800 STRING
 CARD CAGE ASSY, A, IFCU

UNIT ASSEMBLY NO. 149016
 FILE IDENT T39C1FC6

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TSC13B
 252

RECORD NUMBER	FROM				TO				WIRE				SFC INST. MISC.	SIGNAL	SEQ NO	EQUATION	TERM	FACTOR	CKT OR CHIP TYPE	GROUP	LOAD OR POWER PLANE	TEST POINTS AND/OR	SIGNAL DESCRIPTION	ECO NO	
	PREFIX	CONNECTOR	PIN	INFO	PREFIX	CONNECTOR	PIN	INFO	MULTI-GROUP	CODE	COLOR	IDENT													
05734		XA515	50		XA515	64				168	9		TSC13B	17	TND1A	01	4	TD4	D2		23A				
05735		XA515	64		XA515	74				168	9		TSC13B	18	TMCPOA	01	4	TD4	E2			30A			
05736		XA515	74		XA516	74				168	9		TSC13B	19	TLCC2A	01	4	TD4	F2			35B			
05737		XA516	74		XA515	79				168	9		TSC13B	20	TWRG1A	01	2	TQ2	F3			35B			
05738		XA515	79		XA510	79				168	9		TSC13B	21	TREN1A	01	4	TD4	F1			39B			
05739		XA510	79		XA509	78				168	9		TSC13B	22	TCRSCA	01	3	TT3	F1			39B			
05740		XA509	78		XA509	70				168	9		TSC13B	23	TNSGMA	01	3	TT3	F3			38A			
05741		XA509	70		XA508	70				168	9		TSC13B	24	WINT7A	01	3	TT3	E1			33A	D01		
05742		XA508	70		XA507	68				168	9		TSC13B	25	TWR12A	01	4	TD4	E1			33A			
05743		XA507	68		XA509	61				168	9		TSC13B	26	TREQ4A	01	7	TS8	E1			32A			
05744		XA509	61		XA509	62				168	9		TSC13B	27	TSC11A	01	3	TT3	E3			32B			
05745		XA509	62		XA508	48				168	9		TSC13B	28	TINT9A	01	3	TT3	E2			29A			
05746		XA508	48		XA507	37				168	9		TSC13B	29	TNSG1A	01	3	TD4	D2			22A			
05747		XA507	37		XA506	37				168	9		TSC13B	30	TWRQ0A	01	5	TS8	C1			18B			
05748		XA506	37		XA504	40				168	9		TSC13B	31	TLAD1A	01	2	TQ2	C4			18B			
05749		XA504	40		XA503	37				168	9		TSC13B	32	TRTD2A	01	7	TS8	C1			19A			
05750		XA503	37		XA502	37				168	9		TSC13B	33	TRTDPA	01	5	TS8	C1			18B			
05751		XA502	37		XA502	54				168	9		TSC13B	34	TNSGOA	01	5	TS8	C1			18B			
05752		XA502	54		XA411	80				168	9		TSC13B	35	TRMROA	01	7	TS8	D1			25A			
05797		XA411	80		XA411	72				168	9	P	TSCS30	36	TSC13B	01	4	TQ2	F4			39A			
05798		XA411	72		XA411	69				168	9	P	TSCQ30	37	TSC13B	01	2	TQ2	F2			34A			
05799		XA411	69		XA411	75				168	9	P	TSCR30	38	TSC13B	01	3	TQ2	F3			35A			
05800		XA411	75									P	TSCP30	39	TSC13B	01	1	TQ2	F1			37B			
05801		XA411	60									J	TSC130	01	TSC130	00	1	TQ2	E2			28A	TSCK3B	BUSS	
05802		XA411	33									J	TSCM10	01	TSCM10	00	1	TQ2	C3			16B	TSCK1B	BUSS	
05803		XA411	57									J	TSCM30	01	TSCM30	00	1	TQ2	E3			30B	TSCK3B	BUSS	
05804		XA411	39									J	TSCN10	01	TSCN10	00	1	TQ2	C4			19B	TSCK1B	BUSS	
05805		XA411	63									J	TSCN30	01	TSCN30	00	1	TQ2	E4			33B	TSCK3B	BUSS	
05806		XA411	52									J	TSCP10	01	TSCP10	00	1	TQ2	01			24A	TSC11B	BUSS	
05807		XA411	75									J	TSCP30	01	TSCP30	00	1	TQ2	F1			37B	TSC13B	BUSS	
05808		XA411	46									J	TSCQ10	01	TSCQ10	00	1	TQ2	D2			21A	TSC11B	BUSS	
05809		XA411	72									J	TSCQ30	01	TSCQ30	00	1	TQ2	F2			34A	TSC13B	BUSS	
05810		XA411	45									J	TSCR10	01	TSCR10	00	1	TQ2	D3			24B	TSC11B	BUSS	
05811		XA411	69									J	TSCR30	01	TSCR30	00	1	TQ2	F3			35A	TSC13B	BUSS	
05812		XA411	51									J	TSCS10	01	TSCS10	00	1	TQ2	D4			27B	TSC11B	BUSS	
05813		XA411	80									J	TSCS30	01	TSCS30	00	1	TQ2	F4			39A	TSC13B	BUSS	
													****	SIGNAL	ITSNCOA			IS ON THE	NEXT PAGE	****					

H78-14 606
DRAWING NUMBER
UNIT ASSEMBLY NAME

149016-800 STRING
CARD CAGE ASSY, A, IFCU

UNIT ASSEMBLY NO. 149016
FILE IDENT T39C1FC6

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TSNC3A
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RECORD NUMBER	FROM				TO				WIRE				SIGNAL	SEQ NO	EQUATION	TERM	FACTOR	CKT OR CHIP TYPE	GROUP	LOAD OR POWER PLANE	TEST POINTS (AND/OR)	SIGNAL DESCRIPTION	ECO NO
	PREFIX	CONNECTOR	PIN	SH FC	PREFIX	CONNECTOR	PIN	SH FC	MULTI GROUP	CODE	COLOR	IDENT											
05852		XA506	19										TSNC3A	02	TSNC2R	01	2	TQ2	B3		09B		
05853		XA425	23		XA527	34			16B	9			TSPACP	01	TSPACP	00	1	TDD	CP		11B		
05854		XA527	34		XA515	04			16B	9			TSPACP	02	TCSD00	01	3	TS8	C1		16A		
05855		XA515	04		XA508	06			16B	9			TSPACP	03	TLRCCO	01	2	TD4	A2		04A		
05856		XA508	06		XA505	56			16B	9			TSPACP	04	TNSGDO	01	1	TD4	A1		05A		
05857		XA505	56										TSPACP	05	TNSGKO	01	2	TQ2	01		26A		
05858		XA425	25		XA409	66			16B	9			TSPACQ	01	TSPACQ	00	1	TDD	C0		12B	SPACE FOR/REV COMM	
05859		XA409	66		XA510	14			16B	9			TSPACQ	02	TNDA3A	01	1	TT3	E1		31A		
05860		XA510	14										TSPACQ	03	TNSGCA	01	1	TT3	B2		09A		
05861		XA505	54		XA508	08			16B	9			TSPAFP	01	TNSGKO	01	1	TQ2	D1		25A		
05862		XA508	08		XA515	07			16B	9			TSPAFP	02	TNSGDO	01	2	TD4	A1		06A		
05863		XA515	07		XA527	40			16B	9			TSPAFP	03	TLRCCO	01	4	TD4	A2		03A		
05864		XA527	40		XA425	21			16B	9			TSPAFP	04	TCSD00	01	7	TS8	C1		19A		
05865		XA425	21										TSPAFP	05	TSPAFP	00	1	TDD	DP		10B		
05866		XA425	19		XA508	01			16B	9			TSPAFO	01	TSPAFO	00	1	TDD	D0		09B	SPACE FILE FOR COM	
05867		XA508	01										TSPAFO	02	TNSGEA	01	1	TD4	A2		02B		
05868		XA426	46		XA425	24			16B	9			TSPA10	01	TSPA10	00	1	TQ2	02		21A		
05869		XA425	24										TSPA10	02	TSPACI	01	1	TDD	CI		13A		
05870		XA425	18		XA426	38			16B	9			TSPA20	01	TSPAFI	01	1	TDD	DI		10A		
05871		XA426	38										TSPA20	02	TSPA20	00	1	TQ2	C1		18A		
03261		XA550	48		XA543	67			16B	9			TSPDCDR	01				EXT				B04	
08480		XA543	67										TSPDCDR	02				TLD					
03260		XA550	47		XA543	75			16B	9			TSPDCD4	00				EXT				B04	
05872		XA543	75		XA544	52			16B	9			TSPDCD4	01	TSPDCD4	00	1	TLD	E1		37B	SPEED DRIVER	
05873		XA544	52										TSPDCD4	02				RR4	E1				
05874		XA407	36		XA406	46			16B	9			TSPI0A	01	TSPNIS	01	2	TQ2	C2		17A		
05875		XA406	46										TSPI0A	02	TSPI0A	00	1	TQ2	D2		21A		
05876		XA406	36		XA407	51			16B	9			TSPI1A	01	TSPNIR	01	2	TQ2	C2		17A		
05877		XA407	51										TSPI1A	02	TSPI1A	00	1	TQ2	D4		27B		
05879		XA540	21		XA519	25			16B	9			TSPNIR	02	TDSC2ER	01	2	EOR	B2		11B		
05880		XA519	25		XA407	34			16B	9			TSPNIR	03	TRUNCA	01	2	TQ2	B4		12B		
05881		XA407	34		XA406	30			16B	9			TSPNIR	04	TSPNIS	01	1	TQ2	C2		16A		
05882		XA406	30										TSPNIR	05	TSPNIR	00	1	TQ2	C2		15A		
05878		XA543	77		XA516	76			16B	9			TSPNIS	005	TSPDCD4	01	1	TLD	E1		38B	B02	
05883		XA516	76		XA518	65			16B	9			TSPNIS	01	TRENOA	01	1	TQ2	F4		37A		
05884		XA518	65		XA508	24			16B	9			TSPNIS	02	TREN2A	01	1	TT3	E2		34B	D01	
05885		XA508	24		XA407	30			16B	9			TSPNIS	03	TNSG2A	01	2	TD4	B1		13A	001	
05886		XA407	30		XA406	34			16B	9			TSPNIS	04	TSPNIS	00	1	TQ2	C2		15A	OLD SPEED F/E (7.5	
												****	SIGNAL	TSPNIS		IS ON THE	NEXT PAGE	****					

H78-14 607
 DRAWING NUMBER
 UNIT ASSEMBLY NAME

149016-800
 CARD CAGE ASSY, A, IFCU

STRING
 UNIT ASSEMBLY NO. 149016
 FILE IDENT T39CIFC6

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RECORD NUMBER	FROM				TO				WIRE				SIGNAL	SEQ NO	EQUATION	TERM	FACTOR	CKT OR CHIP TYPE	GROUP	LOAD OR POWER PLANE	TEST POINTS AND OR	SIGNAL DESCRIPTION	ECO NO
	PREFIX	CONNECTOR	PIN	SH PC	PREFIX	CONNECTOR	PIN	SH PC	MULTI GROUP	CODE	COLOR	IDENT											
05887		XA406	34		XA408	65				16B	9		TSPNIS	05	TSPNIR	01	1	TQ2	C2		16A		
01210		XA408	65		XA408	78				16B	9		TSPNIS	06	TSTP9A	01	1	TQ2	F3		34B		B02
01209		XA408	78										TSPNIS	07	TSTR5A	01	2	TQ2	F4		38A		D04
05888		XA542	23		XA407	47				16B	9		TSPNSP	01	TSPNSP	00	1	TDD	CP		11B		
05889		XA407	47										TSPNSP	02	TSP11A	01	1	TQ2	D4		29B		
05890		XA503	18		XA406	48				16B	9		TSPNSQ	01	TNDA2A	01	2	TS8	B1		10A		
05891		XA406	48		XA540	23				16B	9		TSPNSQ	02	TSP10A	01	1	TQ2	D2		22A		D02
05893		XA540	23		XA542	25				16B	9		TSPNSQ	04	TDSC2ER	01	1	EDR	B2		12B		
05894		XA542	25										TSPNSQ	05	TSPNSQ	00	1	TDD	C0		12B		NEW SPEED
05895		XA526	22		XA526	20				16B	9		TSR50A	01	TS30BP	01	1	TDD	CP		12A		
05896		XA526	20		XA526	06				16B	9		TSR50A	02	TS31BP	01	1	TDD	DP		11A		
05897		XA526	06		XA526	04				16B	9		TSR50A	03	TS14BP	01	1	TDD	AP		09A		
05898		XA526	04		XA406	33				16B	9		TSR50A	04	TS23BP	01	1	TDD	BP		04A		
05899		XA406	33										TSR50A	05	TSR50A	00	1	TQ2	C3		16B		
05900		XA409	39		XA407	29				16B	9		TSR500	01	TSR500	00	1	TT3	C3		19B		
05901		XA407	29		XA406	29				16B	9		TSR500	02	TSR51A	01	1	TQ2	C3		14B		
05902		XA406	29										TSR500	03	TSR50A	01	1	TQ2	C3		14B		
05903		XA526	52		XA526	50				16B	9		TSR51A	01	TS30CP	01	1	TDD	GP		24A		
05904		XA526	50		XA526	38				16B	9		TSR51A	02	TS31CP	01	1	TDD	HP		23A		
05905		XA526	38		XA526	36				16B	9		TSR51A	03	TS26CP	01	1	TDD	EP		18A		
05906		XA526	36		XA407	33				16B	9		TSR51A	04	TS29CP	01	1	TDD	FP		17A		
05907		XA407	33										TSR51A	05	TSR51A	00	1	TQ2	C3		16B		
05908		XA418	01		XA407	60				16B	9		TSTPRA	01	TCR500	01	1	TS8	A1		02B		
05909		XA407	60										TSTPRA	02	TSTPRA	00	1	TQ2	E2		28A		
05910		XA418	75		XA525	18				16B	9		TSTPOR	01	TE010A	01	5	TS8	E1		37B		
05911		XA525	18		XA525	38				16B	9		TSTPOR	02	TE011A	01	2	TD4	B2		10A		
05912		XA525	38		XA510	36				16B	9		TSTPOR	03	TB011A	01	2	TD4	C1		18A		
05913		XA510	36		XA509	13				16B	9		TSTPOR	04	TSTPOR	00	1	TT3	C1		17A		
05914		XA509	13		XA410	61				16B	9		TSTPOR	05	TSTRRA	01	3	TT3	A3		06B		
05915		XA410	61		XA409	29				16B	9		TSTPOR	06	TSTPOS	01	1	TD4	E1		32B		
05916		XA409	29		XA409	26				16B	9		TSTPOR	07	TSTRCO	01	1	TT3	C2		14B		
05917		XA409	26		XA410	24				16B	9		TSTPOR	08	TSTR1R	01	3	TT3	B1		14A		
05918		XA410	24										TSTPOR	09	TSTR2A	01	2	TD4	B1		13A		
05919		XA407	62		XA408	64				16B	9		TSTPOS	01	TSTPRA	01	1	TQ2	E2		29A		
05920		XA408	64		XA409	57				16B	9		TSTPOS	02	TSTP1R	01	2	TQ2	E2		30A		
05921		XA409	57		XA410	59				16B	9		TSTPOS	03	TSTP6A	01	1	TT3	E3		30B		
05922		XA410	59		XA510	38				16B	9		TSTPOS	04	TSTPOS	00	1	TD4	E1		31B		STOP DELAY BIT 0
05923		XA510	38										TSTPOS	05	TSTPOR	01	1	TT3	C1		18A		
05924		XA510	40		XA408	66				16B	9		TSTP1A	01	TSTPOR	01	2	TT3	C1		19A		
05925		XA408	66										TSTP1A	02	TSTP1A	00	1	TQ2	E1		31A		
												****	SIGNAL	TSTP1R	IS ON THE NEXT PAGE				****				

H78-14 608
DRAWING NUMBER
UNIT ASSEMBLY NAME

149016-800 STRING
CARD CAGE ASSY, A, IFCU

UNIT ASSEMBLY NO. 149016
FILE IDENT T39C1FC6

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TSTP1R
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RECORD NUMBER	FROM				TO				WIRE				SIGNAL	SEQ NO	EQUATION	TERM FACTOR	CXT OR CHIP TYPE	GROUP	LOAD OR LOWER PLANE	TEST POINTS AND/OR	SIGNAL DESCRIPTION	ECO NO	
	PREFIX	CONNECTOR	PIN	WIRE NO	PREFIX	CONNECTOR	PIN	WIRE NO	MULTI GROUP	CODE	COLOR	IDENT											
05926		XA418	77			XA407	68			16B	9		TSTP1R	01	TFSTOA	01	6	TS8	F1	38B			
05927		XA407	68			XA407	64			16B	9		TSTP1R	02	TSTP1S	01	1	TQ2	E1	32A			
05928		XA407	64			XA408	60			16B	9		TSTP1R	03	TSTPRA	01	2	TQ2	E2	30A			
05929		XA408	60			XA409	30			16B	9		TSTP1R	04	TSTP1R	00	1	TQ2	E2	28A			
05930		XA409	30										TSTP1R	05	TSTRCO	01	2	TT3	C2	15A			
05931		XA431	65			XA408	62			16B	9		TSTP1S	01	TSTP8A	01	1	TT3	F2	34B			
05932		XA408	62			XA407	66			16B	9		TSTP1S	02	TSTP1R	01	1	TQ2	E2	29A			
05933		XA407	66										TSTP1S	03	TSTP1S	00	1	TQ2	E1	31A	STOP DELAY BIT 1		
05934		XA410	68			XA409	55			16B	9		TSTP2A	01	TSTP0S	01	3	TD4	E1	32A			
05935		XA409	55										TSTP2A	02	TSTP2A	00	1	TT3	F2	29B			
05936		XA407	23			XA409	34			16B	9		TSTP2R	01	TYSC90	01	1	TQ2	B4	11B			
05937		XA409	34			XA409	65			16B	9		TSTP2R	02	TSTRCO	01	3	TT3	C2	16A			
05938		XA409	65			XA408	75			16B	9		TSTP2R	03	TSTP2S	01	1	TT3	F2	34B			
05939		XA408	75			XA418	78			16B	9		TSTP2R	04	TSTP2R	00	1	TQ2	F1	37B			
05940		XA418	78										TSTP2R	05	TEST0A	01	7	TS8	F1	38A			
05941		XA406	56			XA406	50			16B	9		TSTP2S	01	TDR10A	01	2	TQ2	D1	24A			
05942		XA406	50			XA407	49			16B	9		TSTP2S	02	TSPI0A	01	2	TQ2	D2	23A			
05943		XA407	49			XA408	49			16B	9		TSTP2S	03	TSP11A	01	2	TQ2	D4	26B			
05944		XA408	49			XA408	68			16B	9		TSTP2S	04	TDR11A	01	2	TQ2	D4	26B			
05945		XA408	68			XA409	74			16B	9		TSTP2S	05	TSTP1A	01	1	TQ2	F1	32A			
05946		XA409	74			XA408	77			16B	9		TSTP2S	06	TSTP2S	00	1	TT3	F2	35B	STOP DELAY BIT 2		
05947		XA408	77										TSTP2S	07	TSTP2R	01	1	TQ2	F1	38B			
05948		XA433	76			XA410	70			16B	9		TSTP4A	01	TSTP4A	00	1	TD4	F1	37A			
05949		XA410	70										TSTP4A	02	TSTP0S	01	4	TD4	E1	33A			
05950		XA502	04			XA407	70			16B	9		TSTP6A	01	TRUNAR	01	2	TS8	A1	04A			
05951		XA407	70			XA409	63			16B	9		TSTP6A	02	TSTP1S	01	2	TQ2	F1	33A			
05952		XA409	63			XA431	76			16B	9		TSTP6A	03	TSTP6A	00	1	TT3	E3	33B			
05953		XA431	76										TSTP6A	04	TSTR2R	01	2	TT3	F3	37A			
05954		XA431	74			XA409	71			16B	9		TSTP8A	01	TSTP8A	00	1	TT3	F2	35B			
05955		XA409	71										TSTP8A	02	TSTP2S	01	2	TT3	F2	36A			
03381		XA408	69			XA432	35			16B	9		TSTP9A	01	TSTP9A	00	1	TQ2	F3	35A		B02	
01357		XA432	35										TSTP9A	02	TSTP90	01	1	TQ2	C4	17B		B02	
03391		XA432	39			XA431	71			16B	9		TSTP90	01	TSTP90	00	1	TQ2	C4	19B		B02	
08060		XA431	71										TSTP90	02	TSTP8A	01	2	TT3	F2	36A		B02	
05956		XA525	34			XA409	31			16B	9		TSTRCO	01	TSTROA	01	3	TD4	C2	16A			
05957		XA409	31										TSTRCO	02	TSTRCO	00	1	TT3	C2	15B			
05958		XA509	15			XA418	04			16B	9		TSTRRA	01	TSTRRA	00	1	TT3	A3	07B			
05959		XA418	04										TSTRRA	02	TCSR00	01	2	TS8	A1	04A			
												****	SIGNAL	TSTROA	IS ON THE NEXT PAGE				****				

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 DRAWING NUMBER
 UNIT ASSEMBLY NAME

149016-800 STRING
 CARD CAGE ASSY, A, IFCU

UNIT ASSEMBLY NO. 149016
 FILE IDENT T39C1FC6

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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	DR PC	PREFIX	CONNECTOR	PIN	DR PC	MULTI GROUP	CODE	COLOR	IDENT											
05960		XA406	49		XA525	33				16B	9		TSTR0A	01	TSTR0S	01	2	TQ2	D4		26B		
05961		XA525	33										TSTR0A	02	TSTR0A	00	1	TD4	C2		16B		
05962		XA409	73		XA406	47				16B	9		TSTR0R	01	TSTR0R	00	1	TT3	F1		36B		
05963		XA406	47										TSTR0R	02	TSTR0S	01	1	TQ2	D4		25B		
05964		XA410	22		XA409	24				16B	9		TSTR0S	01	TSTR2A	01	1	TD4	B1		12A		
05965		XA409	24		XA406	51				16B	9		TSTR0S	02	TSTR1R	01	2	TT3	B1		13A		
05966		XA406	51		XA409	75				16B	9		TSTR0S	03	TSTR0S	00	1	TQ2	D4		27B	START DELAY BIT 0	
05967		XA409	75		XA509	11				16B	9		TSTR0S	04	TSTR0R	01	1	TT3	F1		37B		
05968		XA509	11										TSTR0S	05	TSTRRA	01	2	TT3	A3		05B		
05969		XA406	69		XA409	77				16B	9		TSTR1A	01	TSTR1A	00	1	TQ2	F3		35A		
05970		XA409	77										TSTR1A	02	TSTR0R	01	2	TT3	F1		38B		
05971		XA409	20		XA408	24				16B	9		TSTR1R	01	TSTR1R	00	1	TT3	B1		11A		
05972		XA408	24		XA509	09				16B	9		TSTR1R	02	TSTR1S	01	1	TQ2	B1		13A		
05973		XA509	09										TSTR1R	03	TSTRRA	01	1	TT3	A3		04B		
05974		XA408	22		XA409	22				16B	9		TSTR1S	01	TSTR1S	00	1	TQ2	B1		12A	START DELAY BIT 1	
05975		XA409	22		XA410	43				16B	9		TSTR1S	02	TSTR1R	01	1	TT3	B1		12A		
05976		XA410	43		XA406	64				16B	9		TSTR1S	03	TSTR6A	01	1	TD4	D2		23B		
05977		XA406	64		XA406	68				16B	9		TSTR1S	04	TSTR3R	01	2	TQ2	E2		30A		
05978		XA406	68										TSTR1S	05	TSTR3A	01	1	TQ2	E1		32A		
05979		XA505	07		XA408	79				16B	9		TSTR2A	01	TRUNAS	01	2	TQ2	A3		03A		
05980		XA408	79		XA408	26				16B	9		TSTR2A	02	TSTP2R	01	2	TQ2	F1		39B		
05981		XA408	26		XA410	23				16B	9		TSTR2A	03	TSTR1S	01	2	TQ2	B1		14A		
05982		XA410	23										TSTR2A	04	TSTR2A	00	1	TD4	B1		11B		
05983		XA431	80		XA409	38				16B	9		TSTR2R	01	TSTR2R	00	1	TT3	F3		39A		
05984		XA409	38										TSTR2R	02	TSTR2S	01	1	TT3	C1		18A		
05985		XA503	14		XA406	65				16B	9		TSTR2S	01	TNDA2A	01	1	TS8	B1		09A		
05986		XA406	65		XA409	36				16B	9		TSTR2S	02	TSTR1A	01	1	TQ2	F3		34B		
05987		XA409	36		XA431	69				16B	9		TSTR2S	03	TSTR2S	00	1	TT3	C1		17A	START DELAY BIT 2	
05988		XA431	69										TSTR2S	04	TSTR2R	01	1	TT3	F3		35A		
05989		XA406	66		XA407	56				16B	9		TSTR3A	01	TSTR3A	00	1	TQ2	E1		31A		
05990		XA407	56		XA418	13				16B	9		TSTR3A	02	TSTR3S	01	2	TQ2	D1		26A	E03	
01334		XA418	13										TSTR3A	03	TCRS00	01	8	TS8	A1		06B	E03	
05991		XA410	46		XA407	54				16B	9		TSTR3R	01	TSTR6A	01	2	TD4	D2		21A		
05992		XA407	54		XA406	60				16B	9		TSTR3R	02	TSTR3S	01	1	TQ2	D1		25A		
05993		XA406	60										TSTR3R	03	TSTR3R	00	1	TQ2	E2		28A		
05994		XA406	62		XA407	52				16B	9		TSTR3S	01	TSTR3R	01	1	TQ2	E2		29A		
05995		XA407	52		XA410	30				16B	9		TSTR3S	02	TSTR3S	00	1	TQ2	D1		24A	START DELAY BIT 3	
05996		XA410	30										TSTR3S	03	TSTR4A	01	1	TD4	C2		15A		
												****	SIGNAL	TSTR4A	IS ON THE NEXT PAGE				****				

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149016-800
 CARD CAGE ASSY, A, IFCU

STRING
 UNIT ASSEMBLY NO. 149016
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TSTR4A
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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	DI	MULTI GROUP	CODE	COLOR												IDENT		
03984		XA525	61		XA409	40			16B	9			TSTR4A	01	TSTR90	01	1	TD4	E1	32B		E03		
05998		XA409	40		XA410	33			16B	9			TSTR4A	02	TSTR2S	01	2	TT3	C1	19A				
05999		XA410	33										TSTR4A	03	TSTR4A	00	1	TD4	C2	16B				
01251		XA407	59		XA408	80			16B	9			TSTR5A	01	TSTR60	01	1	TQ2	E4	31B				
03382		XA408	80										TSTR5A	02	TSTR5A	00	1	TQ2	E4	39A				
06000		XA407	07		XA409	42			16B	9			TSTR6A	01	TRWS0S	01	2	TQ2	A3	03A				
06001		XA409	42		XA410	45			16B	9			TSTR6A	02	TSTR2S	01	3	TT3	C1	20A				
06002		XA410	45		XA525	66			16B	9			TSTR6A	03	TSTR6A	00	1	TD4	D2	24B		E03		
03992		XA525	66										TSTR6A	04	TSTR90	01	2	TD4	E1	31A		E03		
03380		XA407	63		XA410	48			16B	9			TSTR60	01	TSTR60	00	1	TQ2	E4	33B				
08062		XA410	48										TSTR60	02	TSTR6A	01	3	TD4	D2	22A				
06004		XA408	48		XA407	46			16B	9			TSTR7A	01	TSTR80	01	1	TQ2	D2	22A				
06005		XA407	46										TSTR7A	02	TSTR7A	00	1	TQ2	D2	21A				
06006		XA410	34		XA408	46			16B	9			TSTR80	01	TSTR4A	01	3	TD4	C2	16A				
06007		XA408	46										TSTR80	02	TSTR80	00	1	TQ2	D2	21A				
06008		XA511	25		XA516	55			16B	9			TSTR90	01	TWRQ6A	01	2	TQ2	B4	12B				
06009		XA516	55		XA516	78			16B	9			TSTR90	02	TWRG0A	01	2	TQ2	E3	29B				
06010		XA516	78		XA518	72			16B	9			TSTR90	03	TREN0A	01	2	TQ2	E4	38A				
06011		XA518	72		XA525	59			16B	9			TSTR90	04	TREN2A	01	3	TT3	F2	34A		E03		
08064		XA525	59										TSTR90	05	TSTR90	00	1	TD4	E1	31B	WRITE COUNT 78US		E03	
06013		XA429	75		XA523	05			16B	9			TSYNIA	01	TXXC10	01	1	TD4	E1	37B				
06014		XA523	05		XA417	75			16B	9			TSYNIA	02	TCSD0S	01	2	TQ2	A2	03B				
06015		XA417	75		XA418	47			16B	9			TSYNIA	03	TCSD0P	01	1	TDD	LP	37B				
06016		XA418	47										TSYNIA	04	TSYNIA	00	1	TS8	D1	25B	MOTION COMMAND STA			
06017		XA424	18		XA526	13			16B	9			TS14BQ	01	TXDB61X	01	7	MUX	A1	09A				
06018		XA526	13										TS14BQ	02	TS14BQ	00	1	TDD	AQ	06B	TAPE MARK DETECTED			
06019		XA406	21		XA424	34			16B	9			TS1590	01	TS1590	00	1	TQ2	B3	10B				
06020		XA424	34										TS1590	02	TXDB71X	01	7	MUX	B1	15B				
06021		XA526	09		XA409	21			16B	9			TS23BP	01	TS23BP	00	1	TDD	BP	04B				
06022		XA409	21										TS23BP	02	TS2890	01	1	TT3	B3	10B				
06023		XA424	33		XA526	07			16B	9			TS23BQ	01	TXDB71X	01	8	MUX	B1	16A				
06024		XA526	07										TS23BQ	02	TS23BQ	00	1	TDD	BQ	03A	COMPUTER DATA PARI			
06025		XA407	75		XA526	03			16B	9			TS23SA	01	TS23SA	00	1	TQ2	F1	37B				
06026		XA526	03										TS23SA	02	TS23BQ	01	1	TDD	BQ	02A				
06027		XA406	75		XA407	77			16B	9			TS23S0	01	TS23S0	00	1	TQ2	E1	37B				
06028		XA407	77										TS23S0	02	TS23SA	01	1	TQ2	F1	38B				
										****	SIGNAL	TS26CQ											IS ON THE NEXT PAGE	****

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149016-800 STRING
CARD CAGE ASSY, A, IFCU

UNIT ASSEMBLY NO. 149016
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TS26CQ
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RECORD NUMBER	FROM			TO			WIRE				SIGNAL	SEQ 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											
06029 06030		XA424 XA526	54 37		XA526	37			16B	9		TS26CQ TS26CQ	01 02	TXDB0TC TS26CQ	01 00	1 1	MUX TDD	D3 EQ	26A 18B	FILE PROTECT ERROR	
06031 06032 01674		XA409 XA421 XA517	27 51 78		XA421 XA517	51 78			16B	9		TS2890 TS2890 TS2890	01 02 03	TS2890 TXDB4TA TREN3A	00 01 01	1 1 2	TT3 MUX TQ2	B3 D1 F4	13B 25B 38A		
06033 06034 06035 06036 06037 06038		XA507 XA515 XA521 XA521 XA521 XA526	66 55 75 60 30 33		XA515 XA521 XA521 XA526	55 75 60 30 33			16B	9		TS29CP TS29CP TS29CP TS29CP TS29CP TS29CP	01 02 03 04 05 06	TREQ4A TMCPOA TREN1R TRRCOA TRWCOA TS29CP	01 01 01 01 01 00	6 1 5 2 1 1	TSB TD4 TSB TSB TSB Y00	F1 E2 F1 E1 C1 FP	31A 29B 37B 28A 15A 16B		
06039 06040		XA421 XA526	57 31		XA526	31			16B	9		TS29CQ TS29CQ	01 02	TXDB4TB TS29CQ	01 00	1 1	MUX TDD	D2 FQ	29B 15B	TIMING ERROR	
06041 06042		XA506 XA526	15 29		XA526	29			16B	9		TS29SA TS29CQ	01 02	TS29SA TS29CQ	00 01	1 1	TQ2 TDD	A4 FQ	07B 14B		
06043 06044		XA505 XA506	15 11		XA506	11			16B	9		TS29S0 TS29S0	01 02	TS29S0 TS29SA	00 01	1 1	TQ2 TQ2	A4 A4	07B 05B		
06045 06046		XA409 XA526	23 23		XA526	23			16B	9		TS30BP TS30BP	01 02	TS2890 TS30BP	01 00	2 1	TT3 TDD	B3 CP	11B 11B		
06047 06048		XA424 XA526	15 25		XA526	25			16B	9		TS30BQ TS30BQ	01 02	TXDB61X TS30BQ	01 00	6 1	MUX TDD	A1 CQ	07B 12B	LONGITUDINAL PARITY	
06049 06050		XA421 XA526	54 49		XA526	49			16B	9		TS30CQ TS30CQ	01 02	TXDB4TC TS30CQ	01 00	1 1	MUX TDD	D3 GQ	26A 26B	NO DATA ERROR	
06051 06052		XA409 XA526	25 21		XA526	21			16B	9		TS31BP TS31BP	01 02	TS2890 TS31BP	01 00	3 1	TT3 TDD	B3 DP	12B 10B		
06053 06054		XA424 XA526	31 19		XA526	19			16B	9		TS31BQ TS31BQ	01 02	TXDB71X TS31BQ	01 00	6 1	MUX TDD	B1 DQ	14B 09B	LATERAL PARITY ERR	
06055 06056		XA421 XA526	62 43		XA526	43			16B	9		TS31CQ TS31CQ	01 02	TXDB4TD TS31CQ	01 00	1 1	MUX TQ0	D4 HQ	29A 23B	MOIQR ERROR	
06057 06058		XA432 XA429	21 77		XA429	77			16B	9		TTASLA TTASLA	01 02	TTASLA TXXCIO	00 01	1 2	TQ2 TD4	B3 F1	10B 38B		
06059 06060 06061		XA539 XA508 XA502	09 74 77		XA508 XA502	74 77			16B 16B	9 9		TTASLP TTASLP TTASLP	01 02 03	TTASLP TINTZA TINT6A	00 01 01	1 4 6	TDD TD4 TSB	BP F2 F1	04B 35B 38B		
06062 06063		XA426 XA432	15 17		XA432 XA430	17 41			16B 16B	9 9		TTASIO TTASIO	01 02	TTASIO TTASLA	00 01	1 1	TQ2 TQ2	A4 B3	07B 08B		
									****		SIGNAL	TTASIO		IS ON THE					NEXT PAGE	****	

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149016-800 STRING
 CARD CAGE ASSY, A, IFCU

UNIT ASSEMBLY NO. 149016
 FILE IDENT T39C1FC6

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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	PIN	PIN	DR #	MULTI GROUP	CODE	COLOR	IDENT											
06064		XA430	41		XA431	41			168	9		TTAS10	03	UEBOCA	01	1	TT3	D2	22B		D04
06065		XA431	41		XA431	57			168	9		TTAS10	04	TEBOSA	01	1	TT3	D2	22B		
06066		XA431	57		XA431	53			168	9		TTAS10	05	TEB2SA	01	1	TT3	E3	30B		
06067		XA431	53		XA430	53			168	9		TTAS10	06	TEB1SA	01	1	TT3	E2	28B		
06068		XA430	53		XA430	57			168	9		TTAS10	07	UEB1CA	01	1	TT3	E2	28B		D04
06069		XA430	57		XA430	69			168	9		TTAS10	08	UEB2CA	01	1	TT3	E3	30B		D04
06070		XA430	69		XA431	75			168	9		TTAS10	09	UEB3CA	01	1	TT3	F3	35A		D04
06071		XA431	75		XA539	05			168	9		TTAS10	10	TEB3SA	01	1	TT3	F1	37B		
06072		XA539	05									TTAS10	11	TTASLI	01	1	TDD	B1	03B		
06073		XA542	56		XA542	46			168	9		TTCPO0	01	TT02BN	01	1	TDD	GN	26A		
06074		XA542	46		XA542	42			168	9		TTCPO0	02	TT03BN	01	1	TDD	HN	27A		
06075		XA542	42		XA542	30			168	9		TTCPO0	03	TT008N	01	1	TDD	EN	20A		
06076		XA542	30		XA542	14			168	9		TTCPO0	04	TT01BN	01	1	TDD	FN	15A		
06077		XA542	14		XA517	22			168	9		TTCPO0	05	TT0P8N	01	1	TDD	DN	09A		
06078		XA517	22									TTCPO0	06	TTCPO0	00	1	TQ2	B1	12A		
06079		XA517	14		XA542	60			168	9		TTCPI0	01	TTCPI0	00	1	TQ2	B2	09A		
06080		XA542	60		XA542	70			168	9		TTCPI0	02	TT058N	01	1	TDD	KN	28A		
06081		XA542	70		XA542	72			168	9		TTCPI0	03	TT048N	01	1	TDD	JN	33A		
06082		XA542	72		XA542	79			168	9		TTCPI0	04	TT078N	01	1	TDD	MN	34A		
06083		XA542	79									TTCPI0	05	TT068N	01	1	TDD	LN	39B		
06084		XA505	34		XA510	80			168	9		TTMDC0	01	TTMDC0	01	1	TQ2	C2	16A		
06085		XA510	80									TTMDC0	02	TTMDC0	00	1	TT3	F3	39A		
06086		XA508	04		XA508	43			168	9		TTMDC0	01	TNSGEA	01	2	TD4	A2	04A		
06087		XA508	43		XA505	30			168	9		TTMDC0	02	TNSGIA	01	1	TD4	D2	23B		
06088		XA505	30									TTMDC0	03	TTMDC0	00	1	TQ2	C2	15A		
06089		XA524	80		XA518	21			168	9		TTRSCA	01	TTRSCA	00	1	TT3	F3	39A		
06090		XA518	21									TTRSCA	02	TTRS00	01	1	TT3	B3	10B		
06091		XA542	52		XA542	50			168	9		TTRSOA	01	TT02BP	01	1	TDD	GP	24A		
06092		XA542	50		XA542	38			168	9		TTRSOA	02	TT03BP	01	1	TDD	HP	23A		
06093		XA542	38		XA542	36			168	9		TTRSOA	03	TT00BP	01	1	TDD	FP	18A		
06094		XA542	36		XA542	20			168	9		TTRSOA	04	TT01BP	01	1	TDD	FP	17A		
06095		XA542	20		XA517	21			168	9		TTRSOA	05	TT0PBP	01	1	TDD	DP	11A		
06096		XA517	21									TTRSOA	06	TTRSOA	00	1	TQ2	B3	10B		
06097		XA518	27		XA517	23			168	9		TTRS00	01	TTRS00	00	1	TT3	B3	13B		
06098		XA517	23		XA517	17			168	9		TTRS00	02	TTRS1A	01	1	TQ2	B4	11B		
06099		XA517	17									TTRS00	03	TTRS0A	01	1	TQ2	B3	08B		
06100		XA542	75		XA542	73			168	9		TTRS1A	01	TT06BP	01	1	TDD	LP	37B		
06101		XA542	73		XA542	66			168	9		TTRS1A	02	TT07BP	01	1	TDD	MP	36B		
06102		XA542	66		XA542	64			168	9		TTRS1A	03	TT04BP	01	1	TDD	JP	31A		
06103		XA542	64		XA517	27			168	9		TTRS1A	04	TT05BP	01	1	TDD	KP	30A		
06104		XA517	27									TTRS1A	05	TTRS1A	00	1	TQ2	B4	13B		
											****	SIGNAL	TTSC00	IS ON THE NEXT PAGE				****			

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DRAWING NUMBER
UNIT ASSEMBLY NAME

149016-800 STRING
CARD CAGE ASSY, A, IFCU

UNIT ASSEMBLY NO. 149016
FILE IDENT T39C1FC6

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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	IFCU	PREFIX	CONNECTOR	PIN	IFCU	MULTI-GROUP	CODE	COLOR	IDENT												SPEC INST
06105		XA410	09		XA524	08				16B	9		TTSC00	01	TTSC00	00	1	TD4	A2		04B			
06106		XA524	08										TTSC00	02	TCSDRO	01	2	TT3	A1		06A			
06107		XA408	06		XA410	01				16B	9		TTSC1A	01	TTSC1A	00	1	TQ2	A1		05A			
06108		XA410	01										TTSC1A	02	TTSC00	01	1	TD4	A2		02B			
06109		XA410	04		XA408	01				16B	9		TTSC2A	01	TTSC00	01	2	TD4	A2		04A			
06110		XA408	01										TTSC2A	02	TTSC2A	00	1	TQ2	A2		02B			
06111		XA408	09		XA410	05				16B	9		TTSC3A	01	TTSC3A	00	1	TQ2	A3		04B			
06112		XA410	05										TTSC3A	02	TTSC00	01	3	TD4	A2		03B			
06113		XA410	07		XA408	15				16B	9		TTSC4A	01	TTSC00	01	4	TD4	A2		03A			
06114		XA408	15										TTSC4A	02	TTSC4A	00	1	TQ2	A4		07B			
06115		XA408	20		XA408	19				16B	9		TTSC90	01	TTS10A	01	2	TQ2	R2		11A			
06116		XA408	19		XA408	25				16B	9		TTSC90	02	TTS11A	01	2	TQ2	B3		09B			
06117		XA408	25		XA407	27				16B	9		TTSC90	03	TTS20A	01	2	TQ2	B4		12B			
06118		XA407	27		XA408	31				16B	9		TTSC90	04	TTSC90	00	1	TQ2	B4		13B			
06119		XA408	31		XA408	37				16B	9		TTSC90	05	TTS31A	01	2	TQ2	C3		15B			
06120		XA408	37		XA408	36				16B	9		TTSC90	06	TTS40A	01	2	TQ2	C4		18B			
06121		XA408	36		XA408	42				16B	9		TTSC90	07	TTS30A	01	2	TQ2	C2		17A			
06122		XA408	42		XA408	43				16B	9		TTSC90	08	TTS21A	01	2	TQ2	C1		20A			
06123		XA408	43										TTSC90	09	TTS41A	01	2	TQ2	D3		23B			
06124		XA541	11		XA408	17				16B	9		TTS1BP	01	TTS1BP	00	1	TDD	AP		05B			
06125		XA408	17										TTS1BP	02	TTS11A	01	1	TQ2	B3		08B			
06126		XA408	08		XA408	18				16B	9		TTS1BQ	01	TTSC1A	01	1	TQ2	A1		06A			
06127		XA408	18		XA541	13				16B	9		TTS1BQ	02	TTS10A	01	1	TQ2	B2		10A			
06128		XA541	13										TTS1BQ	03	TTS1BQ	00	1	TDD	AQ		06B	TRANSPORT 1 SELECT		
06129		XA406	06		XA407	08				16B	9		TTS1BR	01	TTS1BR	00	1	TQ2	A1		05A			
06130		XA407	08		XA543	68				16B	9		TTS1BR	02	TTS1BS	01	1	TQ2	A1		06A			
06131		XA543	68										TTS1BR	03	TADS1D4	01	1	FLD	E1		32A			
06132		XA523	68		XA522	68				16B	9		TTS1BS	01	TRW10A	01	1	TQ2	E1		32A			
06133		XA522	68		XA522	08				16B	9		TTS1BS	02	TRW12A	01	1	TQ2	E1		32A			
06134		XA522	08		XA421	11				16B	9		TTS1BS	03	URW1CA	01	1	TQ2	A1		06A		D01	
06135		XA421	11		XA408	10				16B	9		TTS1BS	04	TXDB01X	01	5	MUX	A1		06B			
06136		XA408	10		XA407	06				16B	9		TTS1BS	05	TTSC1A	01	2	TQ2	A1		07A			
06137		XA407	06		XA406	08				16B	9		TTS1BS	06	TTS1BS	00	1	TQ2	A1		05A	TRANSPORT 1 SELECT		
06138		XA406	08										TTS1BS	07	TTS1BR	01	1	TQ2	A1		06A			
06139		XA408	14		XA407	10				16B	9		TTS10A	01	TTS10A	00	1	TQ2	B2		09A			
06140		XA407	10										TTS10A	02	TTS1BS	01	2	TQ2	A1		07A			
06141		XA406	10		XA408	21				16B	9		TTS11A	01	TTS1BR	01	2	TQ2	A1		07A			
06142		XA408	21										TTS11A	02	TTS11A	00	1	TQ2	B3		10B			
													****	SIGNAL	TTS19A									IS ON THE NEXT PAGE ****

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DRAWING NUMBER
UNIT ASSEMBLY NAME

149016-800
CARD CAGE ASSY, A, IFCU

STRING
UNIT ASSEMBLY NO. 149016
FILE IDENT T39C1FC6

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RECORD NUMBER	FROM			SPL TO	TO			WIRE				SFC INST MISC	SIGNAL	SEQ NO	EQUATION	TERM FACTOR	CKT OR CHIP TYPE	GROUP	LOAD OR POWER PLANE	TEST POINTS		SIGNAL DESCRIPTION	ECO NO			
	PREFIX	CONNECTOR	PIN		PREFIX	CONNECTOR	PIN	SHEATH	MULTI GROUP	CODE	COLOR									IDENT	AND			OR		
06143		XA536	75			XA537	77					TTS19A	01	TTS19A	00	1	TQ2	F1		37B						
06144		XA537	77						16B	9		TTS19A	02	TTS19A	01	1	TQ2	F1		38B						
06145		XA537	75			XA536	68		16B	9		TTS190	01	TTS190	00	1	TQ2	F1		37B						
06146		XA536	68			XA541	08		16B	9		TTS190	02	TRW19A	01	1	TQ2	E1		32A						
06147		XA541	08									TTS190	03	TTS1BI	01	1	TDD	AI		06A						
06148		XA408	40			XA541	09		16B	9		TTS2BP	01	TTS21A	01	1	TQ2	C1		19A						
06149		XA541	09									TTS2BP	02	TTS2BP	00	1	TDD	BP		04B						
06150		XA541	07			XA408	23		16B	9		TTS2BQ	01	TTS2BQ	00	1	TDD	BQ		03A	TRANSPORT 2 SELECT					
06151		XA408	23			XA408	04		16B	9		TTS2BQ	02	TTS20A	01	1	TQ2	B4		11B						
06152		XA408	04									TTS2BQ	03	TTSC2A	01	1	TQ2	A2		04A						
06153		XA406	01			XA407	04		16B	9		TTS2BR	01	TTS2BR	00	1	TQ2	A2		02B						
06154		XA407	04			XA543	62		16B	9		TTS2BR	02	TTS2BS	01	1	TQ2	A2		04A						
06155		XA543	62									TTS2BR	03	TADS204	01	1	TLD	E2		29A						
06156		XA523	62			XA522	62		16B	9		TTS2BS	01	TRW20A	01	1	TQ2	E2		29A						
06157		XA522	62			XA522	04		16B	9		TTS2BS	02	TRW22A	01	1	TQ2	E2		29A						
06158		XA522	04			XA424	46		16B	9		TTS2BS	03	URW2CA	01	1	TQ2	A2		04A		D01				
06159		XA424	46			XA423	46		16B	9		TTS2BS	04	UEPRX2X	01	1	MUX	C2		21A		D01				
06160		XA423	46			XA422	46		16B	9		TTS2BS	05	URDYX2X	01	1	MUX	C2		21A		D01				
06161		XA422	46			XA421	18		16B	9		TTS2BS	06	TADSX2X	01	1	MUX	C2		21A		D01				
06163		XA421	18			XA408	05		16B	9		TTS2BS	08	TXDB01X	01	7	MUX	A1		09A						
06164		XA408	05			XA407	01		16B	9		TTS2BS	09	TTSC2A	01	2	TQ2	A2		03B						
06165		XA407	01			XA406	04		16B	9		TTS2BS	10	TTS2BS	00	1	TQ2	A2		02B	TRANSPORT 2 SELECT					
06166		XA406	04									TTS2BS	11	TTS2BR	01	1	TQ2	A2		04A						
06167		XA408	27			XA407	05		16B	9		TTS20A	01	TTS20A	00	1	TQ2	B4		13B						
06168		XA407	05									TTS20A	02	TTS2BS	01	2	TQ2	A2		03B						
06169		XA406	05			XA408	38		16B	9		TTS21A	01	TTS2BR	01	2	TQ2	A2		03B						
06170		XA408	38									TTS21A	02	TTS21A	00	1	TQ2	C1		18A						
06171		XA536	72			XA537	71		16B	9		TTS29A	01	TTS29A	00	1	TQ2	F2		34A						
06172		XA537	71									TTS29A	02	TTS290	01	1	TQ2	F2		36A						
06173		XA537	72			XA536	62		16B	9		TTS290	01	TTS290	00	1	TQ2	F2		34A						
06174		XA536	62			XA541	05		16B	9		TTS290	02	TRW29A	01	1	TQ2	E2		29A						
06175		XA541	05									TTS290	03	TTS2BI	01	1	TDD	BI		03B						
06176		XA542	11			XA408	29		16B	9		TTS3BP	01	TTS3BP	00	1	TDD	AP		05B						
06177		XA408	29									TTS3BP	02	TTS31A	01	1	TQ2	C3		14B						
06178		XA408	03			XA408	34		16B	9		TTS3BQ	01	TTSC3A	01	1	TQ2	A3		02A						
06179		XA408	34			XA542	13		16B	9		TTS3BQ	02	TTS30A	01	1	TQ2	C2		16A						
06180		XA542	13									TTS3BQ	03	TTS3BQ	00	1	TDD	AQ		06B	TRANSPORT 3 SELECT					
06181		XA406	22			XA407	24		16B	9		TTS3BR	01	TTS3BR	00	1	TQ2	BI		12A						
												****	SIGNAL	TTS3BR											IS ON THE NEXT PAGE	****

H78-14 615
DRAWING NUMBER
UNIT ASSEMBLY NAME

149016-800
CARD CAGE ASSY,A,IFCU

STRING

UNIT ASSEMBLY NO.
FILE IDENT

149016
T39C1FC6

REV E
DATE 09-03-82

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RECORD NUMBER	FROM				TO				WIRE			SIGNAL	SEQ NO	EQUATION	TERM	FACTOR	CKT OR CHIP TYPE	GROUP	LOAD OR POWER PLANE	TEST POINTS AND OR	SIGNAL DESCRIPTION	ECO NO
	PREFIX	CONNECTOR	PIN	SH TO	PREFIX	CONNECTOR	PIN	SH TO	MULTI GROUP	CODE	COLOR											
06182		XA407	24			XA543	53			16B	9		TTS3BR	02	TTS3BS	01	1	TQ2	B1	13A		
06183		XA543	53										TTS3BR	03	TADS3D4	01	1	TLD	E3	28B		
06184		XA523	53			XA522	53			16B	9		TTS3BS	01	TRW30A	01	1	TQ2	E3	28B		
06185		XA522	53			XA522	03			16B	9		TTS3BS	02	TRW32A	01	1	TQ2	E3	28B		
06186		XA522	03			XA424	42			16B	9		TTS3BS	03	URW3CA	01	1	TQ2	A3	02A		
06187		XA424	42			XA423	42			16B	9		TTS3BS	04	UFPRX2X	01	2	MUX	C2	20A		D01
06188		XA423	42			XA422	42			16B	9		TTS3BS	05	URDYX2X	01	2	MUX	C2	20A		D01
06189		XA422	42			XA421	17			16B	9		TTS3BS	06	TADSX2X	01	2	MUX	C2	20A		D01
06191		XA421	17			XA408	07			16B	9		TTS3BS	08	TXDB01X	01	8	MUX	A1	08B		
06192		XA408	07			XA407	22			16B	9		TTS3BS	09	TTSC3A	01	2	TQ2	A3	03A		
06193		XA407	22			XA406	24			16B	9		TTS3BS	10	TTS3BS	00	1	TQ2	B1	12A	TRANSPORT 3 SELECT	
06194		XA406	24										TTS3BS	11	TTS3BR	01	1	TQ2	B1	13A		
06195		XA407	26			XA408	30			16B	9		TTS30A	01	TTS3BS	01	2	TQ2	B1	14A		
06196		XA408	30										TTS30A	02	TTS30A	00	1	TQ2	C2	15A		
06197		XA406	26			XA408	33			16B	9		TTS31A	01	TTS3BR	01	2	TQ2	B1	14A		
06198		XA408	33										TTS31A	02	TTS31A	00	1	TQ2	C3	16B		
06199		XA536	69			XA537	65			16B	9		TTS39A	01	TTS39A	00	1	TQ2	F3	35A		
06200		XA537	65										TTS39A	02	TTS390	01	1	TQ2	F3	34B		
06201		XA537	69			XA536	53			16B	9		TTS390	01	TTS390	00	1	TQ2	F3	35A		
06202		XA536	53			XA542	08			16B	9		TTS390	02	TRW39A	01	1	TQ2	E3	28B		
06203		XA542	08										TTS390	03	TTS3B1	01	1	TDD	A1	06A		
06204		XA408	41			XA542	09			16B	9		TTS4BP	01	TTS41A	01	1	TQ2	D3	22B		
06205		XA542	09										TTS4BP	02	TTS4BP	00	1	TDD	BP	04B		
06206		XA542	07			XA408	35			16B	9		TTS4BQ	01	TTS4BQ	00	1	TDD	BQ	03A	TRANSPORT 4 SELECT	
06207		XA408	35			XA408	11			16B	9		TTS4BQ	02	TTS40A	01	1	TQ2	C4	17B		
06208		XA408	11										TTS4BQ	03	TTSC4A	01	1	TQ2	A4	05B		
06209		XA406	14			XA407	18			16B	9		TTS4BR	01	TTS4BR	00	1	TQ2	B2	09A		
06210		XA407	18			XA543	59			16B	9		TTS4BR	02	TTS4BS	01	1	TQ2	B2	10A		
06211		XA543	59										TTS4BR	03	TADS4D4	01	1	TLD	E4	31B		
06212		XA523	59			XA522	59			16B	9		TTS4BS	01	TRW40A	01	1	TQ2	E4	31B		
06213		XA522	59			XA522	11			16B	9		TTS4BS	02	TRW42A	01	1	TQ2	E4	31B		
06214		XA522	11			XA424	40			16B	9		TTS4BS	03	URW4CA	01	1	TQ2	A4	05B		D01
06215		XA424	40			XA423	40			16B	9		TTS4BS	04	UFPRX2X	01	3	MUX	C2	19A		D01
06216		XA423	40			XA422	40			16B	9		TTS4BS	05	URDYX2X	01	3	MUX	C2	19A		D01
06217		XA422	40			XA421	15			16B	9		TTS4BS	06	TADSX2X	01	3	MUX	C2	19A		D01
06219		XA421	15			XA408	13			16B	9		TTS4BS	08	TXDB01X	01	6	MUX	A1	07B		
06220		XA408	13			XA407	14			16B	9		TTS4BS	09	TTSC4A	01	2	TQ2	A4	06B		
06221		XA407	14			XA406	18			16B	9		TTS4BS	10	TTS4BS	00	1	TQ2	B2	09A	TRANSPORT 4 SELECT	
06222		XA406	18										TTS4BS	11	TTS4BR	01	1	TQ2	B2	10A		
06223		XA407	20			XA408	39			16B	9		TTS40A	01	TTS4BS	01	2	TQ2	B2	11A		
										****	SIGNAL	TTS40A			IS ON THE NEXT PAGE	****						

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 DRAWING NUMBER
 UNIT ASSEMBLY NAME

149016-800
 CARD CAGE ASSY,A,IFCU

STRING

UNIT ASSEMBLY NO.
 FILE IDENT

149016
 T39CIFC6

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RECORD NUMBER	FROM				TO				WIRE				SPEC INET MISC	SIGNAL	SEQ NO	EQUATION	TERM	FACTOR	CKT OR CHIP TYPE	GROUP	LOAD OR POWER PLANE	TEST POINTS AND OR	SIGNAL DESCRIPTION	ECO NO
	PREFIX	CONNECTOR	PIN	U L S	PREFIX	CONNECTOR	PIN	U L S	MULTI GROUP	CODE	COLOR	IDENT												
06224		XA408	39										TTS40A	02	TTS40A	00	1	TQ2	C4		19B			
06225		XA406	20		XA408	45			16B	9			TTS41A	01	TTS4BR	01	2	TQ2	B2		11A			
06226		XA408	45										TTS41A	02	TTS41A	00	1	TQ2	D3		24B			
06227		XA536	80		XA537	76			16B	9			TTS49A	01	TTS49A	00	1	TQ2	F4		39A			
06228		XA537	76										TTS49A	02	TTS490	01	1	TQ2	F4		37A			
06229		XA537	80		XA536	59			16B	9			TTS490	01	TTS490	00	1	TQ2	F4		39A			
06230		XA536	59		XA542	05			16B	9			TTS490	02	TRW49A	01	1	TQ2	F4		31B			
06231		XA542	05										TTS490	03	TTS48 I	01	1	TDD	8I		03B			
06233		XA542	21		XA506	54			16B	9			TTOPBP	02	TTOPBP	00	1	TDD	DP		10B			
06234		XA506	54										TTOPBP	03	TKRS00	01	1	TQ2	D1		25A			
06235		XA503	31		XA438	80			16B	9			TTOPBPR	01	TRIDPA	01	2	TS8	C1		15B			
06236		XA438	80										TTOPBPR	02	TTOPBPR	00	1	PAR	F1		39A	READ REGISTER PART		
06232		XA438	79		XA541	14			16B	9			TTOPBQ	00	TTOPBPR	02	1	PAR	F1		39B		COI	
06237		XA541	14		XA542	19			16B	9			TTOPBQ	01	TLRCPN	01	1	TDD	DN		09A			
06238		XA542	19										TTOPBQ	02	TTOPBQ	00	1	TDD	DO		09B	READ REG BIT P		
06239		XA503	55		XA542	35			16B	9			TT00BP	01	TKRS10	01	1	TS8	E1		29B			
06240		XA542	35										TT00BP	02	TT00BP	00	1	TDD	EP		17B			
06241		XA438	71		XA537	08			16B	9			TT00BQ	01	TTOPBPR	01	1	PAR	F1		35B			
06242		XA537	08		XA536	08			16B	9			TT00BQ	02	TR16CA	01	1	TQ2	A1		06A			
06243		XA536	08		XA536	40			16B	9			TT00BQ	03	TR00CA	01	1	TQ2	A1		06A			
06244		XA536	40		XA537	40			16B	9			TT00BQ	04	TR08CA	01	1	TQ2	C1		19A			
06245		XA537	40		XA541	42			16B	9			TT00BQ	05	TR24CA	01	1	TQ2	C1		19A			
06246		XA541	42		XA542	37			16B	9			TT00BQ	06	TLRC0N	01	1	TDD	EN		20A			
06247		XA542	37										TT00BQ	07	TT00BQ	00	1	TDD	EQ		18B	READ REG BIT 0		
06248		XA503	60		XA542	33			16B	9			TT01BP	01	TKRS10	01	2	TS8	E1		28A			
06249		XA542	33										TT01BP	02	TT01BP	00	1	TDD	FP		16B			
06250		XA438	73		XA537	04			16B	9			TT01BQ	01	TTOPBPR	01	2	PAR	F1		36B			
06251		XA537	04		XA536	04			16B	9			TT01BQ	02	TR17CA	01	1	TQ2	A2		04A			
06252		XA536	04		XA536	34			16B	9			TT01BQ	03	TR01CA	01	1	TQ2	A2		04A			
06253		XA536	34		XA537	34			16B	9			TT01BQ	04	TR09CA	01	1	TQ2	C2		16A			
06254		XA537	34		XA541	30			16B	9			TT01BQ	05	TR25CA	01	1	TQ2	C2		16A			
06255		XA541	30		XA542	31			16B	9			TT01BQ	06	TLRC1N	01	1	TDD	EN		15A			
06256		XA542	31										TT01BQ	07	TT01BQ	00	1	TDD	FQ		15B	READ REG BIT 1		
06257		XA503	61		XA542	47			16B	9			TT02BP	01	TKRS10	01	3	TS8	E1		32B			
06258		XA542	47										TT02BP	02	TT02BP	00	1	TDD	GP		25B			
06259		XA541	56		XA542	49			16B	9			TT02BQ	01	TLRC2N	01	1	TDD	GN		24A			
06260		XA542	49		XA537	29			16B	9			TT02BQ	02	TT02BQ	00	1	TDD	GQ		26B	READ REG BIT 2		
06261		XA537	29		XA536	29			16B	9			TT02BQ	03	TR26CA	01	1	TQ2	C3		14B			
												****	SIGNAL	TT02BQ		IS ON THE	NEXT PAGE	****						

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	PREFIX	CONNECTOR	PIN		PREFIX	CONNECTOR	PIN		MULTI GROUP	CODE	COLOR	IDENT										AND	OR		
06262		XA536	29		XA536	03			168	9			TT02BQ	04	TR10CA	01	1	TQ2	C3		14B				
06263		XA536	03		XA537	03			168	9			TT02BQ	05	TR02CA	01	1	TQ2	A3		02A				
06264		XA537	03		XA438	75			168	9			TT02BQ	06	TR18CA	01	1	TQ2	A3		02A				
06265		XA438	75										TT02BQ	07	TT0PBPR	01	3	PAR	F1		37B				
06266		XA503	62		XA542	45			168	9			TT03BP	01	TKRS10	01	4	TS8	E1		29A				
06267		XA542	45										TT03BP	02	TT03BP	00	1	TDD	HP		24B				
06268		XA438	77		XA537	11			168	9			TT03BQ	01	TT0PBPR	01	4	PAR	F1		38B				
06269		XA537	11		XA536	11			168	9			TT03BQ	02	TR19CA	01	1	TQ2	A4		05B				
06270		XA536	11		XA536	35			168	9			TT03BQ	03	TR03CA	01	1	TQ2	A4		05B				
06271		XA536	35		XA537	35			168	9			TT03BQ	04	TR11CA	01	1	TQ2	C4		17B				
06272		XA537	35		XA542	43			168	9			TT03BQ	05	TR27CA	01	1	TQ2	C4		17B				
06273		XA542	43		XA541	46			168	9			TT03BQ	06	TT03BQ	00	1	TDD	HQ		23B		READ REG BIT 3		
06274		XA541	46										TT03BQ	07	TLRC3N	01	1	TDD	HN		21A				
06275		XA503	64		XA542	59			168	9			TT04BP	01	TKRS10	01	5	TS8	E1		30A				
06276		XA542	59										TT04BP	02	TT04BP	00	1	TDD	JP		31B				
06277		XA541	70		XA542	61			168	9			TT04BQ	01	TLRC4N	01	1	TDD	JN		33A				
06278		XA542	61		XA537	54			168	9			TT04BQ	02	TT04BQ	00	1	TDD	JQ		32B		READ REG BIT 4		
06279		XA537	54		XA536	54			168	9			TT04BQ	03	TR28CA	01	1	TQ2	D1		25A				
06280		XA536	54		XA536	24			168	9			TT04BQ	04	TR12CA	01	1	TQ2	D1		25A				
06281		XA536	24		XA537	24			168	9			TT04BQ	05	TR04CA	01	1	TQ2	B1		13A				
06282		XA537	24		XA438	76			168	9			TT04BQ	06	TR20CA	01	1	TQ2	B1		13A				
06283		XA438	76										TT04BQ	07	TT0PBPR	01	5	PAR	F1		37A				
06284		XA503	66		XA542	57			168	9			TT05BP	01	TKRS10	01	6	TS8	E1		31A				
06285		XA542	57										TT05BP	02	TT05BP	00	1	TDD	KP		30B				
06286		XA438	74		XA537	18			168	9			TT05BQ	01	TT0PBPR	01	6	PAR	F1		36A				
06287		XA537	18		XA536	18			168	9			TT05BQ	02	TR21CA	01	1	TQ2	B2		10A				
06288		XA536	18		XA536	48			168	9			TT05BQ	03	TR05CA	01	1	TQ2	B2		10A				
06289		XA536	48		XA537	48			168	9			TT05BQ	04	TR13CA	01	1	TQ2	D2		22A				
06290		XA537	48		XA542	55			168	9			TT05BQ	05	TR29CA	01	1	TQ2	D2		22A				
06291		XA542	55		XA541	60			168	9			TT05BQ	06	TT05BQ	00	1	TDD	KQ		29B		READ REG BIT 5		
06292		XA541	60										TT05BQ	07	TLRC5N	01	1	TDD	KN		28A				
06293		XA503	68		XA542	76			168	9			TT06BP	01	TKRS10	01	7	TS8	E1		32A				
06294		XA542	76										TT06BP	02	TT06BP	00	1	TDD	LP		37A				
06295		XA438	72		XA537	17			168	9			TT06BQ	01	TT0PBPR	01	7	PAR	F1		35A				
06296		XA537	17		XA536	17			168	9			TT06BQ	02	TR22CA	01	1	TQ2	B3		08B				
06297		XA536	17		XA536	41			168	9			TT06BQ	03	TR06CA	01	1	TQ2	B3		08B				
06298		XA536	41		XA537	41			168	9			TT06BQ	04	TR14CA	01	1	TQ2	D3		22B				
06299		XA537	41		XA541	79			168	9			TT06BQ	05	TR30CA	01	1	TQ2	D3		22B				
06300		XA541	79		XA542	78			168	9			TT06BQ	06	TLRC6N	01	1	TDD	LN		39B				
06301		XA542	78										TT06BQ	07	TT06BQ	00	1	TDD	LO		38A		READ REG BIT 6		
06302		XA503	70		XA542	69			168	9			TT07BP	01	TKRS10	01	8	TS8	E1		33A				
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	PREFIX	CONNECTOR	PIN	WIRE NO	PREFIX	CONNECTOR	PIN	WIRE NO	MULTI GROUP	CODE	COLOR	IDENT												SPEC INST. MISC	
06303		XA542	69										TT07BP	02	TT07BP	00	1	TDD	MP		35A				
06304		XA438	70		XA537	23			168	9			TT07BQ	01	TT07BQ	01	8	PAR	F1		34A				
06305		XA537	23		XA536	23			168	9			TT07BQ	02	TR23CA	01	1	TQ2	B4		11B				
06306		XA536	23		XA536	47			168	9			TT07BQ	03	TR07CA	01	1	TQ2	B4		11B				
06307		XA536	47		XA537	47			168	9			TT07BQ	04	TR15CA	01	1	TQ2	D4		25B				
06308		XA537	47		XA541	72			168	9			TT07BQ	05	TR31CA	01	1	TQ2	D4		25B				
06309		XA541	72		XA542	74			168	9			TT07BQ	06	TLRC7N	01	1	TDD	MN		34A				
06310		XA542	74										TT07BQ	07	TT07BQ	00	1	TDD	MQ		35B	READ REG BIT 7			
06311		XA511	41		XA509	39			168	9			TWDBCA	01	TWDBCO	01	1	TQ2	D3		22B				
06312		XA509	39										TWDBCA	02	TWDBCA	00	1	TT3	C3		19B				
03263		XA550	50	3	XA543	32	3		168	9			TWDBCDR	01				EXT					B04		
08481		XA543	32										TWDBCDR	02				TLD				21B			
03262		XA550	49		XA544	19			168	9			TWDBCD4	00				EXT					B04		
06313		XA544	19		XA543	30			168	9			TWDBCD4	01				RR4	B5				B04		
06314		XA543	30										TWDBCD4	02	TWDBCD4	00	1	TLD	C2		15A	WRITE STROBE DRIVE			
06315		XA511	45		XA516	49			168	9			TWDBCO	01	TWDBCO	00	1	TQ2	D3		24B		D01		
06316		XA516	49		XA543	34			168	9			TWDBCO	02	UWLK0A	01	2	TQ2	D4		26B				
06317		XA543	34										TWDBCO	03	TWDBCD4	01	1	TLD	C2		16A				
64588		XA348	74		XA550	51			168	9			TWDBEB	01				SHT					D03		
03264		XA550	51										TWDBEB	02				EXT					D03		
03265		XA550	52	2	XA544	44	2		168	9			TWDBEDR	01				EXT					B04		
08482		XA544	44										TWDBEDR	02				RR4							
64586		XA348	72		XA544	36			168	9			TWDBED4	005				SHT					D03		
06318		XA544	36		XA543	33			168	9			TWDBED4	01				RR4	C1				C03		
06319		XA543	33										TWDBED4	02	TWDBED4	00	1	TLD	C3		16B	WRITE ENABLE DRIVE			
03222		XA550	04	1	XA543	32	1		168	9			TWDBPBR	01				EXT					B04		
08483		XA543	32										TWDBPBR	02				TLD				21B			
03221		XA550	03		XA543	38			168	9			TWDBPB4	00				EXT					B04		
06320		XA543	38		XA544	17			168	9		P	TWDBPD	01	TWDBPD	01	1	TLD	C1		18A	WRITE DATA P DRIVE			
06321		XA544	17		XA443	51			168	9			TWDBPB4	02				RR4	B4						
06322		XA443	51									P	UWLCPD	03	TWDBPB4	02	1	TLD	D4		27B		D01		
06323		XA543	38								J		TWDBPD	01	TWDBPD	00	1	TLD	C1		18A	TWDBPB4 BUSS			
06324		XA517	51		XA515	18			168	9			TWDBSA	01	TWDBSA	00	1	TQ2	D4		27B				
06325		XA515	18		XA519	19			168	9			TWDBSA	02	TFPE1A	01	2	TD4	B2		10A				
06326		XA519	19		XA422	11			168	9			TWDBSA	03	TFPE2A	01	2	TQ2	B3		09B		D04		
04392		XA422	11										TWDBSA	04	TXDB21X	01	5	MUX	A1		06B		D04		
03224		XA550	06	1	XA544	02	1		168	9			TWDBOBR	01				EXT					B04		
													****	SIGNAL	(TWDBOBR)	IS ON THE NEXT PAGE ****									

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	PREFIX	CONNECTOR	PIN	PREFIX	CONNECTOR	PIN	SH FC	MULTI GROUP	CODE	COLOR	IDENT											
08484		XA544	02									TWDB0BR	02				RR4					
03223		XA550	05		XA544	08			16B	9		TWDB0B4	00				EXT					B04
06332		XA544	08		XA543	06			16B	9		TWDB0B4	01				RR4	A1				
06333		XA543	06		XA443	66			16B	9		TWDB0D	02	TWDB0B4	01	1	TLD	A1		05A	WRITE DATA 0 DRIVE	
06334		XA443	66									UWLC0D	03	TWDB0B4	02	1	TLD	E1		31A		D01
06335		XA543	06									J TWDB0D	01	TWDB0D	00	1	TLD	A1		05A	TWDB0B4 BUSS	
03226		XA550	08	2	XA544	02	2		16B	9		TWDB1BR	01				EXT					B04
08485		XA544	02									TWDB1BR	02				RR4					
03225		XA550	07		XA544	10			16B	9		TWDB1B4	00				EXT					D03
06336		XA544	10		XA543	01			16B	9		TWDB1B4	01				RR4	A2				
06337		XA543	01		XA443	60			16B	9		TWDB1D	02	TWDB1B4	01	1	TLD	A2		02B		
06338		XA443	60									UWLC1D	03	TWDB1B4	02	1	TLD	E2		28A		D01
06339		XA543	01									J TWDB1D	01	TWDB1D	00	1	TLD	A2		02B	WRITE DATA 1 DRIVE	
03228		XA550	10	3	XA544	02	3		16B	9		TWDB2BR	01				EXT					B04
08486		XA544	02									TWDB2BR	02				RR4					
03227		XA550	09		XA544	05			16B	9		TWDB2B4	00				EXT					B04
06340		XA544	05		XA543	09			16B	9		TWDB2B4	01				RR4	A3				
06341		XA543	09		XA443	57			16B	9		TWDB2D	02	TWDB2B4	01	1	TLD	A3		04B	WRITE DATA 2 DRIVE	
06342		XA443	57									UWLC2D	03	TWDB2B4	02	1	TLD	E3		30B		D01
06343		XA543	09									J TWDB2D	01	TWDB2D	00	1	TLD	A3		04B	TWDB2B4 BUSS	
03242		XA550	26	1	XA543	16	1		16B	9		TWDB3BR	01				EXT					B04
08487		XA543	16									TWDB3BR	02				TLD			01B		
03241		XA550	25		XA543	15			16B	9		TWDB3B4	00				EXT					B04
06344		XA543	15		XA544	07			16B	9		TWDB3D	01	TWDB3B4	01	1	TLD	A4		07B	WRITE DATA 3 DRIVE	
06345		XA544	07		XA443	63			16B	9		TWDB3B4	02				RR4	A4				
06346		XA443	63									UWLC3D	03	TWDB3B4	02	1	TLD	E4		33B		D01
06347		XA543	15									J TWDB3D	01	TWDB3D	00	1	TLD	A4		07B	TWDB3B4 BUSS	
08488		XA543	16	3	XA550	30	3		16B	9		TWDB4BR	01				TLD			01B		
03245		XA550	30									TWDB4BR	02				EXT					B04
06348		XA443	75		XA544	09			16B	9		UWLC4D	01	TWDB4B4	02	1	TLD	F1		37B		D01
06349		XA544	09		XA543	22			16B	9		TWDB4B4	02				RR4	A5				
06350		XA543	22		XA550	29			16B	9		TWDB4D	03	TWDB4B4	01	1	TLD	B1		12A	WRITE DATA 4 DRIVE	
03244		XA550	29									TWDB4B4	04				EXT					B04
06351		XA543	22									J TWDB4D	01	TWDB4D	00	1	TLD	B1		12A	TWDB4B4 BUSS	
03248		XA550	34	2	XA543	16	2		16B	9		TWDB5BR	01				EXT					B04
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	PREFIX	CONNECTOR	PIN	WIRE	PREFIX	CONNECTOR	PIN	WIRE	MULTI GROUP	CODE	COLOR	IDENT											
08489		XA543	16										TWDB5BR	02				TLD			01B		
03247		XA550	33		XA544	20		16B	9				TWDB5B4	00				EXT				B04	
06352		XA544	20		XA543	14		16B	9				TWDB5B4	01				RR4	B1				
06353		XA543	14		XA443	72		16B	9		P		TWDB5D	02	TWDB5B4	01	1	TLD	B2		09A	WRITE DATA 5 DRIVE	
06354		XA443	72								P		UWLC5D	03	TWDB5B4	02	1	TLD	F2		34A	D01	
06355		XA543	14								J		TWDB5D	01	TWDB5D	00	1	TLD	B2		09A	TWDB5B4 BUSS	
03250		XA550	36	1	XA544	32	1	16B	9				TWDB6BR	01				EXT				B04	
08490		XA544	32										TWDB6BR	02				RR4					
03249		XA550	35		XA544	26		16B	9				TWDB6B4	00				EXT				B04	
06356		XA544	26		XA543	21		16B	9				TWDB6B4	01				RR4	B2				
06357		XA543	21		XA443	69		16B	9		P		TWDB6D	02	TWDB6B4	01	1	TLD	B3		10B		
06358		XA443	69								P		UWLC6D	03	TWDB6B4	02	1	TLD	F3		35A	D01	
06359		XA543	21								J		TWDB6D	01	TWDB6D	00	1	TLD	B3		10B	WRITE DATA 6 DRIVE	
03252		XA550	38	2	XA543	32	2	16B	9				TWDB7BR	01				EXT				B04	
08491		XA543	32										TWDB7BR	02				TLD			21B		
03251		XA550	37		XA543	27		16B	9				TWDB7B4	00				EXT				B04	
06360		XA543	27		XA544	24		16B	9		P		TWDB7D	01	TWDB7B4	01	1	TLD	B4		13B	WRITE DATA 7 DRIVE	
06361		XA544	24		XA443	80		16B	9				TWDB7B4	02				RR4	B3				
06362		XA443	80								P		UWLC7D	03	TWDB7B4	02	1	TLD	F4		39A	D01	
06363		XA543	27								J		TWDB7D	01	TWDB7D	00	1	TLD	B4		13B	TWDB7B4 BUSS	
06364		XA511	77		XA511	71		16B	9				TWDEA	01	TWDE0	01	1	TQ2	F1		38B		
06365		XA511	71		XA518	31		16B	9				TWDEA	02	TWDDF0	01	1	TQ2	F2		36A		
06366		XA518	31										TWDEA	03	TWDEA	00	1	TT3	C2		15B		
06367		XA438	68		XA518	29		16B	9				TWDEPR	01	TWDEPR	00	1	PAR	E1		33A	WRITE STROBE GENER	
06368		XA518	29		XA509	33		16B	9				TWDEPR	02	TWDEA	01	1	TT3	C2		14B		
06369		XA509	33										TWDEPR	03	TWDBCA	01	1	TT3	C3		14B		
06370		XA543	10		XA543	05		16B	9				TWDE0	01	TWDB0D	01	2	TLD	A1		07A		
06371		XA543	05		XA543	07		16B	9				TWDE0	02	TWDB1D	01	2	TLD	A2		03B		
06372		XA543	07		XA543	13		16B	9				TWDE0	03	TWDB2D	01	2	TLD	A3		03A		
06373		XA543	13		XA511	75		16B	9				TWDE0	04	TWDB3D	01	2	TLD	A4		06B		
06374		XA511	75										TWDE0	05	TWDE0	00	1	TQ2	F1		37B		
06375		XA543	20		XA543	19		16B	9				TWDE0	01	TWDB5D	01	2	TLD	B2		11A		
06376		XA543	19		XA543	25		16B	9				TWDDF0	02	TWDB6D	01	2	TLD	B3		09B		
06377		XA543	25		XA543	26		16B	9				TWDE0	03	TWDB7D	01	2	TLD	B4		12B		
06378		XA543	26		XA543	42		16B	9				TWDDF0	04	TWDB4D	01	2	TLD	B1		14A		
06379		XA543	42		XA511	72		16B	9				TWDE0	05	TWDBPD	01	2	TLD	C1		20A		
06380		XA511	72										TWDDF0	06	TWDDF0	00	1	TQ2	F2		34A		
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 UNIT ASSEMBLY NAME

149016-800
 CARD CAGE ASSY,A,IFCU

STRING

UNIT ASSEMBLY NO.
 FILE IDENT

149016
 T39CIFC6

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RECORD NUMBER	FROM				TO				WIRE				SIGNAL	SEQ NO	EQUATION	TERM	FACTOR	CKT OR CHIP TYPE	GRDP	LOAD OR POWER PLANE	TEST POINTS AND OR	SIGNAL DESCRIPTION	ECO NO	
	PREFIX	CONNECTOR	PIN	SH PC	PREFIX	CONNECTOR	PIN	SH PC	MULTI GROUP	CODE	COLOR	IDENT												SPIC INST MISC
06392		XA524	29			XA515	05			16B	9		TWENCA	01	TWEN1A	01	1	TT3	C2		14B			
06393		XA515	05			XA506	38			16B	9		TWENCA	02	TLRCCO	01	3	TD4	A2		03B			
06394		XA506	38										TWENCA	03	TWENCA	00	1	TQ2	C1		18A			
06395		XA506	40			XA515	22			16B	9		TWENCO	01	TWENCA	01	1	TQ2	C1		19A			
06396		XA515	22			XA515	14			16B	9		TWENCO	02	TWENOA	01	1	TD4	B1		12A			
06397		XA515	14			XA519	17			16B	9		TWENCO	03	TFPE1A	01	1	TD4	B2		09A			
06398		XA519	17			XA524	33			16B	9		TWENCO	04	TFPE2A	01	1	TQ2	B3		08B			
06399		XA524	33			XA516	75			16B	9		TWENCO	05	TWEN2A	01	1	TT3	C3		16B		D01	
06401		XA516	75										TWENCO	07	TWENCO	00	1	TQ2	F1		37B			
06402		XA512	10			XA515	23			16B	9		TWENOA	01	TWENOS	01	2	TQ2	A1		07A			
06403		XA515	23			XA516	41			16B	9		TWENOA	02	TWENOA	00	1	TD4	B1		11B			
06404		XA516	41										TWENOA	03	UWLS00	01	1	TQ2	D3		22B		D01	
06405		XA507	11			XA512	08			16B	9		TWENOR	01	TWENOR	00	1	TS8	A1		05B			
06406		XA512	08			XA520	70			16B	9		TWENOR	02	TWENOS	01	1	TQ2	A1		06A			
06407		XA520	70										TWENOR	03	TWEN30	01	2	TQ2	E1		33A			
06400		XA525	75			XA512	06			16B	9		TWENOS	00	TWLR00	01	1	TD4	F1		37B		D01	
06408		XA512	06			XA507	01			16B	9		TWENOS	01	TWENOS	00	1	TQ2	A1		05A			
06409		XA507	01										TWENOS	02	TWENOR	01	1	TS8	A1		02B			
06410		XA524	31			XA507	04			16B	9		TWEN1A	01	TWEN1A	00	1	TT3	C2		15B			
06411		XA507	04										TWEN1A	02	TWENOR	01	2	TS8	A1		04A			
06412		XA520	68			XA524	39			16B	9		TWEN2A	01	TWEN30	01	1	TQ2	E1		32A			
06413		XA524	39										TWEN2A	02	TWEN2A	00	1	TT3	C3		19B			
06414		XA543	29			XA520	66			16B	9		TWEN30	01	TWDBED4	01	1	TLD	C3		14B			
06415		XA520	66										TWEN30	02	TWEN30	00	1	TQ2	E1		31A			
03267		XA550	54	3		XA544	44	3		16B	9		TWLRCDR	01				EXT						804
08492		XA544	44										TWLRCDR	02				RR4						
03266		XA550	53			XA543	39			16B	9		TWLRCD4	00				EXT						804
06486		XA543	39			XA544	38			16B	9		TWLRCD4	01	TWLRCD4	00	1	TLD	C4		19B			
06487		XA544	38										TWLRCD4	02				RR4	C2					
06484		XA525	76			XA543	35			16B	9		TWLR00	01	TWLR00	00	1	TD4	F1		37A		D01	
06489		XA543	35										TWLR00	02	TWLRCD4	01	1	TLD	C4		17B			
06519		XA511	69			XA512	73			16B	9		TWPE00	01	TWPE00	00	1	TQ2	F3		35A		D01	
06520		XA512	73							16B	9		TWPE00	02		01	2	TQ2	F2		36B		D01	
06521		XA410	10			XA418	08			16B	9		TWRGRA	01	TCRS70	01	3	TD4	A1		07A			
06522		XA418	08			XA522	51			16B	9		TWRGRA	02	TCRS00	01	6	TS8	A1		06A			
06523		XA522	51										TWRGRA	03	TWRGRA	00	1	TQ2	D4		27B			
06524		XA516	57			XA517	55			16B	9		TWRGOA	01	TWRGOA	00	1	TQ2	F3		30B			
										****	SIGNAL		TWRGOA		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		SIGNAL DESCRIPTION	ECO NO
	PREFIX	CONNECTOR	PIN	DR TO	PREFIX	CONNECTOR	PIN	DR TO	MULTI GROUP	CODE	COLOR	IDENT								AND	OR		
06525		XA517	55										TWRG0A	02	TWRG0S	01	2	TQ2	E3		29B		
06526		XA515	47		XA517	53				16B	9		TWRGOR	01	TWRGOR	00	1	TD4	D1		25B		
06527		XA517	53										TWRGOR	02	TWRGOS	01	1	TQ2	E3		28B		
06528		XA522	47		XA517	57				16B	9		TWRGOS	01	TWRGRA	01	1	TQ2	D4		25B		
06529		XA517	57		XA516	61				16B	9		TWRGOS	02	TWRGOS	00	1	TQ2	E3		30B	WRITE DELAY BIT 0	
06530		XA516	61		XA515	61				16B	9		TWRGOS	03	TWRG1R	01	2	TQ2	E4		32B		
06531		XA515	61		XA515	49				16B	9		TWRGOS	04	TWRG2A	01	1	TD4	E1		32B		
06532		XA515	49										TWRGOS	05	TWRGOR	01	1	TD4	D1		26B		
06533		XA516	53		XA524	51				16B	9		TWRG00	01	TWRG0A	01	1	TQ2	E3		28B		
06534		XA524	51										TWRG00	02	TWRG00	00	1	TT3	D3		27B		
06536		XA515	52		XA516	69				16B	9		TWRG1A	02	TWRGOR	01	2	TD4	D1		24A		
06537		XA516	69										TWRG1A	03	TWRG1A	00	1	TQ2	E3		35A		
04784		XA515	72		XA517	77				16B	9		TWRG1R	00	TLCC2A	01	2	TD4	F2		34A		BOB
06538		XA517	77		XA516	63				16B	9		TWRG1R	01	TWRG3A	01	1	TQ2	F1		38B		
06539		XA516	63		XA517	59				16B	9		TWRG1R	02	TWRG1R	00	1	TQ2	E4		33B		
06540		XA517	59		XA522	49				16B	9		TWRG1R	03	TWRG1S	01	1	TQ2	E4		31B		
06541		XA522	49										TWRG1R	04	TWRGRA	01	2	TQ2	D4		26B		
04450		XA524	41		XA515	31				16B	9		TWRG1S	00	TWRG8A	01	1	TT3	D2		22B		CO1
06542		XA515	31		XA515	38				16B	9		TWRG1S	01	TWRG4A	01	2	TD4	C2		15B		
06543		XA515	38		XA516	59				16B	9		TWRG1S	02	TWRG6A	01	2	TD4	C1		18A		
06544		XA516	59		XA517	63				16B	9		TWRG1S	03	TWRG1R	01	1	TQ2	E4		31B		
06545		XA517	63		XA518	60				16B	9		TWRG1S	04	TWRG1S	00	1	TQ2	E4		33B	WRITE DELAY BIT 1	
06546		XA518	60		XA512	64				16B	9		TWRG1S	05	UW4BCA	01	2	TT3	E2		28A		D01
06547		XA512	64										TWRG1S	06	UWR10A	01	2	TQ2	E2		30A		D01
06548		XA517	61		XA515	59				16B	9		TWRG2A	01	TWRG1S	01	2	TQ2	E4		32B		
06549		XA515	59										TWRG2A	02	TWRG2A	00	1	TD4	E1		31B		
06550		XA410	71		XA504	60				16B	9		TWRG2R	01	TWRG2S	01	1	TD4	F2		36A		
06551		XA504	60		XA518	73				16B	9		TWRG2R	02	TWR11A	01	2	TS8	F1		28A		
06552		XA518	73										TWRG2R	03	TWRG2R	00	1	TT3	F1		36B		
01668		XA508	31		XA518	75				16B	9		TWRG2S	01	TFST6A	01	2	TD4	C2		15B		
06554		XA518	75		XA516	65				16B	9		TWRG2S	02	TWRG2R	01	1	TT3	F1		37B		
06555		XA516	65		XA509	76				16B	9		TWRG2S	03	TWRG1A	01	1	TQ2	F3		34B		
06556		XA509	76		XA410	69				16B	9		TWRG2S	04	TNSGMA	01	2	TT3	E3		37A		
06557		XA410	69										TWRG2S	05	TWRG2S	00	1	TD4	F2		35A	WRITE DELAY BIT 2	
06558		XA518	77		XA517	75				16B	9		TWRG3A	01	TWRG2R	01	2	TT3	F1		38B		
06559		XA517	75										TWRG3A	02	TWRG3A	00	1	TQ2	F1		37B		
06560		XA410	72		XA515	33				16B	9		TWRG4A	01	TWRG2S	01	2	TD4	F2		34A		
06561		XA515	33										TWRG4A	02	TWRG4A	00	1	TD4	C2		16B		
												****	SIGNAL	TWRG6A	IS ON THE NEXT PAGE				****				

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	PREFIX	CONNECTOR	PIN	WIRE NO	PREFIX	CONNECTOR	PIN	WIRE NO	MULTI GROUP	CODE	COLOR	IDENTY											
06562		XA515	35		XA512	26				16B	9		TWRG6A	01	TWRG6A	00	1	TD4	C1		17B		
06563		XA512	26		XA410	73				16B	9		TWRG6A	02	TWRG6A	01	2	TQ2	B1		14A		
06564		XA410	73										TWRG6A	03	TWRG2S	01	3	TD4	F2		36B		
06565		XA524	43		XA410	74				16B	9		TWRG8A	01	TWRG8A	00	1	TT3	D2		23B		
06566		XA410	74										TWRG8A	02	TWRG2S	01	4	TD4	F2		35B		
06569		XA425	33		XA527	38				16B	9		TWRIEP	01	TWRIEP	00	1	TDD	FP		16B		
06570		XA527	38		XA524	47				16B	9		TWRIEP	02	TCSD00	01	6	TS8	C1		18A		
06571		XA524	47		XA516	79				16B	9		TWRIEP	03	TWRG00	01	2	TT3	D3		25B		
06572		XA516	79		XA503	20				16B	9		TWRIEP	04	TWENCO	01	2	TQ2	F1		39B		
06573		XA503	20		XA518	25				16B	9		TWRIEP	05	TNDA2A	01	4	TS8	B1		11A		
07458		XA518	25										TWRIEP	06	TTRS00	01	3	TT3	B3		12B		C06 C06
06574		XA509	69		XA425	31				16B	9		TWRIEQ	01	TNSGMA	01	1	TT3	F3		35A		
06576		XA425	31										TWRIEQ	03	TWRIEQ	00	1	TDD	FQ		15B		ERASE COMMAND F/F B08
06577		XA410	06		XA505	66				16B	9		TWRIRA	01	TCRS70	01	1	TD4	A1		05A		
06578		XA505	66										TWRIRA	02	TWRIRA	00	1	TQ2	E1		31A		
06579		XA505	73		XA516	77				16B	9		TWRITP	01	TNSGA0	01	2	TQ2	F2		36B		
06580		XA516	77		XA524	45				16B	9		TWRITP	02	TWENCO	01	1	TQ2	F1		38B		
06581		XA524	45		XA527	37				16B	9		TWRITP	03	TWRG00	01	1	TT3	D3		24B		
06582		XA527	37		XA428	48				16B	9		TWRITP	04	TCSD00	01	5	TS8	C1		18B		
06583		XA428	48		XA425	45				16B	9		TWRITP	05	TWRIT0	01	1	TQ2	D2		22A		
06584		XA425	45		XA407	50				16B	9		TWRITP	06	TWRITP	00	1	TDD	HP		24B		
06585		XA407	50							16B	9		TWRITP	07	TSTR7A	01	2	TQ2	D2		23A		
06586		XA524	75		XA521	43				16B	9		TWRITQ	01	UW5BCA	01	1	TT3	F1		37B		
06587		XA521	43		XA518	53				16B	9		TWRITQ	02	TWTOCA	01	1	TS8	D1		23B		
06588		XA518	53		XA512	71				16B	9		TWRITQ	03	UW4BCA	01	1	TT3	E2		28B		
06589		XA512	71		XA512	62				16B	9		TWRITQ	04		01	1	TQ2	F2		34A		
06590		XA512	62		XA507	30				16B	9		TWRITQ	05	UWRIOA	01	1	TQ2	E2		29A		
06591		XA507	30		XA511	23				16B	9		TWRITQ	06	TWRQ0A	01	1	TS8	C1		15A		
06592		XA511	23		XA515	06				16B	9		TWRITQ	07	TWRQ6A	01	1	TQ2	B4		11B		
06593		XA515	06		XA425	43				16B	9		TWRITQ	08	TLCC0A	01	1	TD4	A1		05A		
06594		XA425	43										TWRITQ	09	TWRITQ	00	1	TDD	HQ		23B		WRITE COMMAND F/F
06595		XA429	30		XA429	37				16B	9		TWRITQ	01	TXED1A	01	1	TD4	C2		15A		
06596		XA429	37		XA429	43				16B	9		TWRITQ	02	TXED0A	01	1	TD4	C1		18B		
06597		XA429	43		XA428	46				16B	9		TWRITQ	03	TXED3A	01	1	TD4	D2		23B		
06598		XA428	46		XA429	49				16B	9		TWRITQ	04	TWRITQ	00	1	TQ2	D2		21A		
06599		XA429	49		XA429	61				16B	9		TWRITQ	05	TXED2A	01	1	TD4	D1		26B		
06600		XA429	61		XA515	37				16B	9		TWRITQ	06	TXDPEA	01	1	TD4	F1		32B		
06601		XA515	37										TWRITQ	07	TWRG6A	01	1	TD4	C1		18B		
06604		XA507	23		XA512	24				16B	9		TWRIOR	01	TWRIOR	00	1	TS8	B1		11B		
06605		XA512	24		XA515	73				16B	9		TWRIOR	02	TWRIOS	01	1	TQ2	B1		13A		
06606		XA515	73										TWRIOR	03	TLCC2A	01	3	TD4	F2		36B		
												****	SIGNAL	{TWRIOS }	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	SPEC	PREFIX	CONNECTOR	PIN	SPEC	MULTI GROUP	CODE	COLOR	IDENT											SPEC				
06607		XA508	61		XA510	56				16B	9		TWRI0S	01	TWRI2A	01	1	TD4	E1	32B							
06608		XA510	56		XA515	43				16B	9		TWRI0S	02	TWRI1R	01	3	TT3	D1	26A							
06609		XA515	43		XA512	22				16B	9		TWRI0S	03	TND01A	01	1	TD4	D2	23B							
06610		XA512	22		XA507	14				16B	9		TWRI0S	04	TWRI0S	00	1	TQ2	B1	12A	WRITE COUNTER BIT						
06611		XA507	14										TWRI0S	05	TWRI0R	01	1	TS8	B1	09A							
06612		XA504	59		XA507	19				16B	9		TWRI1A	01	TWRI1A	00	1	TS8	E1	31B							
06613		XA507	19										TWRI1A	02	TWRI0R	01	3	TS8	B1	09B							
06614		XA511	47		XA510	50				16B	9		TWRI1R	01	TWRI1S	01	1	TQ2	D4	25B							
06615		XA510	50		XA504	62				16B	9		TWRI1R	02	TWRI1R	00	1	TT3	D1	23A							
06616		XA504	62										TWRI1R	03	TWRI1A	01	4	TS8	E1	29A							
06617		XA518	33		XA510	52				16B	9		TWRI1S	01	TWRI4A	01	1	TT3	C3	16B							
06618		XA510	52		XA511	51				16B	9		TWRI1S	02	TWRI1R	01	1	TT3	D1	24A							
06619		XA511	51		XA512	70				16B	9		TWRI1S	03	TWRI1S	00	1	TQ2	D4	27B	WRITE COUNTER BIT						
06620		XA512	70		XA505	68				16B	9		TWRI1S	04	TWRI2R	01	2	TQ2	E1	33A							
06621		XA505	68										TWRI1S	05	TWRI1R	01	1	TQ2	E1	32A							
06622		XA508	59		XA511	49				16B	9		TWRI2A	01	TWRI2A	00	1	TD4	E1	31B							
06623		XA511	49		XA511	07				16B	9		TWRI2A	02	TWRI1S	01	2	TQ2	D4	26B							
06624		XA511	07										TWRI2A	03	TWRI1S	01	2	TQ2	A3	03A							
06625		XA438	39		XA423	52				16B	9		TWRI2R	01	TW07BPR	02	1	PAR	C1	19B							
06626		XA423	52		XA422	52				16B	9		TWRI2R	02	TW00DTA	01	3	MUX	D1	25A							
06627		XA422	52		XA518	69				16B	9		TWRI2R	03	TW04DTA	01	3	MUX	D1	25A							
06628		XA518	69		XA512	66				16B	9		TWRI2R	04	UWRICO	01	1	TT3	F3	35A		D01					
06629		XA512	66		XA511	62				16B	9		TWRI2R	05	TWRI2R	00	1	TQ2	E1	31A							
06630		XA511	62		XA511	68				16B	9		TWRI2R	06	TWRI5A	01	1	TQ2	E2	29A							
06631		XA511	68		XA508	66				16B	9		TWRI2R	07	TWRI2S	01	1	TQ2	E1	32A							
06632		XA508	66		XA505	70				16B	9		TWRI2R	08	TWRI2A	01	2	TD4	E1	31A							
06633		XA505	70										TWRI2R	09	TWRI1R	01	2	TQ2	E1	33A							
06634		XA510	41		XA511	66				16B	9		TWRI2S	01	TWRI6A	01	1	TT3	D2	22B							
06635		XA511	66		XA512	68				16B	9		TWRI2S	02	TWRI2S	00	1	TQ2	E1	31A	WRITE COUNTER BIT						
06636		XA512	68		XA516	47				16B	9		TWRI2S	03	TWRI2R	01	1	TQ2	E1	32A							
06637		XA516	47		XA543	36				16B	9		TWRI2S	04	UWLKOA	01	1	TQ2	D4	25B		D01					
06567		XA543	36										TWRI2S	05	TW0BCD4	01	2	TLD	C2	17A		D01					
06638		XA512	51		XA510	54				16B	9		TWRI3A	01	TWRI3A	00	1	TQ2	D4	27B							
06639		XA510	54										TWRI3A	02	TWRI1R	01	2	TT3	D1	25A							
06640		XA508	68		XA510	51				16B	9		TWRI3R	01	TWRI2A	01	3	TD4	E1	32A							
06641		XA510	51		XA505	41				16B	9		TWRI3R	02	TWRI3R	00	1	TT3	D3	27B							
06642		XA505	41										TWRI3R	03	TWRI3S	01	1	TQ2	D3	22B							
06643		XA512	47		XA510	45				16B	9		TWRI3S	01	TWRI3A	01	1	TQ2	D4	25B							
06644		XA510	45		XA505	45				16B	9		TWRI3S	02	TWRI3R	01	1	TT3	D3	24B							
06645		XA505	45										TWRI3S	03	TWRI3S	00	1	TQ2	D3	24B	WRITE COUNTER BIT						
													***	SIGNAL	TWRI4A											IS ON THE NEXT PAGE	***

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 DRAWING NUMBER
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149016-800
 CARD CAGE ASSY,A,IFCU

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	PREFIX	CONNECTOR	PIN	WIRE	PREFIX	CONNECTOR	PIN	WIRE	MULTI GROUP	CODE	COLOR	IDENT												
06646		XA518	39		XA511	70				16B	9		TWRI4A	01	TWRI4A	00	1	TT3	C3		19B			
06647		XA511	70										TWRI4A	02	TWRI2S	01	2	TQ2	E1		33A			
06648		XA510	47		XA511	60				16B	9		TWRI5A	01	TWRI3R	01	2	TT3	D3		25B			
06649		XA511	60										TWRI5A	02	TWRI5A	00	1	TQ2	E2		28A			
06650		XA505	43		XA510	43				16B	9		TWRI6A	01	TWRI3S	01	2	TQ2	D3		23B			
06651		XA510	43										TWRI6A	02	TWRI6A	00	1	TT3	D2		23B			
06652		XA436	36		XA425	76				16B	9		TWRQCP	01	TWRQ4P	01	1	TDD	FP		17A			
06653		XA425	76		XA514	75				16B	9		TWRQCP	02	TWRQCP	00	1	TDD	LP		37A		E01	
01288		XA514	75		XA514	06				16B	9		TWRQCP	03	TWRQ2P	01	1	TDD	LP		37B		E01	
06655		XA514	06		XA513	06				16B	9		TWRQCP	04	TWRQ0P	01	1	TDD	AP		05A			
06656		XA513	06		XA513	04				16B	9		TWRQCP	05	TWRQ1P	01	1	TDD	AP		05A			
06657		XA513	04										TWRQCP	06	TWRQ3P	01	1	TDD	BP		04A			
06658		XA507	35		XA509	10				16B	9		TWRQ0A	01	TWRQ0A	00	1	TS8	C1		17B			
06659		XA509	10										TWRQ0A	02	TWRQ0S	01	3	TT3	A1		07A			
08347		XA514	11		XA507	38				16B	9		TWRQ0P	01	TWRQ0P	00	1	TDD	AP		05B		D01	
01299		XA507	38										TWRQ0P	02	TWRQ0A	01	6	TS8	C1		18A		D01	
06660		XA513	08		XA514	13				16B	9		TWRQ0Q	01	TWRQ1I	01	1	TDD	AI		06A			
06661		XA514	13										TWRQ0Q	02	TWRQ0Q	00	1	TDD	AQ		06B		WRITE REQUEST DELA	
06662		XA512	17		XA510	04				16B	9		TWRQ0R	01	TWRQ3A	01	1	TQ2	B3		08B			
06663		XA510	04		XA509	06				16B	9		TWRQ0R	02	TWRQ0R	00	1	TT3	A1		04A			
06664		XA509	06										TWRQ0R	03	TWRQ0S	01	1	TT3	A1		05A			
06665		XA509	04		XA510	06				16B	9		TWRQ0S	01	TWRQ0S	00	1	TT3	A1		04A			
06666		XA510	06		XA512	18				16B	9		TWRQ0S	02	TWRQ0R	01	1	TT3	A1		05A			
06667		XA512	18										TWRQ0S	03	TWRQ2A	01	1	TQ2	B2		10A			
06668		XA511	21		XA510	08				16B	9		TWRQ1A	01	TWRQ1A	00	1	TQ2	B3		10B			
06669		XA510	08		XA418	60				16B	9		TWRQ1A	02	TWRQ0R	01	2	TT3	A1		06A			
06670		XA418	60										TWRQ1A	03	TXXRCO	01	2	TS8	E1		28A			
01716		XA507	40		XA513	11				16B	9		TWRQ1P	01	TWRQ0A	01	7	TS8	C1		19A		D01	
08348		XA513	11		XA514	08				16B	9		TWRQ1P	02	TWRQ1P	00	1	TDD	AP		05B		D01	
06703		XA514	08		XA514	79				16B	9		TWRQ1P	03	TWRQ0I	01	1	TDD	AI		06A		E01	
01676		XA514	79										TWRQ1P	04	TWRQ2N	01	1	TDD	LN		39B		E01	
06673		XA516	68		XA510	07				16B	9		TWRQ1R	01	TWRQ1S	01	1	TQ2	E1		32A			
06674		XA510	07										TWRQ1R	02	TWRQ1R	00	1	TT3	A2		03A			
06675		XA510	01		XA511	17				16B	9		TWRQ1S	01	TWRQ1R	01	1	TT3	A2		02B			
06676		XA511	17		XA516	66				16B	9		TWRQ1S	02	TWRQ1A	01	1	TQ2	B3		08B			
06677		XA516	66										TWRQ1S	03	TWRQ1S	00	1	TQ2	E1		31A			
06678		XA516	70		XA512	14				16B	9		TWRQ2A	01	TWRQ1S	01	2	TQ2	E1		33A			
										****		SIGNAL	TWRQ2A		IS ON THE						****			

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149016-800
CARD CAGE ASSY,A,IFCU

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	PREFIX	CONNECTOR	PIN	USE	PREFIX	CONNECTOR	PIN	USE	MULTI GROUP	CODE	COLOR	IDENTY												SPEC INST
06711		XA509	08										TWRQ6A	02	TWRQ0S	01	2	TT3	A1		06A			
06712		XA510	35		XA511	30				16B	9		TWRQ7A	01	TWRQ3R	01	2	TT3	C3		17B			
06713		XA511	30										TWRQ7A	02	TWRQ7A	00	1	TQ2	C2		15A			
01705		XA514	77		XA505	75				16B	9		TWRQ9A	01	TWRQ2I	01	1	TDD	LI		38B	E01		
06488		XA505	75							16B	9		TWRQ9A	02	TWR09A	00	1	TQ2	F1		37B	D01		
06714		XA426	51		XA425	48				16B	9		TWRT10	01	TWRT10	00	1	TQ2	D4		27B			
06715		XA425	48										TWRT10	02	TWRT10	01	1	TDD	HI		22A			
06716		XA425	34		XA426	39				16B	9		TWRT20	01	TWRIEI	01	1	TDD	FI		14A			
06717		XA426	39										TWRT20	02	TWRT20	00	1	TQ2	C4		19B			
06718		XA426	33		XA425	54				16B	9		TWRT30	01	TWRT30	00	1	TQ2	C3		16B			
06719		XA425	54		XA518	06				16B	9		TWRT30	02	TWTSTI	01	1	TDD	GI		25A			
06720		XA518	06		XA518	01				16B	9		TWRT30	03	TWRT6A	01	1	TT3	A1		05A			
06721		XA518	01		XA518	09				16B	9		TWRT30	04	TWRT7A	01	1	TT3	A2		02B			
06722		XA518	09		XA518	22				16B	9		TWRT30	05	UWRT8A	01	1	TT3	A3		04B	D04		
06723		XA518	22										TWRT30	06	UWRT9A	01	1	TT3	B1		12A	D04		
06724		XA517	08		XA518	04				16B	9		TWRT6A	01	TRST00	01	1	TQ2	A1		06A			
06725		XA518	04										TWRT6A	02	TWRT6A	00	1	TT3	A1		04A			
06726		XA517	04		XA518	07				16B	9		TWRT7A	01	TRST10	01	1	TQ2	A2		04A			
06727		XA518	07										TWRT7A	02	TWRT7A	00	1	TT3	A2		03A			
06732		XA425	47		XA521	55				16B	9		TWTSTP	01	TWTSTP	00	1	TDD	GP		25B			
06733		XA521	55										TWTSTP	02	TRRCA	01	1	TS8	E1		29B			
06734		XA505	13		XA521	47				16B	9		TWTOCA	01	TS29S0	01	2	TQ2	A4		06B			
06735		XA521	47										TWTOCA	02	TWTOCA	00	1	TS8	D1		25B		WRITE COMMAND IOU	
06736		XA543	08		XA540	20				16B	9		TWOODTA	01	TWDB0D	01	1	TLD	A1		06A			
06737		XA540	20		XA438	31				16B	9		TWOODTA	02	UWLCOER	01	1	EOR	B4		10A		D01	
06738		XA438	31		XA423	55				16B	9		TWOODTA	03	TW07BPR	01	1	PAR	C1		15B			
06739		XA423	55										TWOODTA	04	TWOODTA	00	1	MUX	D1		27B		WRITE DATA BIT 0 M	
06740		XA423	61		XA438	33				16B	9		TWOODTB	01	TWOODTB	00	1	MUX	D2		31B			
06741		XA438	33		XA543	04				16B	9		TWOODTB	02	TW07BPR	01	2	PAR	C1		16B			
06742		XA543	04		XA540	31				16B	9		TWOODTB	03	TWDB1D	01	1	TLD	A2		04A			
06743		XA540	31										TWOODTB	04	UWLC1ER	01	1	EOR	C1		15B		D01	
06744		XA540	37		XA543	03				16B	9		TWOODTC	01	UWLC2ER	01	1	EOR	C2		18B		D01	
06745		XA543	03		XA438	35				16B	9		TWOODTC	02	TWDB2D	01	1	TLD	A3		02A			
06746		XA438	35		XA423	60				16B	9		TWOODTC	03	TW07BPR	01	3	PAR	C1		17B			
06747		XA423	60										TWOODTC	04	TWOODTC	00	1	MUX	D3		28A			
06748		XA423	63		XA438	37				16B	9		TWOODTD	01	TWOODTD	00	1	MUX	D4		31A			
06749		XA438	37		XA543	11				16B	9		TWOODTD	02	TW07BPR	01	4	PAR	C1		18B			
												****	SIGNAL	(TWOODTD)	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 OP. PLANE	TEST POINTS AND/OR	SIGNAL DESCRIPTION	ECO NO
	PREFIX	CONNECTOR	PIN	TO	PREFIX	CONNECTOR	PIN	TO	MULTI GROUP	CODE	COLOR	IDENT										
06750		XA543	11		XA540	40				16B	9		TW00DTD	03	TWDB3D	01	1	TLD	A4		05B	
06751		XA540	40										TW00DTD	04	UWLC3ER	01	1	EOR	C3		19A	D01
06752		XA421	73		XA423	51				16B	9		TW01DTA	01	TW01DTA	00	1	MUX	F1		34B	
06753		XA423	51										TW01DTA	02	TW00DTA	01	1	MUX	D1		25B	
06754		XA423	57		XA421	79				16B	9		TW01DTB	01	TW00DTB	01	1	MUX	D2		29B	
06755		XA421	79										TW01DTB	02	TW01DTB	00	1	MUX	E2		37B	
06756		XA421	74		XA423	54				16B	9		TW01DTC	01	TW01DTC	00	1	MUX	E3		36A	
06757		XA423	54										TW01DTC	02	TW00DTC	01	1	MUX	D3		26A	
06758		XA423	62		XA421	80				16B	9		TW01DTD	01	TW00DTD	01	1	MUX	D4		29A	
06759		XA421	80										TW01DTD	02	TW01DTD	00	1	MUX	E4		38B	
06760		XA422	73		XA423	53				16B	9		TW02DTA	01	TW02DTA	00	1	MUX	F1		34B	
06761		XA423	53										TW02DTA	02	TW00DTA	01	2	MUX	D1		26B	
06762		XA423	59		XA422	79				16B	9		TW02DTB	01	TW00DTB	01	2	MUX	D2		30B	
06763		XA422	79										TW02DTB	02	TW02DTB	00	1	MUX	E2		37B	
06764		XA422	74		XA423	56				16B	9		TW02DTC	01	TW02DTC	00	1	MUX	E3		36A	
06765		XA423	56										TW02DTC	02	TW00DTC	01	2	MUX	D3		28B	
06766		XA423	64		XA422	80				16B	9		TW02DTD	01	TW00DTD	01	2	MUX	D4		30A	
06767		XA422	80										TW02DTD	02	TW02DTD	00	1	MUX	E4		38B	
06768		XA543	24		XA540	34				16B	9		TW04DTA	01	TWDB4D	01	1	TLD	B1		13A	
06769		XA540	34		XA438	38				16B	9		TW04DTA	02	UWLC4ER	01	1	EOR	C4		16A	D01
06770		XA438	38		XA422	55				16B	9		TW04DTA	03	TW07BPR	01	5	PAR	C1		18A	
06771		XA422	55										TW04DTA	04	TW04DTA	00	1	MUX	D1		27B	WRITE DATA BIT 4 M
06772		XA422	61		XA438	36				16B	9		TW04DTB	01	TW04DTB	00	1	MUX	D2		31B	
06773		XA438	36		XA543	18				16B	9		TW04DTB	02	TW07BPR	01	6	PAR	C1		17A	
06774		XA543	18		XA540	43				16B	9		TW04DTB	03	TWDB5D	01	1	TLD	B2		10A	
06775		XA540	43										TW04DTB	04	UWLC5ER	01	1	EOR	D1		23B	D01
06776		XA540	49		XA543	17				16B	9		TW04DTC	01	UWLC6ER	01	1	EOR	D2		26B	D01
06777		XA543	17		XA438	34				16B	9		TW04DTC	02	TWDB6D	01	1	TLD	B3		08B	
06778		XA438	34		XA422	60				16B	9		TW04DTC	03	TW07BPR	01	7	PAR	C1		16A	
06779		XA422	60										TW04DTC	04	TW04DTC	00	1	MUX	D3		28A	
06780		XA422	63		XA438	30				16B	9		TW04DTD	01	TW04DTD	00	1	MUX	D4		31A	
06781		XA438	30		XA543	23				16B	9		TW04DTD	02	TW07BPR	01	8	PAR	C1		15A	
06782		XA543	23		XA540	54				16B	9		TW04DTD	03	TWDB7D	01	1	TLD	B4		11B	
06783		XA540	54										TW04DTD	04	UWLC7ER	01	1	EOR	D3		25A	D01
06784		XA423	73		XA422	51				16B	9		TW05DTA	01	TW05DTA	00	1	MUX	F1		34B	
06785		XA422	51										TW05DTA	02	TW04DTA	01	1	MUX	D1		25B	
										****	SIGNAL	TW05DTB	IS ON THE NEXT PAGE ****									

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	PREFIX	CONNECTOR	PIN	USE	PREFIX	CONNECTOR	PIN	USE	MULTI GROUP	CODE	COLOR	IDENT									AND	OR		
06786		XA422	57		XA423	79				16B	9		TW05DTB	01	TW04DTB	01	1	MUX	D2		29B			
06787		XA423	79										TW05DTB	02	TW05DTB	00	1	MUX	E2		37B			
06788		XA423	74		XA422	54				16B	9		TW05DTC	01	TW050TC	00	1	MUX	E3		36A			
06789		XA422	54										TW05DTC	02	TW04DTC	01	1	MUX	D3		26A			
06790		XA422	52		XA423	80				16B	9		TW05DTD	01	TW04DTD	01	1	MUX	D4		29A			
06791		XA423	80										TW05DTD	02	TW05DTD	00	1	MUX	E4		38B			
06792		XA424	73		XA422	53				16B	9		TW06DTA	01	TW06DTA	00	1	MUX	E1		34B			
06793		XA422	53										TW06DTA	02	TW04DTA	01	2	MUX	D1		26B			
06794		XA422	59		XA424	79				16B	9		TW06DTB	01	TW04DTB	01	2	MUX	D2		30B			
06795		XA424	79										TW06DTB	02	TW06DTB	00	1	MUX	E2		37B			
06796		XA424	74		XA422	56				16B	9		TW06DTC	01	TW06DTC	00	1	MUX	E3		36A			
06797		XA422	56										TW06DTC	02	TW04DTC	01	2	MUX	D3		28B			
06798		XA422	64		XA424	80				16B	9		TW06DTD	01	TW04DTD	01	2	MUX	D4		30A			
06799		XA424	80										TW06DTD	02	TW06DTD	00	1	MUX	E4		38B			
06800		XA543	40		XA540	26				16B	9		TW07BPR	01	TWDBPD	01	1	TLD	C1		19A			
06801		XA540	26		XA438	42				16B	9		TW07BPR	02	UWLCPER	01	1	EOR	B3		13A		DOI	
06802		XA438	42										TW07BPR	03	TW07BPR	00	1	PAR	C1		20A	WRITE DATA PARITY		
06809		XA444	30		XA443	30				16B	9	P	TXACMD	01	TXACMB4	01	1	TLD	C2		15A			
06810		XA443	30		XA441	36				16B	9	P	TXBCMD	02	TXACMB4	02	1	TLD	C2		15A			
06811		XA441	36		XA442	19				16B	9		TXACMB4	03	TXRCMS	01	2	TQ2	C2		17A			
06812		XA442	19										TXACMB4	04				RR4	B5					
06813		XA444	30									J	TXACMD	01	TXACMD	00	1	TLD	C2		15A	TXACMB4 BUSS		
08351		XA446	60									J	TXACMDX	01	TXACMDX	00	1	DCF	C5		31B	TACMAB BUSS		
06814		XA431	06		XA444	36				16B	9		TXACMOX	01	TXARSA	01	1	TT3	A1		05A			
06815		XA444	36		XA446	57				16B	9		TXACMOX	02	TXACMD	01	2	TLD	C2		17A			
06816		XA446	57										TXACMOX	03	TXACMOX	00	1	DCF	C6		31A			
06817		XA444	48		XA444	47				16B	9		TXADEA	01	TXAR1D1	01	1	TLD	D2		22A			
06818		XA444	47		XA441	63				16B	9		TXADEA	02	TXBR1D1	01	1	TLD	D4		25B			
06819		XA441	63		XA439	78				16B	9		TXADEA	03	TXADEA	00	1	TQ2	E4		33B			
06820		XA439	78										TXADEA	04	TXAD1A	01	2	TQ2	F4		38A			
63697		XA148	41		XA348	79				16B	9		TXADEB	01				EXT					B04	
64593		XA348	79		XA448	01				16B	9		TXADEB	02				SHT					E04	
02716		XA448	01										TXADEB	03				EXT					E04	
64591		XA348	77		XA328	76				16B	9		TXADE04	005				SHT					B04	
63441		XA328	76		XA228	76				16B	9		TXADE04	01	MXADEA	01	1	TQ2	F4		37A			
43600		XA228	76		XA239	65				16B	9		TXADE04	02	LXADEA	01	1	TQ2	F4		37A			
										****	SIGNAL		TXADE04		IS ON THE			NEXT PAGE		****				

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	PREFIX	CONNECTOR	PIN	SHFG	PREFIX	CONNECTOR	PIN	SHFG	MULTI-GROUP	CODE	COLOR	IDENT												SPEC INST MISC	
43601		XA239	65		XA242	41				168	9			TXADE04	03	LXAD6A	01	1	TQ2	F3	34B				
43603		XA242	41		XA242	54				168	9			TXADE04	04	LXBR6D1	01	1	TLD	D3	22B				
43602		XA242	54		XA342	41				168	9			TXADE04	05	LXAR6D1	01	1	TLD	D1	25A				
53444		XA342	41		XA342	54				168	9			TXADE04	06	MXBR6D1	01	1	TLD	D3	22B				
53443		XA342	54		XA339	65				168	9			TXADE04	07	MXAR6D1	01	1	TLD	D1	25A				
53442		XA339	65		XA439	74				168	9			TXADE04	08	MXAD6A	01	1	TQ2	F3	34B				
06821		XA439	74		XA441	59				168	9			TXADE04	09	TXAD0A	01	2	TQ2	F3	35B				
06822		XA441	59		XA444	41				168	9			TXADE04	10	TXADEA	01	1	TQ2	F4	31B				
06823		XA444	41		XA444	54				168	9			TXADE04	11	TXBR0D1	01	1	TLD	D3	22B				
06824		XA444	54		XA547	73				168	9			TXADE04	12	TXAR0D1	01	1	TLD	D1	25A		E04		
03377		XA547	73											TXADE04	14				RR4	H4			B02		
06826		XA441	57		XA433	61				168	9			TXADRO	01	TXADRO	00	1	TQ2	E3	30B	I/O ADDRESS FOR T			
06827		XA433	61		XA433	49				168	9			TXADRO	02	TXCA0A	01	1	TD4	E1	32B				
06828		XA433	49											TXADRO	03	TXEA0A	01	1	TD4	D1	26B				
06829		XA439	69		XA441	53				168	9			TXAD0A	01	TXAD0A	00	1	TQ2	F3	35A	ADDRESS 0 DECODE			
06830		XA441	53											TXAD0A	02	TXAD0A	01	1	TQ2	F3	28B				
06831		XA441	55		XA439	80				168	9			TXAD1A	01	TXADRO	01	2	TQ2	E3	29B				
06832		XA439	80											TXAD1A	02	TXAD1A	00	1	TQ2	F4	39A	ADDRESS 1 DECODE			
06833		XA441	31		XA442	36				168	9			TXAENB4	01	TXRENS	01	2	TQ2	C3	15B				
06834		XA442	36		XA443	33				168	9			TXAENB4	02				RR4	C1					
06835		XA443	33		XA444	33				168	9		P	TXBEND	03	TXAENB4	02	1	TLD	C3	16B				
06836		XA444	33										P	TXAEND	04	TXAENB4	01	1	TLD	C3	16B				
06837		XA444	33									J	TXAEND	01	TXAEND	00	1	TLD	C3	16B	TXAENB4 BUSS				
08352		XA446	43									J	TXAENDX	01	TXAENDX	00	1	DCE	C7	25A	TXAENB4 BUSS				
06838		XA431	08		XA444	31				168	9			TXAENOX	01	TXARSA	01	2	TT3	A1	06A				
06839		XA444	31		XA446	48				168	9			TXAENOX	02	TXAEND	01	2	TLD	C3	15B				
06840		XA446	48											TXAENOX	03	TXAENOX	00	1	DCE	C8	26A				
06841		XA440	75		XA441	77				168	9			TXAIEA	01	TXAIEA	00	1	TQ2	F1	37B	PORT A INPUT ENAB			
06842		XA441	77		XA441	71				168	9			TXAIEA	02	TXAIEO	01	1	TQ2	F1	38B				
06843		XA441	71											TXAIEA	03	TXAIEO	01	1	TQ2	F2	36A				
06844		XA444	03		XA444	04				168	9			TXAIEO	01	TXA2CD	01	1	TLD	A3	02A				
06845		XA444	04		XA444	08				168	9			TXAIEO	02	TXA1CD	01	1	TLD	A2	04A				
06846		XA444	08		XA444	11				168	9			TXAIEO	03	TXA0CD	01	1	TLD	A1	06A				
06847		XA444	11		XA444	17				168	9			TXAIEO	04	TXA3CD	01	1	TLD	A4	05B				
06848		XA444	17		XA444	18				168	9			TXAIEO	05	TXA6CD	01	1	TLD	B3	08B				
06849		XA444	18		XA444	24				168	9			TXAIEO	06	TXA5CD	01	1	TLD	B2	10A				
06850		XA444	24		XA444	23				168	9			TXAIEO	07	TXA4CD	01	1	TLD	B1	13A				
06851		XA444	23		XA441	75				168	9			TXAIEO	08	TXA7CD	01	1	TLD	B4	11B				
06852		XA441	75											TXAIEO	09	TXAIEO	00	1	TQ2	F1	37B				
06853		XA441	72		XA444	40				168	9			TXAIEO	01	TXAIEO	00	1	TQ2	F2	34A				
													****	SIGNAL		TXAIEO	IS ON THE		NEXT PAGE		****				

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	PREFIX	CONNECTOR	PIN		PREFIX	CONNECTOR	PIN															
06989 06990		XA445 XA446	70 68			XA446 68			16B	9		TXBSL0X TXBSL0X	06 07	TXBSTOX TXBSL0X	01 00	1 1	DCF DCE	D8 D8		35A 34A		
64905 64906		XA348 XA450	10 23			XA450 23			16B	9		TXBSTB TXBSTB	01 02				SHT EXT				B04 B04	
01152 65636		XA445 XA347	59 16	2		XA347 16	2		16B	9		TXBSTBG TXBSTBG	01 02				DCF				C01 C01	
64798 06991 06992		XA348 XA442 XA445	08 46 61			XA442 XA445			16B 16B	9 9		TXBSTDX4 TXBSTDX4 TXBSTDX4	00 01 02				SHT RR4 DCE					B04
												TXBSTDX4	00	TXBSTDX400	1		DCF			33A	PORT B STATUS DR	
06993		XA443	06								J	TXB0CD	01	TXB0CD	00	1	TLD	A1		05A	TXA0CB4 BUSS	
08384		XA445	07								J	TXB0CDX	01	TXB0CDX	00	1	DCF	A1		02B	TA00BB BUSS	
06994 06995		XA443 XA445	10 09			XA445 09			16B	9		TXB0COX TXB0COX	01 02	TXB0CD	01 00	2 1	TLD DCF	A1 A2		07A 03B		
06996 06997 06998 06999		XA433 XA445 XA445 XA445	09 06 36 52			XA445 XA445 XA445			16B 16B 16B	9 9 9		TXB0EA TXB0EA TXB0EA TXB0EA	01 02 03 04	TXB0EA TXB0CDX TXB4CDX TXBPCDX	00 01 01 01	1 1 1 1	TD4 DCF DCF DCF	A2 A1 B1 C1		04B 05A 13A 29A	PORT B OUTPUT ENA	
07000		XA443	01								J	TXB1CD	01	TXB1CD	00	1	TLD	A2		02B	TXA1CB4 BUSS	
08394		XA445	17								J	TXB1CDX	01	TXB1CDX	00	1	DCF	A3		07B	TA01BB BUSS	
07001 07002		XA443 XA445	05 15			XA445 15			16B	9		TXB1COX TXB1COX	01 02	TXB1CD	01 00	2 1	TLD DCF	A2 A4		03B 06B		
07003		XA443	09								J	TXB2CD	01	TXB2CD	00	1	TLD	A3		04B	TXA2CB4 BUSS	
08395		XA445	14								J	TXB2CDX	01	TXB2CDX	00	1	DCF	A5		08B	TA02BB BUSS	
07004 07005		XA443 XA445	07 10			XA445 10			16B	9		TXB2COX TXB2COX	01 02	TXB2CD	01 00	2 1	TLD DCF	A3 A6		03A 07A		
07006		XA443	15								J	TXB3CD	01	TXB3CD	00	1	TLD	A4		07B	TXA3CB4 BUSS	
08396		XA445	01								J	TXB3CDX	01	TXB3CDX	00	1	DCF	A7		02A	TA03BB BUSS	
07007 07008		XA443 XA445	13 03			XA445 03			16B	9		TXB3COX TXB3COX	01 02	TXB3CD	01 00	2 1	TLD DCF	A4 A8		06B 03A		
07009		XA443	22								J	TXB4CD	01	TXB4CD	00	1	TLD	B1		12A	TXA4CB4 BUSS	
08397		XA445	27								J	TXB4CDX	01	TXB4CDX	00	1	DCF	B1		10B	TA04BB BUSS	
												****	SIGNAL	TXB4COX	IS ON THE NEXT PAGE						****	

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	PREFIX	CONNECTOR	PIN		PREFIX	CONNECTOR	PIN	MULTI GROUP	CODE	COLOR	IDENT											
01899		XA540	10		XA540	07		168	9			TXDEVR	05	TEB29ER	01	2	EOR	A3	05A		E01	
01900		XA540	07		XA540	70		168	9			TXDEVR	06	TEB19ER	01	2	EOR	A2	05B		E01	
01922		XA540	70									TXDEVR	07	TEB09ER	01	2	EOR	F4	34A		E01	
07117		XA437	30		XA430	21		168	9			TXDEVS	01	TXOV1A	01	1	TS8	C1	15A			
07118		XA430	21		XA429	14		168	9			TXDEVS	02	TEB5RA	01	1	TT3	B3	10B			
07119		XA429	14		XA426	63		168	9			TXDEVS	03	TXDEVR	01	1	TD4	B2	09A			
07120		XA426	63		XA527	14		168	9			TXDEVS	04	TXDEVS	00	1	TQ2	F4	33B	DEVICE COMMAND STOP	D04	
07187		XA527	14									TXDEVS	05	TEB0DA	01	1	TS8	B1	09A		D04	
07121		XA426	60		XA429	08		168	9			TXDEVO	01	TXDEVO	00	1	TQ2	E2	28A			
07122		XA429	08		XA430	08		168	9			TXDEVO	02	TXDV0A	01	2	TD4	A1	06A			
07123		XA430	08									TXDEVO	03	TXDV5A	01	2	TT3	A1	06A			
03389		XA428	60		XA431	47		168	9			TXDIRA	01	TXDIRA	00	1	TQ2	E2	28A			
07902		XA431	47					168	9			TXDIRA	02	TXDIR	01	2	TT3	D3	25B			
07124		XA406	77		XA507	22		168	9			TXDPEA	01	TS23S0	01	1	TQ2	F1	38B			
07125		XA507	22		XA429	59		168	9			TXDPEA	02	TWR10R	01	5	TS8	B1	12A			
07127		XA429	59									TXDPEA	04	TXDPEA	00	1	TD4	E1	31B	RECEIVE DATA PART	C03	
07128		XA446	49		XA445	49		168	9			TXDSBPR	01	TXAPCOX	01	1	DCF	C2	27B			
07129		XA445	49		XA438	25		168	9			TXDSBPR	02	TXBPCOX	01	1	DCF	C2	27B			
07130		XA438	25									TXDSBPR	03	TXDSBPR	00	1	PAR	B1	14A			
07131		XA426	06		XA429	10		168	9			TXDVCO	01	TXDVCO	00	1	TQ2	A1	05A			
07132		XA429	10		XA430	10		168	9			TXDVCO	02	TXDV0A	01	3	TD4	A1	07A			
07133		XA430	10									TXDVCO	03	TXDV5A	01	3	TT3	A1	07A			
07134		XA429	23		XA426	53		168	9			TXDVSR	01	TXDVSR	00	1	TD4	B1	11B			
07135		XA426	53									TXDVSR	02	TXDV5S	01	1	TQ2	E3	28B			
07136		XA437	55		XA426	57		168	9			TXDVSS	01	TXSS0A	01	1	TS8	E1	29B			
07137		XA426	57		XA429	22		168	9			TXDVSS	02	TXDVSS	00	1	TQ2	E3	30B	DEV COMMAND STOP		
07138		XA429	22									TXDVSS	03	TXDVSR	01	1	TD4	B1	12A			
07139		XA429	11		XA426	61		168	9			TXDV0A	01	TXDV0A	00	1	TD4	A1	05B			
07140		XA426	61									TXDV0A	02	TXDEVS	01	2	TQ2	F4	32B			
07141		XA439	54		XA439	48		168	9			TXDV1A	01	TXDV10	01	1	TQ2	D1	25A			
07142		XA439	48		XA439	47		168	9			TXDV1A	02	TXDV20	01	1	TQ2	D2	22A			
07143		XA439	47		XA439	41		168	9			TXDV1A	03	TXDV40	01	1	TQ2	D6	25B			
07144		XA439	41		XA437	35		168	9			TXDV1A	04	TXDV30	01	1	TQ2	D3	22B			
07145		XA437	35									TXDV1A	05	TXDV1A	00	1	TS8	C1	17B			
07146		XA541	26		XA542	26		168	9			TXDV1B	01	TDIRSN	01	1	TDD	CN	14A			
07147		XA542	26		XA542	10		168	9			TXDV1B	02	TSPNSN	01	1	TDD	CN	14A			
07148		XA542	10		XA541	10		168	9			TXDV1B	03	TTS3BN	01	1	TDD	AN	07A			
07149		XA541	10		XA542	01		168	9			TXDV1B	04	TTS1BN	01	1	TDD	AN	07A			
07150		XA542	01		XA541	01		168	9			TXDV1B	05	TTS4BN	01	1	TDD	BN	02B			
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	PREFIX	CONNECTOR	PIN	OR	PREFIX	CONNECTOR	PIN	OR	WIRE	MULTI-GROUP	CODE	COLOR												IDENT
07151		XA541	01		XA539	01					168	9		TXDV1B	06	TTS2BN	01	1	TDD	BN		02B		
07152		XA539	01		XA439	51					168	9		TXDV1B	07	TTASLN	01	1	TDD	BN		02B		
07153		XA439	51		XA439	52					168	9	P	TXDV40	08	TXDV1B	04	1	TQ2	D4		27B		
07154		XA439	52		XA439	46					168	9	P	TXDV10	09	TXDV1B	01	1	TQ2	D1		24A		
07155		XA439	46		XA439	45					168	9	P	TXDV20	10	TXDV1B	02	1	TQ2	D2		21A		
07156		XA439	45		XA432	19					168	9	P	TXDV30	11	TXDV1B	03	1	TQ2	D3		24B		
07157		XA432	19		XA432	43					168	9		TXDV1B	12	TTASLA	01	2	TQ2	B3		09B		
07158		XA432	43		XA431	48					168	9		TXDV1B	13	TEB4SA	01	2	TQ2	D3		23B		
07159		XA431	48		XA430	48					168	9		TXDV1B	14	TEB0SA	01	3	TT3	D2		22A		
07160		XA430	48		XA430	62					168	9		TXDV1B	15	UEB0CA	01	3	TT3	D2		22A		D04
07161		XA430	62		XA431	61					168	9		TXDV1B	16	UEB1CA	01	3	TT3	E2		29A		D04
07162		XA431	61		XA431	62					168	9		TXDV1B	17	TEB2SA	01	3	TT3	E3		32B		
07163		XA431	62		XA430	61					168	9		TXDV1B	18	TEB1SA	01	3	TT3	E2		29A		
07164		XA430	61		XA430	78					168	9		TXDV1B	19	UEB2CA	01	3	TT3	E3		32B		D04
07165		XA430	78		XA431	79					168	9		TXDV1B	20	UEB3CA	01	3	TT3	F3		38A		D04
07166		XA431	79		XA426	73					168	9		TXDV1B	21	TEB3SA	01	3	TT3	F1		39B		
07167		XA426	73		XA425	70					168	9		TXDV1B	22	TEB5SA	01	2	TQ2	F2		36B		
07168		XA425	70		XA425	60					168	9		TXDV1B	23	TREADN	01	1	TDD	JN		33A		
07169		XA425	60		XA425	56					168	9		TXDV1B	24	TREDBN	01	1	TDD	KN		28A		
07170		XA425	56		XA425	46					168	9		TXDV1B	25	TWTSTN	01	1	TDD	GN		26A		
07171		XA425	46		XA425	42					168	9		TXDV1B	26	TWRITN	01	1	TDD	HN		21A		
07172		XA425	42		XA425	30					168	9		TXDV1B	27	THISPN	01	1	TDD	EN		20A		
07173		XA425	30		XA425	26					168	9		TXDV1B	28	TWRIEN	01	1	TDD	FN		15A		
07174		XA425	26		XA425	14					168	9		TXDV1B	29	TSPACN	01	1	TDD	CN		14A		
07175		XA425	14		XA425	10					168	9		TXDV1B	30	TSPAFN	01	1	TDD	DN		09A		
07176		XA425	10		XA425	01					168	9		TXDV1B	31	TREW1N	01	1	TDD	AN		07A		
07177		XA425	01		XA418	43					168	9		TXDV1B	32	TREW0N	01	1	TDD	BN		02B		
07178		XA418	43		XA416	79					168	9		TXDV1B	33	TSYN1A	01	1	TS8	D1		23B		
07179		XA416	79		XA415	79					168	9		TXDV1B	34	TREW4N	01	1	TDD	LN		39B		
07180		XA415	79		XA414	79					168	9		TXDV1B	35	TREW3N	01	1	TDD	LN		39B		
07181		XA414	79		XA413	79					168	9		TXDV1B	36	TREW2N	01	1	TDD	LN		39B		
07182		XA413	79		XA518	05					168	9		TXDV1B	37	TREW1N	01	1	TDD	LN		39B		
07183		XA518	05		XA518	13					168	9		TXDV1B	38	TWR17A	01	3	TT3	A2		03B		
07184		XA518	13		XA518	10					168	9		TXDV1B	39	UWRT8A	01	3	TT3	A3		06B		D04
07185		XA518	10		XA518	26					168	9		TXDV1B	40	TWRT6A	01	3	TT3	A1		07A		
07186		XA518	26											TXDV1B	41	UWRT9A	01	3	TT3	B1		14A		D04
07188		XA439	52										J	TXDV10	01	TXDV10	00	1	TQ2	D1		24A	TXDV1B BUSS	
07189		XA439	46										J	TXDV20	01	TXDV20	00	1	TQ2	D2		21A	TXDV1B BUSS	
07190		XA439	45										J	TXDV30	01	TXDV30	00	1	TQ2	D3		24B	TXDV1B BUSS	
07191		XA439	51										J	TXDV40	01	TXDV40	00	1	TQ2	D4		27B	TXDV1B BUSS	
07192		XA430	04		XA426	55					168	9		TXDV5A	01	TXDV5A	00	1	TT3	A1		04A		
07193		XA426	55											TXDV5A	02	TXDV5S	01	2	TQ2	E3		29B		
07194		XA432	40		XA433	47					168	9		TXEA0A	01	TXEA00	01	1	TQ2	C1		19A		
07195		XA433	47		XA432	56					168	9		TXEA0A	02	TXEA0A	00	1	TD4	D1		25B		
											****		SIGNAL	TXEA0A		IS ON THE			NEXT PAGE	****				

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	PREFIX	CONNECTOR	PIN	PC NO	PREFIX	CONNECTOR	PIN	SH FE	MULTI GROUP	CODE	COLOR												IDENT
07196		XA432	56			XA436	70			16B	9		TXEA0A	03	TXENAS	01	2	TQ2	D1	26A			
07197		XA436	70										TXEA0A	04	TXXREN	01	1	TDD	JN	33A			
07198		XA516	64			XA428	26			16B	9		TXEA00	01	TLTE0A	01	2	TQ2	E2	30A			
07199		XA428	26			XA431	18			16B	9		TXEA00	02	TXXDIA	01	2	TQ2	B1	14A			
07200		XA431	18			XA432	38			16B	9		TXEA00	03	TRIDEA	01	3	TT3	B2	10A			
07201		XA432	38										TXEA00	04	TXEA00	00	1	TQ2	C1	18A			
07202		XA430	15			XA436	39			16B	9		TXEBOA	01	TXEBOA	00	1	TT3	A3	07B			
07203		XA436	39										TXEBOA	02	TXEBOQ	01	1	TDD	EQ	19B			
07204		XA435	54			XA436	37			16B	9		TXEBOQ	01	TXEB1I	01	1	TDD	GT	25A			
07205		XA436	37										TXEBOQ	02	TXEBOQ	00	1	TDD	EQ	18B	EOB SYNC COUNTER		
07206		XA428	01			XA436	42			16B	9		TXEB1A	01	TXEB1A	00	1	TQ2	A2	02B			
07207		XA436	42										TXEB1A	02	TXEB0N	01	1	TDD	EN	20A			
01266		XA409	09			XA515	77			16B	9		TXEB1Q	005	TEB5KA	01	1	TT3	A3	04B			
07208		XA515	77			XA410	77			16B	9		TXEB1Q	01	TREN1A	01	2	TD4	F1	38B			
07209		XA410	77			XA515	08			16B	9		TXEB1Q	02	TNSGDA	01	2	TD4	F1	38B			
07210		XA515	08			XA435	49			16B	9		TXEB1Q	03	TLCC0A	01	2	TD4	A1	06A			
07212		XA435	49			XA428	04			16B	9		TXEB1Q	05	TXEB1Q	00	1	TDD	GQ	26B	EOB SYNC COUNTER		
07213		XA428	04										TXEB1Q	06	TXEB1A	01	1	TQ2	A2	04A			
07214		XA520	40			XA520	34			16B	9		TXED0A	01	TDCP00	01	1	TQ2	C1	19A			
07215		XA520	34			XA429	35			16B	9		TXED0A	02	TDCP10	01	1	TQ2	C2	16A			
07216		XA429	35										TXED0A	03	TXED0A	00	1	TD4	C1	17B	RECEIVE DATA STRO		
07217		XA520	35			XA520	29			16B	9		TXED1A	01	TDCP30	01	1	TQ2	C4	17B			
07218		XA520	29			XA429	33			16B	9		TXED1A	02	TDCP20	01	1	TQ2	C3	14B			
07219		XA429	33										TXED1A	03	TXED1A	00	1	TD4	C2	16B	RECEIVE DATA STRO		
07220		XA520	54			XA520	48			16B	9		TXED2A	01	TDCP40	01	1	TQ2	D1	25A			
07221		XA520	48			XA429	47			16B	9		TXED2A	02	TDCP50	01	1	TQ2	D2	22A			
07222		XA429	47										TXED2A	03	TXED2A	00	1	TD4	D1	25B	RECEIVE DATA STRO		
07223		XA511	42			XA520	41			16B	9		TXED3A	01	TWRQ2S	01	2	TQ2	C1	20A			
07224		XA520	41			XA520	47			16B	9		TXED3A	02	TDCP60	01	1	TQ2	D3	22B			
07225		XA520	47			XA429	45			16B	9		TXED3A	03	TDCP70	01	1	TQ2	D4	25B			
07226		XA429	45										TXED3A	04	TXED3A	00	1	TD4	D2	24B	RECEIVE DATA STRO		
07227		XA433	45			XA432	54			16B	9		TXENAR	01	TXENAR	00	1	TD4	D2	24B			
07228		XA432	54										TXENAR	02	TXENAS	01	1	TQ2	D1	25A			
07229		XA429	31			XA429	38			16B	9		TXENAS	01	TXED1A	01	2	TD4	C2	15B			
07230		XA429	38			XA429	46			16B	9		TXENAS	02	TXED0A	01	2	TD4	C1	18A			
07231		XA429	46			XA429	52			16B	9		TXENAS	03	TXED3A	01	2	TD4	D2	21A			
07232		XA429	52			XA429	66			16B	9		TXENAS	04	TXED2A	01	2	TD4	D1	24A			
07233		XA429	66			XA432	52			16B	9		TXENAS	05	TXDPEA	01	2	TD4	E1	31A			
07234		XA432	52			XA433	43			16B	9		TXENAS	06	TXENAS	00	1	TQ2	D1	24A	ENABLE STORE E/E		
										****		SIGNAL	TXENAS		IS ON THE			NEXT PAGE	****				

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	PREFIX	CONNECTOR	PIN	DR PC	PREFIX	CONNECTOR	PIN	DR PC	MULTI GROUP	CODE	COLOR	IDENT											
07273		XA424	48		XA423	48				16B	9		TXGN6A	01	UFPRX2X	01	4	MUX	C2		22A	D01	
07274		XA423	48		XA422	48				16B	9		TXGN6A	02	URDYX2X	01	4	MUX	C2		22A	D01	
07275		XA422	48		XA421	48				16B	9		TXGN6A	03	TADSX2X	01	4	MUX	C2		22A	D01	
07276		XA421	48		XA421	68				16B	9		TXGN6A	04	TADSW2X	01	4	MUX	C2		22A	D01	
07277		XA421	68		XA422	68				16B	9		TXGN6A	05	TWO1DTA	01	3	MUX	E1		33A		
07278		XA422	68		XA423	68				16B	9		TXGN6A	06	TWO2DTA	01	3	MUX	E1		33A		
07279		XA423	68		XA424	68				16B	9		TXGN6A	07	TWO5DTA	01	3	MUX	E1		33A		
07280		XA424	68		XA427	64				16B	9		TXGN6A	08	TWO6DTA	01	3	MUX	E1		33A		
07281		XA427	64		XA427	48				16B	9		TXGN6A	09	TXS474U	01	1	DBC	D4		30A		
07282		XA427	48		XA441	51				16B	9		TXGN6A	10	TXS034U	01	1	DBC	C4		22A		
07283		XA441	51										TXGN6A	11	TXGN6A	00	1	TQ2	D4		27B		
07284		XA430	26		XA426	01				16B	9		TXHSTO	01	TXH50A	01	3	TT3	B1		14A		
07285		XA426	01										TXHSTO	02	TXHSTO	00	1	TQ2	A2		02B		
07286		XA432	47		XA430	20				16B	9		TXH50A	01	TXST20	01	1	TQ2	D4		25B		
07287		XA430	20										TXH50A	02	TXH50A	00	1	TT3	B1		11A		
07288		XA426	80		XA430	75				16B	9		TXINHR	01	TXINHR	00	1	TQ2	F4		39A		
07289		XA430	75		XA431	49				16B	9		TXINHR	02	TXINHS	01	1	TT3	F1		37B		
07290		XA431	49		XA433	24				16B	9		TXINHR	03	FXXDIR	01	3	TT3	D3		26B		
07291		XA433	24		XA433	18				16B	9		TXINHR	04	TXARQA	01	2	TD4	B1		13A		
07292		XA433	18		XA433	08				16B	9		TXINHR	05	TXBRQA	01	2	TD4	B2		10A		
07293		XA433	08		XA433	04				16B	9		TXINHR	06	TXAQEA	01	2	TD4	A1		06A		
07294		XA433	04										TXINHR	07	TX80EA	01	2	TD4	A2		04A		
07295		XA430	73		XA426	76				16B	9		TXINHS	01	TXINHS	00	1	TT3	F1		36B	OFF LINE STORE FA	
07296		XA426	76										TXINHS	02	TXINHR	01	1	TQ2	F4		37A		
07297		XA426	78		XA430	74				16B	9		TXINOA	01	TXINHR	01	2	TQ2	F4		38A		
07298		XA430	74										TXINOA	02	TXINOA	00	1	TT3	F2		35B		
07299		XA430	05		XA426	22				16B	9		TXIRCO	01	TXIROA	01	3	TT3	A2		03B		
07300		XA426	22		XA413	77				16B	9		TXIRCO	02	TXIRCO	00	1	TQ2	B1		12A		
07301		XA413	77										TXIRCO	03	TREWI	01	1	TDD	LI		38B		
07302		XA436	17		XA430	07				16B	9		TXIROA	01	TXIROQ	01	1	TDD	DQ		08B		
07303		XA430	07										TXIROA	02	TXIROA	00	1	TT3	A2		03A		
07304		XA434	48		XA436	19				16B	9		TXIROQ	01	TXIRIT	01	1	TDD	HT		22A		
07305		XA436	19										TXIROQ	02	TXIROQ	00	1	TDD	DQ		09B	ITR SYNC COUNTER	
07306		XA428	06		XA436	14				16B	9		TXIRIA	01	TXIRIA	00	1	TQ2	A1		05A		
07307		XA436	14		XA434	65				16B	9		TXIRIA	02	TXIRON	01	1	TDD	DN		09A		
07308		XA434	65										TXIRIA	03	TXXDSQ	01	1	TDD	MQ		34B		
07309		XA428	08		XA434	43				16B	9		TXIRIQ	01	TXIRIA	01	1	TQ2	A1		06A		
07310		XA434	43										TXIRIQ	02	TXIRIQ	00	1	TDD	HQ		23B	ITR SYNC COUNTER	
07311		XA437	20		XA428	27				16B	9		TXPRSA	01	TXRS00	01	4	TS8	B1		11A		
										****		SIGNAL	TXPRSA		IS ON THE						NEXT PAGE	****	

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	PREFIX	CONNECTOR	PIN	SR FC	PREFIX	CONNECTOR	PIN	SR FC	MULTI GROUP	CODE	COLOR	IDENT											
07312		XA428	27										TXPRSA	02	TXPRSA	00	1	TQ2	B4		13B		
01157		XA446	77	3	XA347	16	3		16B	9			TXPRSBG	01				DCF					C02
65637		XA347	16										TXPRSBG	02									C01
07314		XA442	23	1	XA348	15	1		16B	9			TXPRSB4	00C				RR4	C3				B02
64915		XA348	15		XA450	25			16B	9			TXPRSB4	01				SHT					B04
64916		XA450	25										TXPRSB4	02				EXT					B04
64801		XA348	13		XA446	78			16B	9			TXPRSDX	00				SHT					C01
07313		XA446	78										TXPRSDX	01	TXPRSDX	00	1	DCF	D3		37B	PORT RESET DRI/R	B02
07315		XA428	23		XA446	75			16B	9			TXPRSOX	01	TXPRSA	01	1	TQ2	B4		11B		
07316		XA446	75										TXPRSOX	02	TXPRSOX	00	1	DCF	D4		36B		
07317		XA429	64		XA426	56			16B	9			TXRAF2T	01	TREW30	01	4	ID4	E2		30A		
07318		XA426	56		XA427	27			16B	9			TXRAF2T	02	THIS10	01	2	TQ2	D1		26A		
07319		XA427	27										TXRAF2T	03	TXRAF2T	00	1	DBC	B3		14A		
07320		XA427	30		XA426	41			16B	9			TXRAF3T	01	TXRAF3T	00	1	DBC	B4		15A		
07321		XA426	41		XA527	20			16B	9			TXRAF3T	02	TRED10	01	1	TQ2	D3		22B		
07322		XA527	20										TXRAF3T	03	TEB0DA	01	4	TS8	B1		11A		
07323		XA426	43		XA426	34			16B	9			TXRAF4T	01	TRED10	01	2	TQ2	D3		23B		
07324		XA426	34		XA427	33			16B	9			TXRAF4T	02	TRED20	01	1	TQ2	C2		16A		
07325		XA427	33										TXRAF4T	03	TXRAF4T	00	1	DBC	B5		16A		
07326		XA427	23		XA426	29			16B	9			TXRAF5T	01	TXRAF5T	00	1	DBC	B6		11B		
07327		XA426	29		XA426	49			16B	9			TXRAF5T	02	TWRT30	01	1	TQ2	C3		14B		
07328		XA426	49		XA428	55			16B	9			TXRAF5T	03	TWRT10	01	2	TQ2	D4		26B		
07329		XA428	55		XA428	61			16B	9			TXRAF5T	04	TEB4S0	01	2	TQ2	E3		29B		
07330		XA428	61		XA527	22			16B	9			TXRAF5T	05	TEB5S0	01	2	TQ2	F4		32B		
07331		XA527	22										TXRAF5T	06	TEB0DA	01	5	TS8	B1		12A		
07332		XA426	35		XA427	25			16B	9			TXRAF6T	01	TWRT20	01	1	TQ2	C4		17B		
07333		XA427	25										TXRAF6T	02	TXRAF6T	00	1	DBC	B7		12B		
07334		XA427	29		XA426	47			16B	9			TXRAF7T	01	TXRAF7T	00	1	DBC	B8		13B		
07335		XA426	47		XA527	19			16B	9			TXRAF7T	02	TWRT10	01	1	TQ2	D4		25B		
07336		XA527	19										TXRAF7T	03	TEB0DA	01	3	TS8	B1		09B		
07337		XA441	34		XA440	30			16B	9			TXRCMR	01	TXRCMS	01	1	TQ2	C2		16A		
07338		XA440	30		XA433	37			16B	9			TXRCMR	02	TXRCMR	00	1	TQ2	C2		15A		
07339		XA433	37		XA431	22			16B	9			TXRCMR	03	TXXAD0	01	1	ID4	C1		18B		
07340		XA431	22										TXRCMR	04	TXXBC0	01	1	TT3	B1		12A		
07341		XA430	71		XA433	66			16B	9			TXRCMS	01	TXINOA	01	2	TT3	F2		36A		
07342		XA433	66		XA440	34			16B	9			TXRCMS	02	TXCA0A	01	2	ID4	E1		31A		
07343		XA440	34		XA441	30			16B	9			TXRCMS	03	TXRCMR	01	1	TQ2	C2		16A		
07344		XA441	30										TXRCMS	04	TXRCMS	00	1	TQ2	C2		15A	I/O INPUT REG COM	

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	PREFIX	CONNECTOR	PIN	OR	PREFIX	CONNECTOR	PIN	OR	MULTI GROUP	CODE	COLOR	IDENT											
07345		XA441	29		XA440	33				16B	9		TXREN R	01	TXRENS	01	1	TQ2	C3		14B		
07346		XA440	33		XA433	38				16B	9		TXREN R	02	TXREN R	00	1	TQ2	C3		16B		
07347		XA433	38		XA431	24				16B	9		TXREN R	03	TXXAD O	01	2	TD4	C1		18A		
07348		XA431	24										TXREN R	04	TXXBC O	01	2	TT3	B1		13A		
07349		XA433	52		XA440	29				16B	9		TXRENS	01	TXEAD A	01	2	TD4	D1		24A		
07350		XA440	29		XA441	33				16B	9		TXRENS	02	TXREN R	01	1	TQ2	C3		14B		
07351		XA441	33										TXRENS	03	TXRENS	00	1	TQ2	C3		16B	I/O INPUT REG ENA	
07352		XA441	40		XA440	38				16B	9		TXRPCR	01	TXRPCS	01	1	TQ2	C1		19A		
07353		XA440	38		XA433	40				16B	9		TXRPCR	02	TXRPCR	00	1	TQ2	C1		18A		
07354		XA433	40										TXRPCR	03	TXXAD O	01	3	TD4	C1		19A		
07355		XA438	11		XA437	50				16B	9		TXRPCS	01	TXRPPR	02	1	PAR	A1		07B		
07356		XA437	50		XA440	40				16B	9		TXRPCS	02	TXCA1A	01	5	TS8	D1		23A		
07357		XA440	40		XA441	38				16B	9		TXRPCR	03	TXRPCR	01	1	TQ2	C1		19A		
07358		XA441	38										TXRPCS	04	TXRPCS	00	1	TQ2	C1		18A	I/O INPUT REG PAR	
07359		XA441	39		XA440	42				16B	9		TXRSA	01	TXRSA	00	1	TQ2	C4		19B	I/O INPUT REG RES	
07360		XA440	42		XA440	36				16B	9		TXRSA	02	TXRPCR	01	2	TQ2	C1		20A		
07361		XA440	36		XA440	31				16B	9		TXRSA	03	TXRCMR	01	2	TQ2	C2		17A		
07362		XA440	31		XA440	25				16B	9		TXRSA	04	TXREN R	01	2	TQ2	C3		15B		
07363		XA440	25		XA440	26				16B	9		TXRSA	05	TXR7CR	01	2	TQ2	B4		12B		
07364		XA440	26		XA440	20				16B	9		TXRSA	06	TXR4CR	01	2	TQ2	B1		14A		
07365		XA440	20		XA440	19				16B	9		TXRSA	07	TXR5CR	01	2	TQ2	B2		11A		
07366		XA440	19		XA440	13				16B	9		TXRSA	08	TXR6CR	01	2	TQ2	B3		09B		
07367		XA440	13		XA440	07				16B	9		TXRSA	09	TXR3CR	01	2	TQ2	A4		06B		
07368		XA440	07		XA440	05				16B	9		TXRSA	10	TXR2CR	01	2	TQ2	A3		03A		
07369		XA440	05		XA440	10				16B	9		TXRSA	11	TXR1CR	01	2	TQ2	A2		03B		
07370		XA440	10										TXRSA	12	TXR0CR	01	2	TQ2	A1		07A		
07371		XA440	39		XA441	35				16B	9		TXRSO	01	TXRSO	00	1	TQ2	C4		19B		
07372		XA441	35										TXRSO	02	TXRSA	01	1	TQ2	C4		17B		
07373		XA428	80									J	TXRSA	01	TXRSA	00	1	TQ2	F4		39A	TXRS2B BUSS	
07374		XA432	60									J	TXRSO	01	TXRSO	00	1	TQ2	E2		28A	TXRS0B BUSS	
07375		XA542	06		XA542	04				16B	9		TXRSO	01	TTS3BP	01	1	TDD	AP		05A		
07376		XA542	04		XA541	04				16B	9		TXRSO	02	TTS4BP	01	1	TDD	BP		04A		
07377		XA541	04		XA541	06				16B	9		TXRSO	03	TTS2BP	01	1	TDD	BP		04A		
07378		XA541	06		XA539	06				16B	9		TXRSO	04	TTS1BP	01	1	TDD	AP		05A		
07379		XA539	06		XA439	59				16B	9		TXRSO	05	TXXRCP	01	1	TDD	AP		05A		
07380		XA439	59		XA436	66				16B	9		TXRSO	06	TRDCCO	01	1	TQ2	F4		31B		
07381		XA436	66		XA436	65				16B	9		TXRSO	07	TXXREP	01	1	TDD	JP		31A		
07382		XA436	65		XA435	73				16B	9		TXRSO	08	TXXACQ	01	1	TDD	MQ		34B		
07383		XA435	73		XA434	73				16B	9		TXRSO	09	TXXCIP	01	1	TDD	MP		36B		
07384		XA434	73		XA431	78				16B	9		TXRSO	10	TXXDSP	01	1	TDD	MP		36B		
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	PREFIX	CONNECTOR	PIN	WIRE	PREFIX	CONNECTOR	PIN	WIRE	MULTI GROUP	CODE	COLOR	IDENT										
07461		XA510	61		XA510	62		168	9			TXRS2B	26	TREQ1R	01	3	TT3	E3		32B		
07462		XA510	62		XA510	70		168	9			TXRS2B	27	TREQ0R	01	3	TT3	E2		29A		
07463		XA510	70		XA509	72		168	9			TXRS2B	28	TLCC3R	01	3	TT3	E1		33A		
07464		XA509	72		XA508	64		168	9			TXRS2B	29	TLADOR	01	3	TT3	F2		34A		
07465		XA508	64		XA508	56		168	9			TXRS2B	30	TKBR50	01	4	TD4	E2		30A		
07466		XA508	56		XA507	75		168	9			TXRS2B	31	TNSGOR	01	4	TD4	D1		26A		
07467		XA507	75									TXRS2B	32	TREN2R	01	5	TS8	F1		37B		
07490		XA432	75								J	TXRS3A	01	TXRS3A	00	1	TQ2	F1		37B	TXRS1B BUSS	
07491		XA432	72								J	TXRS4A	01	TXRS4A	00	1	TQ2	F2		34A	TXRS1B BUSS	
07492		XA432	69								J	TXRS5A	01	TXRS5A	00	1	TQ2	F3		35A	TXRS1B BUSS	
07493		XA432	80								J	TXRS6A	01	TXRS6A	00	1	TQ2	F4		39A	TXRS1B BUSS	
07494		XA428	75								J	TXRS7A	01	TXRS7A	00	1	TQ2	F1		37B	TXRS2B BUSS	
07495		XA428	72								J	TXRS8A	01	TXRS8A	00	1	TQ2	F2		34A	TXRS2B BUSS	
07496		XA428	69								J	TXRS9A	01	TXRS9A	00	1	TQ2	F3		35A	TXRS2B BUSS	
07497		XA441	08		XA440	06		168	9			TXROCR	01	TXROCS	01	1	TQ2	A1		06A		
07498		XA440	06		XA437	01		168	9			TXROCR	02	TXROCR	00	1	TQ2	A1		05A		
07499		XA437	01		XA430	46		168	9			TXROCR	03	TXACO	01	1	TS8	A1		02B		
07500		XA430	46		XA536	71		168	9			TXROCR	04	UEB0CA	01	2	TT3	D2		21A	004	
07501		XA536	71		XA536	77		168	9			TXROCR	05	TTS29A	01	1	TQ2	F2		36A		
07502		XA536	77									TXROCR	06	TTS19A	01	1	TQ2	F1		38B		
07503		XA536	76		XA536	65		168	9			TXROCS	01	TTS49A	01	1	TQ2	F4		37A		
07504		XA536	65		XA528	68		168	9			TXROCS	02	TTS39A	01	1	TQ2	F3		34B		
07505		XA528	68		XA529	40		168	9			TXROCS	03	TD08BI	01	1	TQ2	JI		32A		
07506		XA529	40		XA528	08		168	9			TXROCS	04	TD16BI	01	1	TQ2	E1		19A		
07507		XA528	08		XA530	08		168	9			TXROCS	05	TD00BI	01	1	TQ2	AI		06A		
07508		XA530	08		XA431	46		168	9			TXROCS	06	TD24BI	01	1	TQ2	AI		06A		
07509		XA431	46		XA437	52		168	9			TXROCS	07	TEB0SA	01	2	TT3	D2		21A		
07511		XA437	52		XA438	03		168	9			TXROCS	09	TXCA1A	01	6	TS8	D1		24A		
07512		XA438	03		XA440	08		168	9			TXROCS	10	TXROPPR	01	1	PAR	A1		03B		
07513		XA440	08		XA441	06		168	9			TXROCS	11	TXROCR	01	1	TQ2	A1		06A		
07514		XA441	06									TXROCS	12	TXROCS	00	1	TQ2	A1		05A	T/O INPUT REG DAT	
07515		XA437	37		XA437	66		168	9			TXROPA	01	TXDV1A	01	5	TS8	C1		18B		
07516		XA437	66		XA433	70		168	9			TXROPA	02	TXSS0A	01	6	TS8	E1		31A		
07517		XA433	70		XA433	56		168	9			TXROPA	03	TXCA0A	01	4	TD4	E1		33A		
07518		XA433	56		XA432	01		168	9			TXROPA	04	TXEA0A	01	4	TD4	D1		26A		
07519		XA432	01									TXROPA	05	TXROPA	00	1	TQ2	A2		02B		
07520		XA429	68		XA431	23		168	9			TXROPPR	01	TXDPEA	01	3	TD4	E1		32A		
07521		XA431	23		XA432	04		168	9			TXROPPR	02	TXODEA	01	2	TT3	B3		11B		
07522		XA432	04		XA438	13		168	9			TXROPPR	03	TXROPA	01	1	TQ2	A2		04A		
								****			SIGNAL	TXROPPR		IS ON THE						NEXT PAGE	****	

H78-14 650
 DRAWING NUMBER
 UNIT ASSEMBLY NAME

149016-800 STRING
 CARD CAGE ASSY,A,IFCU

UNIT ASSEMBLY NO. 149016
 FILE IDENT T39CIFC6

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 DATE 09-03-82 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	WIRE	PREFIX	CONNECTOR	PIN	WIRE	MULTI GROUP	CODE	COLOR	IDENT											
07523		XA438	13										TXROPPR	04	TXROPPR	00	1	PAR	A1		07A	INPUT REG PARITY C	
07524		XA427	08		XA426	08			16B	9			TXR090T	01	TXR090T	00	1	DBC	A1		04A	DEV COMMAND DECODE	
07525		XA426	08		XA426	48			16B	9			TXR090T	02	TXDVC0	01	1	TQ2	A1		06A		
07526		XA426	48										TXR090T	03	TSPA10	01	1	TQ2	D2		22A		
07527		XA418	46		XA426	04			16B	9			TXR091T	01	TSYN1A	01	2	TS8	D1		21A		
07528		XA426	04		XA427	10			16B	9			TXR091T	02	TXHST0	01	1	TQ2	A2		04A		
07529		XA427	10										TXR091T	03	TXR091T	00	1	DBC	A2		05A		
07530		XA429	62		XA426	54			16B	9			TXR092T	01	TREW30	01	3	TD4	E2		29A		
07531		XA426	54		XA427	14			16B	9			TXR092T	02	THIS10	01	1	TQ2	D1		25A		
07532		XA427	14		XA426	03			16B	9			TXR092T	03	TXR092T	00	1	DBC	A3		06A		
07533		XA426	03										TXR092T	04	TXEQB0	01	1	TQ2	A3		02A		
07534		XA418	48		XA426	11			16B	9			TXR093T	01	TSYN1A	01	3	TS8	D1		22A		
07535		XA426	11		XA427	13			16B	9			TXR093T	02	TTAS10	01	1	TQ2	A4		05B		
07536		XA427	13										TXR093T	03	TXR093T	00	1	DBC	A4		07A		D04
07538		XA427	17		XA426	24			16B	9			TXR094T	01	TXR094T	00	1	DBC	A5		08B		
07539		XA426	24		XA429	55			16B	9			TXR094T	02	TXIRCO	01	1	TQ2	B1		13A		
07540		XA429	55										TXR094T	03	TREW30	01	1	TD4	E2		29B		
07541		XA427	07		XA426	18			16B	9			TXR095T	01	TXR095T	00	1	DBC	A6		04B		
07542		XA426	18		XA429	60			16B	9			TXR095T	02	TREW20	01	1	TQ2	B2		10A		
07543		XA429	60										TXR095T	03	TREW30	01	2	TD4	E2		28A		
07544		XA418	49		XA427	09			16B	9			TXR096T	01	TSYN1A	01	4	TS8	D1		26B		D01
07545		XA427	09										TXR096T	02	TXR096T	00	1	DBC	A7		05B		
01277		XA437	38		XA427	11			16B	9			TXR097T	00	TXDV1A	01	6	TS8	C1		18A		B08
07546		XA427	11		XA426	17			16B	9			TXR097T	01	TXR097T	00	1	DBC	A8		06B		
07547		XA426	17		XA418	50			16B	9			TXR097T	02	TXSST0	01	1	TQ2	B3		08B		
07548		XA418	50										TXR097T	03	TSYN1A	01	5	TS8	D1		23A		
07549		XA427	15		XA426	23			16B	9			TXR098T	01	TXR098T	00	1	DBC	A9		07B		
07550		XA426	23		XA426	50			16B	9			TXR098T	02	TXOFRO	01	1	TQ2	B4		11B		
07551		XA426	50										TXR098T	03	TSPA10	01	2	TQ2	D2		23A		
07552		XA426	40		XA427	18			16B	9			TXR099T	01	TSPA20	01	1	TQ2	C1		19A		
07553		XA427	18										TXR099T	02	TXR099T	00	1	DBC	A0		09A		
07554		XA441	04		XA440	01			16B	9			TXR1CR	01	TXR1CS	01	1	TQ2	A2		04A		
07555		XA440	01		XA437	04			16B	9			TXR1CR	02	TXR1CR	00	1	TQ2	A2		02B		
07556		XA437	04		XA437	54			16B	9			TXR1CR	03	TXACO	01	2	TS8	A1		04A		
07557		XA437	54		XA430	60			16B	9			TXR1CR	04	TXCA1A	01	7	TS8	D1		25A		
07558		XA430	60		XA536	74			16B	9			TXR1CR	05	UEB1CA	01	2	TT3	E2		28A		D04
07559		XA536	74		XA536	79			16B	9			TXR1CR	06	TTS39A	01	2	TQ2	F3		35B		
07560		XA536	79										TXR1CR	07	TTS19A	01	2	TQ2	F1		39B		
													****	SIGNAL	TXR1CS	IS ON THE	NEXT PAGE	****					

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 DRAWING NUMBER 149016-800 STRING UNIT ASSEMBLY NO. 149016 REV E INDEX TXR7CS
 UNIT ASSEMBLY NAME CARD CAGE ASSY,A,IFCU FILE IDENT T39C1FC6 DATE 09-03-82 PAGE 301

RECORD NUMBER	FROM				TO				WIRE				SIGNAL	SEQ NO	EQUATION	TERM	FACTOR	CKT OR CHIP TYPE	GROUP	LOAD OR POWER PLANE	TEST POINTS AND/OR	SIGNAL DESCRIPTION	ECO NO
	PREFIX	CONNECTOR	PIN	USE	PREFIX	CONNECTOR	PIN	USE	MULTI GROUP	CODE	COLOR	IDENT											
07648		XA427	20		XA427	04				16B	9		TXR7CS	05	TXRAFOT	01	1	DBC	B1		10A		
07649		XA427	04		XA438	04				16B	9		TXR7CS	06	TXR090T	01	1	DBC	A1		02A		
07650		XA438	04		XA440	23				16B	9		TXR7CS	07	TXROP PR	01	8	PAR	A1		02A		
07651		XA440	23		XA441	27				16B	9		TXR7CS	08	TXR7CR	01	1	TQ2	B4		11B		
07652		XA441	27										TXR7CS	09	TXR7CS	00	1	TQ2	B4		13B	I/O INPUT REG DAT	
07653		XA432	29		XA428	14				16B	9		TXSK0A	01	TXSK00	01	1	TQ2	C3		14B		
07654		XA428	14										TXSK0A	02	TXSK0A	00	1	TQ2	B2		09A		
07655		XA427	51		XA427	37				16B	9		TXSK00	01	TXS472U	01	1	DBC	D2		25B		
07656		XA427	37		XA432	33				16B	9		TXSK00	02	TXS032U	01	1	DBC	C2		17B		
07657		XA432	33										TXSK00	03	TXSK00	00	1	TQ2	C3		16B	STATUS REG CLOCK	
07658		XA437	64		XA426	21				16B	9		TXSST0	01	TXSS0A	01	5	TS8	E1		30A		
07659		XA426	21										TXSST0	02	TXSST0	00	1	TQ2	B3		10B		
07660		XA429	78		XA432	49				16B	9		TXSS0A	01	TXXCIO	01	3	TD4	F1		38A		
07661		XA432	49		XA437	59				16B	9		TXSS0A	02	TXST20	01	2	TQ2	D4		26B		
07662		XA437	59										TXSS0A	03	TXSS0A	00	1	TS8	E1		31B		
07663		XA435	77		XA436	78				16B	9		TXST0Q	01	TXST1I	01	1	TDD	LI		38B		
07664		XA436	78										TXST0Q	02	TXST0Q	00	1	TDD	LQ		38A	STOP SYNC COUNTER	
07665		XA436	79		XA439	75				16B	9		TXST1A	01	TXSTON	01	1	TDD	LV		39B		
07666		XA439	75		XA437	14				16B	9		TXST1A	02	TXST1A	00	1	TQ2	F1		37B		
07667		XA437	14										TXST1A	03	TXRS00	01	1	TS8	B1		09A		
07668		XA439	77		XA435	78				16B	9		TXST1Q	01	TXST1A	01	1	TQ2	F1		38B		
07669		XA435	78										TXST1Q	02	TXST1Q	00	1	TDD	LQ		38A	STOP SYNC COUNTER	
07670		XA436	80		XA439	72				16B	9		TXST2A	01	TXST00	01	1	TDD	LQ		39A		
07671		XA439	72										TXST2A	02	TXST2A	00	1	TQ2	F2		34A		
07672		XA432	51		XA439	71				16B	9		TXST20	01	TXST20	00	1	TQ2	D4		27B		
07673		XA439	71										TXST20	02	TXST2A	01	1	TQ2	F2		36A		
07674		XA446	11		XA445	11				16B	9		TXS031U	01	TXA0C0X	01	1	DCF	A2		04B		
07675		XA445	11		XA438	17				16B	9		TXS031U	02	TXB0C0X	01	1	DCF	A2		04B		
07676		XA438	17		XA427	38				16B	9		TXS031U	03	TXDSBPR	01	1	PAR	B1		09B		
07677		XA427	38										TXS031U	04	TXS031U	00	1	DBC	C1		18A	I/O INPUT DATA REG	
07678		XA427	40		XA438	19				16B	9		TXS032U	01	TXS032U	00	1	DBC	C2		19A		
07679		XA438	19		XA445	13				16B	9		TXS032U	02	TXDSBPR	01	2	PAR	B1		10B		
07680		XA445	13		XA446	13				16B	9		TXS032U	03	TXB1C0X	01	1	DCF	A4		05B		
07681		XA446	13										TXS032U	04	TXA1C0X	01	1	DCF	A4		05B		
07682		XA446	08		XA445	08				16B	9		TXS033U	01	TXA2C0X	01	1	DCF	A6		06A		
07683		XA445	08		XA438	21				16B	9		TXS033U	02	TXB2C0X	01	1	DCF	A6		06A		
07684		XA438	21		XA427	42				16B	9		TXS033U	03	TXDSBPR	01	3	PAR	B1		11B		
07685		XA427	42										TXS033U	04	TXS033U	00	1	DBC	C3		20A		

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DRAWING NUMBER
UNIT ASSEMBLY NAME

149016-800
CARD CAGE ASSY,A,IFCU

STRING

UNIT ASSEMBLY NO.
FILE IDENT

149016
T39CIFC6

REV E
DATE 09-03-82

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RECORD NUMBER	FROM			TO			WIRE				SIGNAL	SEQ NO	EQUATION	TERM FACTOR	CKT OR CHIP TYPE	GROUP	LOAD OR POWER PLANE	TEST POINTS		SIGNAL DESCRIPTION	ECO NO	
	PREFIX	CONNECTOR	PIN	PREFIX	CONNECTOR	PIN	MULTI GROUP	CODE	COLOR	IDENT								AND	OR			
07686	XA446	04		XA445	04			16B	9			TXS034U	01	TXA3C0X	01	1	DCF	A8	04A			
07687	XA445	04		XA438	23			16B	9			TXS034U	02	TXB3C0X	01	1	DCF	A8	04A			
07688	XA438	23		XA427	46			16B	9			TXS034U	03	TXDSBPR	01	4	PAR	B1	12B			
07689	XA427	46										TXS034U	04	TXS034U	00	1	DBC	C4	21A			
07690	XA446	31		XA445	31			16B	9			TXS471U	01	TXA4C0X	01	1	DCF	B2	12B			
07691	XA445	31		XA438	24			16B	9			TXS471U	02	TXB4C0X	01	1	DCF	B2	12B			
07692	XA438	24		XA427	54			16B	9			TXS471U	03	TXDSBPR	01	5	PAR	B1	12A			
07693	XA427	54										TXS471U	04	TXS471U	00	1	DBC	D1	26A		IOU INPUT DATA REG	
07694	XA446	33		XA445	33			16B	9			TXS472U	01	TXA5C0X	01	1	DCF	B4	13B			
07695	XA445	33		XA438	22			16B	9			TXS472U	02	TXB5C0X	01	1	DCF	B4	13B			
07696	XA438	22		XA427	56			16B	9			TXS472U	03	TXDSBPR	01	6	PAR	B1	11A			
07697	XA427	56										TXS472U	04	TXS472U	00	1	DBC	D2	28B			
07698	XA446	38		XA445	38			16B	9			TXS473U	01	TXA6C0X	01	1	DCF	B6	14A			
07699	XA445	38		XA438	20			16B	9			TXS473U	02	TXB6C0X	01	1	DCF	B6	14A			
07700	XA438	20		XA427	60			16B	9			TXS473U	03	TXDSBPR	01	7	PAR	B1	10A			
07701	XA427	60										TXS473U	04	TXS473U	00	1	DBC	D3	28A			
07702	XA446	34		XA445	34			16B	9			TXS474U	01	TXA7C0X	01	1	DCF	B8	12A			
07703	XA445	34		XA438	18			16B	9			TXS474U	02	TXB7C0X	01	1	DCF	B8	12A			
07704	XA438	18		XA427	62			16B	9			TXS474U	03	TXDSBPR	01	8	PAR	B1	09A			
07705	XA427	62										TXS474U	04	TXS474U	00	1	DBC	D4	29A			
07706	XA432	15		XA433	42			16B	9			TXXACA	01	TXXACA	00	1	TQ2	A4	07B			
07707	XA433	42										TXXACA	02	TXXADO	01	4	TD4	C1	20A			
07708	XA434	06		XA434	04			16B	9			TXXACP	01	TXXAOP	01	1	TDD	AP	05A			
07709	XA434	04		XA435	04			16B	9			TXXACP	02	TXXA2P	01	1	TDD	BP	04A			
07710	XA435	04		XA435	06			16B	9			TXXACP	03	TXXA3P	01	1	TDD	BP	04A			
07711	XA435	06		XA436	69			16B	9			TXXACP	04	TXXA1P	01	1	TDD	AP	05A			
07712	XA436	69										TXXACP	05	TXXACP	00	1	TDD	MP	35A			
07713	XA432	11		XA437	11			16B	9			TXXACO	01	TXXACA	01	1	TQ2	A4	05B			
07714	XA437	11										TXXACO	02	TXXACO	00	1	TS8	A1	05B			
07715	XA436	73		XA432	22			16B	9			TXXADA	01	TXXACP	01	1	TDD	MP	36B			
07716	XA432	22										TXXADA	02	TXXADA	00	1	TQ2	B1	12A		I/O STATE COUNTER	
07717	XA433	35		XA432	24			16B	9			TXXADO	01	TXXADO	00	1	TD4	C1	17B			
07718	XA432	24										TXXADO	02	TXXADA	01	1	TQ2	B1	13A			
07719	XA437	61		XA437	48			16B	9			TXXAOP	01	TXSS0A	01	3	TS8	F1	32B			
07720	XA437	48		XA437	34			16B	9			TXXAOP	02	TXCA1A	01	3	TS8	D1	22A			
07721	XA437	34		XA433	34			16B	9			TXXAOP	03	TXDV1A	01	3	TS8	C1	16A			
07722	XA433	34		XA434	11			16B	9			TXXAOP	04	TXX05A	01	3	TD4	C2	16A			
07723	XA434	11		XA439	04			16B	9			TXXAOP	05	TXXAOP	00	1	TDD	AP	05B			
											****	SIGNAL	TXXAOP		IS ON THE	NEXT PAGE	****					

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DRAWING NUMBER
UNIT ASSEMBLY NAME

149016-800
CARD CAGE ASSY,A,IFCU

STRING

UNIT ASSEMBLY NO.
FILE IDENT

149016
T39C1FC6

REV
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RECORD NUMBER	FROM				TO				WIRE				SIGNAL	SFC NO	EQUATION	TERM	FACTOR	CKT OR CHIP TYPE	GROUP	LOAD OR POWER PLANE	TEST POINTS AND/OR	SIGNAL DESCRIPTION	ECO NO
	PREFIX	CONNECTOR	PIN	DR #	PREFIX	CONNECTOR	PIN	DR #	MULTI GROUP	CODE	COLOR	IDENT											
07839		XA435	65										TXXCIA	02	TXXCIQ	01	1	TDD	MQ		34B		
07840		XA429	71		XA431	66				16B	9		TXXCIP	01	TXXCRO	01	1	TD4	F2		36A		
07841		XA431	66		XA435	69				16B	9		TXXCIP	02	TXDBIO	01	1	TT3	E1		31A		
07842		XA435	69										TXXCIP	03	TXXCIP	00	1	TDD	MP		35A		
07843		XA438	27		XA435	74				16B	9		TXXCIO	01	TXDSBPR	02	1	PAR	B1		13B		
07844		XA435	74		XA424	52				16B	9		TXXCIO	02	TXXCIO	00	1	TDD	MQ		35B	DEV/DEF INDICATOR	
07845		XA424	52		XA421	52				16B	9		TXXCIO	03	TXDB0TA	01	3	MUX	D1		25A		
07846		XA421	52										TXXCIO	04	TXDB4TA	01	3	MUX	D1		25A		
07847		XA429	76		XA428	47				16B	9		TXXCIO	01	TXXCIO	00	1	TD4	F1		37A	INDICATOR INPITS	
07848		XA428	47										TXXCIO	02	TXXCIA	01	1	TQ2	D4		25B		
07849		XA436	04		XA435	22				16B	9		TXXCRO	01	TXXD1P	01	1	TDD	BP		04A		
07850		XA435	22		XA435	20				16B	9		TXXCRO	02	TXXC1P	01	1	TDD	CP		12A		
07851		XA435	20		XA434	20				16B	9		TXXCRO	03	TXXC3P	01	1	TDD	DP		11A		
07852		XA434	20		XA434	36				16B	9		TXXCRO	04	TXXC2P	01	1	TDD	DP		11A	A03	
07853		XA434	36		XA434	38				16B	9		TXXCRO	05	TXXC0P	01	1	TDD	FP		17A	A03	
07854		XA434	38		XA429	69				16B	9		TXXCRO	06	TXXD0P	01	1	TDD	FP		18A		
07855		XA429	69		XA539	20				16B	9		TXXCRO	07	TXXCRO	00	1	TD4	F2		35A		
07856		XA539	20										TXXCRO	08	TXXC4P	01	1	TDD	DP		11A		
07857		XA428	21		XA432	48				16B	9		TXXCSA	01	TXXCSA	00	1	TQ2	B3		10B	INPUT STROBE COUN	
07858		XA432	48										TXXCSA	02	TXXCSO	01	1	TQ2	D2		22A		
07859		XA428	64		XA433	07				16B	9		TXXCSO	00	TXDIRA	01	2	TQ2	E2		30A		
07860		XA433	07		XA433	13				16B	9		TXXCSO	01	TXBQEA	01	4	TD4	A2		03A		
07861		XA433	13		XA432	46				16B	9		TXXCSO	02	TXA0EA	01	4	TD4	A1		06B		
07862		XA432	46		XA506	43				16B	9		TXXCSO	03	TXXCSO	00	1	TQ2	D2		21A		
07863		XA506	43		XA506	50				16B	9		TXXCSO	04	TREQDA	01	2	TQ2	D3		23B		
07864		XA506	50										TXXCSO	05	TREQCA	01	2	TQ2	D2		23A		
03393		XA434	31		XA435	24				16B	9		TXXC0Q	01	TXXC0Q	00	1	TDD	FQ		15B	A03	
07865		XA435	24										TXXC0Q	02	TXXC1I	01	1	TDD	CI		13A		
07866		XA435	25		XA434	18				16B	9		TXXC1Q	01	TXXC1Q	00	1	TDD	CQ		12B	INPUT STROBE COUN	
07867		XA434	18										TXXC1Q	02	TXXC2I	01	1	TDD	DI		10A		
07868		XA435	18		XA434	19				16B	9		TXXC2Q	01	TXXC3I	01	1	TDD	DI		10A		
07869		XA434	19		XA428	18				16B	9		TXXC2Q	02	TXXC2Q	00	1	TDD	DQ		09B	INPUT STROBE COUN	
07870		XA428	18		XA428	17				16B	9		TXXC2Q	03	TXSK0A	01	1	TQ2	B2		10A		
07871		XA428	17										TXXC2Q	04	TXXCSA	01	1	TQ2	B3		08B		
07872		XA436	01		XA435	21				16B	9		TXXC3P	01	TXXD1N	01	1	TDD	BN		02B		
07873		XA435	21		XA434	42				16B	9		TXXC3P	02	TXXC3P	00	1	TDD	DP		10B		
07874		XA434	42		XA428	20				16B	9		TXXC3P	03	TXXDON	01	1	TDD	EN		20A		
07875		XA428	20										TXXC3P	04	TXSK0A	01	2	TQ2	B2		11A		
07876		XA539	18		XA435	19				16B	9		TXXC3Q	01	TXXC4I	01	1	TDD	DI		10A		
													****	SIGNAL	[TXXC3Q			IS ON THE	NEXT PAGE	****			

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DRAWING NUMBER
UNIT ASSEMBLY NAME

149016-800
CARD CAGE ASSY,A,IFCU

STRING

UNIT ASSEMBLY NO.
FILE IDENT

149016
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RECORD NUMBER	FROM				TO				WIRE				SIGNAL	SEQ NO	EQUATION	TERM	FACTOR	CKT OR CHIP TYPE	GROUP	LOAD OR POWER PLANE	TEST POINTS AND OR	SIGNAL DESCRIPTION	ECO NO	
	PREFIX	CONNECTOR	PIN	OR	PREFIX	CONNECTOR	PIN	OR	WIRE	MULTI-GROUP	CODE	COLOR												IDENT
07957		XA539	15		XA428	09					16B	9		TXXRCA	01	TXXRCQ	01	1	TDD	AQ		07B		
07958		XA428	09											TXXRCA	02	TXXRCA	00	1	TQ2	A3		04B		
07959		XA434	75		XA435	64					16B	9		TXXRCQ	01	TXXR2P	01	1	TDD	LP		37B		
07960		XA435	64		XA436	64					16B	9		TXXRCQ	02	TXXROP	01	1	TDD	KP		30A		
07961		XA436	64		XA539	13					16B	9		TXXRCQ	03	TXXR1P	01	1	TDD	KP		30A		
07962		XA539	13											TXXRCQ	04	TXXRCQ	00	1	TDD	AQ		06B	REQUEST CONTROL P	
07963		XA418	59		XA428	03					16B	9		TXXRCO	01	TXXRCO	00	1	TS8	E1		31B	REQUEST INPUTS	
07964		XA428	03											TXXRCO	02	TXXRCA	01	1	TQ2	A3		02A		
07965		XA436	59		XA428	07					16B	9		TXXREP	01	TXXREP	00	1	TDD	JP		31B		
07966		XA428	07											TXXREP	02	TXXRCA	01	2	TQ2	A3		03A		
07967		XA435	57		XA436	63					16B	9		TXXROP	01	TXXROP	00	1	TDD	KP		30B		
07968		XA436	63											TXXROP	02	TXXREQ	01	1	TDD	JQ		32B		
07969		XA436	62		XA435	55					16B	9		TXXROQ	01	TXXR1I	01	1	TDD	KI		29A		
07970		XA435	55		XA433	26					16B	9		TXXROQ	02	TXXROQ	00	1	TDD	KQ		29B	REQUEST STROBE CO	
07971		XA433	26		XA433	20					16B	9		TXXROQ	03	TXARQA	01	4	TD4	B1		14A		
07972		XA433	20											TXXROQ	04	TXBRQA	01	4	TD4	B2		11A		
07973		XA434	77		XA436	55					16B	9		TXXR1Q	01	TXXR2I	01	1	TDD	LI		38B		
07974		XA436	55											TXXR1Q	02	TXXR1Q	00	1	TDD	KQ		29B	REQUEST STROBE CO	
07975		XA435	62		XA434	76					16B	9		TXXR2P	01	TXXROI	01	1	TDD	KI		29A		
07976		XA434	76		XA539	10					16B	9		TXXR2P	02	TXXR2P	00	1	TDD	LP		37A		
07977		XA539	10											TXXR2P	03	TXXRCN	01	1	TDD	AN		07A		
07978		XA439	30		XA433	48					16B	9		TXX04A	01	TXX04A	00	1	TQ2	C2		15A		
07979		XA433	48		XA433	62					16B	9		TXX04A	02	TXENAR	01	3	TD4	D2		22A		
07980		XA433	62											TXX04A	03	TXCMAR	01	3	TD4	E2		29A		
07981		XA433	33		XA439	29					16B	9		TXX05A	01	TXX05A	00	1	TD4	C2		16B		
07982		XA439	29											TXX05A	02	TXX050	01	1	TQ2	C3		14B		
07983		XA439	33		XA433	54					16B	9		TXX050	01	TXX050	00	1	TQ2	C3		16B	I/O BYTE COUNT=0	
07984		XA433	54		XA433	68					16B	9		TXX050	02	TXEAOA	01	3	TD4	D1		25A		
07985		XA433	68											TXX050	03	TXCAOA	01	3	TD4	E1		32A		
07986		XA406	79		XA431	27					16B	9		TXODEA	01	TS2350	01	2	TQ2	F1		39B		
07987		XA431	27											TXODEA	02	TXODEA	00	1	TT3	B3		13B	OPR RECEIVE DATA	
07988		XA518	17		XA432	14					16B	9		TXODRA	01	TDRS00	01	2	TT3	B2		08B		
07989		XA432	14											TXODRA	02	TXODRA	00	1	TQ2	B2		09A	OPR RESET STROBE	
07990		XA520	42		XA520	36					16B	9		TXOD0A	01	TDCP00	01	2	TQ2	C1		20A		
07991		XA520	36		XA430	36					16B	9		TXOD0A	02	TDCP10	01	2	TQ2	C2		17A		
											****		SIGNAL	TXOD0A		IS ON THE						****		NEXT PAGE

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 DRAWING NUMBER 149016-800 STRING UNIT ASSEMBLY NO. 149016 REV E INDEX TX1MBP
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	PREFIX	CONNECTOR	PIN	SPEC	PREFIX	CONNECTOR	PIN	SPEC													
08031 08032		XA416 XA417	62 57			XA417 57				168 9			TX1MBP TX1MBP	02 03	TX1MAI TX1MBP	01 1 00 1	TDD TDD	KI KP		29A 30B	
08033 08034		XA417 XA412	55 74			XA412 74				168 9			TX1MBQ TX1MBQ	01 02	TX1MBQ TXCPIA	00 1 01 2	TDD TQ2	KQ F3		29B 35B	SYNC CLOCK BIT 1
02717 64917		XA448 XA450	03 03			XA450 03				168 9			TYASLB TYASLB	01 02				EXT EXT			B04 B04
02718 65651		XA448 XA450	04 04			XA450 04				168 9			TYASLG TYASLG	01 02				EXT EXT			E06 E06
02721 64918		XA448 XA450	07 07			XA450 07				168 9			TYASTB TYASTB	01 02				EXT EXT			B04 B04
02722 65652		XA448 XA450	08 08			XA450 08				168 9			TYASTG TYASTG	01 02				EXT EXT			E06 E06
02719 64919		XA448 XA450	05 05			XA450 05				168 9			TYBSLB TYBSLB	01 02				EXT EXT			B04 B04
02720 65653		XA448 XA450	06 06			XA450 06				168 9			TYBSLG TYBSLG	01 02				EXT EXT			E06 E06
02723 64920		XA448 XA450	09 09			XA450 09				168 9			TYBSTB TYBSTB	01 02				EXT EXT			B04 B04
02724 65654		XA448 XA450	10 10			XA450 10				168 9			TYBSTG TYBSTG	01 02				EXT EXT			E06 E06
02726 64921		XA448 XA450	13 13			XA450 13				168 9			TYPRSB TYPRSB	01 02				EXT EXT			B04 B04
02727 65655		XA448 XA450	14 14			XA450 14				168 9			TYPRSG TYPRSG	01 02				EXT EXT			E06 E06
08035 08036 63527		XA547 XA441 XA146	78 48 11			XA441 XA146	48 11			168 9 168 9			TOSCEA4 TOSCEA4 TOSCEA4	01 02 03		TXGN4A	01 1	RR4 H1 TQ2 D2 MTS		22A	
02596 02617		XA420 XA420	29 52			XA420 52				168 9			TOSCRA TOSCRA	01 02				OSC OSC			
08068 08108		XA519 XA520	09 24			XA520 24				168 9			T002MA T002MA	01 03	T002MA T002M0	00 1 01 1	TQ2 TQ2	A3 B1		04B 13A	MAIN COUNT 100MS E03
08046 08110		XA510 XA520	24 22			XA520 22				168 9			T002M0 T002M0	01 02	TNSG4A T002M0	01 2 00 1	TT3 TQ2	B1 B1		13A 12A	E03 E03
08037		XA519	06			XA520	08			168 9			T003MA	01	T003MA	00 1	TQ2	A1		05A	MAIN COUNT 3MS
										****	SIGNAL	{T003MA	IS ON THE NEXT PAGE					****			

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 DRAWING NUMBER
 UNIT ASSEMBLY NAME

149016-800
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RECORD NUMBER	FROM			TO				MULTI GROUP	CODE	COLOR	IDENT	SFC INST. MISC.	SIGNAL	SEQ NO	EQUATION	TERM	FACTOR	CRT OR CHIP TYPE	GRAB	LOAD OP. POWER PLANE	TEST POINTS AND OR	SIGNAL DESCRIPTION	E00
	PREFIX	CONNECTOR	PIN	PREFIX	CONNECTOR	PIN																	
08038		XA520	08										T003MA	02	T003M0	01	1	TQ2	A1		06A		
08039		XA509	54		XA520	06		168	9				T003M0	01	TLAD2A	01	2	TT3	D1		25A		
08040		XA520	06										T003M0	02	T003M0	00	1	TQ2	A1		05A		
08041		XA411	10		XA412	15		168	9				T009SA	01	TCCP00	01	2	TQ2	A1		07A		
08042		XA412	15		XA508	79		168	9				T009SA	02	T009SA	00	1	TQ2	A4		07B	MAIN COUNT 9S	
08043		XA508	79										T009SA	03	TREG00	01	4	TD4	F1		39B		
08058		XA519	01		XA520	04		168	9				T030MA	01	T030MA	00	1	TQ2	A2		02B	MAIN COUNT 50MS	D01
08059		XA520	04										T030MA	02	T030M0	01	1	TQ2	A2		04A		D01
08061		XA520	01		XA524	53		168	9				T030M0	02	T030M0	00	1	TQ2	A2		02B		E03
05997		XA524	53										T030M0	03	TMSpra	01	1	TT3	E2		28B		E03
03392		XA433	69		XA520	03		168	9				T033MA	01	T033MA	00	1	TD4	F2		35A	MAIN COUNT 62MS	E03
08069		XA520	03										T033MA	02	T033M0	01	1	TQ2	A3		02A		E03
08071		XA520	09		XA409	47		168	9				T033M0	01	T033M0	00	1	TQ2	A3		04B		E03
08063		XA409	47		XA408	76		168	9				T033M0	02	TEST4A	01	2	TT3	D3		25B		E03
01252		XA408	76										T033M0	03	TSTR5A	01	1	TQ2	F4		37A		E03
08056		XA417	60		XA416	60		168	9				T04MHJ	01	TX1MBN	01	1	TDD	KN		28A		
08057		XA416	60		XA420	33		168	9				T04MHJ	02	TX1MAN	01	1	TDD	KN		28A		
02599		XA420	33										T04MHJ	03				OSC	4				
63920		XA139	23		XA240	23		168	9				T04MHK	01	K04MZ0	01	1	TQ2	B4		11B		
43736		XA240	23		XA340	23		168	9				T04MHK	02	L04MZ0	01	1	TQ2	B4		11B		
53577		XA340	23		XA420	26		168	9				T04MHK	03	M04MZ0	01	1	TQ2	B4		11B		
02594		XA420	26		XA420	37		168	9				T04MHK	04				OSC					
02603		XA420	37										T04MHK	05				OSC	4C				
01212		XA407	61		XA525	45		168	9				T066MA	01	TSTR60	01	2	TQ2	E4		32B		E03
08053		XA525	45										T066MA	02	T066MA	00	1	TD4	D2		24B	WRITE COUNT 37US	E06
08048		XA519	14		XA520	18		168	9				T080UA	01	T080UA	00	1	TQ2	B2		09A	MAIN COUNT 30US	D01
08049		XA520	18										T080UA	02	T080U0	01	1	TQ2	B2		10A		D01
08050		XA508	25		XA520	14		168	9				T080U0	01	TNSG2A	01	3	TD4	B1		12B		D01
08051		XA520	14		XA515	34		168	9				T080U0	02	T080U0	00	1	TQ2	B2		09A		D01
05072		XA515	34										T080U0	03	TWRG4A	01	3	TD4	C2		16A		E06
08044		XA525	69		XA522	71		168	9				T082MA	01	T082MA	00	1	TD4	F2		35A	MAIN COUNT 15MS	E06
08045		XA522	71										T082MA	02	T082M0	01	1	TQ2	F2		36A		E06
01253		XA408	74		XA522	72		168	9				T082M0	01	TSTP9A	01	2	TQ2	F3		35B		E06
08047		XA522	72										T082M0	02	T082M0	00	1	TQ2	F2		34A		E06
02612		XA420	47		XA420	48		168	9				T16MHA	01				OSC					
02613		XA420	48		XA420	60		168	9				T16MHA	02				OSC	16				
													****	SIGNAL	(T16MHA)			IS ON THE	NEXT PAGE	****			

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 DRAWING NUMBER 149016-800 STRING UNIT ASSEMBLY NO. 149016 REV E INDEX T16MHA
 UNIT ASSEMBLY NAME CARD CAGE ASSY,A,IFCU FILE IDENT T39CIFC6 DATE 09-03-82 PAGE 313

RECORD NUMBER	FROM				TO				WIRE					SIGNAL	SEQ NO	EQUATION	TERM	FACT	CRT OR CHIP TYPE	GROUP	LOAD OR POWER PLANE	TEST POINTS AND OR	SIGNAL DESCRIPTION	ECO NO	
	PREFIX	CONNECTOR	PIN	UNIT	PREFIX	CONNECTOR	PIN	UNIT	MULTI GROUP	CODE	COLOR	IDENT	SPEC INST MISC												
02624		XA420	60		XA327	68				168	9		T16MHA	03					OSC						
53578		XA327	68		XA227	68				168	9		T16MHA	032	M16MHA	01	1	TQ2	E1			32A	B02		
43737		XA227	68		XA126	68				168	9		T16MHA	035	L16MHA	01	1	TQ2	E1			32A	C01		
63921		XA126	68										T16MHA	04	K16MHA	01	1	TQ2	E1			32A	B02		
02616		XA420	51		XA434	01				168	9		T16MHO	00					OSC						
08076		XA434	01		XA435	01				168	9		T16MHO	01	TXXA2N	01	1	TDD	BN			02B			
08077		XA435	01		XA434	10				168	9		T16MHO	02	TXXA3N	01	1	TDD	BN			02B			
08078		XA434	10		XA435	10				168	9		T16MHO	03	TXXA0N	01	1	TDD	AN			07A			
08079		XA435	10		XA435	60				168	9		T16MHO	04	TXXAIN	01	1	TDD	AN			07A			
08080		XA435	60		XA436	60				168	9		T16MHO	05	TXXRON	01	1	TDD	KN			28A			
08081		XA436	60		XA434	79				168	9		T16MHO	06	TXXRIN	01	1	TDD	KN			28A			
08082		XA434	79										T16MHO	07	TXXR2N	01	1	TDD	LN			39B			
08083		XA539	14		XA435	26				168	9		T16MIO	01	TXXC4N	01	1	TDD	DN			09A			
08084		XA435	26		XA434	30				168	9		T16MIO	02	TXXC1N	01	1	TDD	CN			14A		A03	
01279		XA434	30		XA434	14				168	9		T16MIO	03	TXXCON	01	1	TDD	FN			15A		A03	
08086		XA434	14		XA435	14				168	9		T16MIO	04	TXXC2N	01	1	TDD	DN			09A			
08087		XA435	14		XA420	54				168	9		T16MIO	05	TXXC3N	01	1	TDD	DN			09A			
02619		XA420	54										T16MIO	06					OSC						
08072		XA527	76		XA522	77				168	9		T198UA	01	T198UA	00	1	TS8	F1			37A	WRITE COUNT 158US	D01	
08073		XA522	77										T198UA	02	T198U0	01	1	TQ2	F1			38B		D01	
08066		XA510	46		XA522	75				168	9		T198U0	01	TWRI6A	01	2	TT3	D2			21A		D01	
08075		XA522	75										T198U0	02	T198U0	00	1	TQ2	F1			37B		D01	
08106		XA407	45		XA520	11				168	9		T200MA	01	T200MA	00	1	TQ2	D3			24B	MAIN COUNT 500MS	D01	
08093		XA520	11										T200MA	02	T200M0	01	1	TQ2	A4			05B		D01	
08096		XA520	15		XA407	48				168	9		T200M0	02	T200M0	00	1	TQ2	A4			07B		D01	
08097		XA407	48										T200M0	03	TSTR7A	01	1	TQ2	D2			22A		D01	
08107		XA408	50		XA519	15				168	9		T300MA	01	TSTR80	01	2	TQ2	D2			23A		D01	
08094		XA519	15										T300MA	02	T300MA	00	1	TQ2	A4			07B	MAIN COUNT 300MS	D01	
08098		XA527	59		XA523	65				168	9		T399UA	01	T399UA	00	1	TS8	E1			31B	WRITE COUNT 319US	D01	
08099		XA523	65										T399UA	02	T399U0	01	1	TQ2	F3			34B		D01	
08074		XA518	47		XA523	69				168	9		T399U0	01	TLCC6A	01	2	TT3	D3			25B		D01	
08101		XA523	69										T399U0	02	T399U0	00	1	TQ2	F3			35A		D01	
03176		XA549	34		XA545	16				168	9		UBOT3DR	00											D01
08276		XA545	16										UBOT3DR	01											D01
03175		XA549	33		XA547	37				168	9		UBOT3DX4	00											D01
03553		XA547	37		XA545	14				168	9		UBOT3DX4	01											D01
03554		XA545	14										UBOT3DX4	02	UBOT3DX400	1	DCF	A5					08B	BOT 3 RECEIVER	D01
03555		XA423	17		XA545	10				168	9		UBOT3DX	01	TXDR41X	01	8	MUX	A1				08B		D01
													*****	SIGNAL	(UBOT3DX)	IS ON THE	NEXT PAGE	*****							

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 DRAWING NUMBER 149016-800 STRING UNIT ASSEMBLY NO. 149016 REV E INDEX UB0T30X
 UNIT ASSEMBLY NAME CARD CAGE ASSY,A,IFCU FILE IDENT T39CIFC6 DATE 09-03-82 PAGE 314

RECORD NUMBER	FROM				TO				WIRE				SFC INST. NO.	SIGNAL	SFC NO.	EQUATION	TERM FACTOR	CKT OR CHIP TYPE	GROUP	LOAD OR POWER PLANE	TEST POINTS		SIGNAL DESCRIPTION	ECO NO.
	PREFIX	CONNECTOR	PIN	SN PD	PREFIX	CONNECTOR	PIN	SN PD	WIRE GROUP	CODE	COLOR	IDENT									AND	OR		
03557		XA545	10										UB0T30X	03	UB0T30X	00	1	DCF	A6		07A		D01	
03178		XA549	36		XA545	02			16B	9			UB0T4DR	00				EXT					D01	
08277		XA545	02										UB0T4DR	01				DCF			01A		D01	
03177		XA549	35		XA547	39			16B	9			UB0T4DX4	00				EXT					D01	
03560		XA547	39		XA545	01			16B	9			UB0T4DX4	01				RR4	D5				D01	
03561		XA545	01										UB0T4DX4	02	UB0T4DX400	1	1	DCF	A7		02A	BOT 4 RECEIVER	D01	
03562		XA423	15		XA545	03			16B	9			UB0T40X	01	TXDB41X	01	6	MUX	A1		07B		D01	
03564		XA545	03										UB0T40X	03	UB0T40X	00	1	DCF	A8		03A		D01	
04345		XA523	18		XA524	19			16B	9			UE0T1R	01	UE0T1S	01	1	TQ2	B2		10A		D01	
04346		XA524	19		XA525	19			16B	9			UE0T1R	02	UE0T1R	00	1	TT3	B2		09B		D01	
04347		XA525	19										UE0T1R	03	TE0T1A	01	3	TD4	B2		09B		D01	
04349		XA522	18		XA523	14			16B	9			UE0T1S	02	UE0T4A	01	1	TQ2	B2		10A		D01	
04350		XA523	14		XA524	14			16B	9			UE0T1S	03	UE0T1S	00	1	TQ2	B2		09A	EOT COUNTER BIT 1	D01	
04351		XA524	14										UE0T1S	04	UE0T1R	01	1	TT3	B2		09A		D01	
04355		XA524	27		XA523	20			16B	9			UE0T2A	01	UE0T2A	00	1	TT3	B3		13B		D01	
04356		XA523	20										UE0T2A	02	UE0T1S	01	2	TQ2	B2		11A		D01	
04359		XA522	27		XA523	23			16B	9			UE0T2R	01	UE0T2R	00	1	TQ2	B4		13B		D01	
04360		XA523	23		XA524	23			16B	9			UE0T2R	02	UE0T2S	01	1	TQ2	B4		11B		D01	
04361		XA524	23										UE0T2R	03	UE0T2A	01	2	TT3	B3		11B		D01	
04362		XA523	27		XA522	24			16B	9			UE0T2S	01	UE0T2S	00	1	TQ2	B4		13B	EOT COUNTER BIT 2	D01	
04363		XA522	24		XA522	23			16B	9			UE0T2S	02	UE0T3A	01	1	TQ2	B1		13A		D01	
04364		XA522	23										UE0T2S	03	UE0T2R	01	1	TQ2	B4		11B		D01	
04368		XA524	17		XA522	22			16B	9			UE0T3A	01	UE0T1R	01	2	TT3	B2		08B		D01	
04369		XA522	22										UE0T3A	02	UE0T3A	00	1	TQ2	B1		12A		D01	
03193		XA549	52		XA545	42			16B	9			UE0T3DR	00				EXT					D01	
08280		XA545	42										UE0T3DR	01				DCF			20B		D01	
03192		XA549	51		XA547	47			16B	9			UE0T3DX4	00				EXT					D01	
04370		XA547	47		XA545	41			16B	9			UE0T3DX4	01				RR4	E3				D01	
04371		XA545	41										UE0T3DX4	02	UE0T3DX400	1	1	DCF	B5		16A	EOT 3 RECEIVER	D01	
04372		XA423	33		XA422	39			16B	9			UE0T30X	01	TXDB51X	01	8	MUX	B1		16A		D01	
04373		XA422	39		XA545	40			16B	9			UE0T30X	02	TAD5X1X	01	3	MUX	C1		18B		D01	
04374		XA545	40										UE0T30X	03	UE0T30X	00	1	DCF	B6		15A		D01	
04375		XA522	14		XA523	25			16B	9			UE0T4A	01	UE0T4A	00	1	TQ2	B2		09A		D01	
04376		XA523	25										UE0T4A	02	UE0T2S	01	2	TQ2	B4		12B		D01	
03159		XA549	14		XA545	21			16B	9			UE0T4DR	00				EXT					D01	
08281		XA545	21										UE0T4DR	01				DCF					D01	

TM 11-5895-856-34-12/EE640-CA-MMI-120/E154 CPU/TO 31W2-2T-122-12

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DRAWING NUMBER
UNIT ASSEMBLY NAME

149016-800
CARD CAGE ASSY,A,IFCU

STRING

UNIT ASSEMBLY NO.
FILE IDENT

149016
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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	OR	PREFIX	CONNECTOR	PIN	OR	DE P O	MULTI GROUP	CODE	COLOR	IDENY											SPEC INST MISC									
03158		XA549	13			XA547	45				16B	9			UE0T4DX4	00																	D01
04377		XA547	45			XA545	23				16B	9			UE0T4DX4	01																D01	
04378		XA545	23												UE0T4DX4	02	UE0T4DX400	1	DCF	B7			10A	EOT 4 RECEIVER								D01	
04379		XA423	31			XA422	43				16B	9			UE0T40X	01	TXDB51X	01	6	MUX	B1		14B								D01		
04380		XA422	43			XA545	30				16B	9			UE0T40X	02	TADSX1X	01	5	MUX	C1		22B								D01		
04381		XA545	30												UE0T40X	03	UE0T40X	00	1	DCF	B8		11A								D01		
03154		XA549	08			XA545	58				16B	9			UFPR3DR	00																D01	
08272		XA545	58												UFPR3DR	01																D01	
03153		XA549	07			XA547	56				16B	9			UFPR3DX4	00																D01	
04400		XA547	56			XA545	60				16B	9			UFPR3DX4	01						F2									D01		
04401		XA545	60												UFPR3DX4	02	UFPR3DX400	1	DCF	C5			31B	FILE PROTECT 3 REC							D01		
04402		XA422	17			XA424	39				16B	9			UFPR30X	01	TXDB21X	01	8	MUX	A1		08B								D01		
04403		XA424	39			XA545	57				16B	9			UFPR30X	02	UFPRX1X	01	3	MUX	C1		18B								D01		
04404		XA545	57												UFPR30X	03	UFPR30X	00	1	DCF	C6		31A								D01		
03156		XA549	10			XA545	44				16B	9			UFPR4DR	00																D01	
08335		XA545	44												UFPR4DR	01																	D01
03155		XA549	09			XA547	55				16B	9			UFPR4DX4	00																D01	
04405		XA547	55			XA545	43				16B	9			UFPR4DX4	01						F3									D01		
04406		XA545	43												UFPR4DX4	02	UFPR4DX400	1	DCF	C7			25A	FILE PROTECT 4 REC							D01		
04407		XA422	15			XA424	43				16B	9			UFPR40X	01	TXDB21X	01	6	MUX	A1		07B								D01		
04408		XA424	43			XA545	48				16B	9			UFPR40X	02	UFPRX1X	01	5	MUX	C1		22B								D01		
04409		XA545	48												UFPR40X	03	UFPR40X	00	1	DCF	C8		26A								D01		
04477		XA515	54			XA509	64				16B	9			UINT7A	01	TWRGOR	01	3	TD4	D1		25A								D01		
04478		XA509	64			XA506	23				16B	9			UINT7A	02	UINT7A	00	1	TT3	E1		30A								D01		
04479		XA506	23												UINT7A	03	TINT50	01	1	TQ2	B4		11B								D01		
03168		XA549	24			XA549	42				16B	9			UMALFDR	01															D01		
03184		XA549	42			XA549	46				16B	9			UMALFDR	02																D01	
03187		XA549	46			XA549	48				16B	9			UMALFDR	03																D01	
03189		XA549	48			XA446	32				16B	9			UMALFDR	04																D01	
08476		XA446	32												UMALFDR	05																D01	
03167		XA549	23			XA549	41				16B	9			UMALFDX	00																D01	
03183		XA549	41			XA549	45				16B	9			UMALFDX	001																D01	
03186		XA549	45			XA549	47				16B	9			UMALFDX	002																D01	
03188		XA549	47			XA446	65				16B	9			UMALFDX	003																D01	
04769		XA446	65												UMALFDX	004	UMALFDX	00	1	DCF	D1		32B	MALFUNCTION RECEIV							D01		
04979		XA547	36			XA546	60				16B	9			URBDSX4	01															D01		
04980		XA546	60												URBDSX4	02	URBDSX400	1	DCF	C5			31B	READ STATUS RECEIV							D01		

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UNIT ASSEMBLY NAME

149016-800
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	PREFIX	CONNECTOR	PIN	ST10	PREFIX	CONNECTOR	PIN	ST10	MULTI- GROUP	CODE	COLOR	IDENT															
05040		XA547	25			XA546	78			16B	9		URDY2DX4	01				RR4	C4				D01				
05041		XA546	78										URDY2DX4	02	URDY2DX400	1	DCF	D3			37B	READY 2 RECEIVER	D01				
05042		XA421	34			XA423	37			16B	9		URDY2OX	01	TXDB11X	01	7	MUX	B1		15B		D01				
05043		XA423	37			XA546	75			16B	9		URDY2OX	02	URDYX1X	01	2	MUX	C1		17B		D01				
05044		XA546	75										URDY2OX	03	URDY2OX	00	1	DCF	D4		36B		D01				
05045		XA547	29			XA546	80			16B	9		URDY3DX4	01				RR4	C5				D01				
05046		XA546	80										URDY3DX4	02	URDY3DX400	1	DCF	D5			38B	READY 3 RECEIVER	D01				
05047		XA421	33			XA423	39			16B	9		URDY3OX	01	TXDB11X	01	8	MUX	B1		16A		D01				
05048		XA423	39			XA546	76			16B	9		URDY3OX	02	URDYX1X	01	3	MUX	C1		18B		D01				
05049		XA546	76										URDY3OX	03	URDY3OX	00	1	DCF	D6		38A		D01				
05050		XA547	42			XA546	61			16B	9		URDY4OX4	01				RR4	D1				D01				
05051		XA546	61										URDY4OX4	02	URDY4OX400	1	DCF	D7			33A	READY 4 RECEIVER	D01				
05052		XA421	31			XA423	43			16B	9		URDY4OX	01	TXDB11X	01	6	MUX	B1		14B		D01				
05053		XA423	43			XA546	68			16B	9		URDY4OX	02	URDYX1X	01	5	MUX	C1		22B		D01				
05054		XA546	68										URDY4OX	03	URDY4OX	00	1	DCF	D8		34A		D01				
03166		XA549	22			XA545	79			16B	9		UREW3DR	00				EXT					D01				
08285		XA545	79										UREW3DR	01				DCF				40B		D01			
03165		XA549	21			XA547	72			16B	9		UREW3DX4	00				EXT						D01			
05208		XA547	72			XA545	80			16B	9		UREW3DX4	01				RR4	G1					D01			
05209		XA545	80										UREW3DX4	02	UREW3DX400	1	DCF	D5			38B	REWINDING 3 RECEIV	D01				
05216		XA422	33			XA522	07			16B	9		UREW3OX	01	TXDB31X	01	8	MUX	B1		16A		D01				
05217		XA522	07			XA545	76			16B	9		UREW3OX	02	URW3CA	01	2	TQ2	A3		03A			D01			
05218		XA545	76										UREW3OX	03	UREW3OX	00	1	DCF	D6		38A			D01			
03164		XA549	20			XA545	59			16B	9		UREW4DR	00				EXT						D01			
08286		XA545	59										UREW4DR	01				DCF						D01			
03163		XA549	19			XA547	66			16B	9		UREW4DX4	00				EXT						D01			
05219		XA547	66			XA545	61			16B	9		UREW4DX4	01				RR4	G2					D01			
05220		XA545	61										UREW4DX4	02	UREW4DX400	1	DCF	D7			33A	REWINDING 4 RECEIV	D01				
05225		XA422	31			XA522	13			16B	9		UREW4OX	01	TXDB31X	01	6	MUX	B1		14B			D01			
05226		XA522	13			XA545	68			16B	9		UREW4OX	02	URW4CA	01	2	TQ2	A4		06B			D01			
05227		XA545	68										UREW4OX	03	UREW4OX	00	1	DCF	D8		34A			D01			
06327		XA547	38			XA546	43			16B	9		UWDBSDX4	01				RR4	C2					D01			
06328		XA546	43										UWDBSDX4	02	UWDBSDX400	1	DCF	C7			25A	WRITE STATUS RECEI	D01				
06381		XA443	53			XA443	59			16B	9		UWDDGO	01	UWLC2D	01	1	TLD	E3		28B			D01			
06382		XA443	59			XA443	62			16B	9		UWDDGO	02	UWLC3D	01	1	TLD	E4		31B			D01			
													***	SIGNAL	UWDDGO												
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149016-800
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	PREFIX	CONNECTOR	PIN		SHT TO	MULTI GROUP	CODE	COLOR	IDENT												
06383		XA443	62																		
06384		XA443	68																		
06385		XA512	69																		
06386		XA443	47																		
06387		XA443	65																		
06388		XA443	71																		
06389		XA443	77																		
06390		XA443	76																		
06391		XA512	80																		
06416		XA443	51							J	UWLCPE	01	UWLCPE	00	1	TLD	D4	27B	TWDBPB4	BUSS	D01
06417		XA539	24																		
06418		XA540	25																		
06419		XA443	49																		
06420		XA540	24																		
06421		XA539	25																		
06422		XA443	66							J	UWLCOD	01	UWLCOD	00	1	TLD	E1	31A	TWDBOB4	BUSS	D01
06423		XA539	40																		
06424		XA540	22																		
06425		XA443	70																		
06426		XA540	18																		
06427		XA539	37																		
06428		XA443	60							J	UWLCID	01	UWLCID	00	1	TLD	E2	28A	TWDBIB4	BUSS	D01
06429		XA539	34																		
06430		XA540	33																		
06431		XA443	64																		
06432		XA540	29																		
06433		XA539	31																		
06434		XA443	57							J	UWLC2D	01	UWLC2D	00	1	TLD	E3	30B	TWDB2B4	BUSS	D01
06435		XA539	54																		
06436		XA540	39																		
06437		XA443	55																		
06438		XA540	35																		
06439		XA539	49																		
06440		XA443	63							J	UWLC3D	01	UWLC3D	00	1	TLD	F4	33B	TWDB3B4	BUSS	D01
06441		XA539	48																		

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DRAWING NUMBER
UNIT ASSEMBLY NAME

149016-800
CARD CAGE ASSY,A,IFCU

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FILE IDENT

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RECORD NUMBER	FROM				TO				WIRE				SIGNAL	SEQ NO	EQUATION	TERM FACTOR	CKT OR CHIP TYPE	GROUP	LOAD OR POWER PLANE	TEST POINTS AND/OR	SIGNAL DESCRIPTION	ECO NO
	PREFIX	CONNECTOR	PIN	SLOT	PREFIX	CONNECTOR	PIN	SLOT	MULTI GROUP	CODE	COLOR	IDENT										
06442		XA540	42										UWLC3ER	02	UWLC3ER	00 1	EOR C3		20A		D01	
06443		XA443	61		XA540	38				16B	9		UWLC3Q	01	UWLC3D	01 2	TLD E4		32B		D01	
06444		XA540	38		XA539	43				16B	9		UWLC3Q	02	UWLC3ER	01 2	EOR C3		18A		D01	
06445		XA539	43										UWLC3Q	03	UWLC3Q	00 1	TDD HQ		23B		D01	
06446		XA443	75									J	UWLC4D	01	UWLC4D	00 1	TLD F1		37B	TWDB4B4 BUSS	D01	
06447		XA539	68		XA540	36				16B	9		UWLC4ER	01	UWLC4I	01 1	TDD JI		32A		D01	
06448		XA540	36										UWLC4ER	02	UWLC4ER	00 1	EOR C4		17A		D01	
06449		XA443	79		XA540	30				16B	9		UWLC4Q	01	UWLC4D	01 2	TLD F1		39B		D01	
06450		XA540	30		XA539	61				16B	9		UWLC4Q	02	UWLC4ER	01 2	EOR C4		15A		D01	
06451		XA539	61										UWLC4Q	03	UWLC4Q	00 1	TDD JQ		32B		D01	
06452		XA443	72									J	UWLC5D	01	UWLC5D	00 1	TLD F2		34A	TWDB5B4 BUSS	D01	
06453		XA539	62		XA540	45				16B	9		UWLC5ER	01	UWLC5I	01 1	TDD KI		29A		D01	
06454		XA540	45										UWLC5ER	02	UWLC5ER	00 1	EOR D1		24B		D01	
06455		XA443	73		XA540	41				16B	9		UWLC5Q	01	UWLC5D	01 2	TLD F2		36B		D01	
06456		XA540	41		XA539	55				16B	9		UWLC5Q	02	UWLC5ER	01 2	EOR D1		22B		D01	
06457		XA539	55										UWLC5Q	03	UWLC5Q	00 1	TDD KQ		29B		D01	
06458		XA443	69									J	UWLC6D	01	UWLC6D	00 1	TLD F3		35A	TWDB6B4 BUSS	D01	
06459		XA539	77		XA540	51				16B	9		UWLC6ER	01	UWLC6I	01 1	TDD LI		38B		D01	
06460		XA540	51										UWLC6ER	02	UWLC6ER	00 1	EOR D2		27B		D01	
06461		XA443	74		XA540	47				16B	9		UWLC6Q	01	UWLC6D	01 2	TLD F3		35B		D01	
06462		XA540	47		XA539	78				16B	9		UWLC6Q	02	UWLC6ER	01 2	EOR D2		25B		D01	
06463		XA539	78										UWLC6Q	03	UWLC6Q	00 1	TDD LQ		38A		D01	
06464		XA443	80									J	UWLC7D	01	UWLC7D	00 1	TLD F4		39A	TWDB7B4 BUSS	D01	
06465		XA539	71		XA540	56				16B	9		UWLC7ER	01	UWLC7I	01 1	TDD MI		34A		D01	
06466		XA540	56										UWLC7ER	02	UWLC7ER	00 1	EOR D3		26A		D01	
06467		XA443	78		XA540	52				16B	9		UWLC7Q	01	UWLC7D	01 2	TLD F4		38A		D01	
06468		XA540	52		XA539	74				16B	9		UWLC7Q	02	UWLC7ER	01 2	EOR D3		24A		D01	
06469		XA539	74										UWLC7Q	03	UWLC7Q	00 1	TDD MQ		35B		D01	
06470		XA517	29		XA517	35				16B	9		UWLC7Q	03	UWLC7Q	00 1	TDD MQ		35B		D01	
06471		XA517	35		XA516	51				16B	9		UWLC7Q	03	UWLC7Q	00 1	TDD MQ		35B		D01	
06472		XA516	51										UWLC7Q	03	UWLC7Q	00 1	TDD MQ		35B		D01	
06473		XA539	56		XA539	46				16B	9		UWLC7Q	03	UWLC7Q	00 1	TDD MQ		35B		D01	
06474		XA539	46		XA539	42				16B	9		UWLC7Q	03	UWLC7Q	00 1	TDD MQ		35B		D01	
06475		XA539	42		XA539	26				16B	9		UWLC7Q	03	UWLC7Q	00 1	TDD MQ		35B		D01	
06476		XA539	26		XA539	30				16B	9		UWLC7Q	04	UWLC7Q	00 1	TDD MQ		35B		D01	
**** SIGNAL UWLC7Q IS ON THE NEXT PAGE ****																						

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 DRAWING NUMBER
 UNIT ASSEMBLY NAME

149016-800
 CARD CAGE ASSY,A,IFCU

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UNIT ASSEMBLY NO.
 FILE IDENT

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 T39CIFC6

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	PREFIX	CONNECTOR	PIN	WIRE	PREFIX	CONNECTOR	PIN	WIRE	MULTI GROUP	CODE	COLOR	IDEN1													
06477		XA539	30											UWLK00	05	UWLC1N	01	1	TDD	FN		15A		D01	
06478		XA517	33			XA517	33			16B	9			UWLK00	06	UWLK00	00	1	TQ2	C3		16B		D01	
06479		XA517	39			XA539	60			16B	9			UWLK10	01	UWLK10	00	1	TQ2	C4		19B		D01	
06480		XA539	60			XA539	70			16B	9			UWLK10	02	UWLC5N	01	1	TDD	KN		28A		D01	
06481		XA539	70			XA539	72			16B	9			UWLK10	03	UWLC4N	01	1	TDD	JN		33A		D01	
06482		XA539	72			XA539	79			16B	9			UWLK10	04	UWLC7N	01	1	TDD	MN		34A		D01	
06483		XA539	79			XA539	79			16B	9			UWLK10	05	UWLC6N	01	1	TDD	LN		39B		D01	
06504		XA517	30			XA539	27			16B	9			UWLS0A	01	UWLS0A	00	1	TQ2	C2		15A		D01	
06505		XA539	27			XA539	29			16B	9			UWLS0A	02	UWLCPO	01	1	TDD	CQ		13B		D01	
06506		XA539	29			XA539	39			16B	9			UWLS0A	03	UWLC1Q	01	1	TDD	FQ		14B		D01	
06507		XA539	39			XA539	41			16B	9			UWLS0A	04	UWLC0Q	01	1	TDD	EQ		19B		D01	
06508		XA539	41			XA539	51			16B	9			UWLS0A	05	UWLC3Q	01	1	TDD	HQ		22B		D01	
06509		XA539	51			XA539	53			16B	9			UWLS0A	06	UWLC2Q	01	1	TDD	GQ		27B		D01	
06510		XA539	53			XA539	63			16B	9			UWLS0A	07	UWLC5Q	01	1	TDD	KQ		28B		D01	
06511		XA539	63			XA539	65			16B	9			UWLS0A	08	UWLC4Q	01	1	TDD	JQ		33B		D01	
06512		XA539	65			XA539	80			16B	9			UWLS0A	09	UWLC7Q	01	1	TDD	MQ		34B		D01	
06513		XA539	80											UWLS0A	10	UWLC6Q	01	1	TDD	LQ		39A		D01	
06514		XA516	45			XA517	34			16B	9			UWLS00	01	UWLS00	00	1	TQ2	D3		24B		D01	
06515		XA517	34											UWLS00	02	UWLS0A	01	1	TQ2	C2		16A		D01	
06602		XA518	76			XA512	60			16B	9			UWR10A	01	UWR1CQ	01	2	TT3	F3		37A		D01	
06603		XA512	60											UWR10A	02	UWR1QA	00	1	TQ2	E2		28A		D01	
06728		XA518	15			XA517	03			16B	9			UWRT8A	01	UWRT8A	00	1	TT3	A3		07B		D04	
06729		XA517	03											UWRT8A	02	URRS00	01	1	TQ2	A3		02A		D04	
06730		XA518	20			XA517	11			16B	9			UWRT9A	01	UWRT9A	00	1	TT3	B1		11A		D04	
06731		XA517	11											UWRT9A	02	URRS10	01	1	TQ2	A4		05B		D04	
06803		XA512	76			XA512	65			16B	9			UW4BCA	01	UWDDH0	01	1	TQ2	F4		37A		D01	
06804		XA512	65			XA518	55			16B	9			UW4BCA	02	UWDDG0	01	1	TQ2	F3		34B		D01	
06805		XA518	55											UW4BCA	03	UW4BCA	00	1	TT3	E2		29B		D01	
06806		XA524	73			XA512	74			16B	9			UW5BCA	01	UW5BCA	00	1	TT3	F1		36B		D01	
06807		XA512	74			XA512	78			16B	9			UW5BCA	02	UWDDG0	01	2	TQ2	E3		35B		D01	
06808		XA512	78											UW5BCA	03	UWDDH0	01	2	TQ2	F4		38A		D01	
08088		XA502	59			XA523	76			16B	9			U1658A	01	U1658A	00	1	TS8	E1		31B	WRITE COUNT36-38U	D01	
08089		XA523	76											U1658A	02	U16580	01	1	TQ2	F4		37A		D01	
08102		XA527	47			XA523	71			16B	9			U3618A	01	U3618A	00	1	TS8	D1		25B	WRITE COUNT 16-18U	D01	
08103		XA523	71											U3618A	02	U36180	01	1	TQ2	F2		36A		D01	
65524		XA146	58			XA148	80			16B	9			WIFCOG	01				MTS					A01	
63733		XA148	80											WIFCOG	02				EXT					B06	
64923		J01	A4			XA148	79			18D	9			WIFCON	01				EX9						
												****	SIGNAL	WIFCON	IS ON THE NEXT PAGE										****

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	PREFIX	CONNECTOR	PIN	PLT	PREFIX	CONNECTOR	PIN	PLT	MULTI GROUP	CODE	COLOR	IDENT											
63732 02786		XA148 XA448	79 79			XA448 79				16B	9							EXT EXT				B04 B04	
64924 02819 02676		XA251 XA350 XA447	37 37 38			XA350 XA447	37 38			16B 16B	9 9							EXT EXT SHT				B04 B04 B04	
64925 02820		XA251 XA350	38 38			XA350	38			16B	9							EXT EXT				B04 B04	
02891 02963 02713		XA551 XA451 XA447	37 37 78			XA451 XA447	37 78			16B 16B	9 9							EXT EXT SHT				B04 B04 B04	
02892 64926		XA551 XA451	38 38			XA451	38			16B	9							EXT EXT				B04 B04	
64927 02817 02673		XA251 XA350 XA447	35 35 35			XA350 XA447	35 35			16B 16B	9 9							EXT EXT SHT				B04 B04 B04	
64928 02818		XA251 XA350	36 36			XA350	36			16B	9							EXT EXT				B04 B04	
02889 02961 02710		XA551 XA451 XA447	35 35 75			XA451 XA447	35 75			16B 16B	9 9							EXT EXT SHT				B04 B04 B04	
02890 64929		XA551 XA451	36 36			XA451	36			16B	9							EXT EXT				B04 B04	
64930 02821 02677		XA251 XA350 XA447	39 39 39			XA350 XA447	39 39			16B 16B	9 9							EXT EXT SHT				B04 B04 B04	
64931 02822		XA251 XA350	40 40			XA350	40			16B	9							EXT EXT				B04 B04	
02893 02965 02714		XA551 XA451 XA447	39 39 79			XA451 XA447	39 79			16B 16B	9 9							EXT EXT SHT				B04 B04 B04	
64932 02894		XA451 XA551	40 40			XA551	40			16B	9							EXT EXT				B04 B04	
64933 02803		XA251 XA350	19 19			XA350	19			16B	9							EXT EXT				B04 B07	
64934 02804		XA251 XA350	20 20			XA350	20			16B	9							EXT EXT				B04 B07	

TM 11-5895-856-34-12/EE640-CA-MMI-120/E154 CPU/TO 31W2-2T-122-12

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DRAWING NUMBER
UNIT ASSEMBLY NAME

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	PREFIX	CONNECTOR	PIN	WIRE	PREFIX	CONNECTOR	PIN	WIRE	MULTI GROUP	CODE	COLOR	IDENT									
02875 02947		XA551 XA451	19 19			XA451	19			16B	9		XAR0BB XAR0BB	01 02			EXT EXT			B04 B07	
64935 02876		XA451 XA551	20 20			XA551	20			16B	9		XAR0BR XAR0BR	02 03			EXT EXT			B04 B04	
64936 02805		XA251 XA350	21 21			XA350	21			16B	9		XAR1AB XAR1AB	01 02			EXT EXT			B04 B07	
64937 02806		XA251 XA350	22 22			XA350	22			16B	9		XAR1AR XAR1AR	01 02			EXT EXT			B04 B07	
02877 02949		XA551 XA451	21 21			XA451	21			16B	9		XAR1BB XAR1BB	01 02			EXT EXT			B04 B07	
64938 02878		XA451 XA551	22 22			XA551	22			16B	9		XAR1BR XAR1BR	02 03			EXT EXT			B04 B04	
64939 02807 02666		XA251 XA350 XA447	23 23 26			XA350 XA447	23 26			16B 16B	9 9		XAR2AB XAR2AB XAR2AB	01 02 03			EXT EXT SHT			B04 B07 B07	
64940 02808 08563		XA251 XA350 XA444	24 24 44			XA350 XA444	24 44			16B 16B	9 9		XAR2AR XAR2AR XAR2AR	01 02 03			EXT EXT TLD		27A	B04 B07 B07	
02699 02951 02879		XA447 XA451 XA551	63 23 23			XA451 XA551	23 23			16B 16B	9 9		XAR2BB XAR2BB XAR2BB	00 01 02			SHT EXT EXT			B07 B04 B04	
08564 64941 02880		XA444 XA451 XA551	44 24 24			XA451 XA551	24 24			16B 16B	9 9		XAR2BR XAR2BR XAR2BR	00 01 02			TLD EXT EXT		27A	B07 B04 B04	
64942 02809 02667		XA251 XA350 XA447	25 25 27			XA350 XA447	25 27			16B 16B	9 9		XAR3AB XAR3AB XAR3AB	01 02 03			EXT EXT SHT			B04 B07 B07	
64943 02810 08565		XA251 XA350 XA444	26 26 58			XA350 XA444	26 58			16B 16B	9 9		XAR3AR XAR3AR XAR3AR	01 02 03			EXT EXT TLD		40A	B04 B07 B07	
02702 02953 02881		XA447 XA451 XA551	66 25 25			XA451 XA551	25 25			16B 16B	9 9		XAR3BB XAR3BB XAR3BB	00 01 02			SHT EXT EXT			B07 B04 B04	
08566 64944		XA444 XA451	58 26			XA451 XA551	26 26			16B 16B	9 9		XAR3BR XAR3BR	00 01			TLD EXT		40A	B07 B04	
										****		SIGNAL	XAR3BR		IS ON THE NEXT PAGE ****						

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DRAWING NUMBER
UNIT ASSEMBLY NAME

149016-800
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	PREFIX	CONNECTOR	PIN	SH FT	PREFIX	CONNECTOR	PIN	SH FT	MULTI GROUP	CODE	COLOR	IDENT											
02882		XA551	26										XAR3BR	02				EXT				B04	
64945		XA251	27		XA350	27			168	9			XAR4AB	01				EXT				B04	
02811		XA350	27										XAR4AB	02				EXT				B04	
64946		XA251	28		XA350	28			168	9			XAR4AR	01				EXT				B04	
00150		XA350	28										XAR4AR	02				EXT				B04	
02955		XA451	27		XA551	27			168	9			XAR4BB	01				EXT				B04	
02883		XA551	27										XAR4BB	02				EXT				B04	
64947		XA451	28		XA551	28			168	9			XAR4BR	01				EXT				B04	
00152		XA551	28										XAR4BR	02				EXT				B04	
64948		XA251	29		XA350	29			168	9			XAR5AB	01				EXT				B04	
02812		XA350	29										XAR5AB	02				EXT				B04	
64949		XA251	30		XA350	30			168	9			XAR5AR	01				EXT				B04	
02813		XA350	30										XAR5AR	02				EXT				B04	
02956		XA451	29		XA551	29			168	9			XAR5BB	01				EXT				B04	
02884		XA551	29										XAR5BB	02				EXT				B04	
64950		XA451	30		XA551	30			168	9			XAR5BR	01				EXT				B04	
02885		XA551	30										XAR5BR	02				EXT				B04	
64951		XA251	31		XA350	31			168	9			XAR6AB	01				EXT				B04	
02814		XA350	31		XA447	31			168	9			XAR6AB	02				EXT				B04	
02670		XA447	31										XAR6AB	03				SHT				B04	
64952		XA251	32		XA350	32			168	9			XAR6AR	01				EXT				B04	
00844		XA350	32										XAR6AR	02				EXT				B04	
02886		XA551	31		XA451	31			168	9			XAR6BB	01				EXT				B04	
02958		XA451	31		XA447	71			168	9			XAR6BB	02				EXT				B04	
02706		XA447	71										XAR6BB	03				SHT				B04	
64953		XA451	32		XA551	32			168	9			XAR6BR	01				EXT				B04	
00850		XA551	32										XAR6BR	02				EXT				B04	
64954		XA251	33		XA350	33			168	9			XAR7AB	01				EXT				B04	
02815		XA350	33		XA447	34			168	9			XAR7AB	02				EXT				B04	
02672		XA447	34										XAR7AB	03				SHT				B04	
64955		XA251	34		XA350	34			168	9			XAR7AR	01				EXT				B04	
02816		XA350	34										XAR7AR	02				EXT				B04	
02887		XA551	33		XA451	33			168	9			XAR7BR	01				EXT				B04	
02959		XA451	33		XA447	74			168	9			XAR7BB	02				EXT				B04	
02709		XA447	74										XAR7BB	03				SHT				B04	

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	PREFIX	CONNECTOR	PIN	SH FTG	PREFIX	CONNECTOR	PIN	SH FTG	MULTI GROUP	CODE	COLOR	IDENT											
64956 02888		XA451 XA551	34 34		XA551	34				16B	9		XAR7BR XAR7BR	01 02				EXT EXT				B04 B04	
64957 02788 02645		XA251 XA350 XA447	01 01 03		XA350 XA447	01 03				16B	9		XAOPAB XAOPAB XAOPAB	01 02 03				EXT EXT SHT				B04 B04 B04	
64958 00842		XA251 XA350	02 02		XA350	02				16B	9		XAOPAR XAOPAR	01 02				EXT EXT				B04 B04	
02860 02932 02680		XA551 XA451 XA447	01 01 42		XA451 XA447	01 42				16B	9		XAOPBB XAOPBB XAOPBB	01 02 03				EXT EXT SHT				B04 B04 B04	
64959 00848		XA451 XA551	02 02		XA551	02				16B	9		XAOPBR XAOPBR	01 02				EXT EXT				B04 B04	
64960 02789 02648		XA251 XA350 XA447	03 03 06		XA350 XA447	03 06				16B	9		XA00AB XA00AB XA00AB	01 02 03				EXT EXT SHT				B04 B04 B04	
64961 02790		XA251 XA350	04 04		XA350	04				16B	9		XA00AR XA00AR	01 02				EXT EXT				B04 B04	
02861 02933 02681		XA551 XA451 XA447	03 03 43		XA451 XA447	03 43				16B	9		XA00BB XA00BB XA00BB	01 02 03				EXT EXT SHT				B04 B04 B04	
64962 02862		XA451 XA551	04 04		XA551	04				16B	9		XA00BR XA00BR	01 02				EXT EXT				B04 B04	
64963 02791 02649		XA251 XA350 XA447	05 05 07		XA350 XA447	05 07				16B	9		XA01AB XA01AB XA01AB	01 02 03				EXT EXT SHT				B04 B04 B04	
64964 02792		XA251 XA350	06 06		XA350	06				16B	9		XA01AR XA01AR	01 02				EXT EXT				B04 B04	
02863 02935 02685		XA551 XA451 XA447	05 05 48		XA451 XA447	05 48				16B	9		XA01BB XA01BB XA01BB	01 02 03				EXT EXT SHT				B04 B04 B04	
64965 02864		XA451 XA551	06 06		XA551	06				16B	9		XA01BR XA01BR	01 02				EXT EXT				B04 B04	
64966 02793 02652		XA251 XA350 XA447	07 07 10		XA350 XA447	07 10				16B	9		XA02AB XA02AB XA02AB	01 02 03				EXT EXT SHT				B04 B04 B04	

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	PREFIX	CONNECTOR	PIN	SH PG	PREFIX	CONNECTOR	PIN	SH PG	MULTI GROUP	CODE	COLOR	IDENT											
64967 02794		XA251 XA350	08 08			XA350	08			16B	9							EXT EXT					B04 B04
02865 02937 02686		XA551 XA451 XA447	07 07 49			XA451 XA447	07 49			16B	9							EXT EXT SHT					B04 B04 B04
64968 02866		XA451 XA551	08 08			XA551	08			16B	9							EXT EXT					B04 B04
64969 02795 02656		XA251 XA350 XA447	09 09 15			XA350 XA447	09 15			16B	9							EXT EXT SHT					B04 B04 B04
64970 02796		XA251 XA350	10 10			XA350	10			16B	9							EXT EXT					B04 B04
02867 02939 02689		XA551 XA451 XA447	09 09 52			XA451 XA447	09 52			16B	9							EXT EXT SHT					B04 B04 B04
02940 02868		XA451 XA551	10 10			XA551	10			16B	9							EXT EXT					B04 B04
64971 02797 02658		XA251 XA350 XA447	11 11 18			XA350 XA447	11 18			16B	9							EXT EXT SHT					B04 B04 B04
64972 00149		XA251 XA350	12 12			XA350	12			16B	9							EXT EXT					B04 B04
02869 02941 02690		XA551 XA451 XA447	11 11 53			XA451 XA447	11 53			16B	9							EXT EXT SHT					B04 B04 B04
64973 00151		XA451 XA551	12 12			XA551	12			16B	9							EXT EXT					B04 B04
64974 02798 02659		XA251 XA350 XA447	13 13 19			XA350 XA447	13 19			16B	9							EXT EXT SHT					B04 B04 B04
64975 02799		XA251 XA350	14 14			XA350	14			16B	9							EXT EXT					B04 B04
02870 02942 02693		XA551 XA451 XA447	13 13 56			XA451 XA447	13 56			16B	9							EXT EXT SHT					B04 B04 B04

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64976 02871	XA451 XA551	14 14		XA551	14		16B 9	XA05BR XA05BR	01 02			EXT EXT			B04 B04
64977 02800 02662	XA251 XA350 XA447	15 15 22		XA350 XA447	15 22		16B 9 16B 9	XA06AB XA06AB XA06AB	01 02 03			EXT EXT SHT			B04 B04 B04
64978 00843	XA251 XA350	16 16		XA350	16		16B 9	XA06AR XA06AR	01 02			EXT EXT			B04 B04
02872 02944 02695	XA551 XA451 XA447	15 15 59		XA451 XA447	15 59		16B 9 16B 9	XA06BB XA06BB XA06BB	01 02 03			EXT EXT SHT			B04 B04 B04
64979 00849	XA451 XA551	16 16		XA551	16		16B 9	XA06BR XA06BR	01 02			EXT EXT			B04 B04
64980 02801 02663	XA251 XA350 XA447	17 17 23		XA350 XA447	17 23		16B 9 16B 9	XA07AB XA07AB XA07AB	01 02 03			EXT EXT SHT			B04 B04 B04
64981 02802	XA251 XA350	18 18		XA350	18		16B 9	XA07AR XA07AR	01 02			EXT EXT			B04 B04
02873 02945 02698	XA551 XA451 XA447	17 17 62		XA451 XA447	17 62		16B 9 16B 9	XA07BB XA07BB XA07BB	01 02 03			EXT EXT SHT			B04 B04 B04
64982 02874	XA451 XA551	18 18		XA551	18		16B 9	XA07BR XA07BR	01 02			EXT EXT			B04 B04
02856 64983 64984	XA350 XA251 XA248	77 77 38		XA251 XA248	77 38		16B 9 16B 9	XBCMAB XBCMAB XBCMAB	01 02 03			EXT EXT SHT			B04 B04 B04
02857 64985 65571	XA350 XA251 XA248	78 78 44		XA251 XA248	78 44	3	16B 9 16B 9	XBCMAB XBCMAB XBCMAB	01 02 03			EXT EXT SHT			B04 B04 B04
02928 03000 64987	XA551 XA451 XA248	77 77 78		XA451 XA248	77 78		16B 9 16B 9	XBCMAB XBCMAB XBCMAB	01 02 03			EXT EXT SHT			B04 B04 B04
65572 64989 64990	XA250 XA451 XA551	68 78 78		XA451 XA551	78 78		16B 9 16B 9	XBCMAB XBCMAB XBCMAB	01 02 03			EXT EXT EXT			B04 B04 B04
02854	XA350	75		XA251	75		16B 9	XBENAB	01			EXT			B04
<p style="text-align: center;">**** SIGNAL (XBENAB) IS ON THE NEXT PAGE ****</p>															

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	PREFIX	CONNECTOR	PIN	SH FCG	PREFIX	CONNECTOR	PIN	SH FCG	MULTI GROUP	CODE	COLOR	IDENT														
64991 64992		XA251 XA248	75 35			XA248 35				16B 9									EXT SHT				B04 B04			
02926 02998 64995		XA551 XA451 XA248	75 75 75			XA451 XA248 75				16B 9 16B 9									EXT EXT SHT				B04 B04 B04			
02927 02999 65574		XA551 XA451 XA250	76 76 78			XA451 XA250 78	3			16B 9 16B 9									EXT EXT EXT				B04 B04 B04			
02858 64997 64998		XA350 XA251 XA248	79 79 39			XA251 XA248 39				16B 9 16B 9									EXT EXT SHT				B04 B04 B04			
02859 64999 65575		XA350 XA251 XA250	80 80 44			XA251 XA250 44	3			16B 9 16B 9									EXT EXT EXT				B04 B04 B04			
02930 03002 65001		XA551 XA451 XA248	79 79 79			XA451 XA248 79				16B 9 16B 9									EXT EXT SHT				B04 B04 B04			
65576 65003 65004		XA246 XA451 XA551	67 80 80	3		XA451 XA551 80	3			16B 9 16B 9									RR4 EXT EXT				A02 B04 B04			
02839 65005 65006		XA350 XA251 XA248	59 59 26			XA251 XA248 26				16B 9 16B 9									EXT EXT SHT				B04 B04 B04			
65007 02840		XA251 XA350	60 60			XA350 60				16B 9									EXT EXT				B04 B04			
02911 02983 65008		XA551 XA451 XA248	59 59 63			XA451 XA248 63				16B 9 16B 9									EXT EXT SHT				B04 B04 B04			
65009 65010		XA451 XA551	60 60			XA551 60				16B 9									EXT EXT				B04 B04			
02841 65011 65012		XA350 XA251 XA248	61 61 27			XA251 XA248 27				16B 9 16B 9									EXT EXT SHT				B04 B04 B04			
65013 02842		XA251 XA350	62 62			XA350 62				16B 9									EXT EXT				B04 B04			
02913 02985		XA551 XA451	61 61			XA451 XA248 66				16B 9 16B 9									EXT EXT				B04 B04			
												****	SIGNAL	XBRI1B	IS ON THE NEXT PAGE										****	

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	PREFIX	CONNECTOR	PIN	PREFIX	CONNECTOR	PIN	MULTI GROUP	CODE	COLOR	IDENT											
65014		XA248	66													SHT					B04
65015		XA451	62		XA551	62				16B	9					EXT					B04
65016		XA551	62													EXT					B04
02843		XA350	63		XA251	63				16B	9					EXT					B04
65017		XA251	63													EXT					B04
65018		XA251	64		XA350	64				16B	9					EXT					B04
02844		XA350	64													EXT					B04
02987		XA451	63		XA551	63				16B	9					EXT					B04
02915		XA551	63													EXT					B04
65019		XA451	64		XA551	64				16B	9					EXT					B04
65020		XA551	64													EXT					B04
65021		XA251	65		XA350	65				16B	9					EXT					B04
02845		XA350	65													EXT					B04
65022		XA251	66		XA350	66				16B	9					EXT					B04
02846		XA350	66													EXT					B04
02989		XA451	65		XA551	65				16B	9					EXT					B04
02917		XA551	65													EXT					B04
65023		XA451	66		XA551	66				16B	9					EXT					B04
65024		XA551	66													EXT					B04
65025		XA251	67		XA350	67				16B	9					EXT					B04
00847		XA350	67													EXT					B04
65026		XA251	68		XA350	68				16B	9					EXT					B04
02847		XA350	68													EXT					B04
00859		XA451	67		XA551	67				16B	9					EXT					B04
00853		XA551	67													EXT					B04
65027		XA451	68		XA551	68				16B	9					EXT					B04
65028		XA551	68													EXT					B04
65029		XA251	69		XA350	69				16B	9					EXT					B04
02848		XA350	69													EXT					B04
65030		XA251	70		XA350	70				16B	9					EXT					B04
02849		XA350	70													EXT					B04
02992		XA451	69		XA551	69				16B	9					EXT					B04
02920		XA551	69													EXT					B04
											****	SIGNAL	XBR5BR	IS ON THE	NEXT PAGE	****					

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	PREFIX	CONNECTOR	PIN		PREFIX	CONNECTOR	PIN		CODE	COLOR	IDENT											
65031		XA451	70			XA551	70			16B	9		XBR5BR	01								B04
65032		XA551	70										XBR5BR	02								B04
65033		XA251	71			XA350	71			16B	9		XBR6AB	01								B04
02850		XA350	71										XBR6AB	02								B04
65034		XA251	72			XA350	72			16B	9		XBR6AR	01								B04
02851		XA350	72										XBR6AR	02								B04
02994		XA451	71			XA551	71			16B	9		XBR6BB	01								B04
02922		XA551	71										XBR6BB	02								B04
65035		XA451	72			XA551	72			16B	9		XBR6BR	01								B04
65036		XA551	72										XBR6BR	02								B04
65037		XA251	73			XA350	73			16B	9		XBR7AB	01								B04
02852		XA350	73										XBR7AB	02								B04
65111		XA250	80			XA251	74			16B	9		XBR7AR	00								B04
65038		XA251	74			XA350	74			16B	9		XBR7AR	01								B04
02853		XA350	74										XBR7AR	02								B04
02996		XA451	73			XA551	73			16B	9		XBR7BB	01								B04
02924		XA551	73										XBR7BB	02								B04
02997		XA451	74			XA551	74			16B	9		XBR7BR	01								B04
02925		XA551	74										XBR7BR	02								B04
02823		XA350	41			XA251	41			16B	9		XBOPAB	01								B04
65039		XA251	41			XA248	03			16B	9		XBOPAB	02								B04
65040		XA248	03										XBOPAB	03								B04
02824		XA350	42			XA251	42			16B	9		XBOPAR	01								B04
65041		XA251	42	3		XA245	32	3		16B	9		XBOPAR	02								B04
65577		XA245	32										XBOPAR	03								A02
02895		XA551	41			XA451	41			16B	9		XBOPBB	01								B04
02967		XA451	41			XA248	42			16B	9		XBOPBB	02								B04
65043		XA248	42										XBOPBB	03								B04
65578		XA250	58	3		XA451	42	3		16B	9		XBOPBR	01								B04
65045		XA451	42			XA551	42			16B	9		XBOPBR	02								B04
65046		XA551	42										XBOPBR	03								B04
02825		XA350	43			XA251	43			16B	9		XB00AB	01								B04
65047		XA251	43			XA248	06			16B	9		XB00AB	02								B04
65048		XA248	06										XB00AB	03								B04
00845		XA350	44			XA251	44			16B	9		XB00AR	01								B04
65049		XA251	44	3		XA248	02	3		16B	9		XB00AR	02								B04
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	PREFIX	CONNECTOR	PIN	PREFIX	CONNECTOR	PIN	SPEC	MULTI GROUP	CODE	COLOR	IDENT	USE											
65579		XA248	02																				B04
02897		XA551	43		XA451	43			16B	9													B04
02969		XA451	43		XA248	43			16B	9													B04
65051		XA248	43																				B04
65052		XA248	58		XA451	44		1	16B	9													B04
65053		XA451	44		XA551	44		2	16B	9													B04
65054		XA551	44																				C01
02826		XA350	45		XA251	45			16B	9													B04
65055		XA251	45		XA248	07			16B	9													B04
65056		XA248	07																				B04
02827		XA350	46		XA251	46			16B	9													B04
65057		XA251	46		XA247	02		3	16B	9													B04
65580		XA247	02																				D03
02898		XA551	45		XA451	45			16B	9													B04
02970		XA451	45		XA248	48			16B	9													B04
65059		XA248	48																				B04
65060		XA248	58		XA451	46		2	16B	9													B04
65061		XA451	46		XA551	46		1	16B	9													B04
65062		XA551	46																				B04
02828		XA350	47		XA251	47			16B	9													B04
65063		XA251	47		XA248	10			16B	9													B04
65064		XA248	10																				B04
02829		XA350	48		XA251	48			16B	9													B04
65065		XA251	48		XA248	16		3	16B	9													B04
65581		XA248	16																				B04
02900		XA551	47		XA451	47			16B	9													B04
02972		XA451	47		XA248	49			16B	9													B04
65067		XA248	49																				B04
65068		XA248	58		XA451	48		3	16B	9													B04
65069		XA451	48		XA551	48			16B	9													B04
65070		XA551	48																				B04
02830		XA350	49		XA251	49			16B	9													B04
65071		XA251	49		XA248	15			16B	9													B04
65072		XA248	15																				B04
02831		XA350	50		XA251	50			16B	9													B04
65073		XA251	50		XA247	16		3	16B	9													B04
65582		XA247	16																				D03
									****		SIGNAL		XB03BB		IS ON THE		NEXT PAGE		****				

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	PREFIX	CONNECTOR	PIN	SH FTG	PREFIX	CONNECTOR	PIN	SH FTG	MULTI GROUP	CODE	COLOR	IDENT									AND	OR		
02902		XA551	49		XA451	49				16B	9		XB03BB	01				EXT					B 04	
02974		XA451	49		XA248	52				16B	9		XB03BB	02				EXT					B 04	
65075		XA248	52										XB03BB	03				SHT					B 04	
65638		XA250	52		XA451	50				16B	9		XB03BR	01				EXT					C 01	
65077		XA451	50	2	XA551	50	2			16B	9		XB03BR	02				EXT					B 04	
65078		XA551	50										XB03BR	03				EXT					C 01	
02832		XA350	51		XA251	51				16B	9		XB04AB	01				EXT					B 04	
65079		XA251	51		XA248	18				16B	9		XB04AB	02				EXT					B 04	
65080		XA248	18										XB04AB	03				SHT					B 04	
02833		XA350	52		XA251	52				16B	9		XB04AR	01				EXT					B 04	
65081		XA251	52	3	XA245	16	3			16B	9		XB04AR	02				EXT					B 04	
65583		XA245	16										XB04AR	03				DCF					A 02	
02904		XA551	51		XA451	51				16B	9		XB04BB	01				EXT					B 04	
02976		XA451	51		XA248	53				16B	9		XB04BB	02				EXT					B 04	
65083		XA248	53										XB04BB	03				SHT					B 04	
65639		XA250	54		XA451	52				16B	9		XB04BR	01				EXT					C 01	
65085		XA451	52	1	XA551	52	1			16B	9		XB04BR	02				EXT					B 04	
65086		XA551	52										XB04BR	03				EXT					B 04	
02834		XA350	53		XA251	53				16B	9		XB05AB	01				EXT					B 04	
65087		XA251	53		XA248	19				16B	9		XB05AB	02				EXT					B 04	
65088		XA248	19										XB05AB	03				SHT					B 04	
02835		XA350	54		XA251	54				16B	9		XB05AR	01				EXT					B 04	
65089		XA251	54	3	XA248	32	3			16B	9		XB05AR	02				EXT					B 04	
65584		XA248	32										XB05AR	03				SHT					B 04	
02906		XA551	53		XA451	53				16B	9		XB05BB	01				EXT					B 04	
02978		XA451	53		XA248	56				16B	9		XB05BB	02				EXT					B 04	
65091		XA248	56										XB05BB	03				SHT					B 04	
65640		XA250	56	3	XA451	54	3			16B	9		XB05BR	01				EXT					C 01	
65093		XA451	54		XA551	54				16B	9		XB05BR	02				EXT					B 04	
65094		XA551	54										XB05BR	03				EXT					B 04	
02836		XA350	55		XA251	55				16B	9		XB06AB	01				EXT					B 04	
65095		XA251	55		XA248	22				16B	9		XB06AB	02				EXT					B 04	
65096		XA248	22										XB06AB	03				SHT					B 04	
02837		XA350	56		XA251	56				16B	9		XB06AR	01				EXT					B 04	
65097		XA251	56	3	XA247	32	3			16B	9		XB06AR	02				EXT					B 04	
65585		XA247	32										XB06AR	03				SHT					D 03	
02908		XA551	55		XA451	55				16B	9		XB06BB	01				EXT					B 04	
02980		XA451	55		XA248	59				16B	9		XB06BB	02				EXT					B 04	
											****	SIGNAL	(XB06BB)	IS ON THE NEXT PAGE ****										

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	PREFIX	CONNECTOR	PIN	REF	PREFIX	CONNECTOR	PIN	REF	MULTI GROUP	CODE	COLOR	IDEN									SPEC INST	MISC		
65099		XA248	59															SHT					B04	
65586		XA247	58	3	XA451	56	3		16B	9								SHT					D03	
65101		XA451	56		XA551	56			16B	9								EXT					B04	
65102		XA551	56															EXT					B04	
02838		XA350	57		XA251	57			16B	9								EXT					B04	
65103		XA251	57		XA248	23			16B	9								EXT					B04	
65104		XA248	23															SHT					B04	
00846		XA350	58		XA251	58			16B	9								EXT					B04	
65105		XA251	58	2	XA246	32	2		16B	9								EXT					C01	
65587		XA246	32															RR4					A02	
02910		XA551	57	3	XA451	57	3		16B	9								EXT					C01	
02982		XA451	57		XA248	62			16B	9								EXT					B04	
65107		XA248	62															SHT					B04	

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