

ARMY
NAVY
AIR FORCE

TM 11-5895-856-34-15
EE640-CA-MMI-150/E154 CPU
TO 31W2-2T-122-15

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**

DEPARTMENT OF THE ARMY, NAVY, AND AIR FORCE

22 SEPTEMBER 1983



5

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

1

DO NOT TRY TO PULL OR GRAB THE INDIVIDUAL

2

IF POSSIBLE, TURN OFF THE ELECTRICAL POWER

3

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

4

SEND FOR HELP AS SOON AS POSSIBLE

5

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

CHANGE

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

No. 1

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

TM 11-5895-856-34-15iEE640-CA-MMI-150/E154 CPU/TO 31W2-2T-122-15, 22 September 1983, is changed as follows:

- 1. Remove old pages and insert new pages as indicated below.
- 2. New or changed material is indicated by a vertical bar in the margin of the page.
- 3. Added or revised illustrations are indicated by a vertical bar adjacent to the identification number.

<i>Remove pages</i>	<i>Insert pages</i>
a and b.....	a and b
63 and 64.....	63 and 64
113and 114.....	113 and 114
173 and 174.....	173 and 174

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

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

TM 11-5895-856-34-15
EE640-CA-MMI-150/E154 CPU
TO 31W2-2T-122-15

TECHNICAL MANUAL
NO. 11-5895-856-34-15
TECHNICAL MANUAL
EE640-CA-MMI-150/E154 CPU
TECHNICAL ORDER
TO 31W2-2T-122-15

DEPARTMENTS OF THE ARMY
THE NAVY, AND
THE AIR FORCE

Washington, DC, 22 September 1983

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

**AUTOMATIC DATA PROCESSING
ASSEMBLIES**

REPORTING ERRORS AND RECOMMENDING IMPROVEMENTS

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

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

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

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

TABLE OF CONTENTS

VOLUME 15 TM 11-5895-856-34-15

Card Cage Assembly "B", Interface Control Unit- R.H., Wire List, String (149017-800)

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 "B" of the interface control unit, drawing number 149017-800. 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 1 through 24 of TM 11-5895-856-34 have been numbered in a special manner. Pages within these volumes are found by keying to two page identifiers: the drawing number and the page number. To find the page that you desire within the volume, follow the steps listed below:

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

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

WARNING

HIGH VOLTAGE

is used in the operation of this equipment

DEATH ON CONTACT

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

WARNING

USE OF CLEANING SOLVENT

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

INSERT LATEST CHANGED PAGES. DESTROY SUPERSEDED PAGES.

LIST OF EFFECTIVE PAGES

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

Dates of issue for original and changed pages are:

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

TOTAL NUMBER OF PAGES IN THIS PUBLICATION IS 356 CONSISTING OF THE FOLLOWING:

Page	Change No.
Cover	0
Safety Steps.....	0
a.....	0
b.....	1
i-ii.....	0
 (149017-800)	
1-63.....	0
64.....	1
65-112.....	0
113.....	1
114-172.....	0
173.....	1
174-341	0
Error Report Forms	0

*Zero in this column indicates and original page.

**CARD CAGE ASSEMBLY "B", INTERFACE CONTROL UNIT
-- RIGHT HAND
STRING WIRE LIST
149017-800**

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 B. IFCU.

H78 STRING AND CONNECTOR LIST, DEFINITION OF FIELDS

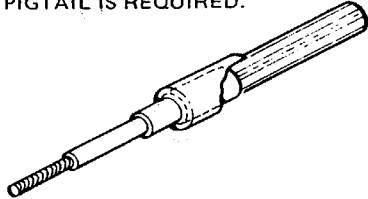
1. **Record Number** - A unique Data Processing number which associates all information pertaining to a wire "FROM" Connector, "TO" Connector, Wire Code, etc. This number is the wire ID when that field is blank.
2. **Prefix** - An assembly alphanumeric to be used when a wire terminates in two assemblies.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

H78 STRING AND CONNECTOR LIST, DEFINITION OF FIELDS- Continued

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

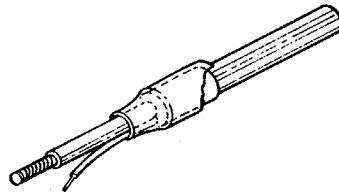
SHIELD FIGURE A

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



SHIELD FIGURE B

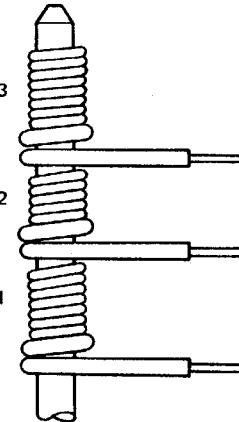
SHIELD TERMINATION FOR SHIELDED,
SINGLE AND MULTIPLE CONDUCTORS,
FRONT PIGTAIL IS REQUIRED.



SHIELD FIGURE NO. 3

SHIELD FIGURE NO. 2

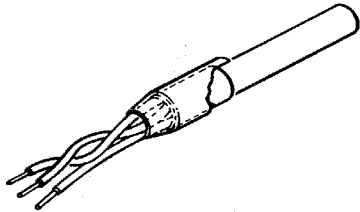
SHIELD FIGURE NO. 1



SHIELD FIGURE NUMBER
INDICATES LEVEL OF WIRE WRAP

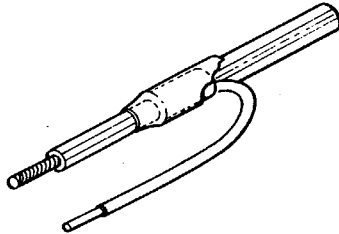
SHIELD FIGURE G

SHIELDED CABLE TERMINATION WITH DRAIN WIRE



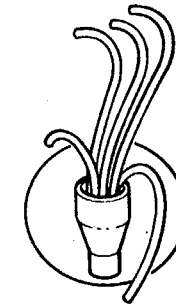
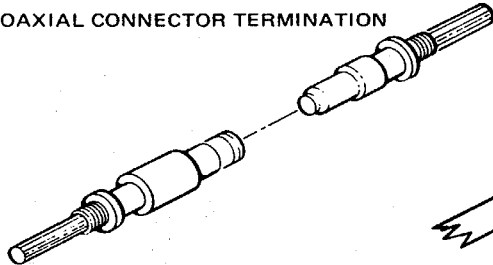
SHIELD FIGURE C

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



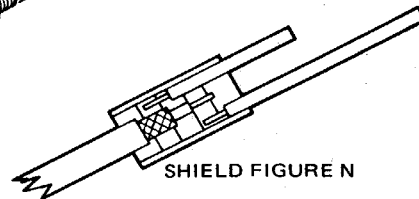
SHIELD FIGURE Z

COAXIAL CONNECTOR TERMINATION



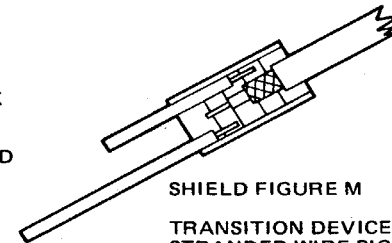
SHIELD FIGURE X

SHIELDED WIRE
PIGTAILS—HYBRID



SHIELD FIGURE N

TRANSITION DEVICE WITH
SOLID WIRE PIGTAILS



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
			*/= MIL-C-17/118		0 = Int Lead

PARTS LIST		CONTRACT NUMBER		CODE IDENT 13973	PL 149017-800	REVISION E			
TITLE CARD CAGE ASSEMBLY B, INTERFACE CONTROL UNIT-RH - WIRE LIST						SHEET 6			
ITEM NO.	FEET OF WIRE REQD	CODE IDENT	PART OR IDENTIFYING NUMBER	DRAWING OR DOCUMENT NUMBER	NOMENCLATURE OR DESCRIPTION	REF SYM	TIMES USED	WIRE CODE	LINE REV
1.	30		898042-0003		WIRE, ELEC, 250V, PVF INSUL 26 GAGE (BLACK)		6	1BD	
2.	80		898042-0004		WIRE, ELEC, 250V, PVF INSUL 26 GAGE (RED)		18	1BD	
3.	5		898042-0002		WIRE, ELEC, 250V, PVF INSUL 26 GAGE (WHITE)		1	1BD	
4.	40		898042-0034		CABLE, ELEC, TWISTED TWO CONDCT, 250V, PVF INSUL 26 GAGE (BLACK, RED)		12	1ED	
5.	9033		898041-0002		WIRE, ELEC, 250V, PVF INSUL 30 GAGE (WHITE)		9333	16B	
6.	2		898041-0023		CABLE, ELEC, TWISTED TWO CONDCT, 250V, PVF INSUL 30 GAGE (BLACK, WHITE)		1	1EB	
(PARTS LIST FOR REFERENCE ONLY)									

H78-14 684
DRAWING NUMBER
UNIT ASSEMBLY NAME

149017-800
CARD CAGE ASSY B,IFCU

STRING

UNIT ASSEMBLY NO.
FILE IDENT

149017
T39C1FC7

REV E
DATE 09-03-82

INDEX +05AUXG
PAGE 7

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	PREFIX	CONNECTOR	PIN	DR	MULTI GROUP	CODE	COLOR	IDENT									AND	OR		
58556		XA548	67		XA146	32			AD	1ED	0		+05AUXG	01										
12223		XA146	32		XA325	02			AE	1ED	0		+05AUXG	06									C06	
58595		XA325	02														MTS						C06	
58557		XA146	44		XA251	64			ZA	1ED	0		+05AUXG	07			RR4						C06	
58413		XA251	64		XA251	66				16B	9		+05AUXG	08			MTS						B06	
58414		XA251	66		XA551	66			ZC	1ED	0		+05AUXG	09			EXT							
58415		XA551	66		XA551	64				16B	9		+05AUXG	10			EXT							
58416		XA551	64		XA350	66				16B	9		+05AUXG	11			EXT						B06	
58558		XA350	66										+05AUXG	12			EXT						B06	
10427		XA146	63		XA549	66			ZE	1ED	0		+05AUXG	122			EXT						B04	
58417		XA549	66		XA549	64				16B	9		+05AUXG	13			MTS						B04	
58418		XA549	64		XA550	64				16B	9		+05AUXG	14			EXT						B06	
58419		XA550	64		XA550	66			ZG	1ED	0		+05AUXG	15			EXT						B06	
58420		XA550	66							16B	9		+05AUXG	16			EXT						B06	
													+05AUXG	17			EXT						B06	
10405		XA146	39		XA325	04				1BD	2		+05RES	005			MTS							
12225		XA325	04										+05RES	010										
10396		XA146	29		XA325	04			AE	1ED	2		+05RES	015			RR4	AP					A01	
00003		XA325	04	1	XA325	03				16B	9		+05RES	020			RR4	AP						
00004		XA325	03		XA325	13		1		16B	9		+05RES	025			RR4	AP						
00005		XA325	13		XA325	14				16B	9		+05RES	030			RR4	BP						
00006		XA325	14		XA325	22				16B	9		+05RES	035			RR4	BP						
00007		XA325	22		XA325	21				16B	9		+05RES	040			RR4	CP						
00008		XA325	21		XA325	33				16B	9		+05RES	045			RR4	CP						
00009		XA325	33		XA325	34				16B	9		+05RES	050			RR4	DP						
00010		XA325	34		XA325	50				16B	9		+05RES	055			RR4	DP						
00011		XA325	50		XA325	49				16B	9		+05RES	060			RR4	EP						
00012		XA325	49		XA325	59				16B	9		+05RES	065			RR4	EP						
00013		XA325	59		XA325	60				16B	9		+05RES	070			RR4	FP						
00014		XA325	60		XA325	70				16B	9		+05RES	075			RR4	EP						
00015		XA325	70		XA325	69				16B	9		+05RES	080			RR4	GP						
00016		XA325	69		XA326	03				16B	9		+05RES	085			RR4	GP						
11242		XA326	03		XA326	04				16B	9		+05RES	09A			RR4	GP					B06	
11243		XA326	04		XA326	13				16B	9		+05RES	09C			RR1	AP						
11251		XA326	13		XA326	14				16B	9		+05RES	09E			RR1	AP						
11252		XA326	14		XA326	33				16B	9		+05RES	09G			RR1	BP						
11268		XA326	33		XA326	34				16B	9		+05RES	09H			RR1	BP						
11269		XA326	34		XA326	49				16B	9		+05RES	09J			RR1	OP						
11283		XA326	49		XA326	50				16B	9		+05RES	09I			RR1	DP						
11284		XA326	50		XA326	59				16B	9		+05RES	09P			RR1	EP						
11292		XA326	59		XA326	60				16B	9		+05RES	09R			RR1	EP						
11293		XA326	60		XA326	69				16B	9		+05RES	09T			RR1	FP						
11301		XA326	69		XA326	70				16B	9		+05RES	09V			RR1	FP						
11302		XA326	70		XA326	79				16B	9		+05RES	09X			RR1	GP						
11311		XA326	79		XA326	80				16B	9		+05RES	09Z			RR1	GP						
11312		XA326	80		XA242	80				16B	9		+05RES	09Y			RR1	HP						
00035		XA242	80		XA242	79				16B	9		+05RES	097			RR1	HP					B06	
00036		XA242	79		XA242	69				16B	9		+05RES	170			RR4	HP						
													+05RES	175			RR4	HP						

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

H78-14 688
DRAWING NUMBER
UNIT ASSEMBLY NAME

149017-800
CARD CAGE ASSY B,IFCU

STRING

UNIT ASSEMBLY NO.
FILE IDENT

149017
T39C1FC7

REV
DATE

E
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	MULTI GROUP	CODE	COLOR	IDENT											
00037		XA242	69		XA242	70				16B	9		+05RES	180				RR4	GP				
00038		XA242	70		XA242	60				16B	9		+05RES	185				RR4	GP				
00039		XA242	60		XA242	59				16B	9		+05RES	190				RR4	FP				
00040		XA242	59		XA242	49				16B	9		+05RES	195				RR4	FP				
00041		XA242	49		XA242	50				16B	9		+05RES	200				RR4	EP				
00042		XA242	50		XA242	34				16B	9		+05RES	205				RR4	EP				
00043		XA242	34		XA242	33				16B	9		+05RES	210				RR4	DP				
00044		XA242	33		XA242	21				16B	9		+05RES	215				RR4	DP				
00045		XA242	21		XA242	22				16B	9		+05RES	220				RR4	CP				
00046		XA242	22		XA442	04				16B	9		+05RES	225				RR4	CP				
58559		XA442	04									K	+05RES	230				RR4	AP				B04
58560		XA547	80		XA146	27		AD	1ED	2			+05RES	245				RR4	HP				C02
10395		XA146	27									K	+05RES	250				MTS					
10409		XA146	43		XA242	22				18D	2		+05RES	255				MTS					
58591		XA242	22									K	+05RES	260				RR4	CP				B04
53177		XA551	65		XA550	65				16B	9		+05RES	265				EXT					E01
53105		XA550	65									K	+05RES	270				EXT					B06
50015		XA547	80		XA547	79				16B	9		+05RES	365				RR4	HP				
50016		XA547	79		XA544	79				16B	9		+05RES	370				RR4	HP				
50017		XA544	79		XA544	80				16B	9		+05RES	375				RR4	HP				
50018		XA544	80		XA544	70				16B	9		+05RES	380				RR4	HP				
50019		XA544	70		XA544	69				16B	9		+05RES	385				RR4	GP				
50020		XA544	69		XA544	59				16B	9		+05RES	390				RR4	GP				
50021		XA544	59		XA544	60				16B	9		+05RES	395				RR4	FP				
50022		XA544	60		XA544	50				16B	9		+05RES	400				RR4	FP				
50023		XA544	50		XA544	49				16B	9		+05RES	405				RR4	EP				
50024		XA544	49		XA544	33				16B	9		+05RES	410				RR4	EP				
50025		XA544	33		XA544	34				16B	9		+05RES	415				RR4	DP				
50026		XA544	34		XA544	22				16B	9		+05RES	420				RR4	DP				
50027		XA544	22		XA544	21				16B	9		+05RES	425				RR4	CP				
50028		XA544	21		XA544	13				16B	9		+05RES	430				RR4	CP				
50029		XA544	13		XA544	14				16B	9		+05RES	435				RR4	BP				
50030		XA544	14		XA544	04				16B	9		+05RES	440				RR4	BP				
50031		XA544	04		XA544	03				16B	9		+05RES	445				RR4	AP				
50032		XA544	03		XA442	80				16B	9		+05RES	450				RR4	AP				
50033		XA442	80		XA442	79				16B	9		+05RES	455				RR4	HP				
50034		XA442	79		XA442	69				16B	9		+05RES	460				RR4	HP				
50035		XA442	69		XA442	70				16B	9		+05RES	465				RR4	GP				
50036		XA442	70		XA442	60				16B	9		+05RES	470				RR4	GP				
50037		XA442	60		XA442	59				16B	9		+05RES	475				RR4	FP				
50038		XA442	59		XA442	49				16B	9		+05RES	480				RR4	FP				
50039		XA442	49		XA442	50				16B	9		+05RES	485				RR4	EP				
50040		XA442	50		XA442	34				16B	9		+05RES	490				RR4	EP				
50041		XA442	34		XA442	33				16B	9		+05RES	495				RR4	DP				
50042		XA442	33		XA442	21				16B	9		+05RES	500				RR4	DP				
50043		XA442	21		XA442	22				16B	9		+05RES	505				RR4	CP				
50044		XA442	22		XA442	14				16B	9		+05RES	510				RR4	CP				
50045		XA442	14		XA442	13				16B	9		+05RES	515				RR4	BP				
50046		XA442	13		XA442	03				16B	9		+05RES	520				RR4	BP				
50047		XA442	03		XA442	04				16B	9		+05RES	525				RR4	AP				
										****		SIGNAL	+05RES										IS ON THE NEXT PAGE ****

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	PREFIX	CONNECTOR	PIN	SR PG	PREFIX	CONNECTOR	PIN	SR PG	MULTI GROUP	CODE	COLOR	IDENT											
50048		XA442	04										K	+05RES	530			RR4	AP				
10402		XA146	36		XA251	63			ZA	1ED	2			+05RES	550			MTS					B04
58421		XA251	63		XA251	65				16B	9			+05RES	555			EXT					
58422		XA251	65		XA551	65			ZC	1ED	2			+05RES	560			EXT					
53175		XA551	65		XA551	63				16B	9			+05RES	565			EXT					B06
58423		XA551	63		XA350	63				16B	9			+05RES	570			EXT					B06
00341		XA350	63		XA350	65				16B	9			+05RES	571			EXT					B04
00342		XA350	65										K	+05RES	572			EXT					B04
10425		XA146	61		XA549	65			ZE	1ED	2			+05RES	579			MTS					B04
53033		XA549	65		XA549	63				16B	9			+05RES	580			EXT					B06
53031		XA549	63		XA550	63			ZG	1ED	2			+05RES	585			EXT					B06
53103		XA550	63	1	XA550	65		1		16B	9			+05RES	590			EXT					B06
58424		XA550	65											+05RES	595			EXT					B06
11103		XA249	61		XA249	59				16B	9			+05RESS	00C			EXT					C04
11101		XA249	59		XA249	57				16B	9			+05RESS	00H			EXT					C04
11099		XA249	57		XA146	07			CA	1ED	2			+05RESS	00L			EXT					C04
10377		XA146	07		XA547	70			BD	1ED	2			+05RESS	01			MTS					C04
50014		XA547	70		XA547	69				16B	9			+05RESS	02			RR4	GP				B04
50013		XA547	69		XA547	59				16B	9			+05RESS	03			RR4	GP				B04
50012		XA547	59		XA547	60				16B	9			+05RESS	04			RR4	FP				B04
50011		XA547	60		XA547	50				16B	9			+05RESS	05			RR4	FP				B04
50010		XA547	50		XA547	49				16B	9			+05RESS	06			RR4	EP				B04
50009		XA547	49		XA547	33				16B	9			+05RESS	07			RR4	EP				B04
50008		XA547	33		XA547	34				16B	9			+05RESS	08			RR4	DP				B04
50007		XA547	34		XA547	22				16B	9			+05RESS	09			RR4	DP				B04
50006		XA547	22		XA547	21				16B	9			+05RESS	10			RR4	CP				B04
50005		XA547	21		XA547	13				16B	9			+05RESS	11			RR4	CP				B04
50004		XA547	13		XA547	14				16B	9			+05RESS	12			RR4	BP				B04
50003		XA547	14		XA547	04				16B	9			+05RESS	13			RR4	BP				B04
50002		XA547	04		XA547	03				16B	9			+05RESS	14			RR4	AP				B04
50001		XA547	03		XA344	13				16B	9			+05RESS	15			RR4	AP				B04
00031		XA344	13		XA344	14				16B	9			+05RESS	16			RR4	BP				B04
00032		XA344	14		XA344	04				16B	9			+05RESS	17			RR4	BP				B04
00033		XA344	04		XA344	03				16B	9			+05RESS	18			RR4	AP				B04
00034		XA344	03		XA242	14				16B	9			+05RESS	19			RR4	AP				B04
00047		XA242	14		XA242	13				16B	9			+05RESS	20			RR4	BP				B04
00048		XA242	13		XA242	03				16B	9			+05RESS	21			RR4	BP				B04
00049		XA242	03	1	XA242	04		1		16B	9			+05RESS	22			RR4	AP				B04
00050		XA242	04		XA142	80				16B	9			+05RESS	23			RR4	AP				D02
10155		XA142	80		XA142	79				16B	9			+05RESS	24			RR4	HP				D02
10154		XA142	79		XA142	70				16B	9			+05RESS	25			RR4	HP				D02
10145		XA142	70		XA142	69				16B	9			+05RESS	26			RR4	GP				D02
10144		XA142	69		XA142	60				16B	9			+05RESS	27			RR4	GP				D02
10136		XA142	60		XA142	59				16B	9			+05RESS	28			RR4	FP				D02
10135		XA142	59		XA142	50				16B	9			+05RESS	29			RR4	FP				D02
10127		XA142	50		XA142	49				16B	9			+05RESS	30			RR4	EP				D02
10126		XA142	49		XA146	07				16B	9			+05RESS	31			RR4	EP				D02
58561		XA146	07											+05RESS	32			MTS					D02
										***	SIGNAL			+05RESSR				IS ON THE	NEXT PAGE	***			

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	PREFIX	CONNECTOR	PIN	DR PC	PREFIX	CONNECTOR	PIN	DR PC	MULTI GROUP	CODE	COLOR	IDENT										
58562		XA146	03		XA547	67			BD	1ED	0		+05RESSR	01			MTS				C04	
58563		XA547	67										+05RESSR	02			RR4				B04	
12227		J01	L6		XA249	67			AA	1ED	2		+5AUX	01			EX9				B04	
11109		XA249	67		XA249	69				1BD	2		+5AUX	03			EXT					
11111		XA249	69		XA241	06				1BD	2		+5AUX	04			EXT				B04	
00001		XA241	06		XA241	74				1BD	2		+5AUX	05			ACF				B04	
00002		XA241	74										+5AUX	06			ACF				B04	
12228		J01	L5		XA249	68			AA	1ED	0		+5AUXG	01			EX9				B04	
11110		XA249	68		XA249	70				1BD	0		+5AUXG	03			EXT					
11112		XA249	70		XA241	67				1BD	0		+5AUXG	04			EXT				C02	
12222		XA241	67										+5AUXG	05			ACF				B04	
10410		XA146	45		XA503	28				1BD	2		+5VLOG1	01			MTS					
58426		XA503	28										+5VLOG1	02			TS8					
10411		XA146	46		XA140	28				1BD	2		+5VLOG2	01			MTS					
00130		XA140	28										+5VLOG2	02								
12238		J01	B1		J01	D1				1BD	2		+5VL01	01			EX9					
12239		J01	D1										+5VL01	02			EX9					
12240		J01	B3		J01	F3				1BD	2		+5VL02	01			EX9					
12241		J01	F3										+5VL02	02			EX9					
12242		J01	C2		J01	F1				1BD	2		+5VL04	01			EX9					
12243		J01	F1										+5VL04	02			EX9					
12244		J01	C4		J01	E4				1BD	2		+5VL05	01			EX9					
12245		J01	E4										+5VL05	02			EX9					
12246		J01	C6		J01	E6				1BD	2		+5VL06	01			EX9					
12247		J01	E6										+5VL06	02			EX9					
12248		J01	O3		J01	N2				1BD	2		+5VL08	01			EX9					
12249		J01	N2										+5VL08	02			EX9					
12250		J01	D5		J01	F5				1BD	2		+5VL09	01			EX9					
12251		J01	F5										+5VL09	02			EX9					
10390		XA146	22		XA146	12				1BD	2		+5VRES	01			MTS					
12252		XA146	12		XA146	23				1BD	2		+5VRES	02			MTS					
10391		XA146	23									K	+5VRES	03			MTS				A01	
10426		XA146	62		XA146	28				1BD	2		+5VRES	04			MTS				B04	
12418		XA146	28		XA146	37				1BD	2		+5VRES	05			MTS				B04	
10403		XA146	37										+5VRES	06			MTS				B04	
58564		XA145	12		XA146	08				16B	9		+5VRESS	01							B04	
10378		XA146	08										+5VRESS	02			MTS				B04	

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	PREFIX	CONNECTOR	PIN	TYPE	PREFIX	CONNECTOR	PIN	DR PG	MULTI GROUP	CODE	COLOR	IDENT											
11066		XA249	19		XA249	17				168	9		+5V1B1	01				EXT					B04
11064		XA249	17		XA249	15				168	9		+5V1B1	02				EXT					B04
11062		XA249	15		XA348	64			BA	1ED	2		+5V1B1	03				EXT					B04
11356		XA348	64										+5V1B1	04				SHT					B06
11063		XA249	16		XA347	67			BA	1ED	0		+5V1B1R	01				EXT					B04
58565		XA347	67										+5V1B1R	02				DCF					B04
11358		XA348	66		XA247	70			BB	1ED	2		+5V1B2	01				SHT					B06
10971		XA247	70		XA247	69				168	9		+5V1B2	02				RR4	GP				B06
10970		XA247	69		XA247	59				168	9		+5V1B2	03				RR4	GP				B04
10961		XA247	59		XA247	60				168	9		+5V1B2	04				RR4	FP				B04
10962		XA247	60		XA247	50				168	9		+5V1B2	05				RR4	FP				B04
10953		XA247	50		XA247	49				168	9		+5V1B2	06				RR4	EP				B06
10952		XA247	49		XA247	33				168	9		+5V1B2	07				RR4	EP				B04
10937		XA247	33		XA247	34				168	9		+5V1B2	08				RR4	DP				B06
10938		XA247	34		XA247	22				168	9		+5V1B2	09				RR4	DP				B04
10928		XA247	22		XA247	21				168	9		+5V1B2	10				RR4	CP				B04
10927		XA247	21		XA247	13				168	9		+5V1B2	11				RR4	CP				B04
10920		XA247	13		XA247	14				168	9		+5V1B2	12				RR4	BP				B04
10921		XA247	14		XA247	04				168	9		+5V1B2	13				RR4	BP				B04
10912		XA247	04		XA247	03				168	9		+5V1B2	14				RR4	AP				B06
10911		XA247	03										+5V1B2	15				RR4	AP				B04
58566		XA347	67		XA247	67			BB	1ED	0		+5V1B2R	01				DCF					B04
58567		XA247	67										+5V1B2R	02				RR4					B06
11072		XA249	25		XA249	23				168	9		+5V2B1	01				EXT					B04
11070		XA249	23		XA249	21				168	9		+5V2B1	02				EXT					B04
11068		XA249	21		XA348	69			BC	1ED	2		+5V2B1	03				EXT					B06
11361		XA348	69										+5V2B1	04				SHT					B06
11069		XA249	22		XA348	58			BC	1ED	0		+5V2B1R	01				EXT					B04
58568		XA348	58										+5V2B1R	02				SHT					B06
11363		XA348	71		XA344	80				168	9		+5V2B2	080				SHT					B06
00020		XA344	80		XA344	79				168	9		+5V2B2	085				RR4	HP				B04
00019		XA344	79		XA344	70				168	9		+5V2B2	090				RR4	HP				B04
00021		XA344	70		XA344	69				168	9		+5V2B2	100				RR4	GP				B04
00022		XA344	69		XA344	59				168	9		+5V2B2	105				RR4	GP				B06
00023		XA344	59		XA344	60				168	9		+5V2B2	110				RR4	FP				B04
00024		XA344	60		XA344	50				168	9		+5V2B2	115				RR4	EP				B04
00025		XA344	50		XA344	49				168	9		+5V2B2	120				RR4	EP				B04
00026		XA344	49		XA344	33				168	9		+5V2B2	125				RR4	EP				B04
00027		XA344	33		XA344	34				168	9		+5V2B2	130				RR4	DP				B04
00028		XA344	34		XA344	22				168	9		+5V2B2	135				RR4	DP				B06
00029		XA344	22		XA344	21				168	9		+5V2B2	140				RR4	CP				B04
00030		XA344	21		XA247	79				168	9		+5V2B2	145				RR4	CP				B06
									****	SIGNAL			+5V2B2					IS ON THE	NEXT PAGE	****			

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	PREFIX	CONNECTOR	PIN	TYPE	PREFIX	CONNECTOR	PIN	TYPE	BR PD	MULTI-GROUP	CODE	COLOR												IDENT
07474		XA312	36											DBFULP	04	DBFC6A	01 4	TD4	C2		17A		B07	
00417		XA105	01		XA105	46					168	9		DBFULQ	01	DSR12A	01 1	TT3	A2		02B			
00419		XA105	46		XA108	40					168	9		DBFULQ	02	DOVE2A	01 2	TT3	D2		21A			
03084		XA108	40		XA109	48					168	9		DBFULQ	025	DMCK4A	01 3	TD4	C1		19A			
07040		XA109	48		XA210	37					168	9		DBFULQ	03	DMRE2A	01 3	TS8	D1		22A			
00420		XA210	37		XA211	17					168	9		DBFULQ	04	DBFULQ	00 1	TDD	EQ		18B	BUFFER FULL -CONT		
02481		XA211	17		XA214	41					168	9		DBFULQ	05	DSR11A	01 1	TQ2	B3		08B		B07	
10839		XA214	41		XA219	17					168	9		DBFULQ	055	DRCL7A	01 1	TT3	D2		22B		B05	
03170		XA219	17		XA328	14					168	9		DBFULQ	06	DRR52A	01 2	TT3	B2		08B			
00424		XA328	14											DBFULQ	08	DBFC5A	01 1	TD4	B2		09A	. CORRECT TIME		
02885		XA106	73		XA106	74					168	9		DBFULQ	01	DBCK1A	01 2	TQ2	F2		36B			
02893		XA106	74		XA106	78					168	9		DBFULQ	02	DBCK2A	01 2	TQ2	F3		35B			
02894		XA106	78		XA106	79					168	9		DBFULQ	03	DBCK3A	01 2	TQ2	F4		38A			
02884		XA106	79		XA111	79					168	9		DBFULQ	04	DBCK0A	01 2	TQ2	F1		39B			
03788		XA111	79		XA211	75					168	9		DBFULQ	05	DBCK4A	01 2	TQ2	F1		39B			
00425		XA211	75		XA210	40					168	9		DBFULQ	06	DBFULQ	00 1	TQ2	F1		37B	SET BUFFER FULL C		
00426		XA210	40											DBFULQ	07	DBFULI	01 1	TDD	E1		19A			
04956		XA210	38		XA215	42					168	9		DBFU1A	01	DBFULP	01 1	TDD	EP		18A			
11603		XA215	42											DBFU1A	02	DBFU1A	00 1	THI	C6		18B			
07145		XA215	39		XA223	52					168	9		DBFU10	01	DBFU1A	01 1	THI	C6		19B			
02944		XA223	52											DBFU10	02	DBFU10	00 1	TQ2	D1		24A	A POLARITY BIT AN		
00427		XA237	73		XA234	08					168	9		DBIS0TA	01	DBIS0TA	00 1	MUX	E1		34B	INPUT BUFF REG BI		
00428		XA234	08											DBIS0TA	02	DB000I	01 1	TDD	AI		06A	OR DATA REG		
00429		XA234	05		XA237	79					168	9		DBIS0TB	01	DB010I	01 1	TDD	BI		03B	DATA REG		
00430		XA237	79											DBIS0TB	02	DBIS0TB	00 1	MUX	E2		37B	INPUT BUFF REG BI		
00431		XA237	74		XA234	24					168	9		DBIS0TC	01	DBIS0TC	00 1	MUX	E3		36A	INPUT BUFF REG BI		
00432		XA234	24											DBIS0TC	02	DB020I	01 1	TDD	CI		13A	DATA REG		
00433		XA234	18		XA237	80					168	9		DBIS0TD	01	DB030I	01 1	TDD	DI		10A	OR DATA REG		
00434		XA237	80											DBIS0TD	02	DBIS0TD	00 1	MUX	E4		38B	INPUT BUFF REG BI		
00435		XA236	55		XA234	40					168	9		DBIS1TA	01	DBIS1TA	00 1	MUX	D1		27B	INPUT BUFF REG BI		
00436		XA234	40											DBIS1TA	02	DB040I	01 1	TDD	E1		19A	DATA REG		
00437		XA234	34		XA236	61					168	9		DBIS1TB	01	DB050I	01 1	TDD	F1		14A	DATA REG		
00438		XA236	61											DBIS1TB	02	DBIS1TB	00 1	MUX	D2		31B	INPUT BUFF REG BI		
00439		XA236	60		XA234	54					168	9		DBIS1TC	01	DBIS1TC	00 1	MUX	D3		28A	INPUT BUFF REG BI		
00440		XA234	54											DBIS1TC	02	DB060I	01 1	TDD	GI		25A	OR DATA REG		
00441		XA234	48		XA236	63					168	9		DBIS1TD	01	DB070I	01 1	TDD	H1		22A	DATA REG		
00442		XA236	63											DBIS1TD	02	DBIS1TD	00 1	MUX	D4		31A	INPUT BUFF REG BI		
														****	SIGNAL	DBIS2TA								IS ON THE NEXT PAGE ****

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	PREFIX	CONNECTOR	PIN	SR FC	PREFIX	CONNECTOR	PIN	SR FC	MULTI GROUP	CODE	COLOR	IDENT											
00443		XA236	73		XA234	68				16B	9		DBIS2TA	01	DBIS2TA	00	1	MUX	E1		34B	INPUT BUFF REG B1	
00444		XA234	68										DBIS2TA	02	DB080I	01	1	TDD	JT		32A	DATA REG	
00445		XA234	62		XA236	79				16B	9		DBIS2TB	01	DB090I	01	1	TDD	KI		29A	OR DATA REG	
00446		XA236	79										DBIS2TB	02	DBIS2TB	00	1	MUX	E2		37B	INPUT BUFF REG B1	
00447		XA236	74		XA234	77				16B	9		DBIS2TC	01	DBIS2TC	00	1	MUX	E3		36A	INPUT BUFF REG B1	
00448		XA234	77										DBIS2TC	02	DB100I	01	1	TDD	LI		38B	DATA REG	
00449		XA234	71		XA236	80				16B	9		DBIS2TD	01	DB110I	01	1	TDD	MI		36A	DATA REG	
00450		XA236	80										DBIS2TD	02	DBIS2TD	00	1	MUX	E4		38B	INPUT BUFF REG B1	
00451		XA233	08		XA235	55				16B	9		DBIS3TA	01	DB120I	01	1	TDD	AI		06A	OR DATA REG	
00452		XA235	55										DBIS3TA	02	DBIS3TA	00	1	MUX	DI		27B	INPUT BUFF REG B1	
00453		XA235	61		XA233	05				16B	9		DBIS3TB	01	DBIS3TB	00	1	MUX	D2		31B	INPUT BUFF REG B1	
00454		XA233	05										DBIS3TB	02	DB130I	01	1	TDD	BI		03B	DATA REG	
00455		XA233	24		XA235	60				16B	9		DBIS3TC	01	DB140I	01	1	TDD	CI		13A	DATA REG	
00456		XA235	60										DBIS3TC	02	DBIS3TC	00	1	MUX	D3		28A	INPUT BUFF REG B1	
00457		XA235	63		XA233	18				16B	9		DBIS3TD	01	DBIS3TD	00	1	MUX	D4		31A	INPUT BUFF REG B1	
00458		XA233	18										DBIS3TD	02	DB150I	01	1	TDD	DI		10A	OR DATA REG	
00459		XA233	40		XA235	73				16B	9		DBIS4TA	01	DB160I	01	1	TDD	EI		19A	DATA REG	
00460		XA235	73										DBIS4TA	02	DBIS4TA	00	1	MUX	F1		34B	INPUT BUFF REG B1	
00461		XA235	79		XA233	34				16B	9		DBIS4TB	01	DBIS4TB	00	1	MUX	E2		37B	INPUT BUFF REG B1	
00462		XA233	34										DBIS4TB	02	DB170I	01	1	TDD	FI		16A	DATA REG	
00463		XA233	54		XA235	74				16B	9		DBIS4TC	01	DB180I	01	1	TDD	GI		25A	OR DATA REG	
00464		XA235	74										DBIS4TC	02	DBIS4TC	00	1	MUX	E3		36A	INPUT BUFF REG B1	
00465		XA235	80		XA233	48				16B	9		DBIS4TD	01	DBIS4TD	00	1	MUX	F4		38B	INPUT BUFF REG B1	
00466		XA233	48										DBIS4TD	02	DB190I	01	1	TDD	HI		22A	DATA REG	
00467		XA319	55		XA233	68				16B	9		DBIS5TA	01	DBIS5TA	00	1	MUX	D1		27B	INPUT BUFF REG B1	
00468		XA233	68										DBIS5TA	02	DB200I	01	1	TDD	JT		32A	DATA REG	
00469		XA233	62		XA319	61				16B	9		DBIS5TB	01	DB210I	01	1	TDD	KI		29A	OR DATA REG	
00470		XA319	61										DBIS5TB	02	DBIS5TB	00	1	MUX	D2		31B	INPUT BUFF REG B1	
00471		XA233	77		XA319	60				16B	9		DBIS5TC	01	DB220I	01	1	TDD	LI		38B	DATA REG	
00472		XA319	60										DBIS5TC	02	DBIS5TC	00	1	MUX	D3		28A	INPUT BUFF REG B1	
00473		XA319	63		XA233	71				16B	9		DBIS5TD	01	DBIS5TD	00	1	MUX	D4		31A	INPUT BUFF REG B1	
00474		XA233	71										DBIS5TD	02	DB230I	01	1	TDD	MI		36A	DATA REG	
00475		XA232	05		XA320	55				16B	9		DBIS6TA	01	DB240I	01	1	TDD	BI		03B	OR DATA REG	
00476		XA320	55										DBIS6TA	02	DBIS6TA	00	1	MUX	D1		27B	INPUT BUFF REG B1	

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	PREFIX	CONNECTOR	PIN	WIRE NO	PREFIX	CONNECTOR	PIN	WIRE NO	MULTI GROUP	CODE	COLOR	IDENT									AND	OR		
00477		XA320	61		XA232	24				16B	9		DBIS6TB	01	DBIS6TB	00	1	MUX	D2		31B	INPUT BUFF REG B		
00478		XA232	24										DBIS6TB	02	DB250I	01	1	TDD	CI		13A	DATA REG		
00479		XA232	18		XA320	60				16B	9		DBIS6TC	01	DB260I	01	1	TDD	DI		10A	DATA REG		
00480		XA320	60										DBIS6TC	02	DBIS6TC	00	1	MUX	D3		28A	INPUT BUFF REG B		
00481		XA320	63		XA232	40				16B	9		DBIS6TD	01	DBIS6TD	00	1	MUX	D4		31A	INPUT BUFF REG B		
00482		XA232	40										DBIS6TD	02	DB270I	01	1	TDD	EI		19A	OR DATA REG		
00483		XA232	34		XA320	73				16B	9		DBIS7TA	01	DB280I	01	1	TDD	FI		16A	DATA REG		
00484		XA320	73										DBIS7TA	02	DBIS7TA	00	1	MUX	E1		34B	INPUT BUFF REG B		
00485		XA320	79		XA232	54				16B	9		DBIS7TB	01	DBIS7TB	00	1	MUX	E2		37B	INPUT BUFF REG B		
00486		XA232	54										DBIS7TB	02	DB290I	01	1	TDD	GI		25A	DATA REG		
00487		XA232	48		XA320	74				16B	9		DBIS7TC	01	DB300I	01	1	TDD	HI		22A	OR DATA REG		
00488		XA320	74										DBIS7TC	02	DBIS7TC	00	1	MUX	E3		36A	INPUT BUFF REG B		
00489		XA320	80		XA232	68				16B	9		DBIS7TD	01	DBIS7TD	00	1	MUX	E4		38B	INPUT BUFF REG B		
00490		XA232	68										DBIS7TD	02	DB310I	01	1	TDD	JI		32A	DATA REG		
00491		XA231	31		XA231	37				16B	9		DBLC00	01	DB00IA	01	2	TQ2	C3		15B			
00492		XA231	37		XA231	43				16B	9		DBLC00	02	DB01IA	01	2	TQ2	C4		18B			
00493		XA231	43		XA231	49				16B	9		DBLC00	03	DB04IA	01	2	TQ2	D3		23B			
00494		XA231	49		XA231	50				16B	9		DBLC00	04	DB05IA	01	2	TQ2	D4		26B			
00495		XA231	50		XA231	56				16B	9		DBLC00	05	DB03IA	01	2	TQ2	D2		23A			
00496		XA231	56		XA231	64				16B	9		DBLC00	06	DB02IA	01	2	TQ2	D1		26A			
00497		XA231	64		XA231	70				16B	9		DBLC00	07	DB07IA	01	2	TQ2	E2		30A			
00498		XA231	70		XA213	80				16B	9		DBLC00	08	DB06IA	01	2	TQ2	E1		33A			
00499		XA213	80										DBLC00	09	DBLC00	00	1	THI	F1		38B	LOAD BUFFER REG B		
00500		XA213	71		XA231	79				16B	9		DBLC10	01	DBLC10	00	1	THI	F2		36B	LOAD BUFFER REG B		
00501		XA231	79		XA231	78				16B	9		DBLC10	02	DB10IA	01	2	TQ2	F1		39B			
00502		XA231	78		XA231	74				16B	9		DBLC10	03	DB13IA	01	2	TQ2	F4		38A			
00503		XA231	74		XA231	73				16B	9		DBLC10	04	DB12IA	01	2	TQ2	F3		35B			
00504		XA231	73		XA231	61				16B	9		DBLC10	05	DB11IA	01	2	TQ2	F2		36A			
00505		XA231	61		XA231	55				16B	9		DBLC10	06	DB09IA	01	2	TQ2	E4		32B			
00506		XA231	55		XA230	56				16B	9		DBLC10	07	DB08IA	01	2	TQ2	E3		29B			
00507		XA230	56		XA230	50				16B	9		DBLC10	08	DB14IA	01	2	TQ2	D1		26A			
00508		XA230	50										DBLC10	09	DB15IA	01	2	TQ2	D2		23A			
00509		XA213	70		XA230	79				16B	9		DBLC20	01	DBLC20	00	1	THI	F3		34B	LOAD BUFFER REG B		
00510		XA230	79		XA230	73				16B	9		DBLC20	02	DB22IA	01	2	TQ2	F1		39B			
00511		XA230	73		XA230	70				16B	9		DBLC20	03	DB23IA	01	2	TQ2	F2		36B			
00512		XA230	70		XA230	64				16B	9		DBLC20	04	DB18IA	01	2	TQ2	E1		33A			
00513		XA230	64		XA230	61				16B	9		DBLC20	05	DB19IA	01	2	TQ2	E2		30A			
00514		XA230	61		XA230	55				16B	9		DBLC20	06	DB21IA	01	2	TQ2	E4		32B			
00515		XA230	55		XA230	49				16B	9		DBLC20	07	DB20IA	01	2	TQ2	E3		29B			

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	PREFIX	CONNECTOR	PIN	WIRE	PREFIX	CONNECTOR	PIN	WIRE	WIRE	WIRE	WIRE	WIRE										
00516		XA230	49		XA230	43		168	9				DBLC20	08	DB17IA	01 2	TQ2	D4		26B		
00517		XA230	43										DBLC20	09	DB16IA	01 2	TQ2	D3		23B		
00518		XA223	13		XA223	05		168	9				DBLC30	01	DB29IA	01 2	TQ2	A4		06B		
00519		XA223	05		XA223	07		168	9				DBLC30	02	DB27IA	01 2	TQ2	A2		03B		
00520		XA223	07		XA223	10		168	9				DBLC30	03	DB28IA	01 2	TQ2	A3		03A		
00521		XA223	10		XA223	20		168	9				DBLC30	04	DB26IA	01 2	TQ2	A1		07A		
00522		XA223	20		XA223	26		168	9				DBLC30	05	DB31IA	01 2	TQ2	B2		11A		
00523		XA223	26		XA230	74		168	9				DBLC30	06	DB30IA	01 2	TQ2	B1		14A		
00524		XA230	74		XA230	78		168	9				DBLC30	07	DB24IA	01 2	TQ2	F3		35B		
00525		XA230	78		XA213	72		168	9				DBLC30	08	DB25IA	01 2	TQ2	F4		38A		
00526		XA213	72										DBLC30	09	DBLC30	00 1	THI	F4		34A	LOAD BUFFER REG R	
07121		XA206	61		XA213	15		168	9				DBL00A	005	DRE0R3U	01 1	DRC	D3		31B		
00527		XA213	15		XA218	35		168	9				DBL00A	01	DBL000	01 1	THI	A6		07B		
00528		XA218	35		XA314	31		168	9				DBL00A	02	DBL00A	00 1	TSR	C1		17B	MEM WORD COUNT IS 809	
05429		XA314	31		XA328	66		168	9				DBL00A	03	DRA100	01 2	TQ2	C3		15B		
04938		XA328	66										DBL00A	04	DTSE5A	01 2	TD4	F1		31A		
11176		XA309	09		XA328	25		168	9				DBL00P	01	DBL00P	00 1	TDD	BP		04B		
00529		XA328	25										DBL00P	02	DMR3A	01 3	TD4	B1		12B		
11174		XA309	07		XA108	08		168	9				DBL00Q	01	DBL00Q	00 1	TDD	B0		03A	BLOCK LEG. 0	
00530		XA108	08		XA103	43		168	9				DBL00Q	02	DRR2A	01 2	TD4	A1		06A		
00531		XA103	43		XA224	70		168	9				DBL00Q	03	DT1C2A	01 2	TQ2	D3		23B		
00535		XA224	70										DBL00Q	05	DRR5IA	01 2	TQ2	E1		33A		
07398		XA302	76		XA102	72		168	9				DBL000	005	DMCK6A	01 1	TQ2	F4		37A		
07064		XA102	72		XA102	25		168	9				DBL000	01	DTSH4A	01 2	TS8	F1		34A		
06898		XA102	25		XA213	10		168	9				DBL000	02	DTSE2A	01 7	TSR	B1		12B		
00533		XA213	10										DBL000	04	DBL000	00 1	THI	A6		06B		
00536		XA213	04		XA213	06		168	9				DBMRA0	01	DBMR3A	01 1	THI	A3		02A		
00537		XA213	06		XA213	05		168	9				DBMRA0	02	DBMR2A	01 1	THI	A2		05A		
00538		XA213	05		XA213	09		168	9				DBMRA0	03	DBMR4A	01 1	THI	A4		03B		
00539		XA213	09		XA213	11		168	9				DBMRA0	04	DBMR5A	01 1	THI	A5		05B		
00540		XA213	11		XA224	14		168	9				DBMRA0	05	DBMR1A	01 1	THI	A1		07A		
00541		XA224	14										DBMRA0	06	DBMRA0	00 1	TQ2	B2		09A	DRR RESET + I/O R	
00542		XA234	38		XA234	36		168	9				DBMR1A	01	DBO40P	01 1	TDD	FP		18A		
00543		XA234	36		XA234	22		168	9				DBMR1A	02	DBO50P	01 1	TDD	FP		17A		
00544		XA234	22		XA234	20		168	9				DBMR1A	03	DBO20P	01 1	TDD	CP		12A		
00545		XA234	20		XA234	04		168	9				DBMR1A	04	DBO30P	01 1	TDD	DP		11A		
00546		XA234	04		XA234	06		168	9				DBMR1A	05	DBO10P	01 1	TDD	BP		04A		
00547		XA234	06		XA232	06		168	9				DBMR1A	06	DBO00P	01 1	TDD	AP		05A		
00548		XA232	06		XA213	13		168	9				DBMR1A	07	DBO20P	01 1	TDD	AP		05A		
00549		XA213	13										DBMR1A	08	DBMR1A	00 1	THI	A1		06A		
00550		XA234	75		XA234	73		168	9				DBMR2A	01	DBI00P	01 1	TDD	LP		37B		
00551		XA234	73		XA234	66		168	9				DBMR2A	02	DBI10P	01 1	TDD	MP		36B		
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	PREFIX	CONNECTOR	PIN	PREFIX	CONNECTOR	PIN	WIRE NO	MULTI GROUP	CODE	COLOR											
00552		XA234	66		XA234	64			168	9		DBMR2A	03	DB080P	01	1	TDD	JP	31A		
00553		XA234	64		XA234	52			168	9		DBMR2A	04	DB090P	01	1	TDD	KP	30A		
00554		XA234	52		XA234	50			168	9		DBMR2A	05	DB060P	01	1	TDD	GP	24A		
00555		XA234	50		XA233	06			168	9		DBMR2A	06	DB070P	01	1	TDD	HP	23A		
00556		XA233	06		XA213	08			168	9		DBMR2A	07	DB120P	01	1	TDD	AP	05A		
00557		XA213	08									DBMR2A	08	DBMR2A	00	1	THI	A2	04A		
00558		XA233	52		XA233	38			168	9		DBMR3A	01	DB180P	01	1	TDD	GP	24A		
00559		XA233	38		XA233	36			168	9		DBMR3A	02	DB160P	01	1	TDD	EP	18A		
00560		XA233	36		XA233	22			168	9		DBMR3A	03	DB170P	01	1	TDD	FP	17A		
00561		XA233	22		XA233	20			168	9		DBMR3A	04	DB140P	01	1	TDD	CP	12A		
00562		XA233	20		XA233	04			168	9		DBMR3A	05	DB150P	01	1	TDD	DP	11A		
00563		XA233	04		XA213	03			168	9		DBMR3A	06	DB130P	01	1	TDD	BP	04A		
00564		XA213	03									DBMR3A	07	DBMR3A	00	1	THI	A3	03A		
00565		XA233	75		XA233	73			168	9		DBMR4A	01	DB220P	01	1	TDD	LP	37B		
00566		XA233	73		XA233	66			168	9		DBMR4A	02	DB230P	01	1	TDD	MP	36B		
00567		XA233	66		XA233	64			168	9		DBMR4A	03	DB200P	01	1	TDD	JP	31A		
00568		XA233	64		XA233	50			168	9		DBMR4A	04	DB210P	01	1	TDD	KP	30A		
00569		XA233	50		XA232	04			168	9		DBMR4A	05	DB190P	01	1	TDD	HP	23A		
00570		XA232	04		XA213	01			168	9		DBMR4A	06	DB240P	01	1	TDD	BP	04A		
00571		XA213	01									DBMR4A	07	DBMR4A	00	1	THI	A4	02B		
00572		XA213	07		XA232	20			168	9		DBMR5A	01	DBMR5A	00	1	THI	A5	04B		
00573		XA232	20		XA232	22			168	9		DBMR5A	02	DB260P	01	1	TDD	DP	11A		
00574		XA232	22		XA232	36			168	9		DBMR5A	03	DB250P	01	1	TDD	CP	12A		
00575		XA232	36		XA232	38			168	9		DBMR5A	04	DB280P	01	1	TDD	FP	17A		
00576		XA232	38		XA232	50			168	9		DBMR5A	05	DB270P	01	1	TDD	EP	18A		
00577		XA232	50		XA232	52			168	9		DBMR5A	06	DB300P	01	1	TDD	HP	23A		
00578		XA232	52		XA232	66			168	9		DBMR5A	07	DB290P	01	1	TDD	GP	24A		
00579		XA232	66									DBMR5A	08	DB310P	01	1	TDD	JP	31A		
00589		XA106	13		XA309	25			168	9		DBREQQ	01	DRTDEA	01	2	TQ2	A4	06B	B09	
11190		XA309	25									DBREQQ	02	DBREQQ	00	1	TDD	CQ	12B	B09	
00580		XA327	74		XA219	51			168	9		DBSWRA	01	DXRRC0	01	4	TS8	E1	35B		
00581		XA219	51		XA309	27			168	9		DBSWRA	02	DBSWRA	00	1	TT3	D3	27B	B09	
11192		XA309	27									DBSWRA	03	DBREQQ	01	1	TDD	CQ	13B	B09	
00583		XA105	22		XA105	72			168	9		DBTSPP	01	DTRUS0	01	1	TT3	B1	12A	FETCH + CMD CHAIN	
00584		XA105	72		XA106	64			168	9		DBTSPP	02	DRSESA	01	3	TT3	F2	34A		
04201		XA106	64		XA108	26			168	9		DBTSPP	03	DRCM30	01	2	TQ2	E2	30A		
00582		XA108	26		XA210	33			168	9		DBTSPP	04	DRSC40	01	4	TD4	B1	14A		
00585		XA210	33		XA212	70			168	9		DBTSPP	05	DBTSPP	00	1	TDD	FP	16B		
03098		XA212	70		XA223	56			168	9		DBTSPP	06	DRRWZ0	01	3	TT3	E1	33A		
07269		XA223	56		XA231	05			168	9		DBTSPP	07	DBEJ10	01	2	TQ2	D1	26A		
07245		XA231	05		XA328	31			168	9		DBTSPP	08	DRED30	01	2	TQ2	A2	03B		
00587		XA328	31		XA312	70			168	9		DBTSPP	09	DBUSY0	01	2	TD4	C2	15B	C01	
07470		XA312	70									DBTSPP	10	DROPCA	01	4	TD4	E1	33A	C01	
									****		SIGNAL	DBTSPQ								IS ON THE NEXT PAGE	****

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	PREFIX	CONNECTOR	PIN	PREFIX	CONNECTOR	PIN	DR PC	MULTI GROUP	CODE	COLOR													IDENT
00590		XA111	47		XA210	31			168	9		DBTSPQ	03	DRRE3A	01	1	TQ2	D4		25B	BOOTSTRAP		
00591		XA210	31		XA219	45			168	9		DBTSPQ	04	DBTSPQ	00	1	TDD	EQ		15B			
00592		XA219	45		XA324	48			168	9		DBTSPQ	05	DBSWRA	01	1	TT3	D3		24B			
00593		XA324	48									DBTSPQ	06	DBERRD4	01	1	TLD	D2		22A			
07956		XA112	38		XA211	72			168	9		DBTSSA	00	DLTKR0	01	1	TT3	C1		18A		005	
00594		XA211	72		XA210	29			168	9		DBTSSA	01	DBTSSA	00	1	TQ2	F2		34A	DEV. BOOTSTRAP CO		
00595		XA210	29		XA206	66			168	9		DBTSSA	02	DBTSPQ	01	1	TDD	EQ		14B			
03249		XA206	66		XA205	49			168	9		DBTSSA	03	DRTA25U	01	1	DBC	E5		32B			
03449		XA205	49		XA204	35			168	9		DBTSSA	04	DRTAQ5U	01	1	DBC	D5		24B			
03450		XA204	35		XA309	73			168	9		DBTSSA	06	DRTA15U	01	1	DBC	C5		16B		CO1	
11233		XA309	73									DBTSSA	07	DSELRP	01	1	TDD	MP		34B		CO1	
00596		XA213	34		XA210	36			168	9		DBTS1A	01	DBTS1A	00	1	THI	C3		15A			
00597		XA210	36									DBTS1A	02	DBTSPP	01	1	TDD	FP		17A			
00598		XA211	69		XA213	36			168	9		DBTS10	01	DBTS10	00	1	TQ2	F3		35A	MR + BTSP .EOB		
00599		XA213	36									DBTS10	02	DBTS1A	01	1	THI	C3		16A			
00600		XA312	13		XA312	07			168	9		DBUSYA	01	DXDVOA	01	4	TD4	A1		04B			
00601		XA312	07		XA213	30			168	9		DBUSYA	02	DXOR0A	01	4	TD4	A2		03A			
00602		XA213	30		XA214	53			168	9		DBUSYA	03	DBUSYA	00	1	THI	C4		14B	RASC BUSY	807	
10850		XA214	53									DBUSYA	04	DBUSZ0	01	1	TT3	E2		28B			807
00603		XA328	33		XA213	29			168	9		DBUSY0	01	DBUSY0	00	1	TD4	C2		16B	RASC BUSY	807	
00605		XA213	29									DBUSY0	03	DBUSYA	01	1	THI	C4		15B			
10852		XA214	55		XA319	43			168	9		DBUSZ0	01	DBUSZ0	00	1	TT3	E2		29B		807	
00604		XA319	43									DBUSZ0	02	DXDD51X	01	5	MUX	C1		22B		807	
00606		XA212	19		XA213	33			168	9		DBW32A	01	DBW32A	00	1	TT3	B2		09B			
00607		XA213	33									DBW32A	02	DBW320	01	1	THI	C5		17B			
00608		XA105	48		XA105	56			168	9		DBW320	01	DOVE2A	01	3	TT3	D2		22A			
00609		XA105	56		XA213	31			168	9		DBW320	02	DOVE1A	01	3	TT3	D1		26A			
00610		XA213	31		XA219	47			168	9		DBW320	03	DBW320	00	1	THI	C5		16B			
02993		XA219	47									DBW320	04	DBSWRA	01	2	TT3	D3		25B			
00611		XA207	71		XA232	13			168	9		DBOP0Q	01	DSROPI	01	1	TDD	MI		36A	BUFFER REG PARITY		
00612		XA232	13									DBOP0Q	02	DBOP0Q	00	1	TDD	AQ		06B			
00613		XA234	15		XA231	33			168	9		DB001A	01	DB000Q	00	1	TDD	AQ		07B	INPUT I/O		
00614		XA231	33									DB001A	02	DB001A	00	1	TQ2	C3		16B			LOAD BUFFER REG B
00615		XA315	03		XA227	08			168	9		DB000Q	01	DXDC01X	01	1	MUX	A1		02B	DATA + ITR 0		
00616		XA227	08		XA234	13			168	9		DB000Q	02	DD000T	01	1	TDD	AT		04A			
00617		XA234	13		XA342	51			168	9		DB000Q	03	DB000Q	00	1	TDD	AQ		06B	BUFFER REG BIT 00		
00618		XA342	51									DB000Q	04	DSRM0TA	01	1	MUX	D1		25B			
00619		XA234	03		XA231	39			168	9		DB011A	01	DB010Q	01	1	TDD	BQ		02A	INPUT I/O		
												DB011A											

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	PREFIX	CONNECTOR	PIN	ENFC	PREFIX	CONNECTOR	PIN	ENFC	MULTI GROUP	CODE	COLOR	IDENT											SPC INST	DUOS
00620		XA231	39										DB01IA	02	DB01IA	00	1	TQ2	C4	19B	LOAD BUFFER REG B			
00621		XA315	19		XA227	05			16B	9			DB010Q	01	DXDC11X	01	1	MUX	B1	09B	DATA + ITR 0			
00622		XA227	05		XA234	07			16B	9			DB010Q	02	DD010I	01	1	TDD	BI	02B				
00623		XA234	07		XA342	57			16B	9			DB010Q	03	DB010Q	00	1	TDD	BQ	03A	BUFFER REG BIT 01			
00624		XA342	57										DB010Q	04	DSRM0TB	01	1	MUX	D2	29B				
00625		XA234	27		XA231	52			16B	9			DB02IA	01	DB020Q	01	1	TDD	C0	13B	INPUT I/O			
00626		XA231	52										DB02IA	02	DB02IA	00	1	TQ2	D1	24A	LOAD BUFFER REG B			
00627		XA227	24		XA234	25			16B	9			DB020Q	01	DD020I	01	1	TDD	CI	13A				
00628		XA234	25		XA342	54			16B	9			DB020Q	02	DB020Q	00	1	TDD	CQ	12B	BUFFER REG BIT01			
00629		XA342	54		XA315	35			16B	9			DB020Q	03	DSRM0TC	01	1	MUX	D3	26A				
00630		XA315	35										DB020Q	04	DXDC21X	01	1	MUX	C1	16B	DATA + ITR 0			
00631		XA234	17		XA231	46			16B	9			DB03IA	01	DB030Q	01	1	TDD	DQ	08B	INPUT I/O			
00632		XA231	46										DB03IA	02	DB03IA	00	1	TQ2	D2	21A	LOAD BUFFER REG B			
00633		XA316	03		XA227	18			16B	9			DB030Q	01	DXDC31X	01	1	MUX	A1	02B	DATA + ITR 0			
00634		XA227	18		XA234	19			16B	9			DB030Q	02	DD030I	01	1	TDD	DI	10A				
00635		XA234	19		XA342	62			16B	9			DB030Q	03	DB030Q	00	1	TDD	DQ	09B	BUFFER REG BIT 03			
00636		XA342	62										DB030Q	04	DSRM0TD	01	1	MUX	D4	29A				
00637		XA234	39		XA231	45			16B	9			DB04IA	01	DB040Q	01	1	TDD	EQ	19B	INPUT I/O			
00638		XA231	45										DB04IA	02	DB04IA	00	1	TQ2	D3	24B	LOAD BUFFER REG B			
00639		XA316	19		XA227	40			16B	9			DB040Q	01	DXDC41X	01	1	MUX	B1	09B	DATA + ITR 0			
00640		XA227	40		XA234	37			16B	9			DB040Q	02	DD040I	01	1	TDD	E1	19A				
00641		XA234	37		XA342	69			16B	9			DB040Q	03	DB040Q	00	1	TDD	EQ	18B	BUFFER REG BIT 04			
00642		XA342	69										DB040Q	04	DSRM1TA	01	1	MUX	E1	32A				
00643		XA234	29		XA231	51			16B	9			DB05IA	01	DB050Q	01	1	TDD	FQ	14B	INPUT I/O			
00644		XA231	51										DB05IA	02	DB05IA	00	1	TQ2	D4	27B	LOAD BUFFER REG B			
00645		XA316	35		XA227	34			16B	9			DB050Q	01	DXDC51X	01	1	MUX	C1	16B	DATA + ITR 0			
00646		XA227	34		XA234	31			16B	9			DB050Q	02	DD050I	01	1	TDD	FI	16A				
00647		XA234	31		XA342	75			16B	9			DB050Q	03	DB050Q	00	1	TDD	FQ	15B	BUFFER REG BIT 05			
00648		XA342	75										DB050Q	04	DSRM1TB	01	1	MUX	E2	35B				
00649		XA234	51		XA231	66			16B	9			DB06IA	01	DB060Q	01	1	TDD	GQ	27B	INPUT I/O			
00650		XA231	66										DB06IA	02	DB06IA	00	1	TQ2	E1	31A	LOAD BUFFER REG B			
00651		XA317	03		XA227	54			16B	9			DB060Q	01	DXDC61X	01	1	MUX	A1	02B	DATA + ITR 0			
00652		XA227	54		XA234	49			16B	9			DB060Q	02	DD060I	01	1	TDD	GI	25A				
00653		XA234	49		XA342	70			16B	9			DB060Q	03	DB060Q	00	1	TDD	GQ	24B	BUFFER REG BIT 06			
00654		XA342	70										DB060Q	04	DSRM1TC	01	1	MUX	E3	34A				
00655		XA234	41		XA231	60			16B	9			DB07IA	01	DB070Q	01	1	TDD	HQ	22B	INPUT I/O			
00656		XA231	60										DB07IA	02	DB07IA	00	1	TQ2	E2	28A	LOAD BUFFER REG B			
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	PREFIX	CONNECTOR	PIN	WIRE	PREFIX	CONNECTOR	PIN	WIRE	MULTI GROUP	CODE	COLOR	IDENT													
00657		XA317	19		XA227	48			16B	9			DB070Q	01	DXDC71X	01	1	MUX	B1		09B	DATA + ITR 0			
00658		XA227	48		XA234	43			16B	9			DB070Q	02	DD070I	01	1	TDD	HT		22A				
00659		XA234	43		XA342	76			16B	9			DB070Q	03	DB070Q	00	1	TDD	HQ		23B	BUFFER REG BIT 07			
00660		XA342	76										DB070Q	04	DSRM1TD	01	1	MUX	E4		37A				
00661		XA234	63		XA231	57			16B	9			DB081A	01	DB080Q	00	1	TDD	JQ		33B	INPUT I/O			
00662		XA231	57										DB081A	02	DB081A	00	1	TQ2	E3		30B	LOAD BUFFER REG B			
00714		XA315	05		XA227	68			16B	9			DB080Q	01	DXDC01X	01	2	MUX	A1		03B				
00664		XA227	68		XA234	61			16B	9			DB080Q	02	DD080I	01	1	TDD	JT		32A				
00665		XA234	61		XA341	51			16B	9			DB080Q	03	DB080Q	00	1	TDD	JQ		32B	BUFFER REG BIT 08			
00666		XA341	51										DB080Q	04	DSRM2TA	01	1	MUX	D1		25B				
00667		XA234	53		XA231	63			16B	9			DB091A	01	DB090Q	01	1	TDD	KQ		28B	INPUT I/O			
00668		XA231	63										DB091A	02	DB091A	00	1	TQ2	E4		33B	LOAD BUFFER REG B			
00721		XA315	21		XA227	62			16B	9			DB090Q	01	DXDC11X	01	2	MUX	B1		10B				
00670		XA227	62		XA234	55			16B	9			DB090Q	02	DD090I	01	1	TDD	KT		29A				
00671		XA234	55		XA341	57			16B	9			DB090Q	03	DB090Q	00	1	TDD	KQ		29B	BUFFER REG BIT 09			
00672		XA341	57										DB090Q	04	DSRM2TB	01	1	MUX	D2		29B				
00673		XA234	80		XA231	75			16B	9			DB101A	01	DB100Q	01	1	TDD	LQ		39A	INPUT I/O			
00674		XA231	75										DB101A	02	DB101A	00	1	TQ2	F1		37B	LOAD BUFFER REG B			
00728		XA315	37		XA227	77			16B	9			DB100Q	01	DXDC21X	01	2	MUX	C1		17B				
00676		XA227	77		XA234	78			16B	9			DB100Q	02	DD100I	01	1	TDD	IT		38B				
00677		XA234	78		XA341	54			16B	9			DB100Q	03	DB100Q	00	1	TDD	LQ		38A	BUFFER REG BIT 10			
00678		XA341	54										DB100Q	04	DSRM2TC	01	1	MUX	D3		26A				
00679		XA234	65		XA231	72			16B	9			DB111A	01	DB110Q	01	1	TDD	MQ		34B	INPUT I/O			
00680		XA231	72										DB111A	02	DB111A	00	1	TQ2	F2		34A	LOAD BUFFER REG B			
00735		XA316	05		XA227	71			16B	9			DB110Q	01	DXDC31X	01	2	MUX	A1		03B				
00682		XA227	71		XA234	74			16B	9			DB110Q	02	DD110I	01	1	TDD	MT		36A				
00683		XA234	74		XA341	62			16B	9			DB110Q	03	DB110Q	00	1	TDD	MQ		35B	BUFFER REG BIT 11			
00684		XA341	62										DB110Q	04	DSRM2TD	01	1	MUX	D4		29A				
00685		XA233	15		XA231	69			16B	9			DB121A	01	DB120Q	01	1	TDD	AQ		07B	INPUT I/O			
00686		XA231	69										DB121A	02	DB121A	00	1	TQ2	F3		35A	LOAD BUFFER REG B			
00687		XA341	69		XA316	21			16B	9			DB120Q	01	DSRM3TA	01	1	MUX	E1		32A				
00742		XA316	21		XA228	08			16B	9			DB120Q	02	DXDC41X	01	2	MUX	B1		10B				
00689		XA228	08		XA233	13			16B	9			DB120Q	03	DD120I	01	1	TDD	AI		06A				
00690		XA233	13										DB120Q	04	DB120Q	00	1	TDD	AQ		06B	BUFFER REG BIT 12			
00691		XA231	80		XA233	03			16B	9			DB131A	01	DB131A	00	1	TQ2	F4		39A	LOAD BUFFER REG B			
00692		XA233	03										DB131A	02	DB130Q	01	1	TDD	BQ		02A	INPUT I/O			
00693		XA341	75		XA334	77			16B	9			DB130Q	01	DSRM3TB	01	1	MUX	E2		35B				
00694		XA334	77		XA316	37			16B	9			DB130Q	02	DMATDI	01	1	TDD	LI		38B				
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	PREFIX	CONNECTOR	PIN	PLATE	PREFIX	CONNECTOR	PIN	PLATE	MULTI GROUP	CODE	COLOR	IDENY									SPC INET MISC	AND		
00749		XA316	37		XA228	05			168	9			DB130Q	03	DXDC51X	01	2	MUX	C1		17B			
00696		XA228	05		XA233	07			168	9			DB130Q	04	DD130I	01	1	TDD	BI		03B			
00697		XA233	07										DB130Q	05	DB130Q	00	1	TDD	BQ		03A	BUFFER REG BIT 13		
00698		XA230	52		XA233	27			168	9			DB141A	01	DB141A	00	1	TQ2	D1		24A	LOAD BUFFER REG B		
00699		XA233	27										DB141A	02	DB140Q	01	1	TDD	CQ		13B	INPUT I/O		
00757		XA317	05		XA216	53			168	9			DB140Q	01	DXDC61X	01	2	MUX	A1		03B			
00701		XA216	53		XA228	24			168	9			DB140Q	02	DMMC41U	01	1	DBC	D1		26B			
00702		XA228	24		XA233	25			168	9			DB140Q	03	DD140I	01	1	TDD	CI		13A			
00703		XA233	25		XA341	70			168	9			DB140Q	04	DB140Q	00	1	TDD	CQ		12B	BUFFER REG BIT 14		
00704		XA341	70										DB140Q	05	DSRM3TC	01	1	MUX	E3		34A			
00705		XA230	46		XA233	17			168	9			DB151A	01	DB151A	00	1	TQ2	D2		21A	LOAD BUFFER REG B		
00706		XA233	17										DB151A	02	DB150Q	01	1	TDD	DO		08B	INPUT I/O		
00707		XA341	76		XA317	21			168	9			DB150Q	01	DSRM3TD	01	1	MUX	E4		37A			
00763		XA317	21		XA217	77			168	9			DB150Q	02	DXDC71X	01	2	MUX	B1		10B			
00709		XA217	77		XA228	18			168	9			DB150Q	03	DMMC31U	01	4	DBC	E1		36B			
00710		XA228	18		XA233	19			168	9			DB150Q	04	DD150I	01	1	TDD	DI		10A			
00711		XA233	19										DB150Q	05	DB150Q	00	1	TDD	DO		09B	BUFFER REG BIT 15		
00712		XA230	45		XA233	39			168	9			DB161A	01	DB161A	00	1	TQ2	D3		24B	LOAD BUFFER REG B		
00713		XA233	39										DB161A	02	DB160Q	01	1	TDD	EQ		19B	INPUT I/O		
00663		XA315	09		XA217	75			168	9			DB160Q	01	DXDC01X	01	4	MUX	A1		05B			
00715		XA217	75		XA228	40			168	9			DB160Q	02	DMMC31U	01	3	DBC	E1		35B			
00716		XA228	40		XA233	37			168	9			DB160Q	03	DD160I	01	1	TDD	EI		19A			
00717		XA233	37		XA340	51			168	9			DB160Q	04	DB160Q	00	1	TDD	EQ		18B	BUFFER REG BIT 16		
00718		XA340	51										DB160Q	05	DSRM4TA	01	1	MUX	D1		25B			
00719		XA230	51		XA233	29			168	9			DB171A	01	DB171A	00	1	TQ2	D4		27B	LOAD BUFFER REG B		
00720		XA233	29										DB171A	02	DB170Q	01	1	TDD	FQ		14B	INPUT I/O		
00669		XA315	25		XA217	73			168	9			DB170Q	01	DXDC11X	01	4	MUX	B1		12B			
00722		XA217	73		XA228	34			168	9			DB170Q	02	DMMC31U	01	2	DBC	E1		34B			
00723		XA228	34		XA233	31			168	9			DB170Q	03	DD170I	01	1	TDD	FI		16A			
00724		XA233	31		XA340	57			168	9			DB170Q	04	DB170Q	00	1	TDD	FQ		15B	BUFFER REG BIT 17		
00725		XA340	57										DB170Q	05	DSRM4TB	01	1	MUX	D2		29B			
00726		XA230	66		XA233	51			168	9			DB181A	01	DB181A	00	1	TQ2	E1		31A	LOAD BUFFER REG B		
00727		XA233	51										DB181A	02	DB180Q	01	1	TDD	GQ		27B	INPUT I/O		
00675		XA315	41		XA217	71			168	9			DB180Q	01	DXDC21X	01	4	MUX	C1		19B			
00729		XA217	71		XA228	54			168	9			DB180Q	02	DMMC31U	01	1	DBC	E1		33B			
00730		XA228	54		XA233	49			168	9			DB180Q	03	DD180I	01	1	TDD	GT		25A			
00731		XA233	49		XA340	54			168	9			DB180Q	04	DB180Q	00	1	TDD	GQ		26B	BUFFER REG BIT 18		
00732		XA340	54										DB180Q	05	DSRM4TC	01	1	MUX	D3		26A			
00733		XA230	60		XA233	41			168	9			DB191A	01	DB191A	00	1	TQ2	F2		28A	LOAD BUFFER REG B		
									****		SIGNAL		DB191A		IS ON THE						****			

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	PREFIX	CONNECTOR	PIN	DR PC	PREFIX	CONNECTOR	PIN	DR PC	MULTI GROUP	CODE	COLOR	IDENT											
00734		XA233	41										DB191A	02	DB190Q	01	1	TDD	HQ		22B	INPUT I/O	
00681		XA316	09		XA216	45			16B	9			DB190Q	01	DXDC31X	01	4	MUX	A1		05B		
00736		XA216	45		XA228	48			16B	9			DB190Q	02	DMMC21U	01	4	DBC	C1		23B		
00737		XA228	48		XA233	43			16B	9			DB190Q	03	DD190I	01	1	TDD	HI		22A		
00738		XA233	43		XA340	62			16B	9			DB190Q	04	DB190Q	00	1	TDD	HQ		23B	BUFFER REG BIT 19	
00739		XA340	62										DB190Q	05	DSRM4TD	01	1	MUX	D4		29A		
00740		XA230	57		XA233	63			16B	9			DB201A	01	DB201A	00	1	TQ2	E3		30B	LOAD BUFFER REG B	
00741		XA233	63										DB201A	02	DB200Q	01	1	TDD	JQ		33B	INPUT I/O	
00688		XA316	25		XA216	43			16B	9			DB200Q	01	DXDC41X	01	4	MUX	B1		12B		
00743		XA216	43		XA228	68			16B	9			DB200Q	02	DMMC21U	01	3	DBC	C1		22B		
00744		XA228	68		XA233	61			16B	9			DB200Q	03	DD200I	01	1	TDD	JT		32A		
00745		XA233	61		XA340	69			16B	9			DB200Q	04	DB200Q	00	1	TDD	JQ		32B	BUFFER REG BIT 20	
00746		XA340	69										DB200Q	05	DSRM5TA	01	1	MUX	F1		32A		
00747		XA230	63		XA233	53			16B	9			DB211A	01	DB211A	00	1	TQ2	F4		33B	LOAD BUFFER REG B	
00748		XA233	53										DB211A	02	DB210Q	01	1	TDD	KQ		28B	INPUT I/O	
00695		XA316	41		XA216	41			16B	9			DB210Q	01	DXDC51X	01	4	MUX	C1		19B		
00750		XA216	41		XA228	62			16B	9			DB210Q	02	DMMC21U	01	2	DBC	C1		19B		
00751		XA228	62		XA233	55			16B	9			DB210Q	03	DD210I	01	1	TDD	KI		29A		
00752		XA233	55		XA340	75			16B	9			DB210Q	04	DB210Q	00	1	TDD	KQ		29B	BUFFER REG BIT 21	
00753		XA340	75										DB210Q	05	DSRM5TB	01	1	MUX	E2		35B		
00754		XA230	75		XA233	80			16B	9			DB221A	01	DB221A	00	1	TQ2	F1		37B	LOAD BUFFER REG B	
00755		XA233	80										DB221A	02	DB220Q	01	1	TDD	LQ		39A	INPUT I/O	
00756		XA216	39		XA317	09			16B	9			DB220Q	01	DMMC21U	01	1	DBC	C1		18B		
00700		XA317	09		XA228	77			16B	9			DB220Q	02	DXDC61X	01	4	MUX	A1		05B		
00758		XA228	77		XA233	78			16B	9			DB220Q	03	DD220I	01	1	TDD	IT		38B		
00759		XA233	78		XA340	70			16B	9			DB220Q	04	DB220Q	00	1	TDD	LQ		38A	BUFFER REG BIT 22	
00760		XA340	70										DB220Q	05	DSRM5TC	01	1	MUX	F3		34A		
00761		XA230	72		XA233	65			16B	9			DB231A	01	DB231A	00	1	TQ2	F2		34A	LOAD BUFFER REG B	
00762		XA233	65										DB231A	02	DB230Q	01	1	TDD	MQ		34B	INPUT I/O	
00708		XA317	25		XA217	45			16B	9			DB230Q	01	DXDC71X	01	4	MUX	B1		12B		
00764		XA217	45		XA228	71			16B	9			DB230Q	02	DMMC11U	01	4	DBC	C1		23B		
00765		XA228	71		XA233	74			16B	9			DB230Q	03	DD230I	01	1	TDD	MI		36A		
00766		XA233	74		XA340	76			16B	9			DB230Q	04	DB230Q	00	1	TDD	MQ		35B	BUFFER REG BIT 23	
00767		XA340	76										DB230Q	05	DSRM5TD	01	1	MUX	E4		37A		
00768		XA232	03		XA230	69			16B	9			DB241A	01	DB240Q	01	1	TDD	BQ		02A	INPUT I/O	
00769		XA230	69										DB241A	02	DB241A	00	1	TQ2	F3		35A	LOAD BUFFER REG B	
00770		XA315	07		XA217	43			16B	9			DB240Q	01	DXDC01X	01	3	MUX	A1		04B		
00771		XA217	43		XA229	05			16B	9			DB240Q	02	DMMC11U	01	3	DBC	C1		22B		
00772		XA229	05		XA232	07			16B	9			DB240Q	03	DD240I	01	1	TDD	BT		03B		
									***		SIGNAL	DB240Q			IS ON THE NEXT PAGE						****		

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	PREFIX	CONNECTOR	PIN	DR FC	PREFIX	CONNECTOR	PIN	DR FC	MULTI GROUP	CODE	COLOR	IDENT									AND/OR			
00773 00774		XA232 XA339	07 51			XA339	51				16B	9		DB240Q DB240Q	04 05	DB240Q DSRM6TA	00 01	1 1	TDD MUX	BQ D1	03A 25B		BUFFER REG BIT 24	
00775 00776		XA230 XA232	80 27			XA232	27				16B	9		DB251A DB251A	01 02	DB251A DB250Q	00 01	1 1	TQ2 TDD	F4 C0	39A 13B		LOAD BUFFER REG B INPUT I/O	
00777 00778		XA315 XA217	23 41			XA217 XA229	41 24				16B	9		DB250Q DB250Q	01 02	DXDC11X DMMC11U	01 01	3 2	MUX DBC	B1 C1	11B 19B			
00779 00780 00781		XA229 XA232 XA339	24 25 57			XA232 XA339	25 57				16B	9		DB250Q DB250Q DB250Q	03 04 05	DD250I DB250Q DSRM6TB	01 00 01	1 1 1	TDD TDD MUX	CI C0 D2	13A 12B 29B		BUFFER REG BIT 25	
00782 00783		XA232 XA223	17 06			XA223	06				16B	9		DB261A DB261A	01 02	DB260Q DB261A	01 00	1 1	TDD TQ2	D0 A1	08B 05A		INPUT I/O LOAD BUFFER REG B	
00784 00785 00786 00787 00788		XA339 XA315 XA217 XA229 XA232	54 39 39 18 19			XA315 XA217 XA229 XA232	39 39 18 19				16B	9		DB260Q DB260Q DB260Q DB260Q DB260Q	01 02 03 04 05	DSRM6TC DXDC21X DMMC11U DD260I DB260Q	01 01 01 01 00	1 3 1 1 1	MUX MUX DBC TDD TDD	D3 C1 C1 DI D0	26A 18B 18B 10A 09B		BUFFER REG BIT 26	
00789 00790		XA232 XA223	39 01			XA223	01				16B	9		DB271A DB271A	01 02	DB270Q DB271A	01 00	1 1	TDD TQ2	E0 A2	19B 02B		INPUT I/O LOAD BUFFER REG B	
00791 00792 00793 00794 00795		XA316 XA220 XA229 XA232 XA339	07 59 40 37 62			XA220 XA229 XA232 XA339	59 40 37 62				16B	9		DB270Q DB270Q DB270Q DB270Q DB270Q	01 02 03 04 05	DXDC31X DMMC01U DD270I DB270Q DSRM6TD	01 01 01 00 01	3 4 1 1 1	MUX DBC TDD TDD MUX	A1 D1 EI E0 D4	04B 30B 19A 18B 29A		BUFFER REG BIT 27	
00796 00797		XA232 XA223	29 09			XA223	09				16B	9		DB281A DB281A	01 02	DB280Q DB281A	01 00	1 1	TDD TQ2	F0 A3	14B 04B		INPUT I/O LOAD BUFFER REG B	
00798 00799 00800		XA316 XA220 XA229	23 57 34			XA220 XA229 XA232	57 34 31				16B	9		DB280Q DB280Q DB280Q	01 02 03	DXDC41X DMMC01U DD280I	01 01 01	3 3 1	MUX DBC TDD	B1 D1 EI	11B 29B 16A			
00801 00802		XA232 XA339	31 69			XA339	69				16B	9		DB280Q DB280Q	04 05	DB280Q DSRM7TA	00 01	1 1	TDD MUX	F0 E1	15B 32A		BUFFER REG BIT 28	
00803 00804		XA232 XA223	51 15			XA223	15				16B	9		DB291A DB291A	01 02	DB290Q DB291A	01 00	1 1	TDD TQ2	G0 A4	27B 07B		INPUT I/O LOAD BUFFER REG B	
00805 00806 00807 00808 00809		XA316 XA220 XA229 XA232 XA339	39 55 54 49 75			XA220 XA229 XA232 XA339	55 54 49 75				16B	9		DB290Q DB290Q DB290Q DB290Q DB290Q	01 02 03 04 05	DXDC51X DMMC01U DD290I DB290Q DSRM7TB	01 01 01 00 01	3 2 1 1 1	MUX DBC TDD TDD MUX	C1 D1 GI G0 E2	18B 27B 25A 26B 35B		BUFFER REG BIT 29	
00810 00811		XA232 XA223	41 22			XA223	22				16B	9		DB301A DB301A	01 02	DB300Q DB301A	01 00	1 1	TDD TQ2	H0 B1	22B 12A		INPUT I/O LOAD BUFFER REG B	

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	PREFIX	CONNECTOR	PIN	TO	PREFIX	CONNECTOR	PIN	TO	MULTI GROUP	CODE	COLOR	IDENT								SPC INST MISC	AND			OR
00812		XA317	07		XA220	53				168	9		DB300Q	01	DXDC61X	01	3	MUX	A1		04B			
00813		XA220	53		XA229	48				168	9		DB300Q	02	DMMC01U	01	1	DBC	D1		26B			
00814		XA229	48		XA232	43				168	9		DB300Q	03	DD300I	01	1	TDD	HI		22A			
00815		XA232	43		XA339	70				168	9		DB300Q	04	DB300Q	00	1	TDD	HQ		23B			
00816		XA339	70										DB300Q	05	DSRM7TC	01	1	MUX	E3		34A			
00817		XA232	63		XA223	14				168	9		DB311A	01	DB310Q	01	1	TDD	JQ		33B			
00818		XA223	14										DB311A	02	DB311A	00	1	TQ2	B2		09A			
00819		XA317	23		XA229	68				168	9		DB310Q	01	DXDC71X	01	3	MUX	B1		11B			
00820		XA229	68		XA232	61				168	9		DB310Q	02	DD310I	01	1	TDD	JI		32A			
00821		XA232	61		XA339	76				168	9		DB310Q	03	DB310Q	00	1	TDD	JQ		32B			
00822		XA339	76										DB310Q	04	DSRM7TD	01	1	MUX	E4		37A			
03543		XA212	52		XA312	35				168	9		DCCLRA	01	DCDMA0	01	1	TT3	D1		24A			
11726		XA312	35										DCCLRA	02	DCCLRA	00	1	TD4	C1		17B		B07	
00829		XA333	06									J	DCDAAA	01	DCDAAA	00	1	TQ2	A1		05A			
00830		XA333	01									J	DCDABA	01	DCDABA	00	1	TQ2	A2		02B			
00831		XA333	09									J	DCDACA	01	DCDACA	00	1	TQ2	A3		04B			
00832		XA333	22									J	DCDADA	01	DCDADA	00	1	TQ2	B1		12A			
00833		XA333	14									J	DCDAEA	01	DCDAEA	00	1	TQ2	B2		09A			
00834		XA336	79	3	XA336	72		3		168	9		DCDCAB	01	DC100N	01	1	TDD	LN		39B			
58543		XA336	72									K	DCDCAB	015	DC110N			TDD	MN		34A		A01	
00835		XA336	72		XA336	70				168	9		DCDCAB	02	DC110N	01	1	TDD	MN		34A		A01	
00836		XA336	70		XA336	60				168	9		DCDCAB	03	DC080N	01	1	TDD	JN		33A			
00837		XA336	60		XA336	56				168	9		DCDCAB	04	DC090N	01	1	TDD	KN		28A			
00838		XA336	56		XA336	46				168	9		DCDCAB	05	DC060N	01	1	TDD	GN		26A			
00839		XA336	46		XA336	42				168	9		DCDCAB	06	DC070N	01	1	TDD	HN		21A			
00840		XA336	42		XA335	42				168	9		DCDCAB	07	DC040N	01	1	TDD	EN		20A			
00841		XA335	42		XA335	26				168	9		DCDCAB	08	DC160N	01	1	TDD	EN		20A			
00842		XA335	26		XA335	30				168	9		DCDCAB	09	DC140N	01	1	TDD	CN		14A			
00843		XA335	30		XA336	30				168	9		DCDCAB	10	DC170N	01	1	TDD	EN		15A			
00844		XA336	30		XA336	26				168	9		DCDCAB	11	DC050N	01	1	TDD	FN		15A			
00845		XA336	26		XA336	10				168	9		DCDCAB	12	DC020N	01	1	TDD	CN		14A			
00846		XA336	10		XA336	14				168	9		DCDCAB	13	DC000N	01	1	TDD	AN		07A			
00847		XA336	14		XA335	14				168	9		DCDCAB	14	DC030N	01	1	TDD	DN		09A			
00848		XA335	14		XA335	10				168	9		DCDCAB	15	DC150N	01	1	TDD	DN		09A			
00849		XA335	10		XA336	01				168	9		DCDCAB	16	DC120N	01	1	TDD	AN		07A			
00850		XA336	01		XA335	01				168	9		DCDCAB	17	DC010N	01	1	TDD	BN		02B			
00851		XA335	01		XA333	06				168	9		DCDCAB	18	DC130N	01	1	TDD	BN		02B			
00852		XA333	06		XA333	01				168	9	P	DCDAAA	19	DCDCAB	01	1	TQ2	A1		05A			
00853		XA333	01		XA333	09				168	9	P	DCDABA	20	DCDCAB	01	2	TQ2	A2		02B			
										****			SIGNAL	DCDCAB										

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	PREFIX	CONNECTOR	PIN	PREFIX	CONNECTOR	PIN	MULTI-GROUP	CODE	COLOR	IDENTY											
00854 58427	XA333	09		XA336	79			16B	9		P	DCDACA DCDCAB	21 22	DCDCAB DC100N	01 3	TQ2 TDD	A3 LN		04B 39B		
00861	XA334	01		XA334	10			16B	9			DCDCBB	01	DC250N	01	1	TDD	BN		02B	
00862	XA334	10		XA334	14			16B	9			DCDCBB	02	DC240N	01	1	TDD	AN		07A	
00863	XA334	14		XA333	14			16B	9			DCDCBB	03	DC270N	01	1	TDD	DN		09A	
00864	XA333	14		XA333	22			16B	9		P	DCDAEA	04	DCDCBB	01	2	TQ2	B2		09A	
00865	XA333	22		XA334	26			16B	9		P	DCDADA	05	DCDCBB	01	1	TQ2	B1		12A	
00866	XA334	26		XA334	30			16B	9			DCDCBB	06	DC260N	01	1	TDD	CN		14A	
00867	XA334	30		XA335	46			16B	9			DCDCBB	07	DC290N	01	1	TDD	FN		15A	
00868	XA335	46		XA334	42			16B	9			DCDCBB	08	DC190N	01	1	TDD	HN		21A	
00869	XA334	42		XA334	46			16B	9			DCDCBB	09	DC280N	01	1	TDD	EN		20A	
00870	XA334	46		XA334	56			16B	9			DCDCBB	10	DC310N	01	1	TDD	HN		21A	
00871	XA334	56		XA335	56			16B	9			DCDCBB	11	DC300N	01	1	TDD	GN		26A	
00872	XA335	56		XA335	60			16B	9			DCDCBB	12	DC180N	01	1	TDD	GN		26A	
00873	XA335	60		XA335	70			16B	9			DCDCBB	13	DC210N	01	1	TDD	KN		28A	
00874	XA335	70		XA335	72			16B	9			DCDCBB	14	DC200N	01	1	TDD	JN		33A	
00875	XA335	72		XA335	79			16B	9			DCDCBB	15	DC230N	01	1	TDD	MN		34A	
00876 58428	XA335	79		XA334	01			16B	9			DCDCBB DCDCBB	16 17	DC220N DC250N	01 1	1	TDD TDD	LN BN		39B 02B	
00353	XA215	66									J	DCDMAA	01	DCDMAA	00	1	THI	E1		32A	DCDMRB BUSS
03195	XA212	50		XA215	55			16B	9			DCDMAO	01	DCDMAO	00	1	TT3	D1		23A	WD21, BIT 32, CLKR07
00390	XA215	55		XA215	59			16B	9			DCDMAO	02	DCDMEA	01	1	THI	E4		29B	
00391	XA215	59		XA215	61			16B	9			DCDMAO	03	DCDMFA	01	1	THI	E5		31B	
00392	XA215	61		XA215	62			16B	9			DCDMAO	04	DCDMBA	01	1	THI	E2		31A	
00393	XA215	62		XA215	64			16B	9			DCDMAO	05	DCDMCA	01	1	THI	E3		29A	
00394	XA215	64										DCDMAO	06	DCDMAA	01	1	THI	E1		33A	
00354	XA215	63									J	DCDMBA	01	DCDMBA	00	1	THI	E2		30A	DCDMRB BUSS
00362	XA215	60									J	DCDMCA	01	DCDMCA	00	1	THI	E3		28A	DCDMRB BUSS
00377	XA215	56									J	DCDMEA	01	DCDMEA	00	1	THI	E4		28B	DCDMSB BUSS
00378	XA215	57									J	DCDMFA	01	DCDMFA	00	1	THI	E5		30B	DCDMSB BUSS
58487	XA336	75	3	XA215	66	3		16B	9		K	DCDMRB	00C	DC100P			TDD	LP		37B	
58488	XA215	66										DCDMRB	005	DCDMAA			THI	E1		32A	
00882	XA336	75		XA336	73			16B	9			DCDMRB	01	DC100P	01	1	TDD	LP		37B	
00883	XA336	73		XA336	66			16B	9			DCDMRB	02	DC110P	01	1	TDD	MP		36B	
00884	XA336	66		XA336	64			16B	9			DCDMRB	03	DC080P	01	1	TDD	JP		31A	
00885	XA336	64		XA336	52			16B	9			DCDMRB	04	DC090P	01	1	TDD	KP		30A	
00886	XA336	52		XA336	50			16B	9			DCDMRB	05	DC060P	01	1	TDD	GP		24A	
00887	XA336	50		XA336	38			16B	9			DCDMRB	06	DC070P	01	1	TDD	HP		23A	
00888	XA336	38		XA336	36			16B	9			DCDMRB	07	DC040P	01	1	TDD	EP		18A	
00889	XA336	36		XA335	36			16B	9			DCDMRB	08	DC050P	01	1	TDD	FP		17A	
00890	XA335	36		XA335	38			16B	9			DCDMRB	09	DC170P	01	1	TDD	FP		17A	
00891	XA335	38		XA335	22			16B	9			DCDMRB	10	DC160P	01	1	TDD	EP		18A	
								****		SIGNAL		DCDMRB		IS ON THE			NEXT PAGE		****		

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	PREFIX	CONNECTOR	PIN	OR %	PREFIX	CONNECTOR	PIN	OR %	MULTI-GROUP	CODE	COLOR	IDENT											
00895		XA335	22		XA335	20				168	9		DCDMRB	14	DC140P	01	1	TDD	CP		12A		
00896		XA335	20		XA336	20				168	9		DCDMRB	15	DC150P	01	1	TDD	DP		11A		
00897		XA336	20		XA336	22				168	9		DCDMRB	16	DC030P	01	1	TDD	DP		11A		
00898		XA336	22		XA336	06				168	9		DCDMRB	17	DC020P	01	1	TDD	CP		12A		
00899		XA336	06		XA336	04				168	9		DCDMRB	18	DC000P	01	1	TDD	AP		05A		
00900		XA336	04		XA335	04				168	9		DCDMRB	19	DC010P	01	1	TDD	BP		04A		
00901		XA335	04		XA335	06				168	9		DCDMRB	20	DC130P	01	1	TDD	BP		04A		
00902		XA335	06		XA215	60				168	9		DCDMRB	21	DC120P	01	1	TDD	AP		05A		
58431		XA215	60		XA215	63				168	9	P	DCDMA	24	DCDMRB	03	1	THI	E3		28A		
58430		XA215	63		XA215	66				168	9	P	DCDMA	27	DCDMRB	02	1	THI	E2		30A		
58429		XA215	66									P	DCDMA	29	DCDMRB	01	1	THI	E1		32A		
58432		XA215	56		XA215	57				168	9	P	DCMEA	00C	DCDMSB	01	1	THI	E4		28B		
58433		XA215	57		XA335	75				168	9	P	DCMEA	005	DCDMSB	01	2	THI	E5		30B		
00903		XA335	75		XA335	73				168	9		DCDMSB	01	DC220P	01	1	TDD	LP		37B		
00904		XA335	73		XA335	66				168	9		DCDMSB	02	DC230P	01	1	TDD	MP		36B		
00905		XA335	66		XA335	64				168	9		DCDMSB	03	DC200P	01	1	TDD	JP		31A		
00906		XA335	64		XA335	50				168	9		DCDMSB	04	DC210P	01	1	TDD	KP		30A		
00907		XA335	50		XA335	52				168	9		DCDMSB	05	DC190P	01	1	TDD	HP		23A		
00908		XA335	52		XA334	52				168	9		DCDMSB	06	DC180P	01	1	TDD	GP		24A		
00909		XA334	52		XA334	50				168	9		DCDMSB	07	DC300P	01	1	TDD	GP		24A		
00910		XA334	50		XA334	38				168	9		DCDMSB	08	DC310P	01	1	TDD	HP		23A		
00911		XA334	38		XA334	36				168	9		DCDMSB	09	DC280P	01	1	TDD	EP		18A		
00912		XA334	36		XA334	22				168	9		DCDMSB	10	DC290P	01	1	TDD	FP		17A		
00915		XA334	22		XA334	20				168	9		DCDMSB	13	DC260P	01	1	TDD	CP		12A		
00916		XA334	20		XA334	06				168	9		DCDMSB	14	DC270P	01	1	TDD	DP		11A		
00917		XA334	06		XA334	04				168	9		DCDMSB	15	DC240P	01	1	TDD	AP		05A		
00918		XA334	04									K	DCDMSB	16	DC250P	01	1	TDD	BP		04A		
58489		XA334	04	3	XA215	56		3		168	9		DCDMSB	17	DC250P			TDD	BP		04A		
58490		XA215	56										DCDMSB	18	DCMEFA			THI	E4		28B		
00927		XA332	05		XA336	08				168	9		DCD00ER	01	DCD00ER	00	1	EOR	A1		04B	MOD 2 SUM BIT 00	
00928		XA336	08										DCD00ER	02	DC000I	01	1	TDD	AI		06A		
00929		XA336	05		XA332	11				168	9		DCD01ER	01	DC010I	01	1	TDD	BI		03B		
00930		XA332	11										DCD01ER	02	DCD01ER	00	1	EOR	A2		07B	MOD 2 SUM BIT 01	
00931		XA332	13		XA336	24				168	9		DCD02ER	01	DCD02ER	00	1	EOR	A3		07A	MOD 2 SUM BIT 02	
00932		XA336	24										DCD02ER	02	DC020I	01	1	TDD	CI		13A		
00933		XA336	18		XA332	08				168	9		DCD03ER	01	DC030I	01	1	TDD	DI		10A		
00934		XA332	08										DCD03ER	02	DCD03ER	00	1	EOR	A4		04A	MOD 2 SUM BIT 03	
00935		XA332	19		XA336	40				168	9		DCD04ER	01	DCD04ER	00	1	EOR	B1		10B	MOD 2 SUM BIT 04	
00936		XA336	40										DCD04ER	02	DC040I	01	1	TDD	EI		19A		
00937		XA336	34		XA332	27				168	9		DCD05ER	01	DC050I	01	1	TDD	FI		16A		
00938		XA332	27										DCD05ER	02	DCD05ER	00	1	EOR	B2		13B	MOD 2 SUM BIT 05	
00939		XA332	25		XA336	54				168	9		DCD06ER	01	DCD06ER	00	1	EOR	B3		14A	MOD 2 SUM BIT 06	
										****		SIGNAL	(DCD06ER)		IS ON THE			NEXT PAGE		****			

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	PREFIX	CONNECTOR	PIN	PREFIX	CONNECTOR	PIN	MULTI GROUP	CODE	COLOR	IDENT													
00940		XA336	54									DCD06ER	02	DC060I	01	1	TDD	GI		25A			
00941		XA336	48		XA332	22						DCD07ER	01	DC070I	01	1	TDD	HI		22A			
00942		XA332	22									DCD07ER	02	DCD07ER	00	1	EOR	B4		11A	MOD 2 SUM BIT 07		
00943		XA332	33		XA336	68						DCD08ER	01	DCD08ER	00	1	EOR	C1		16B	MOD 2 SUM BIT 08		
00944		XA336	68									DCD08ER	02	DC080I	01	1	TDD	JI		32A			
00945		XA336	62		XA332	39						DCD09ER	01	DC090I	01	1	TDD	KI		29A			
00946		XA332	39									DCD09ER	02	DCD09ER	00	1	EOR	C2		19B	MOD 2 SUM BIT 09		
00947		XA332	42		XA336	77						DCD10ER	01	DCD10ER	00	1	EOR	C3		20A	MOD 2 SUM BIT 10		
00948		XA336	77									DCD10ER	02	DC100I	01	1	TDD	LI		38B			
00949		XA336	71		XA332	36						DCD11ER	01	DC110I	01	1	TDD	MI		36A			
00950		XA332	36									DCD11ER	02	DCD11ER	00	1	EOR	C4		17A	MOD 2 SUM BIT 11		
00951		XA335	08		XA332	45						DCD12ER	01	DC120I	01	1	TDD	AI		06A			
00952		XA332	45									DCD12ER	02	DCD12ER	00	1	EOR	D1		24B	MOD 2 SUM BIT 12		
00953		XA332	51		XA335	05						DCD13ER	01	DCD13ER	00	1	EOR	D2		27B	MOD 2 SUM BIT 13		
00954		XA335	05									DCD13ER	02	DC130I	01	1	TDD	BI		03B			
00955		XA335	24		XA332	56						DCD14ER	01	DC140I	01	1	TDD	CI		13A			
00956		XA332	56									DCD14ER	02	DCD14ER	00	1	EOR	D3		26A	MOD 2 SUM BIT 14		
00957		XA335	18		XA332	50						DCD15ER	01	DC150I	01	1	TDD	DI		10A			
00958		XA332	50									DCD15ER	02	DCD15ER	00	1	EOR	D4		23A	MOD 2 SUM BIT 15		
00959		XA332	59		XA335	40						DCD16ER	01	DCD16ER	00	1	EOR	E1		30B	MOD 2 SUM BIT 16		
00960		XA335	40									DCD16ER	02	DC160I	01	1	TDD	EI		19A			
00961		XA335	34		XA332	65						DCD17ER	01	DC170I	01	1	TDD	FI		16A			
00962		XA332	65									DCD17ER	02	DCD17ER	00	1	EOR	F2		33B	MOD 2 SUM BIT 17		
00963		XA332	68		XA335	54						DCD18ER	01	DCD18ER	00	1	EOR	F3		33A	MOD 2 SUM BIT 18		
00964		XA335	54									DCD18ER	02	DC180I	01	1	TDD	GI		25A			
00965		XA335	48		XA332	62						DCD19ER	01	DC190I	01	1	TDD	HI		22A			
00966		XA332	62									DCD19ER	02	DCD19ER	00	1	EOR	F4		30A	MOD 2 SUM BIT 19		
00967		XA332	73		XA335	68						DCD20ER	01	DCD20ER	00	1	EOR	F1		36B	MOD 2 SUM BIT 20		
00968		XA335	68									DCD20ER	02	DC200I	01	1	TDD	JI		32A			
00969		XA335	62		XA332	79						DCD21ER	01	DC210I	01	1	TDD	KI		29A			
00970		XA332	79									DCD21ER	02	DCD21ER	00	1	EOR	F2		39B	MOD 2 SUM BIT 21		
00971		XA332	80		XA335	77						DCD22ER	01	DCD22ER	00	1	EOR	F3		39A	MOD 2 SUM BIT 22		
00972		XA335	77									DCD22ER	02	DC220I	01	1	TDD	LI		38B			
												****	SIGNAL	{DCD23ER}							IS ON THE	NEXT PAGE	****

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	PREFIX	CONNECTOR	PIN	DR PO	PREFIX	CONNECTOR	PIN	DR PO	MULTI GROUP	CODE	COLOR	IDENT												
00973 00974		XA335 XA332	71 74			XA332	74				16B	9		DCD23ER DCD23ER	01 02	DC230I DCD23ER	01 00	1 1	TDD FDR	MI F4		36A 36A	MOD 2 SUM BIT 23	
00975 00976		XA331 XA334	05 08			XA334	08				16B	9		DCD24ER DCD24ER	01 02	DCD24ER DC240I	00 01	1 1	FDR TDD	A1 A1		04B 06A	MOD 2 SUM BIT 24	
00977 00978		XA334 XA331	05 11			XA331	11				16B	9		DCD25ER DCD25ER	01 02	DC250I DCD25ER	01 00	1 1	TDD FDR	BI A2		03B 07B	MOD 2 SUM BIT 25	
00979 00980		XA331 XA334	13 24			XA334	24				16B	9		DCD26ER DCD26ER	01 02	DCD26ER DC260I	00 01	1 1	FDR TDD	A3 CI		07A 13A	MOD 2 SUM BIT 26	
00981 00982		XA334 XA331	18 08			XA331	08				16B	9		DCD27ER DCD27ER	01 02	DC270I DCD27ER	01 00	1 1	TDD FDR	DI A4		10A 04A	MOD 2 SUM BIT 27	
00983 00984		XA331 XA334	19 40			XA334	40				16B	9		DCD28ER DCD28ER	01 02	DCD28ER DC280I	00 01	1 1	FDR TDD	B1 E1		10B 19A	MOD 2 SUM BIT 28	
00985 00986		XA334 XA331	34 27			XA331	27				16B	9		DCD29ER DCD29ER	01 02	DC290I DCD29ER	01 00	1 1	TDD FDR	FI B2		16A 13B	MOD 2 SUM BIT 29	
00987 00988		XA331 XA334	25 54			XA334	54				16B	9		DCD30ER DCD30ER	01 02	DCD30ER DC300I	00 01	1 1	FDR TDD	B3 GI		14A 25A	MOD 2 SUM BIT 30	
00989 00990		XA334 XA331	48 22			XA331	22				16B	9		DCD31ER DCD31ER	01 02	DC310I DCD31ER	01 00	1 1	TDD FDR	HI B4		22A 11A	MOD 2 SUM BIT 31	
00991 00992		XA328 XA337	06 42			XA337	42				16B	9		DCERAA DCERAA	01 02	DCERRO DCERAA	01 00	1 1	TD4 THI	A1 C6		05A 18B		
00993 00994		XA327 XA337	11 39			XA337	39				16B	9		DCERAO DCERAO	01 02	DCERAO DCERAA	00 01	1 1	TSB THI	A1 C6		05B 19B	CYC REG BYTE 1 'S	
00995 00996		XA328 XA337	08 37			XA337	37				16B	9		DCERBA DCERBA	01 02	DCERRO DCERBA	01 00	2 1	TD4 THI	A1 C2		06A 17A		
00997 00998		XA337 XA327	35 23			XA327	23				16B	9		DCERBO DCERBO	01 02	DCERBA DCERBO	01 00	1 1	THI TSB	C2 B1		18A 11B	CYC REG BYTE 2 'S	
00999 01000		XA328 XA337	10 34			XA337	34				16B	9		DCERCA DCERCA	01 02	DCERRO DCERCA	01 00	3 1	TD4 THI	A1 C3		07A 15A		
01001 01002		XA337 XA327	36 35			XA327	35				16B	9		DCERCO DCERCO	01 02	DCERCA DCERCO	01 00	1 1	THI TSB	C3 C1		16A 17B	CYC REG BYTE 3 'S	
01003 01004		XA328 XA337	13 30			XA337	30				16B	9		DCERDA DCERDA	01 02	DCERRO DCERDA	01 00	4 1	TD4 THI	A1 C4		06B 14B		
01005 01006		XA337 XA327	29 47			XA327	47				16B	9		DCERDO DCERDO	01 02	DCERDA DCERDO	01 00	1 1	THI TSB	C4 D1		15B 25B	CYC REG BYTE 4 'S	

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	PREFIX	CONNECTOR	PIN	DR PC	PREFIX	CONNECTOR	PIN	DR PC	MULTI GROUP	CODE	COLOR	IDENT											
01011 01008		XA305 XA328	54 11			XA328 I1				16B	9		DCERRO DCERRO	01 02	DCYERI DCERRO	01 00	1 1	TDD TD4	GI A1	25A 05B	CYCLIC WORD NOT Z		
01014 11645 07462		XA218 XA219 XA308	54 80 75			XA219 XA308	80 75			16B	9		DCTE1A DCTE1A DCTE1A	02 03 04	DERROO DCTE1A DRMRZA	01 00 01	7 1 1	TS8 TT3 TD4	D1 F3 F1	25A 39A 37B			
02436 02999		XA328 XA212	09 54			XA212	54			16B	9		DCWCRA DCWCRA	01 02	DCWCRA DCDMAO	00 01	1 2	TD4 TT3	A2 D1	04B 25A	CLEAR CYCLIC REG.	B07 B07	
01015 01016 10853		XA312 XA305 XA214	46 47 56			XA305 XA214	47 56			16B	9		DCYERP DCYERP DCYERP	03 04 05	DBERRO DCYERP DCYE1A	01 00 01	2 1 3	TD4 TDD TT3	D2 GP D1	21A 25B 26A		C03 C03	
01017 01018 07170		XA305 XA316 XA219	49 69 69			XA316 XA219	69 69			16B	9		DCYERQ DCYERQ DCYERQ	01 02 03	DCYERQ DXDB4TA DCTE1A	00 01 01	1 1 1	TDD MUX TT3	GQ E1 F3	26B 32A 35A	CYCLIC ERROR		
10847 03027		XA214 XA305	50 56			XA305	56			16B	9		DCYE1A DCYE1A	01 02	DCYE1A DCYERN	00 01	1 1	TT3 TDD	D1 GN	23A 26A		B07	
04028 03231 03614 01020 03404 01019		XA106 XA208 XA208 XA305 XA305 XA337	10 66 52 52 50 54			XA208 XA208 XA305 XA305 XA337	66 52 52 50 54			16B	9		DCYRTA DCYRTA DCYRTA DCYRTA DCYRTA DCYRTA	01 02 025 03 035 04	DRSSKO DRPERP DMYTOP DCYERP DRSERP DCYRTA	01 01 01 01 01 00	2 1 1 1 1 1	TQ2 TDD TDD TDD TDD THI	A1 JP GP GP HP D1	07A 31A 24A 24A 23A 25A			C03 C03
01034 02396 01037		XA337 XA320 XA103	49 15 54			XA320 XA103	15 54			16B	9		DCYT00 DCYT00 DCYT00	01 02 04	DCYT00 DXDD01X DTS32A	00 01 01	1 6 1	THI MUX TQ2	D2 A1 D1	23A 07B 25A	CYCLE TEST		
01038 01039		XA336 XA327	11 01			XA327	01			16B	9		DC000P DC000P	01 02	DC000P DCERA0	00 01	1 1	TDD TS8	AP A1	05B 02B			
01040 01041 01042		XA332 XA336 XA342	03 13 53			XA336 XA342	13 53			16B	9		DC000Q DC000Q DC000Q	01 02 03	DCD00ER DC000Q DSRMOTA	01 00 01	1 1 2	EOR TDD MUX	A1 AQ D1	03B 06B 26B	SHIFT REG. CYCLIC CYCLIC REG BIT 00		
01043 01044		XA327 XA336	04 09			XA336	09			16B	9		DC010P DC010P	01 02	DCERA0 DC010P	01 00	2 1	TS8 TDD	A1 BP	04A 04B			
01045 01046 01047		XA332 XA336 XA342	09 07 59			XA336 XA342	07 59			16B	9		DC010Q DC010Q DC010Q	01 02 03	DCD01ER DC010Q DSRMOTB	01 00 01	1 1 2	EOR TDD MUX	A2 BQ D2	06B 03A 30B	CYCLIC REG BIT 01		
01048 01049		XA327 XA336	05 23			XA336	23			16B	9		DC020P DC020P	01 02	DCERA0 DC020P	01 00	3 1	TS8 TDD	A1 CP	03B 11B			

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	PREFIX	CONNECTOR	PIN	POS	PREFIX	CONNECTOR	PIN	POS	WIRE	MULTI GROUP	CODE	COLOR											
01050		XA332	14		XA336	25					16B	9		DC020Q	01	DC020ER	01	1	EOR	A3		06A	
01051		XA336	25		XA342	56					16B	9		DC020Q	02	DC020Q	00	1	TDD	CQ		12B	CYCLIC REG BIT 02
01052		XA342	56											DC020Q	03	DSRM0TC	01	2	MUX	D3		28B	
01053		XA327	06		XA336	21					16B	9		DC030P	01	DCERA0	01	4	TS8	A1		05A	
01054		XA336	21											DC030P	02	DC030P	00	1	TDD	DP		10B	
01055		XA332	06		XA336	19					16B	9		DC030Q	01	DC030ER	01	1	EOR	A4		03A	SHIFT REG . CYCLIC
01056		XA336	19		XA342	64					16B	9		DC030Q	02	DC030Q	00	1	TDD	DQ		09B	CYCLIC REG BIT 03
01057		XA342	64											DC030Q	03	DSRM0TD	01	2	MUX	D4		30A	
01058		XA327	07		XA336	35					16B	9		DC040P	01	DCERA0	01	5	TS8	A1		03A	
01059		XA336	35											DC040P	02	DC040P	00	1	TDD	EP		17B	
01060		XA332	17		XA336	37					16B	9		DC040Q	01	DC040ER	01	1	EOR	B1		09B	
01061		XA336	37		XA342	71					16B	9		DC040Q	02	DC040Q	00	1	TDD	F0		18B	CYCLIC REG BIT 04
01062		XA342	71											DC040Q	03	DSRM1TA	01	2	MUX	E1		33B	
01063		XA327	08		XA336	33					16B	9		DC050P	01	DCERA0	01	6	TS8	A1		06A	
01064		XA336	33											DC050P	02	DC050P	00	1	TDD	EP		16B	
01065		XA332	23		XA336	31					16B	9		DC050Q	01	DC050ER	01	1	EOR	B2		12B	
01066		XA336	31		XA342	77					16B	9		DC050Q	02	DC050Q	00	1	TDD	FQ		15B	CYCLIC REG BIT 05
01067		XA342	77											DC050Q	03	DSRM1TB	01	2	MUX	E2		36B	
01068		XA327	10		XA336	47					16B	9		DC060P	01	DCERA0	01	7	TS8	A1		07A	
01069		XA336	47											DC060P	02	DC060P	00	1	TDD	GP		25B	
01070		XA332	26		XA336	49					16B	9		DC060Q	01	DC060ER	01	1	EOR	B3		13A	SHIFT REG . CYCLIC
01071		XA336	49		XA342	72					16B	9		DC060Q	02	DC060Q	00	1	TDD	GQ		26B	CYCLIC REG BIT 06
01072		XA342	72											DC060Q	03	DSRM1TC	01	2	MUX	E3		35A	
01073		XA327	13		XA336	45					16B	9		DC070P	01	DCERA0	01	8	TS8	A1		06B	
01074		XA336	45											DC070P	02	DC070P	00	1	TDD	HP		24B	
01075		XA332	20		XA336	43					16B	9		DC070Q	01	DC070ER	01	1	EOR	B4		10A	
01076		XA336	43		XA342	78					16B	9		DC070Q	02	DC070Q	00	1	TDD	HQ		23B	CYCLIC REG BIT 07
01077		XA342	78											DC070Q	03	DSRM1TD	01	2	MUX	E4		38A	
01078		XA327	14		XA336	59					16B	9		DC080P	01	DCERB0	01	1	TS8	B1		09A	CYC REG BYTE 2 IS
01079		XA336	59											DC080P	02	DC080P	00	1	TDD	JP		31B	
01080		XA341	53		XA336	61					16B	9		DC080Q	01	DSRM2TA	01	2	MUX	D1		26B	
01081		XA336	61		XA332	31					16B	9		DC080Q	02	DC080Q	00	1	TDD	JQ		32B	CYCLIC REG BIT 08
01082		XA332	31											DC080Q	03	DC080ER	01	1	EOR	C1		15B	
01083		XA327	18		XA336	57					16B	9		DC090P	01	DCERB0	01	2	TS8	B1		10A	
01084		XA336	57											DC090P	02	DC090P	00	1	TDD	KP		30B	

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	PREFIX	CONNECTOR	PIN	DRFC	PREFIX	CONNECTOR	PIN	DRFC	MULTI GROUP	CODE	COLOR	IDENT											
01085		XA341	59		XA336	55				16B	9		DC090Q	01	DSRM2TB	01	2	MUX	D2		30B		
01086		XA336	55		XA332	37				16B	9		DC090Q	02	DC090Q	00	1	TDD	KQ		29B	CYCLIC REG BIT 09	
01087		XA332	37										DC090Q	03	DCD09ER	01	1	EOR	C2		18B	SHIFT REG . CYCLIC	
01088		XA327	19		XA336	76				16B	9		DC100P	01	DCERB0	01	3	TS8	B1		09B		
01089		XA336	76										DC100P	02	DC100P	00	1	TDD	LP		37A		
01090		XA341	56		XA336	78				16B	9		DC100Q	01	DSRM2TC	01	2	MUX	D3		28B		
01091		XA336	78		XA332	40				16B	9		DC100Q	02	DC100Q	00	1	TDD	LQ		38A	CYCLIC REG BIT 10	
01092		XA332	40										DC100Q	03	DCD10ER	01	1	EOR	C3		19A		
01093		XA327	20		XA336	69				16B	9		DC110P	01	DCERB0	01	4	TS8	B1		11A		
01094		XA336	69										DC110P	02	DC110P	00	1	TDD	MP		35A		
01095		XA341	64		XA336	74				16B	9		DC110Q	01	DSRM2TD	01	2	MUX	D4		30A		
01096		XA336	74		XA332	34				16B	9		DC110Q	02	DC110Q	00	1	TDD	MQ		35B	CYCLIC REG BIT 11	
01097		XA332	34										DC110Q	03	DCD11ER	01	1	EOR	C4		16A	SHIFT REG .CYCLIC	
01098		XA327	22		XA335	11				16B	9		DC120P	01	DCERB0	01	5	TS8	B1		12A		
01099		XA335	11										DC120P	02	DC120P	00	1	TDD	AP		05B		
01100		XA341	71		XA332	43				16B	9		DC120Q	01	DSRM3TA	01	2	MUX	E1		33B		
01101		XA332	43		XA335	13				16B	9		DC120Q	02	DCD12ER	01	1	EOR	D1		23B		
01102		XA335	13										DC120Q	03	DC120Q	00	1	TDD	AQ		06B	CYCLIC REG BIT 12	
01103		XA327	24		XA335	09				16B	9		DC130P	01	DCERB0	01	6	TS8	B1		13A		
01104		XA335	09										DC130P	02	DC130P	00	1	TDD	BP		04B		
01105		XA341	77		XA332	49				16B	9		DC130Q	01	DSRM3TB	01	2	MUX	E2		36B		
01106		XA332	49		XA335	07				16B	9		DC130Q	02	DCD13ER	01	1	EOR	D2		26B		
01107		XA335	07										DC130Q	03	DC130Q	00	1	TDD	BQ		03A	CYCLIC REG BIT 13	
01108		XA327	25		XA335	23				16B	9		DC140P	01	DCERB0	01	7	TS8	B1		12B		
01109		XA335	23										DC140P	02	DC140P	00	1	TDD	CP		11B		
01110		XA341	72		XA332	54				16B	9		DC140Q	01	DSRM3TC	01	2	MUX	E3		35A		
01111		XA332	54		XA335	25				16B	9		DC140Q	02	DCD14ER	01	1	EOR	D3		25A	SHIFT REG . CYCLIC	
01112		XA335	25										DC140Q	03	DC140Q	00	1	TDD	CQ		12B	CYCLIC REG BIT 14	
01113		XA327	26		XA335	21				16B	9		DC150P	01	DCERB0	01	8	TS8	B1		14A		
01114		XA335	21										DC150P	02	DC150P	00	1	TDD	DP		10B		
01115		XA341	78		XA332	48				16B	9		DC150Q	01	DSRM3TD	01	2	MUX	E4		38A		
01116		XA332	48		XA335	19				16B	9		DC150Q	02	DCD15ER	01	1	EOR	D4		22A		
01117		XA335	19										DC150Q	03	DC150Q	00	1	TDD	DQ		09B	CYCLIC REG BIT 15	
01118		XA327	30		XA335	35				16B	9		DC160P	01	DCERCO	01	1	TS8	C1		15A	CYC REG BYTE 3 *S	
01119		XA335	35										DC160P	02	DC160P	00	1	TDD	EP		17B		

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	PREFIX	CONNECTOR	PIN	DRUG	PREFIX	CONNECTOR	PIN	DRUG	MULTI-GROUP	CODE	COLOR	IDENT											
01120		XA332	55		XA335	37				168	9		DC160Q	01	DCD16ER	01 1	EOR	E1		29B			
01121		XA335	37		XA340	53				168	9		DC160Q	02	DC160Q	00 1	TDD	EQ		18B	CYCLIC REG BIT 16		
01122		XA340	53										DC160Q	03	DSRM4TA	01 2	MUX	D1		26B			
01123		XA327	31		XA335	33				168	9		DC170P	01	DCERCO	01 2	TS8	C1		15B			
01124		XA335	33										DC170P	02	DC170P	00 1	TDD	FP		16B			
01125		XA335	31		XA332	63				168	9		DC170Q	01	DC170Q	00 1	TDD	EQ		15B	CYCLIC REG BIT 17		
01126		XA332	63		XA340	59				168	9		DC170Q	02	DCD17ER	01 1	EOR	E2		32B	SHIFT REG . CYCLIC		
01127		XA340	59										DC170Q	03	DSRM4TB	01 2	MUX	D2		30B			
01128		XA327	34		XA335	47				168	9		DC180P	01	DCERCO	01 3	TS8	C1		16A			
01129		XA335	47										DC180P	02	DC180P	00 1	TDD	GP		25B			
01130		XA332	66		XA335	49				168	9		DC180Q	01	DCD18ER	01 1	EOR	F3		32A			
01131		XA335	49		XA340	56				168	9		DC180Q	02	DC180Q	00 1	TDD	G0		26B	CYCLIC REG BIT 18		
01132		XA340	56										DC180Q	03	DSRM4TC	01 2	MUX	D3		28B			
01133		XA327	36		XA335	45				168	9		DC190P	01	DCERCO	01 4	TS8	C1		17A			
01134		XA335	45										DC190P	02	DC190P	00 1	TDD	HP		24B			
01135		XA340	64		XA332	60				168	9		DC190Q	01	DSRM4TD	01 2	MUX	D4		30A			
01136		XA332	60		XA335	43				168	9		DC190Q	02	DCD19ER	01 1	EOR	E4		29A			
01137		XA335	43										DC190Q	03	DC190Q	00 1	TDD	H0		23B	CYCLIC REG BIT 19		
01138		XA327	37		XA335	59				168	9		DC200P	01	DCERCO	01 5	TS8	C1		18B			
01139		XA335	59										DC200P	02	DC200P	00 1	TDD	JP		31B			
01140		XA332	71		XA335	61				168	9		DC200Q	01	DCD20ER	01 1	EOR	F1		35B	SHIFT REG . CYCLIC		
01141		XA335	61		XA340	71				168	9		DC200Q	02	DC200Q	00 1	TDD	J0		32B	CYCLIC REG BIT 20		
01142		XA340	71										DC200Q	03	DSRM5TA	01 2	MUX	E1		33B			
01143		XA327	38		XA335	57				168	9		DC210P	01	DCERCO	01 6	TS8	C1		18A			
01144		XA335	57										DC210P	02	DC210P	00 1	TDD	KP		30B			
01145		XA340	77		XA332	77				168	9		DC210Q	01	DSRM5TB	01 2	MUX	F2		36B			
01146		XA332	77		XA335	55				168	9		DC210Q	02	DCD21ER	01 1	EOR	F2		38B			
01147		XA335	55										DC210Q	03	DC210Q	00 1	TDD	K0		29B	CYCLIC REG BIT 21		
01148		XA327	40		XA335	76				168	9		DC220P	01	DCERCO	01 7	TS8	C1		19A			
01149		XA335	76										DC220P	02	DC220P	00 1	TDD	LP		37A			
01150		XA332	78		XA335	78				168	9		DC220Q	01	DCD22ER	01 1	EOR	F3		38A	SHIFT REG .CYCLIC		
01151		XA335	78		XA340	72				168	9		DC220Q	02	DC220Q	00 1	TDD	L0		38A	CYCLIC REG BIT 22		
01152		XA340	72										DC220Q	03	DSRM5TC	01 2	MUX	E3		35A			
01153		XA327	42		XA335	69				168	9		DC230P	01	DCERCO	01 8	TS8	C1		20A			
01154		XA335	69										DC230P	02	DC230P	00 1	TDD	MP		35A			

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	PREFIX	CONNECTOR	PIN	WIRE NO	PREFIX	CONNECTOR	PIN	WIRE NO	SH FID	MULTI GROUP	CODE	COLOR												IDENY
01155		XA332	72		XA335	74					16B	9		DC230Q	01	DCD23ER	01	1	EOR	F4		35A	CYCLIC REG BIT 23	
01156		XA335	74		XA340	78					16B	9		DC230Q	02	DC230Q	00	1	TDD	MQ		35B		
01157		XA340	78											DC230Q	03	DSRM5TD	01	2	MUX	E4		36A		
01158		XA327	43		XA334	11					16B	9		DC240P	01	DCERD0	01	1	TS8	D1		23B	CYC REG BYTE 4 *S	
01159		XA334	11											DC240P	02	DC240P	00	1	TDD	AP		05B		
01160		XA331	03		XA334	13					16B	9		DC240Q	01	DCD24ER	01	1	EOR	A1		03B	CYCLIC REG BIT 24	
01161		XA334	13		XA339	53					16B	9		DC240Q	02	DC240Q	00	1	TDD	AQ		06B		
01162		XA339	53											DC240Q	03	DSRM6TA	01	2	MUX	D1		26B		
01163		XA327	46		XA334	09					16B	9		DC250P	01	DCERD0	01	2	TS8	D1		21A		
01164		XA334	09											DC250P	02	DC250P	00	1	TDD	BP		04B		
01165		XA331	09		XA334	07					16B	9		DC250Q	01	DCD25ER	01	1	EOR	A2		06B	SHIFT REG - CYCLI	
01166		XA334	07		XA339	59					16B	9		DC250Q	02	DC250Q	00	1	TDD	B0		02A		
01167		XA339	59											DC250Q	03	DSRM6TB	01	2	MUX	D2		30B		
01168		XA327	48		XA334	23					16B	9		DC260P	01	DCERD0	01	3	TS8	D1		22A		
01169		XA334	23											DC260P	02	DC260P	00	1	TDD	CP		11B		
01170		XA331	14		XA334	25					16B	9		DC260Q	01	DCD26ER	01	1	EOR	A3		06A	CYCLIC REG BIT 26	
01171		XA334	25		XA339	56					16B	9		DC260Q	02	DC260Q	00	1	TDD	C0		12B		
01172		XA339	56											DC260Q	03	DSRM6TC	01	2	MUX	D3		28B		
01173		XA327	49		XA334	21					16B	9		DC270P	01	DCERD0	01	4	TS8	D1		26B		
01174		XA334	21											DC270P	02	DC270P	00	1	TDD	DP		10B		
01175		XA331	06		XA334	19					16B	9		DC270Q	01	DCD27ER	01	1	EOR	A4		03A	CYCLIC REG BIT 27	
01176		XA334	19		XA339	64					16B	9		DC270Q	02	DC270Q	00	1	TDD	D0		09B		
01177		XA339	64											DC270Q	03	DSRM6TD	01	2	MUX	D4		30A		
01178		XA327	50		XA334	35					16B	9		DC280P	01	DCERD0	01	5	TS8	D1		23A		
01179		XA334	35											DC280P	02	DC280P	00	1	TDD	EP		17B		
01180		XA331	17		XA334	37					16B	9		DC280Q	01	DCD28ER	01	1	EOR	B1		09B	SHIFT REG - CYCLI	
01181		XA334	37		XA339	71					16B	9		DC280Q	02	DC280Q	00	1	TDD	EQ		18B		
01182		XA339	71											DC280Q	03	DSRM7TA	01	2	MUX	E1		33B		
01183		XA327	52		XA334	33					16B	9		DC290P	01	DCERD0	01	6	TS8	D1		24A		
01184		XA334	33											DC290P	02	DC290P	00	1	TDD	FP		16B		
01185		XA331	23		XA334	31					16B	9		DC290Q	01	DCD29ER	01	1	EOR	B2		12B	CYCLIC REG BIT 29	
01186		XA334	31		XA339	77					16B	9		DC290Q	02	DC290Q	00	1	TDD	FQ		15B		
01187		XA339	77											DC290Q	03	DSRM7TB	01	2	MUX	E2		36B		
01188		XA327	54		XA334	47					16B	9		DC300P	01	DCERD0	01	7	TS8	D1		25A		
01189		XA334	47											DC300P	02	DC300P	00	1	TDD	GP		25B		

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	PREFIX	CONNECTOR	PIN	SPL. INST. MISC.	PREFIX	CONNECTOR	PIN	SPL. INST. MISC.	MULTI GROUP	CODE	COLOR	IDENT													
01190		XA331	26			XA334	49							DC300Q	01	DCD30ER	01	1	EOR	B3		13A	CYCLIC REG BIT 30		
01191		XA334	49			XA339	72							DC300Q	02	DC300Q	00	1	TDD	G0		26B			
01192		XA339	72											DC300Q	03	DSRM7TC	01	2	MUX	E3		35A			
01193		XA327	56			XA334	45							DC310P	01	DCERD0	01	8	TS8	D1		26A			
01194		XA334	45											DC310P	02	DC310P	00	1	TDD	HP		24B			
01195		XA331	20			XA334	43							DC310Q	01	DCD31ER	01	1	EOR	B4		10A	SHIFT REG . CYCLIC REG BIT 31		
01196		XA334	43			XA339	78							DC310Q	02	DC310Q	00	1	TDD	H0		23B			
01197		XA339	78											DC310Q	03	DSRM7TD	01	2	MUX	E4		38A			
11220		XA309	59			XA112	10							DDATHP	01	DDATHP	00	1	TDD	JP		31B		810	
07932		XA112	10											DDATHP	02	DRSC6A	01	3	TT3	A1		07A		810	
11222		XA309	61			XA212	79							DDATHQ	01	DDATHQ	00	1	TDD	JQ		32B		810	
03328		XA212	79											DDATHQ	02	DWEN4A	01	3	TT3	F1		39B		810	
07947		XA112	27			XA309	66							DDATIO	01	DDATIO	00	1	TT3	B3		13B		810	
11227		XA309	66											DDATIO	02	DDATHP	01	1	TDD	JP		31A		810	
01198		XA227	01			XA227	10							DDCKOA	01	DD010N	01	1	TDD	BN		02B			
01199		XA227	10			XA227	14							DDCKOA	02	DD000N	01	1	TDD	AN		07A			
01200		XA227	14			XA227	26							DDCKOA	03	DD030N	01	1	TDD	DN		09A			
01201		XA227	26			XA227	30							DDCKOA	04	DD020N	01	1	TDD	CN		14A			
01202		XA227	30			XA227	42							DDCKOA	05	DD050N	01	1	TDD	FN		15A			
01203		XA227	42			XA227	56							DDCKOA	06	DD040N	01	1	TDD	EN		20A			
01204		XA227	56			XA230	38							DDCKOA	07	DD060N	01	1	TDD	GN		26A			
01205		XA230	38											DDCKOA	08	DDCKOA	00	1	TQ2	C1		18A		CLK DATA REG BYTE	
01206		XA227	79			XA227	72							DDCK1A	01	DD100N	01	1	TDD	LN		39B			
01207		XA227	72			XA227	70							DDCK1A	02	DD110N	01	1	TDD	MN		34A			
01208		XA227	70			XA227	60							DDCK1A	03	DD080N	01	1	TDD	JN		33A			
01209		XA227	60			XA230	30							DDCK1A	04	DD090N	01	1	TDD	KN		28A			
01210		XA230	30			XA228	26							DDCK1A	05	DDCK1A	00	1	TQ2	C2		15A		CLK DATA REG BYTE	
01211		XA228	26			XA228	10							DDCK1A	06	DD140N	01	1	TDD	CN		14A			
01212		XA228	10			XA228	01							DDCK1A	07	DD120N	01	1	TDD	AN		07A			
01213		XA228	01											DDCK1A	08	DD130N	01	1	TDD	BN		02B			
01214		XA228	79			XA228	70							DDCK2A	01	DD220N	01	1	TDD	LN		39B			
01215		XA228	70			XA228	60							DDCK2A	02	DD200N	01	1	TDD	JN		33A			
01216		XA228	60			XA228	56							DDCK2A	03	DD210N	01	1	TDD	KN		28A			
01217		XA228	56			XA228	46							DDCK2A	04	DD180N	01	1	TDD	GN		26A			
01218		XA228	46			XA228	42							DDCK2A	05	DD190N	01	1	TDD	HN		21A			
01219		XA228	42			XA228	30							DDCK2A	06	DD160N	01	1	TDD	EN		20A			
01220		XA228	30			XA230	33							DDCK2A	07	DD170N	01	1	TDD	FN		15A			
01221		XA230	33											DDCK2A	08	DDCK2A	00	1	TQ2	C3		16B		CLK DATA REG BYTE	
01222		XA229	01			XA229	14							DDCK3A	01	DD240N	01	1	TDD	BN		02B			
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	PREFIX	CONNECTOR	PIN	SH FC	PREFIX	CONNECTOR	PIN	SH FC	MULTI GROUP	CODE	COLOR	IDENT													
01223		XA229	14		XA229	26				168	9			DDCK3A	02	DD260N	01	1	TDD	DN		09A			
01224		XA229	26		XA229	30				168	9			DDCK3A	03	DD250N	01	1	TDD	CN		14A			
01225		XA229	30		XA230	39				168	9			DDCK3A	04	DD280N	01	1	TDD	FN		15A			
01226		XA230	39		XA229	42				168	9			DDCK3A	05	DDCK3A	00	1	TQ2	C4		19B		CLK DATA REG BYTE	
01227		XA229	42		XA229	46				168	9			DDCK3A	06	DD270N	01	1	TDD	EN		20A			
01228		XA229	46		XA229	56				168	9			DDCK3A	07	DD300N	01	1	TDD	HN		21A			
01229		XA229	56											DDCK3A	08	DD290N	01	1	TDD	GN		26A			
01230		XA229	70		XA228	72				168	9			DDCK4A	01	DD310N	01	1	TDD	JN		33A			
01231		XA228	72		XA227	46				168	9			DDCK4A	02	DD230N	01	1	TDD	MN		34A			
01232		XA227	46		XA228	14				168	9			DDCK4A	03	DD070N	01	1	TDD	HN		21A			
01233		XA228	14		XA230	09				168	9			DDCK4A	04	DD150N	01	1	TDD	DN		09A			
01234		XA230	09											DDCK4A	05	DDCK4A	00	1	TQ2	A3		04B			
01235		XA227	04		XA227	06				168	9			DDCLOA	01	DD010P	01	1	TDD	BP		04A		RESET BIT 01	
01236		XA227	06		XA227	20				168	9			DDCLOA	02	DD000P	01	1	TDD	AP		05A		RESET BIT 00	
01237		XA227	20		XA227	22				168	9			DDCLOA	03	DD030P	01	1	TDD	DP		11A		RESET BIT 03	
01238		XA227	22		XA227	36				168	9			DDCLOA	04	DD020P	01	1	TDD	CP		12A		RESET BIT 02	
01239		XA227	36		XA227	38				168	9			DDCLOA	05	DD050P	01	1	TDD	FP		17A		RESET BIT 05	
01240		XA227	38		XA227	52				168	9			DDCLOA	06	DD040P	01	1	TDD	EP		18A		RESET BIT 04	
01241		XA227	52		XA337	13				168	9			DDCLOA	07	DD060P	01	1	TDD	GP		24A		RESET BIT 06	
01242		XA337	13											DDCLOA	08	DDCLOA	00	1	THI	A1		06A		INVERTER OUTPUT B	
01243		XA230	15		XA337	04				168	9			DDCLO0	01	DDCLO0	00	1	TQ2	A4		07B		CLEAR DATA REG	
01244		XA337	04		XA337	06				168	9			DDCLO0	02	DDCL2A	01	1	THI	A3		02A			
01245		XA337	06		XA337	05				168	9			DDCLO0	03	DDCL1A	01	1	THI	A2		05A			
01246		XA337	05		XA337	09				168	9			DDCLO0	04	DDCL3A	01	1	THI	A4		03B			
01247		XA337	09		XA337	11				168	9			DDCLO0	05	DDCL4A	01	1	THI	A5		05B			
01248		XA337	11											DDCLO0	06	DDCLOA	01	1	THI	A1		07A			
01249		XA228	04		XA228	06				168	9			DDCL1A	01	DD130P	01	1	TDD	BP		04A		RESET BIT 13	
01250		XA228	06		XA227	50				168	9			DDCL1A	02	DD120P	01	1	TDD	AP		05A		RESET BIT 12	
01251		XA227	50		XA227	64				168	9			DDCL1A	03	DD070P	01	1	TDD	HP		23A		RESET BIT 07	
01252		XA227	64		XA227	66				168	9			DDCL1A	04	DD090P	01	1	TDD	KP		30A		RESET BIT 09	
01253		XA227	66		XA227	73				168	9			DDCL1A	05	DD080P	01	1	TDD	JP		31A		RESET BIT 08	
01254		XA227	73		XA227	75				168	9			DDCL1A	06	DD110P	01	1	TDD	MP		36B		RESET BIT 11	
01255		XA227	75		XA337	08				168	9			DDCL1A	07	DD100P	01	1	TDD	LP		37B		RESET BIT 10	
01256		XA337	08											DDCL1A	08	DDCL1A	00	1	THI	A2		04A		INVERTER OUTPUT B	
01257		XA229	06		XA228	20				168	9			DDCL2A	01	DD090P	01	1	TDD	AP		05A			
01258		XA228	20		XA228	22				168	9			DDCL2A	02	DD150P	01	1	TDD	DP		11A		RESET BIT 15	
01259		XA228	22		XA228	36				168	9			DDCL2A	03	DD140P	01	1	TDD	CP		12A		RESET BIT 14	
01260		XA228	36		XA228	38				168	9			DDCL2A	04	DD170P	01	1	TDD	FP		17A		RESET BIT 17	
01261		XA228	38		XA228	50				168	9			DDCL2A	05	DD160P	01	1	TDD	EP		18A		RESET BIT 16	
01262		XA228	50		XA228	52				168	9			DDCL2A	06	DD190P	01	1	TDD	HP		23A		RESET BIT 19	
01263		XA228	52		XA337	03				168	9			DDCL2A	07	DD180P	01	1	TDD	GP		24A		RESET BIT 18	
01264		XA337	03											DDCL2A	08	DDCL2A	00	1	THI	A3		03A		INVERTER OUTPUT B	
01265		XA337	01		XA228	75				168	9			DDCL3A	01	DDCL3A	00	1	THI	A4		02B		INVERTER OUTPUT B	
01266		XA228	75		XA228	73				168	9			DDCL3A	02	DD220P	01	1	TDD	LP		37B		RESET BIT 22	
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	PREFIX	CONNECTOR	PIN	WIRE NO	PREFIX	CONNECTOR	PIN	WIRE NO	MULTI GROUP	CODE	COLOR	IDENT											
01267		XA228	73			XA228	66			168	9		DDCL3A	03	DD230P	01	1	TDD	MP		36B	RESET BIT 23	
01268		XA228	66			XA228	64			168	9		DDCL3A	04	DD200P	01	1	TDD	JP		31A	RESET BIT 20	
01269		XA228	64			XA229	22			168	9		DDCL3A	05	DD210P	01	1	TDD	KP		30A	RESET BIT 21	
01270		XA229	22			XA229	04			168	9		DDCL3A	06	DD250P	01	1	TDD	CP		12A	RESET BIT 25	
01271		XA229	04										DDCL3A	07	DD240P	01	1	TDD	BP		04A	RESET BIT 24	
01272		XA229	20			XA229	36			168	9		DDCL4A	01	DD260P	01	1	TDD	DP		11A	RESET BIT 26	
01273		XA229	36			XA229	38			168	9		DDCL4A	02	DD280P	01	1	TDD	FP		17A	RESET BIT 28	
01274		XA229	38			XA229	50			168	9		DDCL4A	03	DD270P	01	1	TDD	EP		18A	RESET BIT 27	
01275		XA229	50			XA229	52			168	9		DDCL4A	04	DD300P	01	1	TDD	HP		23A	RESET BIT 30	
01276		XA229	52			XA229	66			168	9		DDCL4A	05	DD290P	01	1	TDD	GP		24A	RESET BIT 29	
01277		XA229	66			XA337	07			168	9		DDCL4A	06	DD310P	01	1	TDD	JP		31A	RESET BIT 31	
01278		XA337	07										DDCL4A	07	DDCL4A	00	1	THI	A5		04B	INVERTER OUTPUT B	
10413		XA146	48			XA241	17			168	9		DDIA	01				MTS					804
01812		XA241	17										DDIA	02	DMAS1GX	01	2	ACF	B1		07A		804
12253		J01	L2			XA146	50			168	9		DDIFC	01				EX9					
10415		XA146	50										DDIFC	02				MTS					
12254		J01	L4			XA146	13			168	9		DDIFC	01				EX9					804
10382		XA146	13										DDIFC	02				MTS					804
01279		XA219	35			XA333	15			168	9		DDPECA	01	DMCY1A	01	2	TT3	C3		17B		809
00920		XA333	15										DDPECA	02	DDPECA	00	1	TQ2	A4		07B	READ . BIT 32	809
01281		XA209	08			XA226	42			168	9		DDPECPR	01	DMPE0I	01	1	TDD	AI		06A		
01282		XA226	42			XA333	11			168	9		DDPECPR	02	DDPECPR	00	1	PAR	C1		20A	PARITY CHECK ERROR	809
02975		XA333	11										DDPECPR	03	DDPECA	01	1	TQ2	A4		05B		809
01284		XA347	13			XA246	13			168	9		DDPOPPR	01	DYBOPX	01	1	DCF	A4		05B	BIT PARITY	
01285		XA246	13			XA226	56			168	9		DDPOPPR	02	DYAOPX	01	1	DCF	A4		05B	BIT PARITY	
01286		XA226	56										DDPOPPR	03	DDPOPPR	00	1	PAR	D1		26A	WORD PARITY BIT	
01287		XA225	13			XA226	31			168	9		DDP1CPR	01	DDP1CPR	00	1	PAR	A1		07A	CHECK PARITY BITS	
01288		XA226	31			XA226	43			168	9		DDP1CPR	02	DDPECPR	01	1	PAR	C1		15B		
01289		XA226	43										DDP1CPR	03	DDPOPPR	01	1	PAR	D1		23B		
01290		XA226	45			XA226	33			168	9		DDP2CPR	01	DDPOPPR	01	2	PAR	D1		24B		
01291		XA226	33			XA225	25			168	9		DDP2CPR	02	DDPECPR	01	2	PAR	C1		16B		
01292		XA225	25										DDP2CPR	03	DDP2CPR	00	1	PAR	B1		14A	CHECK PARITY BITS	
01293		XA226	35			XA225	42			168	9		DDP3CPR	01	DDPECPR	01	3	PAR	C1		17B		
01294		XA225	42			XA226	47			168	9		DDP3CPR	02	DDP3CPR	00	1	PAR	C1		20A	CHECK PARITY BITS	
01295		XA226	47										DDP3CPR	03	DDPOPPR	01	3	PAR	D1		25B		
01296		XA226	37			XA226	49			168	9		DDP4CPR	01	DDPECPR	01	4	PAR	C1		18B		
01297		XA226	49			XA225	56			168	9		DDP4CPR	02	DDPOPPR	01	4	PAR	D1		24B		
01298		XA225	56										DDP4CPR	03	DDP4CPR	00	1	PAR	D1		26A	CHECK PARITY BITS	
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	PREFIX	CONNECTOR	PIN	ORI	PREFIX	CONNECTOR	PIN	ORI	MULTI-GROUP	CODE	COLOR	IDENY											
01301		XA230	24		XA 230	23				16B	9			DDSY2A	01	DDSY20	01	1	TQ2	B1		13A	
01302		XA230	23		XA 230	17				16B	9			DDSY2A	02	DDSY50	01	1	TQ2	B4		11B	
01303		XA230	17		XA 230	18				16B	9			DDSY2A	03	DDSY40	01	1	TQ2	B3		08B	
01304		XA230	18		XA 231	06				16B	9			DDSY2A	04	DDSY30	01	1	TQ2	B2		10A	
01305		XA231	06											DDSY2A	05	DDSY2A	00	1	TQ2	A1		05A	2ND SYNC
01300		XA229	10		XA 231	07				16B	9			DDSY2B	01	DD0P0N	01	1	TDD	AN		07A	
01307		XA231	07		XA 230	14				16B	9			DDSY2B	02	DD24QA	01	2	TQ2	A3		03A	
01308		XA230	14		XA 231	13				16B	9		P	DDSY30	03	DDSY2B	02	1	TQ2	B2		09A	
01309		XA231	13		XA 231	20				16B	9			DDSY2B	04	DD25QA	01	2	TQ2	A4		06B	
01310		XA231	20		XA 231	19				16B	9			DDSY2B	05	DD27QA	01	2	TQ2	B2		11A	
01311		XA231	19		XA 230	27				16B	9			DDSY2B	06	DD28QA	01	2	TQ2	B3		09B	
01312		XA230	27		XA 230	21				16B	9		P	DDSY50	07	DDSY2B	04	1	TQ2	B4		13B	
01313		XA230	21		XA 230	22				16B	9		P	DDSY40	08	DDSY2B	03	1	TQ2	B3		10B	
01314		XA230	22		XA 231	25				16B	9		P	DDSY20	09	DDSY2B	01	1	TQ2	B1		12A	
01315		XA231	25		XA 231	26				16B	9			DDSY2B	10	DD29QA	01	2	TQ2	B4		12B	
01316		XA231	26		XA 231	36				16B	9			DDSY2B	11	DD26QA	01	2	TQ2	B1		14A	
01317		XA231	36		XA 231	42				16B	9			DDSY2B	12	DD31QA	01	2	TQ2	C2		17A	
01318		XA231	42		XA 338	10				16B	9			DDSY2B	13	DD30QA	01	2	TQ2	C1		20A	
01319		XA338	10		XA 338	05				16B	9			DDSY2B	14	DD00QA	01	2	TQ2	A1		07A	
01320		XA338	05		XA 338	07				16B	9			DDSY2B	15	DD01QA	01	2	TQ2	A2		03B	
01321		XA338	07		XA 338	13				16B	9			DDSY2B	16	DD02QA	01	2	TQ2	A3		03A	
01322		XA338	13		XA 338	19				16B	9			DDSY2B	17	DD03QA	01	2	TQ2	A4		06B	
01323		XA338	19		XA 338	20				16B	9			DDSY2B	18	DD06QA	01	2	TQ2	B3		09B	
01324		XA338	20		XA 338	26				16B	9			DDSY2B	19	DD05QA	01	2	TQ2	B2		11A	
01325		XA338	26		XA 338	25				16B	9			DDSY2B	20	DD04QA	01	2	TQ2	B1		14A	
01326		XA338	25		XA 338	31				16B	9			DDSY2B	21	DD07QA	01	2	TQ2	B4		12B	
01327		XA338	31		XA 338	37				16B	9			DDSY2B	22	DD10QA	01	2	TQ2	C3		15B	
01328		XA338	37		XA 338	36				16B	9			DDSY2B	23	DD11QA	01	2	TQ2	C4		18B	
01329		XA338	36		XA 338	42				16B	9			DDSY2B	24	DD09QA	01	2	TQ2	C2		17A	
01330		XA338	42		XA 338	43				16B	9			DDSY2B	25	DD08QA	01	2	TQ2	C1		20A	
01331		XA338	43		XA 338	49				16B	9			DDSY2B	26	DD14QA	01	2	TQ2	D3		23B	
01332		XA338	49		XA 338	50				16B	9			DDSY2B	27	DD15QA	01	2	TQ2	D4		26B	
01333		XA338	50		XA 338	56				16B	9			DDSY2B	28	DD13QA	01	2	TQ2	D2		23A	
01334		XA338	56		XA 338	55				16B	9			DDSY2B	29	DD12QA	01	2	TQ2	D1		26A	
01335		XA338	55		XA 338	61				16B	9			DDSY2B	30	DD18QA	01	2	TQ2	E3		29B	
01336		XA338	61		XA 338	64				16B	9			DDSY2B	31	DD19QA	01	2	TQ2	E4		32B	
01337		XA338	64		XA 338	70				16B	9			DDSY2B	32	DD17QA	01	2	TQ2	E2		30A	
01338		XA338	70		XA 338	74				16B	9			DDSY2B	33	DD16QA	01	2	TQ2	E1		33A	
01339		XA338	74		XA 338	78				16B	9			DDSY2B	34	DD22QA	01	2	TQ2	F3		35B	
01340		XA338	78		XA 338	79				16B	9			DDSY2B	35	DD23QA	01	2	TQ2	F4		38A	
01341		XA338	79		XA 338	73				16B	9			DDSY2B	36	DD20QA	01	2	TQ2	F1		39B	
01342		XA338	73										K	DDSY2B	37	DD21QA	01	2	TQ2	F2		36B	
58491		XA338	73	3	XA 229	10		3		16B	9			DDSY2B	38	DD21QA			TQ2	F2		36B	
58492		XA229	10											DDSY2B	39	DD0P0N			TDD	AN		07A	
01343		XA230	22										J	DDSY20	01	DDSY20	00	1	TQ2	B1		12A	DDSY2B BUSS
01344		XA230	14										J	DDSY30	01	DDSY30	00	1	TQ2	B2		09A	DDSY2B BUSS
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	PREFIX	CONNECTOR	PIN	DR	PREFIX	CONNECTOR	PIN	DR	MULTI GROUP	CODE	COLOR	IDENT													
01345		XA230	21										J	DDSY40	01	DDSY40	00	1	TQ2	B3		10B	DDSY2B BUSS		
01346		XA230	27										J	DDSY50	01	DDSY50	00	1	TQ2	B4		13B	DDSY2B BUSS		
01347		XA232	08		XA229	13				16B	9			DDOP0Q	01	DBOP0I	01	1	TDD	AI		06A	RECV'D DATA PART		
01348		XA229	13		XA226	39				16B	9			DDOP0Q	02	DDOP0Q	00	1	TDD	AQ		06B			
01533		XA226	39											DDOP0Q	03	DDPECP	02	1	PAR	C1		19B			
01349		XA240	04		XA246	08				16B	9			DD00A1X	01	DD00A1X	00	1	MUX	A1		02A	8 TO 1 MUX INPUTS		
01350		XA246	08		XA347	08				16B	9			DD00A1X	02	DYA000X	01	1	DCF	A6		06A			
01351		XA347	08											DD00A1X	03	DYB000X	01	1	DCF	A6		06A			
01352		XA338	08		XA240	55				16B	9			DD00CTA	01	DD00QA	00	1	TQ2	A1		06A	SYNC 2 BIT 00 RECEIVERS A AND B		
01353		XA240	55											DD00CTA	02	DD00CTA	00	1	MUX	D1		27B			
01354		XA240	61		XA338	04				16B	9			DD00CTB	01	DD00CTB	00	1	MUX	D2		31B	RECEIVERS A AND B SYNC 2 BIT 01		
01355		XA338	04											DD00CTB	02	DD01QA	01	1	TQ2	A2		04A			
01356		XA338	03		XA240	60				16B	9			DD00CTC	01	DD02QA	01	1	TQ2	A3		02A	SYNC 2 BIT 02 RECEIVERS A AND B		
01357		XA240	60											DD00CTC	02	DD00CTC	00	1	MUX	D3		28A			
01358		XA240	63		XA338	11				16B	9			DD00CTD	01	DD00CTD	00	1	MUX	D4		31A	RECEIVERS A AND B SYNC 2 BIT 03		
01359		XA338	11											DD00CTD	02	DD03QA	01	1	TQ2	A4		05B			
01360		XA227	15		XA338	06				16B	9			DD00QA	01	DD000Q	01	1	TDD	AQ		07B	PRESET INPUT - ME		
01361		XA338	06											DD00QA	02	DD00QA	00	1	TQ2	A1		05A			
01362		XA244	72		XA245	72				16B	9			DD00SA	01	DYA30DX	401	1	DCF	D1		36A	BIT 30		
01363		XA245	72		XA246	72				16B	9			DD00SA	02	DYA26DX	401	1	DCF	D1		36A	BIT 26		
01364		XA246	72		XA246	52				16B	9			DD00SA	03	DYA10DX	401	1	DCF	D1		36A	BIT 10		
01365		XA246	52		XA245	52				16B	9			DD00SA	04	DYA06DX	401	1	DCF	C1		29A	BIT 06		
01366		XA245	52		XA245	36				16B	9			DD00SA	05	DYA22DX	401	1	DCF	C1		29A	BIT 22		
01367		XA245	36		XA246	36				16B	9			DD00SA	06	DYA18DX	401	1	DCF	B1		13A	BIT 18		
01368		XA246	36		XA246	06				16B	9			DD00SA	07	DYA02DX	401	1	DCF	R1		13A	BIT 02		
01369		XA246	06		XA245	06				16B	9			DD00SA	08	DYAACDX	401	1	DCF	A1		05A	BIT 14		
01370		XA245	06		XA230	06				16B	9			DD00SA	09	DYA14DX	401	1	DCF	A1		05A			
01371		XA230	06											DD00SA	10	DD00SA	00	1	TQ2	A1		05A	STROBE COMP A		
01372		XA216	75		XA227	11				16B	9			DD000P	01	DMBL2IU	01	3	DBC	E1		35B	CLEAR FOR MEM COU		
01373		XA227	11											DD000P	02	DD000P	00	1	TDD	AP		05B			
01374		XA208	34		XA225	03				16B	9			DD000Q	01	DRCC0I	01	1	TDD	FI		16A	PRESET FOR WRITE		
01375		XA225	03		XA227	13				16B	9			DD000Q	02	DDP1CPR	01	1	PAR	A1		03B			
01376		XA227	13		XA240	18				16B	9			DD000Q	03	DD000Q	00	1	TDD	AQ		06B			
01377		XA240	18		XA237	69				16B	9			DD000Q	04	DD00A1X	01	7	MUX	A1		09A			
01378		XA237	69											DD000Q	05	DBIS0TA	01	1	MUX	E1		32A			
01379		XA347	04		XA246	04				16B	9			DD01A1X	01	DYB010X	01	1	DCF	A8		04A	DATA BIT 0 + MEM		
01380		XA246	04		XA240	20				16B	9			DD01A1X	02	DYA010X	01	1	DCF	A8		04A			
01381		XA240	20											DD01A1X	03	DD01A1X	00	1	MUX	B1		10A			

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	PREFIX	CONNECTOR	PIN	IFCU	PREFIX	CONNECTOR	PIN	IFCU	MULTI GROUP	CODE	COLOR	IDENT													
01382 01383		XA338 XA240	24 73			XA240 73					16B	9		DD01CTA DD01CTA	01 02	DD04QA DD01CTA	01 00	1 1	TQ2 MUX	B1 E1		13A 34B	SYNC 2 BIT 04 RECEIVERS A AND B		
01384 01385		XA240 XA338	79 18			XA338 18					16B	9		DD01CTB DD01CTB	01 02	DD01CTB DD05QA	00 01	1 1	MUX TQ2	E2 B2		37B 10A	RECEIVERS A AND B SYNC 2 BIT 05		
01386 01387		XA338 XA240	17 74			XA240 74					16B	9		DD01CTC DD01CTC	01 02	DD06QA DD01CTC	01 00	1 1	TQ2 MUX	B3 E3		08B 36A	SYNC 2 BIT 06 RECEIVERS A AND B		
01388 01389		XA240 XA338	80 23			XA338 23					16B	9		DD01CTD DD01CTD	01 02	DD01CTD DD07QA	00 01	1 1	MUX TQ2	F4 B4		38B 11B	RECEIVERS A AND B SYNC 2 BIT 07		
01390 01391		XA227 XA338	03 01			XA338 01					16B	9		DD01QA DD01QA	01 02	DD010Q DD01QA	01 00	1 1	TDD TQ2	B0 A2		02A 02B	PRESET INPUT - ME		
01392 01393 01394 01395 01396 01397 01398 01399 01400 01401		XA346 XA347 XA347 XA346 XA346 XA347 XA347 XA346 XA345 XA345 XA230	72 72 52 52 36 36 06 06 06 01			XA347 XA347 XA346 XA347 XA347 XA346 XA345 XA230					16B	9		DD01SA DD01SA DD01SA DD01SA DD01SA DD01SA DD01SA DD01SA DD01SA DD01SA	01 02 03 04 05 06 07 08 09 10	DYB26DX401 DYB10DX401 DYB06DX401 DYB22DX401 DYB18DX401 DYB02DX401 DYBACDX401 DYB14DX401 DYB30DX401 DD01SA	01 01 01 01 01 01 01 01 01 00	1 1 1 1 1 1 1 1 1 1	DCF DCF DCF DCF DCF DCF DCF DCF DCF TQ2	D1 D1 C1 C1 B1 A1 A1 A1 A1 A2		36A 36A 29A 29A 13A 13A 05A 05A 02B	BIT 26 BIT 10 BIT 06 BIT 22 BIT 18 BIT 02 BIT 14 BIT 30 STROBE COMP B		
01402 01403		XA216 XA227	73 09			XA227 09					16B	9		DD010P DD010P	01 02	DMBL21U DD010P	01 00	2 1	DBC TDD	E1 BP		34B 04B	CLEAR FOR MEM COU		
01404 01405 01406 07333 01408		XA209 XA225 XA227 XA240 XA237	62 05 07 34 75			XA225 XA227 XA240 XA237					16B	9		DD010Q DD010Q DD010Q DD010Q DD010Q	01 02 03 04 05	DRIGE1 DDP1CPR DD010Q DD01A1X DBISQTB	01 01 00 01 01	1 2 1 7 1	TDD PAR TDD MUX MUX	KT A1 B0 B1 E2		29A 04B 03A 15B 35B	PRESET FOR WRITE		
01409 01410 01411		XA347 XA246 XA240	31 31 36			XA246 XA240					16B	9		DD02A1X DD02A1X DD02A1X	01 02 03	DYB020X DYA020X DD02A1X	01 01 00	1 1 1	DCF DCF MUX	B2 B2 C1		12B 12B 17A	BIT 02 BIT 02 8 TO 1 MUX INPUTS		
01412 01413		XA338 XA343	40 55			XA343 55					16B	9		DD02CTA DD02CTA	01 02	DD08QA DD02CTA	01 00	1 1	TQ2 MUX	C1 D1		19A 27B	SYNC 2 BIT 08 RECEIVERS A AND B		
01414 01415		XA343 XA338	61 34			XA338 34					16B	9		DD02CTB DD02CTB	01 02	DD02CTB DD09QA	00 01	1 1	MUX TQ2	D2 C2		31B 16A	RECEIVERS A AND B SYNC 2 BIT 09		
01416 01417		XA338 XA343	29 60			XA343 60					16B	9		DD02CTC DD02CTC	01 02	DD10QA DD02CTC	01 00	1 1	TQ2 MUX	C3 D3		14B 28A	SYNC 2 BIT 10 RECEIVERS A AND B		
											****		SIGNAL	DD02CTD		IS ON THE						****			

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	PREFIX	CONNECTOR	PIN	SH TO	PREFIX	CONNECTOR	PIN	SH TO	MULTI GROUP	CODE	COLOR	IDENT											
01418		XA343	63			XA338	35						DD02CTD	01	DD02CTD	00	1	MUX	D4		31A	RECEIVERS A AND B	
01419		XA338	35							16B	9		DD02CTD	02	DD11QA	01	1	TQ2	C4		17B	SYNC 2 BIT 11	
01420		XA227	27			XA338	09			16B	9		DD02QA	01	DD020Q	01	1	TDD	CQ		13B		
01421		XA338	09										DD02QA	02	DD02QA	00	1	TQ2	A3		04B	PRESET INPUT - ME	
01422		XA216	71			XA227	23			16B	9		DD020P	01	DM8L21U	01	1	DBC	E1		33B		
01423		XA227	23										DD020P	02	DD020P	00	1	TDD	CP		11B	CLEAR FOR MEM COU	
01424		XA206	45			XA225	07			16B	9		DD020Q	01	DRCMF1U	01	4	DBC	C1		23B		
01425		XA225	07			XA227	25			16B	9		DD020Q	02	DDP1CPR	01	3	PAR	A1		05B		
01426		XA227	25			XA240	47			16B	9		DD020Q	03	DD020Q	00	1	TDD	CQ		12B	PRESET FOR WRITE	
07331		XA240	47			XA237	70			16B	9		DD020Q	04	DD02A1X	01	7	MUX	C1		23A		
01428		XA237	70										DD020Q	05	DBTS0TC	01	1	MUX	E3		34A		
01429		XA347	33			XA343	04			16B	9		DD03A1X	01	DY8030X	01	1	DCF	B4		13B	BIT 03	
01430		XA343	04			XA246	33			16B	9		DD03A1X	02	DD03A1X	00	1	MUX	A1		02A	8 TO 1 MUX INPUTS	
01431		XA246	33										DD03A1X	03	DYA030X	01	1	DCF	B4		13B	BIT 03	
01432		XA338	54			XA343	73			16B	9		DD03CTA	01	DD12QA	01	1	TQ2	D1		25A	SYNC 2 BIT 12	
01433		XA343	73										DD03CTA	02	DD03CTA	00	1	MUX	E1		34B	RECEIVERS A AND B	
01434		XA343	79			XA338	48			16B	9		DD03CTB	01	DD03CTB	00	1	MUX	E2		37B	RECEIVERS A AND B	
01435		XA338	48										DD03CTB	02	DD13QA	01	1	TQ2	D2		22A	SYNC 2 BIT 13	
01436		XA338	41			XA343	74			16B	9		DD03CTC	01	DD14QA	01	1	TQ2	D3		22B	SYNC 2 BIT 14	
01437		XA343	74										DD03CTC	02	DD03CTC	00	1	MUX	E3		36A	RECEIVERS A AND B	
01438		XA343	80			XA338	47			16B	9		DD03CTD	01	DD03CTD	00	1	MUX	E4		38B	RECEIVERS A AND B	
01439		XA338	47										DD03CTD	02	DD15QA	01	1	TQ2	D4		25B	SYNC 2 BIT 15	
01440		XA227	17			XA338	15			16B	9		DD03QA	01	DD030Q	01	1	TDD	DQ		08B		
01441		XA338	15										DD03QA	02	DD03QA	00	1	TQ2	A4		07B	PRESET INPUT - ME	
01442		XA220	77			XA227	21			16B	9		DD030P	01	DM8L11U	01	4	DBC	E1		36B		
01443		XA227	21										DD030P	02	DD030P	00	1	TDD	DP		10B	CLEAR FOR MEM COU	
01444		XA206	43			XA225	09			16B	9		DD030Q	01	DRCMF1U	01	3	DBC	C1		22B		
01445		XA225	09			XA227	19			16B	9		DD030Q	02	DDP1CPR	01	4	PAR	A1		06B		
01446		XA227	19			XA237	76			16B	9		DD030Q	03	DD030Q	00	1	TDD	DQ		09B	PRESET FOR WRITE	
01447		XA237	76			XA343	18			16B	9		DD030Q	04	DBIS0TD	01	1	MUX	E4		37A		
07763		XA343	18										DD030Q	05	DD03A1X	01	7	MUX	A1		09A		
01449		XA347	38			XA343	20			16B	9		DD04A1X	01	DY8040X	01	1	DCF	B6		14A	BIT 04	
01450		XA343	20			XA246	38			16B	9		DD04A1X	02	DD04A1X	00	1	MUX	B1		10A	8 TO 1 MUX INPUTS	
01451		XA246	38										DD04A1X	03	DYA040X	01	1	DCF	B6		14A	BIT 04	
01452		XA338	68			XA239	55			16B	9		DD04CTA	01	DD16QA	01	1	TQ2	E1		32A	SYNC 2 BIT 16	
01453		XA239	55										DD04CTA	02	DD04CTA	00	1	MUX	D1		27B	RECEIVERS A AND B	
												****	SIGNAL	DD04CTB		IS ON THE	NEXT PAGE	****					

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	PREFIX	CONNECTOR	PIN	DI FC	PREFIX	CONNECTOR	PIN	DI FC	MULTI GROUP	CODE	COLOR	IDENTY											
01454 01455	XA239 XA338	61 62			XA338	62				16B	9		DD04CTB DD04CTB	01 02	DD04CTB DD17QA	00 01	1 1	MUX TQ2	D2 E2	31B 29A	RECEIVERS A AND B SYNC 2 BIT 17		
01456 01457	XA338 XA239	53 60			XA239	60				16B	9		DD04CTC DD04CTC	01 02	DD18QA DD04CTC	01 00	1 1	TQ2 MUX	E3 D3	28B 28A	SYNC 2 BIT 18 RECEIVERS A AND B		
01458 01459	XA239 XA338	63 59			XA338	59				16B	9		DD04CTD DD04CTD	01 02	DD04CTD DD19QA	00 01	1 1	MUX TQ2	D4 E4	31A 31B	RECEIVERS A AND B SYNC 2 BIT 19		
01460 01461	XA227 XA338	39 22			XA338	22				16B	9		DD04QA DD04QA	01 02	DD040Q DD040A	00 01	1 1	TDD TQ2	E0 B1	19B 12A	PRESET INPUT - ME		
01462 01463	XA220 XA227	75 35			XA227	35				16B	9		DD040P DD040P	01 02	DMB111U DD040P	01 00	3 1	DBC TDD	E1 EP	35B 17B	CLEAR FOR MEM COU		
01464 01465 01466	XA206 XA225 XA227	41 10 37			XA225 XA227 XA236	10 37 51				16B	9		DD040Q DD040Q DD040Q	01 02 03	DRCME1U DDP1CPR DD040Q	01 01 00	2 5 1	DBC PAR TDD	C1 A1 E0	19B 05A 18B	PRESET FOR WRITE		
01467 07750	XA236 XA343	51 34			XA343	34				16B	9		DD040Q DD040Q	04 05	DBS1TA DD04A1X	01 01	1 7	MUX MUX	D1 B1	25B 15B			
01469 01470 01471	XA246 XA347 XA343	34 34 36			XA347 XA343	34 36				16B	9		DD05A1X DD05A1X DD05A1X	01 02 03	DYA050X DYB050X DD05A1X	01 01 00	1 1 1	DCF DCF MUX	B8 B8 C1	12A 12A 17A	BIT 05 BIT 05 8 TO 1 MUX INPUTS		
01472 01473	XA338 XA239	77 73			XA239	73				16B	9		DD05CTA DD05CTA	01 02	DD20QA DD05CTA	01 00	1 1	TQ2 MUX	F1 E1	38B 34B	SYNC 2 BIT 20 RECEIVERS A AND B		
01474 01475	XA239 XA338	79 71			XA338	71				16B	9		DD05CTB DD05CTB	01 02	DD05CTB DD21QA	00 01	1 1	MUX TQ2	E2 F2	37B 36A	RECEIVERS A AND B SYNC 2 BIT 21		
01476 01477	XA338 XA239	65 74			XA239	74				16B	9		DD05CTC DD05CTC	01 02	DD22QA DD05CTC	01 00	1 1	TQ2 MUX	E3 E3	34B 36A	SYNC 2 BIT 22 RECEIVERS A AND B		
01478 01479	XA239 XA338	80 76			XA338	76				16B	9		DD05CTD DD05CTD	01 02	DD05CTD DD23QA	00 01	1 1	MUX TQ2	E4 F4	38B 37A	RECEIVERS A AND B SYNC 2 BIT 23		
01480 01481	XA227 XA338	29 14			XA338	14				16B	9		DD05QA DD05QA	01 02	DD050Q DD050A	01 00	1 1	TDD TQ2	F0 B2	14B 09A	PRESET INPUT - ME		
01482 01483	XA220 XA227	73 33			XA227	33				16B	9		DD050P DD050P	01 02	DMB111U DD050P	01 00	2 1	DBC TDD	E1 EP	34B 16B	CLEAR FOR MEM COU		
01484 01485 01486 01487 07500	XA206 XA225 XA227 XA236 XA343	39 08 31 57 47			XA225 XA227 XA236 XA343	08 31 57 47				16B	9		DD050Q DD050Q DD050Q DD050Q DD050Q	01 02 03 04 05	DRCME1U DDP1CPR DD050Q DBS1TB DD05A1X	01 01 00 01 01	1 6 1 1 7	DBC PAR TDD MUX MUX	C1 A1 E0 D2 C1	18B 04A 15B 29B 23A	PRESET FOR WRITE		
01489	XA239	04			XA246	49				16B	9		DD06A1X	01	DD06A1X	00	1	MUX	A1	02A	8 TO 1 MUX INPUTS		
												****	SIGNAL	DD06A1X		IS ON THE	NEXT PAGE	****					

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	PREFIX	CONNECTOR	PIN	ORIGIN	PREFIX	CONNECTOR	PIN	ORIGIN	MULTI-GROUP	CODE	COLOR	IDENT											
01490 01491		XA246 XA347	49 49			XA347 49				16B	9		DD06A1X DD06A1X	02 03	DYA060X DYB060X	01 01	1 1	DCF DCF	C2 C2		27B 27B	BIT 06 BIT 06	
01492 01493		XA231 XA238	03 55			XA238 55				16B	9		DD06CTA DD06CTA	01 02	DD240A DD06CTA	01 00	1 1	TQ2 MUX	A3 D1		02A 27B	SYNC 2 BIT 24 RECEIVERS A AND B	
01494 01495		XA238 XA231	61 11			XA231 11				16B	9		DD06CTB DD06CTB	01 02	DD06CTB DD250A	00 01	1 1	MUX TQ2	D2 A4		31B 05B	RECEIVERS A AND B SYNC 2 BIT 25	
01496 01497		XA231 XA238	24 60			XA238 60				16B	9		DD06CTC DD06CTC	01 02	DD260A DD06CTC	01 00	1 1	TQ2 MUX	B1 D3		13A 28A	SYNC 2 BIT 26 RECEIVERS A AND B	
01498 01499		XA238 XA231	63 18			XA231 18				16B	9		DD06CTD DD06CTD	01 02	DD06CTD DD270A	00 01	1 1	MUX TQ2	D4 R2		31A 10A	RECEIVERS A AND B SYNC 2 BIT 27	
01500 01501		XA227 XA338	51 21			XA338 21				16B	9		DD06QA DD06QA	01 02	DD060Q DD06QA	01 00	1 1	TDD TQ2	G0 B3		27B 10B	PRESET INPUT - ME	
01508 01502 01503		XA206 XA220 XA227	59 71 47			XA220 XA227 47				16B 16B	9 9		DD060P DD060P DD060P	005 01 02	DRE0B1U DMB111U DD060P	01 01 00	4 1 1	DBC DBC TDD	D1 E1 GP		30B 33B 25B	CLEAR FOR MEM COU	
01504 06979		XA236 XA239	54 18			XA239 XA225 06				16B 16B	9 9		DD060Q DD060Q	01 02	DBIS1TC DD06A1X	01 01	1 7	MUX MUX	D3 A1		26A 09A		
01506 01507		XA225 XA227	06 49			XA227 49				16B	9		DD060Q DD060Q	03 04	DDP1CPR DD060Q	01 00	7 1	PAR TDD	A1 G0		03A 26B	PRESET FOR WRITE	
01509 01510 01511		XA347 XA246 XA239	51 51 20			XA246 XA239 20				16B 16B	9 9		DD07A1X DD07A1X DD07A1X	01 02 03	DYB070X DYA070X DD07A1X	01 01 00	1 1 1	DCF DCF MUX	C4 C4 B1		28B 28B 10A	BIT 07 BIT 07 8 TO 1 MUX INPUTS	
01512 01513		XA231 XA238	17 73			XA238 73				16B	9		DD07CTA DD07CTA	01 02	DD280A DD07CTA	01 00	1 1	TQ2 MUX	B3 E1		08B 34B	SYNC 2 BIT 28 RECEIVERS A AND B	
01514 01515		XA238 XA231	79 23			XA231 23				16B	9		DD07CTB DD07CTB	01 02	DD07CTB DD290A	00 01	1 1	MUX TQ2	E2 B4		37B 11B	RECEIVERS A AND B SYNC 2 BIT 29	
01516 01517		XA231 XA238	40 74			XA238 74				16B	9		DD07CTC DD07CTC	01 02	DD300A DD07CTC	01 00	1 1	TQ2 MUX	C1 E3		19A 36A	SYNC 2 BIT 30 RECEIVERS A AND B	
01518 01519		XA238 XA231	80 34			XA231 34				16B	9		DD07CTD DD07CTD	01 02	DD07CTD DD310A	00 01	1 1	MUX TQ2	E4 C2		38B 16A	RECEIVERS A AND B SYNC 2 BIT 31	
01520 01521		XA227 XA338	41 27			XA338 27				16B	9		DD07QA DD07QA	01 02	DD070Q DD07QA	01 00	1 1	TDD TQ2	HQ B4		22B 13B	PRESET INPUT - ME	
01524 01522 01523		XA206 XA221 XA227	57 77 45			XA221 XA227 45				16B 16B	9 9		DD070P DD070P DD070P	005 01 02	DRE0B1U DMB101U DD070P	01 01 00	3 4 1	DBC DBC TDD	D1 E1 HP		29B 36B 24B	CLEAR FOR MEM COU	
												****	SIGNAL	DD070Q	IS ON THE NEXT PAGE				****				

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149017-800
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RECORD NUMBER	FROM			BR/C	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	BR/C	MULTI GROUP	CODE	COLOR											
01525		XA225	04		XA227	43			168	9		DD070Q	02	DDP1CPR	01	8	PAR	A1	02A			
01526		XA227	43		XA236	62			168	9		DD070Q	03	DD070Q	00	1	TDD	HQ	23B	PRESET FOR WRITE		
01527		XA236	62		XA239	34			168	9		DD070Q	04	DBIS1TD	01	1	MUX	D4	29A			
07332		XA239	34									DD070Q	05	DD07A1X	01	7	MUX	B1	15B			
01529		XA347	54		XA246	54			168	9		DD08A1X	01	DYB080X	01	1	DCF	C6	30A	BIT 08		
01530		XA246	54		XA239	36			168	9		DD08A1X	02	DYA080X	01	1	DCF	C6	30A	BIT 08		
01531		XA239	36									DD08A1X	03	DD08A1X	00	1	MUX	C1	17A	8 TO 1 MUX INPUTS		
01532		XA229	08		XA237	55			168	9		DD08CTA	01	DD0P0I	01	1	TDD	AI	06A			
01534		XA237	55									DD08CTA	03	DD08CTA	00	1	MUX	D1	27B	RECEIVERS A AND B		
01535		XA237	61		XA231	08			168	9		DD08CTB	01	DD08CTB	00	1	MUX	D2	31B	SYN2 FROM SEL MEM	B05	
01537		XA231	08		XA106	29			168	9		DD08CTB	03	DDSY2A	01	1	TQ2	A1	06A		B05	
03713		XA106	29									DD08CTB	04	DSYN2A	01	1	TQ2	C3	14B		B05	
01539		XA227	63		XA338	38			168	9		DD08QA	01	DD080Q	01	1	TDD	JQ	33B			
01540		XA338	38									DD08QA	02	DD08QA	00	1	TQ2	C1	18A	PRESET INPUT - ME		
01543		XA206	55		XA221	75			168	9		DD080P	005	DRE0B1U	01	2	DBC	D1	27B			
01541		XA221	75		XA227	59			168	9		DD080P	01	DMBLO1U	01	3	DBC	E1	35B			
01542		XA227	59									DD080P	02	DD080P	00	1	TDD	JP	31B	CLEAR FOR MEM COU		
01544		XA225	17		XA227	61			168	9		DD080Q	02	DDP2CPR	01	1	PAR	B1	09B			
01545		XA227	61		XA236	69			168	9		DD080Q	03	DD080Q	00	1	TDD	JQ	32B	PRESET FOR WRITE		
01546		XA236	69		XA239	47			168	9		DD080Q	04	DBIS2TA	01	1	MUX	E1	32A			
07364		XA239	47									DD080Q	05	DD08A1X	01	7	MUX	C1	23A			
01548		XA246	50		XA342	04			168	9		DD09A1X	01	DYA090X	01	1	DCF	C8	28A	BIT 09		
01549		XA342	04		XA347	50			168	9		DD09A1X	02	DD09A1X	00	1	MUX	A1	02A	8 TO 1 MUX INPUTS		
01550		XA347	50									DD09A1X	03	DYB090X	01	1	DCF	C8	28A	BIT 09		
01551		XA227	53		XA338	30			168	9		DD09QA	01	DD090Q	01	1	TDD	KQ	28B			
01552		XA338	30									DD09QA	02	DD09QA	00	1	TQ2	C2	15A	PRESET INPUT - ME		
01555		XA206	53		XA221	73			168	9		DD090P	005	DRE0B1U	01	1	DBC	D1	26B			
01553		XA221	73		XA227	57			168	9		DD090P	01	DMBLO1U	01	2	DBC	E1	34B			
01554		XA227	57									DD090P	02	DD090P	00	1	TDD	KP	30B	CLEAR FOR MEM COU		
01556		XA225	19		XA227	55			168	9		DD090Q	02	DDP2CPR	01	2	PAR	B1	10B			
01557		XA227	55		XA236	75			168	9		DD090Q	03	DD090Q	00	1	TDD	KQ	29B	PRESET FOR WRITE		
01558		XA236	75		XA342	18			168	9		DD090Q	04	DBIS2TB	01	1	MUX	E2	35B			
07720		XA342	18									DD090Q	05	DD09A1X	01	7	MUX	A1	09A			
01560		XA246	71		XA342	20			168	9		DD10A1X	01	DYA100X	01	1	DCF	D2	34B	BIT 10		
01561		XA342	20		XA347	71			168	9		DD10A1X	02	DD10A1X	00	1	MUX	B1	10A	8 TO 1 MUX INPUTS		
01562		XA347	71									DD10A1X	03	DYB100X	01	1	DCF	D2	34B	BIT 10		
01563		XA227	80		XA338	33			168	9		DD10QA	01	DD100Q	01	1	TDD	LQ	39A			
01564		XA338	33									DD10QA	02	DD10QA	00	1	TQ2	C3	16B	PRESET INPUT - ME		

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	PREFIX	CONNECTOR	PIN	TO	PREFIX	CONNECTOR	PIN	TO	MULTI GROUP	CODE	COLOR	IDENT										
01565 01566		XA221 XA227	71 76		XA227	76				16B	9		DD100P DD100P	01 02	DMBLO1U DD100P	01 00	1 1	DBC TDD	E1 LP	33B 37A	CLEAR FOR MEM COU	
07741 01568 01569		XA342 XA236 XA227	34 70 78		XA236 XA227 XA225	70 78 21				16B	9		DD100Q DD100Q DD100Q	01 02 03	DD10A1X DBIS2TC DD100Q	01 01 00	7 1 1	MUX MUX TDD	B1 E3 LQ	15B 34A 38A	PRESET FOR WRITE	
01570 11228		XA225 XA309	21 68		XA309	68				16B	9		DD100Q DD100Q	04 05	DDP2CPR DDATHI	01 01	3 1	PAR TDD	B1 JT	11B 32A		B01 B10
01571 01572 01573		XA347 XA342 XA246	73 36 73		XA342 XA246	36 73				16B	9		DD11A1X DD11A1X DD11A1X	01 02 03	DYB110X DD11A1X DYA110X	01 00 01	1 1 1	DCF MUX DCF	D4 C1 D4	35B 17A 35B	BIT 11 8 TO 1 MUX INPUTS BIT 11	
01574 01575		XA227 XA338	65 39		XA338	39				16B	9		DD11QA DD11QA	01 02	DD110Q DD11QA	01 00	1 1	TDD TQ2	MQ C4	34B 19B	PRESET INPUT - ME	
07710 01577 01578 01579		XA342 XA236 XA227 XA225	47 76 74 23		XA236 XA227 XA225	76 74 23				16B	9		DD110Q DD110Q DD110Q DD110Q	01 02 03 04	DD11A1X DBIS2TD DD110Q DDP2CPR	01 01 00 01	7 1 1 4	MUX MUX TDD PAR	C1 E4 MQ B1	23A 37A 35B 12B	PRESET FOR WRITE	
01580 01581 01582		XA347 XA246 XA238	74 74 04		XA246 XA238	74 04				16B	9		DD12A1X DD12A1X DD12A1X	01 02 03	DYB120X DYA120X DD12A1X	01 01 00	1 1 1	DCF DCF MUX	D6 D6 A1	37A 37A 02A	BIT 12 BIT 12 8 TO 1 MUX INPUTS	
01583 01584		XA228 XA338	15 52		XA338	52				16B	9		DD12QA DD12QA	01 02	DD120Q DD12QA	01 00	1 1	TDD TQ2	AQ D1	07B 24A	PRESET INPUT - ME	
01585 01586 07336 01588		XA225 XA228 XA238 XA235	24 13 18 51		XA228 XA238 XA235	13 18 51				16B	9		DD120Q DD120Q DD120Q DD120Q	01 02 03 04	DDP2CPR DD120Q DD12A1X DBIS3TA	01 00 01 01	5 1 7 1	PAR TDD MUX MUX	B1 AQ A1 D1	12A 06B 09A 25B	PRESET FOR WRITE	
01589 01590 01591		XA347 XA246 XA238	70 70 20		XA246 XA238	70 20				16B	9		DD13A1X DD13A1X DD13A1X	01 02 03	DYB130X DYA130X DD13A1X	01 01 00	1 1 1	DCF DCF MUX	D8 D8 B1	35A 35A 10A	BIT 13 BIT 13 8 TO 1 MUX INPUTS	
01592 01593		XA228 XA338	03 46		XA338	46				16B	9		DD13QA DD13QA	01 02	DD130Q DD13QA	01 00	1 1	TDD TQ2	BQ D2	02A 21A	PRESET INPUT - ME	
01594 07207 01596 01597 01758		XA235 XA238 XA228 XA225 XA206	57 34 07 22 77		XA238 XA228 XA225 XA206	34 07 22 77				16B	9		DD130Q DD130Q DD130Q DD130Q DD130Q	01 02 03 04 05	DBIS3TB DD13A1X DD130Q DDP2CPR DRTA21U	01 01 00 01 01	1 7 1 6 4	MUX MUX TDD PAR DBC	D2 B1 BQ B1 E1	29B 15B 03A 11A 36B	PRESET FOR WRITE	
01599 01600		XA346 XA245	11 11		XA245 XA238	11 36				16B	9		DD14A1X DD14A1X	01 02	DYB140X DYA140X	01 01	1 1	DCF DCF	A2 A2	04B 04B	BIT 14 BIT 14	
****												SIGNAL	DD14A1X	IS ON THE NEXT PAGE				****				

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	PREFIX	CONNECTOR	PIN	PREFIX	CONNECTOR	PIN	MULTI GROUP	CODE	COLOR	IDENT												
01601		XA238	36									DD14A1X	03	DD14A1X	00	1	MUX	C1		17A	8 TO 1 MUX INPUTS	
01602		XA228	27		XA338	45		16B	9			DD14QA	01	DD140Q	01	1	TDD	C0		13B	PRESET INPUT - ME	
01603		XA338	45									DD14QA	02	DD14QA	00	1	TQ2	D3		24B		
01769		XA206	75		XA217	53		16B	9			DD140Q	01	DRTA21U	01	3	DBC	E1		35B		
01805		XA217	53		XA225	20		16B	9			DD140Q	02	DMAA41U	01	1	DBC	D1		26B		
01607		XA225	20		XA228	25		16B	9			DD140Q	04	DDP2CPR	01	7	PAR	B1		10A		
01608		XA228	25		XA235	54		16B	9			DD140Q	05	DD140Q	00	1	TDD	C0		12B	PRESET FOR WRITE	
01609		XA235	54		XA238	47		16B	9			DD140Q	06	DBIS3TC	01	1	MUX	D3		26A		B07
07329		XA238	47									DD140Q	07	DD14A1X	01	7	MUX	C1		23A		B07
01611		XA245	13		XA346	13		16B	9			DD15A1X	01	DYA150X	01	1	DCF	A4		05B	BIT 15	
01612		XA346	13		XA341	04		16B	9			DD15A1X	02	DYB150X	01	1	DCF	A4		05B	BIT 15	
01613		XA341	04									DD15A1X	03	DD15A1X	00	1	MUX	A1		02A	8 TO 1 MUX INPUTS	
01614		XA228	17		XA338	51		16B	9			DD15QA	01	DD150Q	01	1	TDD	D0		08B		
01615		XA338	51									DD15QA	02	DD15QA	00	1	TQ2	D4		27B	PRESET INPUT - ME	
01781		XA206	73		XA221	59		16B	9			DD150Q	01	DRTA21U	01	2	DBC	E1		34B		
01606		XA221	59		XA225	18		16B	9			DD150Q	015	DMAA31U	01	4	DBC	D1		30B		
01617		XA225	18		XA228	19		16B	9			DD150Q	02	DDP2CPR	01	8	PAR	B1		09A		
01618		XA228	19		XA235	62		16B	9			DD150Q	03	DD150Q	00	1	TDD	D0		09B	PRESET FOR WRITE	
01619		XA235	62		XA341	18		16B	9			DD150Q	04	DBIS3TD	01	1	MUX	D4		29A		
07719		XA341	18									DD150Q	05	DD15A1X	01	7	MUX	A1		09A		
01621		XA245	08		XA346	08		16B	9			DD16A1X	01	DYA160X	01	1	DCF	A6		06A	BIT 16	
01622		XA346	08		XA341	20		16B	9			DD16A1X	02	DYB160X	01	1	DCF	A6		06A	BIT 16	
01623		XA341	20									DD16A1X	03	DD16A1X	00	1	MUX	B1		10A	8 TO 1 MUX INPUTS	
01624		XA228	39		XA338	66		16B	9			DD16QA	01	DD160Q	01	1	TDD	EQ		19B		
01625		XA338	66									DD16QA	02	DD16QA	00	1	TQ2	E1		31A	PRESET INPUT - ME	
01792		XA206	71		XA221	57		16B	9			DD160Q	01	DRTA21U	01	1	DBC	E1		33B		
01627		XA221	57		XA225	31		16B	9			DD160Q	02	DMAA31U	01	3	DBC	D1		29B		
01628		XA225	31		XA228	37		16B	9			DD160Q	03	DDP3CPR	01	1	PAR	C1		15B		
01629		XA228	37		XA235	69		16B	9			DD160Q	04	DD160Q	00	1	TDD	EQ		18B	PRESET FOR WRITE	
01630		XA235	69		XA341	34		16B	9			DD160Q	05	DBIS4TA	01	1	MUX	E1		32A		
07506		XA341	34									DD160Q	06	DD16A1X	01	7	MUX	B1		15B		
01632		XA245	04		XA346	04		16B	9			DD17A1X	01	DYA170X	01	1	DCF	A8		04A	BIT 17	
01633		XA346	04		XA341	36		16B	9			DD17A1X	02	DYB170X	01	1	DCF	A8		04A	BIT 17	
01634		XA341	36									DD17A1X	03	DD17A1X	00	1	MUX	C1		17A	8 TO 1 MUX INPUTS	
01635		XA228	29		XA338	60		16B	9			DD17QA	01	DD170Q	01	1	TDD	F0		14B		
01636		XA338	60									DD17QA	02	DD17QA	00	1	TQ2	E2		28A	PRESET INPUT - ME	
01637		XA204	45		XA221	55		16B	9			DD170Q	01	DRTA11U	01	4	DBC	C1		23B		
01638		XA221	55		XA225	33		16B	9			DD170Q	02	DMAA31U	01	2	DBC	D1		27B		
01639		XA225	33		XA228	31		16B	9			DD170Q	03	DDP3CPR	01	2	PAR	C1		16B		
								****	SIGNAL			DD170Q		IS ON THE			NEXT PAGE		****			

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	PREFIX	CONNECTOR	PIN	SP. PO.	PREFIX	CONNECTOR	PIN	SP. PO.	MULTI GROUP	CODE	COLOR	IDENT											
01640		XA228	31		XA235	75				16B	9		DD170Q	04	DD170Q	00	1	TDD	FQ		15B	PRESET FOR WRITE	
01641		XA235	75		XA341	47				16B	9		DD170Q	05	DBIS4TB	01	1	MUX	E2		35B		
07753		XA341	47										DD170Q	06	DD17A1X	01	7	MUX	C1		23A		
01643		XA237	04		XA245	31				16B	9		DD18A1X	01	DD18A1X	00	1	MUX	A1		02A	8 TO 1 MUX INPUTS	
01644		XA245	31		XA346	31				16B	9		DD18A1X	02	DYA180X	01	1	DCF	B2		12B	BIT 18	
01645		XA346	31										DD18A1X	03	DYB180X	01	1	DCF	B2		12B	BIT 18	
01646		XA228	51		XA338	57				16B	9		DD18QA	01	DD180Q	01	1	TDD	GQ		27B		
01647		XA338	57										DD18QA	02	DD18QA	00	1	TQ2	E3		30B	PRESET INPUT - ME	
01648		XA204	43		XA221	53				16B	9		DD180Q	01	DRTA11U	01	3	DBC	C1		22B		
01649		XA221	53		XA225	35				16B	9		DD180Q	02	DMAA31U	01	1	DBC	D1		26B		
01650		XA225	35		XA228	49				16B	9		DD180Q	03	DDP3CPR	01	3	PAR	C1		17B		
01651		XA228	49		XA235	70				16B	9		DD180Q	04	DD180Q	00	1	TDD	GQ		26B	PRESET FOR WRITE	
01652		XA235	70		XA237	18				16B	9		DD180Q	05	DBIS4TC	01	1	MUX	E3		34A		
07335		XA237	18										DD180Q	06	DD18A1X	01	7	MUX	A1		09A		
01654		XA346	33		XA245	33				16B	9		DD19A1X	01	DYB190X	01	1	DCF	B4		13B	BIT 19	
01655		XA245	33		XA237	20				16B	9		DD19A1X	02	DYA190X	01	1	DCF	B4		13B	BIT 19	
01656		XA237	20										DD19A1X	03	DD19A1X	00	1	MUX	B1		10A	8 TO 1 MUX INPUTS	
01657		XA228	41		XA338	63				16B	9		DD19QA	01	DD190Q	01	1	TDD	HQ		22B		
01658		XA338	63										DD19QA	02	DD19QA	00	1	TQ2	F4		33B	PRESET INPUT - ME	
01659		XA204	41		XA220	45				16B	9		DD190Q	01	DRTA11U	01	2	DBC	C1		19B		
01660		XA220	45		XA225	37				16B	9		DD190Q	02	DMAA21U	01	4	DBC	C1		23B		
01661		XA225	37		XA228	43				16B	9		DD190Q	03	DDP3CPR	01	4	PAR	C1		18B		
01662		XA228	43		XA237	34				16B	9		DD190Q	04	DD190Q	00	1	TDD	HQ		23B	PRESET FOR WRITE	
06994		XA237	34		XA235	76				16B	9		DD190Q	05	DD19A1X	01	7	MUX	B1		15B		
01664		XA235	76										DD190Q	06	DBIS4TD	01	1	MUX	E4		37A		
01665		XA346	38		XA245	38				16B	9		DD20A1X	01	DYB200X	01	1	DCF	B6		14A	BIT 20	
01666		XA245	38		XA237	36				16B	9		DD20A1X	02	DYA200X	01	1	DCF	B6		14A	BIT 20	
01667		XA237	36										DD20A1X	03	DD20A1X	00	1	MUX	C1		17A	8 TO 1 MUX INPUTS	
01668		XA228	63		XA338	75				16B	9		DD20QA	01	DD200Q	01	1	TDD	JQ		33B		
01669		XA338	75										DD20QA	02	DD20QA	00	1	TQ2	F1		37B	PRESET INPUT - ME	
01670		XA319	51		XA204	39				16B	9		DD200Q	01	DBIS5TA	01	1	MUX	D1		25B		
01671		XA204	39		XA220	43				16B	9		DD200Q	02	DRTA11U	01	1	DBC	C1		18B		
01672		XA220	43		XA225	38				16B	9		DD200Q	03	DMAA21U	01	3	DBC	C1		22B		
01673		XA225	38		XA228	61				16B	9		DD200Q	04	DDP3CPR	01	5	PAR	C1		18A		
01674		XA228	61		XA237	47				16B	9		DD200Q	05	DD200Q	00	1	TDD	JQ		32B	PRESET FOR WRITE	
06961		XA237	47										DD200Q	06	DD20A1X	01	7	MUX	C1		23A		
01676		XA346	34		XA340	04				16B	9		DD21A1X	01	DYB210X	01	1	DCF	B8		12A	BIT 21	
01677		XA340	04		XA245	34				16B	9		DD21A1X	02	DD21A1X	00	1	MUX	A1		02A	8 TO 1 MUX INPUTS	
01678		XA245	34										DD21A1X	03	DYA210X	01	1	DCF	B8		12A	BIT 21	
										****	SIGNAL	DD21QA			IS ON THE						****		

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DRAWING NUMBER
UNIT ASSEMBLY NAME

149017-800 STRING
CARD CAGE ASSY B, IFCU

UNIT ASSEMBLY NO. 149017
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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												
01679		XA228	53		XA338	72				16B	9		DD21QA	01	DD210Q	01	1	TDD	KQ		28B	PRESET INPUT - ME		
01680		XA338	72										DD21QA	02	DD21QA	00	1	TQ2	F2		34A			
01681		XA205	59		XA220	41				16B	9		DD210Q	01	DRTA01U	01	4	DBC	D1		30B			
01682		XA220	41		XA225	36				16B	9		DD210Q	02	DMAA21U	01	2	DBC	C1		19B			
01683		XA225	36		XA228	55				16B	9		DD210Q	03	DDP3CPR	01	6	PAR	C1		17A			
01684		XA228	55		XA340	18				16B	9		DD210Q	04	DD210Q	00	1	TDD	KQ		29B	PRESET FOR WRITE		
07718		XA340	18		XA319	57				16B	9		DD210Q	05	DD21A1X	01	7	MUX	A1		09A			
01686		XA319	57										DD210Q	06	DBIS5TB	01	1	MUX	D2		29B			
01687		XA346	49		XA340	20				16B	9		DD22A1X	01	DYB220X	01	1	DCF	C2		27B	BIT 22 8 TO 1 MUX INPUTS		
01688		XA340	20		XA245	49				16B	9		DD22A1X	02	DD22A1X	00	1	MUX	B1		10A			
01689		XA245	49										DD22A1X	03	DYA220X	01	1	DCF	C2		27B			
01690		XA228	80		XA338	69				16B	9		DD22QA	01	DD220Q	01	1	TDD	LQ		39A	PRESET INPUT - ME		
01691		XA338	69										DD22QA	02	DD22QA	00	1	TQ2	F3		35A			
01692		XA205	57		XA220	39				16B	9		DD220Q	01	DRTA01U	01	3	DBC	D1		29B			
01693		XA220	39		XA225	34				16B	9		DD220Q	02	DMAA21U	01	1	DBC	C1		18B			
01694		XA225	34		XA228	78				16B	9		DD220Q	03	DDP3CPR	01	7	PAR	C1		16A			
01695		XA228	78		XA340	34				16B	9		DD220Q	04	DD220Q	00	1	TDD	LQ		38A	PRESET FOR WRITE		
07768		XA340	34		XA319	54				16B	9		DD220Q	05	DD22A1X	01	7	MUX	B1		15B			
01697		XA319	54										DD220Q	06	DBIS5TC	01	1	MUX	D3		26A			
01698		XA245	51		XA346	51				16B	9		DD23A1X	01	DYA230X	01	1	DCF	C4		28B	BIT 23 8 TO 1 MUX INPUTS		
01699		XA346	51		XA340	36				16B	9		DD23A1X	02	DYB230X	01	1	DCF	C4		28B			
01700		XA340	36										DD23A1X	03	DD23A1X	00	1	MUX	C1		17A			
01701		XA228	65		XA338	80				16B	9		DD23QA	01	DD230Q	01	1	TDD	MQ		34B	PRESET INPUT - ME		
01702		XA338	80										DD23QA	02	DD23QA	00	1	TQ2	F4		39A			
01703		XA205	55		XA221	45				16B	9		DD230Q	01	DRTA01U	01	2	DBC	D1		27B			
01704		XA221	45		XA225	30				16B	9		DD230Q	02	DMAA11U	01	4	DBC	C1		23B			
01705		XA225	30		XA228	74				16B	9		DD230Q	03	DDP3CPR	01	8	PAR	C1		15A			
01706		XA228	74		XA340	47				16B	9		DD230Q	04	DD230Q	00	1	TDD	MQ		35B	PRESET FOR WRITE		
07712		XA340	47		XA319	62				16B	9		DD230Q	05	DD23A1X	01	7	MUX	C1		23A			
01708		XA319	62										DD230Q	06	DBIS5TD	01	1	MUX	D4		29A			
01709		XA236	04		XA245	54				16B	9		DD24A1X	01	DD24A1X	00	1	MUX	A1		03A	8 TO 1 MUX INPUTS BIT 24		
01710		XA245	54		XA346	54				16B	9		DD24A1X	02	DYA240X	01	1	DCF	C6		30A			
01711		XA346	54										DD24A1X	03	DYB240X	01	1	DCF	C6		30A			
01712		XA231	09		XA229	03				16B	9		DD24QA	01	DD24QA	00	1	TQ2	A3		04B	PRESET INPUT - ME		
01713		XA229	03										DD24QA	02	DD240Q	01	1	TDD	BQ		02A			
06907		XA236	18		XA229	07				16B	9		DD240Q	01	DD24A1X	01	7	MUX	A1		09A	PRESET FOR WRITE		
01715		XA229	07		XA225	43				16B	9		DD240Q	02	DD240Q	00	1	TDD	BQ		03A			
01716		XA225	43		XA221	43				16B	9		DD240Q	03	DDP4CPR	01	1	PAR	D1		23B			
01717		XA221	43		XA205	53				16B	9		DD240Q	04	DMAA11U	01	3	DBC	C1		22B			
01718		XA205	53		XA320	51				16B	9		DD240Q	05	DRTA01U	01	1	DBC	D1		26B			
										****	SIGNAL		DD240Q		TS ON THE			NEXT PAGE	****					

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149017-800
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	PREFIX	CONNECTOR	PIN	SH PC	PREFIX	CONNECTOR	PIN	SH PC	MULTI-GROUP	CODE	COLOR	IDENT												
01719		XA320	51										DD240Q	06	DBIS6TA	01	1	MUX	D1		25B			
01720		XA346	50		XA245	50			16B	9			DD25A1X	01	DYB250X	01	1	DCF	C8		28A	BIT 25		
01721		XA245	50		XA236	20			16B	9			DD25A1X	02	DYA250X	01	1	DCF	C8		28A	BIT 25		
01722		XA236	20										DD25A1X	03	DD25A1X	00	1	MUX	B1		10A	8 TO 1 MUX INPUTS		
01723		XA231	15		XA229	27			16B	9			DD25QA	01	DD25QA	00	1	TQ2	A4		07B	PRESET INPUT - ME		
01724		XA229	27										DD25QA	02	DD250Q	01	1	TDD	CQ		13B			
01725		XA320	57		XA205	43			16B	9			DD250Q	01	DBIS6TB	01	1	MUX	D2		29B			
01726		XA205	43		XA221	41			16B	9			DD250Q	02	DRSA11U	01	3	DBC	C1		22B			
01727		XA221	41		XA225	45			16B	9			DD250Q	03	DMAA11U	01	2	DBC	C1		19B			
01728		XA225	45		XA229	25			16B	9			DD250Q	04	DDP4CPR	01	2	PAR	D1		24B			
01729		XA229	25		XA236	34			16B	9			DD250Q	05	DD250Q	00	1	TDD	CQ		12B	PRESET FOR WRITE		
06992		XA236	34										DD250Q	06	DD25A1X	01	7	MUX	B1		15B			
01731		XA236	36		XA245	71			16B	9			DD26A1X	01	DD26A1X	00	1	MUX	C1		17A	8 TO 1 MUX INPUTS		
01732		XA245	71		XA346	71			16B	9			DD26A1X	02	DYA260X	01	1	DCF	D2		34B	BIT 26		
01733		XA346	71										DD26A1X	03	DYB260X	01	1	DCF	D2		34B	BIT 26		
01734		XA231	22		XA229	17			16B	9			DD26QA	01	DD26QA	00	1	TQ2	B1		12A	PRESET INPUT - ME		
01735		XA229	17										DD26QA	02	DD260Q	01	1	TDD	DQ		08B			
01736		XA205	41		XA221	39			16B	9			DD260Q	01	DRSA11U	01	2	DBC	C1		19B			
01737		XA221	39		XA225	47			16B	9			DD260Q	02	DMAA11U	01	1	DBC	C1		18B			
01738		XA225	47		XA229	19			16B	9			DD260Q	03	DDP4CPR	01	3	PAR	D1		25B			
01739		XA229	19		XA236	47			16B	9			DD260Q	04	DD260Q	00	1	TDD	DQ		09B	PRESET FOR WRITE		
07222		XA236	47		XA320	54			16B	9			DD260Q	05	DD26A1X	01	7	MUX	C1		23A			
01741		XA320	54										DD260Q	06	DBIS6TC	01	1	MUX	D3		24A			
01742		XA339	04		XA245	73			16B	9			DD27A1X	01	DD27A1X	00	1	MUX	A1		02A	8 TO 1 MUX INPUTS		
01743		XA245	73		XA346	73			16B	9			DD27A1X	02	DYA270X	01	1	DCF	D4		35B	BIT 27		
01744		XA346	73										DD27A1X	03	DYB270X	01	1	DCF	D4		35B	BIT 27		
01745		XA231	14		XA229	39			16B	9			DD27QA	01	DD27QA	00	1	TQ2	B2		09A	PRESET INPUT - ME		
01746		XA229	39										DD27QA	02	DD270Q	01	1	TDD	EQ		19B			
07732		XA339	18		XA320	62			16B	9			DD270Q	01	DD27A1X	01	7	MUX	A1		09A			
01748		XA320	62		XA222	77			16B	9			DD270Q	02	DBIS6TD	01	1	MUX	D4		29A			
01749		XA222	77		XA229	37			16B	9			DD270Q	03	DMAA01U	01	4	DBC	F1		36B			
01750		XA229	37		XA225	49			16B	9			DD270Q	04	DD270Q	00	1	TDD	EQ		18B	PRESET FOR WRITE		
01751		XA225	49		XA205	39			16B	9			DD270Q	05	DDP4CPR	01	4	PAR	D1		26B			
01752		XA205	39										DD270Q	06	DRSA11U	01	1	DBC	C1		18B			
01753		XA245	74		XA339	20			16B	9			DD28A1X	01	DYA280X	01	1	DCF	D6		37A	BIT 28		
01754		XA339	20		XA346	74			16B	9			DD28A1X	02	DD28A1X	00	1	MUX	B1		10A	8 TO 1 MUX INPUTS		
01755		XA346	74										DD28A1X	03	DYB280X	01	1	DCF	D6		37A	BIT 28		
01756		XA231	21		XA229	29			16B	9			DD28QA	01	DD28QA	00	1	TQ2	B3		10B	SYNC 2 BIT 28		
01757		XA229	29										DD28QA	02	DD280Q	01	1	TDD	EQ		14B			

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	PREFIX	CONNECTOR	PIN	LS	PREFIX	CONNECTOR	PIN	LS	MULTI GROUP	CODE	COLOR	IDENY											
06942		XA204	77		XA222	75				16B	9		DD280Q	01	DRSA01U	01	4	DBC	E1		36B		
01759		XA222	75		XA225	52				16B	9		DD280Q	02	DMAA01U	01	3	DBC	E1		35B		
01760		XA225	52		XA229	31				16B	9		DD280Q	03	DDP4CPR	01	5	PAR	D1		24A		
01761		XA229	31		XA339	34				16B	9		DD280Q	04	DD280Q	00	1	TDD	FQ		15B	PRESET FOR WRITE	
07736		XA339	34		XA320	69				16B	9		DD280Q	05	DD28A1X	01	7	MUX	B1		15B		
01763		XA320	69										DD280Q	06	DBIS7TA	01	1	MUX	E1		32A		
01764		XA346	70		XA339	36				16B	9		DD29A1X	01	DYB290X	01	1	DCF	D8		35A	BIT 29	
01765		XA339	36		XA245	70				16B	9		DD29A1X	02	DD29A1X	00	1	MUX	C1		17A	8 TO 1 MUX INPUTS	
01766		XA245	70										DD29A1X	03	DYA290X	01	1	DCF	D8		35A	BIT 29	
01767		XA231	27		XA229	51				16B	9		DD29QA	01	DD29QA	00	1	TQ2	B4		13B	PRESET INPUT - ME	
01768		XA229	51										DD29QA	02	DD290Q	01	1	TDD	GQ		27B		
06873		XA204	75		XA222	73				16B	9		DD290Q	01	DRSA01U	01	3	DBC	E1		35B		
01770		XA222	73		XA225	50				16B	9		DD290Q	02	DMAA01U	01	2	DBC	E1		34B		
01771		XA225	50		XA229	49				16B	9		DD290Q	03	DDP4CPR	01	6	PAR	D1		23A		
01772		XA229	49		XA339	47				16B	9		DD290Q	04	DD290Q	00	1	TDD	GQ		26B	PRESET FOR WRITE	
07713		XA339	47		XA320	75				16B	9		DD290Q	05	DD29A1X	01	7	MUX	C1		23A		
01774		XA320	75										DD290Q	06	DBIS7TB	01	1	MUX	E2		35B		
01775		XA235	04		XA244	71				16B	9		DD30A1X	01	DD30A1X	00	1	MUX	A1		02A	8 TO 1 MUX INPUTS	
01776		XA244	71		XA345	11				16B	9		DD30A1X	02	DYA300X	01	1	DCF	D2		34B	BIT 30	
01777		XA345	11										DD30A1X	03	DYB300X	01	1	DCF	A2		04B	BIT 30	
01778		XA231	38		XA229	41				16B	9		DD30QA	01	DD30QA	00	1	TQ2	C1		18A	PRESET INPUT - ME	
01779		XA229	41										DD30QA	02	DD300Q	01	1	TDD	HQ		22B		
01780		XA320	70		XA204	73				16B	9		DD300Q	01	DBIS7TC	01	1	MUX	E3		34A		
07113		XA204	73		XA222	71				16B	9		DD300Q	02	DRSA01U	01	2	DBC	E1		34B		
01782		XA222	71		XA225	48				16B	9		DD300Q	03	DMAA01U	01	1	DBC	E1		33B		
01783		XA225	48		XA229	43				16B	9		DD300Q	04	DDP4CPR	01	7	PAR	D1		22A		
01784		XA229	43		XA235	18				16B	9		DD300Q	05	DD300Q	00	1	TDD	HQ		23B	PRESET FOR WRITE	
06971		XA235	18										DD300Q	06	DD30A1X	01	7	MUX	A1		09A		
01786		XA345	13		XA244	73				16B	9		DD31A1X	01	DYB310X	01	1	DCF	A4		05B	BIT 31	
01787		XA244	73		XA235	20				16B	9		DD31A1X	02	DYA310X	01	1	DCF	D4		35B	BIT 31	
01788		XA235	20										DD31A1X	03	DD31A1X	00	1	MUX	B1		10A	8 TO 1 MUX INPUTS	
01789		XA231	30		XA229	63				16B	9		DD31QA	01	DD31QA	00	1	TQ2	C2		15A	PRESET INPUT - ME	
01790		XA229	63										DD31QA	02	DD310Q	01	1	TDD	JQ		33B		
01791		XA320	76		XA204	71				16B	9		DD310Q	01	DBIS7TD	01	1	MUX	E4		37A		
06921		XA204	71		XA225	46				16B	9		DD310Q	02	DRSA01U	01	1	DBC	E1		33B		
01793		XA225	46		XA229	61				16B	9		DD310Q	03	DDP4CPR	01	8	PAR	D1		21A		
01794		XA229	61		XA235	34				16B	9		DD310Q	04	DD310Q	00	1	TDD	JQ		32B	PRESET FOR WRITE	
06904		XA235	34										DD310Q	05	DD31A1X	01	7	MUX	B1		15B		
										****	SIGNAL	DERROA	IS ON THE	NEXT PAGE	****								

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149017-800
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	PREFIX	CONNECTOR	PIN	DR FC	PREFIX	CONNECTOR	PIN	DR FC	MULTI GROUP	CODE	COLOR	IDENT											SPEC INST. INSEC	
01796		XA102	07			XA109	01							DERROA	01	DT1CM0	01	5	TS8	A1		03A		
01797		XA109	01			XA108	48							DERROA	02	DRRE10	01	7	TS8	A1		02B		
01798		XA108	48			XA109	66							DERROA	03	DTCCSA	01	3	TD4	D2		22A		
06930		XA109	66			XA210	79							DERROA	04	DISH3A	01	6	TS8	E1		31A		
01926		XA210	79			XA213	42							DERROA	05	DERSDN	01	1	TDD	LN		39B		
01799		XA213	42			XA219	42							DERROA	06	DERROA	00	7	THI	C6		18B		
06910		XA219	42			XA219	49							DERROA	07	DTCF1A	01	3	TT3	C1		20A		
03513		XA219	49			XA311	61							DERROA	08	DBSWRA	01	3	TT3	D3		26B		
02017		XA311	61			XA328	73							DERROA	09	DMAC2A	01	3	TT3	E3		32B		
07324		XA328	73			XA333	40							DERROA	10	DTCCLO	01	3	TD4	F2		36B	B09	
00823		XA333	40											DERROA	11	DROPRO	01	1	TQ2	C1		19A	B09	
01801		XA218	47			XA213	39							DERRO0	01	DERRO0	00	1	TS8	D1		25B		
01802		XA213	39			XA311	45							DERRO0	02	DERROA	01	7	THI	C6		19B		
07386		XA311	45			XA333	17							DERRO0	03	DERRIA	01	1	TT3	D3		24B		
00827		XA333	17											DERRO0	04	DERS1A	01	1	TQ2	B3		08B		
01804		XA327	72			XA312	54							DERRIA	01	DXXRCO	01	2	TS8	F1		34A		
01805		XA312	54			XA311	51							DERRIA	02	DXXDIS	01	3	TD4	D1		25A		
11724		XA311	51											DERRIA	03	DERRIA	00	1	TT3	D3		27B		
03006		XA210	76			XA311	49							DESDP	01	DESDP	00	1	TDD	1P		37A		
07310		XA311	49											DESDP	02	DERRIA	01	3	TT3	D3		26B		
04932		XA210	80			XA333	21							DERS1A	01	DESDQ	01	1	TDD	LQ		39A		
00881		XA333	21											DERS1A	02	DERS1A	00	1	TQ2	B3		10B		
11713		XA241	11			XA348	41							DEVIND	01	DEVIND	00	7	ACF	A1		05A	B09	
11333		XA348	41											DEVIND	02				SHT					B09
11335		XA348	43			XA242	36							DEVIND4	01				SHT					B09
01967		XA242	36			XA244	06							DEVIND4	02				RR4	C1				B09
01894		XA244	06											DEVIND4	03	DRACLDX	01	1	DCF	A1		05A		B09
50253		XA437	22			XA433	25							DEVINH	00C	TXRS00	01	5	TS8	B1		12A		
50254		XA433	25			XA433	19							DEVINH	00F	TXARQA	01	3	TD4	B1		12B		
50255		XA433	19			XA433	10							DEVINH	00L	TXBRQA	01	3	TD4	B2		09B		
50256		XA433	10			XA433	05							DEVINH	002	TXAOEA	01	3	TD4	A1		07A		
50257		XA433	05			XA241	07							DEVINH	006	TXBOEA	01	3	TD4	A2		03B	B09	
07374		XA241	07			XA304	22							DEVINH	008	DEVIND	01	1	ACF	A1		03A	B09	
01807		XA304	22			XA308	25							DEVINH	01	DXRS00	01	5	TS8	B1		12A		
01808		XA308	25			XA308	19							DEVINH	02	DXARQA	01	3	TD4	B1		12B		
01809		XA308	19			XA308	05							DEVINH	03	DXBRQA	01	3	TD4	B2		09B		
01810		XA308	05			XA308	10							DEVINH	04	DXBOEA	01	3	TD4	A2		03B		
01811		XA308	10			XA146	14							DEVINH	05	DXAOEA	01	3	TD4	A1		07A	B04	
10383		XA146	14			XA212	11							DEVINH	07				MTS					B04
02422		XA212	11											DEVINH	08	DMRS10	01	2	TT3	A3		05B	D02	
01813		XA337	48			XA343	39							DGNDA A	01	DGNDA A	00	1	THI	D3		21A		
01814		XA343	39			XA342	39							DGNDA A	02	DD05A1X	01	3	MUX	C1		18B		
														****	SIGNAL	(DGNDA A)			IS ON THE	NEXT PAGE	****			

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DRAWING NUMBER
UNIT ASSEMBLY NAME

149017-800 STRING
CARD CAGE ASSY B, IFCU

UNIT ASSEMBLY NO. 149017
FILE IDENT T39C1FC7

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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											
01815		XA342	39		XA342	23				168	9		DGNDAA	03	DD11A1X	01	3	MUX	C1		18B		
01816		XA342	23		XA343	23				168	9		DGNDAA	04	DD10A1X	01	3	MUX	B1		11B		
01817		XA343	23		XA343	07				168	9		DGNDAA	05	DD04A1X	01	3	MUX	B1		11B		
01818		XA343	07		XA342	07				168	9		DGNDAA	06	DD03A1X	01	3	MUX	A1		04B		
01819		XA342	07		XA240	39				168	9		DGNDAA	07	DD09A1X	01	3	MUX	A1		04B		
01820		XA240	39		XA239	39				168	9		DGNDAA	08	DD02A1X	01	3	MUX	C1		18B		
01821		XA239	39		XA239	23				168	9		DGNDAA	09	DD08A1X	01	3	MUX	C1		18B		
01822		XA239	23		XA238	23				168	9		DGNDAA	10	DD07A1X	01	3	MUX	B1		11B		
01823		XA238	23		XA235	23				168	9		DGNDAA	11	DD13A1X	01	3	MUX	B1		11B		
01824		XA235	23		XA238	07				168	9		DGNDAA	12	DD31A1X	01	3	MUX	B1		11B		
01825		XA238	07		XA239	07				168	9		DGNDAA	13	DD12A1X	01	3	MUX	A1		04B		
01826		XA239	07										DGNDAA	14	DD06A1X	01	3	MUX	A1		04B		
01827		XA238	13		XA239	13				168	9		DGNDBA	01	DD12A2X	01	4	MUX	A2		07A		
01828		XA239	13		XA238	30				168	9		DGNDBA	02	DD06A2X	01	4	MUX	A2		07A		
01829		XA238	30		XA239	30				168	9		DGNDBA	03	DD13A2X	01	4	MUX	B2		15A		
01830		XA239	30		XA239	48				168	9		DGNDBA	04	DD07A2X	01	4	MUX	B2		15A		
01831		XA239	48		XA240	48				168	9		DGNDBA	05	DD08A2X	01	4	MUX	C2		22A		
01832		XA240	48		XA342	13				168	9		DGNDBA	06	DD02A2X	01	4	MUX	C2		22A		
01833		XA342	13		XA343	13				168	9		DGNDBA	07	DD09A2X	01	4	MUX	A2		07A		
01834		XA343	13		XA342	30				168	9		DGNDBA	08	DD03A2X	01	4	MUX	A2		07A		
01835		XA342	30		XA343	30				168	9		DGNDBA	09	DD10A2X	01	4	MUX	B2		15A		
01836		XA343	30		XA343	48				168	9		DGNDBA	10	DD04A2X	01	4	MUX	B2		15A		
01837		XA343	48		XA342	48				168	9		DGNDBA	11	DD05A2X	01	4	MUX	C2		22A		
01838		XA342	48		XA337	46				168	9		DGNDBA	12	DD11A2X	01	4	MUX	C2		22A		
01839		XA337	46										DGNDBA	13	DGNDBA	00	1	THI	D4		22B		
01840		XA236	13		XA237	13				168	9		DGNDC A	01	DD24A2X	01	4	MUX	A2		07A		
01841		XA237	13		XA237	30				168	9		DGNDC A	02	DD18A2X	01	4	MUX	A2		07A		
01842		XA237	30		XA236	30				168	9		DGNDC A	03	DD19A2X	01	4	MUX	B2		15A		
01843		XA236	30		XA236	48				168	9		DGNDC A	04	DD25A2X	01	4	MUX	B2		15A		
01844		XA236	48		XA237	48				168	9		DGNDC A	05	DD26A2X	01	4	MUX	C2		22A		
01845		XA237	48		XA238	48				168	9		DGNDC A	06	DD20A2X	01	4	MUX	C2		22A		
01846		XA238	48		XA339	13				168	9		DGNDC A	07	DD14A2X	01	4	MUX	C2		22A		
01847		XA339	13		XA340	13				168	9		DGNDC A	08	DD27A2X	01	4	MUX	A2		07A		
01848		XA340	13		XA341	13				168	9		DGNDC A	09	DD21A2X	01	4	MUX	A2		07A		
01849		XA341	13		XA340	30				168	9		DGNDC A	10	DD15A2X	01	4	MUX	A2		07A		
01850		XA340	30		XA341	30				168	9		DGNDC A	11	DD22A2X	01	4	MUX	B2		15A		
01851		XA341	30		XA341	48				168	9		DGNDC A	12	DD16A2X	01	4	MUX	B2		15A		
01852		XA341	48		XA340	48				168	9		DGNDC A	13	DD17A2X	01	4	MUX	C2		22A		
01853		XA340	48		XA337	43				168	9		DGNDC A	14	DD23A2X	01	4	MUX	C2		22A		
01854		XA337	43										DGNDC A	15	DGNDC A	00	1	THI	D5		24B		
01855		XA350	76		XA251	76				168	9		DGNDOA	01				EXT					
01856		XA251	76		XA213	24				168	9		DGNDOA	02				EXT					
01858		XA213	24		XA217	55				168	9		DGNDOA	04	DGNDOA	00	1	THI	B1		13A		
01859		XA217	55		XA216	55				168	9		DGNDOA	05	DMAA41U	01	2	DBC	D1		27B		
01860		XA216	55		XA210	18				168	9		DGNDOA	06	DMMC41U	01	2	DBC	D1		27B		
02407		XA210	18		XA309	77				168	9		DGNDOA	07	DMMRTI	01	1	TDD	DI		10A	C03	
11237		XA309	77										DGNDOA	08	DMSQI	01	1	TDD	LI		38B	C08	

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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	SMT	PREFIX	CONNECTOR	PIN	SMT	MULTI GROUP	CODE	COLOR	IDENT											
01861		XA213	25		XA217	57				168	9		DGND1A	01	DGND1A	00	1	THI	B2		11A		
01862		XA217	57		XA216	57				168	9		DGND1A	02	DMAA41U	01	3	DBC	D1		29B		
01863		XA216	57		XA317	13				168	9		DGND1A	03	DMMC41U	01	3	DBC	D1		29B		
01864		XA317	13		XA316	13				168	9		DGND1A	04	DXDC62X	01	4	MUX	A2		07A		
01865		XA316	13		XA315	13				168	9		DGND1A	05	DXDC32X	01	4	MUX	A2		07A		
01866		XA315	13		XA315	30				168	9		DGND1A	06	DXDC02X	01	4	MUX	A2		07A		
01867		XA315	30		XA316	30				168	9		DGND1A	07	DXDC12X	01	4	MUX	B2		15A		
01868		XA316	30		XA317	30				168	9		DGND1A	08	DXDC42X	01	4	MUX	B2		15A		
01869		XA317	30		XA316	48				168	9		DGND1A	09	DXDC72X	01	4	MUX	B2		15A		B02
01871		XA316	48		XA315	48				168	9		DGND1A	11	DXDC52X	01	4	MUX	C2		22A		
01872		XA315	48		XA339	48				168	9		DGND1A	12	DXDC22X	01	4	MUX	C2		22A		
01873		XA339	48		XA339	30				168	9		DGND1A	13	DD29A2X	01	4	MUX	C2		22A		
01874		XA339	30										DGND1A	14	DD28A2X	01	4	MUX	B2		15A		
01878		XA319	30		XA318	30				168	9		DGND2A	04	DXDD42X	01	4	MUX	B2		15A		
01879		XA318	30		XA319	13				168	9		DGND2A	05	DXDD72X	01	4	MUX	B2		15A		
01881		XA319	13		XA318	13				168	9		DGND2A	07	DXDD32X	01	4	MUX	A2		07A		
01882		XA318	13		XA216	59				168	9		DGND2A	08	DXDD62X	01	4	MUX	A2		07A		
01883		XA216	59		XA217	59				168	9		DGND2A	09	DMMC41U	01	4	DBC	D1		30B		
01884		XA217	59		XA213	18				168	9		DGND2A	10	DMAA41U	01	4	DBC	D1		30B		
01885		XA213	18										DGND2A	11	DGND2A	00	1	THI	B3		09A		
01886		XA320	48		XA320	30				168	9		DGND3A	01	DXDD22X	01	4	MUX	C2		22A		
01887		XA320	30		XA320	13				168	9		DGND3A	02	DXDD12X	01	4	MUX	B2		15A		
01888		XA320	13		XA318	23				168	9		DGND3A	03	DXDD02X	01	4	MUX	A2		07A		
01889		XA318	23		XA213	14				168	9		DGND3A	04	DXDD71X	01	3	MUX	B1		11B		
01890		XA213	14		XA235	13				168	9		DGND3A	05	DGND3A	00	1	THI	B4		08B		
01891		XA235	13		XA235	30				168	9		DGND3A	06	DD30A2X	01	4	MUX	A2		07A		
01892		XA235	30		XA238	21				168	9		DGND3A	07	DD31A2X	01	4	MUX	B2		15A		
01893		XA238	21		XA243	06				168	9		DGND3A	08	DD13A1X	01	2	MUX	B1		10B		B09
01895		XA243	06		XA243	36				168	9		DGND3A	10	DTA01DX	01	1	DCF	A1		05A		
01896		XA243	36		XA241	43				168	9		DGND3A	11	DTA05DX	01	1	DCF	B1		13A		
01897		XA241	43		XA243	72				168	9		DGND3A	12	DMBS2HX	01	1	ACF	E2		23A		B05
01899		XA243	72										DGND3A	14	DTA09DX	01	1	DCF	D1		36A		
01876		XA319	48		XA213	19				168	9		DGND4A	00	DXDD52X	01	4	MUX	C2		22A		B03
01900		XA213	19		XA232	77				168	9		DGND4A	01	DGND4A	00	1	THI	B5		10B		
01902		XA232	77										DGND4A	02	DMAACT	01	1	TDD	LT		38B		
01914		XA307	62		XA320	68				168	9		DGND5A	005	DMREQI	01	1	TDD	KT		29A		
01911		XA320	68		XA320	52				168	9		DGND5A	01	DBIS7TA	01	3	MUX	E1		33A		
01912		XA320	52		XA319	52				168	9		DGND5A	02	DBIS6TA	01	3	MUX	D1		25A		
01913		XA319	52		XA206	47				168	9		DGND5A	03	DBIS5TA	01	3	MUX	D1		25A		
01915		XA206	47		XA213	26				168	9		DGND5A	05	DRCME3U	01	1	DBC	C3		23A		
01918		XA213	26		XA236	52				168	9		DGND5A	08	DGND5A	00	1	THI	B6		12B		
01919		XA236	52		XA235	52				168	9		DGND5A	09	DBIS1TA	01	3	MUX	D1		25A		
01920		XA235	52		XA235	68				168	9		DGND5A	10	DBIS3TA	01	3	MUX	D1		25A		
01921		XA235	68		XA236	68				168	9		DGND5A	11	DBIS4TA	01	3	MUX	E1		33A		
										****		SIGNAL	DGND5A		IS ON THE		NEXT PAGE		****				

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	PREFIX	CONNECTOR	PIN	DRIFT	PREFIX	CONNECTOR	PIN	DRIFT	MULTI GROUP	CODE	COLOR	IDENT											
02004		XA320	19		XA315	29				16B	9		DITR1Q	03	DXDD11X	01	1	MUX	B1		09B	ITR 1 + ITR 2	B03
02000		XA315	29		XA302	65				16B	9		DITR1Q	05	DXDC11X	01	5	MUX	B1		13B		B05
01983		XA302	65										DITR1Q	06	DXXDSA	01	1	TQ2	F3		34B		B05
04960		XA224	17		XA212	27				16B	9		DITOCA	01	DITRC0	01	1	TQ2	B3		08B		
02006		XA212	27										DITOCA	02	DITOCA	00	1	TT3	B3		13B	CLEAR ITR COUNTER	
11602		XA213	77		XA320	11				16B	9		DITOP0	01	DITOP0	00	1	THI	F6		38A		B03
01981		XA320	11										DITOP0	02	DXDD01X	01	5	MUX	A1		06B		B03
02262		XA215	26		XA315	11				16B	9		DITOR0	01	DITOR0	00	1	THI	B6		12B	RESET MEM STATE C	
01982		XA315	11		XA320	03				16B	9		DITOR0	03	DXDC01X	01	5	MUX	A1		06B		B03
01980		XA320	03										DITOR0	05	DXDD01X	01	1	MUX	A1		02B	ITR 1 + ITR 2	
02007		XA328	35		XA209	41				16B	9		DITOSA	01	DITOSA	00	1	TD4	C1		17B	SET ITR COUNTER B	
02008		XA209	41										DITOSA	02	DITROQ	01	1	TDD	HQ		22B		
01972		XA210	50		XA212	36				16B	9		DITICA	01	DITR1P	01	1	TDD	HP		23A		
02009		XA212	36										DITICA	02	DITICA	00	1	TT3	C1		17A	CLEAR ITR COUNTER	
05895		XA104	43		XA320	29				16B	9		DITIRO	01	DITIRO	00	1	THI	D5		24B		B03
01999		XA320	29										DITIRO	02	DXDD11X	01	5	MUX	B1		13B		B03
02011		XA328	47		XA210	41				16B	9		DITISA	01	DITISA	00	1	TD4	D1		25B	SET ITR COUNTER B	
02012		XA210	41										DITISA	02	DITR1Q	01	1	TDD	HQ		22B		
02010		XA224	19		XA333	33				16B	9		DIT2CA	01	DITRC0	01	2	TQ2	B3		09B		
00879		XA333	33										DIT2CA	02	DIT2CA	00	1	TQ2	C3		16B		
02013		XA208	15		XA211	80				16B	9		DLPTSA	01	DLPTQ0	01	1	TDD	AQ		07B		
02014		XA211	80		XA327	75				16B	9		DLPTSA	02	DLPTSA	00	1	TQ2	F4		39A	DEV LOOP TEST	
02015		XA327	75										DLPTSA	03	DXXRC0	01	5	TS8	F1		37B		
02016		XA328	30		XA208	11				16B	9		DLPTOP	01	DBUSY0	01	1	TD4	C2		15A		
02018		XA208	11										DLPTOP	03	DLPTOP	00	1	TDD	AP		05B		
02019		XA208	13		XA224	36				16B	9		DLPTQ0	01	DLPTQ0	00	1	TDD	AQ		06B	LOOP TEST	
02020		XA224	36		XA318	29				16B	9		DLPTQ0	02	DLTEQA	01	2	TQ2	C2		17A		
02021		XA318	29										DLPTQ0	03	DXDD71X	01	5	MUX	B1		13B		
11729		XA313	68		XA112	14				16B	9		DLTAK5U	01	DLTAK5U	00	1	DBC	E5		33A		D05
07935		XA112	14										DLTAK5U	02	DLTK1A	01	1	TT3	B2		09A		D05
02022		XA224	30		XA314	37				16B	9		DLTEQA	01	DLTEQA	00	1	TQ2	C2		15A	LOOP TEST - ADD. F	
02023		XA314	37										DLTEQA	02	DXX000	01	2	TQ2	C4		18B		
11787		XA337	68		XA313	66				16B	9		DLTKRA	01	DLTKRA	00	1	THI	E6		32B		D05
07532		XA313	66										DLTKRA	02	DLTAK5U	01	1	DBC	E5		32B		D05
07954		XA112	36		XA337	65				16B	9		DLTKRO	01	DLTKRO	00	1	TT3	C1		17A		D05
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	PREFIX	CONNECTOR	PIN	SH PG	PREFIX	CONNECTOR	PIN	SH PG	MULTI GROUP	CODE	COLOR	IDENT												
07681		XA337	65						16B	9			DLTKR0	02	DLTKRA	01	1	THI	E6		33B		005	
07939		XA112	19		XA211	47			16B	9			DLTK1A	01	DLTK1A	00	1	TT3	B2		09B		005	
02502		XA211	47		XA313	79			16B	9			DLTK1A	02	DLTK10	01	1	TQ2	D4		25B		005	
07534		XA313	79										DLTK1A	03	DLTAK3U	01	1	DBC	E3		37B		005	
02529		XA211	51		XA112	22			16B	9			DLTK10	01	DLTK10	00	1	TQ2	D4		27B	WRITE +WRITE MAIN	005	
07942		XA112	22										DLTK10	02	DSAC20	01	1	TT3	B1		12A		005	
02024		XA238	08		XA239	24			16B	9			DMAACA	01	DD12A2X	01	3	MUX	A2		04A			
02025		XA239	24		XA238	24			16B	9			DMAACA	02	DD07A2X	01	3	MUX	B2		12A			
02026		XA238	24		XA238	40			16B	9			DMAACA	03	DD13A2X	01	3	MUX	B2		12A			
02027		XA238	40		XA239	40			16B	9			DMAACA	04	DD14A2X	01	3	MUX	C2		19A			
02028		XA239	40		XA342	08			16B	9			DMAACA	05	DD08A2X	01	3	MUX	C2		19A			
02029		XA342	08		XA341	08			16B	9			DMAACA	06	DD09A2X	01	3	MUX	A2		04A			
02030		XA341	08		XA341	24			16B	9			DMAACA	07	DD15A2X	01	3	MUX	A2		04A			
02031		XA341	24		XA342	24			16B	9			DMAACA	08	DD16A2X	01	3	MUX	B2		12A			
02032		XA342	24		XA342	40			16B	9			DMAACA	09	DD10A2X	01	3	MUX	B2		12A			
02033		XA342	40		XA341	40			16B	9			DMAACA	10	DD11A2X	01	3	MUX	C2		19A			
02034		XA341	40		XA337	60			16B	9			DMAACA	11	DD17A2X	01	3	MUX	C2		19A			
02035		XA337	60										DMAACA	12	DMAACA	00	1	THI	E3		28A	ADD CONTROL OVERL		
02036		XA343	40		XA343	24			16B	9			DMAACP	01	DD05A2X	01	3	MUX	C2		19A			
02037		XA343	24		XA343	08			16B	9			DMAACP	02	DD04A2X	01	3	MUX	B2		12A			
02038		XA343	08		XA240	40			16B	9			DMAACP	03	DD03A2X	01	3	MUX	A2		04A			
02039		XA240	40		XA240	24			16B	9			DMAACP	04	DD02A2X	01	3	MUX	C2		19A			
02040		XA240	24		XA240	08			16B	9			DMAACP	05	DD01A2X	01	3	MUX	B2		12A			
02041		XA240	08		XA239	08			16B	9			DMAACP	06	DD00A2X	01	3	MUX	A2		04A			
02042		XA239	08		XA231	10			16B	9			DMAACP	07	DD06A2X	01	3	MUX	A2		04A			
02043		XA231	10		XA232	76			16B	9			DMAACP	08	DDSY2A	01	2	TQ2	A1		07A			
02044		XA232	76		XA211	55			16B	9			DMAACP	09	DMAACP	00	1	TDD	LP		37A			
02045		XA211	55										DMAACP	10	DADDDO	01	2	TQ2	E3		29B			
02046		XA246	11		XA347	11			16B	9			DMAACQ	01	DYAACOX	01	1	DCF	A2		04B			
02047		XA347	11		XA337	62			16B	9			DMAACQ	02	DYBACOX	01	1	DCF	A2		04B			
02048		XA337	62		XA337	55			16B	9			DMAACQ	03	DMAACA	01	1	THI	E3		29A			
02049		XA337	55		XA232	78			16B	9			DMAACQ	04	DMAADA	01	1	THI	E4		29B			
02050		XA232	78										DMAACQ	05	DMAACQ	00	1	TDD	LQ		38A	ADD CONTROL		
02051		XA237	08		XA236	08			16B	9			DMAADA	01	DD18A2X	01	3	MUX	A2		04A			
02052		XA236	08		XA235	08			16B	9			DMAADA	02	DD24A2X	01	3	MUX	A2		04A			
02053		XA235	08		XA235	24			16B	9			DMAADA	03	DD30A2X	01	3	MUX	A2		04A			
02054		XA235	24		XA236	24			16B	9			DMAADA	04	DD31A2X	01	3	MUX	B2		12A			
02055		XA236	24		XA237	24			16B	9			DMAADA	05	DD25A2X	01	3	MUX	B2		12A			
02056		XA237	24		XA237	40			16B	9			DMAADA	06	DD19A2X	01	3	MUX	B2		12A			
02057		XA237	40		XA236	40			16B	9			DMAADA	07	DD20A2X	01	3	MUX	C2		19A			
02058		XA236	40		XA339	08			16B	9			DMAADA	08	DD26A2X	01	3	MUX	C2		19A			
02059		XA339	08		XA340	08			16B	9			DMAADA	09	DD27A2X	01	3	MUX	A2		04A			
02060		XA340	08		XA340	24			16B	9			DMAADA	10	DD21A2X	01	3	MUX	A2		04A			
02061		XA340	24		XA339	24			16B	9			DMAADA	11	DD22A2X	01	3	MUX	B2		12A			
									****			SIGNAL	(DMAADA)		IS ON THE						****			

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	PREFIX	CONNECTOR	PIN	INFO	PREFIX	CONNECTOR	PIN	INFO	MULTI GROUP	CODE	COLOR	IDENY											
02062		XA339	24		XA339	40			16B	9			DMAADA	12	DD28A2X	01	3	MUX	B2		12A		
02063		XA339	40		XA340	40			16B	9			DMAADA	13	DD29A2X	01	3	MUX	C2		19A		
02064		XA340	40		XA337	56			16B	9			DMAADA	14	DD23A2X	01	3	MUX	C2		19A		
02065		XA337	56										DMAADA	15	DMAADA	00	1	THI	E4		28B		ADD CONTROL OVERL
02070		XA318	07		XA222	70			16B	9			DMAA01U	01	DXDD61X	01	3	MUX	A1		04B		
02067		XA222	70		XA235	07			16B	9			DMAA01U	02	DMAA01U	00	1	DBC	E1		34A		MEM WORD ADD LSB
02068		XA235	07										DMAA01U	03	DD30A1X	01	3	MUX	A1		04B		
02069		XA339	39		XA319	39			16B	9			DMAA02U	01	DD29A1X	01	3	MUX	C1		18B		
02066		XA319	39		XA222	72			16B	9			DMAA02U	02	DXDD51X	01	3	MUX	C1		18B		
02071		XA222	72										DMAA02U	03	DMAA02U	00	1	DBC	E2		35A		MEM WORD ADD BIT
02072		XA222	74		XA319	23			16B	9			DMAA03U	01	DMAA03U	00	1	DBC	E3		36A		MEM WORD ADD BIT
02073		XA319	23		XA339	23			16B	9			DMAA03U	02	DXDD41X	01	3	MUX	B1		11B		
02074		XA339	23										DMAA03U	03	DD28A1X	01	3	MUX	B1		11B		
02075		XA222	76		XA319	07			16B	9			DMAA04U	01	DMAA04U	00	1	DBC	E4		37A		MEM WORD ADD BIT
02076		XA319	07		XA339	07			16B	9			DMAA04U	02	DXDD31X	01	3	MUX	A1		04B		
02077		XA339	07										DMAA04U	03	DD27A1X	01	3	MUX	A1		04B		
02078		XA217	61		XA220	47			16B	9			DMAA05U	01	DMAA43U	01	1	DBC	D3		31B		
02079		XA220	47		XA221	47			16B	9			DMAA05U	02	DMAA23U	01	1	DBC	C3		23A		
02080		XA221	47		XA221	61			16B	9			DMAA05U	03	DMAA13U	01	1	DBC	C3		23A		
02081		XA221	61		XA222	68			16B	9			DMAA05U	04	DMAA33U	01	1	DBC	D3		31B		
02082		XA222	68										DMAA05U	05	DMAA05U	00	1	DBC	E5		33A		COUNT FULL BIT 27
02083		XA236	39		XA221	38			16B	9			DMAA11U	01	DD26A1X	01	3	MUX	C1		18B		
02084		XA221	38		XA320	39			16B	9			DMAA11U	02	DMAA11U	00	1	DBC	C1		18A		MEM WORD ADD BIT
02085		XA320	39										DMAA11U	03	DXDD21X	01	3	MUX	C1		18B		
02086		XA320	23		XA221	40			16B	9			DMAA12U	01	DXDD11X	01	3	MUX	B1		11B		
02087		XA221	40		XA236	23			16B	9			DMAA12U	02	DMAA12U	00	1	DBC	C2		19A		MEM WORD ADD BIT
02088		XA236	23										DMAA12U	03	DD25A1X	01	3	MUX	B1		11B		
02089		XA320	07		XA221	42			16B	9			DMAA13U	01	DXDD01X	01	3	MUX	A1		04B		
02090		XA221	42		XA236	07			16B	9			DMAA13U	02	DMAA13U	00	1	DBC	C3		20A		MEM WORD ADD BIT
02091		XA236	07										DMAA13U	03	DD24A1X	01	3	MUX	A1		04B		
02092		XA221	46		XA318	25			16B	9			DMAA14U	01	DMAA14U	00	1	DBC	C4		21A		MEM WORD ADD BIT
02120		XA318	25		XA340	39			16B	9			DMAA14U	02	DXDD71X	01	4	MUX	B1		12B		
02094		XA340	39										DMAA14U	03	DD23A1X	01	3	MUX	C1		18B		
02095		XA220	48		XA221	36			16B	9			DMAA15U	01	DMAA24U	01	1	DBC	C4		22A		
02096		XA221	36										DMAA15U	02	DMAA15U	00	1	DBC	C5		17A		COUNT FULL BIT 23
02097		XA340	23		XA318	09			16B	9			DMAA21U	01	DD22A1X	01	3	MUX	B1		11B		
02125		XA318	09		XA220	38			16B	9			DMAA21U	02	DXDD61X	01	4	MUX	A1		05B		
02099		XA220	38										DMAA21U	03	DMAA21U	00	1	DBC	C1		18A		MEM WORD ADD BIT
									****	SIGNAL			DMAA22U		IS ON THE			NEXT PAGE		****			

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	PREFIX	CONNECTOR	PIN	PIN	CONNECTOR	PIN	WIRE NO.	MULTI GROUP	CODE	COLOR											
02100		XA220	40		XA319	41			16B	9		DMAA22U	01	DMAA22U	00	1	DBC	C2	19A	MEM WORD ADD BIT	
02177		XA319	41		XA340	07			16B	9		DMAA22U	02	DXDD51X	01	4	MUX	C1	19B		
02102		XA340	07									DMAA22U	03	DD21A1X	01	3	MUX	A1	04B		
02103		XA237	39		XA220	42			16B	9		DMAA23U	01	DD20A1X	01	3	MUX	C1	18B		
02104		XA220	42		XA319	25			16B	9		DMAA23U	02	DMAA23U	00	1	DBC	C3	20A	MEM WORD ADD BIT	
02238		XA319	25									DMAA23U	03	DXDD41X	01	4	MUX	B1	12B		
02241		XA319	09		XA220	46			16B	9		DMAA24U	01	DXDD31X	01	4	MUX	A1	05B		
02107		XA220	46		XA237	23			16B	9		DMAA24U	02	DMAA24U	00	1	DBC	C4	21A	MEM WORD ADD BIT	
02108		XA237	23									DMAA24U	03	DD19A1X	01	3	MUX	B1	11B		
02109		XA221	64		XA220	36			16B	9		DMAA25U	01	DMAA34U	01	1	DBC	D4	30A		
02110		XA220	36									DMAA25U	02	DMAA25U	00	1	DBC	C5	17A	COUNT FULL BIT 19	
02242		XA320	41		XA221	54			16B	9		DMAA31U	01	DXDD21X	01	4	MUX	C1	19B		
02112		XA221	54		XA237	07			16B	9		DMAA31U	02	DMAA31U	00	1	DBC	D1	26A	MEM WORD ADD BIT	
02113		XA237	07									DMAA31U	03	DD18A1X	01	3	MUX	A1	04B		
02114		XA221	56		XA320	25			16B	9		DMAA32U	01	DMAA32U	00	1	DBC	D2	28B	MEM WORD ADD BIT	B05
02245		XA320	25		XA341	39			16B	9		DMAA32U	015	DXDD11X	01	4	MUX	B1	12B		
02115		XA341	39									DMAA32U	02	DD17A1X	01	3	MUX	C1	18B		
02116		XA341	23		XA320	09			16B	9		DMAA33U	01	DD16A1X	01	3	MUX	B1	11B		
02246		XA320	09		XA221	60			16B	9		DMAA33U	02	DXDD01X	01	4	MUX	A1	05B		
02118		XA221	60									DMAA33U	03	DMAA33U	00	1	DBC	D3	28A	MEM WORD ADD BIT	B05
02119		XA341	07		XA318	21			16B	9		DMAA34U	01	DD15A1X	01	3	MUX	A1	04B		
02093		XA318	21		XA221	62			16B	9		DMAA34U	02	DXDD71X	01	2	MUX	B1	10B		
02122		XA221	62									DMAA34U	04	DMAA34U	00	1	DBC	D4	29A	MEM WORD ADD BIT	B05
02123		XA217	64		XA221	52			16B	9		DMAA35U	01	DMAA44U	01	1	DBC	D4	30A		
02124		XA221	52									DMAA35U	02	DMAA35U	00	1	DBC	D5	25A	COUNT FULL BIT 15	
02098		XA318	05		XA217	54			16B	9		DMAA41U	01	DXDD61X	01	2	MUX	A1	03B		
02126		XA217	54		XA238	39			16B	9		DMAA41U	02	DMAA41U	00	1	DBC	D1	26A	MSB MEM ADD REG	
02127		XA238	39									DMAA41U	03	DD14A1X	01	3	MUX	C1	18B		
02128		XA217	51		XA220	37			16B	9		DMACKA	01	DMAA42U	01	1	DBC	D2	25B		
02129		XA220	37		XA221	37			16B	9		DMACKA	02	DMAA22U	01	1	DBC	C2	17B		
02130		XA221	37		XA221	51			16B	9		DMACKA	03	DMAA12U	01	1	DBC	C2	17B		
02131		XA221	51		XA222	69			16B	9		DMACKA	04	DMAA32U	01	1	DBC	D2	25B		
02132		XA222	69		XA337	57			16B	9		DMACKA	05	DMAA02U	01	1	DBC	E2	32A		
02133		XA337	57									DMACKA	06	DMACKA	00	1	THI	E5	30B	CLK MEM CONT. WORD	
02134		XA223	60		XA337	59			16B	9		DMACKO	01	DMACKO	00	1	TQ2	E2	28A		
02135		XA337	59		XA337	69			16B	9		DMACKO	02	DMACKA	01	1	THI	E5	31B		
02136		XA337	69									DMACKO	03	DMACKA	01	1	THI	E3	35B		
02137		XA333	45		XA223	62			16B	9		DMACIA	01	DMACIA	00	1	TQ2	D3	24B	CLK LOAD MCH	
									****	SIGNAL		DMACIA		IS ON THE					NEXT PAGE	****	

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	PREFIX	CONNECTOR	PIN	PREFIX	CONNECTOR	PIN	MULTI GROUP	CODE	COLOR	IDENT													
02138		XA223	62									DMAC1A	02	DMACKO	01	1	TQ2	E2		29A			
02139		XA223	64		XA311	63			16B	9		DMAC2A	01	DMACKO	01	2	TQ2	E2		30A			
04240		XA311	63									DMAC2A	02	DMAC2A	00	1	TT3	E3		33B	CONTROL CLK FOR C		
02141		XA217	63		XA221	50			16B	9		DMALCA	01	DMAA41U	01	5	DBC	D1		31A			
02142		XA221	50		XA220	50			16B	9		DMALCA	02	DMAA11U	01	5	DBC	C1		24A			
02143		XA220	50		XA221	63			16B	9		DMALCA	03	DMAA21U	01	5	DBC	C1		24A			
02144		XA221	63		XA220	80			16B	9		DMALCA	04	DMAA31U	01	5	DBC	D1		31A			
02145		XA220	80		XA221	80			16B	9		DMALCA	05	DMBL11U	01	5	DBC	E1		38B			
02146		XA221	80		XA222	80			16B	9		DMALCA	06	DMBL01U	01	5	DBC	E1		38B			
02147		XA222	80		XA337	80			16B	9		DMALCA	07	DMAA01U	01	5	DBC	E1		38B			
02148		XA337	80									DMALCA	08	DMALCA	00	1	THI	F1		38B	LOAD CONTROL MEM		
11171		XA309	04		XA206	49			16B	9		DMARIA	00	DBLOOP	01	1	TDD	BP		04A		807	
02151		XA206	49		XA216	66			16B	9		DMARIA	01	DREOB5U	01	1	DBC	D5		24B			
02152		XA216	66		XA217	49			16B	9		DMARIA	02	DMBL25U	01	1	DBC	E5		32B			
02153		XA217	49		XA220	35			16B	9		DMARIA	03	DMAA45U	01	1	DBC	D5		24B			
02154		XA220	35		XA221	35			16B	9		DMARIA	04	DMAA25U	01	1	DBC	C5		16B			
02155		XA221	35		XA221	49			16B	9		DMARIA	05	DMAA15U	01	1	DBC	C5		16B			
02156		XA221	49		XA220	66			16B	9		DMARIA	06	DMAA35U	01	1	DBC	D5		24B			
02157		XA220	66		XA221	66			16B	9		DMARIA	07	DMBL15U	01	1	DBC	E5		32B			
02158		XA221	66		XA222	66			16B	9		DMARIA	08	DMBL05U	01	1	DBC	E5		32B			
02159		XA222	66		XA337	71			16B	9		DMARIA	09	DMAA05U	01	1	DBC	E5		32B			
02160		XA337	71									DMARIA	10	DMARIA	00	1	THI	F2		36B	RESET MEM ADD REG		
02161		XA223	57		XA337	73			16B	9		DMAR10	01	DMAR10	00	1	TQ2	E3		30B			
02162		XA337	73									DMAR10	02	DMARIA	01	1	THI	F2		37B			
11321		XA348	29		XA241	31			16B	9		DMAS1GX	005				SHT					806	
02163		XA241	31		XA241	33			16B	9		DMAS1GX	01	DMAS1GX	00	1	ACF	B1					
02164		XA241	33									DMAS1GX	02				ACF	RB					
02166		XA241	29		XA348	30			16B	9		DMAS1HX	01	DMAS1HX	00	1	ACF	B2					
11322		XA348	30									DMAS1HX	02				SHT						806
02168		XA241	23		XA241	27			16B	9		DMAS2GX	01	DMAS2GX	00	1	ACF	C1					
02169		XA241	27		XA250	76			16B	9		DMAS2GX	02				ACF	RC					
02170		XA250	76									DMAS2GX	03				EXT						
02171		XA241	25		XA250	75			16B	9		DMAS2HX	01	DMAS2HX	00	1	ACF	C2					
02172		XA250	75									DMAS2HX	02				EXT						
02173		XA237	57		XA241	65			16B	9		DMAS2TX	01	DD08CTB	01	1	MUX	D2		29B			
02174		XA241	65									DMAS2TX	02	DMAS2TX	00	1	ACF	C3		32A	MEM PORT A SYNC 2		
03164		XA333	13		XA334	76			16B	9		DMATDP	00C	DDPECA	01	2	TQ2	A4		06B		809	
02175		XA334	76		XA311	62			16B	9		DMATDP	005	DMATDP	00	1	TDD	LP		37A			
03232		XA311	62		XA214	05			16B	9		DMATDP	01	DTCK4A	01	3	TT3	E2		29A		805	
10807		XA214	05		XA108	43			16B	9		DMATDP	015	DST5MA	01	3	TT3	A2		03B		805	
									****	SIGNAL		DMATDP		IS ON THE						****			

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	PREFIX	CONNECTOR	PIN	DR L/O	PREFIX	CONNECTOR	PIN	DR L/O	MULTI GROUP	CODE	COLOR	IDENT											
02176		XA108	43										DMATDP	02	DTCCSA	01	1	TD4	D2		23B		
02101		XA319	37		XA334	78			16B	9			DMATDQ	01	DXDD51X	01	2	MUX	C1		17B		
02178		XA334	78										DMATDQ	02	DMATDQ	00	1	TDD	LQ		38A	TEST DATA PATH F.	
02181		XA337	70		XA221	69			16B	9			DMBCKA	01	DMBCKA	00	1	THI	F3		34B	CLK MEM BLK LENGT	
02182		XA221	69		XA220	69			16B	9			DMBCKA	02	DMBLO2U	01	1	DBC	E2		32A		
02183		XA220	69		XA216	69			16B	9			DMBCKA	03	DMBL12U	01	1	DBC	E2		32A		
02184		XA216	69										DMBCKA	04	DMBL22U	01	1	DBC	E2		32A		
02185		XA218	76		XA337	74			16B	9			DMBLOA	01	DMBLOA	00	1	TS8	F1		37A	MEM WORD COUNT AL	
02186		XA337	74										DMBLOA	02	DMBLO0	01	1	THI	F4		35A		
02187		XA212	33		XA337	72			16B	9			DMBLO0	01	DREC6A	01	1	TT3	C3		16B		
02188		XA337	72										DMBLO0	02	DMBLO0	00	1	THI	F4		34A		
02189		XA221	70		XA215	11			16B	9			DMBLO1U	01	DMBLO1U	00	1	DBC	E1		34A	MEM BLOCK LENGTH	
02190		XA215	11										DMBLO1U	02	DMB01A	01	1	THI	A1		07A		
02191		XA215	06		XA221	72			16B	9			DMBLO2U	01	DMB02A	01	1	THI	A2		05A		
02192		XA221	72										DMBLO2U	02	DMBLO2U	00	1	DBC	E2		35A	BIT 09	
02193		XA221	74		XA215	04			16B	9			DMBLO3U	01	DMBLO3U	00	1	DBC	E3		36A	BIT 08	
02194		XA215	04										DMBLO3U	02	DMB03A	01	1	THI	A3		02A		
07399		XA303	59		XA215	05			16B	9			DMBLO4U	005	DRA170	01	1	TQ2	F4		31B		
02195		XA215	05		XA221	76			16B	9			DMBLO4U	01	DMB04A	01	1	THI	A4		03B		
02196		XA221	76										DMBLO4U	02	DMBLO4U	00	1	DBC	E4		37A	BIT 07	
02197		XA221	68		XA220	79			16B	9			DMBLO5U	01	DMBLO5U	00	1	DBC	E5		33A	BIT 07-09 ALL ONE	
02198		XA220	79		XA216	78			16B	9			DMBLO5U	02	DMBL13U	01	1	DBC	E3		37B		
02199		XA216	78		XA218	71			16B	9			DMBLO5U	03	DMBL24U	01	1	DBC	E4		38A		
02200		XA218	71		XA218	30			16B	9			DMBLO5U	04	DMBLOA	01	1	TS8	F1		36A		
02201		XA218	30										DMBLO5U	05	DMBL00A	01	1	TS8	C1		15A		
02202		XA215	09		XA220	70			16B	9			DMBL11U	01	DMBL11A	01	1	THI	A5		05B		
02203		XA220	70										DMBL11U	02	DMBL11U	00	1	DBC	E1		34A	BIT 06 MEM BLOCK	
02204		XA220	72		XA215	15			16B	9			DMBL12U	01	DMBL12U	00	1	DBC	E2		35A	BIT 05	
02205		XA215	15		XA102	40			16B	9			DMBL12U	02	DMBL2A	01	1	THI	A6		07B		
07042		XA102	40										DMBL12U	03	DRA150	01	7	TS8	C1		19A		
07061		XA102	38		XA215	22			16B	9			DMBL13U	005	DRA150	01	6	TS8	C1		18A		
02206		XA215	22		XA220	74			16B	9			DMBL13U	01	DMBL13A	01	1	THI	B1		14A		
02207		XA220	74										DMBL13U	02	DMBL13U	00	1	DBC	E3		36A	BIT 04	
02208		XA220	76		XA215	23			16B	9			DMBL14U	01	DMBL14U	00	1	DBC	E4		37A	BIT 03	
02209		XA215	23		XA102	37			16B	9			DMBL14U	02	DMBL14A	01	1	THI	B2		12A		
06936		XA102	37										DMBL14U	03	DRA150	01	5	TS8	C1		18B		
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	PREFIX	CONNECTOR	PIN	PIN	PREFIX	CONNECTOR	PIN	PIN	MULTI GROUP	CODE	COLOR													IDENTY
02210		XA216	79		XA218	72			16B	9			DMBL15U	01	DMBL23U	01	1	DBC	E3		37B			
02211		XA218	72		XA220	68			16B	9			DMBL15U	02	DMBL0A	01	2	TS8	F1		34A			
02212		XA220	68		XA218	31			16B	9			DMBL15U	03	DMBL15U	00	1	DBC	E5		33A			
02213		XA218	31										DMBL15U	04	DBL00A	01	2	TS8	C1		15B		BITS 03-10 ALL ON	
06944		XA102	36		XA215	20			16B	9			DMBL21U	005	DRA150	01	4	TS8	C1		17A			
02214		XA215	20		XA218	34			16B	9			DMBL21U	01	DMB21A	01	1	THI	B3		10A			
02215		XA218	34		XA218	73			16B	9			DMBL21U	02	DBL00A	01	3	TS8	C1		16A			
02216		XA218	73		XA216	70			16B	9			DMBL21U	03	DMBLOA	01	3	TS8	F1		36B			
02217		XA216	70										DMBL21U	04	DMBL21U	00	1	DBC	E1		34A		BIT 02 MEM BLOCK	
02218		XA216	72		XA218	74			16B	9			DMBL22U	01	DMBL22U	00	1	DBC	E2		35A		BIT 01	
02219		XA218	74		XA218	36			16B	9			DMBL22U	02	DMBLOA	01	4	TS8	F1		35B			
02220		XA218	36		XA215	17			16B	9			DMBL22U	03	DBL00A	01	4	TS8	C1		17A			
02221		XA215	17		XA102	34			16B	9			DMBL22U	04	DMB22A	01	1	THI	B4		09B			
07020		XA102	34										DMBL22U	05	DRA150	01	3	TS8	C1		16A			
06858		XA102	31		XA215	21			16B	9			DMBL23U	005	DRA150	01	2	TS8	C1		15B			
02222		XA215	21		XA218	37			16B	9			DMBL23U	01	DMB23A	01	1	THI	B5		11B			
02223		XA218	37		XA218	75			16B	9			DMBL23U	02	DBL00A	01	5	TS8	C1		18B			
02224		XA218	75		XA216	74			16B	9			DMBL23U	03	DMBLOA	01	5	TS8	F1		37B			
02225		XA216	74										DMBL23U	04	DMBL23U	00	1	DBC	E3		36A		BIT 00 MSB BL	
11325		XA348	33		XA241	53			16B	9			DMBS1GX	005				SHT						
02226		XA241	53		XA241	59			16B	9			DMBS1GX	01				ACF	RD					B06
02227		XA241	59										DMBS1GX	02	DMBS1GX	00	1	ACF	D1					
02229		XA241	57		XA348	36			16B	9			DMBS1HX	01	DMBS1HX	00	1	ACF	D2					
11328		XA348	36										DMBS1HX	02				SHT						B06
02231		XA351	76		XA241	55			16B	9			DMBS2GX	01				EXT						
02232		XA241	55		XA241	51			16B	9			DMBS2GX	02				ACF	RE					
02233		XA241	51										DMBS2GX	03	DMBS2GX	00	1	ACF	E1					
02234		XA241	49		XA351	75			16B	9			DMBS2HX	01	DMBS2HX	00	1	ACF	E2					
02235		XA351	75										DMBS2HX	02				EXT						
02236		XA237	59		XA241	72			16B	9			DMBS2TX	01	DD08CTB	01	2	MUX	D2		30B			
02237		XA241	72										DMBS2TX	02	DMBS2TX	00	1	ACF	E3		38A			NEM PORT B SYNC 2
02105		XA319	21		XA215	13			16B	9			DMB01A	01	DXDD41X	01	2	MUX	B1		10B			
02239		XA215	13										DMB01A	02	DMB01A	00	1	THI	A1		06A			
02240		XA215	08		XA319	05			16B	9			DMB02A	01	DMB02A	00	1	THI	A2		04A			
02106		XA319	05		XA333	50			16B	9			DMB02A	02	DXDD31X	01	2	MUX	A1		03B			
02995		XA333	50										DMB02A	03	DRA18A	01	2	TQ2	D2		23A			
03056		XA333	48		XA320	37			16B	9			DMB03A	005	DRA18A	01	1	TQ2	D2		22A			
02111		XA320	37		XA215	03			16B	9			DMB03A	01	DXDD21X	01	2	MUX	C1		17B			
02243		XA215	03										DMB03A	02	DMB03A	00	1	THI	A3		03A			

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	PREFIX	CONNECTOR	PIN	IFC	PREFIX	CONNECTOR	PIN	IFC	MULTI GROUP	CODE	COLOR	IDENT											
02281		XA230	35		XA230	34				16B	9		DMCK40	03	DDCK3A	01	1	TQ2	C4		17B		
02282		XA230	34		XA230	40				16B	9		DMCK40	04	DDCK1A	01	1	TQ2	C2		16A		
02283		XA230	40		XA333	60				16B	9		DMCK40	05	DDCK0A	01	1	TQ2	C1		19A		
02284		XA333	60										DMCK40	06	DMCK40	00	1	TQ2	E2		28A		
03128		XA108	42		XA333	63				16B	9		DMCK50	01	DMCK4A	01	4	TD4	C1		20A		
02317		XA333	63										DMCK50	02	DMCK50	00	1	TQ2	E4		33B	CYCLE COMPLETE	
11720		XA302	80		XA333	61				16B	9		DMCK6A	01	DMCK6A	00	1	TQ2	F4		39A		
04135		XA333	61										DMCK6A	02	DMCK50	01	2	TQ2	E4		32B		
02286		XA223	72		XA220	51				16B	9		DMCLKA	02	DMCLKA	00	1	TQ2	F2		34A	CLK FOR MEM COMMA	
02287		XA220	51		XA217	69				16B	9		DMCLKA	03	DMMC02U	01	1	DBC	D2		25B		
02288		XA217	69		XA216	51				16B	9		DMCLKA	04	DMMC32U	01	1	DBC	E2		32A		
02289		XA216	51		XA217	37				16B	9		DMCLKA	05	DMMC42U	01	1	DBC	D2		25B		
02290		XA217	37		XA216	37				16B	9		DMCLKA	06	DMMC12U	01	1	DBC	C2		17B		
02291		XA216	37										DMCLKA	07	DMMC22U	01	1	DBC	C2		17B		
02292		XA223	73		XA219	31				16B	9		DMCLLO	01	DMCLKA	01	2	TQ2	F2		36B		
02293		XA219	31										DMCLLO	02	DMCLLO	00	1	TT3	C2		15B	CLK TO UPDATE MEM	
02294		XA210	08		XA215	40				16B	9		DMCL8A	01	DMCL8T	01	1	TDD	AI		06A		
02295		XA215	40										DMCL8A	02	DMCL8A	00	1	THI	C1		19A		
11194		XA309	30		XA208	14				16B	9		DMCL8P	005	DMREBN	01	1	TDD	FN		15A		D03
02296		XA208	14		XA210	11				16B	9		DMCL8P	01	DMSC0N	01	1	TDD	DN		09A		
02297		XA210	11		XA209	30				16B	9		DMCL8P	02	DMCL8P	00	1	TDD	AP		05B		
02298		XA209	30		XA209	42				16B	9		DMCL8P	03	DMSTPN	01	1	TDD	FN		15A		
02299		XA209	42		XA223	61				16B	9		DMCL8P	04	DMSC2N	01	1	TDD	EN		20A		
02535		XA223	61		XA334	60				16B	9		DMCL8P	05	DMRESA	01	2	TQ2	F4		32B		
02301		XA334	60										DMCL8P	06	DMSC1N	01	1	TDD	KN		28A		
02302		XA210	13		XA215	38				16B	9		DMCL8Q	01	DMCL8Q	00	1	TDD	A0		06B	GEN 8 MHZ MEMORY	
02303		XA215	38		XA333	71				16B	9		DMCL8Q	02	DMCL8A	01	1	THI	C1		20A		
02304		XA333	71										DMCL8Q	03	DMFC2A	01	1	TQ2	F2		36A		
02305		XA210	01		XA215	37				16B	9		DMCPCA	01	DMCPLN	01	1	TDD	BN		02B		
02306		XA215	37										DMCPCA	02	DMCPCA	00	1	THI	C2		17A	CLK FOR CYCLE COM	
02307		XA224	09		XA215	35				16B	9		DMCPCO	01	DMCPCO	00	1	TQ2	A3		04B		
02308		XA215	35										DMCPCO	02	DMCPCA	01	1	THI	C2		18A		
02309		XA210	09		XA109	50				16B	9		DMCPLP	01	DMCPLP	00	1	TDD	BP		04B		
07068		XA109	50										DMCPLP	02	DMRE2A	01	5	TS8	D1		23A		
02312		XA103	07		XA210	07				16B	9		DMCPLQ	01	DTSE1A	01	2	TQ2	A3		03A		
02313		XA210	07		XA333	53				16B	9		DMCPLQ	02	DMCPLQ	00	1	TDD	B0		03A	MEM CYCLE COMPLETE	
02314		XA333	53										DMCPLQ	03	DMCPLA	01	1	TQ2	E3		28B		
02315		XA224	03		XA333	57				16B	9		DMCP1A	01	DMCPCO	01	1	TQ2	A3		02A		
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	PREFIX	CONNECTOR	PIN	SH PC	PREFIX	CONNECTOR	PIN	SH PC	MULTI GROUP	CODE	COLOR	IDENT													
02316		XA333	57										DMCP1A	02	DMCP1A	00	1	TQ2	E3		30B	SELECT NORMAL 8 M			
02319		XA219	39		XA223	47				16B	9		DMCY1A	01	DMCY1A	00	1	TT3	C3		19B	WRITE . NO P.E.-	B07		
00919		XA223	47		XA112	68				16B	9		DMCY1A	02	DMCY10	01	1	TQ2	D4		25B		E01		
07983		XA112	68										DMCY1A	03	DMFULO	01	2	TT3	E1		32A		E01		
02323		XA333	73		XA223	51				16B	9		DMCY10	01	DMFC2A	01	2	TQ2	F2		36B		B07		
00860		XA223	51		XA210	05				16B	9		DMCY10	02	DMCY10	00	1	TQ2	D4		27B	CONTROL CYCLIC REG	B07		
02322		XA210	05										DMCY10	03	DMCPLI	01	1	TDD	BI		03B				
10830		XA214	31		XA223	49				16B	9		DMCY2A	01	DMCY2A	00	1	TT3	C2		15B		B07		
00924		XA223	49										DMCY2A	02	DMCY10	01	2	TQ2	D4		26B		B07		
02325		XA210	26		XA223	66				16B	9		DMFCKA	01	DMFULN	01	1	TDD	CN		14A				
00925		XA223	66										DMFCKA	03	DMFCKA	00	1	TQ2	E1		31A	BIT 32+ FIRST WD			
02968		XA223	68		XA211	45				16B	9		DMFCKO	01	DMFCKA	01	1	TQ2	E1		32A				
02328		XA211	45										DMFCKO	02	DMFCKO	00	1	TQ2	D3		24B				
02329		XA333	75		XA211	41				16B	9		DMFC1A	01	DMFC1A	00	1	TQ2	E1		37B	NORMAL 8MHZ CLK			
02330		XA211	41										DMFC1A	02	DMFCKO	01	1	TQ2	D3		22B				
02331		XA211	43		XA224	07				16B	9		DMFC2A	01	DMFCKO	01	2	TQ2	D3		23B				
02318		XA224	07		XA333	72				16B	9		DMFC2A	02	DMCPCO	01	2	TQ2	A3		03A				
02332		XA333	72										DMFC2A	03	DMFC2A	00	1	TQ2	F2		34A	SEL. MEM 8MHZ CLK			
02333		XA328	24		XA210	23				16B	9		DMFULP	01	DMRE3A	01	2	TD4	B1		13A				
02336		XA210	23		XA109	46				16B	9		DMFULP	02	DMFULP	00	1	TDD	CP		11B				
06902		XA109	46		XA108	38				16B	9		DMFULP	03	DMRE2A	01	2	TS8	D1		21A				
02989		XA108	38		XA102	75				16B	9		DMFULP	04	DMCK4A	01	2	TD4	C1		18A				
07017		XA102	75		XA102	26				16B	9		DMFULP	05	DTSH4A	01	5	TS8	F1		37B		D06		
06859		XA102	26										DMFULP	06	DTSE2A	01	8	TS8	B1		14A		D06		
07229		XA224	71		XA212	10				16B	9		DMFULQ	01	DTSE6A	01	1	TQ2	F2		36A				
02338		XA212	10		XA210	25				16B	9		DMFULQ	02	DMCK2A	01	3	TT3	A1		07A				
02337		XA210	25										DMFULQ	03	DMFULQ	00	1	TDD	CQ		12B	MEM DATA REG FIBL			
02339		XA210	24		XA112	64				16B	9		DMFULO	01	DMFULI	01	1	TDD	CI		13A		E01		
07980		XA112	64										DMFULO	02	DMFULO	00	1	TT3	E1		30A		E01		
02341		XA316	51		XA211	01				16B	9		DMIPEO	01	DXDBOTA	01	1	MUX	D1		25B				
02342		XA211	01										DMIPEO	02	DMIPEO	00	1	TQ2	A2		02B	I/O + MEM PE			
04818		XA220	63		XA217	50				16B	9		DMMCPA	01	DMMCO1U	01	5	DBC	D1		31A		D08		
04819		XA217	50		XA216	50				16B	9		DMMCPA	02	DMMCO1U	01	5	DBC	C1		24A		D08		
04820		XA216	50		XA216	63				16B	9		DMMCPA	03	DMMCO2U	01	5	DBC	C1		24A		D08		
04821		XA216	63		XA217	80				16B	9		DMMCPA	04	DMMCO4U	01	5	DBC	D1		31A		D08		
04822		XA217	80		XA112	63				16B	9		DMMCPA	05	DMMCO3U	01	5	DBC	E1		38B		D08		
07979		XA112	63										DMMCPA	06	DMMCPA	00	1	TT3	E3		33B		D08		
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	PREFIX	CONNECTOR	PIN	PREFIX	CONNECTOR	PIN	MULTI GROUP	CODE	COLOR	IDENT													
02343		XA318	18		XA220	54			16B	9		DMMC01U	01	DXDD61X	01	7	MUX	A1		09A	CMD MEM ADD BIT 3		
02344		XA220	54		XA235	05			16B	9		DMMC01U	02	DMMC01U	00	1	DBC	D1		26A			
02345		XA235	05									DMMC01U	03	DD30A1X	01	2	MUX	A1		03B			
02346		XA339	37		XA319	47			16B	9		DMMC02U	01	DD29A1X	01	2	MUX	C1		17B	CMD MEM ADD BIT 2		
02347		XA319	47		XA220	56			16B	9		DMMC02U	02	DXDD51X	01	7	MUX	C1		23A			
02349		XA220	56									DMMC02U	04	DMMC02U	00	1	DBC	D2		28B			
02350		XA220	60		XA319	34			16B	9		DMMC03U	01	DMMC03U	00	1	DBC	D3		28A	CMD MEM ADD BIT 2		
02348		XA319	34		XA339	21			16B	9		DMMC03U	02	DXDD41X	01	7	MUX	B1		15B			
02352		XA339	21									DMMC03U	03	DD28A1X	01	2	MUX	B1		10B			
02353		XA220	62		XA339	05			16B	9		DMMC04U	01	DMMC04U	00	1	DBC	D4		29A	CMD MEM ADD BIT 2		
02354		XA339	05		XA319	18			16B	9		DMMC04U	02	DD27A1X	01	2	MUX	A1		03B			
02351		XA319	18									DMMC04U	03	DXDD31X	01	7	MUX	A1		09A			
02355		XA217	79		XA216	61			16B	9		DMMC05U	01	DMMC33U	01	1	DBC	E3		37B	COUNT FULL		
02356		XA216	61		XA216	47			16B	9		DMMC05U	02	DMMC43U	01	1	DBC	D3		31B			
02357		XA216	47		XA217	47			16B	9		DMMC05U	03	DMMC23U	01	1	DBC	C3		23A			
02358		XA217	47		XA220	52			16B	9		DMMC05U	04	DMMC13U	01	1	DBC	C3		23A			
02359		XA220	52									DMMC05U	05	DMMC05U	00	1	DBC	D5		25A			
02360		XA236	37		XA217	38			16B	9		DMMC11U	01	DD26A1X	01	2	MUX	C1		17B	CMD MEM ADD BIT 2		
02361		XA217	38		XA320	47			16B	9		DMMC11U	02	DMMC11U	00	1	DBC	C1		18A			
02362		XA320	47									DMMC11U	03	DXDD21X	01	7	MUX	C1		23A			
02363		XA320	34		XA217	40			16B	9		DMMC12U	01	DXDD11X	01	7	MUX	B1		15B	CMD MEM ADD BIT 2		
02364		XA217	40		XA236	21			16B	9		DMMC12U	02	DMMC12U	00	1	DBC	C2		19A			
02365		XA236	21									DMMC12U	03	DD25A1X	01	2	MUX	B1		10B			
02366		XA320	18		XA217	42			16B	9		DMMC13U	01	DXDD01X	01	7	MUX	A1		09A	CMD MEM ADD BIT 2		
02367		XA217	42		XA236	05			16B	9		DMMC13U	02	DMMC13U	00	1	DBC	C3		20A			
02368		XA236	05									DMMC13U	03	DD24A1X	01	2	MUX	A1		03B			
02369		XA217	46		XA318	33			16B	9		DMMC14U	01	DMMC14U	00	1	DBC	C4		21A	CMD MEM ADD BIT 2		
02399		XA318	33		XA340	37			16B	9		DMMC14U	02	DXDD71X	01	8	MUX	B1		16A			
02371		XA340	37									DMMC14U	03	DD23A1X	01	2	MUX	C1		17B			
02372		XA216	48		XA217	36			16B	9		DMMC15U	01	DMMC24U	01	1	DBC	C4		22A	COUNT FULL		
02373		XA217	36									DMMC15U	02	DMMC15U	00	1	DBC	C5		17A			
02374		XA340	21		XA318	17			16B	9		DMMC21U	01	DD22A1X	01	2	MUX	B1		10B			
02401		XA318	17		XA216	38			16B	9		DMMC21U	02	DXDD61X	01	8	MUX	A1		08B	CMD MEM ADD BIT 2		
02376		XA216	38									DMMC21U	03	DMMC21U	00	1	DBC	C1		18A			
02377		XA216	40		XA319	50			16B	9		DMMC22U	01	DMMC22U	00	1	DBC	C2		19A			
01875		XA319	50		XA340	05			16B	9		DMMC22U	02	DXDD51X	01	8	MUX	C1		24A	CMD MEM ADD BIT 2		
02380		XA340	05									DMMC22U	04	DD21A1X	01	2	MUX	A1		03B			
02381		XA237	37		XA216	42			16B	9		DMMC23U	01	DD20A1X	01	2	MUX	C1		17B			
									****	SIGNAL		(DMMC23U)		IS ON THE						NEXT PAGE	****		

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RECORD NUMBER	FROM			SMT	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	OR EC	MULTI GROUP	CODE	COLOR										IDENT	AND		
02382 03279		XA216 XA319	42 33			XA319 33					168	9			DMMC23U 02 DMMC23U 03	DMC23U DXDD41X	00 1 01 8	DBC MUX	C3 B1		20A 16A		CMD MEM ADD BIT 2	
03048 02384 02385		XA319 XA216 XA237	17 46 21			XA216 XA237 21					168	9			DMMC24U 005 DMMC24U 01 DMMC24U 02	DXDD31X DMMC24U DD19A1X	01 8 00 1 01 2	MUX DBC MUX	A1 C4 B1		08B 21A 10B		CMD MEM ADD BIT 1	
02386 02388		XA217 XA216	78 36			XA216 36					168	9			DMMC25U 01 DMMC25U 03	DMMC34U DMMC25U	01 1 00 1	DBC DBC	E4 C5		38A 17A		COUNT FULL	
03166 02390 02391		XA320 XA217 XA237	50 70 05			XA217 XA237 05					168	9			DMMC31U 01 DMMC31U 02 DMMC31U 03	DXDD21X DMMC31U DD18A1X	01 8 00 1 01 2	MUX DBC MUX	C1 E1 A1		24A 34A 03B		CMD MEM ADD BIT 1	
02392 04333 02394		XA217 XA320 XA341	72 33 37			XA320 XA341 37					168	9			DMMC32U 01 DMMC32U 02 DMMC32U 03	DMMC32U DXDD11X DD17A1X	00 1 01 8 01 2	DBC MUX MUX	E2 B1 C1		35A 16A 17B		CMD MEM ADD BIT 1	
02395 01035 02397		XA341 XA320 XA217	21 17 74			XA320 XA217 74					168	9			DMMC33U 01 DMMC33U 02 DMMC33U 03	DD16A1X DXDD01X DMMC33U	01 2 01 8 00 1	MUX MUX DBC	B1 A1 E3		10B 08B 36A		CMD MEM ADD BIT 1	
02398 02370 02400		XA217 XA318 XA341	76 31 05			XA318 XA341 05					168	9			DMMC34U 01 DMMC34U 02 DMMC34U 03	DMMC34U DXDD71X DD15A1X	00 1 01 6 01 2	DBC MUX MUX	E4 B1 A1		37A 14B 03B		CMD MEM ADD BIT 1	
02387 11976		XA216 XA217	64 68			XA217 68					168	9			DMMC35U 01 DMMC35U 02	DMMC44U DMMC35U	01 1 00 1	DBC DBC	D4 E5		30A 33A		COUNT FULL	
02375 02402 02403		XA318 XA216 XA238	15 54 37			XA216 XA238 37					168	9			DMMC41U 01 DMMC41U 02 DMMC41U 03	DXDD61X DMMC41U DD14A1X	01 6 00 1 01 2	MUX DBC MUX	A1 D1 C1		07B 26A 17B		MSB MEM CONTROL W	
11235 02406 02446		XA309 XA209 XA232	75 21 75			XA209 XA232 75					168	9			DMMRSP 005 DMMRSP 01 DMMRSP 04	DMSTQP DMMRSP DMAACP	01 1 00 1 01 1	TDD TDD TDD	1P DP 1P		37B 10B 37B			C08 003
02408 02409		XA211 XA209	62 19			XA209 19					168	9			DMMRSQ 01 DMMRSQ 02	DMT16A DMMRSQ	01 1 00 1	TQ2 TDD	E2 D0		29A 09B		GEN. MEM RESET	
02410 02411		XA211 XA210	18 19			XA210 19					168	9			DMMRTQ 01 DMMRTQ 02	DMRSTA DMMRTQ	01 1 00 1	TQ2 TDD	B2 D0		10A 09B		MEMORY RESET FF	
02412 02413 02414 02415 02416 02417		XA215 XA216 XA217 XA216 XA220 XA217	31 35 35 49 49 66			XA216 XA217 XA216 XA220 XA217 66					168	9			DMMR1A 01 DMMR1A 02 DMMR1A 03 DMMR1A 04 DMMR1A 05 DMMR1A 06	DMMR1A DMMC25U DMMC15U DMMC45U DMMC05U DMMC35U	00 1 01 1 01 1 01 1 01 1 01 1	THI DBC DBC DBC DBC DBC	C5 C5 C5 D5 D5 E5		16B 16B 16B 24B 24B 32B		RESET MEM ADD CON	
												****	SIGNAL	(DMMR10)	IS ON THE NEXT PAGE				****					

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	PREFIX	CONNECTOR	PIN	DRUG	PREFIX	CONNECTOR	PIN	DRUG	MULTI GROUP	CODE	COLOR	IDENT											
02418		XA211	15			XA215	33			16B	9		DMMR10	01	DMMR10	00 1	TQ2	A4		07B			
02419		XA215	33										DMMR10	02	DMMR1A	01 1	THI	C5		17B			
02420		XA209	11			XA211	04			16B	9		DMPEOP	01	DMPEOP	00 1	TDD	AP		05B			
02421		XA211	04			XA218	43			16B	9		DMPEOP	02	DMPEOP	01 1	TQ2	A2		04A			
02423		XA218	43										DMPEOP	04	DERROO	01 1	TS8	D1		23B			
02261		XA208	20			XA209	38			16B	9		DMREBQ	01	DMSCOP	01 1	TDD	DP		11A			
02260		XA209	38			XA211	25			16B	9		DMREBQ	02	DMSC2P	01 1	TDD	EP		18A			
02427		XA211	25			XA309	31			16B	9		DMREBQ	04	DMST1A	01 2	TQ2	B4		12B		D03	
11195		XA309	31			XA334	64			16B	9		DMREBQ	05	DMREBQ	00 1	TDD	FQ		15B		D03	
02263		XA334	64										DMREBQ	06	DMSC1P	01 1	TDD	KP		30A		D03	
02424		XA223	79			XA307	57			16B	9		DMREQP	01	DMCK3A	01 2	TQ2	F1		39B			
11972		XA307	57										DMREQP	02	DMREQP	00 1	TDD	KP		30B			
02180		XA307	55			XA309	36			16B	9		DMREQQ	01	DMREQQ	00 1	TDD	KQ		29B	START MEM. ORER.	D03	
11199		XA309	36							16B	9		DMREQQ	02	DMREBP	01 1	TDD	FP		17A		D03	
02429		XA232	80			XA223	63			16B	9		DMRESA	01	DMAACQ	01 1	TDD	LQ		39A			
02265		XA223	63			XA307	53			16B	9		DMRESA	02	DMRESA	00 1	TQ2	E4		33B			
01962		XA307	53										DMRESA	03	DMREQQ	01 1	TDD	KQ		28B	INDEX CLK		
02432		XA218	23			XA223	59			16B	9		DMRESO	01	DMRESO	00 1	TS8	B1		11B	SET MEM REQ FF CO		
02428		XA223	59										DMRESO	02	DMRESA	01 1	TQ2	E4		31B			
02434		XA211	22			XA218	18			16B	9		DMRE1A	01	DMRE1A	00 1	TQ2	B1		12A	FETCH 1ST CONTROL		
02435		XA218	18			XA223	55			16B	9		DMRE1A	02	DMRESO	01 2	TS8	B1		10A		B05	
02150		XA223	55										DMRE1A	03	DMR10	01 2	TQ2	E3		29B		B05	
11556		XA109	47			XA218	19			16B	9		DMRE2A	01	DMRE2A	00 1	TS8	D1		25B			
02437		XA218	19										DMRE2A	02	DMRESO	01 3	TS8	B1		09B			
02438		XA218	20			XA328	23			16B	9		DMRE3A	01	DMRESO	01 4	TS8	B1		11A			
02439		XA328	23										DMRE3A	02	DMRE3A	00 1	TD4	B1		11B	MEM REQ FOR WRITE		
02440		XA212	07			XA218	22			16B	9		DMRE4A	01	DMRE4A	00 1	TT3	A2		03A	INITAL REQ WRITE		
02441		XA218	22										DMRE4A	02	DMRESO	01 5	TS8	B1		12A			
02442		XA215	47			XA211	14			16B	9		DMRSTA	03	DMRSTO	01 1	THI	D2		24A			
02444		XA211	14										DMRSTA	04	DMRSTA	00 1	TQ2	B2		09A	RESET MEMORY CONT		
02447		XA209	18			XA215	49			16B	9		DMRSTO	01	DMRSTO	01 1	TDD	DI		10A			
02448		XA215	49										DMRSTO	02	DMRSTO	00 1	THI	O2		23A			
02449		XA212	15			XA211	20			16B	9		DMRS10	01	DMRS10	00 1	TT3	A3		07B	OP COMP + MEM ERR		
02450		XA211	20										DMRS10	02	DMRSTA	01 2	TQ2	B2		11A			
02451		XA111	39			XA230	13			16B	9		DMRS2A	01	DMRS2A	00 1	TQ2	C4		19B	RESET DATA REG- R		
02452		XA230	13										DMRS2A	02	DDCLOO	01 2	TQ2	A4		04B			

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	PREFIX	CONNECTOR	PIN	OR LEG	PREFIX	CONNECTOR	PIN	OR LEG	SH PL	MULTI-GROUP	CODE	COLOR												IDENT
02453		XA211	56		XA211	34					168	9		DMSCOP	01	DMST4A	01	2	TQ2	D1		26A		
02454		XA211	34		XA208	21					168	9		DMSCOP	02	DMST0A	01	1	TQ2	C2		16A		
02455		XA208	21											DMSCOP	03	DMSCOP	00	1	TDD	DP		10B		
02456		XA334	62		XA211	35					168	9		DMSC0Q	01	DMSC1I	01	1	TDD	KI		29A		
02457		XA211	35		XA211	29					168	9		DMSC0Q	02	DMST3A	01	1	TQ2	C4		17B		
02458		XA211	29		XA208	19					168	9		DMSC0Q	03	DMST1A	01	1	TQ2	C3		14B		
02459		XA208	19		XA309	38					168	9		DMSC0Q	04	DMSC0Q	00	1	TDD	DQ		09B	MEM STATE COUNTER	E01
11201		XA309	38											DMSC0Q	05	DMCK4P	01	1	TDD	EP		18A		E01
02460		XA211	31		XA211	50					168	9		DMSC1P	01	DMST1A	01	2	TQ2	C3		15B		
02461		XA211	50		XA334	57					168	9		DMSC1P	02	DMST5A	01	2	TQ2	D2		23A		
02462		XA334	57											DMSC1P	03	DMSC1P	00	1	TDD	KP		30B		
02463		XA209	40		XA211	54					168	9		DMSC1Q	01	DMSC2I	01	1	TDD	EI		19A		
02464		XA211	54		XA334	55					168	9		DMSC1Q	02	DMST4A	01	1	TQ2	D1		25A		
02465		XA334	55											DMSC1Q	03	DMSC1Q	00	1	TDD	KQ		29B	MEM STATE COUNTER	
02466		XA211	36		XA209	35					168	9		DMSC2P	01	DMST0A	01	2	TQ2	C2		17A		
02467		XA209	35		XA208	18					168	9		DMSC2P	02	DMSC2P	00	1	TDD	EP		17B		
02468		XA208	18											DMSC2P	03	DMSC0I	01	1	TDD	DI		10A		
02469		XA209	37		XA211	37					168	9		DMSC2Q	01	DMSC2Q	00	1	TDD	E0		18B	MEM STATE COUNTER	
02470		XA211	37		XA211	48					168	9		DMSC2Q	02	DMST3A	01	2	TQ2	C4		18B		
02471		XA211	48											DMSC2Q	03	DMST5A	01	1	TQ2	D2		22A		
04319		XA111	37		XA211	40					168	9		DMSP30	02	DMRS2A	01	2	TQ2	C4		18B		
04314		XA211	40		XA219	33					168	9		DMSP30	03	DMSTRA	01	1	TQ2	C1		19A		
04326		XA219	33		XA224	15					168	9		DMSP30	04	DMCY1A	01	1	TT3	C3		16B	A REG. FULL	
02518		XA224	15		XA311	53					168	9		DMSP30	05	DMSP30	00	1	TQ2	A4		07B		
03211		XA311	53											DMSP30	06	DTCK4A	01	1	TT3	E2		28B	TEST	
02472		XA212	24		XA219	15					168	9		DMSTHA	01	DMSTP0	01	2	TT3	B1		13A		
00828		XA219	15											DMSTHA	02	DMSTHA	00	1	TT3	A3		07B		
02474		XA212	26		XA211	27					168	9		DMSTIA	01	DMSTP0	01	3	TT3	B1		14A		
02475		XA211	27											DMSTIA	02	DMSTIA	00	1	TQ2	B4		13B		
03259		XA110	13		XA112	69					168	9		DMSTPA	01	DMSTPA	00	1	THI	A1		06A		C08
07984		XA112	69		XA309	80					168	9		DMSTPA	02	DMSTQ0	01	1	TT3	F3		35A		C08
11240		XA309	80											DMSTPA	04	DMSTQ0	01	1	TDD	LQ		39A		C08
02478		XA210	06		XA209	33					168	9		DMSTPP	01	DMCL8P	01	1	TDD	AP		05A		
02479		XA209	33											DMSTPP	02	DMCL8P	00	1	TDD	EP		16B		
02480		XA209	31		XA219	09					168	9		DMSTPQ	01	DMSTPQ	00	1	TDD	F0		15B	CONTROL MEM STATE	
02986		XA219	09											DMSTPQ	02	DMSTHA	01	1	TT3	A3		04B	CLK 1	
														****	SIGNAL	DMSTP0			IS ON THE	NEXT PAGE	****			

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	PREFIX	CONNECTOR	PIN	DR PC	PREFIX	CONNECTOR	PIN	DR PC	MULTI GROUP	CODE	COLOR	IDENT											
10829		XA214	30										DMST50	04	DMCY2A	01	2	TT3	C2		15A		B07
02508		XA232	69		XA219	54				168	9		DMSYNP	01	DMSYNP	00	1	TDD	MP		35A		
02509		XA219	54										DMSYNP	02	DMSYNO	01	2	TT3	D1		25A		
02510		XA241	13		XA232	74				168	9		DMSYNQ	01	DMS1GX	01	1	ACF	B1		06A		
02511		XA232	74		XA210	52				168	9		DMSYNQ	02	DMSYNQ	00	1	TDD	MQ		35B		MEM SYNC GEN - 18
02512		XA210	52		XA209	52				168	9		DMSYNQ	03	DMSY1P	01	1	TDD	GP		24A		
02513		XA209	52										DMSYNQ	04	DMSYOP	01	1	TDD	GP		24A		
02514		XA219	50		XA232	72				168	9		DMSYNO	01	DMSYNO	00	1	TT3	D1		23A		B05
02300		XA232	72										DMSYNO	02	DMSYNN	01	1	TDD	MN		34A		B05
02522		XA211	68		XA209	47				168	9		DMSYOP	01	DMS11A	01	1	TQ2	E1		32A		
11986		XA209	47										DMSYOP	02	DMSYOP	00	1	TDD	GP		25B		
02523		XA210	54		XA209	49				168	9		DMSY0Q	02	DMSY1I	01	1	TDD	GI		25A		
02524		XA209	49										DMSY0Q	03	DMSY0Q	00	1	TDD	GQ		26B		BIT 0 MEM SYNC CO
02521		XA209	54		XA210	47				168	9		DMSY1P	01	DMSY0I	01	1	TDD	GI		25A		
11987		XA210	47										DMSY1P	02	DMSY1P	00	1	TDD	GP		25B		
02526		XA211	70		XA210	49				168	9		DMSY1Q	01	DMS11A	01	2	TQ2	E1		33A		
02527		XA210	49										DMSY1Q	02	DMSY1Q	00	1	TDD	GQ		26B		BIT 0 MEM SYNC CO
02528		XA219	56		XA112	50				168	9		DMSY2A	01	DMSYNO	01	3	TT3	D1		26A		C10
07967		XA112	50										DMSY2A	02	DMSY2A	00	1	TT3	D1		23A		C10
02517		XA232	73		XA211	66				168	9		DMS11A	01	DMSYNP	01	1	TDD	MP		36B		
02531		XA211	66										DMS11A	02	DMS11A	00	1	TQ2	E1		31A		MEM BITCOUNT IS 1
12020		XA205	68		XA222	61				168	9		DMTIM5U	01	DMTIM5U	00	1	DBC	E5	FR	33A		MEM. TIMEOUT COUNT
07266		XA222	61										DMTIM5U	02	DMTIN3U	01	1	DBC	D3		31B		B03
03133		XA215	45		XA222	52				168	9		DMTIN5U	01	DMTI5A	01	1	THI	D5		25B		
11696		XA222	52										DMTIN5U	02	DMTIN5U	00	1	DBC	D5		25A		
03462		XA205	79		XA208	47				168	9		DMTIOP	01	DMTIM3U	01	1	DBC	E3		37B		
03238		XA208	47		XA209	17				168	9		DMTIOP	02	DMTIOP	00	1	TDD	GP		25B		
06927		XA209	17		XA223	48				168	9		DMTIOP	03	DMHRSQ	01	1	TDD	DQ		08B		
03244		XA223	48										DMTIOP	04	DMTOV0	01	1	TQ2	D2		22A		
03240		XA208	49		XA319	15				168	9		DMTIOQ	01	DMTIOQ	00	1	TDD	GQ		26B		MEM. TIMEOUT DET. F/B03
02383		XA319	15										DMTIOQ	02	DXDD31X	01	6	MUX	A1		07B		
07104		XA208	51		XA215	43				168	9		DMTI5A	01	DMTIOQ	01	1	TDD	GQ		27B		UPDATES TA IE WR1
03140		XA215	43										DMTI5A	02	DMTI5A	00	1	THI	D5		24B		MEMORY TIMEOUT
05896		XA212	13		XA213	43				168	9		DMTOVA	01	DMRS10	01	3	TT3	A3		06B		
03134		XA213	43		XA218	56				168	9		DMTOVA	02	DMTOVA	00	1	THI	D5		24B		
										****	SIGNAL		DMTOVA		IS ON THE						****		

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	PREFIX	CONNECTOR	PIN	IN FC	PREFIX	CONNECTOR	PIN	IN FC	WIRE	MULTI GROUP	CODE	COLOR												IDENT		
05897		XA218	56											DMT0VA	03	DERRO0	01	8	TS8	D1		26A				
03125		XA213	45		XA223	46				168	9			DMT0V0	01	DMT0VA	01	1	THI	D5		25B				
02958		XA223	46		XA316	57				168	9			DMT0V0	02	DMT0V0	00	1	TQ2	D2		21A	MEM. I/O OR OVRLOAD			
05900		XA316	57											DMT0V0	03	DXDB0TB	01	1	MUX	D2		29B				
04937		XA307	64		XA210	14				168	9			DMT16A	01	DMREQP	01	1	TDD	KP		30A				
02533		XA210	14		XA211	60				168	9			DMT16A	02	DMMR1N	01	1	TDD	DN		09A				
02534		XA211	60		XA230	11				168	9			DMT16A	03	DMT16A	00	1	TQ2	E2		28A	CLK FOR MEM RESET			
02536		XA230	11											DMT16A	05	DDCL00	01	1	TQ2	A4		05B	*			
02850		XA324	52		XA325	76				168	9			DPWR0D4	01	DPWR0D4	00	1	TLD	D1		24A	PWR ON	B04		
11513		XA325	76		XA249	51				168	9			DPWR0D4	02				RR4	H2				B04		
11093		XA249	51											DPWR0D4	03				EXT							
03326		XA109	40		XA102	06				168	9			DRACLA	00C	DSAOXA	01	7	TS8	C1		19A		B09		
04163		XA102	06		XA205	50				168	9			DRACLA	005	DTICMO	01	4	TS8	A1		05A		B09		
02854		XA205	50		XA206	63				168	9			DRACLA	03	DRSA11U	01	5	DBC	C1		24A				
02855		XA206	63		XA204	80				168	9			DRACLA	04	DRE0B1U	01	5	DBC	D1		31A				
07015		XA204	80		XA216	80				168	9			DRACLA	05	DRSA01U	01	5	DBC	E1		38B				
02857		XA216	80		XA219	38				168	9			DRACLA	06	DMBL21U	01	5	DBC	E1		38B				
07179		XA219	38		XA312	68				168	9			DRACLA	07	DTCF1A	01	1	TT3	C1		18A				
07388		XA312	68		XA337	24				168	9			DRACLA	08	DROPCA	01	3	TD4	E1		32A				
02858		XA337	24											DRACLA	09	DRACLA	00	1	THI	B1		13A	PL RASC CONTROL W			
11988		XA251	52		XA244	05				168	9			DRACL0G	01				EXT							
11989		XA244	05											DRACL0G	02				DCF							
02859		XA251	51		XA244	07				168	9			DRACL0X	01				EXT							
02860		XA244	07											DRACL0X	02	DRACL0X	00	1	DCF	A1		02B	CLEAR RAS ERRORS			
02861		XA219	04		XA111	34				168	9			DRACRA	01	DRACRA	00	1	TT3	A1		04A	CLR RAS ERRORS ITR			
03283		XA111	34											DRACRA	02	DRACRO	01	1	TQ2	C2		16A				
03212		XA111	30		XA244	11				168	9			DRACRO	01	DRACRO	00	1	TQ2	C2		15A	DISC ERROR			
02862		XA244	11											DRACRO	02	DRACLOX	01	1	DCF	A2		04B				
03677		XA110	80		XA219	06				168	9			DRAC10	01	DRAC10	00	1	THI	F1		38B		B05		
04604		XA219	06											DRAC10	02	DRACRA	01	1	TT3	A1		05A		B05		
02863		XA229	57		XA218	48				168	9			DRA1LP	01	DRA1LP	00	1	TDD	KP		30B				
02864		XA218	48		XA314	25				168	9			DRA1LP	02	DERRO0	01	3	TS8	D1		22A				
07383		XA314	25											DRA1LP	03	DRERRO	01	2	TQ2	B4		12B				
11991		XA229	55		XA319	45				168	9			DRA1LQ	01	DRA1LQ	00	1	TDD	K0		29B	ILL SECTOR ADDRESS	B05		
02378		XA319	45											DRA1LQ	02	DXDD51X	01	6	MUX	C1		23B		B05		
02865		XA219	07		XA229	62				168	9			DRA1LO	01	DRA1LO	00	1	TT3	A2		03A	ILL ADD			
02866		XA229	62											DRA1LO	02	DRA1LI	01	1	TDD	KI		29A				
														****	SIGNAL	DRA1OA									IS ON THE NEXT PAGE	****

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	PREFIX	CONNECTOR	PIN	Q/A	PREFIX	CONNECTOR	PIN	Q/A	MULTI GROUP	CODE	COLOR	IDENT													
11704 03382		XA224 XA218	80 13			XA218 13					16B	9		DRA10A DRA10A	01 02	DRA10A DRA13A	00 01	1 8	TQ2 TS8	F4 A1		39A 06B		B09 B09	
05419 07228		XA314 XA224	33 78			XA224 78					16B	9		DRA100 DRA100	01 02	DRA100 DRA10A	00 01	1 2	TQ2 TQ2	C3 F4		16B 38A		B09 B09	
02867 02868		XA223 XA219	21 01			XA219 01					16B	9		DRA11A DRA11A	01 02	DRA11A DRA11A	00 01	1 1	TQ2 TT3	B3 A2		10B 02B	SECTOR GREATER TH		
02869 02870		XA219 XA223	03 27			XA223 27					16B	9		DRA12A DRA12A	01 02	DRA110 DRA12A	01 00	2 1	TT3 TQ2	A2 B4		02A 13B	SECTOR ADD GREATE		
02871 02872		XA223 XA218	37 11			XA218 11					16B	9		DRA13A DRA13A	01 02	DRA14A DRA13A	01 00	2 1	TQ2 TS8	C4 A1		18B 05B	MAINT SECTOR CMD		
02874 02875		XA328 XA223	50 39			XA223 39					16B	9		DRA14A DRA14A	01 02	DRC110 DRA14A	01 00	4 1	TD4 TQ2	D2 C4		23A 19B	MAINT CMD SECTOR		
11550 03528		XA104 XA218	30 01			XA218 01					16B	9		DRA15A DRA15A	01 02	DRA15A DRA13A	00 01	1 1	THI TS8	C4 A1		14B 02B			
11546 06857		XA102 XA104	35 29			XA104 29					16B	9		DRA150 DRA150	01 02	DRA150 DRA15A	00 01	1 1	TS8 THI	C1 C4		17B 15B	BIK LNTH > 21		
07067 01021		XA102 XA333	42 52			XA333 52					16B	9		DRA16A DRA16A	01 02	DRA150 DRA16A	01 00	8 1	TS8 TQ2	C1 D1		20A 24A	MR + DEV COMM		
11721 04654		XA303 XA333	63 56			XA333 56					16B	9		DRA170 DRA170	01 02	DRA170 DRA16A	00 01	1 2	TQ2 TQ2	E4 D1		33B 26A			
07433 01024		XA303 XA333	61 46			XA333 46					16B	9		DRA18A DRA18A	01 02	DRA170 DRA18A	01 00	2 1	TQ2 TQ2	E4 D2		32B 21A	BIT 33, CLK 0		
11555 02873		XA108 XA219	69 05			XA219 05					16B	9		DRA19A DRA19A	01 02	DRA19A DRA110	00 01	1 3	TD4 TT3	F2 A2		35A 03B		B09 B09	
03978 02877		XA315 XA223	15 33			XA223 33					16B	9		DRAS00 DRAS00	01 02	DXDC11X DRAS10	01 00	6 1	MUX TQ2	A1 C3		07B 16B	H I S CABLE INTERM		
02881 11341		XA350 XA348	03 49			XA348 49					16B	9		DRAS0D DRAS0D	01 02					EXT SHT				B09 B09	
11992 11993		XA350 XA244	04 16			XA244 16					16B	9		DRAS0DG DRAS0DG	01 02					EXT DCF					
03942 02882 11339		XA317 XA244 XA348	15 14 47			XA244 XA348 47					16B 16B	9 9		DRAS0DX DRAS0DX DRAS0DX	01 02 03	DXDC61X DRAS0DX	01 00	6 1	MUX DCF SHT	A1 A5		07B 08B	SELECT RAS 0 NOT	B09 B09 B09	
02883		XA337	25			XA105	08				16B	9		DRAS00	01	DRAS00	00	1	THI	B2		11A	SELECT RAS 0		
											****		SIGNAL	DRAS00		IS ON THE						****			

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	PREFIX	CONNECTOR	PIN	PREFIX	CONNECTOR	PIN	MULTI GROUP	CODE	COLOR	IDENT											
03289 04000		XA105	08		XA105	17		16B	9			DRAS00 DRAS00	02 03	DRSLOA DRSL1A	01 2 01 2	TT3 TT3	A1 B2	06A 08B			
02888 02889 03261		XA337	20		XA244	04		16B	9			DRAS1A DRAS1A DRAS1A	01 02 03	DRAS10 DRAS10X DRAS1A	01 1 01 1 00 1	THI DCF TQ2	B3 A8 D2	10A 04A 21A			
11351 02892		XA348	59		XA350	05		16B	9			DRAS1D DRAS1D	01 02			SHT EXT				B09 B09	
02891 01857		XA350	06		XA244	02		16B	9			DRAS1DG DRAS1DG	01 02			EXT DCF		01A			
11994 03948 11349		XA244	01		XA316	45		16B	9			DRAS1DX DRAS1DX DRAS1DX	01 02 03	DRAS1DX DXDC51X	00 1 01 6	DCF MUX SHT	A7 C1	02A 23B	SELECT RAS 1 NOT	B09 B09 B09	
06932 06937 02895		XA105	76		XA105	35		16B	9			DRAS10 DRAS10 DRAS10	01 02 03	DRSL3A DRSL2A DRAS10	01 2 01 2 00 1	TT3 TT3 THI	F3 C3 B3	37A 17B 09A	SELECT RAS 1		
02898 02899 02900		XA242	08		XA244	27		16B	9			DRAT2DX4 DRAT2DX4 DRAT2DX4	01 02 03			RR4 DCF EXT	A1 B1	10B	TER CAP		
02901 02902		XA223	31		XA244	29		16B	9			DRAT20X DRAT20X	01 02	DRASTO DRAT20X	01 2 00 1	TQ2 DCF	C3 B2	15B 11B			
02903 02904 02905		XA242	10		XA244	37		16B	9			DRAT3DX4 DRAT3DX4 DRAT3DX4	01 02 03			RR4 DCF EXT	A2 B3	15B	TER CAP		
02906 02907		XA223	29		XA244	35		16B	9			DRAT30X DRAT30X	01 02	DRASTO DRAT30X	01 1 00 1	TQ2 DCF	C3 B4	14B 14B			
07936 00418		XA112	15		XA105	06		16B	9			DRA0AA DRA0AA	01 02	DRA0AA DRSLOA	00 1 01 1	TT3 TT3	A3 A1	07B 05A		C07 C07	
02908 02909		XA251	18		XA244	45		16B	9			DRA0ADG DRA0ADG	01 02			EXT DCF		27A			
10147 02910 02911 02912		XA142	72		XA242	05		16B	9			DRA0ADX4 DRA0ADX4 DRA0ADX4 DRA0ADX4	00 01 02 03			RR4 RR4 DCF EXT	G1 A3 C1	25B	RAS 0 READY	D02	
07931 03972 02915		XA112	09		XA315	31		16B	9			DRA0AOX DRA0AOX DRA0AOX	01 02 03	DRA0AA DXDC11X DRA0AOX	01 1 01 6 00 1	TT3 MUX DCF	A3 B1 C2	04B 14B 26B		C07	
										****	SIGNAL	(DRA1AA)	IS ON THE NEXT PAGE				****				

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	PREFIX	CONNECTOR	PIN	PREFIX	CONNECTOR	PIN	MULTI GROUP	CODE	COLOR	IDENT											
03412 04206	XA110	14		XA105	14			16B	9			DRA1AA 01 DRA1AA 02	DRA1AA DRSL1A	00 1 01 1	THI TT3	B4 B2		08B 09A	SET RAS ERROR	C07 C07	
02916 02917	XA251	20		XA244	58			16B	9			DRA1ADG 01 DRA1ADG 02			EXT DCF						
02920 02918 02919 10141	XA251 XA244 XA242 XA142	19 55 07 65		XA244 XA242 XA142	55 07 65			16B 16B 16B	9 9 9			DRA1ADX4 00 DRA1ADX4 01 DRA1ADX4 02 DRA1ADX4 03	DRA1ADX400	00 1 01 1 02 1 03 1	EXT DCF RR4 RR4	B4 C3 A4 G3		30B	RAS 1 READY	002 002 002	
03407 03966 02923	XA110 XA315 XA244	17 45 56		XA315 XA244	45 56			16B 16B	9 9			DRA1A0X 01 DRA1A0X 02 DRA1A0X 03	DRA1AA DXDC21X	01 1 01 6 00 1	THI MUX DCF	B4 C1 C4		09B 23B 29B		C07	
05908 06856	XA110 XA105	78 33		XA105	33			16B	9			DRA2AA 01 DRA2AA 02	DRA2AA DRSL2A	00 1 01 1	THI TT3	F5 C3		36A 16B		C07 C07	
02924 02925	XA251 XA244	22 53		XA244	53			16B	9			DRA2ADG 01 DRA2ADG 02			EXT DCF						
02928 02926 02927 10139	XA251 XA244 XA242 XA142	21 60 09 63		XA244 XA242 XA142	60 09 63			16B 16B 16B	9 9 9			DRA2ADX4 00 DRA2ADX4 01 DRA2ADX4 02 DRA2ADX4 03	DRA2ADX400	00 1 01 1 02 1 03 1	EXT DCF RR4 RR4	C5 A5 G4		31B	RAS 2 READY	D02 D02 D02	
12189 03960 02931	XA110 XA316 XA244	76 15 57		XA316 XA244	15 57			16B 16B	9 9			DRA2A0X 01 DRA2A0X 02 DRA2A0X 03	DRA2AA DXDC31X	01 1 01 6 00 1	THI MUX DCF	F5 A1 C6		37A 07B 31A		C07	
03322 06847	XA224 XA105	60 69		XA105	69			16B	9			DRA3AA 01 DRA3AA 02	DRA3AA DRSL3A	00 1 01 1	TQ2 TT3	E2 E3		28A 35A	TRACK COUNTER MSB	C07 C07	
02932 02933	XA251 XA244	24 44		XA244	44			16B	9			DRA3ADG 01 DRA3ADG 02			EXT DCF						
02936 02934 02935 10137	XA251 XA244 XA242 XA142	23 43 20 61		XA244 XA242 XA142	43 20 61			16B 16B 16B	9 9 9			DRA3ADX4 00 DRA3ADX4 01 DRA3ADX4 02 DRA3ADX4 03	DRA3ADX400	00 1 01 1 02 1 03 1	EXT DCF RR4 RR4	C7 B1 G5		25A	RAS 3 READY	D02 D02 D02	
02937 03954 03691	XA244 XA316 XA224	48 31 62		XA316 XA224	31 62			16B 16B	9 9			DRA3A0X 01 DRA3A0X 02 DRA3A0X 03	DRA3A0X DXDC41X	00 1 01 6 01 1	DCF MUX TQ2	C8 B1 E2		26A 14B 29A		C07 C07	
02943 02946 02945 02947 02949	XA222 XA229 XA229 XA232 XA315	37 72 79 60 73		XA229 XA229 XA232 XA315	72 79 60 73			16B 16B 16B 16B	9 9 9 9			DRBCKTA 01 DRBCKTA 04 DRBCKTA 03 DRBCKTA 05 DRBCKTA 06	DRBC02U DRB06N DRB00N DRB07N DRBCKTA	01 1 01 1 01 1 01 1 00 1	DRB TDD TDD TDD MUX	C2 MN LN KN E1		17B 34A 39B 28A 34B	CLK FOR BIT AND W		

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	PREFIX	CONNECTOR	PIN	DR PC	PREFIX	CONNECTOR	PIN	DR PC	MULTI GROUP	CODE	COLOR	IDENT											
02940		XA204	51		XA207	26				16B	9		DRBCKTB	01	DRWC02U	01	1	DBC	D2	25B			
02942		XA207	26		XA315	79				16B	9		DRBCKTB	02	DRW16N	01	1	TDD	CN	14A		B03	
11997		XA315	79										DRBCKTB	03	DRBCKTB	00	1	MUX	E2	37B		B03	
02950		XA229	71		XA222	36				16B	9		DRBC05U	01	DRB06I	01	1	TDD	MI	36A			
02951		XA222	36										DRBC05U	02	DRBC05U	00	1	DBC	C5	17A	BIT COUNT 31		
02953		XA337	14		XA229	75				16B	9		DRBMRA	01	DRBMRA	00	1	THI	B4	08B	MASTER RESET BIT		
02955		XA229	75		XA222	35				16B	9		DRBMRA	03	DRB00P	01	1	TDD	LP	37B			
02956		XA222	35										DRBMRA	04	DRBC05U	01	1	DBC	C5	16B			
02957		XA337	17		XA111	69				16B	9		DRBMRO	01	DRBMRA	01	1	THI	B4	09B			
03995		XA111	69										DRBMRO	02	DRBMRO	00	1	TQ2	F3	35A	MASTER RESET + DE		
04920		XA106	24		XA111	65				16B	9		DRBM1A	01	DRWMRO	01	1	TQ2	B1	13A			
04901		XA111	65		XA229	73				16B	9		DRBM1A	02	DRBMRO	01	1	TQ2	F3	34B			
03243		XA229	73		XA232	53				16B	9		DRBM1A	03	DRB06P	01	1	TDD	MP	36B		A02	
07253		XA232	53		XA311	80				16B	9		DRBM1A	04	DRB07Q	01	1	TDD	KQ	28B			
00407		XA311	80		XA309	06				16B	9		DRBM1A	05	DRBM1A	00	1	TT3	F3	39A	(RD + RD MAINT).	B07	
11173		XA309	06										DRBM1A	06	DWB32P	01	1	TDD	AP	05A		B07	
02959		XA229	77		XA337	19				16B	9		DRB00A	01	DRB00I	01	1	TDD	LI	38B			
02960		XA337	19										DRB00A	02	DRB00A	00	1	THI	B5	10B			
02961		XA222	48		XA229	78				16B	9		DRB00Q	01	DRBC04U	01	1	DBC	C4	22A			
02962		XA229	78		XA337	21				16B	9		DRB00Q	02	DRB00Q	00	1	TDD	LQ	38A	BIT 0 OF WORD COU		
02963		XA337	21										DRB00Q	03	DRB00A	01	1	THI	B5	11B			
02964		XA337	27		XA337	38				16B	9		DRB06P	01	DRB160	01	1	THI	B6	13B			
02965		XA337	38		XA229	69				16B	9		DRB06P	02	DRB260	01	1	THI	C1	20A			
02967		XA229	69		XA207	14				16B	9		DRB06P	04	DRB06P	00	1	TDD	MP	35A			
02941		XA207	14		XA111	74				16B	9		DRB06P	05	DRWCLN	01	1	TDD	DN	09A			
03923		XA111	74		XA103	65				16B	9		DRB06P	06	DRBMRO	01	2	TQ2	F3	35B		B07	
02972		XA103	65										DRB06P	09	DRSC00	01	1	TQ2	F3	34B			
02974		XA328	55		XA229	74				16B	9		DRB06Q	02	DRPERA	01	1	TQ4	E2	29B	NOT	B05	
02976		XA229	74		XA219	41				16B	9		DRB06Q	04	DRB06Q	00	1	TDD	MQ	35B	BIT 32 OF WORD		
02979		XA219	41		XA218	61				16B	9		DRB06Q	07	DBFC9A	01	1	TT3	D2	22B			
02980		XA218	61		XA212	14				16B	9		DRB06Q	08	DRENIA	01	3	TS8	E1	32B			
02981		XA212	14		XA309	08				16B	9		DRB06Q	09	DRW32A	01	1	TT3	R2	09A		B07	
11175		XA309	08										DRB06Q	10	DWB23I	01	1	TDD	AI	06A		B07	
10813		XA214	11		XA312	37				16B	9		DRB07Q	01	DWOPSA	01	2	TT3	A3	05B		B05	
07385		XA312	37		XA232	55				16B	9		DRB07Q	011	DCCLRA	01	1	TQ4	C1	18B			
02985		XA232	55		XA333	23				16B	9		DRB07Q	02	DRB07Q	00	1	TDD	KQ	29B	BIT 0 OF WORD		
00826		XA333	23										DRB07Q	03	DWRB0A	01	1	TQ2	B4	11B			
06935		XA102	43		XA204	64				16B	9		DRB160	005	DRSC2A	01	1	TS8	D1	23B		B07	
										****	SIGNAL	DRB160		IS ON THE	NEXT PAGE	****							

TM 11-5895-856-34-15/EE640-CA-MMI-150/E154 CPU/TO 31W2-2T-122-15

H78-14 754
DRAWING NUMBER
UNIT ASSEMBLY NAME

149017-800
CARD CAGE ASSY B, IFCU
STRING

UNIT ASSEMBLY NO. 149017
FILE IDENT T39C1FC7

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DATE 09-03-82
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DRB160

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	BIF	MULTI GROUP	CODE	COLOR											
02991		XA204	64		XA212	46			16B	9		DRB160	05	DRWC04U	01	1	DBC	D4	30A		
02992		XA212	46		XA214	23			16B	9		DRB160	06	DRL50A	01	2	TT3	D2	21A	B05	
10823		XA214	23		XA214	57			16B	9		DRB160	07	DRW32A	01	2	TT3	B3	11B	B07	
10854		XA214	57		XA337	26			16B	9		DRB160	07	DSR13A	01	1	TT3	E3	30R	B07	
02994		XA337	26									DRB160	08	DRB160	00	1	THI	B6	12B	BIT 32 OVERLOAD	
06839		XA102	79		XA102	19			16B	9		DRB260	00C	DTSH4A	01	8	TS8	F1	39B	B05	
05338		XA102	19		XA105	03			16B	9		DRB260	005	DTSE2A	01	3	TS8	B1	09B		
02996		XA105	03		XA214	66			16B	9		DRB260	01	DSR12A	01	2	TT3	A2	02A	B07	
10862		XA214	66		XA312	30			16B	9		DRB260	03	DRB36A	01	1	TT3	F1	31A	B07	
07384		XA312	30		XA337	40			16B	9		DRB260	05	DBFC6A	01	1	TD4	C2	15A		
03001		XA337	40		XA232	62			16B	9		DRB260	06	DRB260	00	1	THI	C1	19A	BIT 32 OVERLOAD	
03002		XA232	62									DRB260	07	DRB07I	01	1	TDD	KI	29A	B07	
04904		XA106	08		XA214	64			16B	9		DRB36A	01	DRSSKO	01	1	TQ2	A1	06A	B07	
10860		XA214	64									DRB36A	02	DRB36A	00	1	TT3	F1	30A	B07	
03011		XA108	49		XA214	06			16B	9		DRCA1P	005	DSRCKA	01	1	TD4	D1	26B	C03	
10808		XA214	06		XA224	48			16B	9		DRCA1P	01	DRCLOA	01	1	TT3	A1	05A	B05	
03008		XA224	48		XA209	76			16B	9		DRCA1P	02	DRCL3A	01	1	TQ2	D2	22A		
03010		XA209	76		XA219	60			16B	9		DRCA1P	04	DRCA1P	00	1	TDD	LP	37A	C03	
03009		XA219	60									DRCA1P	05	DRPCKA	01	2	TT3	F2	28A	C03	
03297		XA108	60		XA208	77			16B	9		DRCA1Q	00C	DSRLCA	01	2	TD4	E2	28A	C03	
03012		XA208	77		XA209	78			16B	9		DRCA1Q	01	DRCA2I	01	1	TDD	LI	38B		
03013		XA209	78		XA224	54			16B	9		DRCA1Q	02	DRCA1Q	00	1	TDD	LQ	38A	I/O COUNTER - RAS	
03014		XA224	54		XA224	35			16B	9		DRCA1Q	03	DRCL2A	01	1	TQ2	D1	25A		
03015		XA224	35									DRCA1Q	04	DRCL1A	01	1	TQ2	C4	17B		
10810		XA214	08		XA224	37			16B	9		DRCA2P	01	DRCL0A	01	2	TT3	A1	06A	B05	
03018		XA224	37		XA208	76			16B	9		DRCA2P	03	DRCL1A	01	2	TQ2	C4	18B		
03020		XA208	76		XA209	77			16B	9		DRCA2P	05	DRCA2P	00	1	TDD	LP	37A		
03021		XA209	77									DRCA2P	06	DRCA1I	01	1	TDD	LI	38B		
04316		XA108	64		XA108	52			16B	9		DRCA2Q	00C	DSRLCA	01	4	TD4	E2	30A	B05	
03016		XA108	52		XA208	78			16B	9		DRCA2Q	005	DSRCKA	01	2	TD4	D1	24A		
03024		XA208	78		XA224	56			16B	9		DRCA2Q	01	DRCA2Q	00	1	TDD	LQ	38A	I/O COUNTER - RAS	
03025		XA224	56		XA224	50			16B	9		DRCA2Q	02	DRCL2A	01	2	TQ2	D1	26A		
03026		XA224	50		XA219	62			16B	9		DRCA2Q	03	DRCL3A	01	2	TQ2	D2	23A	C03	
03019		XA219	62									DRCA2Q	04	DRPCKA	01	3	TT3	E2	29A	C03	
07390		XA315	77		XA315	71			16B	9		DRCA3P	01	DRBCKTR	01	2	MUX	E2	36B		
03023		XA315	71		XA219	18			16B	9		DRCA3P	02	DRBCKTA	01	2	MUX	E1	33B		
03229		XA219	18		XA214	10			16B	9		DRCA3P	03	DRRS2A	01	3	TT3	B2	10A	B05	
10812		XA214	10		XA210	66			16B	9		DRCA3P	035	DRCL0A	01	3	TT3	A1	07A	B05	
03917		XA210	66		XA209	01			16B	9		DRCA3P	04	DRCLSP	01	1	TDD	JP	31A		
02503		XA209	01		XA208	23			16B	9		DRCA3P	05	DRLSON	01	1	TDD	BN	02B		
03028		XA208	23									DRCA3P	06	DRCA3P	00	1	TDD	CP	11B		
07060		XA102	46		XA102	61			16B	9		DRCA3Q	01	DRSC2A	01	2	TS8	D1	21A		
									****	SIGNAL		DRCA3Q		IS ON THE					****		

H78-14 755
DRAWING NUMBER
UNIT ASSEMBLY NAME

149017-800
CARD CAGE ASSY B, IFCU

STRING

UNIT ASSEMBLY NO.
FILE IDENT

149017
T39C1FC7

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RECORD NUMBER	FROM				TO				WIRE				SHEET INDEX	SIGNAL	SEQ NO	EQUATION	TERM	FACTOR	CKT OR CHIP TYPE	GROUP	LOAD OR POWER PLANE	TEST POINTS AND/OR	SIGNAL DESCRIPTION	ECO NO	
	PREFIX	CONNECTOR	PIN	TO	PREFIX	CONNECTOR	PIN	TO	MULTI GROUP	CODE	COLOR	IDENT													
06896		XA102	61		XA208	25				16B	9			DRCA3Q	02	DRTC2A	01	3	TS8	E1		32B		B07	
12006		XA208	25		XA214	68				16B	9			DRCA3Q	04	DRCA3Q	00	1	TDD	CQ		12B	EXTENDED I/O COUNT	B07	
10863		XA214	68		XA218	70				16B	9			DRCA3Q	05	DRB36A	01	2	TT3	E1		32A		C01	
07169		XA218	70											DRCA3Q	06	DREN1A	01	8	TS8	E1		33A		C01	
06941		XA308	73		XA209	68				16B	9			DRCCOP	005	DROPIA	01	3	TD4	F2		36B			
07127		XA209	68		XA208	33				16B	9			DRCCOP	01	DROPCI	01	1	TDD	JI		32A			
03030		XA208	33											DRCCOP	02	DRCCOP	00	1	TDD	FP		16B			
03031		XA208	31		XA219	40				16B	9			DRCCOQ	01	DRCCOQ	00	1	TDD	FQ		15B	CMD CHAINING BIT		
06870		XA219	40											DRCCOQ	02	DTCF1A	01	2	TT3	C1		19A			
07519		XA314	23		XA218	49				16B	9			DRCILP	005	DRERRO	01	1	TQ2	B4		11B			
03033		XA218	49		XA208	09				16B	9			DRCILP	01	DERR00	01	4	TS8	D1		26B			
03034		XA208	09											DRCILP	02	DRCILP	00	1	TDD	8P		04B			
03035		XA208	07		XA320	43				16B	9			DRCILQ	01	DRCILQ	00	1	TDD	BQ		03A	ILL CMD FF	B05	
01877		XA320	43											DRCILQ	02	DXDD21X	01	5	MUX	C1		22B		B05	
03037		XA328	45		XA208	05				16B	9			DRCILO	01	DRCILO	00	1	TD4	D2		24B	ILL CMD FIELD		
03038		XA208	05											DRCILO	02	DRCILO	01	1	TDD	8I		03B			
03039		XA109	08		XA111	55				16B	9			DRCLEA	01	DRRE10	01	6	TS8	A1		06A			
03040		XA111	55		XA213	48				16B	9			DRCLEA	02	DRSER0	01	2	TQ2	E3		29B			
03041		XA213	48		XA312	50				16B	9			DRCLEA	03	DRCLEA	00	1	THI	D3		21A			
03042		XA312	50											DRCLEA	04	DBERRO	01	4	TD4	D2		23A			
03043		XA251	48		XA243	45				16B	9			DRCLEDG	01				EXT						
03044		XA243	45											DRCLEDG	02				DCF				27A		
10153		XA142	78		XA242	26				16B	9			DRCLEDX4	00				RR4	H1					D02
03045		XA242	26		XA243	46				16B	9			DRCLEDX4	01				RR4	B2					
03046		XA243	46		XA251	47				16B	9			DRCLEDX4	02	DRCLEDX400	1		DCF	C1			25B		
03047		XA251	47											DRCLEDX4	03				EXT						
07525		XA317	11		XA213	50				16B	9			DRCLEOX	01	DXDC61X	01	5	MUX	A1			06B		
03049		XA213	50		XA243	47				16B	9			DRCLEOX	02	DRCLEA	01	1	THI	D3			22A		
03050		XA243	47											DRCLEOX	03	DRCLEOX	00	1	DCF	C2			26B	RAS CLOCK ERROR	
03053		XA208	75		XA209	75				16B	9			DRCLSQ	01	DRCA2P	01	1	TDD	LP			37B		
03005		XA209	75		XA210	61				16B	9			DRCLSQ	02	DRCA1P	01	1	TDD	LP			37B		
03551		XA210	61											DRCLSQ	03	DRCLSQ	00	1	TDD	10			32B	OPERATION COMPLETE	C01
10806		XA214	04		XA223	76				16B	9			DRCLOA	01	DRCLOA	00	1	TT3	A1			04A		B05
03055		XA223	76											DRCLOA	02	DRCLOO	01	1	TQ2	F4			37A		
03057		XA223	80		XA108	05				16B	9			DRCLOO	02	DRCLOO	00	1	TQ2	F4			39A		
03605		XA108	05											DRCLOO	03	DRCL4A	01	3	TD4	A2			03B		
03059		XA111	08		XA224	39				16B	9			DRCL1A	01	DRCL10	01	1	TQ2	A1			06A		
										****	SIGNAL			DRCL1A		IS ON THE			NEXT PAGE		****				

H78-14 757
 DRAWING NUMBER
 UNIT ASSEMBLY NAME

149017-800 STRING
 CARD CAGE ASSY B, IFCU

UNIT ASSEMBLY NO. 149017
 FILE IDENT T39C1FC7

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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	TO	PREFIX	CONNECTOR	PIN	TO	MULTI GROUP	CODE	COLOR	IDENT											
03090		XA105	29			XA106	18			16B	9		DRCMD1T	03	DWR000	01	1	TT3	C2		14B	MAINT	
03091		XA106	18			XA205	10			16B	9		DRCMD1T	04	DRWMT0	01	1	TQ2	B2		10A		
03093		XA205	10										DRCMD1T	05	DRCMD1T	00	1	DBC	A2		05A	WRITE MAINT SECTOR	
03094		XA108	22			XA105	30			16B	9		DRCMD2T	01	DRSC40	01	1	TD4	B1		12A		
03095		XA105	30			XA104	52			16B	9		DRCMD2T	02	DWR000	01	2	TT3	C2		15A		
03096		XA104	52			XA102	71			16B	9		DRCMD2T	03	DWRZ00	01	1	THI	D1		26A		
06947		XA102	71			XA102	05			16B	9		DRCMD2T	03C	DTSH4A	01	1	TS8	F1		36A		
04162		XA102	05			XA205	14			16B	9		DRCMD2T	035	DTICM0	01	3	TS8	A1		03B		
03097		XA205	14										DRCMD2T	04	DRCMD2T	00	1	DBC	A3		06A	WRITE ZEROS COMMA	
03100		XA205	13			XA103	79			16B	9		DRCMD3T	02	DRCMD3T	00	1	DBC	A4		07A	WRITE COMMAND -A	
03101		XA103	79			XA103	73			16B	9		DRCMD3T	03	DWRN00	01	2	TQ2	F1		39B		
03102		XA103	73			XA105	34			16B	9		DRCMD3T	04	DWRN10	01	2	TQ2	F2		36B		
03103		XA105	34			XA108	24			16B	9		DRCMD3T	05	DWR000	01	3	TT3	C2		16A		
03104		XA108	24			XA112	23			16B	9		DRCMD3T	06	DRSC40	01	2	TD4	B1		13A		B10
07943		XA112	23										DRCMD3T	07	DDATIO	01	2	TT3	B3		11B		B10
03105		XA337	47			XA212	68			16B	9		DRCMD4T	01	DCYT00	01	1	THI	D2		24A		
03099		XA212	68			XA212	29			16B	9		DRCMD4T	02	DRRWZ0	01	2	TT3	E1		32A		
03107		XA212	29			XA205	17			16B	9		DRCMD4T	03	DRD000	01	1	TT3	C2		14B	T	
03108		XA205	17			XA102	04			16B	9		DRCMD4T	04	DRCMD4T	00	1	DBC	A5		08B	CYCLE TEST COMMAND	
04160		XA102	04										DRCMD4T	05	DTICM0	01	2	TS8	A1		04A		
03110		XA212	30			XA205	07			16B	9		DRCMD5T	02	DRD000	01	2	TT3	C2		15A		
03111		XA205	07			XA108	25			16B	9		DRCMD5T	03	DRCMD5T	00	1	DBC	A6		04B	READ COMMAND - A	
03112		XA108	25			XA111	11			16B	9		DRCMD5T	04	DRSC40	01	3	TD4	B1		12B		
03113		XA111	11			XA112	25			16B	9		DRCMD5T	05	DRDN00	01	1	TQ2	A4		05B		B10
07945		XA112	25										DRCMD5T	06	DDATIO	01	3	TT3	B3		12B		B10
03114		XA328	46			XA205	09			16B	9		DRCMD6T	01	DRCILO	01	2	TD4	D2		21A		
03115		XA205	09										DRCMD6T	02	DRCM06T	00	1	DBC	A7		05B	UNUSED COMMAND -A	
03116		XA212	34			XA205	11			16B	9		DRCMD7T	01	DRD000	01	3	TT3	C2		16A		
03117		XA205	11			XA106	20			16B	9		DRCMD7T	02	DRCMD7T	00	1	DBC	A8		06B	READ MAINT. SECTOR	
03118		XA106	20			XA111	13			16B	9		DRCMD7T	03	DRWMT0	01	2	TQ2	B2		17A		
03119		XA111	13										DRCMD7T	04	DRDN00	01	2	TQ2	A4		06B		
03121		XA206	38			XA205	04			16B	9		DRCMF1U	02	DRCMF1U	00	1	DBC	C1		18A	BIT 05 LSB RASC C	
03122		XA205	04										DRCMD0T	03	DRCMD0T	01	1	DBC	A1		02A		
03123		XA205	06			XA206	40			16B	9		DRCMF2U	01	DRCMD1T	01	1	DBC	A2		03A	A POLARITY	
03124		XA206	40										DRCMF2U	02	DRCMF2U	00	1	DBC	C2		19A	BIT 04	
03126		XA206	42			XA205	03			16B	9		DRCMF3U	02	DRCMF3U	00	1	DBC	C3		20A	BIT 03	
03127		XA205	03							16B	9		DRCMF3U	03	DRCMD2T	01	1	DBC	A3		02B		
03129		XA205	05			XA206	46			16B	9		DRCMF4U	01	DRCMD3T	01	1	DBC	A4		03B		
03130		XA206	46			XA213	41			16B	9		DRCMF4U	02	DRCMF4U	00	1	DBC	C4		21A	BIT 02 MSB RASC C	
03120		XA213	41										DRCMF4U	03	DRCM4A	01	1	THI	D4		23B		

H78-14 758
DRAWING NUMBER
UNIT ASSEMBLY NAME

149017-800 STRING
CARD CAGE ASSY B, IFCU

UNIT ASSEMBLY NO. 149017
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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	SFC	PREFIX	CONNECTOR	PIN	SFC	MULTI GROUP	CODE	COLOR	IDENT												
04013		XA106	60		XA214	29				168	9		DRCM30	005	DRCM30	00	1	TQ2	E2		28A	READ + BTSP	B07	
10828		XA214	29		XA237	66				168	9		DRCM30	006	DMCY2A	01	1	TT3	C2		14B		B07	
03135		XA237	66		XA236	66				168	9		DRCM30	01	DBIS0TA	01	4	MUX	E1		32B			
03136		XA236	66		XA235	66				168	9		DRCM30	02	DBIS2TA	01	4	MUX	E1		32B			
03137		XA235	66		XA236	49				168	9		DRCM30	03	DBIS4TA	01	4	MUX	E1		32B			
03138		XA236	49		XA235	49				168	9		DRCM30	04	DBIS1TA	01	4	MUX	D1		24B			
03139		XA235	49		XA312	31				168	9		DRCM30	05	DBIS3TA	01	4	MUX	D1		24B			
07311		XA312	31		XA319	49				168	9		DRCM30	06	DBFC6A	01	2	TD4	C2		15B			
03141		XA319	49		XA320	49				168	9		DRCM30	07	DBIS5TA	01	4	MUX	D1		24B			
03142		XA320	49		XA320	66				168	9		DRCM30	08	DBIS6TA	01	4	MUX	D1		24B			
03143		XA320	66										DRCM30	09	DBIS7TA	01	4	MUX	E1		32B			
03131		XA328	48		XA213	46				168	9		DRCM4A	01	DRCILO	01	3	TD4	D2		22A			
03132		XA213	46										DRCM4A	02		00	1	TH1	D4		22B			
03144		XA251	04		XA243	58				168	9		DRDIADG	01					EXT					
03145		XA243	58										DRDIADG	02					DCF					
03148		XA251	03		XA243	55				168	9		DRDIADX4	00					EXT					
03146		XA243	55		XA242	24				168	9		DRDIADX4	01	DRDIADX400	1	1	DCF	C3		30B	READ DATA	D02	
03147		XA242	24		XA142	75				168	9		DRDIADX4	02					RR4	B3			D02	
10150		XA142	75										DRDIADX4	03					RR4	H3			D02	
03149		XA331	29		XA330	05				168	9		DRDIAOX	01	DRPARER	01	2	EOR	C1		14B			
03150		XA330	05		XA243	56				168	9		DRDIAOX	02	DSR000E	01	2	TS4	A1		04B			
03151		XA243	56										DRDIAOX	03	DRDIAOX	00	1	DCF	C4		29B			
04305		XA211	53		XA214	51				168	9		DRDNCA	01	DADD00	01	1	TQ2	F3		28B		B07	
10848		XA214	51										DRDNCA	02	DRDNCA	00	1	TT3	D3		27B		B07	
03109		XA212	66		XA213	53				168	9		DRDNOA	00C	DRRWZ0	01	1	TT3	E1		31A		B07	
03152		XA213	53		XA111	24				168	9		DRDNOA	01	DRDNOA	00	1	TH1	D6		26B			
03153		XA111	24		XA106	62				168	9		DRDNOA	02	DRDWT0	01	1	TQ2	B1		13A			
03158		XA106	62										DRDNOA	03	DRCM30	01	1	TQ2	E2		29A			
02389		XA320	45		XA240	07				168	9		DRDNO0	005	DXDD21X	01	6	MUX	C1		23B		C07	
04329		XA240	07		XA240	23				168	9		DRDNO0	01	DD00A1X	01	3	MUX	A1		04B			
04328		XA240	23		XA223	77				168	9		DRDNO0	02	DD01A1X	01	3	MUX	B1		11B			
03167		XA223	77		XA214	45				168	9		DRDNO0	03	DMCK3A	01	1	TQ2	F1		38B		B07	
10842		XA214	45		XA213	51				168	9		DRDNO0	03B	DRDNCA	01	1	TT3	D3		24B		B07	
03157		XA213	51		XA112	54				168	9		DRDNO0	05	DRDNOA	01	1	TH1	D6		27B		C10	
07971		XA112	54		XA111	15				168	9		DRDNO0	06	DMSY2A	01	2	TT3	D1		25A		C10	
03160		XA111	15		XA109	43				168	9		DRDNO0	07	DRDNO0	00	1	TQ2	A4		07B	READ + READ MAINT		
06854		XA109	43		XA108	37				168	9		DRDNO0	08	DMRE2A	01	1	TS8	D1		23B			
03538		XA108	37		XA108	70				168	9		DRDNO0	09	DMCK4A	01	1	TD4	C1		18B			
04322		XA108	70		XA105	41				168	9		DRDNO0	095	DTSE4A	01	4	TD4	F1		33A			
03159		XA105	41										DRDNO0	10	DOVE2A	01	1	TT3	D2		22B			
										****	SIGNAL	IDRWTO		IS ON THE	NEXT PAGE	****								

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DRAWING NUMBER
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149017-800
CARD CAGE ASSY B, 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	PIN	PREFIX	CONNECTOR	PIN	SIZE	MULTI GROUP	CODE	COLOR	IDENT											
00421		XA212	78		XA111	22			16B	9		DRDWT0	005	DTSH2A	01	3	TT3	F3	38A			
03161		XA111	22		XA108	06			16B	9		DRDWT0	01	DRDWT0	00	1	TQ2	B1	12A	RD + RD MAIN + WR		
03162		XA108	06		XA103	41			16B	9		DRDWT0	02	DRRE2A	01	1	TD4	A1	05A	B 33		
03163		XA103	41									DRDWT0	03	DT1C2A	01	1	TQ2	D3	22B			
03171		XA212	31		XA223	42			16B	9		DRD000	01	DRD000	00	1	TT3	C2	15B	READ + READ MAINT		
03487		XA223	42									DRD000	02	DRD4A	01	2	TQ2	C1	20A		C07	
03172		XA213	66		XA316	43			16B	9		DREB1A	01	DREB1A	00	1	THI	E1	32A			
03173		XA316	43									DREB1A	02	DXDC51X	01	5	MUX	C1	22B			
03174		XA316	29		XA213	63			16B	9		DREB2A	01	DXDC41X	01	5	MUX	B1	13B			
03175		XA213	63									DREB2A	02	DREB2A	00	1	THI	E2	30A			
03176		XA213	60		XA316	11			16B	9		DREB3A	01	DREB3A	00	1	THI	E3	28A			
03177		XA316	11									DREB3A	02	DXDC31X	01	5	MUX	A1	06B			
03178		XA103	80		XA315	43			16B	9		DREB4A	01	DREB4A	00	1	TQ2	F4	39A			
03179		XA315	43									DREB4A	02	DXDC21X	01	5	MUX	C1	22B			
03180		XA206	51		XA104	10			16B	9		DRECKA	01	DREOB2U	01	1	DBC	D2	25B			
03181		XA104	10									DRECKA	02	DRECKA	00	1	THI	A6	06B			
03182		XA111	14		XA104	15			16B	9		DRECK0	01	DRECK0	00	1	TQ2	B2	09A			
03183		XA104	15									DRECK0	02	DRECKA	01	1	THI	A6	07B			
03184		XA209	22		XA104	03			16B	9		DREC1A	01	DRENAP	01	1	TDD	CP	12A	CLR READ ENABLE		
03185		XA104	03									DREC1A	02	DREC1A	00	1	THI	A3	03A			
03186		XA111	21		XA104	04			16B	9		DREC10	01	DREC10	00	1	TQ2	B3	10B			
03187		XA104	04									DREC10	02	DREC1A	01	1	THI	A3	02A			
07726		XA337	75		XA212	39			16B	9		DREC6A	00	DREC60	01	1	THI	F6	39A		B07	
03188		XA212	39		XA111	18			16B	9		DREC6A	01	DREC6A	00	1	TT3	C3	19B			
03189		XA111	18									DREC6A	02	DRECK0	01	1	TQ2	B2	10A			
11169		XA309	01		XA337	77			16B	9		DREC60	01	DBLOON	01	1	TDD	BN	02B		B07	
11788		XA337	77									DREC60	02	DREC60	00	1	THI	F6	38A		B07	
02890		XA223	30		XA111	23			16B	9		DRED1A	01	DRED1A	00	1	TQ2	C2	15A	SELECT RAS 1		
03208		XA111	23									DRED1A	02	DRENA0	01	1	TQ2	B4	11B			
03489		XA223	36		XA231	01			16B	9		DRED30	01	DRED1A	01	2	TQ2	C2	17A			
01299		XA231	01									DRED30	02	DRED30	00	1	TQ2	A2	02B	NOT SYNC 2		
02880		XA223	38		XA231	04			16B	9		DRED4A	01	DRED4A	00	1	TQ2	C1	18A	SELECT RAS 0		
01538		XA231	04									DRED4A	02	DRED30	01	1	TQ2	A2	04A			
03196		XA350	42		XA244	19			16B	9		DRENADG	01				EXT					
03197		XA244	19									DRENADG	02				DCF					

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	PREFIX	CONNECTOR	PIN	PREF	CONNECTOR	PIN	DR PG	MULTI GROUP	CODE	COLOR												IDENT
03198 03199		XA244 XA350	17 41		XA350	41			16B	9		DRENADX DRENADX	01 02	DRENADX	00	1	DCF EXT	A3	07B	READ ENABLE		
03155 10858 12011 03540		XA311 XA214 XA209 XA108	76 62 23 68		XA214 XA209 XA108	62 23 68			16B	9		DRENAP DRENAP DRENAP DRENAP	00 01 02 03	DRBM1A DBUSZ0 DRENAP DTSE4A	01 01 00 01	2 3 1 3	TT3 TT3 TDD TD4	F3 E2 CP E1	37A 29A 11B 32A		B07 B07	
03200 03201		XA244 XA209	13 25		XA209	25			16B	9		DRENAQ DRENAQ	01 02	DRENAOX DRENAQ	01 00	1 1	DCF TDD	A4 CQ	05B 12B	READ ENABLE		
03202 03203		XA111 XA209	27 24		XA209	24			16B	9		DRENA0 DRENA0	01 02	DRENA0 DRENAI	00 01	1 1	TQ2 TDD	B4 CI	13B 13A	SET READ ENABLE		
03204 03205 03206		XA111 XA103 XA103	38 48 56		XA103 XA103	48 56			16B	9		DRENDO DRENDO DRENDO	01 02 03	DRENDO DTS34A DTS32A	00 01 01	1 1 2	TQ2 TQ2 TQ2	C1 D2 D1	18A 22A 26A	RAS END		
03207 03191		XA218 XA111	59 40		XA111	40			16B	9		DREN1A DREN1A	01 02	DREN1A DRENDO	00 01	1 1	TSB TQ2	E1 C1	31B 19A	TRACK 1024 . SECT		
11734 03036		XA314 XA316	27 54		XA316	54			16B	9		DRERRO DRERRO	01 02	DRERRO DXDB0TC	00 01	1 1	TQ2 MUX	B4 D3	13B 26A			
03213 03214		XA213 XA206	64 54		XA206	54			16B	9		DRE0B1U DRE0B1U	01 02	DREB1A DRE0B1U	01 00	1 1	THI DBC	E1 D1	33A 26A	BIT 09 EOB COUNT		
03215 03216		XA206 XA213	56 61		XA213	61			16B	9		DRE0B2U DRE0B2U	01 02	DRE0B2U DREB2A	00 01	1 1	DBC THI	D2 E2	28B 31A	BIT 08 2ND LSB		
03217 03218		XA213 XA206	62 60		XA206	60			16B	9		DRE0B3U DRE0B3U	01 02	DREB3A DRE0B3U	01 00	1 1	THI DBC	E3 D3	29A 28A	BIT 07 2ND MSB EOB		
03219 03220		XA103 XA206	76 62		XA206	62			16B	9		DRE0B4U DRE0B4U	01 02	DREB4A DRE0B4U	01 00	1 1	TQ2 DBC	F4 D4	37A 29A	BIT 06 MSB EOB CO		
11172 03221 03222 06899		XA309 XA218 XA206 XA102	05 38 52 30		XA218 XA206 XA102	38 52 30			16B 16B	9 9		DRE0B5U DRE0B5U DRE0B5U DRE0B5U	00 01 02 03	DBL00I DBL00A DRE0B5U DRA150	01 01 00 01	1 6 1 1	TDD TSB DBC TSB	BI C1 D5 C1	03B 18A 25A 15A		B07	
06861 10869 06871 03061		XA106 XA214 XA219 XA223	07 74 76 43		XA214 XA219 XA223	74 76 43			16B 16B 16B	9 9 9		DRIGEA DRIGEA DRIGEA DRIGEA	01 02 03 04	DRPEEA DRIGEA DCE1A DRPE1A	01 00 01 01	2 1 2 2	TQ2 TT3 TT3 TQ2	A3 F2 F3 D3	03A 35B 37A 23B		B09 B09 B09 B09	
10866 03233		XA214 XA209	71 55		XA209 XA318	55 11			16B 16B	9 9		DRIGEQ DRIGEQ	005 01	DRIGEA DRIGEQ	01 00	2 1	TT3 TDD	F2 KQ	36A 29B	IGNORE RAS PARTY	B09	
									***			SIGNAL	DRIGEQ									IS ON THE NEXT PAGE ****

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149017-800
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STRING

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	PREFIX	CONNECTOR	PIN	SERIAL	PREFIX	CONNECTOR	PIN	SERIAL	NO	MULTI GROUP	CODE	COLOR												IDENT
03234		XA318	11											DRIGEQU	02	DXDD61X	01	5	MUX	A1		06B		
03235		XA104	05		XA212	43				16B	9			DRLSOA	01	DRLSO0	01	1	THI	A4		03B		
03236		XA212	43		XA214	38				16B	9			DRLSOA	02	DRLSOA	00	1	TT3	D2		23B		B05
10836		XA214	38											DRLSOA	03	DRLS40	01	1	TT3	C1		18A		B05
02425		XA209	09		XA214	40				16B	9			DRLSOP	01	DRLSOP	00	1	TDD	BP		04B		B05
10838		XA214	40											DRLSOP	02	DRLS40	01	2	TT3	C1		19A		B05
02426		XA209	07		XA308	78				16B	9			DRLSOQ	01	DRLSOQ	00	1	TDD	BQ		03A		
07391		XA308	78		XA219	75				16B	9			DRLSOQ	02	DRMRZA	01	3	TD4	F1		38A		
03239		XA219	75											DRLSOQ	03	DRTCA	01	1	TT3	F1		37B		
03241		XA104	01		XA102	55				16B	9			DRLSO0	01	DRLSO0	00	1	THI	A4		02B		
06840		XA102	55											DRLSO0	02	DRTCA	01	1	TS8	E1		29B		B05
02532		XA209	04		XA215	48				16B	9			DRLS1A	01	DRLSOP	01	1	TDD	BP		04A		
02476		XA215	48											DRLS1A	02	DRLS1A	00	1	THI	D3		21A		
02482		XA215	50		XA112	43				16B	9			DRLS10	01	DRLS1A	00	1	THI	D3		22A		C10
07961		XA112	43											DRLS10	02	DRLS10	00	1	TT3	D2		23B		C10
07959		XA112	41		XA333	30				16B	9			DRLS2A	01	DRLS10	01	1	TT3	D2		22B		C10
00878		XA333	30											DRLS2A	02	DRLS2A	00	1	TQ2	C2		15A		
07963		XA112	46		XA333	51				16B	9			DRLS3A	01	DRLS10	01	2	TT3	D2		21A		C10
02140		XA333	51											DRLS3A	02	DRLS3A	00	1	TQ2	D4		27B		
01917		XA209	05		XA214	36				16B	9			DRLS40	01	DRLSOI	01	1	TDD	BI		03B		B05
10834		XA214	36											DRLS40	02	DRLS40	00	1	TT3	C1		17A		B05
03237		XA111	56		XA308	76				16B	9			DRMRZA	01	DRMR10	01	2	TQ2	D1		26A		
11723		XA308	76											DRMRZA	02	DRMRZA	00	1	TD4	F1		37A		
03248		XA205	35		XA204	66				16B	9			DRMR1A	01	DRSA15U	01	1	DBC	C5		16B		
07111		XA204	66		XA213	78				16B	9			DRMR1A	02	DRSA05U	01	1	DBC	F5		32B		
03250		XA213	78											DRMR1A	03	DRMR1A	00	1	THI	F5		36A		
03251		XA111	52		XA213	76				16B	9			DRMR10	01	DRMR10	00	1	TQ2	D1		24A		
03252		XA213	76											DRMR10	02	DRMR1A	00	1	THI	F5		37A		
03268		XA104	25		XA328	64				16B	9			DRPARA	01	DRPARA	00	1	THI	B2		11A		C03
03256		XA328	64											DRPARA	02	DRPERA	01	4	TD4	E2		30A		C03
03253		XA331	33		XA207	34				16B	9			DRPARER	01	DRPARER	00	1	EOR	C1		16B		
03254		XA207	34		XA104	23				16B	9			DRPARER	02	DRPARI	01	1	TDD	FI		16A		C03
03265		XA104	23											DRPARER	03	DRPARA	01	1	THI	B2		12A		C03
03257		XA331	31		XA207	31				16B	9			DRPARQ	01	DRPARER	01	1	EOR	C1		15B		
03258		XA207	31											DRPARQ	02	DRPARQ	00	1	TDD	FQ		15B		

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	PREFIX	CONNECTOR	PIN	SH 12	PREFIX	CONNECTOR	PIN	SH 12	MULTI GROUP	CODE	COLOR	IDENT											SEC INVT MISC	
03266		XA219	55		XA208	70				16B	9			DRPCKA	01	DRPCKA	00 1	TT3	E2	29B	READ- CLK PARITY	C03		
03433		XA208	70		XA207	30				16B	9			DRPCKA	02	DRPERN	01 1	TDD	JN	33A		C03		
03267		XA207	30											DRPCKA	03	DRPARN	01 1	TDD	FN	15A		C03		
03474		XA106	09		XA109	06				16B	9			DRPEEA	01	DRPEEA	00 1	TQ2	A3	04B	CLK TRACK ADD			
03269		XA109	06		XA111	53				16B	9			DRPEEA	02	DBRRELO	01 4	TS8	A1	05A				
03271		XA111	53		XA312	48				16B	9			DRPEEA	03	DRSER0	01 1	TQ2	E3	28B				
03272		XA312	48											DRPEEA	04	DBRERO	01 3	TD4	D2	22A				
03273		XA243	53		XA251	50				16B	9			DRPEEDG	01				DCF					
03274		XA251	50											DRPEEDG	02				EXT					
03275		XA251	49		XA243	60				16B	9			DRPEEDX4	01				EXT					
03276		XA243	60		XA242	17				16B	9			DRPEEDX4	02	DRPEEDX400	1		DCF	C5	31B	RAS PARITY ERROR		
03277		XA242	17		XA142	76				16B	9			DRPEEDX4	03				RR4	B4			D02	
10151		XA142	76											DRPEEDX4	04				RR4	H2				D02
03479		XA106	03		XA243	57				16B	9			DRPEEOX	005	DRPEEA	01 1	TQ2	A3	02A				
03278		XA243	57		XA317	29				16B	9			DRPEEOX	01	DRPEEOX	00 1	DCF	C6	31A				
07526		XA317	29											DRPEEOX	02	DXDC71X	01 5	MUX	B1	13B				
07951		XA112	33		XA328	57				16B	9			DRPERA	005	DRPER0	01 1	TT3	C3	16B			C03	
03281		XA328	57											DRPERA	01	DRPERA	00 1	TD4	E2	30B	READ PARITY ERR	C03		
07953		XA112	35		XA208	59				16B	9			DRPERP	02	DRPER0	01 2	TT3	C3	17B			C03	
03285		XA208	59		XA312	43				16B	9			DRPERP	03	DRPERP	00 1	TDD	JP	31B				
03286		XA312	43											DRPERP	04	DBRERO	01 1	TD4	D2	23B				
02978		XA223	41		XA208	61				16B	9			DRPER0	005	DRPE1A	01 1	TQ2	D3	22B				
03287		XA208	61		XA316	62				16B	9			DRPER0	01	DRPER0	00 1	TDD	JQ	32B	READ PARITY ERROR			
03288		XA316	62											DRPER0	02	DXDB0TD	01 1	MUX	D4	29A				
07957		XA112	39		XA208	68				16B	9			DRPER0	01	DRPER0	00 1	TT3	C3	19B			C03	
01944		XA208	68											DRPER0	02	DRPERI	01 1	TDD	JT	32A			C03	
03284		XA218	52		XA223	45				16B	9			DRPE1A	03	DRR00	01 6	TS8	D1	24A				
03003		XA223	45		XA308	77				16B	9			DRPE1A	04	DRPE1A	00 1	TQ2	D3	24B	PRTY ERR NOT IGNOR			
07304		XA308	77											DRPE1A	05	DRMRZA	01 2	TD4	E1	38B				
03537		XA108	07		XA111	41				16B	9			DRRENQ	01	DRCL4A	01 4	TD4	A2	03A				
03291		XA111	41		XA211	19				16B	9			DRRENQ	03	DRRENO	01 1	TQ2	D3	22B				
01306		XA211	19		XA208	57				16B	9			DRRENQ	04	DSR11A	01 2	TQ2	B3	09B				
03293		XA208	57											DRRENQ	05	DRRENQ	00 1	TDD	KP	30B				
03296		XA111	59		XA108	79				16B	9			DRRENQ	02	DRSNRA	01 1	TQ2	E4	31B				
03298		XA108	79		XA112	24				16B	9			DRRENQ	03	DWEN2A	01 4	TD4	F1	39B			D05	
07944		XA112	24		XA208	55				16B	9			DRRENQ	035	DSAC20	01 2	TT3	B1	13A			D05	
03299		XA208	55		XA219	46				16B	9			DRRENQ	04	DRRENQ	00 1	TDD	KQ	29B	DISC ENABLED			
										****	SIGNAL	DRRENQ												

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149017-800
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	PREFIX	CONNECTOR	PIN	PREFIX	CONNECTOR	PIN	MULTI GROUP	CODE	COLOR	IDENY												
03300 03294		XA219 XA224	46 24		XA224	24				16B	9		DRRENQ DRRENQ	05 06	DBFC9A DBFC80	01 2 01 1	TT3 TQ2	D2 B1	21A 13A			
03302 03303		XA111 XA208	45 62		XA208	62				16B	9		DRRENO DRRENO	01 02	DRRENO DRRENO	00 1 01 1	TQ2 TDD	D3 KI	24B 29A	SET DISC ENABLE F		
03304 03305		XA212 XA208	51 53		XA208	53				16B	9		DRRESA DRRESA	01 02	DRRESA DRRENQ	00 1 01 1	TT3 TDD	D3 KQ	27B 28B			
03306 03307		XA110 XA208	03 64		XA208	64				16B	9		DRRE1A DRRE1A	01 02	DRRE1A DRRENQ	00 1 01 1	THI TDD	A3 KP	03A 30A	RESET DISC ENABLE		
03308 03309		XA109 XA110	11 04		XA110	04				16B	9		DRRE10 DRRE10	01 02	DRRE10 DRRE1A	00 1 01 1	TS8 THI	A1 A3	05B 02A			
03310 03311		XA108 XA109	11 07		XA109	07				16B	9		DRRE2A DRRE2A	01 02	DRRE2A DRRE10	00 1 01 5	TD4 TS8	A1 A1	05B 03A	READ + WRITE . MC		
03312 03313 03314		XA211 XA111 XA109	74 51 10		XA111 XA109	51 10				16B 16B	9 9		DRRE3A DRRE3A DRRE3A	01 02 03	DBTS10 DRRE3A DRRE10	01 2 00 1 01 7	TQ2 TQ2 TS8	F3 D4 A1	35B 27B 07A	EOB . BOOTSTRAP		
03315 03316		XA224 XA111	51 43		XA111	43				16B	9		DRRE9A DRRE9A	01 02	DRRE9A DRRENO	00 1 01 2	TQ2 TQ2	D4 D3	27B 23B	NOT CW ACCESS + NO		
03317 03318		XA212 XA111	45 66		XA111	66				16B	9		DRRSSO DRRSSO	01 02	DRRESA DRRSSO	01 1 00 1	TT3 TQ2	D3 E1	24B 31A	PRESET DISC ENABL		
03319 03320		XA224 XA111	66 68		XA111	68				16B	9		DRRS1A DRRS1A	01 02	DRRS1A DRRSSO	00 1 01 1	TQ2 TQ2	E1 E1	31A 32A	SR FULL . MWC IS		
03321 01010		XA111 XA219	70 19		XA219	19				16B	9		DRRS2A DRRS2A	01 02	DRRSSO DRRS2A	01 2 00 1	TQ2 TT3	E1 B2	33A 09B	CYC ERR . READ . N		
06946 10849 03324 03169 07489 00824 03165		XA102 XA214 XA212 XA219 XA312 XA333 XA328	62 52 64 53 42 34 62		XA214 XA212 XA219 XA312 XA333 XA328	52 64 53 42 34 62				16B 16B 16B 16B 16B 16B	9 9 9 9 9 9		DRRWZO DRRWZO DRRWZO DRRWZO DRRWZO DRRWZO DRRWZO	01 02 03 04 041 05 06	DRTC2A DCYE1A DRRWZO DRPCKA DCCLRA DRLS2A DRPERA	01 4 01 1 00 1 01 1 01 4 01 1 01 3	TS8 TT3 TT3 TT3 TD4 TQ2 TD4	E1 D1 E1 E2 C1 C2 E2	29A 24A 30A 28B 20A 16A 29A		B07 B07 B05 B05 B05	
06862 03325 03327		XA106 XA110 XA218	05 01 04		XA110 XA218	01 04				16B 16B	9 9		DRSAOA DRSAOA DRSAOA	005 01 03	DSA00A DRSAOA DRA13A	01 2 00 1 01 2	TQ2 THI TS8	A2 A4 A1	03B 02B 04A	SECTOR ADD LINE 0		
03329 03330 03601 11578		XA331 XA317 XA223 XA204	35 34 25 70		XA317 XA223 XA204 XA110	34 25 70 05				16B 16B 16B 16B	9 9 9 9		DRSAO1U DRSAO1U DRSAO1U DRSAO1U	01 02 025 03	DSACOER DXDC71X DRA12A DRSAO1U	01 2 01 7 01 2 00 1	EOR MUX TQ2 DBC	C2 B1 B4 E1	17B 15B 12B 34A		B09 B09	
										****		SIGNAL	DRSAO1U								IS ON THE NEXT PAGE ****	

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	PREFIX	CONNECTOR	PIN	PREFIX	CONNECTOR	PIN	SH FT	MULTI GROUP	CODE	COLOR	IDENT												SPEC INET MISC
03332		XA110	05									DRSA01U	04	DRSA0A	01	1	THI	A4		03B		B05	
03333		XA328	79		XA331	38			16B	9		DRSA02U	01	DSATCA	01	4	TD4	F1		39B			
03334		XA331	38		XA317	18			16B	9		DRSA02U	02	DSAC1ER	01	2	EOR	C3		18A			
03335		XA317	18		XA224	59			16B	9		DRSA02U	03	DXDC61X	01	7	MUX	A1		09A			
03336		XA224	59		XA204	72			16B	9		DRSA02U	04	DRSA1A	01	1	TQ2	F4		31B			
11579		XA204	72									DRSA02U	05	DRSA02U	00	1	DBC	E2		35A			
03338		XA331	30		XA316	47			16B	9		DRSA03U	01	DSAC2ER	01	2	EOR	C4		15A			
03339		XA316	47		XA204	74			16B	9		DRSA03U	02	DXDC51X	01	7	MUX	C1		23A			
11580		XA204	74		XA110	09			16B	9		DRSA03U	03	DRSA03U	00	1	DBC	E3		36A			
03341		XA110	09		XA108	74			16B	9		DRSA03U	04	DRSA2A	01	1	THI	A5		05B		B09	
06931		XA108	74									DRSA03U	05	DRA19A	01	4	TD4	F2		35B		B09	
03342		XA328	78		XA331	41			16B	9		DRSA04U	01	DSATCA	01	3	TD4	F1		38A			
03343		XA331	41		XA316	34			16B	9		DRSA04U	02	DSAC3ER	01	2	EOR	D1		22B			
03344		XA316	34		XA204	76			16B	9		DRSA04U	03	DXDC41X	01	7	MUX	B1		15B			
11581		XA204	76		XA110	15			16B	9		DRSA04U	04	DRSA04U	00	1	DBC	F4		37A			
03346		XA110	15		XA108	73			16B	9		DRSA04U	05	DRSA3A	01	1	THI	A6		07B		B09	
06948		XA108	73									DRSA04U	06	DRA19A	01	3	TD4	F2		36B		B09	
03347		XA205	47		XA204	68			16B	9		DRSA05U	01	DRSA13U	01	1	DBC	C3		23A			
11577		XA204	68									DRSA05U	02	DRSA05U	00	1	DBC	E5		33A			
03349		XA224	63		XA218	05			16B	9		DRSA1A	01	DRSA1A	00	1	TQ2	E4		33B		RESET SECT ADD	
03350		XA218	05		XA109	30			16B	9		DRSA1A	02	DRA13A	01	3	TS8	A1		03B			
03351		XA109	30									DRSA1A	03	DSA0XA	01	1	TS8	C1		15A			
06893		XA108	72		XA110	22			16B	9		DRSA11U	005	DRA19A	01	2	TD4	F2		34A		B09	
03352		XA110	22		XA205	38			16B	9		DRSA11U	01	DRSA4A	01	1	THI	B1		14A			
03353		XA205	38		XA331	47			16B	9		DRSA11U	02	DRSA11U	00	1	DBC	C1		18A		BIT 27 SECTOR ADD	
03354		XA331	47		XA328	77			16B	9		DRSA11U	03	DSAC4ER	01	2	EOR	D2		25B			
03355		XA328	77		XA316	18			16B	9		DRSA11U	04	DSATCA	01	2	TD4	F1		38B			
03358		XA316	18									DRSA11U	05	DXDC31X	01	7	MUX	A1		09A			
03356		XA331	52		XA315	47			16B	9		DRSA12U	01	DSAC5ER	01	2	EOR	D3		24A			
03357		XA315	47		XA223	19			16B	9		DRSA12U	02	DXDC21X	01	7	MUX	C1		23A			
03359		XA223	19		XA205	40			16B	9		DRSA12U	04	DRA11A	01	2	TQ2	B3		09B			
03360		XA205	40		XA110	23			16B	9		DRSA12U	05	DRSA12U	00	1	DBC	C2		19A		BIT 26 S.A 2ND MS	
03361		XA110	23									DRSA12U	06	DRSA5A	01	1	THI	B2		12A			
06850		XA108	71		XA110	20			16B	9		DRSA13U	005	DRA19A	01	1	TD4	F2		36A		B09	
03362		XA110	20		XA205	42			16B	9		DRSA13U	01	DRSA6A	01	1	THI	B3		10A			
03363		XA205	42		XA223	17			16B	9		DRSA13U	02	DRSA13U	00	1	DBC	C3		20A		BIT 25 S.A. MSB	
03364		XA223	17		XA315	34			16B	9		DRSA13U	03	DRA11A	01	1	TQ2	B3		08B			
03365		XA315	34		XA331	46			16B	9		DRSA13U	04	DXDC11X	01	7	MUX	B1		15B			
03366		XA331	46		XA328	75			16B	9		DRSA13U	05	DSAC6ER	01	2	EOR	D4		21A			
03367		XA328	75									DRSA13U	06	DSATCA	01	1	TD4	F1		37B			
03368		XA110	07		XA109	31			16B	9		DRSA2A	01	DRSA2A	00	1	THI	A5		04B		SECTOR ADD LINE 2	
									****	SIGNAL	(DRSA2A)			IS ON THE	NEXT PAGE	****							

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	PREFIX	CONNECTOR	PIN	WIRE NO	PREFIX	CONNECTOR	PIN	WIRE NO	MULTI GROUP	CODE	COLOR	IDENT														
03369 03370		XA109 XA218	31 06		XA218	06					16B	9		DRSA2A DRSA2A	02 03	DSA0XA DRA13A	01 01	2 4	TS8 TS8	C1 A1		15B 05A		B09		
03372 03373 03374		XA110 XA109 XA218	10 34 07		XA109 XA218	34 07					16B	9		DRSA3A DRSA3A DRSA3A	01 02 03	DRSA3A DSA0XA DRA13A	00 01 01	1 3 5	TH1 TS8 TS8	A6 C1 A1		06B 16A 03A	SECTOR ADD LINE 3			
03375 03376 03377		XA218 XA109 XA110	08 36 24		XA109 XA110	36 24					16B	9		DRSA4A DRSA4A DRSA4A	01 02 03	DRA13A DSA0XA DRSA4A	01 01 00	6 4 1	TS8 TS8 TH1	A1 C1 B1		06A 17A 13A	SECTOR ADD LINE 4			
03378 03379 03380		XA110 XA109 XA218	25 37 10		XA109 XA218	37 10					16B	9		DRSA5A DRSA5A DRSA5A	01 02 03	DRSA5A DSA0XA DRA13A	00 01 01	1 5 7	TH1 TS8 TS8	B2 C1 A1		11A 18B 07A	SECTOR ADD LINE 5		B09	
05427 03383 03384		XA314 XA109 XA110	29 38 18		XA109 XA110	38 18					16B	9		DRSA6A DRSA6A DRSA6A	01 02 03	DRA100 DSA0XA DRSA6A	01 01 00	1 6 1	TQ2 TS8 TH1	C3 C1 B3		14B 18A 09A	SECTOR ADD LINE 6		B09	
07112 03386 03387		XA204 XA205 XA111	69 37 60		XA205 XA111	37 60					16B	9		DRSCKA DRSCKA DRSCKA	01 02 03	DRSA02U DRSA12U DRSCKA	01 01 00	1 1 1	DBC DBC TQ2	E2 C2 E2		32A 17B 28A	SECTOR ADD CLK			
03388 03389		XA111 XA212	62 55		XA212	55					16B	9		DRSCK0 DRSCK0	01 02	DRSCKA DRSCK0	01 00	1 1	TQ2 TT3	E2 E2		29A 29B	SECT CLK - LOAD +			
03390 02852 02853 11230 03080 03394		XA111 XA208 XA209 XA309 XA309 XA212 XA224	20 30 60 70 70 56 57		XA208 XA209 XA309 XA212 XA224	30 60 70 56 57						16B	9		DRSC1A DRSC1A DRSC1A DRSC1A DRSC1A DRSC1A	01 02 025 03 04 05	DRECK0 DRCC0N DR1GEN DDATHN DCOAOA DRSC1A	01 01 01 01 01 00	2 1 1 1 3 1	TQ2 TDD TDD TDD TT3 TQ2	B2 FN KN JN D1 E3		11A 15A 28A 33A 26A 30B	LOAD RASC WORD		B10 B10 B10 C11 C11
11547 03396		XA102 XA212	47 60		XA212	60					16B	9		DRSC2A DRSC2A	01 02	DRSC2A DRSCK0	00 01	1 2	TS8 TT3	D1 E2		25B 28A				
03397 03398		XA219 XA212	63 62		XA212	62					16B	9		DRSC3A DRSC3A	01 02	DRSC3A DRSCK0	00 01	1 3	TT3 TT3	E3 E2		33B 29A				
02179 03399 03400		XA106 XA108 XA219	25 23 61		XA108 XA219	23 61					16B	9		DRSC40 DRSC40 DRSC40	005 01 02	DRSC5A DRSC40 DRSC3A	01 00 01	2 1 3	TQ2 TD4 TT3	B4 B1 E3		12B 11B 32B	WRITE ZEROS + WR		B09	
03570 03534		XA106 XA105	27 13		XA105	13					16B	9		DRSC5A DRSC5A	01 02	DRSC5A DSAC10	00 01	1 3	TQ2 TT3	B4 A3		13B 06B			B09	
07926 03391 03392 03393		XA112 XA206 XA212 XA212	04 37 53 57		XA206 XA212 XA212	37 53 57					16B	9		DRSC6A DRSC6A DRSC6A DRSC6A	01 02 03 04	DRSC6A DRSC6A DRSCK0 DRSCK0	00 01 01 01	1 1 1 1	TT3 DBC TT3 TT3	A1 C2 E2 E3		04A 17B 28B 30B	MAIN. SKIP		B10 B10 B10 B10	

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	PREFIX	CONNECTOR	PIN	WIRE	PREFIX	CONNECTOR	PIN	WIRE	MULTI GROUP	CODE	COLOR	IDENT											
03401		XA305	45		XA105	71				168	9		DRSERP	01	DRSERP	00	1	TDD	HP		24B		
03402		XA105	71		XA218	46				168	9		DRSERP	02	DRSESA	01	2	TT3	F2		36A	C01	
04803		XA218	46										DRSERP	03	DERR00	01	2	TS8	D1		21A	C01	
03403		XA316	75		XA305	48				168	9		DRSERO	01	DXDB4TB	01	1	MUX	E2		35B	C03	
03411		XA305	48		XA105	65				168	9		DRSERO	02	DRSERT	01	1	TDD	HT		22A	C03	
03405		XA105	65		XA111	57				168	9		DRSERO	03	DRSESA	01	1	TT3	F2		34B		
03406		XA111	57										DRSERO	04	DRSERO	00	1	TQ2	F3		30B	SELECTED RAS ERR	
03408		XA105	74		XA312	56				168	9		DRSESA	02	DRSESA	00	1	TT3	F2		35B		
03409		XA312	56		XA327	77				168	9		DRSESA	03	DXXDIS	01	4	TD4	D1		26A		
03410		XA327	77										DRSESA	04	DXXRCO	01	6	TS8	F1		38B		
03415		XA109	26		XA110	19				168	9		DRSLCA	01	DSACAA	01	8	TS8	B1		14A	C07	
03414		XA110	19										DRSLCA	02	DRSLCA	00	1	THI	B5		10B		
03413		XA111	61		XA110	21				168	9		DRSLCO	01	DRSNRA	01	2	TQ2	E4		32B	C07	
03416		XA110	21		XA108	21				168	9		DRSLCO	02	DRSLCA	01	1	THI	B5		11B		
03417		XA108	21										DRSLCO	03	DRSLCO	00	1	TD4	B2		10B	RAS SELECT IS REA	
03903		XA105	04		XA108	14				168	9		DRSLOA	01	DRSLOA	00	1	TT3	A1		04A		
03419		XA108	14										DRSLOA	02	DRSLOA	01	1	TD4	B2		09A		
03420		XA108	18		XA105	19				168	9		DRSL1A	01	DRSLCO	01	2	TD4	B2		10A		
04051		XA105	19										DRSL1A	02	DRSL1A	00	1	TT3	B2		09B		
11553		XA105	39		XA108	19				168	9		DRSL2A	01	DRSL2A	00	1	TT3	C3		19B		
03423		XA108	19										DRSL2A	02	DRSLCO	01	3	TD4	B2		09B		
11554		XA105	80		XA108	20				168	9		DRSL3A	01	DRSL3A	00	1	TT3	F3		39A		
03425		XA108	20										DRSL3A	02	DRSLCO	01	4	TD4	B2		11A		
03426		XA207	41		XA111	63				168	9		DRSNRA	01	DRSNRQ	01	1	TDD	HQ		22B		
03427		XA111	63										DRSNRA	02	DRSNRA	00	1	TQ2	F4		33B		
03428		XA218	50		XA207	45				168	9		DRSNRP	01	DERR00	01	5	TS8	D1		23A		
03429		XA207	45										DRSNRP	02	DRSNRP	00	1	TDD	HP		24B		
03430		XA207	43		XA316	76				168	9		DRSNRQ	01	DRSNRQ	00	1	TDD	HQ		23B	SELECTED RAS NOT	
03431		XA316	76										DRSNRQ	02	DXDB4TD	01	1	MUX	F4		37A		
03432		XA110	26		XA207	36				168	9		DRSSKA	01	DRSSKA	00	1	THI	B6		12B	CLK TO CLR STATUS	
03260		XA207	36										DRSSKA	02	DRPARP	01	1	TDD	FP		17A		
03434		XA106	06		XA110	27				168	9		DRSSKO	01	DRSSKO	00	1	TQ2	A1		05A	CLK CONTROL SR FU	
03435		XA110	27										DRSSKO	02	DRSSKA	01	1	THI	B6		13B		
03436		XA205	54		XA243	11				168	9		DRTA01U	01	DRTA01U	00	1	DRC	D1		26A	BIT 24 TRACK ADD	
										****		SIGNAL	DRTA01U		IS ON THE							NEXT PAGE	****

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	PREFIX	CONNECTOR	PIN	SH. P.O.	PREFIX	CONNECTOR	PIN	SH. P.O.	MULTI GROUP	CODE	COLOR	IDENT											
03437		XA243	11										DRTA01U	02	DTA010X	01	1	DCF	A2		04B		
03438		XA243	13		XA205	56				16B	9		DRTA02U	01	DTA020X	01	1	DCF	A4		05B		
03439		XA205	56										DRTA02U	02	DRTA02U	00	1	DBC	D2		28B	BIT 23 T.A. 2ND L	
03440		XA205	60		XA243	08				16B	9		DRTA03U	01	DRTA03U	00	1	DBC	D3		28A	BIT 22 T.A. 3RD L	
03441		XA243	08										DRTA03U	02	DTA030X	01	1	DCF	A6		06A		
03442		XA243	04		XA205	62				16B	9		DRTA04U	01	DTA040X	01	1	DCF	A8		04A		
03443		XA205	62										DRTA04U	02	DRTA04U	00	1	DBC	D4		29A	BIT 21 T.A. 4TH L	
03444		XA204	47		XA205	52				16B	9		DRTA05U	01	DRTA13U	01	1	DBC	C3		23A		
03445		XA205	52		XA206	78				16B	9		DRTA05U	02	DRTA05U	00	1	DBC	D5		25A	T.A. 4TH LSB ALL	
07118		XA206	78		XA218	66				16B	9		DRTA05U	021	DRTA24U	01	1	DBC	E4		38A		
03446		XA218	66										DRTA05U	03	DREN1A	01	6	TS8	E1		31A		
03454		XA204	38		XA243	31				16B	9		DRTA11U	01	DRTA11U	00	1	DBC	C1		18A	BIT 20 T.A. 5TH L	
03455		XA243	31										DRTA11U	02	DTA050X	01	1	DCF	B2		12B		
03456		XA243	33		XA204	40				16B	9		DRTA12U	01	DTA060X	01	1	DCF	B4		13B		
03457		XA204	40										DRTA12U	02	DRTA12U	00	1	DBC	C2		19A	BIT 19 T.A. 5TH M	
03458		XA204	42		XA243	38				16B	9		DRTA13U	01	DRTA13U	00	1	DBC	C3		20A	BIT 18 T.A. 4TH M	
03459		XA243	38										DRTA13U	02	DTA070X	01	1	DCF	B6		14A		
12017		XA204	46		XA243	34				16B	9		DRTA14U	01	DRTA14U	00	1	DBC	C4		21A	BIT 17 T.A. 3RD M	
03464		XA243	34										DRTA14U	02	DTA080X	01	1	DCF	B8		12A		
03461		XA218	68		XA206	79				16B	9		DRTA15U	02	DREN1A	01	7	TS8	E1		32A		
07117		XA206	79		XA204	36				16B	9		DRTA15U	03	DRTA23U	01	1	DBC	E3		37B		
03463		XA204	36										DRTA15U	04	DRTA15U	00	1	DBC	C5		17A	T.A. 3RD MSD TO L	
03470		XA243	71		XA218	62				16B	9		DRTA21U	01	DTA090X	01	1	DCF	D2		34B		
03466		XA218	62		XA206	70				16B	9		DRTA21U	03	DREN1A	01	4	TS8	E1		29A		
03331		XA206	70										DRTA21U	04	DRTA21U	00	1	DBC	E1		34A	SECTOR ADD LSB BY	
03469		XA243	73		XA218	64				16B	9		DRTA22U	01	DTA100X	01	1	DCF	D4		35B		
03471		XA218	64		XA206	72				16B	9		DRTA22U	03	DREN1A	01	5	TS8	E1		30A		
03337		XA206	72		XA105	78				16B	9		DRTA22U	04	DRTA22U	00	1	DBC	E2		35A	BIT 30 2ND LSB	
06894		XA105	78		XA105	18				16B	9		DRTA22U	05	DRSL3A	01	3	TT3	F3		38A		
04241		XA105	18		XA110	36				16B	9		DRTA22U	06	DRSL1A	01	3	TT3	B2		10A		
03473		XA110	36										DRTA22U	07	DRT22A	01	1	THI	C3		16A		B04
03340		XA206	74		XA309	71				16B	9		DRTA23U	01	DRTA23U	00	1	DBC	E3		36A	BIT 29 3RD LSB	C01
11231		XA309	71							16B	9		DRTA23U	02	DSELR I	01	1	TDD	MI		36A		C01
03225		XA104	07		XA204	37				16B	9		DRTCKA	01	DRTCKA	00	1	THI	A5		04B		
03475		XA204	37		XA205	51				16B	9		DRTCKA	02	DRTA12U	01	1	DBC	C2		17B		
03476		XA205	51		XA206	69				16B	9		DRTCKA	03	DRTA02U	01	1	DBC	D2		25B		
03385		XA206	69										DRTCKA	04	DRTA22U	01	1	DBC	E2		32A		

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 DRAWING NUMBER
 UNIT ASSEMBLY NAME

149017-800
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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	MULTI GROUP	CODE	COLOR	IDENT											
04187		XA333	49		XA212	63			16B	9		DRTCKO	005	DRLS3A	01	2	TQ2	D4	26B		
03478		XA212	63		XA104	09			16B	9		DRTCKO	01	DRTCKO	00	1	TT3	E3	33B		
03228		XA104	09									DRTCKO	03	DRTCKA	01	1	THI	A5	05B		
03480		XA219	73		XA212	59			16B	9		DRTC1A	01	DRTC1A	00	1	TT3	F1	36B	CLK TA AT SECTOR	
03481		XA212	59									DRTC1A	02	DRTCKO	01	2	TT3	E3	31B		
11548		XA102	59		XA212	61			16B	9		DRTC2A	01	DRTC2A	00	1	TS8	F1	31B		
03483		XA212	61									DRTC2A	02	DRTCKO	01	3	TT3	E3	32B		
03484		XA314	35		XA106	15			16B	9		DRIDEA	01	DXDDO	01	1	TQ2	C4	17B		
03485		XA106	15									DRIDEA	02	DRIDEA	00	1	TQ2	A4	07B	BTSP. ADD. ENB TI	
03490		XA110	34		XA105	37			16B	9		DRT22A	03	DRT22A	00	1	THI	C3	15A		
06901		XA105	37		XA105	10			16B	9		DRT22A	04	DRSL2A	01	3	TT3	C3	18B		
03058		XA105	10									DRT22A	05	DRSLOA	01	3	TT3	A1	07A		
03491		XA243	44		XA251	06			16B	9		DRWLDG	01					DCF			
03492		XA251	06									DRWLDG	02					EXT			
10148		XA142	73		XA242	19			16B	9		DRWLDX4	01				RR4	H4			D02
03494		XA242	19		XA243	43			16B	9		DRWLDX4	02				RR4	B5			
03495		XA243	43		XA251	05			16B	9		DRWLDX4	03	DRWLDX400	1		DCF	C7	25A	READ/WRITE CLOCKS	D02
03493		XA251	05									DRWLDX4	04				EXT			D02	
03496		XA207	21		XA106	26			16B	9		DRWCLP	01	DRWCLP	00	1	TDD	DP	10B		
03497		XA106	26		XA105	09			16B	9		DRWCLP	02	DRWMRO	01	2	TQ2	B1	14A		B09
02987		XA105	09		XA111	17			16B	9		DRWCLP	03	DSAC10	01	1	TT3	A3	04B		
03193		XA111	17									DRWCLP	04	DREC10	01	1	TQ2	B3	08B		B07
12021		XA207	19		XA214	54			16B	9		DRWCLQ	01	DRWCLQ	00	1	TDD	D0	09B	WORD 21.CLK-CLEAR	B07
10851		XA214	54									DRWCLQ	02	DCYE1A	01	2	TT3	D1	25A		B07
07537		XA315	75		XA315	69			16B	9		DRWCLOX	005	DRBCKTB	01	1	MUX	E2	35B		
03498		XA315	69		XA210	70			16B	9		DRWCLOX	01	DRBCKTA	01	1	MUX	E1	32A	0 POLARITY	
04011		XA210	70		XA243	48			16B	9		DRWCLOX	02	DRCLSN	01	1	TDD	JN	33A		
03500		XA243	48									DRWCLOX	03	DRWCLOX	00	1	DCF	C8	26A		
03501		XA206	04		XA204	54			16B	9		DRWC01U	01	DRWDE0T	01	1	DBC	A1	02A		
03502		XA204	54									DRWC01U	02	DRWC01U	00	1	DBC	D1	26A	WORD COUNT BIT 0	
03503		XA204	56		XA206	06			16B	9		DRWC02U	01	DRWC02U	00	1	DBC	D2	28B	W.C. BIT 1	
03504		XA206	06									DRWC02U	02	DRWDE1T	01	1	DBC	A2	03A		
03505		XA206	03		XA204	60			16B	9		DRWC03U	01	DRWDE2T	01	1	DBC	A3	02B		
03506		XA204	60									DRWC03U	02	DRWC03U	00	1	DBC	D3	28A	W.C. BIT 2	
03453		XA110	38		XA204	62			16B	9		DRWC04U	01	DRWC4A	01	1	THI	C1	20A		B07
									****	SIGNAL	(DRWC04U)									IS ON THE NEXT PAGE	****

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149017-800
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	PREFIX	CONNECTOR	PIN	U L S	PREFIX	CONNECTOR	PIN	U L S	MULTI GROUP	CODE	COLOR	IDENT											
I2022		XA204	62										DRWCO4U	02	DRWCO4U	00	1	DBC	D4		29A	W.C. BIT 3	
06837		XA104	75		XA204	52				16B	9		DRWCO5U	01	DRWC5A	01	1	THI	F6		39A		B05
03508		XA204	52										DRWCO5U	02	DRWCO5U	00	1	DBC	D5		25A	WORD COUNT IS 15	
03451		XA110	40		XA214	35				16B	9		DRWC4A	01	DRWC4A	00	1	THI	C1		19A	RESET TA	B07
I0833		XA214	35										DRWC4A	02	DRWDOO	01	2	TT3	C3		17B		B07
I1552		XA104	77		XA333	68				16B	9		DRWC5A	01	DRWC5A	00	1	THI	F6		38A		B05
04130		XA333	68										DRWC5A	02	DRW160	01	1	TQ2	E1		32A		B05
03509		XA105	05		XA110	39				16B	9		DRWDE4T	01	DSR12A	01	3	TT3	A2		03B		
03510		XA110	39		XA206	17				16B	9		DRWDE4T	02	DRW200	01	1	THI	C6		19B		
03511		XA206	17		XA219	48				16B	9		DRWDE4T	03	DRWDE4T	00	1	DBC	A5		08B	WORD 20 + 28	
03514		XA219	48		XA224	74				16B	9		DRWDE4T	04	DBFC9A	01	3	TT3	D2		22A		
07259		XA224	74										DRWDE4T	05	DWRZRA	01	2	TQ2	E3		35B		
07488		XA312	34		XA214	21				16B	9		DRWDE5T	01	DBFC6A	01	3	TD4	C2		16A		B05
I0821		XA214	21		XA212	17				16B	9		DRWDE5T	02	DRW32A	01	1	TT3	B3		10B		B05
03516		XA212	17		XA206	07				16B	9		DRWDE5T	05	DRW32A	01	2	TT3	B2		08B		
03517		XA206	07		XA110	52				16B	9		DRWDE5T	06	DRWDE5T	00	1	DBC	A6		04B	WORD 21 + 29	
03518		XA110	52										DRWDE5T	07	DRW210	01	1	THI	D1		26A		
03519		XA110	33		XA207	20				16B	9		DRWDE8T	01	DRWQ00	01	1	THI	C5		17B		
03520		XA207	20		XA206	15				16B	9		DRWDE8T	02	DRWCLP	01	1	TDD	DP		11A		
03521		XA206	15										DRWDE8T	03	DRWDE8T	00	1	DBC	A9		07B	WORD 0 + 8	
02324		XA215	34		XA312	40				16B	9		DRWDOA	01	DRWDOA	00	1	THI	C3		15A	WORD 0	B07
07312		XA312	40										DRWDOA	02	DCCLRA	01	3	TD4	C1		19A		B07
I0837		XA214	39		XA215	36				16B	9		DRWDOO	01	DRWDOO	00	1	TT3	C3		19B		B05
02320		XA215	36										DRWDOO	02	DRWDOA	01	1	THI	C3		16A		B07
03522		XA204	49		XA207	22				16B	9		DRWMRA	01	DRWCO5U	01	1	DBC	D5		24B		
03523		XA207	22		XA110	30				16B	9		DRWMRA	02	DRW16P	01	1	TDD	CP		12A		
03524		XA110	30										DRWMRA	03	DRWMRA	00	1	THI	C4		14B	RESET WORD COUNT	
03525		XA106	22		XA110	29				16B	9		DRWMRO	01	DRWMRO	00	1	TQ2	B1		12A		
03526		XA110	29										DRWMRO	02	DRWMRA	01	1	THI	C4		15B		
03527		XA223	35		XA106	14				16B	9		DRWMT0	01	DRAI4A	01	1	TQ2	C4		17B		
03529		XA106	14										DRWMT0	03	DRWMT0	00	1	TQ2	B2		09A	READ MAINT + WRIT	
03530		XA110	31		XA214	33				16B	9		DRW000	01	DRW000	00	1	THI	C5		16B	WORD 0 + 8	B07
I0831		XA214	33										DRW000	02	DRW000	01	1	TT3	C3		16B		B07
03532		XA206	05		XA207	23				16B	9		DRW16P	01	DRWDE3T	01	1	DBC	A4		03B		
03533		XA207	23		XA333	70				16B	9		DRW16P	02	DRW16P	00	1	TDD	CP		11B		B05
04172		XA333	70										DRW16P	03	DRW160	01	2	TQ2	E1		33A		B05
												****	SIGNAL	DRW160	IS ON THE NEXT PAGE				****				

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RECORD NUMBER	PREFIX	CONNECTOR	PIN	PIN	PREFIX	CONNECTOR	PIN	SH P D	MULTI GROUP	CODE	COLOR	IDENT	SIG IN MISC	SIGNAL	SQ NO	EQUATION	TER	FACT	OR CHP TYPE	GROUP	OR POWER PLANE	POINTS AND OR	SIGNAL DESCRIPTION	ECO NO	
02149		XA333	66			XA207	24			16B	9			DRW160	01	DRW160	00	1	TQ2	E1		31A	RESET MEM ADD REC	805	
03507		XA207	24											DRW160	02	DRW16T	01	1	TDD	CT		13A		805	
03535		XA110	42			XA214	61			16B	9			DRW200	01	DRW200	00	1	THI	C6		18B	WORD 20	807	
10857		XA214	61											DRW200	02	DSR13A	01	3	TT3	E3		32B		807	
05370		XA102	20			XA102	49			16B	9			DRW210	005	DTSE2A	01	4	TS8	B1		11A			
06897		XA102	49			XA110	54			16B	9			DRW210	01	DRSC2A	01	4	TS8	D1		26B			
03539		XA110	54			XA207	18			16B	9			DRW210	04	DRW210	00	1	THI	D1		25A	WORD 21	807	
03541		XA207	18			XA212	41			16B	9			DRW210	065	DRWCI T	01	1	TDD	DI		10A			
03542		XA212	41			XA218	60			16B	9			DRW210	07	DRL50A	01	1	TT3	D2		22B		807	
03544		XA218	60			XA214	24			16B	9			DRW210	09	DREN1A	01	2	TS8	E1		28A			
10824		XA214	24			XA328	05			16B	9			DRW210	10	DWOPNA	01	2	TT3	B1		13A		805	
00423		XA328	05											DRW210	11	DCWCRA	01	3	TD4	A2		03B		805	
10827		XA214	27			XA224	29			16B	9			DRW32A	01	DRW32A	00	1	TT3	B3		13B	WORD 21.BIT 32	805	
03007		XA224	29											DRW32A	02	DRW320	01	1	TQ2	C3		14B		805	
03054		XA224	33			XA214	17			16B	9			DRW320	01	DRW320	00	1	TQ2	C3		16B	DISC STATE 0	805	
10817		XA214	17											DRW320	02	DWOPRA	01	2	TT3	B2		08B		805	
11728		XA312	59			XA327	71			16B	9			DROPCA	01	DROPCA	00	1	TD4	F1		31B			
04054		XA327	71											DROPCA	02	DXXRC0	01	1	TS8	F1		36A			
03550		XA316	70			XA209	61			16B	9			DROPCQ	01	DXDB4TC	01	1	MUX	E3		34A			
12007		XA209	61											DROPCQ	02	DROPCQ	00	1	TDD	JQ		32B	CONTROL RAS INPUT		
01280		XA337	10			XA209	66			16B	9			DROPRA	01	DROPRA	00	1	THI	A6		06B	MEM. PARITY ERROR	809	
03070		XA209	66											DROPRA	02	DROPCP	01	1	TDD	JP		31A		809	
00877		XA333	38			XA337	15			16B	9			DROPRO	01	DROPRO	00	1	TQ2	C1		18A		809	
01283		XA337	15											DROPRO	02	DROPRA	01	1	THI	A6		07B	CHECKER	809	
11722		XA308	69			XA312	52			16B	9			DROP1A	01	DROP1A	00	1	TD4	F2		35A			
03548		XA312	52											DROP1A	02	DXXDIS	01	2	TD4	D1		24A			
03552		XA109	23			XA110	47			16B	9			DSACAA	01	DSACAA	00	1	TS8	B1		11B	SECTOR COMPARES -		
03553		XA110	47											DSACAA	02	DSACAO	01	1	THI	D2		24A			
03465		XA223	34			XA207	78			16B	9			DSACAO	01	DRED1A	01	1	TQ2	C2		16A			
03555		XA207	78			XA108	77			16B	9			DSACAO	02	DSACAO	00	1	TDD	LQ		38A	SECTOR COMPARES		
03556		XA108	77			XA105	40			16B	9			DSACAO	03	DWEN2A	01	2	TD4	E1		38B			
03557		XA105	40											DSACAO	04	DWEN1A	01	2	TT3	C1		19A			
03558		XA110	49			XA207	77			16B	9			DSACAO	01	DSACAO	00	1	THI	D2		23A			
03559		XA207	77											DSACAO	02	DSACAT	01	1	TDD	LI		38B			
03560		XA331	39			XA109	14			16B	9			DSACOER	01	DSACOER	00	1	EOR	C2		19B	COMP S.A. LINE 0		
03561		XA109	14											DSACOER	02	DSACAA	01	1	TS8	B1		09A	AND READY		
										****		SIGNAL		DSACIA											

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149017-800
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	PREFIX	CONNECTOR	PIN	SH	PREFIX	CONNECTOR	PIN	SH	MULTI GROUP	CODE	COLOR	IDENT											
03562 03563		XA207 XA110	75 48			XA110 48				16B	9		DSAC1A DSAC1A	01 02	DSACAP DSAC1A	01 00	1 1	TDD THI	LP D3		37B 21A	RESET SECTOR COMP	
03564 03565		XA109 XA331	18 42			XA331 42				16B	9		DSAC1ER DSAC1ER	01 02	DSACAA DSAC1ER	01 00	2 1	TS8 EOR	B1 C3		10A 20A	COMP S.A. LINE 1	
03566 03906		XA110 XA105	50 15			XA105 15				16B	9		DSAC10 DSAC10	01 02	DSAC1A DSAC10	01 00	1 1	THI TT3	D3 A3		22A 07B	ENABLE FOR CYCLIC	B09
01806 04318		XA303 XA105	60 11			XA105 11				16B	9		DSAC2A DSAC2A	01 02	DSAC2A DSAC10	00 01	1 2	TQ2 TT3	E2 A3		28A 05B	ERROR NOT BOOTSTR	D05
03568 03569		XA331 XA109	36 19			XA109 19				16B	9		DSAC2ER DSAC2ER	01 02	DSAC2ER DSACAA	00 01	1 3	EOR TS8	C4 B1		17A 09B	COMP S.A. LINE 2	
07940 01803		XA112 XA303	20 62			XA303 62				16B	9		DSAC20 DSAC20	01 02	DSAC20 DSAC2A	00 01	1 1	TT3 TQ2	B1 E2		11A 29A		D05
03572 03573		XA331 XA109	45 20			XA109 20				16B	9		DSAC3ER DSAC3ER	01 02	DSAC3ER DSACAA	00 01	1 4	EOR TS8	D1 B1		24B 11A	COMP S.A. LINE 3	
03574 03575		XA109 XA331	22 51			XA331 51				16B	9		DSAC4ER DSAC4ER	01 02	DSACAA DSAC4ER	01 00	5 1	TS8 EOR	B1 D2		12A 27B	COMP S.A. LINE 4	
03576 03577		XA331 XA109	56 24			XA109 24				16B	9		DSAC5ER DSAC5ER	01 02	DSAC5ER DSACAA	00 01	1 6	EOR TS8	D3 B1		26A 13A	COMP S.A. LINE 5	
03578 03579		XA109 XA331	25 50			XA331 50				16B	9		DSAC6ER DSAC6ER	01 02	DSACAA DSAC6ER	01 00	7 1	TS8 EOR	B1 D4		12B 23A	COMP S.A. LINE 6	
03580 03581		XA110 XA331	46 37			XA331 37				16B	9		DSAD0A DSAD0A	01 02	DSAD0A DSAC0ER	00 01	1 1	THI EOR	D4 C2		22B 18B	SECTOR ADD LINE 0	
03582 03583		XA331 XA110	40 43			XA110 43				16B	9		DSAD1A DSAD1A	01 02	DSAC1ER DSAD1A	01 00	1 1	EOR THI	C3 D5		19A 24B	SECTOR ADD LINE 1	
03584 03585		XA110 XA331	53 34			XA331 34				16B	9		DSAD2A DSAD2A	01 02	DSAD2A DSAC2ER	00 01	1 1	THI EOR	D6 C4		26B 16A	S.A. LINE 2	
03586 03587		XA331 XA110	43 66			XA110 66				16B	9		DSAD3A DSAD3A	01 02	DSAC3ER DSAD3A	01 00	1 1	EOR THI	D1 E1		23B 32A	S.A. LINE 3	
03588 03589		XA110 XA331	63 49			XA331 49				16B	9		DSAD4A DSAD4A	01 02	DSAD4A DSAC4ER	00 01	1 1	THI EOR	E2 D2		30A 26B	S.A. LINE 4	
03590 03591		XA331 XA110	54 60			XA110 60				16B	9		DSAD5A DSAD5A	01 02	DSAC5ER DSAD5A	01 00	1 1	EOR THI	D3 E3		25A 28A	S.A. LINE 5	
03592 03593		XA110 XA331	56 48			XA331 48				16B	9		DSAD6A DSAD6A	01 02	DSAD6A DSAC6ER	00 01	1 1	THI EOR	E4 D4		28B 22A	S.A. LINE 6	

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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	REL TO	PREFIX	CONNECTOR	PIN	DR PG	MULTI GROUP	CODE	COLOR												IDENT
03594 03595		XA345 XA251	25 10			XA251 10				168	9		DSASADG DSASADG	01 02			DCF EXT						
10142 03597 03598 03596		XA142 XA344 XA345 XA251	66 08 27 09			XA344 XA345 XA251				168	9		DSASADX4 DSASADX4 DSASADX4 DSASADX4	01 02 03 04			RR4 G2 RR4 A1 DCF B1 EXT					D02 D02 D02 D02	
02998 03599 03600		XA108 XA207 XA345	66 79 29			XA207 XA345				168	9		DSASAOX DSASAOX DSASAOX	005 01 02	DTSE4A DSACAN DSASAOX	01 2 01 1 00 1	TD4 E1 TDD 1N DCF B2			31A 39B 11B		D07	
03603 03604 07041		XA328 XA110 XA102	76 59 48			XA110 XA102				168	9		DSATCA DSATCA DSATCA	01 02 03	DSATCA DSATCA DRSC2A	00 1 01 1 01 3	TD4 F1 THI F5 TS8 D1			37A 31B 22A	SECTOR 90		
03606 03608 03609 03610		XA110 XA212 XA218 XA223	57 48 55 23			XA212 XA218 XA223				168	9		DSATCO DSATCO DSATCO DSATCO	01 03 04 05	DSATCO DRL S0A DREN1A DRA12A	00 1 01 3 01 1 01 1	THI E5 TT3 D2 TS8 E1 TQ2 B4			30B 22A 29B 11B	. BIT 32		
03612 03280 06940		XA109 XA110 XA308	35 06 79			XA110 XA308				168	9		DSAOXA DSAOXA DSAOXA	01 02 03	DSAOXA DSAOX0 DRMR7A	00 1 01 1 01 4	TS8 C1 THI A2 TD4 F1			17B 05A 39B	SECTOR ADRS 0 + 1	B05	
04903 03270		XA106 XA110	04 08			XA110				168	9		DSAOX0 DSAOX0	01 02	DSAO0A DSAOX0	01 1 00 1	TQ2 A2 THI A2			04A 04A		B09	
03452 03613		XA106 XA110	01 65			XA110				168	9		DSAO0A DSAO0A	01 02	DSAO0A DSAO00	00 1 01 1	TQ2 A2 THI E6			02B 33B			
03615 03616		XA251 XA345	26 42			XA345				168	9		DSAO0DG DSAO0DG	01 02			EXT DCF						
03619 03617 03618 10138		XA251 XA345 XA344 XA142	25 37 10 62			XA345 XA344 XA142				168	9		DSAO0DX4 DSAO0DX4 DSAO0DX4 DSAO0DX4	00 01 02 03			EXT DCF B3 RR4 A2 RR4 F1					D02 D02 D02 D02	
04941 03620 03621 03323		XA333 XA219 XA110 XA106	36 57 68 23			XA219 XA110 XA106				168	9		DSAO00 DSAO00 DSAO00 DSAO00	005 01 02 03	DRL S2A DRSC3A DSAO00 DRSC5A	01 2 01 1 00 1 01 1	TQ2 C2 TT3 E3 THI E6 TQ2 B4			17A 30B 32B 11B	SECTOR 0		B09 B09
03622 03623		XA345 XA110	35 41			XA110				168	9		DSAO00X DSAO00X	01 02	DSAO00X DSAD0A	00 1 01 1	DCF B4 THI D4			14B 23B	SECTOR ADD. LSB		
03624		XA251	30			XA345				168	9		DSAO1DG	01			EXT						
**** SIGNAL (DSAO1DG) IS ON THE NEXT PAGE ****																							

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	PREFIX	CONNECTOR	PIN	WIRE NO	PREFIX	CONNECTOR	PIN	WIRE NO	MULTI GROUP	CODE	COLOR	IDENT												
03625		XA345	39										DSA01DG	02					DCF					
03628		XA251	29		XA345	41				16B	9		DSA01DX4	00					EXT					D02
03626		XA345	41		XA344	05				16B	9		DSA01DX4	01	DSA01DX400	1		DCF	B5		16A	SECTOR ADD LSB		
03627		XA344	05		XA142	56				16B	9		DSA01DX4	02				RR4	A3				D02	
10133		XA142	56										DSA01DX4	03				RR4	F2				D02	
03629		XA110	45		XA345	40				16B	9		DSA010X	01	DSAD1A	01	1	THI	D5		25B			
03630		XA345	40										DSA010X	02	DSA010X	00	1	DCF	B6		15A			
03631		XA345	21		XA251	34				16B	9		DSA02DG	01				DCF						
03632		XA251	34										DSA02DG	02				EXT						
10132		XA142	55		XA344	07				16B	9		DSA02DX4	01				RR4	F3				D02	
03634		XA344	07		XA345	23				16B	9		DSA02DX4	02				RR4	A4					
03635		XA345	23		XA251	33				16B	9		DSA02DX4	03	DSA02DX400	1		DCF	B7		10A		D02	
03633		XA251	33										DSA02DX4	04				EXT					D02	
03636		XA345	30		XA110	51				16B	9		DSA020X	01	DSA020X	00	1	DCF	B8		11A			
03637		XA110	51										DSA020X	02	DSAD2A	01	1	THI	D6		27B			
03638		XA251	36		XA345	45				16B	9		DSA03DG	01				EXT						
03639		XA345	45										DSA03DG	02				DCF			27A			
03642		XA251	35		XA345	46				16B	9		DSA03DX4	00				EXT					D02	
03640		XA345	46		XA344	09				16B	9		DSA03DX4	01	DSA03DX400	1		DCF	C1		25B			
03641		XA344	09		XA142	53				16B	9		DSA03DX4	02				RR4	A5				D02	
10130		XA142	53										DSA03DX4	03				RR4	F4				D02	
03643		XA110	64		XA345	47				16B	9		DSA030X	01	DSAD3A	01	1	THI	F1		33A			
03644		XA345	47										DSA030X	02	DSA030X	00	1	DCF	C2		26B			
03645		XA345	58		XA251	38				16B	9		DSA04DG	01				DCF						
03646		XA251	38										DSA04DG	02				EXT						
10128		XA142	51		XA344	20				16B	9		DSA04DX4	01				RR4	F5				D02	
03648		XA344	20		XA345	55				16B	9		DSA04DX4	02				RR4	B1					
03649		XA345	55		XA251	37				16B	9		DSA04DX4	03	DSA04DX400	1		DCF	C3		30B		D02	
03647		XA251	37										DSA04DX4	04				EXT					D02	
03650		XA345	56		XA110	61				16B	9		DSA040X	01	DSA040X	00	1	DCF	C4		29B			
03651		XA110	61										DSA040X	02	DSAD4A	01	1	THI	F2		31A			
03652		XA251	40		XA345	53				16B	9		DSA05DG	01				EXT						
03653		XA345	53										DSA05DG	02				DCF						
03656		XA251	39		XA345	60				16B	9		DSA05DX4	00				EXT					D02	
03654		XA345	60		XA344	26				16B	9		DSA05DX4	01	DSA05DX400	1		DCF	C5		31B			
03655		XA344	26		XA142	52				16B	9		DSA05DX4	02				RR4	B2				D02	
10129		XA142	52										DSA05DX4	03				RR4	F1				D02	

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	PREFIX	CONNECTOR	PIN	PREFIX	CONNECTOR	PIN	WIRE NO	MULTI GROUP	CODE	COLOR	IDENT									AND	OR		
03657		XA110	62		XA345	57			16B	9		DSAO50X	01	DSAD5A	01	1	THI	E3		29A			
03658		XA345	57									DSAO50X	02	DSAO50X	00	1	DCF	C6		31A			
03659		XA345	44		XA251	42			16B	9		DSAO6DG	01				DCF						
03660		XA251	42									DSAO6DG	02				EXT						
10125		XA142	48		XA344	24			16B	9		DSAO6DX4	01				RR4	E2				002	
03662		XA344	24		XA345	43			16B	9		DSAO6DX4	02				RR4	B3					
03663		XA345	43		XA251	41			16B	9		DSAO6DX4	03	DSAO6DX4	00	1	DCF	C7		25A		002	
03661		XA251	41									DSAO6DX4	04				EXT					002	
03664		XA345	48		XA110	55			16B	9		DSAO60X	01	DSAO60X	00	1	DCF	C8		26A			
03665		XA110	55									DSAO60X	02	DSAD6A	01	1	THI	E4		29B			
03666		XA224	75		XA106	40			16B	9		DSCCLAA	01	DSCCLAA	00	1	TQ2	F1		37B	SECTOR CLK NOT		
03667		XA106	40		XA112	30			16B	9		DSCCLAA	02	DSCCLAO	01	1	TQ2	C1		19A		C01	
07949		XA112	30									DSCCLAA	03	DSELAO	01	2	TT3	C2		15A		C01	
03668		XA251	08		XA345	67			16B	9		DSCCLADG	01				EXT						
03669		XA345	67									DSCCLADG	02				DCF						
03672		XA251	07		XA345	65			16B	9		DSCCLADX4	00				EXT					002	
03670		XA345	65		XA344	17			16B	9		DSCCLADX4	01	DSCCLADX4	00	1	DCF	D1		32B	SECTOR CLOCK		
03671		XA344	17		XA142	71			16B	9		DSCCLADX4	02				RR4	B4				002	
10146		XA142	71									DSCCLADX4	03				RR4	HS				002	
03673		XA224	77		XA345	69			16B	9		DSCCLAOX	01	DSCCLAA	01	1	TQ2	F1		38B			
03674		XA345	69									DSCCLAOX	02	DSCCLAOX	00	1	DCF	D2		33B			
03675		XA207	56		XA209	26			16B	9		DSCCLKO	00C	DRENAN	01	1	TDD	GN		26A			
03676		XA209	26		XA106	38			16B	9		DSCCLKO	005	DRENAN	01	1	TDD	CN		14A			
03678		XA106	38		XA219	79			16B	9		DSCCLKO	01	DSCCLKO	00	1	TQ2	C1		18A	SECTOR + INDEX CL		
03681		XA219	79		XA219	59			16B	9		DSCCLKO	04	DRTCA	01	3	TT3	F1		39B		809	
04139		XA219	59									DSCCLKO	05	DRSC3A	01	2	TT3	E3		31B		809	
11232		XA309	72		XA111	33			16B	9		DSELA	01	DSELRN	01	1	TDD	MV		34A		C01	
03227		XA111	33									DSELA	02	DSELA	00	1	TQ2	C3		16B	TRACK COUNTER MSB	C01	
04922		XA111	29		XA112	31			16B	9		DSELAO	01	DSELA	01	1	TQ2	C3		14B		C01	
07950		XA112	31									DSELAO	02	DSELAO	00	1	TT3	C2		15B		C01	
02878		XA337	23		XA309	74			16B	9		DSELRQ	01	DRAS00	01	1	THI	B2		12A		C01	
11234		XA309	74		XA244	08			16B	9		DSELRQ	02	DSELRQ	00	1	TDD	MQ		35B		C01	
02879		XA244	08		XA111	48			16B	9		DSELRQ	03	DRAS00X	01	1	DCF	A6		06A		C01	
04923		XA111	48									DSELRQ	04	DRAS1A	01	1	TQ2	D2		22A		C01	
03687		XA328	18		XA207	11			16B	9		DSEFULP	01	DBFC5A	01	2	TD4	B2		10A			
03689		XA207	11		XA108	04			16B	9		DSEFULP	03	DSEFULP	00	1	TDD	AP		05B			
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	PREFIX	CONNECTOR	PIN	PREFIX	CONNECTOR	PIN	WIRE NO	MULTI GROUP	CODE	COLOR												
03718		XA207	10		XA106	52			16B	9		DSRFCA	01	DSFULN	01	1	T00	AN		07A		
03719		XA106	52									DSRFCA	02	DSRFCA	00	1	T02	D1		24A		
03721		XA111	73		XA108	57			16B	9		DSRLCA	01	DSRCKO	01	2	T02	E2		36B		
04161		XA108	57		XA211	07			16B	9		DSRLCA	02	DSRLCA	00	1	TD4	E2		30B	WRITE -MEM COMPLEC11	
04702		XA211	07									DSRLCA	04	DSFURO	01	2	T02	A3		03A		
03723		XA330	03		XA342	55			16B	9		DSRM0TA	01	DSR000E	01	1	TS4	A1		03B		
03724		XA342	55									DSRM0TA	02	DSRM0TA	00	1	MUX	D1		27B	BIT 0 BUFF REG +	
03725		XA342	61		XA330	01			16B	9		DSRM0TB	01	DSRM0TB	00	1	MUX	D2		31B	BIT 1	
03726		XA330	01									DSRM0TB	02	DSR001E	01	1	TS4	A2		02B		
03727		XA330	04		XA342	60			16B	9		DSRM0TC	01	DSR002E	01	1	TS4	A3		02A		
03728		XA342	60									DSRM0TC	02	DSRM0TC	00	1	MUX	D3		28A	BIT 2 BUFF + SHIF	
03729		XA342	63		XA330	06			16B	9		DSRM0TD	01	DSRM0TD	00	1	MUX	D4		31A		
03730		XA330	06									DSRM0TD	02	DSR003E	01	1	TS4	A4		03A		
03731		XA329	03		XA342	73			16B	9		DSRM1TA	01	DSR010E	01	1	TS4	A1		03B		
03732		XA342	73									DSRM1TA	02	DSRM1TA	00	1	MUX	E1		34B	BIT 4 BUFF REG +	
03733		XA342	79		XA329	01			16B	9		DSRM1TB	01	DSRM1TB	00	1	MUX	E2		37B		
03734		XA329	01									DSRM1TB	02	DSR011E	01	1	TS4	A2		02B		
03735		XA329	04		XA342	74			16B	9		DSRM1TC	01	DSR012E	01	1	TS4	A3		02A		
03736		XA342	74									DSRM1TC	02	DSRM1TC	00	1	MUX	E3		36A		
03737		XA342	80		XA329	06			16B	9		DSRM1TD	01	DSRM1TD	00	1	MUX	E4		38B		
03738		XA329	06									DSRM1TD	02	DSR013E	01	1	TS4	A4		03A		
03739		XA330	17		XA341	55			16B	9		DSRM2TA	01	DSR020E	01	1	TS4	B1		09B		
03740		XA341	55									DSRM2TA	02	DSRM2TA	00	1	MUX	D1		27B	BIT 8 BUFF + SHIF	
03741		XA341	61		XA330	15			16B	9		DSRM2TB	01	DSRM2TB	00	1	MUX	D2		31B		
03742		XA330	15									DSRM2TB	02	DSR021E	01	1	TS4	B2		08B		
03743		XA330	18		XA341	60			16B	9		DSRM2TC	01	DSR022E	01	1	TS4	B3		09A		
03744		XA341	60									DSRM2TC	02	DSRM2TC	00	1	MUX	D3		28A		
03745		XA341	63		XA330	20			16B	9		DSRM2TD	01	DSRM2TD	00	1	MUX	D4		31A		
03746		XA330	20									DSRM2TD	02	DSR023E	01	1	TS4	B4		10A		
03747		XA329	17		XA341	73			16B	9		DSRM3TA	01	DSR030E	01	1	TS4	B1		09B		
03748		XA341	73									DSRM3TA	02	DSRM3TA	00	1	MUX	E1		34B	BIT 12 BUFF REG +	
03749		XA341	79		XA329	15			16B	9		DSRM3TB	01	DSRM3TB	00	1	MUX	E2		37B		
03750		XA329	15									DSRM3TB	02	DSR031E	01	1	TS4	B2		08B		

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	PREFIX	CONNECTOR	PIN	PREFIX	CONNECTOR	PIN	SIZE	MULTI GROUP	CODE	COLOR												
03751		XA329	18		XA341	74			16B	9		DSRM3TC	01	DSR032E	01	1	TS4	B3		09A		
03752		XA341	74									DSRM3TC	02	DSRM3TC	00	1	MUX	E3		36A		
03753		XA341	80		XA329	20			16B	9		DSRM3TD	01	DSRM3TD	00	1	MUX	F4		38B		
03754		XA329	20									DSRM3TD	02	DSR033E	01	1	TS4	B4		10A		
03755		XA330	31		XA340	55			16B	9		DSRM4TA	01	DSR040E	01	1	TS4	C1		15B		
03756		XA340	55									DSRM4TA	02	DSRM4TA	00	1	MUX	D1		27B	BIT 16 BUFF + SH	
03757		XA340	61		XA330	29			16B	9		DSRM4TB	01	DSRM4TB	00	1	MUX	D2		31B		
03758		XA330	29									DSRM4TB	02	DSR041E	01	1	TS4	C2		14B		
03759		XA330	30		XA340	60			16B	9		DSRM4TC	01	DSR042E	01	1	TS4	C3		15A		
03760		XA340	60									DSRM4TC	02	DSRM4TC	00	1	MUX	D3		28A		
03761		XA340	63		XA330	34			16B	9		DSRM4TD	01	DSRM4TD	00	1	MUX	D4		31A		
03762		XA330	34									DSRM4TD	02	DSR043E	01	1	TS4	C4		16A		
03763		XA329	31		XA340	73			16B	9		DSRM5TA	01	DSR050E	01	1	TS4	C1		15B		
03764		XA340	73									DSRM5TA	02	DSRM5TA	00	1	MUX	E1		34B	BIT 20 BUFF + SH	
03765		XA340	79		XA329	29			16B	9		DSRM5TB	01	DSRM5TB	00	1	MUX	E2		37B		
03766		XA329	29									DSRM5TB	02	DSR051E	01	1	TS4	C2		14B		
03767		XA329	30		XA340	74			16B	9		DSRM5TC	01	DSR052E	01	1	TS4	C3		15A		
03768		XA340	74									DSRM5TC	02	DSRM5TC	00	1	MUX	E3		36A		
03769		XA340	80		XA329	34			16B	9		DSRM5TD	01	DSRM5TD	00	1	MUX	F4		38B		
03770		XA329	34									DSRM5TD	02	DSR053E	01	1	TS4	C4		16A		
03771		XA330	43		XA339	55			16B	9		DSRM6TA	01	DSR060E	01	1	TS4	D1		23B		
03772		XA339	55									DSRM6TA	02	DSRM6TA	00	1	MUX	D1		27B	BIT 24 BUFF + SH	
03773		XA339	61		XA330	41			16B	9		DSRM6TB	01	DSRM6TB	00	1	MUX	D2		31B		
03774		XA330	41									DSRM6TB	02	DSR061E	01	1	TS4	D2		22B		
03775		XA330	46		XA339	60			16B	9		DSRM6TC	01	DSR062E	01	1	TS4	D3		21A		
03776		XA339	60									DSRM6TC	02	DSRM6TC	00	1	MUX	D3		28A		
03777		XA339	63		XA330	48			16B	9		DSRM6TD	01	DSRM6TD	00	1	MUX	D4		31A		
03778		XA330	48									DSRM6TD	02	DSR063E	01	1	TS4	D4		22A		
03779		XA329	43		XA339	73			16B	9		DSRM7TA	01	DSR070E	01	1	TS4	D1		23B		
03780		XA339	73									DSRM7TA	02	DSRM7TA	00	1	MUX	E1		34B	BIT 32 BUFF + SH	
03781		XA339	79		XA329	41			16B	9		DSRM7TB	01	DSRM7TB	00	1	MUX	E2		37B		
03782		XA329	41									DSRM7TB	02	DSR071E	01	1	TS4	D2		22B		
									****		SIGNAL	(DSRM7TC)		IS ON THE						NEXT PAGE	****	

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	PREFIX	CONNECTOR	PIN	SH. ID	PREFIX	CONNECTOR	PIN	SH. ID	MULTI GROUP	CODE	COLOR	IDENT											
03858 03859		XA330 XA332	38 57		XA332	57				16B	9		DSR043E DSR043E	03 04	DSR043E DCD19ER	00 01	1 2	TS4 EOR	C4 E4		18A 28A	BIT 19 AND CLOCK	
03860 03861 03862		XA332 XA329 XA319	69 35 53		XA329 XA319	35 53				16B	9		DSR050E DSR050E DSR050E	01 02 03	DCD20ER DSR050E DBIS5TA	01 00 01	2 1 2	EOR TS4 MUX	F1 C1 D1		34B 17B 26B	BIT 20 AND SHIFT	
03863 03864 03865		XA332 XA329 XA319	75 39 59		XA329 XA319	39 59				16B	9		DSR051E DSR051E DSR051E	01 02 03	DCD21ER DSR051E DBIS5TB	01 00 01	2 1 2	EOR TS4 MUX	F2 C2 D2		37B 19B 30B	BIT 21 AND SHIFT	
03866 03867 03868		XA332 XA329 XA319	76 42 56		XA329 XA319	42 56				16B	9		DSR052E DSR052E DSR052E	01 02 03	DCD22ER DSR052E DBIS5TC	01 00 01	2 1 2	EOR TS4 MUX	F3 C3 D3		37A 20A 28B	BIT 22 AND LOAD C	
03869 03870 03871 03872		XA329 XA330 XA332 XA319	38 45 70 64		XA330 XA332 XA319	45 70 64				16B	9		DSR053E DSR053E DSR053E DSR053E	01 02 03 04	DSR053E DSR060E DCD23ER DBIS5TD	00 01 01 01	1 2 2 2	TS4 TS4 EOR MUX	C4 D1 E4 D4		18A 24B 34A 30A	BIT 23 AND CLOCK	
03873 03874 03875		XA320 XA330 XA331	53 47 01		XA330 XA331	47 01				16B	9		DSR060E DSR060E DSR060E	01 02 03	DBIS6TA DSR060E DCD24ER	01 00 01	2 1 2	MUX TS4 EOR	D1 D1 A1		26B 25B 02B	BIT 24 AND SHIFT	
03876 03877 03878		XA331 XA330 XA320	07 51 59		XA330 XA320	51 59				16B	9		DSR061E DSR061E DSR061E	01 02 03	DCD25ER DSR061E DBIS6TB	01 00 01	2 1 2	EOR TS4 MUX	A2 D2 D2		05B 27B 30B	BIT 25 AND SHIFT	
03879 03880 03881		XA320 XA330 XA331	56 56 10		XA330 XA331	56 10				16B	9		DSR062E DSR062E DSR062E	01 02 03	DBIS6TC DSR062E DCD26ER	01 00 01	2 1 2	MUX TS4 EOR	D3 D3 A3		28B 26A 05A	BIT 26 AND LOAD C	
03882 03883 03884 03885		XA331 XA330 XA329 XA320	04 52 45 64		XA330 XA329 XA320	52 45 64				16B	9		DSR063E DSR063E DSR063E DSR063E	01 02 03 04	DCD27ER DSR063E DSR070E DBIS6TD	01 00 01 01	2 1 2 2	EOR TS4 TS4 MUX	A4 D4 D1 D4		02A 24A 24B 30A	BIT 27 AND CLOCK	
03886 03887 03888		XA331 XA329 XA320	15 47 71		XA329 XA320	47 71				16B	9		DSR070E DSR070E DSR070E	01 02 03	DCD28ER DSR070E DBIS7TA	01 00 01	2 1 2	EOR TS4 MUX	B1 D1 E1		08B 25B 33B	BIT 28 AND SHIFT	
03889 03890 03891		XA331 XA329 XA320	21 51 77		XA329 XA320	51 77				16B	9		DSR071E DSR071E DSR071E	01 02 03	DCD29ER DSR071E DBIS7TB	01 00 01	2 1 2	EOR TS4 MUX	B2 D2 E2		11B 27B 36B	BIT 29 AND SHIFT	
03892 03893 03894		XA331 XA329 XA320	24 56 72		XA329 XA320	56 72				16B	9		DSR072E DSR072E DSR072E	01 02 03	DCD30ER DSR072E DBIS7TC	01 00 01	2 1 2	EOR TS4 MUX	B3 D3 E3		12A 28A 35A	BIT 30 AND LOAD C	
07646		XA331	53		XA331	18				16B	9		DSR073E	005	DWPAPER	01	2	EOR	E1		28B		805
										****	SIGNAL		(DSR073E)		IS ON THE						****		

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	PREFIX	CONNECTOR	PIN	WIRE	PREFIX	CONNECTOR	PIN	WIRE	MULTI GROUP	CODE	COLOR	IDENT											
03895		XA331	18		XA329	52				16B	9		DSR073E	01	DCD31ER	01	2	EOR	B4		09A		
03896		XA329	52		XA320	78				16B	9		DSR073E	02	DSR073E	00	1	TS4	D4		24A		
03897		XA320	78		XA106	61				16B	9		DSR073E	03	DBIS7TD	01	2	MUX	E4		38A		
03898		XA106	61										DSR073E	04	DWDO2A	01	2	TQ2	E4		32B		
03688		XA212	71		XA219	74				16B	9		DSR1CO	01	DSR0CA	01	2	TT3	F2		36A		
03900		XA219	74										DSR1CO	02	DSR1CO	00	1	TT3	F2		35B		TIMES TO SET SR F
03901		XA219	65		XA211	21				16B	9		DSR11A	01	DSR1CO	01	1	TT3	F2		34B		
02473		XA211	21										DSR11A	02	DSR11A	00	1	TQ2	B3		10B		
03904		XA219	71		XA105	07				16B	9		DSR12A	01	DSR1CO	01	2	TT3	F2		36A		
03905		XA105	07										DSR12A	02	DSR12A	00	1	TT3	A2		03A		BUF FULL . BIT 33
10859		XA214	63		XA104	51				16B	9		DSR13A	01	DSR13A	00	1	TT3	E3		33B		
03907		XA104	51		XA219	72				16B	9		DSR13A	02	DSR130	01	1	THI	D6		27B		
03908		XA219	72										DSR13A	03	DSR1CO	01	3	TT3	F2		34A		
03910		XA104	53		XA339	49				16B	9		DSR130	01	DSR130	00	1	THI	D6		26B		
01025		XA339	49		XA339	66				16B	9		DSR130	02	DSRM4TA	01	4	MUX	D1		24B		SET SELECT CYCLIC
01032		XA339	66		XA340	66				16B	9		DSR130	03	DSRM7TA	01	4	MUX	E1		32B		
01031		XA340	66		XA340	49				16B	9		DSR130	04	DSRM5TA	01	4	MUX	E1		32B		
01026		XA340	49		XA341	49				16B	9		DSR130	05	DSRM4TA	01	4	MUX	D1		24B		
01027		XA341	49		XA341	66				16B	9		DSR130	06	DSRM2TA	01	4	MUX	D1		24B		
01030		XA341	66		XA342	66				16B	9		DSR130	07	DSRM3TA	01	4	MUX	E1		32B		
01029		XA342	66		XA342	49				16B	9		DSR130	08	DSRM1TA	01	4	MUX	E1		32B		
01028		XA342	49										DSR130	09	DSRMO TA	01	4	MUX	D1		24B		
03911		XA306	50		XA305	36				16B	9		DSTATA	01	DOVERP	01	1	TDD	HP		23A		
03912		XA305	36		XA110	77				16B	9		DSTATA	02	DXIOPP	01	1	TDD	EP		17A		
03913		XA110	77		XA209	06				16B	9		DSTATA	03	DSTATA	00	1	THI	F6		38A		CLEAR STATUS REG
03914		XA209	06		XA208	04				16B	9		DSTATA	04	DMPEOP	01	1	TDD	AP		05A		
03915		XA208	04		XA207	50				16B	9		DSTATA	05	DRC1LP	01	1	TDD	BP		04A		
03916		XA207	50		XA229	64				16B	9		DSTATA	06	DRSNRP	01	1	TDD	HP		23A		
03918		XA229	64		XA333	42				16B	9		DSTATA	08	DRA1LP	01	1	TDD	KP		30A		
04940		XA333	42										DSTATA	09	DRPRO	01	2	TQ2	C1		20A		
03919		XA106	46		XA110	75				16B	9		DSTATO	01	DSTATO	00	1	TQ2	D2		21A		
03920		XA110	75		XA337	52				16B	9		DSTATO	02	DSTATA	01	1	THI	F6		39A		
01022		XA337	52										DSTATO	03	DCYRTA	01	1	THI	D1		26A		
07497		XA328	72		XA312	79				16B	9		DSTOPA	005	DICCL0	01	2	TD4	E2		34A		
07468		XA312	79		XA109	05				16B	9		DSTOPA	006	DXXCIO	01	4	TD4	F1		39B		
03921		XA109	05		XA106	45				16B	9		DSTOPA	01	DRRE10	01	3	TS8	A1		03B		
03922		XA106	45										DSTOPA	02	DSTOPA	00	1	TQ2	D3		24B		
12035		XA208	74		XA211	26				16B	9		DST1MQ	01	DST1MQ	00	1	TDD	M0		35B		WRITE PARITY
04181		XA211	26		XA109	49				16B	9		DST1MQ	02	DMRE1A	01	2	TQ2	B1		14A		
06929		XA109	49										DST1MQ	03	DMRE2A	01	4	TS8	D1		26B		
													****	SIGNAL	IDST5MA			IS ON THE	NEXT PAGE	****			

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	PREFIX	CONNECTOR	PIN	STR ID	PREFIX	CONNECTOR	PIN	STR ID	MULTI GROUP	CODE	COLOR	IDENT								AND	OR		
03937		XA243	15										DTA020X	02	DTA020X	00	1	DCF	A4		06B		
03938		XA350	20		XA243	16				16B	9		DTA03DG	01				EXT					
03939		XA243	16										DTA03DG	02				DCF					
03940		XA243	14		XA350	19				16B	9		DTA03DX	01	DTA03DX	00	1	DCF	A5		08B		
03941		XA350	19										DTA03DX	02				EXT					
02896		XA317	17		XA243	10				16B	9		DTA030X	01	DXDC61X	01	8	MUX	A1		08B		
03943		XA243	10										DTA030X	02	DTA030X	00	1	DCF	A6		07A		
03944		XA350	22		XA243	02				16B	9		DTA04DG	01				EXT					
03945		XA243	02										DTA04DG	02				DCF				01A	
03946		XA243	01		XA350	21				16B	9		DTA04DX	01	DTA04DX	00	1	DCF	A7		02A	TRACK ADD 4TH LSB	
03947		XA350	21										DTA04DX	02				EXT					
02886		XA316	50		XA243	03				16B	9		DTA040X	01	DXDC51X	01	8	MUX	C1		24A		
03949		XA243	03										DTA040X	02	DTA040X	00	1	DCF	A8		03A		
03950		XA350	24		XA243	25				16B	9		DTA05DG	01				EXT					
03951		XA243	25										DTA05DG	02				DCF					
03952		XA243	27		XA350	23				16B	9		DTA05DX	01	DTA05DX	00	1	DCF	B1		10B		
03953		XA350	23										DTA05DX	02				EXT					
02938		XA316	33		XA243	29				16B	9		DTA050X	01	DXDC41X	01	8	MUX	B1		16A		
03955		XA243	29										DTA050X	02	DTA050X	00	1	DCF	B2		11B		
03956		XA350	26		XA243	39				16B	9		DTA06DG	01				EXT					A01
03963		XA243	39										DTA06DG	02				DCF					A01
03958		XA243	37		XA350	25				16B	9		DTA06DX	01	DTA06DX	00	1	DCF	B3		15B		
03959		XA350	25										DTA06DX	02				EXT					
02930		XA316	17		XA243	35				16B	9		DTA060X	01	DXDC31X	01	8	MUX	A1		08B		
03961		XA243	35										DTA060X	02	DTA060X	00	1	DCF	B4		14B		
03962		XA350	30		XA243	42				16B	9		DTA07DG	01				EXT					A01
03957		XA243	42										DTA07DG	02				DCF			20B		A01
03964		XA243	41		XA350	29				16B	9		DTA07DX	01	DTA07DX	00	1	DCF	B5		16A		
03965		XA350	29										DTA07DX	02				EXT					
02922		XA315	50		XA243	40				16B	9		DTA070X	01	DXDC21X	01	8	MUX	C1		24A		
03967		XA243	40										DTA070X	02	DTA070X	00	1	DCF	B6		15A		
03968		XA350	34		XA243	21				16B	9		DTA08DG	01				EXT					
03969		XA243	21										DTA08DG	02				DCF					
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	PREFIX	CONNECTOR	PIN	WIRE NO	PREFIX	CONNECTOR	PIN	WIRE NO	MULTI GROUP	CODE	COLOR	IDENT													
58446		XA321	23										P	DXA7CDX	53	DTA7CB	01	1	DCF	B7		10A	PORT A DATA LINE		
52551		XA447	76		XA445	60				16B	9			DTBCMB	50				SHT					806	
58474		XA445	60		XA322	60				16B	9		P	TXBCMDX	52	DTBCMB	02	1	DCF	C5		31B	PORT B CMD DRVR		
58447		XA322	60										P	DXBCMDX	53	DTBCMB	01	1	DCF	C5		31B			
52548		XA447	73		XA445	43				16B	9			DTBENB	50				SHT					806	
58475		XA445	43		XA322	43				16B	9		P	TXBENDX	52	DTBENB	02	1	DCF	C7		25A	PORT B ENBI DRVR		
58448		XA322	43										P	DXBENDX	53	DTBENB	01	1	DCF	C7		25A	PORT B ENABLE DRV		
52552		XA447	77		XA445	55				16B	9			DTBINB	50				SHT					806	
58476		XA445	55		XA322	55				16B	9		P	TXBNDX	52	DTBINB	02	1	DCF	C3		30B	PORT B IND DRVR		
58449		XA322	55										P	DXBNDX	53	DTBINB	01	1	DCF	C3		30B	PORT B IND DRV		
52518		XA447	40		XA445	46				16B	9			DTBPCB	50				SHT					806	
58477		XA445	46		XA322	46				16B	9		P	TXBPCDX	52	DTBPCB	02	1	DCF	C1		25B	PORT B DATA LINE		
58450		XA322	46										P	DXBPCDX	53	DTBPCB	01	1	DCF	C1		25B	PORT B DATA LINE		
03986		XA103	24		XA105	20				16B	9			DTBUS0	01	DTSH0A	01	1	TQ2	B1		13A			
03987		XA105	20		XA208	50				16B	9			DTBUS0	02	DTBUS0	00	1	TT3	B1		11A	BUSY - RTSP + CON		
03988		XA208	50		XA207	64				16B	9			DTBUS0	03	DTS20P	01	1	TDD	HP		23A			
03989		XA207	64		XA209	73				16B	9			DTBUS0	04	DTS10P	01	1	TDD	KP		30A			
03990		XA209	73		XA214	72				16B	9			DTBUS0	05	DTS00P	01	1	TDD	MP		36B		C03	
10867		XA214	72											DTBUS0	06	DRIGEA	01	3	TT3	F2		34A		C03	
52519		XA447	41		XA445	07				16B	9			DTB0CB	50				SHT						806
58478		XA445	07		XA322	07				16B	9		P	TXB0CDX	52	DTB0CB	02	1	DCF	A1		02B	PORT B DATA LINE		
58451		XA322	07										P	DXB0CDX	53	DTB0CB	01	1	DCF	A1		02B	PORT B DATA LINE		
52523		XA447	46		XA445	17				16B	9			DTB1CB	50				SHT						806
58479		XA445	17		XA322	17				16B	9		P	TXB1CDX	52	DTB1CB	02	1	DCF	A3		07B	PORT B DATA LINE		
58452		XA322	17										P	DXB1CDX	53	DTB1CB	01	1	DCF	A3		07B	PORT B DATA LINE		
52524		XA447	47		XA445	14				16B	9			DTB2CB	50				SHT						806
58480		XA445	14		XA322	14				16B	9		P	TXB2CDX	52	DTB2CB	02	1	DCF	A5		08B	PORT B DATA LINE		
58453		XA322	14										P	DXB2CDX	53	DTB2CB	01	1	DCF	A5		08B	PORT B DATA LINE		
52527		XA447	50		XA445	01				16B	9			DTB3CB	50				SHT						806
58481		XA445	01		XA322	01				16B	9		P	TXB3CDX	52	DTB3CB	02	1	DCF	A7		02A	PORT B DATA LINE	A01	
58454		XA322	01										P	DXB3CDX	53	DTB3CB	01	1	DCF	A7		02A	PORT B DATA LINE		
52528		XA447	51		XA445	27				16B	9			DTB4CB	50				SHT						806
58482		XA445	27		XA322	27				16B	9		P	TXB4CDX	52	DTB4CB	02	1	DCF	B1		10B	PORT B DATA LINE		
58455		XA322	27										P	DXB4CDX	53	DTB4CB	01	1	DCF	B1		10B	PORT B DATA LINE		
52531		XA447	54		XA445	37				16B	9			DTB5CB	50				SHT						806
58483		XA445	37		XA322	37				16B	9		P	TXB5CDX	52	DTB5CB	02	1	DCF	B3		15B	PORT B DATA LINE		
58456		XA322	37										P	DXB5CDX	53	DTB5CB	01	1	DCF	B3		15B	PORT B DATA LINE		
52534		XA447	57		XA445	41				16B	9			DTB6CB	50				SHT						806
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	PREFIX	CONNECTOR	PIN	SH PG	PREFIX	CONNECTOR	PIN	SH PG	MULTI GROUP	CODE	COLOR	IDENT												SPEC INST MISC
58484		XA445	41			XA322	41			16B	9		P	TXB6CDX	52	DTB6CB	02	1	DCF	B5		16A	PORT B DATA LINE	
58457		XA322	41										P	DXB6CDX	53	DTB6CB	01	1	DCE	B5		16A	PORT B DATA LINE	
52536		XA447	60			XA445	23			16B	9			DTB7CB	50				SHT					B06
58485		XA445	23			XA322	23			16B	9		P	TXB7CDX	52	DTB7CB	02	1	DCF	B7		10A	PORT B DATA LINE	C02
58486		XA322	23										P	DXB7CDX	53	DTB7CB	01	1	DCE	B7		10A		
03991		XA104	13			XA207	04			16B	9			DTCCLA	01	DTCCLA	00	1	THI	A1		06A		
03992		XA207	04			XA210	64			16B	9			DTCCLA	02	DTCCMP	01	1	TDD	BP		04A		
03994		XA210	64											DTCCLA	04	DTCWEP	01	1	TDD	KP		30A		
11761		XA328	69			XA104	11			16B	9			DTCCLO	01	DTCCLO	00	1	TD4	F2		35A		
03996		XA104	11											DTCCLO	02	DTCCLA	01	1	THI	A1		07A		
03997		XA328	36			XA207	09			16B	9			DTCCMP	01	DBUSY0	01	4	TD4	C2		17A		
03998		XA207	09			XA105	26			16B	9			DTCCMP	02	DTCCMP	00	1	TDD	BP		04B		
03999		XA105	26											DTCCMP	03	DTBUS0	01	3	TT3	B1		14A		
04001		XA105	38			XA106	68			16B	9			DTCCMQ	02	DWEN1A	01	1	TT3	C1		18A		
04002		XA106	68			XA108	75			16B	9			DTCCMQ	03	DTCC5A	01	1	TQ2	F1		32A		
04003		XA108	75			XA207	07			16B	9			DTCCMQ	04	DWEN2A	01	1	TD4	F1		37B		
04004		XA207	07			XA208	42			16B	9			DTCCMQ	05	DTCCMQ	00	1	TDD	BQ		03A	COMMAND CHAINING	
03680		XA208	42			XA212	37			16B	9			DTCCMQ	06	DWRZON	01	1	TDD	EN		20A		
04005		XA212	37			XA223	40			16B	9			DTCCMQ	07	DREC6A	01	3	TT3	C3		18B		
03488		XA223	40			XA319	29			16B	9			DTCCMQ	08	DRED4A	01	1	TQ2	C1		19A		
01901		XA319	29			XA312	55			16B	9			DTCCMQ	09	DXDD41X	01	5	MUX	B1		13B		
07490		XA312	55			XA311	57			16B	9			DTCCMQ	10	DRCL6A	01	1	TD4	E2		29B		
04243		XA311	57			XA308	72			16B	9			DTCCMQ	11	DMAC2A	01	1	TT3	E3		30B		
07392		XA308	72											DTCCMQ	12	DROP1A	01	2	TD4	F2		34A		
02433		XA215	52			XA108	45			16B	9			DTCCSA	01	DTCCS0	01	1	THI	D1		26A		
04009		XA108	45											DTCCSA	02	DTCCSA	00	1	TD4	D2		24B	SET COMMAND CHAIN	
01916		XA207	05			XA215	54			16B	9			DTCCS0	01	DTCCMI	01	1	TDD	BT		03B		
02430		XA215	54											DTCCS0	02	DTCCS0	00	1	THI	D1		25A		
04010		XA106	66			XA209	70			16B	9			DTCC5A	01	DTCC5A	00	1	TQ2	E1		31A	CMD CHAIN . ST 5	
03499		XA209	70											DTCC5A	02	DROPCN	01	1	TDD	JN		33A		
03246		XA104	22			XA219	36			16B	9			DTCF1A	01	DTCF10	01	1	THI	B1		14A		
11644		XA219	36											DTCF1A	02	DTCF1A	00	1	TT3	C1		17A		
03245		XA104	24			XA210	62			16B	9			DTCF10	01	DTCF10	00	1	THI	B1		13A		
03032		XA210	62											DTCF10	02	DTCWFI	01	1	TDD	KT		29A		
04012		XA209	10			XA311	55			16B	9			DTCK4A	01	DMPE0N	01	1	TDD	AN		07A		
04236		XA311	55											DTCK4A	02	DTCK4A	00	1	TT3	E2		29B	READ ST5 MEM.	
04014		XA104	08			XA210	71			16B	9			DTCL8A	01	DTCL8A	00	1	THI	A2		04A		
04015		XA210	71											DTCL8A	02	DTCL8I	01	1	TDD	MT		36A		

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149017-800
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	PREFIX	CONNECTOR	PIN	SHT	PREFIX	CONNECTOR	PIN	SHT	MULTI GROUP	CODE	COLOR	IDENT											SPEC INET MISC
04016		XA208	46		XA207	60				168	9		DTCL8P	01	DTS20N	01	1	TDD	HN		21A		
04017		XA207	60		XA207	70				168	9		DTCL8P	02	DTS10N	01	1	TDD	KN		26A		
04018		XA207	70		XA209	72				168	9		DTCL8P	03	DTCSTN	01	1	TDD	JN		33A		
04019		XA209	72		XA210	69				168	9		DTCL8P	04	DTS00N	01	1	TDD	MN		34A		
04020		XA210	69		XA309	60				168	9		DTCL8P	05	DTCL8P	00	1	TDD	MP		35A	C07	
11221		XA309	60										DTCL8P	06	DTCW5N	01	1	TDD	KN		28A	C07	
04021		XA104	06		XA210	74				168	9		DTCL8Q	01	DTCL8A	00	1	THI	A2		05A		
04022		XA210	74		XA333	55				168	9		DTCL8Q	02	DTCL8Q	00	1	TDD	MQ		35B	8 MHZ CLK - MAIN	
04136		XA333	55										DTCL8Q	03	DMCP1A	01	2	TQ2	E3		29B		
04023		XA207	59		XA210	73				168	9		DTCSTP	01	DTCSTP	00	1	TDD	JP		31B		
04024		XA210	73										DTCSTP	02	DTCL8P	01	1	TDD	MP		36B		
04025		XA109	55		XA207	61				168	9		DTCSTQ	01	DTSH3A	00	1	TS8	E1		29B		
04026		XA207	61										DTCSTQ	02	DTCS7Q	00	1	TDD	J0		32B	STOP CLK CONTROL	
04027		XA103	06		XA106	50				168	9		DTCWFA	01	DTCWFA	00	1	TQ2	A1		05A	DEV INIT. DMA	
04029		XA106	50		XA210	53				168	9		DTCWFA	03	DSTATO	01	2	TQ2	D2		23A		
04030		XA210	53		XA219	34				168	9		DTCWFA	04	DTCWEQ	01	1	TDD	KQ		28B		
02405		XA219	34		XA334	79				168	9		DTCWFA	05	DMCLLO	01	3	TT3	C2		16A		
02285		XA334	79										DTCWFA	06	DMATDN	01	1	TDD	LN		39B		
04033		XA236	26		XA215	51				168	9		DTCWFP	01	DD25A2X	01	2	MUX	B2		13A		
04034		XA215	51		XA215	75				168	9		DTCWFP	02	DTCW20	01	1	THI	D6		27B		
04035		XA215	75		XA213	65				168	9		DTCWFP	03	DTCW30	01	1	THI	F6		39A		
04036		XA213	65		XA210	57				168	9		DTCWFP	04	DTCW10	01	1	THI	E6		33B		
04037		XA210	57		XA204	50				168	9		DTCWFP	05	DTCWFP	00	1	TDD	KP		30B		
04038		XA204	50		XA205	63				168	9		DTCWFP	06	DRTA11U	01	5	DBC	C1		24A		
04039		XA205	63		XA206	80				168	9		DTCWFP	07	DRTA01U	01	5	DBC	D1		31A		
02856		XA206	80		XA214	47				168	9		DTCWFP	08	DRTA21U	01	5	DBC	E1		38B	B07	
10844		XA214	47		XA214	65				168	9		DTCWFP	09	DRDNCA	01	2	TT3	D3		25B	C02	
10861		XA214	65		XA112	21				168	9		DTCWFP	10	DRIGE A	01	1	TT3	F2		34B	B10	
07941		XA112	21										DTCWFP	11	DDAT10	01	1	TT3	B3		10B	B10	
04041		XA337	79		XA337	22				168	9		DTCWEQ	01	DMALCA	01	1	THI	F1		39B		
04042		XA337	22		XA319	11				168	9		DTCWFQ	02	DRACLA	01	1	THI	B1		14A		
01880		XA319	11		XA236	27				168	9		DTCWFQ	025	DXDD31X	01	5	MUX	A1		06B		
04043		XA236	27		XA215	65				168	9		DTCWFQ	03	DD25A2X	01	1	MUX	B2		14A	BIT 25	
04044		XA215	65		XA213	59				168	9		DTCWFQ	04	DTCW3A	01	1	THI	F6		33B		
04045		XA213	59		XA213	55				168	9		DTCWFQ	05	DTCW2A	01	1	THI	E5		31B		
04046		XA213	55		XA309	64				168	9		DTCWFQ	06	DTCW1A	01	1	THI	F4		29B	C07	
11225		XA309	64		XA210	55				168	9		DTCWFQ	065	DTCW5P	01	1	TDD	KP		30A	C07	
04047		XA210	55		XA211	24				168	9		DTCWFQ	07	DTCW5Q	00	1	TDD	KQ		29B	CONTROL WORD ACCE	
04048		XA211	24		XA103	20				168	9		DTCWFQ	08	DMRE1A	01	1	TQ2	B1		13A		
04050		XA103	20										DTCWFQ	10	DTSH1A	01	2	TQ2	B2		11A		
03685		XA106	30		XA207	01				168	9		DTCWKA	01	DTCWKA	00	1	TQ2	C2		15A		
													****	SIGNAL	DTCWKA								IS ON THE NEXT PAGE ****

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149017-800 STRING
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	PREFIX	CONNECTOR	PIN	PREFIX	CONNECTOR	PIN	SIZE	MULTI GROUP	CODE	COLOR											
04052		XA207	01		XA210	60			16B	9		DTCWKA	02	DTCCMN	01	1	TDD	BN	02B		
04053		XA210	60									DTCWKA	03	DTCCMN	01	1	TDD	KN	28A		
04055		XA213	56		XA238	10			16B	9		DTCW1A	01	DTCW1A	00	1	THI	F4	28B	OVERLOAD	DTCWEQ
04056		XA238	10		XA239	10			16B	9		DTCW1A	02	DD12A2X	01	2	MUX	A2	05A		
04057		XA239	10		XA240	10			16B	9		DTCW1A	03	DD06A2X	01	2	MUX	A2	05A		
04058		XA240	10		XA240	26			16B	9		DTCW1A	04	DD00A2X	01	2	MUX	A2	05A		
04059		XA240	26		XA238	26			16B	9		DTCW1A	05	DD01A2X	01	2	MUX	B2	13A		
04060		XA238	26		XA239	26			16B	9		DTCW1A	06	DD13A2X	01	2	MUX	B2	13A		
04061		XA239	26		XA239	42			16B	9		DTCW1A	07	DD07A2X	01	2	MUX	B2	13A		
04062		XA239	42		XA240	42			16B	9		DTCW1A	08	DD08A2X	01	2	MUX	C2	20A		
04063		XA240	42		XA342	10			16B	9		DTCW1A	09	DD02A2X	01	2	MUX	C2	20A		
04064		XA342	10		XA343	10			16B	9		DTCW1A	10	DD09A2X	01	2	MUX	A2	05A		
04065		XA343	10		XA343	26			16B	9		DTCW1A	11	DD03A2X	01	2	MUX	A2	05A		
04066		XA343	26		XA342	26			16B	9		DTCW1A	12	DD04A2X	01	2	MUX	B2	13A		
04067		XA342	26		XA342	42			16B	9		DTCW1A	13	DD10A2X	01	2	MUX	B2	13A		
04068		XA342	42		XA343	42			16B	9		DTCW1A	14	DD11A2X	01	2	MUX	C2	20A		
04069		XA343	42									DTCW1A	15	DD05A2X	01	2	MUX	C2	20A		
04070		XA343	46		XA342	46			16B	9		DTCW10	01	DD05A2X	01	1	MUX	C2	21A	BIT 05	
04071		XA342	46		XA342	27			16B	9		DTCW10	02	DD11A2X	01	1	MUX	C2	21A	BIT 11	
04072		XA342	27		XA343	27			16B	9		DTCW10	03	DD10A2X	01	1	MUX	B2	14A	BIT 10	
04073		XA343	27		XA343	14			16B	9		DTCW10	04	DD04A2X	01	1	MUX	B2	14A	BIT 04	
04074		XA343	14		XA342	14			16B	9		DTCW10	05	DD03A2X	01	1	MUX	A2	06A	BIT 03	
04075		XA342	14		XA240	14			16B	9		DTCW10	06	DD09A2X	01	1	MUX	A2	06A	BIT 09	
04076		XA240	14		XA239	14			16B	9		DTCW10	07	DD00A2X	01	1	MUX	A2	06A	BIT 00	
04077		XA239	14		XA238	14			16B	9		DTCW10	08	DD06A2X	01	1	MUX	A2	06A	BIT 06	
04078		XA238	14		XA238	27			16B	9		DTCW10	09	DD12A2X	01	1	MUX	A2	06A	BIT 12	
04079		XA238	27		XA239	27			16B	9		DTCW10	10	DD13A2X	01	1	MUX	B2	14A	BIT 13	
04080		XA239	27		XA240	27			16B	9		DTCW10	11	DD07A2X	01	1	MUX	B2	14A	BIT 07	
04081		XA240	27		XA240	46			16B	9		DTCW10	12	DD01A2X	01	1	MUX	B2	14A	BIT 01	
04082		XA240	46		XA239	46			16B	9		DTCW10	13	DD02A2X	01	1	MUX	C2	21A	BIT 02	
04083		XA239	46		XA213	68			16B	9		DTCW10	14	DD08A2X	01	1	MUX	C2	21A	BIT 08	
04084		XA213	68									DTCW10	15	DTCW10	00	1	THI	F6	32B	OVERLOAD	DTCWEP
04085		XA341	42		XA340	42			16B	9		DTCW2A	01	DD17A2X	01	2	MUX	C2	20A		
04086		XA340	42		XA340	26			16B	9		DTCW2A	02	DD23A2X	01	2	MUX	C2	20A		
04087		XA340	26		XA341	26			16B	9		DTCW2A	03	DD22A2X	01	2	MUX	B2	13A		
04088		XA341	26		XA341	10			16B	9		DTCW2A	04	DD16A2X	01	2	MUX	B2	13A		
04089		XA341	10		XA340	10			16B	9		DTCW2A	05	DD15A2X	01	2	MUX	A2	05A		
04090		XA340	10		XA339	10			16B	9		DTCW2A	06	DD21A2X	01	2	MUX	A2	05A		
04091		XA339	10		XA238	42			16B	9		DTCW2A	07	DD27A2X	01	2	MUX	A2	05A		
04092		XA238	42		XA237	42			16B	9		DTCW2A	08	DD14A2X	01	2	MUX	C2	20A		
04093		XA237	42		XA236	42			16B	9		DTCW2A	09	DD20A2X	01	2	MUX	C2	20A		
04094		XA236	42		XA237	26			16B	9		DTCW2A	10	DD26A2X	01	2	MUX	C2	20A		
04095		XA237	26		XA237	10			16B	9		DTCW2A	11	DD19A2X	01	2	MUX	B2	13A		
04096		XA237	10		XA236	10			16B	9		DTCW2A	12	DD18A2X	01	2	MUX	A2	05A		
04097		XA236	10		XA213	57			16B	9		DTCW2A	13	DD24A2X	01	2	MUX	A2	05A		
04098		XA213	57									DTCW2A	14	DTCW2A	00	1	THI	E5	30B		
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RECORD NUMBER	PREFIX	CONNECTOR	PIN	SH FG	PREFIX	CONNECTOR	PIN	SH FG	MULTI GROUP	CODE	COLOR	IDENT	EPC INS IN USE	SIGNAL	SEQ NO	EQUATION	TERM	FAC T	CKT OR CHIP TYPE	GROUP	LOAD OR POWER PLANE	TEST POINTS		SIGNAL DESCRIPTION	ECO NO
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04099		XA341	46			XA340	46			16B	9			DTCW20	01	DD17A2X	01	1	MUX	C2		21A	BIT 17		
04100		XA340	46			XA340	27			16B	9			DTCW20	02	DD23A2X	01	1	MUX	C2		21A	BIT 23		
04101		XA340	27			XA341	27			16B	9			DTCW20	03	DD22A2X	01	1	MUX	B2		14A	BIT 22		
04102		XA341	27			XA341	14			16B	9			DTCW20	04	DD16A2X	01	1	MUX	B2		14A	BIT 16		
04103		XA341	14			XA340	14			16B	9			DTCW20	05	DD15A2X	01	1	MUX	A2		06A	BIT 15		
04104		XA340	14			XA339	14			16B	9			DTCW20	06	DD21A2X	01	1	MUX	A2		06A	BIT 21		
04105		XA339	14			XA238	46			16B	9			DTCW20	07	DD27A2X	01	1	MUX	A2		06A	BIT 27		
04106		XA238	46			XA237	46			16B	9			DTCW20	08	DD14A2X	01	1	MUX	C2		21A	BIT 14		
04107		XA237	46			XA236	46			16B	9			DTCW20	09	DD20A2X	01	1	MUX	C2		21A	BIT 20		
04108		XA236	46			XA237	27			16B	9			DTCW20	10	DD26A2X	01	1	MUX	C2		21A	BIT 26		
04109		XA237	27			XA236	14			16B	9			DTCW20	11	DD19A2X	01	1	MUX	B2		14A	BIT 19		
04110		XA236	14			XA237	14			16B	9			DTCW20	12	DD24A2X	01	1	MUX	A2		06A	BIT 24		
04111		XA237	14			XA215	53			16B	9			DTCW20	13	DD18A2X	01	1	MUX	A2		06A	BIT 18		
04112		XA215	53											DTCW20	14	DTCW20	00	1	THI	D6		26B			
07958		XA112	40			XA112	56			16B	9			DTCW3A	00	DLTKR0	01	2	TT3	C1		19A		D05	
07973		XA112	56			XA212	76			16B	9			DTCW3A	01	DMSV2A	01	3	TT3	D1		26A		C10	
02335		XA212	76			XA215	68			16B	9			DTCW3A	015	DTSH2A	01	2	TT3	F3		37A		B09	
04114		XA215	68			XA224	49			16B	9			DTCW3A	02	DTCW3A	00	1	THI	E6		32B			
04115		XA224	49			XA328	34			16B	9			DTCW3A	03	DRRES9A	01	2	TQ2	D4		26B			
04116		XA328	34			XA339	42			16B	9			DTCW3A	04	DBUSY0	01	3	TD4	C2		16A			
04117		XA339	42			XA339	26			16B	9			DTCW3A	05	DD29A2X	01	2	MUX	C2		20A			
04118		XA339	26			XA235	26			16B	9			DTCW3A	06	DD28A2X	01	2	MUX	B2		13A			
04119		XA235	26			XA235	10			16B	9			DTCW3A	07	DD31A2X	01	2	MUX	B2		13A			
04120		XA235	10			XA224	11			16B	9			DTCW3A	08	DD30A2X	01	2	MUX	A2		05A			
02445		XA224	11			XA223	70			16B	9			DTCW3A	09	DMS2P30	01	1	TQ2	A4		05B			
00922		XA223	70											DTCW3A	10	DMFCKA	01	2	TQ2	E1		33A		C07	
03515		XA219	24			XA212	75			16B	9			DTCW30	AC	DTSC4A	01	2	TT3	B1		13A		C07	
03381		XA212	75			XA112	06			16B	9			DTCW30	AO	DWEN4A	01	1	TT3	F1		37B		B10	
07928		XA112	06			XA103	05			16B	9			DTCW30	00	DRSC6A	01	1	TT3	A1		05A		B10	
04121		XA103	05			XA108	46			16B	9			DTCW30	01	DTCW4A	01	2	TQ2	A2		03B			
04122		XA108	46			XA212	05			16B	9			DTCW30	02	DTCCSA	01	2	TD4	D2		21A			
04049		XA212	05			XA215	77			16B	9			DTCW30	025	DMRE4A	01	3	TT3	A2		03B			
04123		XA215	77			XA223	71			16B	9			DTCW30	03	DTCW30	00	1	THI	F6		38A			
04032		XA223	71			XA224	53			16B	9			DTCW30	035	DMCLKA	01	1	TQ2	E2		36A			
04124		XA224	53			XA235	27			16B	9			DTCW30	04	DRSC1A	01	1	TQ2	E3		28B			
04125		XA235	27			XA235	14			16B	9			DTCW30	05	DD31A2X	01	1	MUX	B2		14A	BIT 31		
04126		XA235	14			XA339	27			16B	9			DTCW30	06	DD30A2X	01	1	MUX	A2		06A	BIT 30		
04127		XA339	27			XA339	46			16B	9			DTCW30	07	DD28A2X	01	1	MUX	B2		14A	BIT 28		
04128		XA339	46			XA333	41			16B	9			DTCW30	08	DD29A2X	01	1	MUX	C2		21A	BIT 29		
04129		XA333	41											DTCW30	09	DMAC1A	01	1	TQ2	D3		22B		B05	
04131		XA229	60			XA208	01			16B	9			DTCW4A	01	DRA1LN	01	1	TDD	KN		28A			
04132		XA208	01			XA103	01			16B	9			DTCW4A	02	DRCILN	01	1	TDD	BN		02B			
04133		XA103	01											DTCW4A	03	DTCN4A	00	1	TQ2	A2		02B	ST 4 - CONT WORD		
04113		XA105	24			XA309	57			16B	9			DTCW5P	01	DTBUS0	01	2	TT3	B1		13A		C07	
11219		XA309	57											DTCW5P	02	DTCW5P	00	1	TDD	KP		30B		C07	
										****	SIGNAL	DTNC8A				IS ON THE			NEXT PAGE	****					

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	PREFIX	CONNECTOR	PIN	WIRE	PREFIX	CONNECTOR	PIN	WIRE	MULTI-GROUP	CODE	COLOR	IDENT											
04140		XA207	40			XA104	18			168	9		DTNC8A	07	DTNC8I	01	1	TDD	EI		19A		
04141		XA104	18										DTNC8A	08	DTNC8A	00	1	THY	B3		09A		
11208		XA309	46			XA309	79			168	9		DTNC8P	005	DBEUDN	01	1	TDD	HN		21A	C10	
11239		XA309	79			XA207	35			168	9		DTNC8P	01	DMSTQN	01	1	TDD	LN		39B	C08	
04145		XA207	35										DTNC8P	02	DTNC8P	00	1	TDD	EP		17B	C08	
04146		XA104	20			XA207	37			168	9		DTNC8Q	01	DTNC8A	01	1	THY	B3		10A		
04147		XA207	37			XA333	65			168	9		DTNC8Q	02	DTNC8Q	00	1	TDD	EQ		18B		
04148		XA333	65			XA333	77			168	9		DTNC8Q	03	DBFC1A	01	1	TQ2	F3		34B		
04134		XA333	77			XA230	42			168	9		DTNC8Q	04	DMFC1A	01	1	TQ2	F1		38B		
04142		XA230	42			XA230	37			168	9		DTNC8Q	05	DDCK0A	01	2	TQ2	C1		20A		
04138		XA230	37			XA230	36			168	9		DTNC8Q	06	DDCK3A	01	2	TQ2	C4		18B		
04143		XA230	36			XA230	31			168	9		DTNC8Q	07	DDCK1A	01	2	TQ2	C2		17A		
04144		XA230	31			XA230	07			168	9		DTNC8Q	08	DDCK2A	01	2	TQ2	C3		15B		
04137		XA230	07										DTNC8Q	09	DDCK4A	01	2	TQ2	A3		03A		
00923		XA219	20			XA112	29			168	9		DTSC4A	01	DTSC4A	00	1	TT3	B1		11A		
07948		XA112	29										DTSC4A	02	DSELA0	01	1	TT3	C2		14B	BC07 C07	
04149		XA109	60			XA103	09			168	9		DTSE1A	01	DTSH3A	01	2	TS8	E1		28A		
04150		XA103	09										DTSE1A	02	DTSE1A	00	1	TQ2	A3		04B	(ST 1 + ST 3) ME	
04151		XA102	23			XA109	61			168	9		DTSE2A	01	DTSE2A	00	1	TS8	B1		11B	RISE STATE CTR-WRI	
04152		XA109	61										DTSE2A	02	DTSH3A	01	3	TS8	E1		32B		
07521		XA314	13			XA109	13			168	9		DTSE3A	00C	DTSZE0	01	2	TQ2	A4		06B		
06863		XA109	13			XA109	62			168	9		DTSE3A	005	DRRE10	01	8	TS8	A1		06B		
04153		XA109	62			XA103	15			168	9		DTSE3A	01	DTSH3A	01	4	TS8	E1		29A		
04154		XA103	15										DTSE3A	02	DTSE3A	00	1	TQ2	A4		07B	STL. ICT. END DISC	
04155		XA108	59			XA109	64			168	9		DTSE4A	01	DTSE4A	00	1	TD4	E1		31B	WRITE + WRITE MAI	
04156		XA109	64										DTSE4A	02	DTSH3A	01	5	TS8	E1		30A		
06892		XA109	70			XA328	59			168	9		DTSE5A	01	DTSH3A	01	8	TS8	E1		33A		
03247		XA328	59										DTSE5A	02	DTSE5A	00	1	TD4	E1		31B	RESET BIT COUNTER	
11703		XA224	72			XA328	68			168	9		DTSE6A	01	DTSE6A	00	1	TQ2	F2		34A		
01800		XA328	68										DTSE6A	02	DTSE5A	01	3	TD4	E1		32A		
04189		XA106	55			XA333	39			168	9		DTSE7A	01	DTSTB0	01	2	TQ2	E3		29B		
00921		XA333	39										DTSE7A	02	DTSE7A	00	1	TQ2	C4		19B	HOLD CLK IF WRITE	
03192		XA108	30			XA103	22			168	9		DTSH0A	01	DTSTP0	01	1	TD4	C2		15A		
04158		XA103	22										DTSH0A	02	DTSH0A	00	1	TQ2	B1		12A		
04159		XA103	14			XA108	31			168	9		DTSH1A	01	DTSH1A	00	1	TQ2	B2		09A	STOP CLK CONTROL	
03290		XA108	31			XA218	14			168	9		DTSH1A	02	DTSTP0	01	2	TD4	C2		15B		
04031		XA218	14										DTSH1A	03	DMRES0	01	1	TS8	B1		09A		
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	PREFIX	CONNECTOR	PIN	SH 12	PREFIX	CONNECTOR	PIN	SH 12	MULTI GROUP	CODE	COLOR	IDENT											
02274 03571	XA212 XA108	80 34			XA108	34				16B	9			DTSH2A DTSH2A	01 02	DTSH2A DTSH2A	00 01	1 3	TT3 TD4	F3 C2	39A 16A	READ XFER BUFFER	
06855 04164	XA108 XA109	36 59			XA109	59				16B	9			DTSH3A DTSH3A	01 02	DTSTP0 DTSH3A	01 00	4 1	TD4 TS8	C2 E1	17A 31B	HOLD CLOCK STOP	
11549 07101	XA102 XA208	76 39			XA208	39				16B	9			DTSH4A DTSH4A	01 02	DTSH4A DWR20Q	00 01	1 1	TS8 TDD	F1 EQ	37A 19B		
04165 04166	XA106 XA103	57 03			XA103	03				16B	9			DTST80 DTST80	01 02	DTST80 DTSE1A	00 01	1 1	TQ2 TQ2	E3 A3	30B 02A	ST1 + ST 3	
04167 03567	XA207 XA108	66 33			XA108	33				16B	9			DTSTP0 DTSTP0	01 02	DTCSTP DTSTP0	01 00	1 1	TDD TD4	JP C2	31A 16B		
06851 04169 04170 04171	XA109 XA103 XA104 XA208	68 21 17 60			XA103 XA104 XA208	21 17 60				16B	9			DTST0A DTST0A DTST0A DTST0A	005 01 02 03	DTSH3A DTST0A DTST0A DRRENN	01 00 01 01	7 1 1 1	TS8 TQ2 TH1 TDD	F1 B3 B4 KN	32A 10B 09B 28A	STATE 0	B09
04173 04174	XA103 XA104	26 14			XA104	14				16B	9			DTST00 DTST00	02 03	DTSH0A DTST00	01 00	2 1	TQ2 TH1	B1 B4	14A 08B		B05
04175 04176 04177	XA106 XA104 XA103	53 21 27			XA104 XA103	21 27				16B	9			DTST1A DTST1A DTST1A	01 02 03	DTST80 DTST10 DTST1A	01 01 00	1 1 1	TQ2 TH1 TQ2	E3 B5 B4	28B 11B 13B	STATE 1	
04178 04180 02952	XA103 XA104 XA208	11 19 72			XA104 XA208	19 72				16B	9			DTST10 DTST10 DTST10	01 03 05	DTSE3A DTST10 DST1MN	01 00 01	1 1 1	TQ2 TH1 TDD	A4 B5 MN	05B 10B 34A	WZ.END DISC.)	E01 B05
04188 04183 04184	XA219 XA104 XA103	29 27 38			XA104 XA103	27 38				16B	9			DTST2A DTST2A DTST2A	005 01 02	DMCL10 DTST20 DTST2A	01 01 00	1 1 1	TT3 TH1 TQ2	C2 B6 C1	14B 13B 18A	IF ST 2 + ST 4 STATE 2	
03371 04185 04186 03106 04182	XA212 XA103 XA104 XA311 XA333	77 18 26 59 43			XA103 XA104 XA311 XA333	18 26 59 43				16B	9			DTST20 DTST20 DTST20 DTST20 DTST20	00 01 02 03 04	DWEN4A DTSH1A DTST20 DMAC2A DMAC1A	01 01 00 01 01	2 1 1 2 2	TT3 TQ2 TH1 TT3 TQ2	F1 B2 B6 E3 D3	38B 10A 12B 31B 23B		B10
04190 04191	XA104 XA103	38 30			XA103	30				16B	9			DTST3A DTST3A	03 04	DTST30 DTST3A	01 00	1 1	TH1 TQ2	C1 C2	20A 15A	STATE 3	
07930 04192 03156 04194 02984	XA112 XA104 XA212 XA224 XA333	08 40 69 55 35			XA104 XA212 XA224 XA333	40 69 55 35				16B	9			DTST30 DTST30 DTST30 DTST30 DTST30	01 02 025 03 04	DRSC6A DTST30 DTSH2A DRSC1A DTSETA	01 00 01 01 01	2 1 1 2 1	TT3 TH1 TT3 TQ2 TQ2	A1 C1 F3 E3 C4	06A 19A 35A 29B 17B		B10
											****	SIGNAL	DTST4A					IS ON THE NEXT PAGE	****				

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	PREFIX	CONNECTOR	PIN	SH TO	PREFIX	CONNECTOR	PIN	SH TO	MULTI GROUP	CODE	COLOR	IDENT										
04195		XA103	33		XA104	35				168	9		DTST4A	01	DTST4A	00	1	TQ2	C3	16B	STATE 4	
04196		XA104	35		XA219	30				168	9		DTST4A	02	DTST4A	01	1	THI	C2	18A		
04220		XA219	30										DTST4A	03	DMCLLO	01	2	TT3	C2	15A		
02966		XA328	61		XA219	22				168	9		DTST40	01	DTSE5A	01	1	TD4	E1	32B	+ ERROR + OP COMP	C07
04335		XA219	22		XA212	35				168	9		DTST40	015	DTSC6A	01	1	TI3	B1	12A		C07
04198		XA212	35		XA108	61				168	9		DTST40	02	DREC6A	01	2	TT3	C3	17B		B05
04200		XA108	61		XA104	37				168	9		DTST40	04	DTSE4A	01	1	TD4	E1	32B		
04202		XA104	37		XA102	14				168	9		DTST40	06	DTST40	00	1	THI	C2	17A		B09
00588		XA102	14		XA302	78				168	9		DTST40	08	DTSE2A	01	1	TS8	B1	09A	DATA SECTOR END	
07428		XA302	78										DTST40	09	DMCK6A	01	2	TQ2	F4	38A		
04204		XA103	39		XA104	36				168	9		DTST5A	01	DTST5A	00	1	TQ2	C4	19B	STATE 5	
04205		XA104	36										DTST5A	02	DTST50	01	1	THI	C3	16A		
07491		XA312	61		XA308	71				168	9		DTST50	02	DROPCA	01	1	TD4	E1	32B		
07461		XA308	71		XA108	10				168	9		DTST50	03	DROP1A	01	1	TD4	F2	36A		
03536		XA108	10		XA106	34				168	9		DTST50	04	DRRE2A	01	3	TD4	A1	07A		
04919		XA106	34		XA104	34				168	9		DTST50	05	DTCWKA	01	1	TQ2	C2	16A		
04207		XA104	34		XA106	70				168	9		DTST50	06	DTST50	00	1	THI	C3	15A		B07
04209		XA106	70		XA103	04				168	9		DTST50	07	DTCC5A	01	2	TQ2	E1	33A		B09
04203		XA103	04										DTST50	08	DTCW4A	01	1	TQ2	A2	04A		B09
03684		XA110	71		XA208	38				168	9		DTSZEA	01	DTSZEA	00	1	THI	F2	36B	REST SR FULL	
03226		XA208	38										DTSZEA	02	DWRZOP	01	1	TDD	EP	18A		
03686		XA110	73		XA314	15				168	9		DTSZEO	01	DTSZEA	01	1	THI	F2	37B		
02516		XA314	15										DTSZEO	02	DTSZEO	00	1	TQ2	A4	07B	REST MEM SYNC FF	
04210		XA209	69		XA103	29				168	9		DTSOOP	01	DTSOOP	00	1	TDD	MP	35A		
04211		XA103	29		XA103	17				168	9		DTSOOP	02	DTST4A	01	1	TQ2	C3	14B		
04212		XA103	17										DTSOOP	03	DTST0A	01	1	TQ2	B3	08B		
04213		XA103	23		XA103	36				168	9		DTSOQQ	01	DTST1A	01	1	TQ2	B4	11B		
04214		XA103	36		XA207	62				168	9		DTSOQQ	02	DTST3A	01	2	TQ2	C2	17A		
04215		XA207	62		XA209	74				168	9		DTSOQQ	03	DTST0T	01	1	TDD	KI	29A		
04216		XA209	74										DTSOQQ	04	DTSOQQ	00	1	TDD	MQ	35B	LSB STATE COUNTER	
04217		XA103	25		XA103	37				168	9		DTS10P	01	DTST1A	01	2	TQ2	B4	12B		
04218		XA103	37		XA207	57				168	9		DTS10P	02	DTST5A	01	2	TQ2	C4	18B		
04219		XA207	57		XA214	03				168	9		DTS10P	03	DTS10P	00	1	TDD	KP	30B		B02
10805		XA214	03										DTS10P	04	DST5MA	01	2	TT3	A2	02A		B05
04221		XA208	48		XA207	55				168	9		DTS10Q	02	DTST0T	01	1	TDD	HI	22A		
04222		XA207	55		XA103	40				168	9		DTS10Q	03	DTST10Q	00	1	TDD	KQ	29B	STATE COUNTER - 2	
04223		XA103	40		XA103	31				168	9		DTS10Q	04	DTST2A	01	1	TQ2	C1	19A		
04224		XA103	31										DTS10Q	05	DTST4A	01	2	TQ2	C3	15B		
04225		XA209	71		XA208	45				168	9		DTS20P	01	DTS00I	01	1	TDD	MI	36A		
04226		XA208	45		XA103	42				168	9		DTS20P	02	DTST20P	00	1	TDD	HP	24B		
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	PREFIX	CONNECTOR	PIN	SH PC	PREFIX	CONNECTOR	PIN	SH PC	MULTI GROUP	CODE	COLOR	IDENT											
04227		XA103	42		XA103	19				16B	9		DTS20P	03	DTST2A	01 2	TQ2	C1		20A			
04228		XA103	19										DTS20P	04	DTST0A	01 2	TQ2	B3		09B			
04229		XA103	35		XA103	34				16B	9		DTS20Q	01	DTST5A	01 1	TQ2	C4		17B			
04230		XA103	34		XA208	43				16B	9		DTS20Q	02	DTST3A	01 1	TQ2	C2		16A			
04231		XA208	43		XA214	01				16B	9		DTS20Q	03	DTS20Q	00 1	TDD	HQ		23B	STATE COUNTER-MSR05		
10804		XA214	01										DTS20Q	04	DST5MA	01 1	TT3	A2		02B		B05	
04232		XA105	27		XA103	13				16B	9		DTS310	01	DTS310	00 1	TT3	B3		13B			
04233		XA103	13										DTS310	02	DTSE3A	01 2	TQ2	A4		06B			
04234		XA103	52		XA105	21				16B	9		DTS32A	01	DTS32A	00 1	TQ2	D1		24A	CYCLE TEST. DISC		
04235		XA105	21										DTS32A	02	DTS310	01 1	TT3	B3		10B			
04238		XA103	46		XA105	25				16B	9		DTS34A	01	DTS34A	00 1	TQ2	D2		21A	WRITE ZEROS. RAS		
04239		XA105	25										DTS34A	02	DTS310	01 3	TT3	B3		12B		B09	
04168		XA102	11		XA106	36				16B	9		DTICM0	01	DTICM0	00 1	TS8	A1		05B			
03004		XA106	36		XA312	66				16B	9		DTICM0	02	DTCWKA	01 2	TQ2	C2		17A			
07314		XA312	66										DTICM0	03	DROPCA	01 2	TD4	E1		31A			
04242		XA103	45		XA102	01				16B	9		DTIC2A	01	DTIC2A	00 1	TQ2	D3		24B	BL IS ZERO. IREAD		
04157		XA102	01										DTIC2A	02	DTICM0	01 1	TS8	A1		02B			
04244		XA103	60		XA103	57				16B	9	P	DT162A	01	DT160B	02 1	TQ2	E2		28A			
04245		XA103	57		XA305	10				16B	9	P	DT163A	02	DT160B	03 1	TQ2	E3		30B		D01	
04257		XA305	10		XA306	10				16B	9		DT160B	14	DXXC4N	01 1	TDD	AN		07A			
04258		XA306	10		XA306	14				16B	9		DT160B	15	DXXA1N	01 1	TDD	AN		07A			
04259		XA306	14		XA307	14				16B	9		DT160B	16	DXXC3N	01 1	TDD	DN		09A			
04260		XA307	14		XA307	10				16B	9		DT160B	17	DXXC2N	01 1	TDD	DN		09A			
04261		XA307	10		XA307	26				16B	9		DT160B	18	DXXA0N	01 1	TDD	AN		07A			
04262		XA307	26		XA306	26				16B	9		DT160B	19	DXXC0N	01 1	TDD	CN		14A			
04263		XA306	26		XA306	60				16B	9		DT160B	20	DXXC1N	01 1	TDD	CN		14A			
04264		XA306	60		XA305	60				16B	9		DT160B	21	DXXR0N	01 1	TDD	KN		28A			
04265		XA305	60		XA307	79				16B	9		DT160B	22	DXXR1N	01 1	TDD	KN		28A			
58544		XA307	79		XA325	55				16B	9		DT160B	225	DXXR2N	01 1	TDD	LN		39B		C14	
11502		XA325	55		XA325	56				16B	9		DT160B	24				RR4	F3				C14
11503		XA325	56										DT160B	25				RR4	F2				C14
04267		XA103	66									J	DT161A	01	DT161A	00 1	TQ2	E1		31A	DT160B BUSS		
04246		XA103	63		XA103	66				16B	9	P	DT164A	01	DT161B	04 1	TQ2	E4		33B			D01
04247		XA103	66		XA210	10				16B	9	P	DT161A	02	DT161B	01 1	TQ2	E1		31A			D01
04248		XA210	10		XA209	14				16B	9		DT161B	03	DMCL8N	01 1	TDD	AN		07A			D01
04249		XA209	14		XA208	26				16B	9		DT161B	04	DMRSN	01 1	TDD	DN		09A			D01
04250		XA208	26		XA207	42				16B	9		DT161B	05	DRCA3N	01 1	TDD	CN		14A			D01
04251		XA207	42		XA210	72				16B	9		DT161B	06	DTNC8N	01 1	TDD	EN		20A			D01
04252		XA210	72		XA209	79				16B	9		DT161B	07	DTCL8N	01 1	TDD	MN		34A			D01
04253		XA209	79		XA208	79				16B	9		DT161B	08	DRCA1N	01 1	TDD	LN		39B			D01
04254		XA208	79		XA307	01				16B	9		DT161B	09	DRCA2N	01 1	TDD	LN		39B			D01

**** SIGNAL DT161B IS ON THE NEXT PAGE ****

H78-14 794
 DRAWING NUMBER
 UNIT ASSEMBLY NAME

149017-800
 CARD CAGE ASSY B,IFCU
 STRING

UNIT ASSEMBLY NO. 149017
 FILE IDENT T39C1FC7

REV E INDEX DT161B
 DATE 09-03-82 PAGE 117

RECORD NUMBER	FROM				TO				WIRE				SIGNAL	SEQ NO	EQUATION	TERM FACTOR	CKT OR CHIP TYPE	GROUP	LOAD OR POWER PLANE	TEST POINTS		SIGNAL DESCRIPTION	ECO NO
	PREFIX	CONNECTOR	PIN	WIRE	PREFIX	CONNECTOR	PIN	WIRE	MULTI GROUP	CODE	COLOR	IDENT								AND	OR		
04255		XA307	01		XA306	01				16B	9		DT161B	10	DXXA2N	01	1	TDD	BN	02B		D01	
04256		XA306	01		XA325	45				16B	9		DT161B	11	DXXA3N	01	1	TDD	BN	02B		D01	
11498		XA325	45		XA325	47				16B	9		DT161B	12				RR4	E4			D01	
11499		XA325	47										DT161B	13				RR4	E3			D01	
04268		XA103	60									J	DT162A	01	DT162A	00	1	TQ2	E2	28A	DT160B BUSS		
04269		XA103	57									J	DT163A	01	DT163A	00	1	TQ2	E3	30B	DT160B BUSS		
04270		XA103	63									J	DT164A	01	DT164A	00	1	TQ2	E4	33B	DT160B BUSS		
04271		XA104	31		XA209	56				16B	9		DT165A	01	DT165A	00	1	TH1	C5	16B	16 MHZ CLOCK UNLO		
04272		XA209	56		XA210	56				16B	9		DT165A	02	DMSYON	01	1	TDD	GN	26A			
04273		XA210	56										DT165A	03	DMSY1N	01	1	TDD	GN	26A			
04274		XA109	76		XA106	49				16B	9		DVCMDO	01	DVCMDO	00	1	TS8	E1	37A	VALID CMD		
04275		XA106	49										DVCMDO	02	DSYN1A	01	2	TQ2	D4	26B			
02971		XA106	59		XA309	11				16B	9		DWB32P	01	DWD02A	01	1	TQ2	E4	31B		B07	
11178		XA309	11										DWB32P	02	DWB32P	00	1	TDD	AP	05B		B07	
02990		XA111	76		XA309	13				16B	9		DWB32Q	01	DWD03A	01	1	TQ2	E4	37A	BIT 32 DELAY ED	B07	
11179		XA309	13										DWB32Q	02	DWB32Q	00	1	TDD	AQ	06B	BIT 32 DELAY ED	B07	
04276		XA350	46		XA243	77				16B	9		DWDOADG	01				EXT					
04277		XA243	77										DWDOADG	02				DCF					
04278		XA243	80		XA350	45				16B	9		DWDOADX	01	DWDOADX	00	1	DCE	D5	38B	WRITE DATA		
04279		XA350	45										DWDOADX	02				EXT					
04280		XA103	51		XA243	74				16B	9		DWD010	01	DWD010	00	1	TQ2	D4	27B	WRITE DATA		
04281		XA243	74										DWD010	02	DWDOA0X	01	1	DCE	D6	37A			
04282		XA106	63		XA103	47				16B	9		DWD02A	01	DWD02A	00	1	TQ2	E4	33B	WRITE NORMAL		
04283		XA103	47										DWD02A	02	DWD010	01	1	TQ2	D4	25B			
04284		XA111	80		XA103	49				16B	9		DWD03A	01	DWD03A	00	1	TQ2	F4	39A	WRITE PARITY		
04285		XA103	49										DWD03A	02	DWD010	01	2	TQ2	D4	26B			
04286		XA350	40		XA243	59				16B	9		DWENADG	01				EXT					
04287		XA243	59										DWENADG	02				DCF					
04288		XA243	61		XA350	39				16B	9		DWENADX	01	DWENADX	00	1	DCF	D7	33A			
04289		XA350	39										DWENADX	02				EXT					
03223		XA333	37		XA311	78				16B	9		DWENAP	01	DTSE7A	01	2	TQ2	C4	18B			
03512		XA311	78		XA207	47				16B	9		DWENAP	015	DRBM1A	01	3	TT3	F3	38A			
04291		XA207	47		XA212	49				16B	9		DWENAP	02	DWENAP	00	1	TDD	GP	25B			
03292		XA212	49		XA214	60				16B	9		DWENAP	03	DRRESA	01	3	TT3	D3	26B		B07	
10856		XA214	60		XA224	41				16B	9		DWENAP	033	DRUS70	01	2	TT3	E2	28A		C02	
												****	SIGNAL	DWENAP	IS ON THE NEXT PAGE				****				

H78-14 795
DRAWING NUMBER
UNIT ASSEMBLY NAME

149017-800 STRING
CARD CAGE ASSY B,IFCU

UNIT ASSEMBLY NO. 149017
FILE IDENT T39C1FC7

REV DATE E INDEX DWENAP
09-03-82 PAGE 118

RECORD NUMBER	FROM			TO			WIRE				SIGNAL	SEQ NO	EQUATION	TERM	FACTO	CKT OR CHIP TYPE	GROUP	LOAD OR POWER PLANE	TEST POINTS AND/OR	SIGNAL DESCRIPTION	ECO NO	
	PREFIX	CONNECTOR	PIN	SUFFIX	CONNECTOR	PIN	SH FC	MULTI GROUP	CODE	COLOR												IDENY
02977		XA224	41									DWENAP	04	DSRC1A	01	1	TQ2	D3	22B			
07063		XA102	73		XA207	49		16B	9			DWENAO	01	DTSH4A	01	3	TS8	F1	36B	WRITE ENABLE		
04294		XA207	49		XA243	70		16B	9			DWENAO	03	DWENAO	00	1	TDD	GO	26B			
04295		XA243	70									DWENAO	04	DWENAOX	01	1	DCF	D8	35A			
04296		XA207	54		XA106	21		16B	9			DWENAO	01	DWENAI	01	1	TDD	GI	25A			
04297		XA106	21									DWENAO	02	DWENAO	00	1	TQ2	B3	10B			
04298		XA105	36		XA106	19		16B	9			DWEN1A	01	DWEN1A	00	1	TT3	C1	17A	ENABLE FOR WRITE		
04299		XA106	19									DWEN1A	02	DWENAO	01	2	TQ2	B3	09B			
04300		XA108	76		XA106	17		16B	9			DWEN2A	01	DWEN2A	00	1	TD4	F1	37A	ENABLE WRITE MAIN		
04301		XA106	17									DWEN2A	02	DWENAO	01	1	TQ2	B3	08B			
10875		XA214	80		XA207	52		16B	9			DWEN3A	01	DWEN3A	00	1	TT3	F3	39A		B10	
04930		XA207	52									DWEN3A	02	DWENAP	01	1	TDD	GP	24A		B10	
07929		XA112	07		XA214	69		16B	9			DWEN30	01	DWEN30	00	1	TT3	A2	03A		B10	
10864		XA214	69									DWEN30	02	DWEN3A	01	1	TT3	F3	35A		B10	
07925		XA112	03		XA212	73		16B	9			DWEN4A	01	DWEN30	01	2	TT3	A2	02A		B10	
03602		XA212	73									DWEN4A	02	DWEN4A	00	1	TT3	F1	36B		B10	
11778		XA331	59		XA334	68		16B	9			DWPAPER	01	DWPAPER	00	1	EOR	E1	30B	WRITE PARITYSUMER	B05	
03909		XA334	68									DWPAPER	02	DWOPGI	01	1	TDD	J1	32A		B05	
10826		XA214	26		XA108	56		16B	9			DWRBOA	005	DWOPNA	01	3	TT3	B1	14A		B05	
06852		XA108	56		XA333	27		16B	9			DWRBOA	01	DSRCKA	01	4	TD4	D1	26A			
00880		XA333	27									DWRBOA	02	DWRBOA	00	1	TQ2	B4	13B			
04304		XA224	47		XA224	13		16B	9			DWRNOA	01	DRRE9A	01	1	TQ2	D4	25B			
02530		XA224	13		XA111	26		16B	9			DWRNOA	02	DMSP30	01	2	TQ2	A4	06B			
04306		XA111	26		XA104	42		16B	9			DWRNOA	03	DRDWT0	01	2	TQ2	B1	14A			
04307		XA104	42									DWRNOA	04	DWRNOA	00	1	THI	C6	18B	WRITE		
04310		XA328	19		XA212	65		16B	9			DWRN00	03	DBFC5A	01	3	TD4	B2	09B			
04311		XA212	65		XA212	47		16B	9			DWRN00	04	DSROCA	01	1	TT3	F2	34B	01		
04313		XA212	47		XA103	75		16B	9			DWRN00	06	DRRESA	01	2	TT3	D3	25B			
04315		XA103	75		XA105	52		16B	9			DWRN00	08	DWRN00	00	1	TQ2	F1	37B	WRITE + WRITE MA		
04317		XA105	52									DWRN00	10	DOVE1A	01	1	TT3	D1	24A		B07	
04320		XA104	39		XA103	72		16B	9			DWRN10	02	DWRNOA	01	1	THI	C6	19B			
04321		XA103	72		XA108	78		16B	9			DWRN10	03	DWRN10	00	1	TQ2	F2	34A	WRITE MAINT + NOR		
04323		XA108	78		XA212	01		16B	9			DWRN10	05	DWEN2A	01	3	TD4	F1	38A			
04324		XA212	01		XA212	06		16B	9			DWRN10	06	DMRE4A	01	1	TT3	A2	02B			
04325		XA212	06		XA214	46		16B	9			DWRN10	07	DMCK2A	01	1	TT3	A1	05A		B07	
10843		XA214	46		XA224	73		16B	9			DWRN10	075	DRCL7A	01	2	TT3	D2	21A		B07	
07260		XA224	73		XA328	22		16B	9			DWRN10	09	DTSE6A	01	2	TQ2	F2	36B			
04327		XA328	22									DWRN10	10	DMRE3A	01	1	TD4	B1	12A			

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DRAWING NUMBER
UNIT ASSEMBLY NAME

149017-800 STRING
CARD CAGE ASSY B,IFCU

UNIT ASSEMBLY NO. 149017
FILE IDENT T39C1FC7

REV E INDEX DWRN10
DATE 09-03-82 PAGE 119

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										
11702		XA224	69		XA215	41			16B	9		DWRZRA	01	DWRZRA	00	1	TQ2	F3	35A		
02525		XA215	41									DWRZRA	02	DWRZRO	01	1	TH1	D4	23B		
02520		XA215	46		XA339	52			16B	9		DWRZRO	01	DWRZRO	00	1	TH1	D4	22B		
01903		XA339	52		XA340	52			16B	9		DWRZRO	02	DSRM6TA	01	3	MUX	D1	25A		
01904		XA340	52		XA341	52			16B	9		DWRZRO	03	DSRM4TA	01	3	MUX	D1	25A		
01905		XA341	52		XA342	52			16B	9		DWRZRO	04	DSRM2TA	01	3	MUX	D1	25A		
01906		XA342	52		XA342	68			16B	9		DWRZRO	05	DSRM0TA	01	3	MUX	D1	25A		
01907		XA342	68		XA341	68			16B	9		DWRZRO	06	DSRM1TA	01	3	MUX	E1	33A		
01908		XA341	68		XA340	68			16B	9		DWRZRO	07	DSRM3TA	01	3	MUX	E1	33A		
01909		XA340	68		XA339	68			16B	9		DWRZRO	08	DSRM5TA	01	3	MUX	E1	33A		
01910		XA339	68						16B	9		DWRZRO	09	DSRM7TA	01	3	MUX	E1	33A		
03224		XA208	35		XA224	25			16B	9		DWRZOP	01	DWRZOP	00	1	TDD	EP	17B		804
07235		XA224	25		XA232	15			16B	9		DWRZOP	03	DOVERA	01	2	TQ2	B4	12B		
07246		XA232	15									DWRZOP	04	DBOP00	01	1	TDD	AQ	07B		
07471		XA312	60		XA224	65			16B	9		DWRZ0Q	005	DRC16A	01	2	TD4	E2	28A		
07230		XA224	65		XA208	37			16B	9		DWRZ0Q	01	DWRZRA	01	1	TQ2	F3	34B		
12013		XA208	37									DWRZ0Q	02	DWRZ0Q	00	1	TDD	FQ	18B		
04330		XA103	50		XA104	54			16B	9		DWRZ0Q	01	DTS34A	01	2	TQ2	D2	23A		
04331		XA104	54		XA105	42			16B	9		DWRZ0Q	02	DWRZ0Q	00	1	TH1	D1	25A		WRITE ZEROS
04332		XA105	42		XA208	40			16B	9		DWRZ0Q	03	DWEN1A	01	3	TT3	C1	20A		
04293		XA208	40		XA312	62			16B	9		DWRZ0Q	04	DWRZ0I	01	1	TDD	E1	19A		
07387		XA312	62									DWRZ0Q	05	DRC16A	01	3	TD4	E2	29A		
04290		XA315	66		XA337	31			16B	9		DWRO0A	01	DRBCKTA	01	4	MUX	F1	32B		
01012		XA337	31									DWRO0A	02	DWRO0A	00	1	TH1	C5	16B		
01009		XA337	33		XA333	25			16B	9		DWRO00	00C	DWRO0A	01	1	TH1	C5	17B		
04943		XA333	25		XA333	47			16B	9		DWRO00	00L	DWRB0A	01	2	TQ2	B4	12B		
04007		XA333	47		XA328	07			16B	9		DWRO00	005	DRLS3A	01	1	TQ2	D4	25B		805
03301		XA328	07		XA320	31			16B	9		DWRO00	007	DCWCRA	01	4	TD4	A2	03A		805
02393		XA320	31		XA224	43			16B	9		DWRO00	01	DXDD1IX	01	6	MUX	B1	14B		
03079		XA224	43		XA219	77			16B	9		DWRO00	015	DSRC1A	01	2	TQ2	O3	23B		
04334		XA219	77		XA214	59			16B	9		DWRO00	02	DRTC1A	01	2	TT3	F1	38B		807
10855		XA214	59		XA108	62			16B	9		DWRO00	03	DSRT3A	01	2	TT3	E3	31B		807
00532		XA108	62		XA105	31			16B	9		DWRO00	04	DSRLCA	01	3	TD4	E2	29A		
04336		XA105	31		XA102	18			16B	9		DWRO00	05	DWRO00	00	1	TT3	C2	15B		WRITE + WRITE ZER
04179		XA102	18									DWRO00	06	DTSE2A	01	2	TS8	B1	10A		
11184		XA309	19		XA111	78			16B	9		DWOPBQ	01	DWOPBQ	00	1	TDD	DQ	09B		D01
04302		XA111	78									DWOPBQ	02	DWD03A	01	2	TQ2	F4	38A		D01
11183		XA309	18		XA331	55			16B	9		DWOPGQ	01	DWOPBT	01	1	TDD	DT	10A		D01
07691		XA331	55		XA334	61			16B	9		DWOPGQ	02	DWPARER	01	1	EOR	E1	29B		805
01033		XA334	61									DWOPGQ	03	DWOPGQ	00	1	TDD	IQ	32B		WRITE PARITY GEN

H78-14 797
DRAWING NUMBER
UNIT ASSEMBLY NAME

149017-800
CARD CAGE ASSY B,IFCU

STRING
UNIT ASSEMBLY NO. 149017
FILE IDENT T39C1FC7

REV E INDEX DWOPGQ
DATE 09-03-82 PAGE 120

RECORD NUMBER	PREFIX	CONNECTOR	PIN	SIGNAL	SEQ NO	EQUATION	TERM	FACT	CHK OR CHIP TYPE	GROUP	LOAD OR POWER PLANE	TEST POINTS		SIGNAL DESCRIPTION	ECO NO									
												AND	OR											
10820 01023		XA214 XA334	20 70			XA334 70								DWOPNA DWOPNA	01 02	DWOPNA DWOPGN	00 1 01 1	TT3 TDD	B1 JN			11A 33A		B05 B05
10819 04947		XA214 XA334	19 66			XA334 66								DWOPRA DWOPRA	01 02	DWOPRA DWOPGP	00 1 01 1	TT3 TDD	B2 JP			09B 31A		WRT.WRD 21*BIT32MBC02 B05
10816 07684		XA214 XA334	15 63			XA334 63								DWOPSA DWOPSA	01 02	DWOPSA DWOPGQ	00 1 01 1	TT3 TDD	A3 J0			07B 33B		I/O CLK 1. BIT 00 B05
04337 04338 04339 04340		XA301 XA323 XA324 XA325	36 30 30 10			XA323 30 XA324 30 XA325 10								DXACMB4 DXACMD DXBCMD DXACMB4	01 02 03 04	DXRCMS DXACMB4 DXACMB4 DXACMB4	01 2 01 1 02 1 00 1	TQ2 TLD TLD RR4	C2 C2 C2 A2			17A 15A 15A		
04341		XA323	30				J							DXACMD	01	DXACMD	00 1	TLD	C2			15A		DXACMB4 BUSS
12036		XA321	60				J							DXACMDX	01	DXACMDX	00 1	DCF	C5			31B		DTACMB BUSS
04342 04343 04344		XA105 XA323 XA321	45 36 57			XA323 36 XA321 57								DXACMOX DXACMOX DXACMOX	01 02 03	DXARSA DXACMD DXACMOX	01 1 01 2 00 1	TT3 TLD DCF	D3 C2 C6			24B 17A 31A		
04345 04346 04347 04348		XA323 XA323 XA303 XA104	48 47 78 66			XA323 47 XA303 78 XA104 66								DXADEA DXADEA DXADEA DXADEA	01 02 03 04	DXAR5D1 DXBR5D1 DXAD1A DXADEA	01 1 01 1 01 2 00 1	TLD TLD TQ2 THI	D2 D4 F4 E1			22A 25B 38A 32A		
04354 04355 04356		XA308 XA308 XA301	49 61 57			XA308 61 XA301 57								DXADRO DXADRO DXADRO	01 02 03	DXEAQA DXCAOA DXADRO	01 1 01 1 00 1	TD4 TD4 TQ2	D1 E1 E3			24B 32B 30B		I/O ADDRESS FOR T
04357 04358		XA303 XA301	69 53			XA301 53								DXAD0A DXAD0A	01 02	DXAD0A DXADRO	00 1 01 1	TQ2 TQ2	E3 E3			35A 28B		ADDRESS 0 DECODE
04359 04360		XA301 XA303	55 80			XA303 80								DXAD1A DXAD1A	01 02	DXADRO DXAD1A	01 2 00 1	TQ2 TQ2	E3 F4			29B 39A		ADDRESS 1 DECODE
04361 04362 04363 04364		XA325 XA324 XA323 XA301	07 33 33 31			XA324 33 XA323 33 XA301 31								DXAENB4 DXBEND DXAEND DXAENB4	01 02 03 04	DXAENB4 DXAENB4 DXAENB4 DXRENS	01 1 02 1 01 1 01 2	TLD TLD TLD TQ2	C3 C3 C3 C3			16B 16B 15B		
04365		XA323	33				J							DXAEND	01	DXAEND	00 1	TLD	C3			16B		DXAENB4 BUSS
12037		XA321	43				J							DXAENDX	01	DXAENDX	00 1	DCF	C7			25A		DTAENB BUSS
04366 04367		XA105 XA323	47 31			XA323 31 XA321 48								DXAENOX DXAENOX	01 02	DXARSA DXAEND	01 2 01 2	TT3 TLD	D3 C3			25B 15B		
**** SIGNAL (DXAENOX) IS ON THE NEXT PAGE ****																								

H78-14 798
DRAWING NUMBER
UNIT ASSEMBLY NAME

149017-800 STRING
CARD CAGE ASSY B,IFCU

UNIT ASSEMBLY NO. 149017
FILE IDENT T39C1FC7

REV DATE E
09-03-82

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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	SN FC	PREFIX	CONNECTOR	PIN	SN FC	MULTI GROUP	CODE	COLOR	IDENT												SPEC INST MISC
04368		XA321	48											DXAENOX	03	DXAENOX	00	1	DCF	C8	24A			
04369		XA104	62		XA104	61			168	9				DXAIEA	01	DXAIFO	01	1	THI	E3	25A			
04370		XA104	61		XA302	75			168	9				DXAIEA	02	DXAIEO	01	1	THI	E2	31A			
04371		XA302	75											DXAIEA	03	DXAIEA	00	1	TQ2	F1	37B	PORT A INPUT ENAB		
04372		XA323	23		XA323	24			168	9				DXAIEO	01	DXA7CD	01	1	TLD	B4	11B			
04373		XA323	24		XA323	18			168	9				DXAIEO	02	DXA4CD	01	1	TLD	B1	13A			
04374		XA323	18		XA323	17			168	9				DXAIEO	03	DXA5CD	01	1	TLD	B2	10A			
04375		XA323	17		XA323	11			168	9				DXAIEO	04	DXA6CD	01	1	TLD	B3	08B			
04376		XA323	11		XA323	08			168	9				DXAIEO	05	DXA3CD	01	1	TLD	A4	05B			
04377		XA323	08		XA323	04			168	9				DXAIEO	06	DXA0CD	01	1	TLD	A1	06A			
04378		XA323	04		XA323	03			168	9				DXAIEO	07	DXA1CD	01	1	TLD	A2	04A			
04379		XA323	03		XA104	63			168	9				DXAIEO	08	DXA2CD	01	1	TLD	A3	02A			
04380		XA104	63											DXAIEO	09	DXAIEO	00	1	THI	E2	30A			
04381		XA323	40		XA323	34			168	9				DXAIFO	01	DXAPCD	01	1	TLD	C1	19A			
04382		XA323	34		XA323	29			168	9				DXAIFO	02	DXACMD	01	1	TLD	C2	16A			
04383		XA323	29		XA104	60			168	9				DXAIFO	03	DXAEND	01	1	TLD	C3	14B			
04384		XA104	60											DXAIFO	04	DXAIFO	00	1	THI	E3	28A			
12038		XA321	55									J	DXAINDX	01	DXAINDX	00	1	DCF	C3	30B	DTAINB BUSS			
04385		XA325	09		XA324	38			168	9				DXAPCB4	01				RR4	A5				
04386		XA324	38		XA323	38			168	9		P	DXBPCD	02	DXAPCB4	02	1	TLD	C1		18A			
04387		XA323	38		XA301	42			168	9		P	DXAPCD	03	DXAPCB4	01	1	TLD	C1		18A			
04388		XA301	42											DXAPCB4	04	DXRPCS	01	2	TQ2	C1	20A			
04389		XA323	38									J	DXAPCD	01	DXAPCD	00	1	TLD	C1		18A	DXAPCB4 BUSS		
12040		XA321	46									J	DXAPCDX	01	DXAPCDX	00	1	DCF	C1		25B	DTAPCB BUSS		
04390		XA323	42		XA321	47			168	9				DXAPCOX	01	DXAPCD	01	2	TLD	C1	20A			
04391		XA321	47											DXAPCOX	02	DXAPCOX	00	1	DCF	C2	26B			
04392		XA308	23		XA104	79			168	9				DXARQA	01	DXARQA	00	1	TLD	B1	11B			
04393		XA104	79											DXARQA	02	DXARQ0	01	1	THI	F1	39B			
04394		XA323	56		XA323	50			168	9				DXARQ0	01	DXAR4D1	01	2	TLD	D1	26A			
04395		XA323	50		XA104	80			168	9				DXARQ0	02	DXAR5D1	01	2	TLD	D2	23A			
04396		XA104	80											DXARQ0	03	DXARQ0	00	1	THI	F1	38B			
04397		XA304	18		XA105	51			168	9				DXARSA	01	DXRS00	01	2	TS8	B1	10A			
04398		XA105	51											DXARSA	02	DXARSA	00	1	TI3	D3	27B	PORT A RESET		
11244		XA326	05		XA323	52			168	9				DXAR4D1	005				RR1	A1				
12041		XA323	52		XA447	29			168	9				DXAR4D1	01	DXAR4D1	00	1	TLD	D1	24A			
52508		XA447	29											DXAR4D1	02				SHT				806	
11245		XA326	06		XA323	46			168	9				DXAR5D1	005				RR1	A2				
													****	SIGNAL	DXAR5D1	IS ON THE NEXT PAGE				****				

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	PREFIX	CONNECTOR	PIN	USE	PREFIX	CONNECTOR	PIN	INFO	MULTI GROUP	CODE	COLOR	IDENT												SPC INST
02244 02117		XA215 XA320	01 21			XA320	21			168	9			DMB04A DMB04A	01 02	DMB04A DXDD11X	00 01	1 2	THI MUX	A4 B1		02B 10B		
04939 02121 02247		XA333 XA320 XA215	54 05 07			XA320 XA215	05 07			168	9			DMB11A DMB11A DMB11A	00F 01 02	DRA16A DXDD01X DMB11A	01 01 00	1 2 1	TQ2 MUX THI	D1 A1 A5		25A 03B 04B		
02248 02249		XA318 XA215	19 10			XA215	10			168	9			DMB12A DMB12A	01 02	DXDD71X DMB12A	01 00	1 1	MUX THI	B1 A6		05B 06B	ITR 1 + ITR 2	
02250 02251		XA215 XA318	24 03			XA318	03			168	9			DMB13A DMB13A	01 02	DMB13A DXDD61X	00 01	1 1	THI MUX	B1 A1		13A 02B	ITR 1 + ITR 2	
02252 02253		XA319 XA215	35 25			XA215	25			168	9			DMB14A DMB14A	01 02	DXDD51X DMB14A	01 00	1 1	MUX THI	C1 B2		16B 11A	ITR 1 + ITR 2	
02254 02255		XA215 XA319	18 19			XA319	19			168	9			DMB21A DMB21A	01 02	DMB21A DXDD41X	00 01	1 1	THI MUX	B3 B1		09A 09B	ITR 1 + ITR 2	
02256 02257		XA319 XA215	03 14			XA215	14			168	9			DMB22A DMB22A	01 02	DXDD31X DMB22A	01 00	1 1	MUX THI	A1 B4		02B 08B	ITR 1 + ITR 2	
02258 02259		XA215 XA320	19 35			XA320	35			168	9			DMB23A DMB23A	01 02	DMB23A DXDD21X	00 01	1 1	THI MUX	B5 C1		10B 16B	ITR 1 + ITR 2	
02266 02267		XA333 XA219	79 27			XA219	27			168	9			DMCK10 DMCK10	01 02	DMFC1A DMCK10	01 00	2 1	TQ2 TT3	F1 B3		39B 13B	ENABLE CLOCK FOR	
02275 02268 02269 02270		XA211 XA212 XA219 XA224	79 04 21 04			XA212 XA219 XA224	04 21 04			168 168 168	9 9 9			DMCK2A DMCK2A DMCK2A DMCK2A	005 01 02 03	DBFUL0 DMCK2A DMCK10 DBFC30	01 00 01 01	2 1 3 1	TQ2 TT3 TT3 TQ2	F1 A1 B3 A2		39B 04A 10B 04A	WRITE : XFER DATA F.F.	
02271 02272		XA223 XA219	75 23			XA219	23			168	9			DMCK3A DMCK3A	01 02	DMCK3A DMCK10	00 01	1 2	TQ2 TT3	F1 B3		37B 11B		
11202 03482 07982 02277 02278 02273		XA309 XA108 XA112 XA219 XA224 XA224 XA333	39 35 66 25 05 05 62			XA108 XA112 XA219 XA224 XA333	35 66 25 05 62				168 168 168 168 168	9 9 9 9 9			DMCK4A DMCK4A DMCK4A DMCK4A DMCK4A DMCK4A	00 01 04 05 06 07	DMCK4Q DMCK4A DMFUL0 DMCK10 DBFC30 DMCK4Q	01 00 01 01 01 01	1 1 1 3 2 1	TDD TQ4 TT3 TT3 TQ2 TQ2	EQ C1 E1 B3 A2 E2		19B 17B 31A 12B 03B 29A	
11198 07985		XA309 XA112	35 70			XA112	70			168	9			DMCK4P DMCK4P	01 02	DMCK4P DMFUL0	00 01	1 3	TDD TT3	EP E1		17B 33A	E01 E01	
02279 02280		XA230 XA230	03 29			XA230 XA230	29 35			168 168	9 9			DMCK4Q DMCK4Q	01 02	DDCK4A DDCK2A	01 01	1 1	TQ2 TQ2	A3 C3		02A 14B		
										****		SIGNAL		DMCK4Q		IS ON THE								NEXT PAGE ****

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02281		XA230	35							168	9			DMCK40	03	DDCK3A	01	1	TQ2	C4		17B		
02282		XA230	34			XA230	40			168	9			DMCK40	04	DDCK1A	01	1	TQ2	C2		16A		
02283		XA230	40			XA333	60			168	9			DMCK40	05	DDCK0A	01	1	TQ2	C1		19A		
02284		XA333	60											DMCK40	06	DMCK40	00	1	TQ2	E2		28A		
03128		XA108	42			XA333	63			168	9			DMCK50	01	DMCK4A	01	4	TD4	C1		20A		
02317		XA333	63											DMCK50	02	DMCK50	00	1	TQ2	E4		33B	CYCLE COMPLETE	
11720		XA302	80			XA333	61			168	9			DMCK6A	01	DMCK6A	00	1	TQ2	F4		39A		
04135		XA333	61											DMCK6A	02	DMCK50	01	2	TQ2	E4		32B		
02286		XA223	72			XA220	51			168	9			DMCLKA	02	DMCLKA	00	1	TQ2	F2		34A	CLK FOR MEM COMMA	
02287		XA220	51			XA217	69			168	9			DMCLKA	03	DMMC02U	01	1	DBC	D2		25B		
02288		XA217	69			XA216	51			168	9			DMCLKA	04	DMMC32U	01	1	DBC	E2		32A		
02289		XA216	51			XA217	37			168	9			DMCLKA	05	DMMC42U	01	1	DBC	D2		25B		
02290		XA217	37			XA216	37			168	9			DMCLKA	06	DMMC12U	01	1	DBC	C2		17B		
02291		XA216	37											DMCLKA	07	DMMC22U	01	1	DBC	C2		17B		
02292		XA223	73			XA219	31			168	9			DMCLLO	01	DMCLKA	01	2	TQ2	F2		36B		
02293		XA219	31											DMCLLO	02	DMCLLO	00	1	TT3	C2		15B	CLK TO UPDATE MEM	
02294																								
02295																								
11194		XA309	30			XA208	14			168	9			DMCL8P	005	DMREBN	01	1	TDD	FN		15A	D03	
02296		XA208	14			XA210	11			168	9			DMCL8P	01	DMSCON	01	1	TDD	DN		09A		
02297		XA210	11			XA209	30			168	9			DMCL8P	02	DMCL8P	00	1	TDD	AP		05B		
02298		XA209	30			XA209	42			168	9			DMCL8P	03	DMSTPN	01	1	TDD	FN		15A		
02299		XA209	42			XA223	61			168	9			DMCL8P	04	DMSC2N	01	1	TDD	EN		20A		
02535		XA223	61			XA334	60			168	9			DMCL8P	05	DMRESA	01	2	TQ2	F4		32B		
02301		XA334	60											DMCL8P	06	DMSC1N	01	1	TDD	KN		28A		
02302		XA210	13			XA333	71			168	9			DMCL8Q	01	DMCL8Q	00	1	TDD	A0		06B	GEN 8 MHZ MEMORY	
02303		XA333	71											DMCL8Q	03	DMFC2A	01	1	TQ2	F2		36A		
02304																								
02305		XA210	01			XA215	37			168	9			DMCPCA	01	DMCPLN	01	1	TDD	BN		02B		
02306		XA215	37											DMCPCA	02	DMCPCA	00	1	THI	C2		17A	CLK FOR CYCLE COM	
02307		XA224	09			XA215	35			168	9			DMCPC0	01	DMCPC0	00	1	TQ2	A3		04B		
02308		XA215	35											DMCPC0	02	DMCPCA	01	1	THI	C2		18A		
02309		XA210	09			XA109	50			168	9			DMCPLP	01	DMCPLP	00	1	TDD	BP		04B		
07068		XA109	50											DMCPLP	02	DMRE2A	01	5	TS8	D1		23A		
02312		XA103	07			XA210	07			168	9			DMCPLQ	01	DTSE1A	01	2	TQ2	A3		03A		
02313		XA210	07			XA333	53			168	9			DMCPLQ	02	DMCPLQ	00	1	TDD	B0		03A	MEM CYCLE COMPLET	
02314		XA333	53											DMCPLQ	03	DMCP1A	01	1	TQ2	E3		28B		
02315		XA224	03			XA333	57			168	9			DMCP1A	01	DMCPC0	01	1	TQ2	A3		02A		
										****		SIGNAL		DMCP1A		IS ON THE						NEXT PAGE	****	

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												AND	OR			
04140		XA210	08	DTNC8A	01	DMCL8I	01	1	TDD	A1		06A				
		XA207	40	DTNC8A	07	DTNC8I	01	1	TDD	E1		19A				
04141		XA104	18	DTNC8A	08	DTNC8A	00	1	THI	B3		09A				
11208		XA309	46	DTNC8P	005	DBEUDN	01	1	TDD	HN		21A			C10	
11239		XA309	79	DTNC8P	01	DMSTQN	01	1	TDD	LN		39B			C08	
04145		XA207	35	DTNC8P	02	DTNC8P	00	1	TDD	EP		17B			C08	
04146		XA104	20	DTNC8Q	01	DTNC8A	01	1	THI	B3		10A				
04147		XA207	37	DTNC8Q	02	DTNC8Q	00	1	TDD	EQ		18B	NORMAL 8 MHZ			
04148		XA333	65	DTNC8Q	03	DBEC1A	01	1	TQ2	E3		34B				
04134		XA333	77	DTNC8Q	04	DMFC1A	01	1	TQ2	F1		38B				
04142		XA230	42	DTNC8Q	05	DDCK0A	01	2	TQ2	C1		20A				
04138		XA230	37	DTNC8Q	06	DDCK3A	01	2	TQ2	C4		18B				
04143		XA230	36	DTNC8Q	07	DDCK1A	01	2	TQ2	C2		17A				
04144		XA230	31	DTNC8Q	08	DDCK2A	01	2	TQ2	C3		15B				
04137		XA230	07	DTNC8Q	09	DDCK4A	01	2	TQ2	A3		03A				
00923		XA219	20	DTSC4A	01	DTSC4A	00	1	TT3	B1		11A	WRITE - WD 21*		FC07	
07948		XA112	29	DTSC4A	02	DSELA0	01	1	TT3	C2		14B			C07	
04149		XA109	60	DTSE1A	01	DTSH3A	01	2	TS8	E1		28A				
04150		XA103	09	DTSE1A	02	DTSE1A	00	1	TQ2	A3		04B	(ST 1 + ST 3). ME			
04151		XA102	23	DTSE2A	01	DTSE2A	00	1	TS8	B1		11B	RISE STATE CTR-WRT			
04152		XA109	61	DTSE2A	02	DTSH3A	01	3	TS8	E1		32B				
07521		XA314	13	DTSE3A	00C	DTSZE0	01	2	TQ2	A4		06B				
06863		XA109	13	DTSE3A	005	DRRE10	01	8	TS8	A1		06B				
04153		XA109	62	DTSE3A	01	DTSH3A	01	4	TS8	E1		29A				
04154		XA103	15	DTSE3A	02	DTSE3A	00	1	TQ2	A4		07B	ST1 - ICT - END - DTSC			
04155		XA108	59	DTSE4A	01	DTSE4A	00	1	TD4	E1		31B	WRITE + WRITE MAT			
04156		XA109	64	DTSE4A	02	DTSH3A	01	5	TS8	E1		30A				
06892		XA109	70	DTSE5A	01	DTSH3A	01	8	TS8	E1		33A				
03247		XA328	59	DTSE5A	02	DTSE5A	00	1	TD4	E1		31B	RESET BIT COUNTER			
11703		XA224	72	DTSE6A	01	DTSE6A	00	1	TQ2	F2		34A				
01800		XA328	68	DTSE6A	02	DTSE5A	01	3	TD4	E1		32A				
04189		XA106	55	DTSE7A	01	DTSTB0	01	2	TQ2	E3		29B				
00921		XA333	39	DTSE7A	02	DTSE7A	00	1	TQ2	C4		19B	HOLD CLK TE WRITE			
03192		XA108	30	DTSH0A	01	DTSTP0	01	1	TD4	C2		15A				
04158		XA103	22	DTSH0A	02	DTSH0A	00	1	TQ2	B1		12A				
04159		XA103	14	DTSH1A	01	DTSH1A	00	1	TQ2	B2		09A	STOP CLK CONTROL			
03290		XA108	31	DTSH1A	02	DTSTP0	01	2	TD4	C2		15B				
04031		XA218	14	DTSH1A	03	DMRES0	01	1	TS8	B1		09A				
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	PREFIX	CONNECTOR	PIN	QTY	PREFIX	CONNECTOR	PIN	QTY	MULTI GROUP	CODE	COLOR	IDENY												SEC INO
02274 03571		XA212 XA108	80 34			XA108	34			168	9			DTSH2A DTSH2A	01 02	DTSH2A DTSH2A	00 01	1 3	TT3 TD4	F3 C2		39A 16A	READ XFER BUFFER	
06855 04164		XA108 XA109	36 59			XA109	59			168	9			DTSH3A DTSH3A	01 02	DTSTP0 DTSH3A	01 00	4 1	TD4 TS8	C2 E1		17A 31B	HOLD CLOCK STOP	
11549 07101		XA102 XA208	76 39			XA208	39			168	9			DTSH4A DTSH4A	01 02	DTSH4A DWRZ0Q	00 01	1 1	TS8 TDD	F1 EQ		37A 15B		
04165 04166		XA106 XA103	57 03			XA103	03			168	9			DTSTB0 DTSTB0	01 02	DTSTB0 DTSE1A	00 01	1 1	TQ2 TQ2	E3 A3		30B 02A	ST1 + ST 3	
04167 03567		XA207 XA108	66 33			XA108	33			168	9			DTSTP0 DTSTP0	01 02	DTCSTP DTSTP0	01 00	1 1	TDD TD4	JP C2		31A 16B		
06851 04169 04170 04171		XA109 XA103 XA104 XA208	68 21 17 60			XA103 XA104 XA208	21 17 60			168 168 168	9 9 9			DTST0A DTST0A DTST0A DTST0A	005 01 02 03	DTSH3A DTST0A DTST00 DRRENN	01 00 01 01	7 1 1 1	TS8 TQ2 THI TDD	E1 B3 B4 KN		32A 10B 09B 28A	STATE 0	B09
04173 04174		XA103 XA104	26 14			XA104	14			168	9			DTST00 DTST00	02 03	DTSH0A DTST00	01 00	2 1	TQ2 THI	B1 B4		14A 08B		B05
04175 04176 04177		XA106 XA104 XA103	53 21 27			XA104 XA103	21 27			168 168	9 9			DTST1A DTST1A DTST1A	01 02 03	DTSTB0 DTST10 DTST1A	01 01 00	1 1 1	TQ2 THI TQ2	E3 B5 B4		28B 11B 13B	STATE 1	
04178 04180 02952		XA103 XA104 XA208	11 19 72			XA104 XA208	19 72			168 168 168	9 9 9			DTST10 DTST10 DTST10	01 03 05	DTSE3A DTST10 DTSTMN	01 00 01	1 1 1	TQ2 THI TDD	A4 B5 MN		05B 10B 34A	WZ,END DISC.)	E01 B05
04188 04183 04184		XA219 XA104 XA103	29 27 38			XA104 XA103	27 38			168 168	9 9			DTST2A DTST2A DTST2A	005 01 02	DMCLL0 DTST20 DTST2A	01 01 00	1 1 1	TT3 THI TQ2	C2 B6 C1		14B 13B 18A	IF ST 2 + ST 4	
03371 04185 04186 03106 04182		XA212 XA103 XA104 XA311 XA333	77 18 26 59 43			XA103 XA104 XA311 XA333	18 26 59 43			168 168 168	9 9 9			DTST20 DTST20 DTST20 DTST20 DTST20	00 01 02 03 04	DWEN4A DTSH1A DTST20 DMAC2A DMAC1A	01 00 00 01 01	2 1 1 2 2	TT3 TQ2 THI TT3 TQ2	F1 B2 B6 E3 D3		38B 10A 12B 31B 23B		B10
04190 04191		XA104 XA103	38 30			XA103	30			168	9			DTST3A DTST3A	03 04	DTST30 DTST3A	01 00	1 1	THI TQ2	C1 C2		20A 15A	STATE 3	
07930 04192 03156 04194 02984		XA112 XA104 XA212 XA224 XA333	08 40 69 55 35			XA104 XA212 XA224 XA333	40 69 55 35			168 168 168 168	9 9 9 9			DTST30 DTST30 DTST30 DTST30 DTST30	01 02 025 03 04	DRSC6A DTST30 DTSH2A DRSC1A DTSE7A	01 00 01 01 01	2 1 1 2 1	TT3 THI TT3 TQ2 TQ2	A1 C1 F3 E3 C4		06A 19A 35A 29B 17B		B10
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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	PREFIX	CONNECTOR	PIN	SH. FC	MULT. GROUP	CODE	COLOR												
04490		XA105	66		XA324	36			168	9		DXBCMOX	01	DXBRSA	01	1	TT3	E1		31A		
04491		XA324	36		XA322	57			168	9		DXBCMOX	02	DXBCMD	01	2	TLD	C2		17A		
04492		XA322	57									DXBCMOX	03	DXBCMOX	00	1	DCF	C6		31A		
04493		XA324	33								J	DXBEND	01	DXBEND	00	1	TLD	C3		16B	DXAENB4 BUSS	
12064		XA322	43								J	DXBENDX	01	DXBENDX	00	1	DCF	C7		25A	DTBENB BUSS	
04494		XA105	68		XA324	31			168	9		DXBENOX	01	DXBRSA	01	2	TT3	E1		32A		
04495		XA324	31		XA322	48			168	9		DXBENOX	02	DXBEND	01	2	TLD	C3		15B		
04496		XA322	48									DXBENOX	03	DXBENOX	00	1	DCF	C8		26A		
04497		XA302	72		XA104	59			168	9		DXBIEA	01	DXBIEA	00	1	T02	F2		34A	PORT B INPUT ENAB	
04498		XA104	59		XA104	55			168	9		DXBIEA	02	DXBIEO	01	1	THI	F5		31B		
04499		XA104	55									DXBIEA	03	DXBIEO	01	1	THI	E4		29B		
04500		XA324	23		XA324	24			168	9		DXBIEO	01	DXB7CD	01	1	TLD	B4		11B		
04501		XA324	24		XA324	18			168	9		DXBIEO	02	DXB4CD	01	1	TLD	B1		13A		
04502		XA324	18		XA324	17			168	9		DXBIEO	03	DXB5CD	01	1	TLD	B2		10A		
04503		XA324	17		XA324	11			168	9		DXBIEO	04	DXB6CD	01	1	TLD	B3		08B		
04504		XA324	11		XA324	08			168	9		DXBIEO	05	DXB3CD	01	1	TLD	A4		05B		
04505		XA324	08		XA324	04			168	9		DXBIEO	06	DXB0CD	01	1	TLD	A1		06A		
04506		XA324	04		XA324	03			168	9		DXBIEO	07	DXB1CD	01	1	TLD	A2		04A		
04507		XA324	03		XA104	56			168	9		DXBIEO	08	DXB2CD	01	1	TLD	A3		02A		
04508		XA104	56									DXBIEO	09	DXBIEO	00	1	THI	E4		28B		
04509		XA324	40		XA324	34			168	9		DXBIFO	01	DXBPCD	01	1	TLD	C1		19A		
04510		XA324	34		XA324	29			168	9		DXBIFO	02	DXBCMD	01	1	TLD	C2		16A		
04511		XA324	29		XA104	57			168	9		DXBIFO	03	DXBEND	01	1	TLD	C3		14B		
04512		XA104	57									DXBIFO	04	DXBIFO	00	1	THI	F5		30B		
12065		XA322	55								J	DXBINDX	01	DXBINDX	00	1	DCF	C3		30B	DTRINB BUSS	
04513		XA324	38								J	DXBPCD	01	DXBPCD	00	1	TLD	C1		18A	DXAPCB4 BUSS	
12067		XA322	46								J	DXBPCDX	01	DXBPCDX	00	1	DCF	C1		25B	DTRPCB BUSS	
04514		XA324	42		XA322	47			168	9		DXBPCOX	01	DXBPCD	01	2	TLD	C1		20A		
04515		XA322	47									DXBPCOX	02	DXBPCOX	00	1	DCF	C2		26B		
04516		XA308	21		XA104	73			168	9		DXBRQA	01	DXBRQA	00	1	TD4	B2		10B		
04517		XA104	73									DXBRQA	02	DXBRQ0	01	1	THI	F2		37B		
04518		XA323	49		XA323	43			168	9		DXBRQ0	01	DXBR5D1	01	2	TLD	D4		26B		
04519		XA323	43		XA104	71			168	9		DXBRQ0	02	DXBR4D1	01	2	TLD	D3		23B		
04520		XA104	71									DXBRQ0	03	DXBRQ0	00	1	THI	F2		36B		
04521		XA304	19		XA105	64			168	9		DXBRSA	01	DXRS00	01	3	TS8	B1		09B		
04522		XA105	64									DXBRSA	02	DXBRSA	00	1	TT3	E1		30A	PORT B RESET	
									****	SIGNAL		DXBR4D1									IS ON THE NEXT PAGE	****

H78-14 803
DRAWING NUMBER
UNIT ASSEMBLY NAME

149017-800 STRING
CARD CAGE ASSY B,IFCU

UNIT ASSEMBLY NO. 149017
FILE IDENT T39C1FC7

REV DATE E
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	PREFIX	CONNECTOR	PIN	WIRE NO	GROUP	CODE	COLOR											
11246		XA326	07		XA323	45			16B	9		DXBR4D1	005								
12068		XA323	45		XA447	69			16B	9		DXBR4D1	01	DXBR4D1	00	1	TLD	D3		24B	
52544		XA447	69									DXBR4D1	02				SHT				B06
11247		XA326	08		XA323	51			16B	9		DXBR5D1	005								
12069		XA323	51		XA447	72			16B	9		DXBR5D1	01	DXBR5D1	00	1	TLD	D4		27B	
52547		XA447	72									DXBR5D1	02				SHT				B06
04523		XA301	60		XA303	37			16B	9		DXBSLA	01	DXBSLA	00	1	TQ2	E2		28A	
04524		XA303	37									DXBSLA	02	DXONL0	01	2	TQ2	C4		18B	
12070		XA321	59		XA249	34			16B	9		DXBSLBG	01				DCF				B09
11079		XA249	34									DXBSLBG	02				EXT				B09
04528		XA325	42		XA348	26			16B	9		DXBSLB4	00				RR4	D1			B04
04525		XA348	26		XA249	33			16B	9		DXBSLB4	01				SHT				B06
04526		XA249	33									DXBSLB4	02				EXT				B04
04527		XA348	24		XA321	61			16B	9		DXBSLDX4	01				SHT				B06
04529		XA321	61									DXBSLDX4	03	DXBSLDX400	1		DCF	D7		33A	PORT B SELECT DRI
04530		XA322	70		XA321	68			16B	9		DXBSLOX	01	DXBSTOX	01	1	DCF	D8		35A	
04531		XA321	68		XA302	71			16B	9		DXBSLOX	02	DXBSLOX	00	1	DCF	D8		34A	
04532		XA302	71		XA301	62			16B	9		DXBSLOX	03	DXB1EA	01	1	TQ2	F2		36A	
04533		XA301	62		XA308	14			16B	9		DXBSLOX	04	DXBSLA	01	1	TQ2	E2		29A	
04534		XA308	14		XA308	01			16B	9		DXBSLOX	05	DXBRQA	01	1	TD4	B2		09A	
04535		XA308	01		XA105	70			16B	9		DXBSLOX	06	DXBOEA	01	1	TD4	A2		02B	
04536		XA105	70		XA230	04			16B	9		DXBSLOX	07	DXBRSA	01	3	TT3	F1		33A	
04537		XA230	04		XA241	37			16B	9		DXBSLOX	08	DDO1SA	01	1	TQ2	A2		04A	
04538		XA241	37									DXBSLOX	09	DMBS1HX	01	1	ACF	D2		18A	
04539		XA348	19		XA249	37			16B	9		DXBSTB	01				SHT				B06
04540		XA249	37									DXBSTB	02				EXT				
12071		XA322	59		XA249	38			16B	9		DXBSTBG	01				DCF				B09
11081		XA249	38									DXBSTBG	02				EXT				B09
04541		XA348	17		XA325	46			16B	9		DXBSTDX4	01				SHT				
04542		XA325	46		XA322	61			16B	9		DXBSTDX4	02				RR4	D2			
04543		XA322	61									DXBSTDX4	03	DXBSTDX400	1		DCF	D7		33A	
04544		XA324	06								J	DXBOCD	01	DXBOCD	00	1	TLD	A1		05A	DXAOCB4 BUSS
12073		XA322	07								J	DXBOCDX	01	DXBOCDX	00	1	DCF	A1		02B	DTROCB BUSS
04545		XA324	10		XA322	09			16B	9		DXBOCDX	01	DXBOCD	01	2	TLD	A1		07A	
04546		XA322	09									DXBOCDX	02	DXBOCDX	00	1	DCF	A2		03B	
04547		XA322	52		XA322	36			16B	9		DXBOEA	01	DXBPCDX	01	1	DCF	C1		29A	
04548		XA322	36		XA322	06			16B	9		DXBOEA	02	DXB4CDX	01	1	DCF	B1		13A	
									****	SIGNAL		DXBOEA		IS ON THE	NEXT PAGE	****					

H78-14 804
DRAWING NUMBER
UNIT ASSEMBLY NAME

149017-800 STRING
CARD CAGE ASSY B,IFCU

UNIT ASSEMBLY NO. 149017
FILE IDENT T39C1FC7

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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	SH 72	PREFIX	CONNECTOR	PIN	SH 72	MULTI GROUP	CODE	COLOR	IDENT												
04549		XA322	06			XA308	09							DXBOEA	03	DXB0CDX	01	1	DCF	A1		05A		
04550		XA308	09											DXBOEA	04	DXB0EFA	00	1	TD4	A2		04B	PORT B OUTPUT ENA	
04551		XA324	01										J	DXB1CD	01	DXB1CD	00	1	TLD	A2		02B	DXA1CB4 BUSS	
12083		XA322	17										J	DXB1CDX	01	DXB1CDX	00	1	DCF	A3		07B	DTB1CB BUSS	
04552		XA324	05			XA322	15							DXB1COX	01	DXB1CD	01	2	TLD	A2		03B		
04553		XA322	15											DXB1COX	02	DXB1COX	00	1	DCF	A4		06B		
04554		XA324	09										J	DXB2CD	01	DXB2CD	00	1	TLD	A3		04B	DXA2CB4 BUSS	
12084		XA322	14										J	DXB2CDX	01	DXB2CDX	00	1	DCF	A5		08B	DTB2CB BUSS	
04555		XA324	07			XA322	10							DXB2COX	01	DXB2CD	01	2	TLD	A3		03A		
04556		XA322	10											DXB2COX	02	DXB2COX	00	1	DCF	A6		07A		
04557		XA324	15										J	DXB3CD	01	DXB3CD	00	1	TLD	A4		07B	DXA3CB4 BUSS	
12085		XA322	01										J	DXB3CDX	01	DXB3CDX	00	1	DCF	A7		02A	DTB3CB BUSS	
04558		XA324	13			XA322	03							DXB3COX	01	DXB3CD	01	2	TLD	A4		06B		
04559		XA322	03											DXB3COX	02	DXB3COX	00	1	DCF	A8		03A		
04560		XA324	22										J	DXB4CD	01	DXB4CD	00	1	TLD	B1		12A	DXA4CB4 BUSS	
12086		XA322	27										J	DXB4CDX	01	DXB4CDX	00	1	DCF	B1		10B	DTB4CB BUSS	
04561		XA324	26			XA322	29							DXB4COX	01	DXB4CD	01	2	TLD	B1		14A		
04562		XA322	29											DXB4COX	02	DXB4COX	00	1	DCF	B2		11B		
04563		XA324	14										J	DXB5CD	01	DXB5CD	00	1	TLD	B2		05A	DXA5CB4 BUSS	
12087		XA322	37										J	DXB5CDX	01	DXB5CDX	00	1	DCF	B3		15B	DTB5CB BUSS	
04564		XA324	20			XA322	35							DXB5COX	01	DXB5CD	01	2	TLD	B2		11A		
04565		XA322	35											DXB5COX	02	DXB5COX	00	1	DCF	B4		14B		
04566		XA324	21										J	DXB6CD	01	DXB6CD	00	1	TLD	B3		10B	DXA6CB4 BUSS	
12088		XA322	41										J	DXB6CDX	01	DXB6CDX	00	1	DCF	B5		16A	DTB6CB BUSS	
04567		XA324	19			XA322	40							DXB6COX	01	DXB6CD	01	2	TLD	B3		09B		
04568		XA322	40											DXB6COX	02	DXB6COX	00	1	DCF	B6		15A		
04569		XA324	27										J	DXB7CD	01	DXB7CD	00	1	TLD	B4		13B	DXA7CB4 BUSS	
12089		XA322	23										J	DXB7CDX	01	DXB7CDX	00	1	DCF	B7		10A	DTB7CB BUSS	
04570		XA324	25			XA322	30							DXB7COX	01	DXB7CD	01	2	TLD	B4		12B		
														****	SIGNAL	DXB7COX			IS ON THE	NEXT PAGE	****			

H78-14 805

DRAWING NUMBER
UNIT ASSEMBLY NAME

149017-800
CARD CAGE ASSY B,IFCU

STRING

UNIT ASSEMBLY NO.
FILE IDENT

149017
T39C1FC7

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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	IDENY										
04640		XA317	59			XA320	20			168	9		DXDD11X	01	DXDD0TB	01 2	MUX	D2		30B		
04641		XA320	20										DXDD11X	02	DXDD11X	00 1	MUX	B1		10A	MUX INPUT BIT 1 B	
04642		XA317	56			XA320	36			168	9		DXDD21X	01	DXDD0TC	01 2	MUX	D3		28B		
04643		XA320	36										DXDD21X	02	DXDD21X	00 1	MUX	C1		17A	MUX INPUT BIT 2 B	
04644		XA317	64			XA319	04			168	9		DXDD31X	01	DXDD0TD	01 2	MUX	D4		30A		
04645		XA319	04										DXDD31X	02	DXDD31X	00 1	MUX	A1		02A	MUX INPUT BIT 3 B	
04646		XA315	53			XA319	20			168	9		DXDD41X	01	DXDD0TA	01 2	MUX	D1		26B		
04647		XA319	20										DXDD41X	02	DXDD41X	00 1	MUX	B1		10A	MUX INPUT BIT 4 B	
04648		XA315	59			XA319	36			168	9		DXDD51X	01	DXDD0TB	01 2	MUX	D2		30B		
04649		XA319	36										DXDD51X	02	DXDD51X	00 1	MUX	C1		17A	MUX INPUT BIT 5 B	
04650		XA315	56			XA318	04			168	9		DXDD61X	01	DXDD0TC	01 2	MUX	D3		28B		
04651		XA318	04										DXDD61X	02	DXDD61X	00 1	MUX	A1		02A	MUX INPUT BIT 6 B	
04652		XA315	64			XA318	20			168	9		DXDD71X	01	DXDD0TD	01 2	MUX	D4		30A		
04653		XA318	20										DXDD71X	02	DXDD71X	00 1	MUX	B1		10A	MUX INPUT BIT 7 B	
04655		XA314	62			XA311	24			168	9		DXDEVA	02	DXDEVO	01 1	TQ2	E2		29A		
04656		XA311	24			XA311	11			168	9		DXDEVA	03	DXHSOA	01 2	TT3	B1		13A		
04657		XA311	11			XA311	03			168	9		DXDEVA	04	DXEBOA	01 2	TT3	A3		05B		
04658		XA311	03			XA312	04			168	9		DXDEVA	05	DXIROA	01 2	TT3	A2		02A		
04659		XA312	04			XA104	78			168	9		DXDEVA	06	DXOROA	01 2	TD4	A2		04A		
04660		XA104	78										DXDEVA	07	DXDEVA	00 1	THI	F5		36A	*	
04661		XA312	21			XA314	59			168	9		DXDEVR	01	DXDEVR	00 1	TD4	B2		10B		
04662		XA314	59										DXDEVR	02	DXDEVS	01 1	TQ2	E4		31B		
07975		XA112	59			XA314	63			168	9		DXDEVS	005	DMMCPA	01 2	TT3	E3		31B	D08	
04663		XA314	63			XA312	14			168	9		DXDEVS	01	DXDEVS	00 1	TQ2	E4		33B	DEVICE COMMAND ST	
04664		XA312	14			XA304	30			168	9		DXDEVS	02	DXDEVR	01 1	TD4	B2		09A		
04665		XA304	30										DXDEVS	03	DXDV1A	01 1	TS8	C1		15A		
04666		XA311	08			XA312	08			168	9		DXDEVO	01	DXDV5A	01 2	TT3	A1		06A		
04667		XA312	08			XA314	60			168	9		DXDEVO	02	DXDV0A	01 2	TD4	A1		06A		
04668		XA314	60										DXDEVO	03	DXDEVO	00 1	TQ2	E2		28A		
03190		XA219	64			XA311	46			168	9		DXDIRA	01	DXDIRA	00 1	TT3	E1		30A	COMP . COMP CHAIN	
05346		XA311	46										DXDIRA	02	DXDIRA	01 2	TT3	D2		21A		
04669		XA321	49			XA322	49			168	9		DXDSBPR	01	DXAPCOX	01 1	DCF	C2		27B		
04670		XA322	49			XA226	25			168	9		DXDSBPR	02	DXBPCOX	01 1	DCF	C2		27B		
04671		XA226	25										DXDSBPR	03	DXDSBPR	00 1	PAR	B1		14A		
04672		XA314	06			XA312	10			168	9		DXDVC0	01	DXDVC0	00 1	TQ2	A1		05A		
04673		XA312	10			XA311	10			168	9		DXDVC0	02	DXDV0A	01 3	TD4	A1		07A		
04674		XA311	10										DXDVC0	03	DXDV5A	01 3	TT3	A1		07A		

H78-14 806
DRAWING NUMBER
UNIT ASSEMBLY NAME

149017-800
CARD CAGE ASSY B,IFCU

STRING

UNIT ASSEMBLY NO.
FILE IDENT

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T39C1FC7

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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	STR ID	PREFIX	CONNECTOR	PIN	STR ID	MULTI GROUP	CODE	COLOR	IDENT								AND	OR			
04608		XA316	61		XA313	41							DXDB0TB	01	DXDB0TB	00	1	MUX	D2		31B			
04609		XA313	41										DXDB0TB	02	DXS031U	01	2	DBC	C1		19B			
04610		XA313	43		XA316	60							DXDB0TC	01	DXS031U	01	3	DBC	C1		22B			
04611		XA316	60										DXDB0TC	02	DXDB0TC	00	1	MUX	D3		28A			
04612		XA316	63		XA313	45							DXDB0TD	01	DXDB0TD	00	1	MUX	D4		31A			
04613		XA313	45										DXDB0TD	02	DXS031U	01	4	DBC	C1		23B			
04614		XA313	53		XA316	73							DXDB4TA	01	DXS471U	01	1	DBC	D1		26B			
04615		XA316	73										DXDB4TA	02	DXDB4TA	00	1	MUX	E1		34B			
04616		XA316	79		XA313	55							DXDB4TB	01	DXDB4TB	00	1	MUX	E2		37B			
04617		XA313	55										DXDB4TB	02	DXS471U	01	2	DBC	D1		27B			
04618		XA313	57		XA316	74							DXDB4TC	01	DXS471U	01	3	DBC	D1		29B			
04619		XA316	74										DXDB4TC	02	DXDB4TC	00	1	MUX	E3		36A			
04620		XA316	80		XA313	59							DXDB4TD	01	DXDB4TD	00	1	MUX	E4		38B			
04621		XA313	59										DXDB4TD	02	DXS471U	01	4	DBC	D1		30B			
04622		XA315	04		XA317	51							DXDC01X	01	DXDC01X	00	1	MUX	A1		02A	MUX INPUT BIT 0 B		
04623		XA317	51										DXDC01X	02	DXD00TA	01	1	MUX	D1		25B	BIT 0		
04624		XA317	57		XA315	20							DXDC11X	01	DXD00TB	01	1	MUX	D2		29B	BIT 1		
04625		XA315	20										DXDC11X	02	DXDC11X	00	1	MUX	B1		10A	MUX INPUT BIT 1 B		
04626		XA317	54		XA315	36							DXDC21X	01	DXD00TC	01	1	MUX	D3		26A	BIT 2		
04627		XA315	36										DXDC21X	02	DXDC21X	00	1	MUX	C1		17A	MUX INPUT BIT 2 B		
04628		XA317	62		XA316	04							DXDC31X	01	DXD00TD	01	1	MUX	D4		29A	BIT 3		
04629		XA316	04										DXDC31X	02	DXDC31X	00	1	MUX	A1		02A	MUX INPUT BIT 3 B		
04630		XA316	20		XA315	51							DXDC41X	01	DXDC41X	00	1	MUX	B1		10A	MUX INPUT BIT 4 B		
04631		XA315	51										DXDC41X	02	DXD01TA	01	1	MUX	D1		25B	BIT 4		
04632		XA315	57		XA316	36							DXDC51X	01	DXD01TB	01	1	MUX	D2		29B	BIT 5		
04633		XA316	36										DXDC51X	02	DXDC51X	00	1	MUX	C1		17A	MUX INPUT BIT 5 B		
04634		XA315	54		XA317	04							DXDC61X	01	DXD01TC	01	1	MUX	D3		26A	BIT 6		
04635		XA317	04										DXDC61X	02	DXDC61X	00	1	MUX	A1		02A	MUX INPUT BIT 6 B		
04636		XA315	62		XA317	20							DXDC71X	01	DXD01TD	01	1	MUX	D4		29A	BIT 7		
04637		XA317	20										DXDC71X	02	DXDC71X	00	1	MUX	B1		10A	MUX INPUT BIT 7 B		
04638		XA320	04		XA317	53							DXDD01X	01	DXDD01X	00	1	MUX	A1		02A	MUX INPUT BIT 0 B		
04639		XA317	53										DXDD01X	02	DXD00TA	01	2	MUX	D1		26B			
													****	SIGNAL	DXDD11X								IS ON THE NEXT PAGE	****

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	PREFIX	CONNECTOR	PIN	SH 12	PREFIX	CONNECTOR	PIN	SH 12	MULTI GROUP	CODE	COLOR	IDENY											
04640		XA317	59		XA320	20				16B	9		DXDD11X	01	DXD00TB	01	2	MUX	D2		30B		
04641		XA320	20										DXDD11X	02	DXD011X	00	1	MUX	B1		10A	MUX INPUT BIT 1 B	
04642		XA317	56		XA320	36				16B	9		DXDD21X	01	DXD00TC	01	2	MUX	D3		28B		
04643		XA320	36										DXDD21X	02	DXDD21X	00	1	MUX	C1		17A	MUX INPUT BIT 2 B	
04644		XA317	64		XA319	04				16B	9		DXDD31X	01	DXD00TD	01	2	MUX	D4		30A		
04645		XA319	04										DXDD31X	02	DXDD31X	00	1	MUX	A1		02A	MUX INPUT BIT 3 B	
04646		XA315	53		XA319	20				16B	9		DXDD41X	01	DXD01TA	01	2	MUX	D1		26B		
04647		XA319	20										DXDD41X	02	DXDD41X	00	1	MUX	B1		10A	MUX INPUT BIT 4 B	
04648		XA315	59		XA319	36				16B	9		DXDD51X	01	DXD01TB	01	2	MUX	D2		30B		
04649		XA319	36										DXDD51X	02	DXDD51X	00	1	MUX	C1		17A	MUX INPUT BIT 5 B	
04650		XA315	56		XA318	04				16B	9		DXDD61X	01	DXD01TC	01	2	MUX	D3		28B		
04651		XA318	04										DXDD61X	02	DXDD61X	00	1	MUX	A1		02A	MUX INPUT BIT 6 B	
04652		XA315	64		XA318	20				16B	9		DXDD71X	01	DXD01TD	01	2	MUX	D4		30A		
04653		XA318	20										DXDD71X	02	DXDD71X	00	1	MUX	B1		10A	MUX INPUT BIT 7 B	
04655		XA314	62		XA311	24				16B	9		DXDEVA	02	DXDEVO	01	1	TQ2	E2		29A		
04656		XA311	24		XA311	11				16B	9		DXDEVA	03	DXHSOA	01	2	TT3	B1		13A		
04657		XA311	11		XA311	03				16B	9		DXDEVA	04	DXEBOA	01	2	TT3	A3		05B		
04658		XA311	03		XA312	04				16B	9		DXDEVA	05	DXIROA	01	2	TT3	A2		02A		
04659		XA312	04		XA104	78				16B	9		DXDEVA	06	DXOROA	01	2	TD4	A2		04A		
04660		XAI04	78										DXDEVA	07	DXDEVA	00	1	TH1	F5		36A	*	
04661		XA312	21		XA314	59				16B	9		DXDEVR	01	DXDEVR	00	1	TD4	B2		10B		
04662		XA314	59										DXDEVR	02	DXDEVS	01	1	TQ2	E4		31B		
07975		XAI12	59		XA314	63				16B	9		DXDEVS	005	DMMCPA	01	2	TT3	E3		31B		D08
04663		XA314	63		XA312	14				16B	9		DXDEVS	01	DXDEVS	00	1	TQ2	E4		33B	DEVICE COMMAND ST	
04664		XA312	14		XA304	30				16B	9		DXDEVS	02	DXDEVR	01	1	TD4	B2		09A		
04665		XA304	30										DXDEVS	03	DXDV1A	01	1	TS8	C1		15A		
04666		XA311	08		XA312	08				16B	9		DXDEVO	01	DXDV5A	01	2	TT3	A1		06A		
04667		XA312	08		XA314	60				16B	9		DXDEVO	02	DXDV0A	01	2	TD4	A1		06A		
04668		XA314	60										DXDEVO	03	DXDEVO	00	1	TQ2	E2		28A		
03190		XA219	64		XA311	46				16B	9		DXDIRA	01	DXDIRA	00	1	TT3	E1		30A	COMP . COMP CHAIN	
05346		XA311	46										DXDIRA	02	DXDIRA	01	2	TT3	D2		21A		
04669		XA321	49		XA322	49				16B	9		DXDSBPR	01	DXAPCOX	01	1	DCF	C2		27B		
04670		XA322	49		XA226	25				16B	9		DXDSBPR	02	DXBPCOX	01	1	DCF	C2		27B		
04671		XA226	25										DXDSBPR	03	DXDSBPR	00	1	PAR	B1		14A		
04672		XA314	06		XA312	10				16B	9		DXDVC0	01	DXDVC0	00	1	TQ2	A1		05A		
04673		XA312	10		XA311	10				16B	9		DXDVC0	02	DXDVOA	01	3	TD4	A1		07A		
04674		XA311	10										DXDVC0	03	DXDV5A	01	3	TT3	A1		07A		

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	PREFIX	CONNECTOR	PIN	WIRE	PREFIX	CONNECTOR	PIN	SH TO	MULTI GROUP	CODE	COLOR	IDENT												
04675		XA312	23		XA314	53				16B	9		DXDVSR	01	DXDVSR	00	1	T04	B1		11B			
04676		XA314	53										DXDVSR	02	DXDVSS	01	1	T02	E3		28B			
04677		XA304	71		XA304	55				16B	9		DXDVSS	01	DXDVXA	01	1	TS8	E1		36A	EQUATION		
04678		XA304	55		XA314	57				16B	9		DXDVSS	02	DXSS0A	01	1	TS8	E1		29B			
04679		XA314	57		XA312	22				16B	9		DXDVSS	03	DXDVSS	00	1	T02	E3		30B	DEV COMMAND STOP		
04680		XA312	22										DXDVSS	04	DXDVSR	01	1	T04	B1		12A			
04681		XA303	68		XA304	76				16B	9		DXDVXA	01	DXDVX0	01	1	T02	E1		32A			
04682		XA304	76										DXDVXA	02	DXDVXA	00	1	TS8	E1		37A	DEV CMD WITH BUSY		
04683		XA328	37		XA328	49				16B	9		DXDVX0	01	DIT0SA	01	1	T04	C1		18B			
04684		XA328	49		XA303	66				16B	9		DXDVX0	02	DIT1SA	01	1	T04	D1		26B			
04685		XA303	66		XA212	38				16B	9		DXDVX0	03	DXDVX0	00	1	T02	E1		31A			
04686		XA212	38		XA212	21				16B	9		DXDVX0	04	DIT1CA	01	1	TT3	C1		18A			
04687		XA212	21		XA106	41				16B	9		DXDVX0	05	DIT0CA	01	1	TT3	B3		10B			
04688		XA106	41										DXDVX0	06	DSTOPA	01	1	T02	D3		22B			
04689		XA312	11		XA314	61				16B	9		DXDV0A	01	DXDV0A	00	1	T04	A1		05B			
04690		XA314	61										DXDV0A	02	DXDEVS	01	2	T02	E4		32B			
04691		XA304	35		XA303	41				16B	9		DXDV1A	01	DXDV1A	00	1	TS8	C1		17B			
04692		XA303	41		XA303	47				16B	9		DXDV1A	02	DXDV30	01	1	T02	D3		22B			
04693		XA303	47		XA303	48				16B	9		DXDV1A	03	DXDV40	01	1	T02	D4		25B			
04694		XA303	48		XA303	54				16B	9		DXDV1A	04	DXDV20	01	1	T02	D2		22A			
04695		XA303	54										DXDV1A	05	DXDV10	01	1	T02	D1		25A			
04696		XA303	52		XA303	51				16B	9	P	DXDV10	01	DXDV1B	01	1	T02	D1		24A			
04697		XA303	51		XA303	45				16B	9	P	DXDV40	02	DXDV1B	04	1	T02	D4		27B			
04698		XA303	45		XA303	46				16B	9	P	DXDV30	03	DXDV1B	03	1	T02	D3		24B			
04699		XA303	46		XA211	76				16B	9	P	DXDV20	04	DXDV1B	02	1	T02	D2		21A			
04700		XA211	76		XA211	71				16B	9		DXDV1B	05	DLP1SA	01	1	T02	F4		37A			
04701		XA211	71		XA106	47				16B	9		DXDV1B	06	DBTSSA	01	1	T02	F2		36A			
04703		XA106	47		XA103	10				16B	9		DXDV1B	08	DSYMLA	01	1	T02	D4		25B			
04704		XA103	10										DXDV1B	09	DTCWFA	01	2	T02	A1		07A			
04705		XA303	52									J	DXDV10	01	DXDV10	00	1	T02	D1		24A	DXDV1B BUSS		
04706		XA303	46									J	DXDV20	01	DXDV20	00	1	T02	D2		21A	DXDV1B BUSS		
04707		XA303	45									J	DXDV30	01	DXDV30	00	1	T02	D3		24B	DXDV1B BUSS		
04708		XA303	51									J	DXDV40	01	DXDV40	00	1	T02	D4		27B	DXDV1B BUSS		
04709		XA311	04		XA314	55				16B	9		DXDV5A	01	DXDV5A	00	1	TT3	A1		04A			
04710		XA314	55										DXDV5A	02	DXDVSS	01	2	T02	E3		29B			
04711		XA316	53		XA317	55				16B	9		DXD00TA	01	DXD80TA	01	2	MUX	D1		26B			
													****	SIGNAL	DXD00TA								IS ON THE NEXT PAGE	****

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	PREFIX	CONNECTOR	PIN	PREFIX	CONNECTOR	PIN	SH 10	MULTI GROUP	CODE	COLOR											DENT
04712		XA317	55									DXDOOTA	02	DXDOOTA	00	1	MUX	D1	27B	MUX-DATA ITR 0 +	
04713		XA317	61		XA316	59			16B	9		DXDOOTB	01	DXDOOTB	00	1	MUX	D2	31B	MUX-DATA ITR 0 +	
04714		XA316	59									DXDOOTB	02	DXDOOTB	01	2	MUX	D2	30B		
04715		XA316	56		XA317	60			16B	9		DXDOOTC	01	DXDOOTC	01	2	MUX	D3	28B		
04716		XA317	60									DXDOOTC	02	DXDOOTC	00	1	MUX	D3	28A	MUX-DATA ITR 0 +	
04717		XA317	63		XA316	64			16B	9		DXDOOTD	01	DXDOOTD	00	1	MUX	D4	31A	MUX-DATA ITR 0 +	
04718		XA316	64									DXDOOTD	02	DXDOOTD	01	2	MUX	D4	30A		
04719		XA315	55		XA316	71			16B	9		DXDO1TA	01	DXDO1TA	00	1	MUX	D1	27B	MUX-DATA ITR 0 +	
04720		XA316	71									DXDO1TA	02	DXDO1TA	01	2	MUX	E1	33B		
04721		XA316	77		XA315	61			16B	9		DXDO1TB	01	DXDB4TB	01	2	MUX	E2	36B		
04722		XA315	61									DXDO1TB	02	DXDO1TB	00	1	MUX	D2	31B	MUX-DATA ITR 0 +	
04723		XA315	60		XA316	72			16B	9		DXDO1TC	01	DXDO1TC	00	1	MUX	D3	28A	MUX -DATA ITR 0 +	
04724		XA316	72									DXDO1TC	02	DXDB4TC	01	2	MUX	E3	35A		
04725		XA316	78		XA315	63			16B	9		DXDO1TD	01	DXDB4TD	01	2	MUX	E4	38A		
04726		XA315	63									DXDO1TD	02	DXDO1TD	00	1	MUX	D4	31A	MUX-DATA ITR 0 +	
04727		XA305	70		XA308	47			16B	9		DXEAOA	01	DXXREN	01	1	TDD	JN	33A		
04728		XA308	47		XA310	40			16B	9		DXEAOA	02	DXEAOA	00	1	TD4	D1	25B		
04729		XA310	40		XA310	56			16B	9		DXEAOA	03	DXEAO0	01	1	TQ2	C1	19A		
04730		XA310	56									DXEAOA	04	DXENAS	01	2	TQ2	D1	26A		
04731		XA106	11		XA224	34			16B	9		DXEAO0	01	DRTDEA	01	1	TQ2	A4	05B		
04732		XA224	34		XA314	56			16B	9		DXEAO0	02	DLTEOA	01	1	TQ2	C2	16A		
04733		XA314	56		XA310	38			16B	9		DXEAO0	03	DXXDIA	01	2	TQ2	D1	26A		
04734		XA310	38		XA309	26			16B	9		DXEAO0	04	DXEAO0	00	1	TQ2	C1	18A		809
11191		XA309	26									DXEAO0	05	DBREQN	01	1	TDD	CN	14A		809
04735		XA305	39		XA311	15			16B	9		DXEBOA	01	DXEBOQ	01	1	TDD	EQ	19B		
04736		XA311	15									DXEBOA	02	DXEBOA	00	1	TT3	A3	07B		809
04738		XA306	54		XA305	37			16B	9		DXEBOQ	01	DXEB1I	01	1	TDD	GI	25A		
04739		XA305	37		XA111	49			16B	9		DXEBOQ	02	DXEBOQ	00	1	TDD	EQ	18B	EOB SYNC COUNTER	809
04748		XA111	49									DXEBOQ	03	DRRE3A	01	2	TQ2	D4	26B		809
04740		XA305	42		XA314	30			16B	9		DXEB1A	01	DXEB0N	01	1	TDD	FN	20A		
04741		XA314	30									DXEB1A	02	DXEB1A	00	1	TQ2	C2	15A		
04742		XA314	34		XA306	49			16B	9		DXEB1Q	01	DXEB1A	01	1	TQ2	C2	16A		
04743		XA306	49									DXEB1Q	02	DXEB1Q	00	1	TDD	GQ	26B	EOB SYNC COUNTER	
04744		XA308	45		XA310	54			16B	9		DXENAR	01	DXENAR	00	1	TD4	D2	24B		
04745		XA310	54									DXENAR	02	DXENAS	01	1	TQ2	D1	25A		
										****	SIGNAL	DXENAS	IS ON THE NEXT PAGE				****				

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04746		XA310	52							16B	9		DXENAS	01	DXENAS	00	1	TQ2	D1		24A	ENABLE STORE F/F		
04747		XA308	43			XA308	43						DXENAS	02	DXENAR	01	1	TD4	D2		23B			
04749		XA311	13							16B	9		DXE0B0	02	DXE0B0A	01	3	TT3	A3		06B	EOB PULSE		
04750		XA314	09			XA314	09						DXE0B0	03	DXE0B0	00	1	TQ2	A3		04B			
04751		XA305	18							16B	9		DXGN1A	01	DXIRO1	01	1	TDD	DI		10A			
04752		XA305	40			XA301	52			16B	9		DXGN1A	02	DXEBO1	01	1	TDD	EI		19A			
04753		XA301	52							16B	9		DXGN1A	03	DXGN1A	00	1	TQ2	D1		24A			
04754		XA305	77							16B	9		DXGN1A	04	DXSTO1	01	1	TDD	LI		38B			
04755		XA322	72							16B	9		DXGN1A	05	DXASTDX	01	1	DCF	D5		36A			
04756		XA322	54							16B	9		DXGN1A	06	DXBDMOX	01	1	DCF	C6		30A			
04757		XA322	50							16B	9		DXGN1A	07	DXBENOX	01	1	DCF	C8		28A			
04758		XA321	50							16B	9		DXGN1A	08	DXAENOX	01	1	DCF	C8		28A			
04759		XA321	54							16B	9		DXGN1A	09	DXACMOX	01	1	DCF	C6		30A			
04760		XA334	71							16B	9		DXGN4A	01	DXXRCI	01	1	TDD	MI		36A			
04761		XA313	63							16B	9		DXGN4A	02	DXS471U	01	5	DBC	D1		31A			
04762		XA313	50							16B	9		DXGN4A	03	DXS031U	01	5	DBC	C1		24A	A02		
05245		XA307	54							16B	9		DXGN4A	04	DXXDI1	01	1	TDD	GI		25A			
04764		XA306	40							16B	9		DXGN4A	05	DXXDDI	01	1	TDD	EI		19A			
04765		XA307	71							16B	9		DXGN4A	06	DXXDSI	01	1	TDD	MI		36A			
04766		XA306	71							16B	9		DXGN4A	07	DXXCII	01	1	TDD	MI		36A			
04767		XA305	68							16B	9		DXGN4A	08	DXXREI	01	1	TDD	JI		32A			
04768		XA301	46							16B	9		DXGN4A	09	DXGN4A	00	1	TQ2	D2		21A			
04769		XA317	52							16B	9		DXGN5A	01	DXD00TA	01	3	MUX	D1		25A			
04770		XA315	52							16B	9		DXGN5A	02	DXD01TA	01	3	MUX	D1		25A			
04771		XA313	61							16B	9		DXGN5A	03	DXS473U	01	1	DBC	O3		31B			
04772		XA313	47							16B	9		DXGN5A	04	DXS033U	01	1	DBC	C3		23A			
04773		XA301	45							16B	9		DXGN5A	05	DXGN5A	00	1	TQ2	D3		24B			
04774		XA313	64							16B	9		DXGN6A	01	DXS474U	01	1	DBC	D4		30A			
04775		XA313	48							16B	9		DXGN6A	02	DXS034U	01	1	DBC	C4		22A			
04776		XA301	51							16B	9		DXGN6A	03	DXGN6A	00	1	TQ2	D4		27B			
04777		XA314	01							16B	9		DXHST0	01	DXHST0	00	1	TQ2	A2		02B			
04778		XA311	26										DXHST0	02	DXHS0A	01	3	TT3	B1		14A			
04779		XA310	47							16B	9		DXHS0A	01	DXST20	01	1	TQ2	D4		25B			
04780		XA311	20										DXHS0A	02	DXHS0A	00	1	TT3	B1		11A			
04781		XA314	80							16B	9		DXINHR	01	DXINHR	00	1	TQ2	F4		39A			
04782		XA311	75							16B	9		DXINHR	02	DXINHS	01	1	TT3	F1		37B			
04783		XA311	48							16B	9		DXINHR	03	DXXDIR	01	3	TT3	D2		22A			
04784		XA308	24							16B	9		DXINHR	04	DXARQA	01	2	TD4	B1		13A			
04785		XA308	18							16B	9		DXINHR	05	DXBRQA	01	2	TD4	B2		10A			
04786		XA308	08							16B	9		DXINHR	06	DXA0EA	01	2	TD4	A1		06A			
04787		XA308	04							16B	9		DXINHR	07	DXBOEA	01	2	TD4	A2		04A	B09		
01013		XA111	36							16B	9		DXINHR	08	DXACRO	01	2	TQ2	C2		17A			
										****			SIGNAL		DXINHR			IS ON THE				NEXT PAGE	****	

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RECORD NUMBER	PREFIX	CONNECTOR	PIN	SIN PC	PREFIX	CONNECTOR	PIN	SIN PC	WIRE			SPEC INST	SIGNAL	SEQ NO	EQUATION	TERM	FACTOR	CKT OR CHIP TYPE	GROUP	LOAD OR POWER PLANE	TEST POINTS		SIGNAL DESCRIPTION	ECO NO
									MULTI GROUP	CODE	COLOR										IDENT	AND		
04866		XA302	19		XA302	20				16B	9		DXRRSA	05	DXR6CR	01	2	TQ2	B3		09B			
04867		XA302	20		XA302	26				16B	9		DXRRSA	06	DXR5CR	01	2	TQ2	B2		11A			
04868		XA302	26		XA302	25				16B	9		DXRRSA	07	DXR4CR	01	2	TQ2	B1		14A			
04869		XA302	25		XA302	31				16B	9		DXRRSA	08	DXR7CR	01	2	TQ2	B4		12B			
04870		XA302	31		XA302	36				16B	9		DXRRSA	09	DXRENR	01	2	TQ2	C3		15B			
04871		XA302	36		XA302	42				16B	9		DXRRSA	10	DXRCMR	01	2	TQ2	C2		17A			
04872		XA302	42		XA301	39				16B	9		DXRRSA	11	DXRPCR	01	2	TQ2	C1		20A			
04873		XA301	39		XA301	39				16B	9		DXRRSA	12	DXRRSA	00	1	TQ2	C4		19B		I/O INPUT REG RES	
04874		XA301	35		XA302	39				16B	9		DXRRSO	01	DXRRSA	01	1	TQ2	C4		17B			
04875		XA302	39										DXRRSO	02	DXRRSO	00	1	TQ2	C4		19B			
04876		XA301	80									J	DXRSAA	01	DXRSAA	00	1	TQ2	F4		39A		DXRS2B BUSS	
04877		XA310	60									J	DXRSA	01	DXRSA	00	1	TQ2	E2		28A		DXRS0B BUSS	
07602		XA328	71		XA334	73				16B	9		DXRS0B	00	DTCCLO	01	1	TD4	F2		36A			
04878		XA334	73		XA311	79				16B	9		DXRS0B	01	DXRCP	01	1	TDD	MP		36B			
04879		XA311	79		XA311	65				16B	9		DXRS0B	02	DXINHS	01	3	TT3	F1		39B			
04880		XA311	65		XA310	60				16B	9		DXRS0B	03	DXIN0A	01	1	TT3	F2		34B			
04881		XA310	60		XA310	57				16B	9	P	DXRSA	04	DXRS0B	01	1	TQ2	E2		28A			
04882		XA310	57		XA310	63				16B	9	P	DXRS1A	05	DXRS0B	02	1	TQ2	E3		30B			
04883		XA310	63		XA308	64				16B	9		DXRS2A	06	DXRS0B	03	1	TQ2	E4		33B			
04884		XA308	64		XA307	73				16B	9		DXRS0B	07	DXCMAR	01	4	TD4	E2		30A			
04885		XA307	73		XA306	73				16B	9		DXRS0B	08	DXXDSP	01	1	TDD	MP		36B			
04886		XA306	73		XA305	66				16B	9		DXRS0B	09	DXXCIP	01	1	TDD	MP		36B			
04887		XA305	66		XA305	65				16B	9		DXRS0B	10	DXXREP	01	1	TDD	JP		31A			
04888		XA305	65		XA306	52				16B	9		DXRS0B	11	DXXACQ	01	1	TDD	MQ		34B			
04889		XA306	52		XA307	50				16B	9		DXRS0B	12	DXEB1P	01	1	TDD	GP		24A			
04890		XA307	50		XA308	50				16B	9		DXRS0B	13	DXIR1P	01	1	TDD	HP		23A			
04891		XA308	50		XA307	52				16B	9		DXRS0B	14	DXENAR	01	4	TD4	D2		23A		A02	
05212		XA307	52		XA306	38				16B	9		DXRS0B	15	DXXDIP	01	1	TDD	GP		24A		A02	
04893		XA306	38		XA305	38				16B	9		DXRS0B	16	DXXDIP	01	1	TDD	EP		18A			
04894		XA305	38		XA305	20				16B	9		DXRS0B	17	DXEB0P	01	1	TDD	EP		18A			
04895		XA305	20		XA311	18				16B	9		DXRS0B	18	DXIROP	01	1	TDD	DP		11A			
04896		XA311	18		XA312	20				16B	9		DXRS0B	19	DXOFRR	01	3	TT3	B2		10A			
04897		XA312	20		XA312	26				16B	9		DXRS0B	20	DXDEV	01	4	TD4	B2		11A			
04898		XA312	26		XA302	37				16B	9		DXRS0B	21	DXDVSR	01	4	TD4	B1		14A			
04899		XA302	37		XA105	61				16B	9		DXRS0B	22	DXRRSO	01	2	TQ2	C4		18B			
04900		XA105	61		XA109	04				16B	9		DXRS0B	23	DXRBCO	01	3	TT3	E3		32B			
04902		XA109	04									K	DXRS0B	25	DRRE10	01	2	TS8	A1		04A			
58493		XA328	71	3	XA109	04		3		16B	9		DXRS0B	26	DTCCLO			TD4	E2		36A			
58494		XA109	04										DXRS0B	27	DRRE10			TS8	A1		04A			
04905		XA310	53		XA310	59				16B	9		DXRS00	01	DXRS1A	01	1	TQ2	E3		28B			
04906		XA310	59		XA310	62				16B	9		DXRS00	02	DXRS2A	01	1	TQ2	E4		31B			
04907		XA310	62		XA310	65				16B	9		DXRS00	03	DXRSA	01	1	TQ2	E2		29A			
04908		XA310	65		XA310	71				16B	9		DXRS00	04	DXRS5A	01	1	TQ2	E3		34B			
04909		XA310	71		XA310	77				16B	9		DXRS00	05	DXRS4A	01	1	TQ2	F2		36A			
04910		XA310	77		XA310	76				16B	9		DXRS00	06	DXRS3A	01	1	TQ2	F1		38B			
										****			SIGNAL	DXRS00	IS ON THE			NEXT PAGE	****					

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04827		XA104	70		XA211	73				16B	9		DXRA40	01	DXRA40	00	1	THI	F3		34B	CODE FOR DEV BOOT			
04828		XA211	73										DXRA40	02	DBTSSA	01	2	TQ2	F2		36B				
07974		XA112	57		XA104	72				16B	9		DXRA60	01	DMMCPA	01	1	TT3	E3		30B	D08			
04830		XA104	72		XA103	08				16B	9		DXRA60	02	DXRA60	00	1	THI	F4		34A	DECODE FOR D.M.A.			
04831		XA103	08										DXRA60	03	DTCWFA	01	1	TQ2	A1		06A				
04832		XA212	23		XA212	40				16B	9		DXRA70	01	DITOCA	01	2	TT3	B3		11B				
04833		XA212	40		XA314	72				16B	9		DXRA70	02	DIT1CA	01	2	TT3	C1		19A				
04834		XA314	72		XA328	52				16B	9		DXRA70	03	DXRA70	00	1	TQ2	F2		34A	DEV CODE LOAD ITB			
04835		XA328	52		XA328	38				16B	9		DXRA70	04	DIT1SA	01	2	TD4	D1		24A				
04836		XA328	38										DXRA70	05	DIT0SA	01	2	TD4	C1		18A				
04837		XA104	74		XA109	75				16B	9		DXRBF6T	01	DXRA60	01	1	THI	F4		35A	CODE			
04838		XA109	75		XA220	25				16B	9		DXRBF6T	02	DVCMD0	01	5	TS8	F1		37B				
04839		XA220	25										DXRBF6T	03	DXRBF6T	00	1	DBC	B7		12B				
04840		XA308	37		XA301	34				16B	9		DXRCMR	01	DXXADD	01	1	TD4	C1		18B				
04841		XA301	34		XA302	30				16B	9		DXRCMR	02	DXRCMS	01	1	TQ2	C2		16A				
04842		XA302	30		XA105	57				16B	9		DXRCMR	03	DXRCMR	00	1	TQ2	C2		15A				
04843		XA105	57										DXRCMR	04	DXXBCC	01	1	TT3	E3		30B				
04844		XA301	30		XA302	34				16B	9		DXRCMS	01	DXRCMS	00	1	TQ2	C2		15A	I/O INPUT REG COM			
04845		XA302	34		XA308	66				16B	9		DXRCMS	02	DXRCMR	01	1	TQ2	C2		16A				
04846		XA308	66										DXRCMS	03	DXCAOA	01	2	TD4	E1		31A	809			
04848		XA105	59		XA301	29				16B	9		DXRENR	01	DXXBCC	01	2	TT3	E3		31B				
04849		XA301	29		XA302	33				16B	9		DXRENR	02	DXRENS	01	1	TQ2	C3		14B				
04850		XA302	33		XA308	38				16B	9		DXRENR	03	DXRENR	00	1	TQ2	C3		16B				
04851		XA308	38										DXRENR	04	DXXADD	01	2	TD4	C1		18A				
04852		XA301	33		XA302	29				16B	9		DXRENS	01	DXRENS	00	1	TQ2	C3		16B	I/O INPUT REG ENA			
04853		XA302	29		XA308	52				16B	9		DXRENS	02	DXRENR	01	1	TQ2	C3		14B				
04854		XA308	52										DXRENS	03	DXEAOA	01	2	TD4	D1		24A				
04855		XA301	40		XA302	38				16B	9		DXRPCR	01	DXRPCS	01	1	TQ2	C1		19A				
04856		XA302	38		XA308	40				16B	9		DXRPCR	02	DXRPCR	00	1	TQ2	C1		18A				
04857		XA308	40										DXRPCR	03	DXXADD	01	3	TD4	C1		19A				
04858		XA301	38		XA302	40				16B	9		DXRPCS	01	DXRPCS	00	1	TQ2	C1		18A	I/O INPUT REG PAR			
04859		XA302	40		XA304	50				16B	9		DXRPCS	02	DXRPCR	01	1	TQ2	C1		19A				
04860		XA304	50		XA226	11				16B	9		DXRPCS	03	DXCA1A	01	5	TS8	D1		23A				
04861		XA226	11										DXRPCS	04	DXROPPR	02	1	PAR	A1		07B				
04862		XA302	10		XA302	05				16B	9		DXRRSA	01	DXROCR	01	2	TQ2	A1		07A				
04863		XA302	05		XA302	07				16B	9		DXRRSA	02	DXR1CR	01	2	TQ2	A2		03B				
04864		XA302	07		XA302	13				16B	9		DXRRSA	03	DXR2CR	01	2	TQ2	A3		03A				
04865		XA302	13		XA302	19				16B	9		DXRRSA	04	DXR3CR	01	2	TQ2	A4		06B				
													***	SIGNAL	DXRRSA	IS ON THE NEXT PAGE				****					

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	PREFIX	CONNECTOR	PIN	PREFIX	CONNECTOR	PIN	MULTI-GROUP	CODE	COLOR											
04911		XA310	76		XA301	76			168	9								37A		
04912		XA301	76		XA301	77			168	9								37A		
04913		XA301	77		XA301	71			168	9								38B		
04914		XA301	71		XA301	65			168	9								36A		
04915		XA301	65		XA304	23			168	9								34B		
04916		XA304	23															11B	CONTROLLER MASTER	
04917		XA310	57															30B	DXRS0B BUSS	
04918		XA106	48		XA111	19			168	9								22A		
04921		XA111	19		XA112	01			168	9								09B		D02
07924		XA112	01		XA210	04			168	9								02B		D02
04924		XA210	04		XA211	03			168	9								04A		
04829		XA211	03		XA211	11			168	9								02A		
04925		XA211	11		XA210	22			168	9								05B		
04926		XA210	22		XA208	36			168	9								12A		
04927		XA208	36		XA207	38			168	9								17A		
04928		XA207	38		XA206	35			168	9								18A		
04929		XA206	35		XA209	64			168	9								16B		
04931		XA209	64		XA310	72			168	9								30A		
04933		XA310	72		XA310	69			168	9								34A		
04934		XA310	69		XA310	75			168	9								35A		
04935		XA310	75		XA310	80			168	9								37B		
04936		XA310	80		XA223	53			168	9								39A		B05
04945		XA223	53															28B		
58495		XA106	48	3	XA223	53	3		168	9								22A		
58496		XA223	53															28B		
04946		XA310	63															33B	DXRS0B BUSS	
02948		XA223	54		XA334	75			168	9								25A	CLOCK	
04948		XA334	75		XA309	22			168	9								37B		B09
11187		XA309	22		XA301	80			168	9								12A		B09
04949		XA301	80		XA301	75			168	9								39A		
04950		XA301	75		XA301	69			168	9								37B		
04951		XA301	69		XA301	72			168	9								35A		
04952		XA301	72		XA207	73			168	9								34A		
04953		XA207	73		XA211	65			168	9								36B		
04955		XA211	65		XA210	75			168	9								34B		
03052		XA210	75		XA210	17			168	9								37B		
04958		XA210	17		XA208	06			168	9								08B	MEMORY RESET FF	
03993		XA208	06		XA112	48			168	9								05A		C10
07965		XA112	48		XA111	54			168	9								22A		C10
04959		XA111	54		XA224	18			168	9								25A		B09
04961		XA224	18		XA314	11			168	9								10A		
02519		XA314	11															05B		
58497		XA223	54	3	XA314	11	3		168	9								25A		
58498		XA314	11															05B		
04962		XA310	75															37B	DXRS1B BUSS	

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																				AND	OR				
04963		XA310	72									J DXRS4A	01	DXRS4A	00	1	TQ2	F2		34A		DXRS1B BUSS			
04964		XA310	69									J DXRS5A	01	DXRS5A	00	1	TQ2	F3		35A		DXRS1B BUSS			
04965		XA310	80									J DXRS6A	01	DXRS6A	00	1	TQ2	F4		39A		DXRS1B BUSS			
04966		XA301	75									J DXRS7A	01	DXRS7A	00	1	TQ2	F1		37B		DXRS2B BUSS			
04967		XA301	72									J DXRS8A	01	DXRS8A	00	1	TQ2	F2		34A		DXRS2B BUSS			
04968		XA301	69									J DXRS9A	01	DXRS9A	00	1	TQ2	F3		35A		DXRS2B BUSS			
04969		XA301	08		XA302	06			16B	9		DXROCR	01	DXROCS	01	1	TQ2	A1			06A				
04970		XA302	06		XA304	01			16B	9		DXROCR	02	DXROCR	00	1	TQ2	A1			05A				
04971		XA304	01									DXROCR	03	DXCAC0	01	1	TS8	A1			02B				
04972		XA226	03		XA231	29			16B	9		DXROCS	01	DXROPPR	01	1	PAR	A1			03B				
04973		XA231	29		XA230	41			16B	9		DXROCS	02	DB00IA	01	1	TQ2	C3			14B				
04974		XA230	41		XA231	53			16B	9		DXROCS	03	DB16IA	01	1	TQ2	D3			22B				
04975		XA231	53		XA230	65			16B	9		DXROCS	04	DB08IA	01	1	TQ2	E3			28B				
04976		XA230	65		XA301	06			16B	9		DXROCS	05	DB24IA	01	1	TQ2	F3			34B				
04977		XA301	06		XA302	08			16B	9		DXROCS	06	DXROCS	00	1	TQ2	A1			05A		I/O INPUT REG DAT		
04978		XA302	08		XA304	52			16B	9		DXROCS	07	DXROCR	01	1	TQ2	A1			06A				
04979		XA304	52									DXROCS	08	DXCA1A	01	6	TS8	D1			24A				
04980		XA304	37		XA304	75			16B	9		DXROPA	01	DXDV1A	01	5	TS8	C1			18B				
04981		XA304	75		XA304	66			16B	9		DXROPA	02	DXDVXA	01	5	TS8	F1			37B				
04982		XA304	66		XA308	70			16B	9		DXROPA	03	DXSS0A	01	6	TS8	E1			31A				
04983		XA308	70		XA308	56			16B	9		DXROPA	04	DXCA0A	01	4	TQ4	E1			33A				
04984		XA308	56		XA310	01			16B	9		DXROPA	05	DXEA0A	01	4	TQ4	D1			26A				
04985		XA310	01									DXROPA	06	DXROPA	00	1	TQ2	A2			02B				
04986		XA311	23		XA310	04			16B	9		DXROPPR	01	DXODEA	01	2	TT3	B3			11B				
04987		XA310	04		XA226	13			16B	9		DXROPPR	02	DXROPA	01	1	TQ2	A2			04A				
04988		XA226	13									DXROPPR	03	DXROPPR	00	1	PAR	A1			07A				
04989		XA211	78		XA314	69			16B	9		DXR090	01	DLPTSA	01	2	TQ2	F4			38A				
04990		XA314	69									DXR090	02	DXR090	00	1	TQ2	F3			35A		CODE FOR LOOP TES		
04991		XA313	08		XA314	08			16B	9		DXR090T	01	DXR090T	00	1	DBC	A1			04A				
04992		XA314	08									DXR090T	02	DXDVCO	01	1	TQ2	A1			06A				
04993		XA314	04		XA313	10			16B	9		DXR091T	01	DXHSTO	01	1	TQ2	A2			04A				
04994		XA313	10									DXR091T	02	DXR091T	00	1	DBC	A2			05A				
04737		XA314	03		XA313	14			16B	9		DXR092T	01	DXE0B0	01	1	TQ2	A3			02A		809		
12129		XA313	14									DXR092T	02	DXR092T	00	1	DBC	A3			06A		809		
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	PREFIX	CONNECTOR	PIN	SH TC	PREFIX	CONNECTOR	PIN	SH TC	MULTI GROUP	CODE	COLOR	IDENT									AND	OR		
04995		XA314	24			XA313	17						DXR094T	01	DXIRCO	01	1	TQ2	B1		13A			
04996		XA313	17										DXR094T	02	DXR094T	00	1	DBC	A5		08B			
04997		XA109	71			XA313	07						DXR095T	01	DVCMDO	01	1	TS8	F1		36A			
04998		XA313	07			XA314	65						DXR095T	02	DXR095T	00	1	DBC	A6		04B			
04999		XA314	65										DXR095T	03	DXR090	01	1	TQ2	F3		34B			
05000		XA301	59			XA313	09						DXR096T	01	DXR960	01	1	TQ2	F4		31B			
05001		XA313	09			XA109	74						DXR096T	02	DXR096T	00	1	DBC	A7		05B			
05002		XA109	74										DXR096T	03	DVCMDO	01	4	TS8	F1		35B			
05003		XA314	18			XA313	11						DXR097T	01	DXSSTO	01	1	TQ2	B2		10A			
05004		XA313	11			XA109	73						DXR097T	02	DXR097T	00	1	DBC	A8		06B			
05005		XA109	73										DXR097T	03	DVCMDO	01	3	TS8	F1		36B			
05006		XA313	15			XA314	17						DXR098T	01	DXR098T	00	1	DBC	A9		07B			
05007		XA314	17										DXR098T	02	DXOFRO	01	1	TQ2	B3		08B			
05008		XA304	54			XA304	04						DXR1CR	01	DXCA1A	01	7	TS8	D1		25A			
05009		XA304	04			XA302	01						DXR1CR	02	DXXACO	01	2	TS8	A1		04A			
05010		XA302	01			XA301	04						DXR1CR	03	DXR1CR	00	1	TQ2	A2		02B			
05011		XA301	04										DXR1CR	04	DXR1CS	01	1	TQ2	A2		04A			
05012		XA301	01			XA302	04						DXR1CS	01	DXR1CS	00	1	TQ2	A2		02B	I/O INPUT REG DAT		
05013		XA302	04			XA230	76						DXR1CS	02	DXR1CR	01	1	TQ2	A2		04A			
05014		XA230	76			XA231	59						DXR1CS	03	DB25IA	01	1	TQ2	F4		37A			
05015		XA231	59			XA230	47						DXR1CS	04	DB09IA	01	1	TQ2	E4		31B			
05016		XA230	47			XA231	35						DXR1CS	05	DB17IA	01	1	TQ2	D4		25B			
05017		XA231	35			XA226	05						DXR1CS	06	DB01IA	01	1	TQ2	C4		17B			
05018		XA226	05										DXR1CS	07	DXR0PPR	01	2	PAR	A1		04B			
05019		XA212	25			XA301	03						DXR2CR	01	DIT0CA	01	3	TT3	B3		12B			
05020		XA301	03			XA302	09						DXR2CR	02	DXR2CS	01	1	TQ2	A3		02A			
05021		XA302	09			XA304	05						DXR2CR	03	DXR2CR	00	1	TQ2	A3		04B			
05022		XA304	05			XA304	56						DXR2CR	04	DXXACO	01	3	TS8	A1		03B			
05023		XA304	56										DXR2CR	05	DXCA1A	01	8	TS8	D1		26A			
05025		XA223	08			XA226	07						DXR2CS	01	DB26IA	01	1	TQ2	A1		06A			
05026		XA226	07			XA231	54						DXR2CS	02	DXR0PPR	01	3	PAR	A1		05B			
05027		XA231	54			XA230	68						DXR2CS	03	DB02IA	01	1	TQ2	D1		25A			
05028		XA230	68			XA231	77						DXR2CS	04	DB18IA	01	1	TQ2	E1		32A			
05029		XA231	77			XA328	40						DXR2CS	05	DB10IA	01	1	TQ2	F1		38B			
05030		XA328	40			XA301	09						DXR2CS	06	DIT0SA	01	3	TD4	C1		19A			
05031		XA301	09			XA302	03						DXR2CS	07	DXR2CS	00	1	TQ2	A3		04B	I/O INPUT REG DAT		
05032		XA302	03										DXR2CS	08	DXR2CR	01	1	TQ2	A3		02A			
05034		XA212	42			XA304	06						DXR3CR	02	DIT1CA	01	3	TT3	C1		20A			
05035		XA304	06			XA302	15						DXR3CR	03	DXXACO	01	4	TS8	A1		05A			
05036		XA302	15			XA301	11						DXR3CR	04	DXR3CR	00	1	TQ2	A4		07B			
05037		XA301	11										DXR3CR	05	DXR3CS	01	1	TQ2	A4		05B			

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149017-800
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	PREFIX	CONNECTOR	PIN	SLC	PREFIX	CONNECTOR	PIN	SLC	SH TC	MULTI GROUP	CODE	COLOR												IDENT	SPEC INST	
05033		XA328	42		XA328	54					16B	9		DXR3CS	005	DIT0SA	01	4	TD4	C1		20A				
05038		XA328	54		XA231	71					16B	9		DXR3CS	01	DIT1SA	01	3	TD4	D1		25A				
05039		XA231	71		XA230	62					16B	9		DXR3CS	02	DB11IA	01	1	TQ2	F2		36A				
05040		XA230	62		XA231	48					16B	9		DXR3CS	03	DB19IA	01	1	TQ2	F2		29A				
05041		XA231	48		XA226	09					16B	9		DXR3CS	04	DB03IA	01	1	TQ2	D2		22A				
05042		XA226	09		XA223	04					16B	9		DXR3CS	05	DXROP PR	01	4	PAR	A1		06B				
05043		XA223	04		XA104	76					16B	9		DXR3CS	06	DB27IA	01	1	TQ2	A2		04A				
05044		XA104	76		XA302	11					16B	9		DXR3CS	07	DXDEVA	01	1	THI	F5		37A				
05045		XA302	11		XA301	15					16B	9		DXR3CS	08	DXR3CR	01	1	TQ2	A4		05B				
05046		XA301	15											DXR3CS	09	DXR3CS	00	1	TQ2	A4		07B	I/O INPUT REG DAT			
05047		XA220	21		XA313	21					16B	9		DXR4CR	01	DXRBF3T	01	1	DBC	B4		10B				
05048		XA313	21		XA304	07					16B	9		DXR4CR	02	DXRAF3T	01	1	DBC	B4		10B				
05049		XA304	07		XA302	22					16B	9		DXR4CR	03	DXXACO	01	5	TS8	A1		03A				
05050		XA302	22		XA301	24					16B	9		DXR4CR	04	DXR4CR	00	1	TQ2	B1		12A				
05051		XA301	24											DXR4CR	05	DXR4CS	01	1	TQ2	B1		13A				
05052		XA223	03		XA226	10					16B	9		DXR4CS	01	DB28IA	01	1	TQ2	A3		02A				
05053		XA226	10		XA231	41					16B	9		DXR4CS	02	DXROP PR	01	5	PAR	A1		05A				
05054		XA231	41		XA230	53					16B	9		DXR4CS	03	DB04IA	01	1	TQ2	D3		22B				
05055		XA230	53		XA231	65					16B	9		DXR4CS	04	DB20IA	01	1	TQ2	E3		28B				
05056		XA231	65		XA313	05					16B	9		DXR4CS	05	DB12IA	01	1	TQ2	F3		34B				
05057		XA313	05		XA301	22					16B	9		DXR4CS	06	DXR093T	01	1	DBC	A4		03B				
05058		XA301	22		XA302	24					16B	9		DXR4CS	07	DXR4CS	00	1	TQ2	B1		12A	I/O INPUT REG DAT			
05059		XA302	24		XA303	65					16B	9		DXR4CS	08	DXR4CR	01	1	TQ2	B1		13A				
05060		XA303	65											DXR4CS	09	DXAD0A	01	1	TQ2	F3		34B				
05061		XA304	08		XA302	14					16B	9		DXR5CR	01	DXXACO	01	6	TS8	A1		06A				
05062		XA302	14		XA301	18					16B	9		DXR5CR	02	DXR5CR	00	1	TQ2	B2		09A				
05063		XA301	18											DXR5CR	03	DXR5CS	01	1	TQ2	B2		10A				
05064		XA231	76		XA230	59					16B	9		DXR5CS	01	DB13IA	01	1	TQ2	F4		37A				
05065		XA230	59		XA231	47					16B	9		DXR5CS	02	DB21IA	01	1	TQ2	E4		31B				
05066		XA231	47		XA226	08					16B	9		DXR5CS	03	DB05IA	01	1	TQ2	D4		25B				
05067		XA226	08		XA223	11					16B	9		DXR5CS	04	DXROP PR	01	6	PAR	A1		04A				
05068		XA223	11		XA220	19					16B	9		DXR5CS	05	DB29IA	01	1	TQ2	A4		05B				
05069		XA220	19		XA313	03					16B	9		DXR5CS	06	DXRBF2T	01	1	DBC	B3		09B				
05070		XA313	03		XA313	19					16B	9		DXR5CS	07	DXR092T	01	1	DBC	A3		02B				
05071		XA313	19		XA301	14					16B	9		DXR5CS	08	DXRAF2T	01	1	DBC	B3		09B				
05072		XA301	14		XA302	18					16B	9		DXR5CS	09	DXR5CS	00	1	TQ2	B2		05A	I/O INPUT REG DAT			
05073		XA302	18		XA303	76					16B	9		DXR5CS	10	DXR5CR	01	1	TQ2	B2		10A				
05074		XA303	76											DXR5CS	11	DXAD1A	01	1	TQ2	F4		37A				
05075		XA304	10		XA302	21					16B	9		DXR6CR	01	DXXACO	01	7	TS8	A1		07A				
05076		XA302	21		XA301	17					16B	9		DXR6CR	02	DXR6CR	00	1	TQ2	B3		10B				
05077		XA301	17											DXR6CR	03	DXR6CS	01	1	TQ2	B3		08B				
05078		XA301	21		XA302	17					16B	9		DXR6CS	01	DXR6CS	00	1	TQ2	B3		10B	I/O INPUT REG DAT			
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149017-800 STRING
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	PREFIX	CONNECTOR	PIN	SH	PREFIX	CONNECTOR	PIN	SH	MULTI GROUP	CODE	COLOR	IDENT											
05079		XA302	17		XA313	22				16B	9		DXR6CS	02	DXR6CR	01	1	TQ2	B3		08B		
05080		XA313	22		XA313	06				16B	9		DXR6CS	03	DXRAF1T	01	1	DBC	B2		11A		
05081		XA313	06		XA220	22				16B	9		DXR6CS	04	DXR091T	01	1	DBC	A2		03A		
05082		XA220	22		XA223	24				16B	9		DXR6CS	05	DXRBF1T	01	1	DBC	B2		11A		
05083		XA223	24		XA226	06				16B	9		DXR6CS	06	DB301A	01	1	TQ2	B1		13A		
05084		XA226	06		XA230	54				16B	9		DXR6CS	07	DXROP PR	01	7	PAR	A1		03A		
05085		XA230	54		XA231	68				16B	9		DXR6CS	08	DB141A	01	1	TQ2	D1		25A		
05086		XA231	68		XA230	77				16B	9		DXR6CS	09	DB061A	01	1	TQ2	F1		32A		
05087		XA230	77										DXR6CS	10	DB221A	01	1	TQ2	F1		38B		
05088		XA304	13		XA302	27				16B	9		DXR7CR	01	DXXACO	01	8	TS8	A1		06B		
05089		XA302	27		XA301	23				16B	9		DXR7CR	02	DXR7CR	00	1	TQ2	B4		13B		
05090		XA301	23										DXR7CR	03	DXR7CS	01	1	TQ2	B4		11B		
05091		XA301	27		XA302	23				16B	9		DXR7CS	01	DXR7CS	00	1	TQ2	B4		13B	I/O INPUT REG DAT	
05092		XA302	23		XA313	20				16B	9		DXR7CS	02	DXR7CR	01	1	TQ2	B4		11B		
05093		XA313	20		XA313	04				16B	9		DXR7CS	03	DXRAF0T	01	1	DBC	B1		10A		
05094		XA313	04		XA220	20				16B	9		DXR7CS	04	DXR090T	01	1	DBC	A1		02A		
05095		XA220	20		XA223	18				16B	9		DXR7CS	05	DXRBF0T	01	1	DBC	B1		10A		
05096		XA223	18		XA226	04				16B	9		DXR7CS	06	DB311A	01	1	TQ2	B2		10A		
05097		XA226	04		XA230	48				16B	9		DXR7CS	07	DXROP PR	01	8	PAR	A1		02A		
05098		XA230	48		XA231	62				16B	9		DXR7CS	08	DB151A	01	1	TQ2	D2		22A		
05099		XA231	62		XA230	71				16B	9		DXR7CS	09	DB071A	01	1	TQ2	E2		29A		
05100		XA230	71										DXR7CS	10	DB231A	01	1	TQ2	F2		36A		
05101		XA106	43		XA301	63				16B	9		DXR960	01	DSTOPA	01	2	TQ2	D3		23B		
05102		XA301	63										DXR960	02	DXR960	00	1	TQ2	E4		33B	CODE FOR DEV STOP	
05103		XA310	29		XA314	46				16B	9		DXSK0A	01	DXSK00	01	1	TQ2	C3		14B		
05104		XA314	46										DXSK0A	02	DXSK0A	00	1	TQ2	D2		21A		
05105		XA313	51		XA313	37				16B	9		DXSK00	01	DXS472U	01	1	DBC	D2		25B		
05106		XA313	37		XA310	33				16B	9		DXSK00	02	DXS032U	01	1	DBC	C2		17B		
05107		XA310	33										DXSK00	03	DXSK00	00	1	TQ2	C3		16B	STATUS REG CLOCK	
05108		XA304	64		XA314	14				16B	9		DXSST0	01	DXSS0A	01	5	TS8	F1		30A		
05109		XA314	14										DXSST0	02	DXSST0	00	1	TQ2	B2		09A		
05110		XA312	77		XA310	49				16B	9		DXSS0A	01	DXXC10	01	2	TD4	F1		38B		
05111		XA310	49		XA304	59				16B	9		DXSS0A	02	DXST20	01	2	TQ2	D4		26B		
05112		XA304	59										DXSS0A	03	DXSS0A	00	1	TS8	E1		31B		
05113		XA306	77		XA305	78				16B	9		DXST0Q	01	DXST11	01	1	TDD	LI		38B		
05114		XA305	78										DXST0Q	02	DXST0Q	00	1	TDD	LQ		38A	STOP SYNC COUNTER	
05115		XA303	75		XA305	79				16B	9		DXST1A	01	DXST1A	00	1	TQ2	F1		37B		
05116		XA305	79		XA304	14				16B	9		DXST1A	02	DXSTON	01	1	TDD	LN		39B		
05117		XA304	14										DXST1A	03	DXRS00	01	1	TS8	B1		09A		
05118		XA303	77		XA306	78				16B	9		DXST1Q	01	DXST1A	01	1	TQ2	F1		38B		
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149017-800
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	PREFIX	CONNECTOR	PIN	SH TO	PREFIX	CONNECTOR	PIN	SH TO	MULT GROUP	CODE	COLOR	IDENY									AND	OR		
05119		XA306	78										DXST1Q	02	DXST1Q	00	1	TDD	LQ		38A	STOP SYNC COUNTER		
05120		XA305	80		XA303	72			16B	9			DXST2A	01	DXST0Q	01	1	TDD	LQ		39A			
05121		XA303	72										DXST2A	02	DXST2A	00	1	TQ2	F2		34A			
05122		XA310	51		XA303	71			16B	9			DXST20	01	DXST20	00	1	TQ2	D4		27B			
05123		XA303	71										DXST20	02	DXST2A	01	1	TQ2	F2		36A			
05124		XA226	17		XA322	11			16B	9			DXS031U	01	DXDSBPR	01	1	PAR	B1		09B			
05125		XA322	11		XA321	11			16B	9			DXS031U	02	DXB0C0X	01	1	DCF	A2		04B			
05126		XA321	11		XA313	38			16B	9			DXS031U	03	DXA0C0X	01	1	DCF	A2		04B			
05127		XA313	38										DXS031U	04	DXS031U	00	1	DBC	C1		18A			
05128		XA313	40		XA321	13			16B	9			DXS032U	01	DXS032U	00	1	DBC	C2		19A			
05129		XA321	13		XA322	13			16B	9			DXS032U	02	DXA1C0X	01	1	DCF	A4		05B			
05130		XA322	13		XA226	19			16B	9			DXS032U	03	DXB1C0X	01	1	DCF	A4		05B			
05131		XA226	19										DXS032U	04	DXDSBPR	01	2	PAR	B1		10B			
05132		XA226	21		XA322	08			16B	9			DXS033U	01	DXDSBPR	01	3	PAR	B1		11B			
05133		XA322	08		XA321	08			16B	9			DXS033U	02	DXB2C0X	01	1	DCF	A6		06A			
05134		XA321	08		XA313	42			16B	9			DXS033U	03	DXA2C0X	01	1	DCF	A6		06A			
05135		XA313	42										DXS033U	04	DXS033U	00	1	DBC	C3		20A			
05136		XA313	46		XA321	04			16B	9			DXS034U	01	DXS034U	00	1	DBC	C4		21A			
05137		XA321	04		XA322	04			16B	9			DXS034U	02	DXA3C0X	01	1	DCF	A8		04A			
05138		XA322	04		XA226	23			16B	9			DXS034U	03	DXB3C0X	01	1	DCF	A8		04A			
05139		XA226	23										DXS034U	04	DXDSBPR	01	4	PAR	B1		12B			
05140		XA226	24		XA322	31			16B	9			DXS471U	01	DXDSBPR	01	5	PAR	B1		12A			
05141		XA322	31		XA321	31			16B	9			DXS471U	02	DXB4C0X	01	1	DCF	B2		12B			
05142		XA321	31		XA313	54			16B	9			DXS471U	03	DXA4C0X	01	1	DCF	B2		12B			
05143		XA313	54										DXS471U	04	DXS471U	00	1	DBC	D1		26A			
05144		XA313	56		XA321	33			16B	9			DXS472U	01	DXS472U	00	1	DBC	D2		28B			
05145		XA321	33		XA322	33			16B	9			DXS472U	02	DXA5C0X	01	1	DCF	B4		13B			
05146		XA322	33		XA226	22			16B	9			DXS472U	03	DXB5C0X	01	1	DCF	B4		13B			
05147		XA226	22										DXS472U	04	DXDSBPR	01	6	PAR	B1		11A			
05148		XA226	20		XA322	38			16B	9			DXS473U	01	DXDSBPR	01	7	PAR	B1		10A			
05149		XA322	38		XA321	38			16B	9			DXS473U	02	DXB6C0X	01	1	DCF	B6		14A			
05150		XA321	38		XA313	60			16B	9			DXS473U	03	DXA6C0X	01	1	DCF	B6		14A			
05151		XA313	60										DXS473U	04	DXS473U	00	1	DBC	D3		28A			
05152		XA313	62		XA321	34			16B	9			DXS474U	01	DXS474U	00	1	DBC	D4		29A			
05153		XA321	34		XA322	34			16B	9			DXS474U	02	DXA7C0X	01	1	DCF	B8		12A			
05154		XA322	34		XA226	18			16B	9			DXS474U	03	DXB7C0X	01	1	DCF	B8		12A			
05155		XA226	18										DXS474U	04	DXDSBPR	01	8	PAR	B1		09A			
05156		XA308	42		XA310	15			16B	9			DXXACA	01	DXXADO	01	4	TQ4	C1		20A			
05157		XA310	15										DXXACA	02	DXXACA	00	1	TQ2	A4		07B			

H78-14 820

DRAWING NUMBER
UNIT ASSEMBLY NAME

149017-800
CARD CAGE ASSY B,IFCU

STRING

UNIT ASSEMBLY NO.
FILE IDENT

149017
T39C1FC7

REV
DATE

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RECORD NUMBER	PREFIX	CONNECTOR	PIN	BR TO	PREFIX	CONNECTOR	PIN	MULTI GROUP	CODE	COLOR	IDENT	SFC	SIGNAL	SEQ NO	EQUATION	TERM	FACT	OR CHIP TYPE	GROUP	LOAD OR POWER PLANE	TEST POINTS AND/OR	SIGNAL DESCRIPTION	ECO NO	
05158		XA305	69																					
05159		XA306	06		XA306	06			168	9			DXXACP	01	DXXACP	00	1	TDD	MP		35A			
		XA306	06		XA306	04			168	9			DXXACP	02	DXXA1P	01	1	TDD	AP		05A			
05160		XA306	04		XA307	04			168	9			DXXACP	03	DXXA3P	01	1	TDD	BP		04A			
05161		XA307	04		XA307	06			168	9			DXXACP	04	DXXA2P	01	1	TDD	BP		04A			
05162		XA307	06										DXXACP	05	DXXA0P	01	1	TDD	AP		05A			
05163		XA310	11																					
05164		XA304	11		XA304	11			168	9			DXXACO	01	DXXACA	01	1	TQ2	A4		05B			
		XA304	11										DXXACO	02	DXXACO	00	1	TS8	A1		05B			
05165		XA305	73		XA310	22			168	9			DXXADA	01	DXXACP	01	1	TDD	MP		36B			
05166		XA310	22										DXXADA	02	DXXADA	00	1	TQ2	B1		12A	I/O STATE COUNTER		
05167		XA308	35		XA310	24			168	9			DXXADO	01	DXXADO	00	1	TD4	C1		17B			
05168		XA310	24										DXXADO	02	DXXADA	01	1	TQ2	B1		13A			
05169		XA304	73		XA304	61			168	9			DXXAOP	01	DXXVXA	01	3	TS8	F1		36B			
05170		XA304	61		XA304	48			168	9			DXXAOP	02	DXSSOA	01	3	TS8	E1		32B			
05171		XA304	48		XA304	34			168	9			DXXAOP	03	DXCA1A	01	3	TS8	D1		22A			
05172		XA304	34		XA308	34			168	9			DXXAOP	04	DXDV1A	01	3	TS8	C1		16A			
05173		XA308	34		XA307	11			168	9			DXXAOP	05	DXX05A	01	3	TD4	C2		16A			
05174		XA307	11		XA303	04			168	9			DXXAOP	06	DXXAOP	00	1	TDD	AP		05B			
05175		XA303	04										DXXAOP	07	DXXA5A	01	1	TQ2	A2		04A			
05176		XA307	13		XA306	08			168	9			DXXA0Q	01	DXXA0Q	00	1	TDD	AQ		06B	I/O STATE COUNTER		
05177		XA306	08		XA303	08			168	9			DXXA0Q	02	DXXA1I	01	1	TDD	AI		06A			
05178		XA303	08										DXXA0Q	03	DXXA4A	01	1	TQ2	A1		06A			
05179		XA303	03		XA306	11			168	9			DXXA1P	01	DXXA6A	01	1	TQ2	A3		02A			
05180		XA306	11										DXXA1P	02	DXXA1P	00	1	TDD	AP		05B			
05181		XA303	05		XA307	05			168	9			DXXA1Q	01	DXXA5A	01	2	TQ2	A2		03B			
05182		XA307	05		XA306	13			168	9			DXXA1Q	02	DXXA2I	01	1	TDD	BI		03B			
05183		XA306	13		XA308	36			168	9			DXXA1Q	03	DXXA1Q	00	1	TDD	AQ		06B	I/O STATE COUNTER		
05184		XA308	36		XA304	36			168	9			DXXA1Q	04	DXX05A	01	4	TD4	C2		17A			
05185		XA304	36		XA304	49			168	9			DXXA1Q	05	DXDV1A	01	4	TS8	D1		17A			
05186		XA304	49		XA304	62			168	9			DXXA1Q	06	DXCA1A	01	4	TS8	D1		26B			
05187		XA304	62		XA304	74			168	9			DXXA1Q	07	DXSSOA	01	4	TS8	E1		29A			
05188		XA304	74										DXXA1Q	08	DXDVXA	01	4	TS8	F1		35B			
05190		XA303	07		XA306	05			168	9			DXXA2Q	02	DXXA6A	01	2	TQ2	A3		03A			
05191		XA306	05		XA307	07			168	9			DXXA2Q	03	DXXA3I	01	1	TDD	BI		03B			
05192		XA307	07										DXXA2Q	04	DXXA2Q	00	1	TDD	BQ		03A	I/O STATE COUNTER		
05193		XA307	08		XA306	09			168	9			DXXA3P	01	DXXA0I	01	1	TDD	AI		06A			
05194		XA306	09		XA305	72			168	9			DXXA3P	02	DXXA3P	00	1	TDD	BP		04B			
05195		XA305	72										DXXA3P	03	DXXACN	01	1	TDD	MN		34A			
05189		XA104	41		XA303	10			168	9			DXXA3Q	00C	DXXBK0	01	1	THI	D4		23B			
									****				SIGNAL	DXXA3Q										

H78-14 821
DRAWING NUMBER
UNIT ASSEMBLY NAME

149017-800 STRING
CARD CAGE ASSY B,IFCU

UNIT ASSEMBLY NO. 149017
FILE IDENT T39C1FC7

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RECORD NUMBER	FROM				TO				WIRE				SIGNAL	SEQ NO	EQUATION	TERM	FACTS	CKT OR CHIP TYPE	GROUP	LOAD OR POWER PLANE	TEST POINTS AND OR	SIGNAL DESCRIPTION	ECO NO	
	PREFIX	CONNECTOR	PIN	SR TO	PREFIX	CONNECTOR	PIN	SR TO	MULTI GROUP	CODE	COLOR	IDENY												SEC INVT MISC
05271		XA303	27		XA302	53				16B	9			DXXB4A	01	DXXB4A	00	1	TQ2	B4		13B	I/O BYTE COUNTER	
05272		XA302	53											DXXB4A	02	DXXB4A	01	1	TQ2	E3		28B		
05273		XA311	35		XA302	57				16B	9			DXXB40	01	DX0D2A	01	2	TT3	C3		17B		
05274		XA302	57											DXXB40	02	DXXB40	00	1	TQ2	E3		30B		
05275		XA302	59		XA303	38				16B	9			DXXB5A	01	DXXB50	01	1	TQ2	E4		31B		
05276		XA303	38		XA308	46				16B	9			DXXB5A	02	DXXB5A	00	1	TQ2	C1		18A	I/O BYTE COUNTER	
05277		XA308	46											DXXB5A	03	DXENAR	01	2	TD4	D2		21A		
05278		XA311	54		XA302	63				16B	9			DXXB50	01	DX0D3A	01	2	TT3	D1		25A		
05279		XA302	63											DXXB50	02	DXXB50	00	1	TQ2	E4		33B		
05280		XA303	57		XA306	65				16B	9			DXXCIA	01	DXXCIA	00	1	TQ2	E3		30B		
05281		XA306	65											DXXCIA	02	DXXCIQ	01	1	TDD	MQ		34B		
05282		XA312	71		XA306	69				16B	9			DXXCIP	01	DXXCRO	01	1	TD4	F2		36A		
05283		XA306	69		XA105	75				16B	9			DXXCIP	02	DXXCIP	00	1	TDD	MP		35A		
05284		XA105	75											DXXCIP	03	DXDBIO	01	1	TT3	F1		37B		
05285		XA226	27		XA316	52				16B	9			DXXCIQ	01	DXDSBPR	02	1	PAR	B1		13B		
05286		XA316	52		XA316	68				16B	9			DXXCIQ	02	DXDBOTA	01	3	MUX	D1		25A		
05287		XA316	68		XA306	74				16B	9			DXXCIQ	03	DXDB4TA	01	3	MUX	E1		33A		
05288		XA306	74											DXXCIQ	04	DXXCIQ	00	1	TDD	MQ		35B	DEV/OPR INDICATOR	
05289		XA303	53		XA312	76				16B	9			DXXCIO	01	DXXCIA	01	1	TQ2	E3		28B		
05290		XA312	76											DXXCIO	02	DXXCIO	00	1	TD4	F1		37A	INDICATOR INPUTS	
05291		XA312	69		XA307	38				16B	9			DXXCRO	01	DXXCRO	00	1	TD4	F2		35A		
05292		XA307	38		XA307	20				16B	9			DXXCRO	02	DXXDOP	01	1	TDD	EP		18A		
05293		XA307	20		XA307	22				16B	9			DXXCRO	03	DXXC2P	01	1	TDD	DP		11A		
05294		XA307	22		XA306	22				16B	9			DXXCRO	04	DXXCOP	01	1	TDD	CP		12A		
05295		XA306	22		XA306	20				16B	9			DXXCRO	05	DXXC1P	01	1	TDD	CP		12A		
05296		XA306	20		XA305	06				16B	9			DXXCRO	06	DXXC3P	01	1	TDD	DP		11A		
05297		XA305	06		XA305	04				16B	9			DXXCRO	07	DXXC4P	01	1	TDD	AP		05A		
05298		XA305	04											DXXCRO	08	DXXD1P	01	1	TDD	BP		04A		
05299		XA314	45		XA310	48				16B	9			DXXCSA	01	DXXCSA	00	1	TQ2	D3		24B	INPUT STROBE COUN	
05300		XA310	48											DXXCSA	02	DXXCS0	01	1	TQ2	D2		22A		
05301		XA308	07		XA308	13				16B	9			DXXCS0	01	DXB0EA	01	4	TD4	A2		03A		
05302		XA308	13		XA310	46				16B	9			DXXCS0	02	DXA0EA	01	4	TD4	A1		06B		
05303		XA310	46		XA219	68				16B	9			DXXCS0	03	DXXCS0	00	1	TQ2	D2		21A		
04006		XA219	68											DXXCS0	04	DXDIRA	01	2	TT3	F1		32A		
05304		XA306	24		XA307	25				16B	9			DXXCOQ	01	DXXC1I	01	1	TDD	CI		13A		
05305		XA307	25											DXXCOQ	02	DXXCOQ	00	1	TDD	CQ		12B	INPUT STROBE COUN	
05306		XA307	18		XA306	25				16B	9			DXXC1Q	01	DXXC2I	01	1	TDD	DI		10A		
05307		XA306	25											DXXC1Q	02	DXXC1Q	00	1	TDD	CQ		12B	INPUT STROBE COUN	

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DRAWING NUMBER
UNIT ASSEMBLY NAME

149017-800 STRING
CARD CAGE ASSY B,IFCU

UNIT ASSEMBLY NO. 149017
FILE IDENT T39C1FC7

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RECORD NUMBER	FROM			TO			WIRE				SPEC. INST. MISC.	SIGNAL	SEQ NO.	EQUATION	TERM.	FACTOR	CKT OR CHIP TYPE	GROUP	LOAD OR POWER PLANE	TEST POINTS AND/OR	SIGNAL DESCRIPTION	ECO NO.	
	PREFIX	CONNECTOR	PIN	PIN	CONNECTOR	PIN	NO.	MULTI GROUP	CODE	COLOR													IDENT
05235		XA302	45		XA303	34			16B	9		DXXB00	01	DXXB00	00	1	TQ2	D3	24B				
05236		XA303	34									DXXB00	02	DXX04A	01	1	TQ2	C2	16A				
05237		XA302	47		XA303	22			16B	9		DXXB1A	01	DXXB10	01	1	TQ2	D4	25B				
05238		XA303	22									DXXB1A	02	DXXB1A	00	1	TQ2	B1	12A	I/O BYTE COUNTER			
05239		XA303	26		XA303	40			16B	9		DXXB1P	01	DXXB1A	01	2	TQ2	B1	14A				
05240		XA303	40		XA306	33			16B	9		DXXB1P	02	DXXB5A	01	1	TQ2	C1	19A				
05241		XA306	33									DXXB1P	03	DXXB1P	00	1	TDD	FP	16B				
05242		XA303	18		XA303	25			16B	9		DXXB1Q	01	DXXB2A	01	1	TQ2	B2	10A				
05243		XA303	25		XA306	31			16B	9		DXXB1Q	02	DXXB4A	01	2	TQ2	B4	12B				
05244		XA306	31		XA307	34			16B	9		DXXB1Q	03	DXXB1Q	00	1	TDD	FQ	15B	I/O BYTE COUNTER	A02		
04763		XA307	34									DXXB1Q	04	DXXB2I	01	1	TDD	FI	16A		A02		
05246		XA302	51		XA304	46			16B	9		DXXB1Q	01	DXXB1Q	00	1	TQ2	D4	27B				
05247		XA304	46		XA310	20			16B	9		DXXB1Q	02	DXXA1A	01	2	TS8	D1	21A				
05248		XA310	20									DXXB1Q	03	DXXDRA	01	2	TQ2	B2	11A				
05249		XA308	60		XA302	68			16B	9		DXXB2A	01	DXXCMAR	01	2	TD4	E2	28A				
05250		XA302	68		XA303	14			16B	9		DXXB2A	02	DXXB20	01	1	TQ2	E1	32A				
05251		XA303	14									DXXB2A	03	DXXB2A	00	1	TQ2	B2	09A	I/O BYTE COUNTER			
05347		XA307	33		XA308	31			16B	9		DXXB2P	01	DXXB2P	00	1	TDD	FP	16B		A02		
05253		XA308	31		XA305	24			16B	9		DXXB2P	02	DXX05A	01	2	TD4	C2	15B				
05254		XA305	24		XA303	20			16B	9		DXXB2P	03	DXXB0I	01	1	TDD	CI	13A				
05255		XA303	20		XA303	13			16B	9		DXXB2P	04	DXXB2A	01	2	TQ2	B2	11A				
05256		XA303	13									DXXB2P	05	DXXB0A	01	2	TQ2	A4	06B				
05257		XA303	19		XA303	42			16B	9		DXXB2Q	01	DXXB3A	01	2	TQ2	B3	09B				
05258		XA303	42		XA307	31			16B	9		DXXB2Q	02	DXXB5A	01	2	TQ2	C1	20A		A02		
12141		XA307	31									DXXB2Q	03	DXXB2Q	00	1	TDD	FQ	15B	INPUT INTERRUPT	A02		
05260		XA302	66		XA304	72			16B	9		DXXB2Q	01	DXXB2Q	00	1	TQ2	E1	31A				
05261		XA304	72		XA304	60			16B	9		DXXB2Q	02	DXXVXA	01	2	TS8	F1	34A				
05262		XA304	60		XA304	31			16B	9		DXXB2Q	03	DXXS0A	01	2	TS8	E1	28A				
05263		XA304	31		XA311	40			16B	9		DXXB2Q	04	DXXDVA	01	2	TS8	C1	15B				
05264		XA311	40		XA112	61			16B	9		DXXB2Q	05	DXXD0A	01	2	TT3	C1	19A				
07977		XA112	61									DXXB2Q	06	DMMCPA	01	3	TT3	E3	32B		D08 D08		
05265		XA302	62		XA303	21			16B	9		DXXB3A	01	DXXB30	01	1	TQ2	E2	29A				
05266		XA303	21		XA312	19			16B	9		DXXB3A	02	DXXB3A	00	1	TQ2	B3	10B	I/O BYTE COUNTER			
05267		XA312	19		XA312	25			16B	9		DXXB3A	03	DXXEVR	01	3	TD4	B2	09B				
05268		XA312	25									DXXB3A	04	DXXVSR	01	3	TD4	B1	12B				
05269		XA302	60		XA311	30			16B	9		DXXB3Q	01	DXXB30	00	1	TQ2	E2	28A				
05270		XA311	30									DXXB3Q	02	DXXD1A	01	2	TT3	C2	15A				
												****	SIGNAL	DXXB4A	IS ON THE NEXT PAGE				****				

H78-14 823
DRAWING NUMBER
UNIT ASSEMBLY NAME

149017-800 STRING
CARD CAGE ASSY B,IFCU

UNIT ASSEMBLY NO. 149017
FILE IDENT T39C1FC7

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DATE 09-03-82 PAGE 146

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	IS	MULTI GROUP	CODE	COLOR	IDENY									AND	OR		
05271		XA303	27		XA302	53				16B	9		DXXB4A	01	DXXB4A	00	1	TQ2	B4		13B	I/O BYTE COUNTER		
05272		XA302	53										DXXB4A	02	DXXB40	01	1	TQ2	E3		28B			
05273		XA311	35		XA302	57				16B	9		DXXB40	01	DX0D2A	01	2	TT3	C3		17B			
05274		XA302	57										DXXB40	02	DXXB40	00	1	TQ2	E3		30B			
05275		XA302	59		XA303	38				16B	9		DXXB5A	01	DXXB50	01	1	TQ2	E4		31B	I/O BYTE COUNTER		
05276		XA303	38		XA308	46				16B	9		DXXB5A	02	DXXB5A	00	1	TQ2	C1		18A			
05277		XA308	46										DXXB5A	03	DXENAR	01	2	TD4	D2		21A			
05278		XA311	54		XA302	63				16B	9		DXXB50	01	DX0D3A	01	2	TT3	D1		25A			
05279		XA302	63										DXXB50	02	DXXB50	00	1	TQ2	E4		33B			
05280		XA303	57		XA306	65				16B	9		DXXCIA	01	DXXCIA	00	1	TQ2	E3		30B			
05281		XA306	65										DXXCIA	02	DXXCIQ	01	1	TDD	MQ		34B			
05282		XA312	71		XA306	69				16B	9		DXXCIP	01	DXXCRO	01	1	TD4	F2		36A			
05283		XA306	69		XA105	75				16B	9		DXXCIP	02	DXXCIP	00	1	TDD	MP		35A			
05284		XA105	75										DXXCIP	03	DXDB10	01	1	TT3	F1		37B			
05285		XA226	27		XA316	52				16B	9		DXXCIQ	01	DXDSBPR	02	1	PAR	B1		13B	DEV/OPR INDICATOR		
05286		XA316	52		XA316	68				16B	9		DXXCIQ	02	DXDB0TA	01	3	MUX	D1		25A			
05287		XA316	68		XA306	74				16B	9		DXXCIQ	03	DXDB4TA	01	3	MUX	E1		33A			
05288		XA306	74										DXXCIQ	04	DXXCIQ	00	1	TDD	MQ		35B			
05289		XA303	53		XA312	76				16B	9		DXXCIO	01	DXXCIA	01	1	TQ2	E3		28B	INDICATOR INPUTS		
05290		XA312	76										DXXCIO	02	DXXCIO	00	1	TD4	F1		37A			
05291		XA312	69		XA307	38				16B	9		DXXCRO	01	DXXCRO	00	1	TD4	F2		35A			
05292		XA307	38		XA307	20				16B	9		DXXCRO	02	DXXDOP	01	1	TDD	EP		18A			
05293		XA307	20		XA307	22				16B	9		DXXCRO	03	DXXC2P	01	1	TDD	DP		11A			
05294		XA307	22		XA306	22				16B	9		DXXCRO	04	DXXCOP	01	1	TDD	CP		12A			
05295		XA306	22		XA306	20				16B	9		DXXCRO	05	DXXC1P	01	1	TDD	CP		12A			
05296		XA306	20		XA305	06				16B	9		DXXCRO	06	DXXC3P	01	1	TDD	DP		11A			
05297		XA305	06		XA305	04				16B	9		DXXCRO	07	DXXC4P	01	1	TDD	AP		05A			
05298		XA305	04										DXXCRO	08	DXXD1P	01	1	TDD	BP		04A			
05299		XA314	45		XA310	48				16B	9		DXXCSA	01	DXXCSA	00	1	TQ2	D3		24B	INPUT STROBE COUN		
05300		XA310	48										DXXCSA	02	DXXCS0	01	1	TQ2	D2		22A			
05301		XA308	07		XA308	13				16B	9		DXXCS0	01	DXB0EA	01	4	TD4	A2		03A			
05302		XA308	13		XA310	46				16B	9		DXXCS0	02	DXA0EA	01	4	TD4	A1		06B			
05303		XA310	46		XA219	68				16B	9		DXXCS0	03	DXXCS0	00	1	TQ2	D2		21A			
04006		XA219	68										DXXCS0	04	DXD1RA	01	2	TT3	E1		32A			
05304		XA306	24		XA307	25				16B	9		DXXC0Q	01	DXXC1I	01	1	TDD	CI		13A	INPUT STROBE COUN		
05305		XA307	25										DXXC0Q	02	DXXC0Q	00	1	TDD	CQ		12B			
05306		XA307	18		XA306	25				16B	9		DXXC1Q	01	DXXC2I	01	1	TDD	DI		10A	INPUT STROBE COUN		
05307		XA306	25										DXXC1Q	02	DXXC1Q	00	1	TDD	CQ		12B			

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DRAWING NUMBER
UNIT ASSEMBLY NAME

149017-800
CARD CAGE ASSY B,IFCU

STRING

UNIT ASSEMBLY NO.
FILE IDENT

149017
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RECORD NUMBER	FROM			TO			WIRE				SIGNAL	SEQ NO	EQUATION	TERM FACTOR	CKT OR CHIP TYPE	GROUP	LOAD OR JOWER PLANE	TEST POINTS		SIGNAL DESCRIPTION	ECO NO
	PREFIX	CONNECTOR	PIN	PREFIX	CONNECTOR	PIN	SIZE	MULTI GROUP	CODE	COLOR								IDENT	AND		
05308		XA306	18		XA307	19			16B	9		DXXC20	01	DXXC3I	01	1	TDD	DI	10A		
05309		XA307	19		XA314	41			16B	9		DXXC2Q	02	DXXC2Q	00	1	TDD	DQ	09B	INPUT STROBE COUN	
05310		XA314	41		XA314	48			16B	9		DXXC2Q	03	DXXCSA	01	1	TQ2	D3	22B		
05311		XA314	48									DXXC2Q	04	DXXSKOA	01	1	TQ2	D2	22A		
05312		XA305	01		XA306	21			16B	9		DXXC3P	01	DXXD1N	01	1	TDD	BN	02B		
05313		XA306	21		XA307	42			16B	9		DXXC3P	02	DXXC3P	00	1	TDD	DP	10B		
05314		XA307	42		XA314	50			16B	9		DXXC3P	03	DXXD0N	01	1	TDD	EN	20A		
05315		XA314	50									DXXC3P	04	DXXSKOA	01	2	TQ2	D2	23A		
05316		XA306	19		XA305	08			16B	9		DXXC3Q	01	DXXC3Q	00	1	TDD	DQ	09B	INPUT STROBE COUN	
05317		XA305	08									DXXC3Q	02	DXXC4I	01	1	TDD	AT	06A		
05318		XA306	72		XA307	24			16B	9		DXXC4P	01	DXXC1N	01	1	TDD	MN	34A		
05320		XA307	24		XA305	11			16B	9		DXXC4P	03	DXXC0I	01	1	TDD	CI	13A		
05321		XA305	11									DXXC4P	04	DXXC4P	00	1	TDD	AP	05B		
05322		XA305	13		XA314	43			16B	9		DXXC4Q	01	DXXC4Q	00	1	TDD	AQ	06B	INPUT STROBE COUN	
05323		XA314	43									DXXC4Q	02	DXXCSA	01	2	TQ2	D3	23B		
05324		XA310	30		XA306	39			16B	9		DXXDDA	01	DXXDDA	00	1	TQ2	C2	15A		
05325		XA306	39									DXXDDA	02	DXXDDQ	01	1	TDD	EQ	19B		
05326		XA105	53		XA208	10			16B	9		DXXDDP	01	DXXDRO	01	1	TT3	F2	28B		
06889		XA208	10		XA306	35			16B	9		DXXDDP	015	DLPTON	01	1	TDD	AN	07A		
05327		XA306	35		XA312	72			16B	9		DXXDDP	02	DXXDDP	00	1	TDD	EP	17B		
05328		XA312	72		XA316	40			16B	9		DXXDDP	03	DXXCRO	01	2	TQ4	F2	34A		
05329		XA316	40		XA315	40			16B	9		DXXDDP	04	DXDC52X	01	3	MUX	C2	19A		
05330		XA315	40		XA315	24			16B	9		DXXDDP	05	DXDC22X	01	3	MUX	C2	19A		
05331		XA315	24		XA316	24			16B	9		DXXDDP	06	DXDC12X	01	3	MUX	B2	12A		
05332		XA316	24		XA317	24			16B	9		DXXDDP	07	DXDC42X	01	3	MUX	B2	12A		
05333		XA317	24		XA317	08			16B	9		DXXDDP	08	DXDC72X	01	3	MUX	B2	12A		
05334		XA317	08		XA316	08			16B	9		DXXDDP	09	DXDC62X	01	3	MUX	A2	04A		
05335		XA316	08		XA315	08			16B	9		DXXDDP	10	DXDC32X	01	3	MUX	A2	04A		
05336		XA315	08									DXXDDP	11	DXDC02X	01	3	MUX	A2	04A		
05339		XA310	34		XA314	39			16B	9		DXXDDQ	01	DXXDDA	01	1	TQ2	C2	16A		
05340		XA314	39									DXXDDQ	02	DXXDDQ	00	1	TQ2	C4	19B		
07412		XA305	03		XA307	51			16B	9		DXXDIA	005	DXXD1Q	01	1	TDD	RQ	02A		A02
07459		XA307	51		XA314	52			16B	9		DXXDIA	01	DXXD1Q	01	1	TDD	GQ	27B		A02
05342		XA314	52									DXXDIA	02	DXXDIA	00	1	TQ2	D1	24A		
05343		XA316	49		XA316	66			16B	9		DXXDIP	01	DXDB0TA	01	4	MUX	D1	24B		
05344		XA316	66		XA312	73			16B	9		DXXDIP	02	DXDB4TA	01	4	MUX	E1	32B		
05345		XA312	73		XA307	47			16B	9		DXXDIP	03	DXXCRO	01	3	TQ4	F2	34B		A02
05252		XA307	47		XA105	77			16B	9		DXXDIP	05	DXXDIP	00	1	TDD	GP	25B		A02
05348		XA105	77		XA105	60			16B	9		DXXDIP	06	DXDB1Q	01	2	TT3	F1	38B		
											****	SIGNAL	DXXDIP	IS ON THE NEXT PAGE				****			

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DRAWING NUMBER
UNIT ASSEMBLY NAME

149017-800 STRING
CARD CAGE ASSY B,IFCU

UNIT ASSEMBLY NO. 149017
FILE IDENT T39C1FC7

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RECORD NUMBER	FROM			TO			WIRE				SIGNAL	SEQ NO	EQUATION	TERM	FACTO	CKT OR CHIP TYPE	GROUP	LOAD OR POWER PLANE	TEST POINTS		SIGNAL DESCRIPTION	ECO NO
	PREFIX	CONNECTOR	PIN	PREFIX	CONNECTOR	PIN	SH FT	MULTI GROUP	CODE	COLOR									IDENT	AND		
05383		XA318	14		XA317	14			168	9		DXXD00	02	DXDD62X	01	1	MUX	A2		06A		
05384		XA317	14		XA316	14			168	9		DXXD00	03	DXDC62X	01	1	MUX	A2		06A		
05385		XA316	14		XA316	27			168	9		DXXD00	04	DXDC32X	01	1	MUX	A2		06A		
05386		XA316	27		XA317	27			168	9		DXXD00	05	DXDC42X	01	1	MUX	B2		14A		
05387		XA317	27		XA318	27			168	9		DXXD00	06	DXDC72X	01	1	MUX	B2		14A		
05388		XA318	27		XA319	27			168	9		DXXD00	07	DXDD72X	01	1	MUX	B2		14A		
05389		XA319	27		XA319	46			168	9		DXXD00	08	DXDD42X	01	1	MUX	B2		14A		
05390		XA319	46		XA316	46			168	9		DXXD00	09	DXDD52X	01	1	MUX	C2		21A		
05391		XA316	46		XA310	39			168	9		DXXD00	10	DXDC52X	01	1	MUX	C2		21A		
05392		XA310	39									DXXD00	11	DXXD00	00	1	TQ2	C4		19B	INVERTED FOR SELE	
05218		XA307	56		XA307	72			168	9		DXXD1P	005	DXXD1N	01	1	TDD	GN		26A	A02	
05393		XA307	72		XA310	41			168	9		DXXD1P	01	DXXDSN	01	1	TDD	MN		34A		
05394		XA310	41		XA307	40			168	9		DXXD1P	02	DXXD1O	01	1	TQ2	D3		22B		
05395		XA307	40		XA306	42			168	9		DXXD1P	03	DXXD0I	01	1	TDD	EI		19A		
05396		XA306	42		XA305	09			168	9		DXXD1P	04	DXXDDN	01	1	TDD	FN		20A		
05397		XA305	09									DXXD1P	05	DXXD1P	00	1	TDD	BP		04B		
05398		XA320	42		XA320	26			168	9		DXXD1Q	01	DXDD22X	01	2	MUX	C2		20A		
05399		XA320	26		XA320	10			168	9		DXXD1Q	02	DXDD12X	01	2	MUX	B2		13A		
05400		XA320	10		XA315	10			168	9		DXXD1Q	03	DXDD02X	01	2	MUX	A2		05A		
05401		XA315	10		XA315	26			168	9		DXXD1Q	04	DXDC02X	01	2	MUX	A2		05A		
05402		XA315	26		XA315	42			168	9		DXXD1Q	05	DXDC12X	01	2	MUX	B2		13A		
05403		XA315	42		XA311	70			168	9		DXXD1Q	06	DXDC22X	01	2	MUX	C2		20A		
05404		XA311	70		XA305	07			168	9		DXXD1Q	07	DXDB1A	01	3	TT3	E1		33A		
05405		XA305	07									DXXD1Q	08	DXXD1Q	00	1	TDD	B0		03A	INTERRUPT I/O CNT	
05407		XA310	45		XA316	42			168	9		DXXD1O	01	DXXD1O	00	1	TQ2	D3		24B	INVERTED FOR SELE	
05408		XA316	42		XA319	42			168	9		DXXD1O	02	DXDC52X	01	2	MUX	C2		20A		
05409		XA319	42		XA319	26			168	9		DXXD1O	03	DXDD52X	01	2	MUX	C2		20A		
05410		XA319	26		XA318	26			168	9		DXXD1O	04	DXDD42X	01	2	MUX	B2		13A		
05411		XA318	26		XA317	26			168	9		DXXD1O	05	DXDD72X	01	2	MUX	B2		13A		
05412		XA317	26		XA316	26			168	9		DXXD1O	06	DXDC72X	01	2	MUX	B2		13A		
05413		XA316	26		XA316	10			168	9		DXXD1O	07	DXDC42X	01	2	MUX	B2		13A		
05414		XA316	10		XA317	10			168	9		DXXD1O	08	DXDC32X	01	2	MUX	A2		05A		
05415		XA317	10		XA318	10			168	9		DXXD1O	09	DXDC62X	01	2	MUX	A2		05A		
05416		XA318	10		XA319	10			168	9		DXXD1O	10	DXDD62X	01	2	MUX	A2		05A		
05417		XA319	10									DXXD1O	11	DXDD32X	01	2	MUX	A2		05A		
05418		XA334	65		XA214	73			168	9		DXXRCA	01	DXXRCQ	01	1	TDD	MQ		34B	B09	
10868		XA214	73									DXXRCA	02	DXXRCA	00	1	TT3	F1		36B	B09	
05420		XA305	46		XA305	64			168	9		DXXRCQ	005	DRSERN	01	1	TDD	HN		21A	C03	
05422		XA305	64		XA306	64			168	9		DXXRCQ	01	DXXR1P	01	1	TDD	KP		30A		
05423		XA306	64		XA307	75			168	9		DXXRCQ	02	DXXR0P	01	1	TDD	KP		30A		
05424		XA307	75		XA334	74			168	9		DXXRCQ	03	DXXR2P	01	1	TDD	LP		37B		
05425		XA334	74		XA333	19			168	9		DXXRCQ	04	DXXRCQ	00	1	TDD	MQ		35B	REQUEST CONTROL F	
04944		XA333	19									DXXRCQ	05	DRS1A	01	2	TQ2	B3		09B		
05426		XA327	76		XA214	75			168	9		DXXRCO	01	DXXRCO	00	1	TS8	F1		37A	REQUEST INPUTS	B09
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DRAWING NUMBER
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149017-800
CARD CAGE ASSY B,IFCU

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	PREFIX	CONNECTOR	PIN	WIRE NO	PREFIX	CONNECTOR	PIN	WIRE NO	MULTI GROUP	CODE	COLOR	IDENT									AND	OR		
I0870		XA214	75										DXXRCO	02	DXXRCA	01	1	TT3	F1		37B		B09	
05428		XA305	59		XA214	77			16B	9			DXXREP	01	DXXREP	00	1	TDD	JP		31B		B09	
10872		XA214	77										DXXREP	02	DXXRCA	01	2	TT3	F1		38B		B09	
05430		XA306	57		XA305	63			16B	9			DXXROP	01	DXXROP	00	1	TDD	KP		30B			
05431		XA305	63										DXXROP	02	DXXREQ	01	1	TDD	JQ		33B			
05432		XA308	20		XA308	26			16B	9			DXXROQ	01	DXBRQA	01	4	TD4	B2		11A			
05433		XA308	26		XA306	55			16B	9			DXXROQ	02	DXARQA	01	4	TD4	B1		14A			
05434		XA306	55		XA305	62			16B	9			DXXROQ	03	DXXROQ	00	1	TDD	KQ		29B		REQUEST STROBE CO	
05435		XA305	62										DXXROQ	04	DXXRII	01	1	TDD	KI		29A			
05436		XA307	77		XA305	55			16B	9			DXXR1Q	01	DXXR2I	01	1	TDD	LI		38B			
05437		XA305	55										DXXR1Q	02	DXXR1Q	00	1	TDD	KQ		29B		REQUEST STROBE CO	
05438		XA306	62		XA307	76			16B	9			DXXR2P	01	DXXROI	01	1	TDD	KI		29A			
05439		XA307	76		XA334	72			16B	9			DXXR2P	02	DXXR2P	00	1	TDD	LP		37A			
05440		XA334	72										DXXR2P	03	DXXRCN	01	1	TDD	MN		34A			
05441		XA303	30		XA308	48			16B	9			DXX04A	01	DXX04A	00	1	TQ2	C2		15A			
05442		XA308	48		XA308	62			16B	9			DXX04A	02	DXENAR	01	3	TD4	D2		22A			
05443		XA308	62										DXX04A	03	DXCMAR	01	3	TD4	E2		29A			
05444		XA308	33		XA303	29			16B	9			DXX05A	01	DXX05A	00	1	TD4	C2		16B			
05445		XA303	29										DXX05A	02	DXX050	01	1	TQ2	C3		14B			
05446		XA308	68		XA308	54			16B	9			DXX050	01	DXCA0A	01	3	TD4	E1		32A			
05447		XA308	54		XA303	33			16B	9			DXX050	02	DXEA0A	01	3	TD4	D1		25A			
05448		XA303	33										DXX050	03	DXX050	00	1	TQ2	C3		16B		I/O BYTE COUNT=0.	
05449		XA311	27		XA305	29			16B	9			DX0DEA	01	DX0DEA	00	1	TT3	B3		13B		DFR RECEIVE DATA	
05450		XA305	29										DX0DEA	02	DXIOPQ	01	1	TDD	FQ		14B			
05451		XA224	20		XA211	13			16B	9			DX0DRA	01	DBMRA0	01	2	TQ2	B2		11A			
05452		XA211	13		XA310	14			16B	9			DX0DRA	02	DMMR10	01	2	TQ2	A4		06B			
05453		XA310	14										DX0DRA	03	DX0DRA	00	1	TQ2	B2		09A		DFR RESET STROBE	
05454		XA213	79		XA311	36			16B	9			DX0D0A	01	DBLC00	01	1	THI	F1		39B			
05455		XA311	36										DX0D0A	02	DX0D0A	00	1	TT3	C1		17A		DFR RECEIVE DATA	
05456		XA311	31		XA213	73			16B	9			DX0D1A	01	DX0D1A	00	1	TT3	C2		15B		DFR RECEIVE DATA	
05457		XA213	73										DX0D1A	02	DBLC10	01	1	THI	F2		37B			
05458		XA213	69		XA311	39			16B	9			DX0D2A	01	DBLC20	01	1	THI	F3		35B			
05459		XA311	39										DX0D2A	02	DX0D2A	00	1	TT3	C3		19B		DFR RECEIVE DATA	
05460		XA312	78		XA311	50			16B	9			DX0D3A	01	DXXC10	01	3	TD4	E1		38A			
05461		XA311	50		XA213	74			16B	9			DX0D3A	02	DX0D3A	00	1	TT3	D1		23A		DFR RECEIVE DATA	
05462		XA213	74										DX0D3A	03	DBLC30	01	1	THI	F4		35A			

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 DRAWING NUMBER
 UNIT ASSEMBLY NAME

149017-800 STRING
 CARD CAGE ASSY B,IFCU

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RECORD NUMBER	FROM			TO			WIRE				SPECIES MISC	SIGNAL	SEQ NO	EQUATION	TERM	FACTOR	CKT OR CHIP TYPE	GROUP	LOAD OR POWER PLANE	TEST POINTS AND OR	SIGNAL DESCRIPTION	ECO NO	
	PREFIX	CONNECTOR	PIN	PREFIX	CONNECTOR	PIN	SH FT	MULTI GROUP	CODE	COLOR													IDENT
05463		XA314	77		XA311	19			168	9		DXOFRR	01	DXOFRS	01	1	TQ2	F1		38B			
05464		XA311	19									DXOFRR	02	DXOFRR	00	1	TT3	B2		09B			
05465		XA311	14		XA310	18			168	9		DXOFRS	01	DXOFRR	01	1	TT3	B2		09A			
05466		XA310	18		XA311	21			168	9		DXOFRS	02	DXODRA	01	1	TQ2	B2		10A			
05467		XA311	21		XA311	29			168	9		DXOFRS	03	DXODEA	01	1	TT3	B3		10B			
05468		XA311	29		XA311	33			168	9		DXOFRS	04	DXOD1A	01	1	TT3	C2		14B			
05469		XA311	33		XA311	38			168	9		DXOFRS	05	DXOD2A	01	1	TT3	C3		14B			
05470		XA311	38		XA311	52			168	9		DXOFRS	06	DXOD0A	01	1	TT3	C1		18A			
05471		XA311	52		XA314	75			168	9		DXOFRS	07	DXOD3A	01	1	TT3	D1		24A			
05472		XA314	75									DXOFRS	08	DXOFRS	00	1	TQ2	F1		37B	OFR COMMAND STORE		
05473		XA312	05		XA314	21			168	9		DXOFRO	01	DXOR0A	01	3	TD4	A2		03B			
05474		XA314	21									DXOFRO	02	DXOFRO	00	1	TQ2	B3		10B			
05475		XA303	39		XA311	72			168	9		DXONLO	01	DXONLO	00	1	TQ2	C4		19B			
05476		XA311	72		XA311	77			168	9		DXONLO	02	DXIN0A	01	3	TT3	F2		34A			
05477		XA311	77									DXONLO	03	DXINHS	01	2	TT3	F1		38B			
05478		XA314	79		XA312	09			168	9		DXOR0A	01	DXOFRS	01	2	TQ2	F1		39B			
05479		XA312	09									DXOR0A	02	DXOR0A	00	1	TD4	A2		04B			
05480		XA307	59		XA310	17			168	9		DX1MAP	01	DX1MAP	00	1	TDD	JP		31B			
05481		XA310	17									DX1MAP	02	DXCP1A	01	1	TQ2	B3		08B			
05482		XA306	68		XA307	61			168	9		DX1MAQ	01	DX1MBI	01	1	TDD	J1		32A			
05483		XA307	61		XA310	23			168	9		DX1MAQ	02	DX1MAQ	00	1	TDD	JQ		32B	SYNC CLOCK BIT 0		
05484		XA310	23									DX1MAQ	03	DXCP3A	01	1	TQ2	B4		11B			
05485		XA310	25		XA307	68			168	9		DX1MBP	01	DXCP3A	01	2	TQ2	B4		12B			
05486		XA307	68		XA306	59			168	9		DX1MBP	02	DX1MAI	01	1	TDD	J1		32A			
05487		XA306	59									DX1MBP	03	DX1MBP	00	1	TDD	JP		31B			
05488		XA306	61		XA310	19			168	9		DX1MBQ	01	DX1MBQ	00	1	TDD	JQ		32B	SYNC CLOCK BIT 1		
05489		XA310	19		XA313	69			168	9		DX1MBQ	02	DXCP1A	01	2	TQ2	B3		09B		D05	
07533		XA313	69									DX1MBQ	03	DLTAK2U	01	1	DRC	E2		32A		D05	
05490		XA246	05		XA250	70			168	9		DYAACDR	01										
05491		XA250	70									DYAACDR	02										
05492		XA250	69		XA246	07			168	9		DYAACDX4	01										
05493		XA246	07		XA247	08			168	9		DYAACDX4	02	DYAACDX400	1		EXT			02B	ADD CONTROL DRIVER	B04	
10916		XA247	08									DYAACDX4	03				RR4	A1				B04	
02165		XA250	74		XA348	31			168	9		DYAS1GX	01										
11323		XA348	31									DYAS1GX	02									B06	
02167		XA250	73		XA348	34			168	9		DYAS1HX	01										
											***	SIGNAL	DYAS1HX	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	SR 12	PREFIX	CONNECTOR	PIN	SR 12	MULTI GROUP	CODE	COLOR	IDENT											
05523		XA246	35										DYA030X	02	DYA030X	00	1	DCF	B4	14B	RECEIVER OUTPUT		
05524		XA250	12										DYA04DR	01				EXT					
05525		XA246	39			XA246	39			16B	9		DYA04DR	02				DCF					
10932		XA247	26			XA246	41			16B	9		DYA04DX4	00				RR4	B2			B04	
05526		XA246	41			XA250	11			16B	9		DYA04DX4	01	DYA04DX400	1	DCF	B5	16A	DRIVER OUTPUT - C			
05527		XA250	11										DYA04DX4	02				EXT					
05528		XA240	69			XA246	40			16B	9		DYA040X	01	DD01CTA	01	1	MUX	E1	32A			
05529		XA246	40										DYA040X	02	DYA040X	00	1	DCF	B6	15A	RECEIVER OUTPUT		
05530		XA250	14			XA246	21			16B	9		DYA05DR	01				EXT					
05531		XA246	21										DYA05DR	02				DCF					
10930		XA247	24			XA246	23			16B	9		DYA05DX4	00				RR4	B3			B04	
05532		XA246	23			XA250	13			16B	9		DYA05DX4	01	DYA05DX400	1	DCF	B7	10A	DRIVER OUTPUT - C			
05533		XA250	13										DYA05DX4	02				EXT					
05534		XA240	75			XA246	30			16B	9		DYA050X	01	DD01CTB	01	1	MUX	E2	35B			
05535		XA246	30										DYA050X	02	DYA050X	00	1	DCF	B8	11A	RECEIVER OUTPUT		
05536		XA250	16			XA246	45			16B	9		DYA06DR	01				EXT					
05537		XA246	45										DYA06DR	02				DCF		27A			
10923		XA247	17			XA246	46			16B	9		DYA06DX4	00				RR4	B4			B04	
05538		XA246	46			XA250	15			16B	9		DYA06DX4	01	DYA06DX400	1	DCF	C1	25B	DRIVER OUTPUT - C			
05539		XA250	15										DYA06DX4	02				EXT					
05540		XA240	70			XA246	47			16B	9		DYA060X	01	DD01CTC	01	1	MUX	E3	34A			
05541		XA246	47										DYA060X	02	DYA060X	00	1	DCF	C2	26B	RECEIVER OUTPUT		
05542		XA250	18			XA246	58			16B	9		DYA07DR	01				EXT					
05543		XA246	58										DYA07DR	02				DCF					
10925		XA247	19			XA246	55			16B	9		DYA07DX4	00				RR4	B5			B04	
05544		XA246	55			XA250	17			16B	9		DYA07DX4	01	DYA07DX400	1	DCF	C3	30B	DRIVER OUTPUT - C			
05545		XA250	17										DYA07DX4	02				EXT					
05546		XA240	76			XA246	56			16B	9		DYA070X	01	DD01CTD	01	1	MUX	E4	37A			
05547		XA246	56										DYA070X	02	DYA070X	00	1	DCF	C4	29B	RECEIVER OUTPUT		
05548		XA250	20			XA246	53			16B	9		DYA08DR	01				EXT					
05549		XA246	53										DYA08DR	02				DCF					
10940		XA247	36			XA246	60			16B	9		DYA08DX4	00				RR4	C1			B04	
05550		XA246	60			XA250	19			16B	9		DYA08DX4	01	DYA08DX400	1	DCF	C5	31B	DRIVER OUTPUT - C			
05551		XA250	19										DYA08DX4	02				EXT					
05552		XA343	51			XA246	57			16B	9		DYA080X	01	DD02CTA	01	1	MUX	D1	25B			
													****	SIGNAL	(DYA080X)	IS ON THE	NEXT PAGE	****					

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	PREFIX	CONNECTOR	PIN	PREFIX	CONNECTOR	PIN	SIZE	MULTI GROUP	CODE	COLOR											
05553		XA246	57									DYA080X	02	DYA080X	00	1	DCF	C6	31A	RECEIVER OUTPUT	
05554		XA250	22		XA246	44			16B	9		DYA09DR	01				EXT				
05555		XA246	44									DYA09DR	02				DCF				
10942		XA247	38		XA246	43			16B	9		DYA09DX4	00			RR4	C2				804
05556		XA246	43		XA250	21			16B	9		DYA09DX4	01	DYA09DX400	1	DCF	C7		25A	DRIVER OUTPUT - C	
05557		XA250	21									DYA09DX4	02			EXT					
05558		XA343	57		XA246	48			16B	9		DYA090X	01	DD02CTB	01	1	MUX	D2	29B		
05559		XA246	48									DYA090X	02	DYA090X	00	1	DCF	C8	26A	RECEIVER OUTPUT	
05560		XA250	24		XA246	67			16B	9		DYA10DR	01				EXT				
05561		XA246	67									DYA10DR	02				DCF				
10929		XA247	23		XA250	23			16B	9		DYA10DX4	00			RR4	C3				804
05562		XA250	23		XA246	65			16B	9		DYA10DX4	01				EXT				
05563		XA246	65									DYA10DX4	02	DYA10DX400	1	DCF	D1		32B	DRIVER OUTPUT - C	
05564		XA343	54		XA246	69			16B	9		DYA100X	01	DD02CTC	01	1	MUX	D3	26A		
05565		XA246	69									DYA100X	02	DYA100X	00	1	DCF	D2	33B	RECEIVER OUTPUT	
05566		XA246	79		XA250	26			16B	9		DYA11DR	01				DCF		40B		
05567		XA250	26									DYA11DR	02				EXT				
10931		XA247	25		XA246	78			16B	9		DYA11DX4	00			RR4	C4				804
05568		XA246	78		XA250	25			16B	9		DYA11DX4	01	DYA11DX400	1	DCF	D3		37B	DRIVER OUTPUT - C	
05569		XA250	25									DYA11DX4	02				EXT				
05570		XA343	62		XA246	75			16B	9		DYA110X	01	DD02CTD	01	1	MUX	D4	29A		
05571		XA246	75									DYA110X	02	DYA110X	00	1	DCF	D4	36B	RECEIVER OUTPUT	
05572		XA246	77		XA250	28			16B	9		DYA12DR	01				DCF				
05573		XA250	28									DYA12DR	02				EXT				
10934		XA247	29		XA246	80			16B	9		DYA12DX4	00			RR4	C5				804
05574		XA246	80		XA250	27			16B	9		DYA12DX4	01	DYA12DX400	1	DCF	D5		38B	DRIVER OUTPUT - C	
05575		XA250	27									DYA12DX4	02				EXT				
05576		XA343	69		XA246	76			16B	9		DYA120X	01	DD03CTA	01	1	MUX	F1	32A		
05577		XA246	76									DYA120X	02	DYA120X	00	1	DCF	D6	38A	RECEIVER OUTPUT	
05578		XA246	59		XA250	30			16B	9		DYA13DR	01				DCF				
05579		XA250	30									DYA13DR	02				EXT				
10946		XA247	42		XA246	61			16B	9		DYA13DX4	00			RR4	D1				C02
05580		XA246	61		XA250	29			16B	9		DYA13DX4	01	DYA13DX400	1	DCF	D7		33A	DRIVER OUTPUT - C	
05581		XA250	29									DYA13DX4	02				EXT				
05582		XA343	75		XA246	68			16B	9		DYA130X	01	DD03CTB	01	1	MUX	F2	35B		
									****	SIGNAL		DYA130X		IS ON THE					NEXT PAGE	****	

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	PREFIX	CONNECTOR	PIN	PREFIX	CONNECTOR	PIN	SH TO	MULTI GROUP	CODE												COLOR
05583		XA246	68								DYA130X	02	DYA130X	00	1	DCF	D8	34A	RECEIVER OUTPUT		
05584		XA250	32		XA245	05			16B	9	DYA14DR	01				EXT					
05585		XA245	05								DYA14DR	02				DCF					
10949		XA247	46		XA245	07			16B	9	DYA14DX4	00			RR4	D2				804	
05586		XA245	07		XA250	31			16B	9	DYA14DX4	01	DYA14DX400	1	DCF	A1		02B	DRIVER OUTPUT - C		
05587		XA250	31								DYA14DX4	02			EXT						
05588		XA343	70		XA245	09			16B	9	DYA140X	01	DD03CTC	01	1	MUX	E3	34A			
05589		XA245	09								DYA140X	02	DYA140X	00	1	DCF	A2	03B	RECEIVER OUTPUT		
05590		XA250	34		XA245	19			16B	9	DYA15DR	01				EXT					
05591		XA245	19								DYA15DR	02				DCF					
10939		XA247	35		XA245	17			16B	9	DYA15DX4	00			RR4	D3				804	
05592		XA245	17		XA250	33			16B	9	DYA15DX4	01	DYA15DX400	1	DCF	A3		07B	DRIVER OUTPUT - C		
05593		XA250	33								DYA15DX4	02			EXT						
05594		XA343	76		XA245	15			16B	9	DYA150X	01	DD03CTD	01	1	MUX	F4	37A			
05595		XA245	15								DYA150X	02	DYA150X	00	1	DCF	A4	06B	RECEIVER OUTPUT		
05596		XA250	36		XA245	16			16B	9	DYA16DR	01				EXT					
05597		XA245	16								DYA16DR	02				DCF					
10941		XA247	37		XA245	14			16B	9	DYA16DX4	00			RR4	D4				804	
05598		XA245	14		XA250	35			16B	9	DYA16DX4	01	DYA16DX400	1	DCF	A5		08B	DRIVER OUTPUT - C		
05599		XA250	35								DYA16DX4	02			EXT						
05600		XA239	51		XA245	10			16B	9	DYA160X	01	DD04CTA	01	1	MUX	D1	25B			
05601		XA245	10								DYA160X	02	DYA160X	00	1	DCF	A6	07A	RECEIVER OUTPUT		
05602		XA250	38		XA245	02			16B	9	DYA17DR	01				EXT					
05603		XA245	02								DYA17DR	02				DCF		01A			
10943		XA247	39		XA245	01			16B	9	DYA17DX4	00			RR4	D5				804	
05604		XA245	01		XA250	37			16B	9	DYA17DX4	01	DYA17DX400	1	DCF	A7		02A	DRIVER OUTPUT - C		
05605		XA250	37								DYA17DX4	02			EXT						
05606		XA239	57		XA245	03			16B	9	DYA170X	01	DD04CTB	01	1	MUX	D2	29B			
05607		XA245	03								DYA170X	02	DYA170X	00	1	DCF	A8	03A	RECEIVER OUTPUT		
05608		XA250	40		XA245	25			16B	9	DYA18DR	01				EXT					
05609		XA245	25								DYA18DR	02				DCF					
10955		XA247	52		XA245	27			16B	9	DYA18DX4	00			RR4	F1				804	
05610		XA245	27		XA250	39			16B	9	DYA18DX4	01	DYA18DX400	1	DCF	B1		10B	DRIVER OUTPUT - C		
05611		XA250	39								DYA18DX4	02			EXT						
05612		XA239	54		XA245	29			16B	9	DYA180X	01	DD04CTC	01	1	MUX	D3	26A			
										****	SIGNAL	(DYA180X)	IS ON THE NEXT PAGE			****					

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	PREFIX	CONNECTOR	PIN	PREFIX	CONNECTOR	PIN	WIRE NO	MULTI GROUP	CODE	COLOR											
05613		XA245	29									DYA180X	02	DYA180X	00	1	DCF	B2	11B	RECEIVER OUTPUT	
05614		XA250	42		XA245	42			16B	9		DYA19DR	01				EXT				
05615		XA245	42									DYA19DR	02				DCF		20B		
10951		XA247	48		XA245	37			16B	9		DYA19DX4	00			RR4	E2				B04
05616		XA245	37		XA250	41			16B	9		DYA19DX4	01	DYA19DX400	1	DCF	B3		15B	DRIVER OUTPUT - C	
05617		XA250	41									DYA19DX4	02			EXT					
05618		XA239	62		XA245	35			16B	9		DYA190X	01	DD04CTD	01	1	MUX	D4	29A		
05619		XA245	35									DYA190X	02	DYA190X	00	1	DCF	B4	14B	RECEIVER OUTPUT	
05620		XA250	44		XA245	39			16B	9		DYA20DR	01			EXT					
05621		XA245	39									DYA20DR	02			DCF					
10950		XA247	47		XA245	41			16B	9		DYA20DX4	00			RR4	E3				B04
05622		XA245	41		XA250	43			16B	9		DYA20DX4	01	DYA20DX400	1	DCF	B5		16A	DRIVER OUTPUT - C	C02
05623		XA250	43									DYA20DX4	02			EXT					
05624		XA239	69		XA245	40			16B	9		DYA200X	01	DD05CTA	01	1	MUX	E1	32A		
05625		XA245	40									DYA200X	02	DYA200X	00	1	DCF	B6	15A	RECEIVER OUTPUT	
05626		XA250	46		XA245	21			16B	9		DYA21DR	01			EXT					
05627		XA245	21									DYA21DR	02			DCF					
10948		XA247	45		XA245	23			16B	9		DYA21DX4	00			RR4	E4				B04
05628		XA245	23		XA250	45			16B	9		DYA21DX4	01	DYA21DX400	1	DCF	B7		10A	DRIVER OUTPUT - C	
05629		XA250	45									DYA21DX4	02			EXT					
05630		XA239	75		XA245	30			16B	9		DYA210X	01	DD05CTB	01	1	MUX	E2	35B		
05631		XA245	30									DYA210X	02	DYA210X	00	1	DCF	B8	11A	RECEIVER OUTPUT	
05632		XA250	48		XA245	45			16B	9		DYA22DR	01			EXT					
05633		XA245	45									DYA22DR	02			DCF			27A		
10945		XA247	41		XA245	46			16B	9		DYA22DX4	00			RR4	E5				C02
05634		XA245	46		XA250	47			16B	9		DYA22DX4	01	DYA22DX400	1	DCF	C1		25B	DRIVER OUTPUT - C	
05635		XA250	47									DYA22DX4	02			EXT					
05636		XA239	70		XA245	47			16B	9		DYA220X	01	DD05CTC	01	1	MUX	E3	34A		
05637		XA245	47									DYA220X	02	DYA220X	00	1	DCF	C2	26B	RECEIVER OUTPUT	
05638		XA250	50		XA245	58			16B	9		DYA23DR	01			EXT					
05639		XA245	58									DYA23DR	02			DCF					
10964		XA247	62		XA245	55			16B	9		DYA23DX4	00			RR4	F1				B04
05640		XA245	55		XA250	49			16B	9		DYA23DX4	01	DYA23DX400	1	DCF	C3		30B	DRIVER OUTPUT - C	
05641		XA250	49									DYA23DX4	02			EXT					
05642		XA239	76		XA245	56			16B	9		DYA230X	01	DD05CTD	01	1	MUX	F4	37A		
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05643		XA245	56										DYA230X	02	DYA230X	00	1	DCF	C4		29B	RECEIVER OUTPUT	
05644		XA250	52		XA245	53				168	9		DYA24DR	01				EXT					
05645		XA245	53										DYA24DR	02				DCF					
10959		XA247	56		XA245	60				168	9		DYA24DX4	00				RR4	F2				804
05646		XA245	60		XA250	51				168	9		DYA24DX4	01	DYA24DX400	1	DCF	C5			31B	DRIVER OUTPUT - C	
05647		XA250	51										DYA24DX4	02				EXT					
05648		XA238	51		XA245	57				168	9		DYA240X	01	DD06CTA	01	1	MUX	D1		25B		
05649		XA245	57										DYA240X	02	DYA240X	00	1	DCF	C6		31A	RECEIVER OUTPUT	
05650		XA250	54		XA245	44				168	9		DYA25DR	01				EXT					
05651		XA245	44										DYA25DR	02				DCF					
10958		XA247	55		XA245	43				168	9		DYA25DX4	00				RR4	F3				804
05652		XA245	43		XA250	53				168	9		DYA25DX4	01	DYA25DX400	1	DCF	C7			25A	DRIVER OUTPUT - C	
05653		XA250	53										DYA25DX4	02				EXT					
05654		XA238	57		XA245	48				168	9		DYA250X	01	DD06CTB	01	1	MUX	D2		29B		
05655		XA245	48										DYA250X	02	DYA250X	00	1	DCF	C8		26A	RECEIVER OUTPUT	
05656		XA250	56		XA245	67				168	9		DYA26DR	01				EXT					
05657		XA245	67										DYA26DR	02				DCF					
10956		XA247	53		XA245	65				168	9		DYA26DX4	00				RR4	F4				804
05658		XA245	65		XA250	55				168	9		DYA26DX4	01	DYA26DX400	1	DCF	D1			32B	DRIVER OUTPUT - C	
05659		XA250	55										DYA26DX4	02				EXT					
05660		XA238	54		XA245	69				168	9		DYA260X	01	DD06CTC	01	1	MUX	D3		26A		
05661		XA245	69										DYA260X	02	DYA260X	00	1	DCF	D2		33B	RECEIVER OUTPUT	
05662		XA250	58		XA245	79				168	9		DYA27DR	01				EXT					
05663		XA245	79										DYA27DR	02				DCF			40B		
10954		XA247	51		XA245	78				168	9		DYA27DX4	00				RR4	F5				804
05664		XA245	78		XA250	57				168	9		DYA27DX4	01	DYA27DX400	1	DCF	D3			37B	DRIVER OUTPUT - C	
05665		XA250	57										DYA27DX4	02				EXT					
05666		XA238	62		XA245	75				168	9		DYA270X	01	DD06CTD	01	1	MUX	D4		29A		
05667		XA245	75										DYA270X	02	DYA270X	00	1	DCF	D4		36B	RECEIVER OUTPUT	
05668		XA250	60		XA245	77				168	9		DYA28DR	01				EXT					
05669		XA245	77										DYA28DR	02				DCF					
10973		XA247	72		XA245	80				168	9		DYA28DX4	00				RR4	G1				804
05670		XA245	80		XA250	59				168	9		DYA28DX4	01	DYA28DX400	1	DCF	D5			38B	DRIVER OUTPUT - C	
05671		XA250	59										DYA28DX4	02				EXT					
05672		XA238	69		XA245	76				168	9		DYA280X	01	DD07CTA	01	1	MUX	F1		32A		
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149017-800
CARD CAGE ASSY B,IFCU

STRING
UNIT ASSEMBLY NO.
FILE IDENT

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T39C1FC7

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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	SH TO	MULTI GROUP	CODE	COLOR	IDENT									AND	OR		
05673		XA245	76									DYA280X	02	DYA280X	00	1	DCF	D6		38A	RECEIVER OUTPUT		
05674		XA250	62		XA245	59			16B	9		DYA29DR	01				EXT						
05675		XA245	59									DYA29DR	02				DCF						
10968		XA247	66		XA245	61			16B	9		DYA29DX4	00				RR4	G2				B04	
05676		XA245	61		XA250	61			16B	9		DYA29DX4	01	DYA29DX400	1	DCF	D7			33A	DRIVER OUTPUT - C		
05677		XA250	61									DYA29DX4	02				EXT						
05678		XA238	75		XA245	68			16B	9		DYA290X	01	DD07CTB	01	1	MUX	E2		35B			
05679		XA245	68									DYA290X	02	DYA290X	00	1	DCF	D8		34A	RECEIVER OUTPUT		
05680		XA250	64		XA244	67			16B	9		DYA30DR	01				EXT						
05681		XA244	67									DYA30DR	02				DCF						
10967		XA247	65		XA244	65			16B	9		DYA30DX4	00				RR4	G3				B04	
05682		XA244	65		XA250	63			16B	9		DYA30DX4	01	DYA30DX400	1	DCF	D1			32B	DRIVER OUTPUT - C		
05683		XA250	63									DYA30DX4	02				EXT						
05684		XA238	70		XA244	69			16B	9		DYA300X	01	DD07CTC	01	1	MUX	E3		34A			
05685		XA244	69									DYA300X	02	DYA300X	00	1	DCF	D2		33B	RECEIVER OUTPUT		
05686		XA250	66		XA244	79			16B	9		DYA31DR	01				EXT						
05687		XA244	79									DYA31DR	02				DCF			40B			
10965		XA247	63		XA244	78			16B	9		DYA31DX4	00				RR4	G4				B04	
05688		XA244	78		XA250	65			16B	9		DYA31DX4	01	DYA31DX400	1	DCF	D3			37B	DRIVER OUTPUT - C		
05689		XA250	65									DYA31DX4	02				EXT						
05690		XA238	76		XA244	75			16B	9		DYA310X	01	DD07CTD	01	1	MUX	E4		37A			
05691		XA244	75									DYA310X	02	DYA310X	00	1	DCF	D4		36B	RECEIVER OUTPUT		
05692		XA351	70		XA347	05			16B	9		DYBACDR	01				EXT						
05693		XA347	05									DYBACDR	02				DCF						
10979		XA247	78		XA347	07			16B	9		DYBACDX4	00				RR4	H1				B04	
05694		XA347	07		XA351	69			16B	9		DYBACDX4	01	DYBACDX400	1	DCF	A1			02B	ADD CONTROL DRIVE		
05695		XA351	69									DYBACDX4	02				EXT						
11327		XA348	35		XA351	74			16B	9		DYBSIGX	01				SHT					B06	
02228		XA351	74									DYBSIGX	02				EXT						
11330		XA348	38		XA351	73			16B	9		DYBS1HX	01				SHT					B06	
02230		XA351	73									DYBS1HX	02				EXT						
05696		XA351	02		XA347	19			16B	9		DYBOPDR	01				EXT						
05697		XA347	19									DYBOPDR	02				DCF						
10977		XA247	76		XA347	17			16B	9		DYBOPDX4	00				RR4	H2				B04	
05698		XA347	17		XA351	01			16B	9		DYBOPDX4	01	DYBOPDX400	1	DCF	A3			07B	DRIVER OUTPUT - C		
									****	SIGNAL		DYBOPDX4		IS ON THE		NEXT PAGE	****						

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149017-800 STRING
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	PREFIX	CONNECTOR	PIN	SH PG	PREFIX	CONNECTOR	PIN	DR	MULTI GROUP	CODE													COLOR
05699		XA351	01										DYBOPDX4	02			EXT						
05700		XA237	53		XA347	15			16B	9			DYBOPOX	01	DD08CTA	01	2	MUX	D1	26B			
05701		XA347	15										DYBOPOX	02	DYBOPOX	00	1	DCF	A4	06B	RECEIVER OUTPUT -		
05702		XA351	04		XA347	16			16B	9			DYB00DR	01			EXT						
05703		XA347	16										DYB00DR	02			DCF						
10976		XA247	75		XA347	14			16B	9			DYB00DX4	00			RR4	H3		08B	DRIVER OUTPUT -	B04	
05704		XA347	14		XA351	03			16B	9			DYB00DX4	01	DYB00DX400	1	1	DCF	A5				
05705		XA351	03										DYB00DX4	02			EXT						
05706		XA240	53		XA347	10			16B	9			DYB000X	01	DD00CTA	01	2	MUX	D1	26B			
05707		XA347	10										DYB000X	02	DYB000X	00	1	DCF	A6	07A	RECEIVER BIT 0 CO		
05708		XA351	06		XA347	02			16B	9			DYB01DR	01			EXT						
05709		XA347	02										DYB01DR	02			DCF			01A			
10974		XA247	73		XA347	01			16B	9			DYB01DX4	00			RR4	H4		02A	DRIVER OUTPUT -	B04	
05710		XA347	01		XA351	05			16B	9			DYB01DX4	01	DYB01DX400	1	1	DCF	A7				
05711		XA351	05										DYB01DX4	02			EXT						
05712		XA240	59		XA347	03			16B	9			DYB010X	01	DD00CTB	01	2	MUX	D2	30B			
05713		XA347	03										DYB010X	02	DYB010X	00	1	DCF	A8	03A	DATA BIT 0 + MEM		
05714		XA351	08		XA347	25			16B	9			DYB02DR	01			EXT						
05715		XA347	25										DYB02DR	02			DCF						
10972		XA247	71		XA347	27			16B	9			DYB02DX4	00			RR4	H5		10B	DRIVER OUTPUT -	B04	
05716		XA347	27		XA351	07			16B	9			DYB02DX4	01	DYB02DX400	1	1	DCF	B1				
05717		XA351	07										DYB02DX4	02			EXT						
05718		XA240	56		XA347	29			16B	9			DYB020X	01	DD00CTC	01	2	MUX	D3	28B			
05719		XA347	29										DYB020X	02	DYB020X	00	1	DCF	B2	11B	RECEIVER OUTPUT -		
05720		XA351	10		XA347	42			16B	9			DYB03DR	01			EXT						
05721		XA347	42										DYB03DR	02			DCF			20B			
11520		XA344	36		XA347	37			16B	9			DYB03DX4	00			RR4	C1		15B	DRIVER OUTPUT -	B04	
05722		XA347	37		XA351	09			16B	9			DYB03DX4	01	DYB03DX400	1	1	DCF	B3				
05723		XA351	09										DYB03DX4	02			EXT						
05724		XA240	64		XA347	35			16B	9			DYB030X	01	DD00CTD	01	2	MUX	D4	30A			
05725		XA347	35										DYB030X	02	DYB030X	00	1	DCF	B4	14B	RECEIVER OUTPUT -		
05726		XA351	12		XA347	39			16B	9			DYB04DR	01			EXT						
05727		XA347	39										DYB04DR	02			DCF						
11522		XA344	38		XA347	41			16B	9			DYB04DX4	00			RR4	C2		16A	DRIVER OUTPUT -	B04	
05728		XA347	41		XA351	11			16B	9			DYB04DX4	01	DYB04DX400	1	1	DCF	B5				
												****	SIGNAL	(DYB04DX4)	IS ON THE NEXT PAGE				****				

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	PREFIX	CONNECTOR	PIN	PREFIX	CONNECTOR	PIN	WIRE NO	MULTI GROUP	CODE	COLOR	IDENT													
05729		XA351	11									DYB04DX4	02				EXT							
05730		XA240	71		XA347	40			16B	9		DYB040X	01	DD01CTA	01	2	MUX	E1		33B				
05731		XA347	40									DYB040X	02	DYB040X	00	1	DCF	B6		15A	RECEIVER OUTPUT -			
05732		XA351	14		XA347	21			16B	9		DYB05DR	01				EXT							
05733		XA347	21									DYB05DR	02				DCF							
11516		XA344	23		XA347	23			16B	9		DYB05DX4	00				RR4	C3				B04		
05734		XA347	23		XA351	13			16B	9		DYB05DX4	01	DYB05DX400	1		DCF	B7		10A	DRIVER OUTPUT - C			
05735		XA351	13									DYB05DX4	02				EXT							
05736		XA240	77		XA347	30			16B	9		DYB050X	01	DD01CTB	01	2	MUX	E2		36B				
05737		XA347	30									DYB050X	02	DYB050X	00	1	DCF	B8		11A	RECEIVER OUTPUT -			
05738		XA351	16		XA347	45			16B	9		DYB06DR	01				EXT							
05739		XA347	45									DYB06DR	02				DCF			27A				
11517		XA344	25		XA347	46			16B	9		DYB06DX4	00				RR4	C4				B04		
05740		XA347	46		XA351	15			16B	9		DYB06DX4	01	DYB06DX400	1		DCF	C1		25B	DRIVER OUTPUT - C			
05741		XA351	15									DYB06DX4	02				EXT							
05742		XA240	72		XA347	47			16B	9		DYB060X	01	DD01CTC	01	2	MUX	E3		35A				
05743		XA347	47									DYB060X	02	DYB060X	00	1	DCF	C2		26B	RECEIVER OUTPUT -			
05744		XA351	18		XA347	58			16B	9		DYB07DR	01				EXT							
05745		XA347	58									DYB07DR	02				DCF							
11518		XA344	29		XA347	55			16B	9		DYB07DX4	00				RR4	C5				B04		
05746		XA347	55		XA351	17			16B	9		DYB07DX4	01	DYB07DX400	1		DCF	C3		30B	DRIVER OUTPUT - C	C02		
05747		XA351	17									DYB07DX4	02				EXT					C02		
05748		XA240	78		XA347	56			16B	9		DYB070X	01	DD01CTD	01	2	MUX	E4		38A		C02		
05749		XA347	56									DYB070X	02	DYB070X	00	1	DCF	C4		29B	RECEIVER OUTPUT -	C02		
05750		XA351	20		XA347	53			16B	9		DYB08DR	01				EXT							
05751		XA347	53									DYB08DR	02				DCF							
11525		XA344	42		XA347	60			16B	9		DYB08DX4	00				RR4	D1				B04		
05752		XA347	60		XA351	19			16B	9		DYB08DX4	01	DYB08DX400	1		DCF	C5		31B	DRIVER OUTPUT - C			
05753		XA351	19									DYB08DX4	02				EXT							
05754		XA343	53		XA347	57			16B	9		DYB080X	01	DD02CTA	01	2	MUX	D1		26B				
05755		XA347	57									DYB080X	02	DYB080X	00	1	DCF	C6		31A	RECEIVER OUTPUT -			
05756		XA351	22		XA347	44			16B	9		DYB09DR	01				EXT							
05757		XA347	44									DYB09DR	02				DCF							
11527		XA344	46		XA347	43			16B	9		DYB09DX4	00				RR4	D2				B04		
05758		XA347	43		XA351	21			16B	9		DYB09DX4	01	DYB09DX400	1		DCF	C7		25A	DRIVER OUTPUT - C			
												****	SIGNAL	(DYB09DX4)	IS ON THE NEXT PAGE				****					

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149017-800
CARD CAGE ASSY B,IFCU

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	PREFIX	CONNECTOR	PIN	SH FC	PREFIX	CONNECTOR	PIN	SH FC	MULTI GROUP	CODE												
05759		XA351	21										DYB09DX4	02			EXT					
05760		XA343	59		XA347	48			16B	9			DYB090X	01	DD02CTB	01	2	MUX	D2		30B	
05761		XA347	48										DYB090X	02	DYB090X	00	1	DCF	C8		26A	RECEIVER OUTPUT -
05762		XA351	24		XA347	67			16B	9			DYB10DR	01			EXT					
05763		XA347	67										DYB10DR	02			DCF					
11519		XA344	35		XA347	65			16B	9			DYB10DX4	00			RR4	D3				B04
05764		XA347	65		XA351	23			16B	9			DYB10DX4	01	DYB10DX400	1	1	DCF	D1		32B	DRIVER OUTPUT - C
05765		XA351	23										DYB10DX4	02			EXT					
05766		XA343	56		XA347	69			16B	9			DYB100X	01	DD02CTC	01	2	MUX	D3		28B	
05767		XA347	69										DYB100X	02	DYB100X	00	1	DCF	D2		33B	RECEIVER OUTPUT -
05768		XA351	26		XA347	79			16B	9			DYB11DR	01			EXT					
05769		XA347	79										DYB11DR	02			DCF				40B	
11521		XA344	37		XA347	78			16B	9			DYB11DX4	00			RR4	D4				B04
05770		XA347	78		XA351	25			16B	9			DYB11DX4	01	DYB11DX400	1	1	DCF	D3		37B	DRIVER OUTPUT - C
05771		XA351	25										DYB11DX4	02			EXT					
05772		XA343	64		XA347	75			16B	9			DYB110X	01	DD02CTD	01	2	MUX	D4		30A	
05773		XA347	75										DYB110X	02	DYB110X	00	1	DCF	D4		36B	RECEIVER OUTPUT -
05774		XA351	28		XA347	77			16B	9			DYB12DR	01			EXT					
05775		XA347	77										DYB12DR	02			DCF					
11523		XA344	39		XA347	80			16B	9			DYB12DX4	00			RR4	D5				B04
05776		XA347	80		XA351	27			16B	9			DYB12DX4	01	DYB12DX400	1	1	DCF	D5		38B	DRIVER OUTPUT - C
05777		XA351	27										DYB12DX4	02			EXT					
05778		XA343	71		XA347	76			16B	9			DYB120X	01	DD03CTA	01	2	MUX	E1		33B	
05779		XA347	76										DYB120X	02	DYB120X	00	1	DCF	D6		38A	RECEIVER OUTPUT -
05780		XA351	30		XA347	59			16B	9			DYB13DR	01			EXT					
05781		XA347	59										DYB13DR	02			DCF					
11531		XA344	52		XA347	61			16B	9			DYB13DX4	00			RR4	E1				
05782		XA347	61		XA351	29			16B	9			DYB13DX4	01	DYB13DX400	1	1	DCF	D7		33A	DRIVER OUTPUT - C
05783		XA351	29										DYB13DX4	02			EXT					
05784		XA343	77		XA347	68			16B	9			DYB130X	01	DD03CTB	01	2	MUX	E2		36B	
05785		XA347	68										DYB130X	02	DYB130X	00	1	DCF	D8		34A	RECEIVER OUTPUT -
05786		XA351	32		XA346	05			16B	9			DYB14DR	01			EXT					
05787		XA346	05										DYB14DR	02			DCF					
11529		XA344	48		XA346	07			16B	9			DYB14DX4	00			RR4	E2				B04
05788		XA346	07		XA351	31			16B	9			DYB14DX4	01	DYB14DX400	1	1	DCF	A1		02B	DRIVER OUTPUT - C
									****		SIGNAL	{DYB14DX4}		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	REL TO	PREFIX	CONNECTOR	PIN	REL TO	MULTI GROUP	CODE	COLOR	IDENT										
05789		XA351	31										DYB14DX4	02			EXT					
05790		XA343	72		XA346	09			16B	9			DYB140X	01	DD03CTC	01	2	MUX	E3		35A	
05791		XA346	09										DYB140X	02	DYB140X	00	1	DCF	A2		03B	RECEIVER OUTPUT -
05792		XA351	34		XA346	19			16B	9			DYB15DR	01			EXT					
05793		XA346	19										DYB15DR	02			DCF					
11528		XA344	47		XA346	17			16B	9			DYB15DX4	00			RR4	E3			07B	DRIVER OUTPUT - C
05794		XA346	17		XA351	33			16B	9			DYB15DX4	01	DYB15DX400	1	DCF	A3				
05795		XA351	33										DYB15DX4	02			EXT					
05796		XA343	78		XA346	15			16B	9			DYB150X	01	DD03CTD	01	2	MUX	E4		38A	
05797		XA346	15										DYB150X	02	DYB150X	00	1	DCF	A4		06B	RECEIVER OUTPUT -
05798		XA351	36		XA346	16			16B	9			DYB16DR	01			EXT					
05799		XA346	16										DYB16DR	02			DCF					
11526		XA344	45		XA346	14			16B	9			DYB16DX4	00			RR4	E4				804
05800		XA346	14		XA351	35			16B	9			DYB16DX4	01	DYB16DX400	1	DCF	A5			08B	DRIVER OUTPUT - C
05801		XA351	35										DYB16DX4	02			EXT					
05802		XA239	53		XA346	10			16B	9			DYB160X	01	DD04CTA	01	2	MUX	D1		26B	
05803		XA346	10										DYB160X	02	DYB160X	00	1	DCF	A6		07A	RECEIVER OUTPUT -
05804		XA351	38		XA346	02			16B	9			DYB17DR	01			EXT					
05805		XA346	02										DYB17DR	02			DCF				01A	
11524		XA344	41		XA346	01			16B	9			DYB17DX4	00			RR4	E5				804
05806		XA346	01		XA351	37			16B	9			DYB17DX4	01	DYB17DX400	1	DCF	A7			02A	DRIVER OUTPUT - C
05807		XA351	37										DYB17DX4	02			EXT					
05808		XA239	59		XA346	03			16B	9			DYB170X	01	DD04CTB	01	2	MUX	D2		30B	
05809		XA346	03										DYB170X	02	DYB170X	00	1	DCF	A8		03A	RECEIVER OUTPUT -
05810		XA351	40		XA346	25			16B	9			DYB18DR	01			EXT					
05811		XA346	25										DYB18DR	02			DCF					
11536		XA344	62		XA346	27			16B	9			DYB18DX4	00			RR4	F1				804
05812		XA346	27		XA351	39			16B	9			DYB18DX4	01	DYB18DX400	1	DCF	B1			10B	DRIVER OUTPUT - C
05813		XA351	39										DYB18DX4	02			EXT					
05814		XA239	56		XA346	29			16B	9			DYB180X	01	DD04CTC	01	2	MUX	D3		28B	
05815		XA346	29										DYB180X	02	DYB180X	00	1	DCF	B2		11B	RECEIVER OUTPUT -
05816		XA351	42		XA346	42			16B	9			DYB19DR	01			EXT					
05817		XA346	42										DYB19DR	02			DCF				20B	
11534		XA344	56		XA346	37			16B	9			DYB19DX4	00			RR4	F2				804
05818		XA346	37		XA351	41			16B	9			DYB19DX4	01	DYB19DX400	1	DCF	B3			15B	DRIVER OUTPUT - C
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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	PREFIX	CONNECTOR	PIN	SH	MULTI GROUP	CODE	COLOR	IDENT											
05819		XA351	41										DYB19DX4	02			EXT						
05820		XA239	64		XA346	35			168	9			DYB190X	01	DD04CTD	01	2	MUX	D4		30A		
05821		XA346	35										DYB190X	02	DYB190X	00	1	DCF	B4		14B	RECEIVER OUTPUT -	
05822		XA351	44		XA346	39			168	9			DYB20DR	01			EXT						
05823		XA346	39										DYB20DR	02			DCF						
11533		XA344	55		XA346	41			168	9			DYB20DX4	00			RR4	F3					804
05824		XA346	41		XA351	43			168	9			DYB20DX4	01	DYB20DX400	1	DCF	B5			16A	DRIVER OUTPUT -	
05825		XA351	43										DYB20DX4	02			EXT						
05826		XA239	71		XA346	40			168	9			DYB200X	01	DD05CTA	01	2	MUX	E1		33B		
05827		XA346	40										DYB200X	02	DYB200X	00	1	DCF	B6		15A	RECEIVER OUTPUT -	
05828		XA351	46		XA346	21			168	9			DYB21DR	01			EXT						
05829		XA346	21										DYB21DR	02			DCF						
11532		XA344	53		XA346	23			168	9			DYB21DX4	00			RR4	F4					804
05830		XA346	23		XA351	45			168	9			DYB21DX4	01	DYB21DX400	1	DCF	B7			10A	DRIVER OUTPUT -	
05831		XA351	45										DYB21DX4	02			EXT						
05832		XA239	77		XA346	30			168	9			DYB210X	01	DD05CTB	01	2	MUX	E2		36B		
05833		XA346	30										DYB210X	02	DYB210X	00	1	DCF	B8		11A	RECEIVER OUTPUT -	
05834		XA351	48		XA346	45			168	9			DYB22DR	01			EXT						
05835		XA346	45										DYB22DR	02			DCF					27A	
11530		XA344	51		XA346	46			168	9			DYB22DX4	00			RR4	F5					804
05836		XA346	46		XA351	47			168	9			DYB22DX4	01	DYB22DX400	1	DCF	C1			25B	DRIVER OUTPUT -	
05837		XA351	47										DYB22DX4	02			EXT						
05838		XA239	72		XA346	47			168	9			DYB220X	01	DD05CTC	01	2	MUX	E3		35A		
05839		XA346	47										DYB220X	02	DYB220X	00	1	DCF	C2		26B	RECEIVER OUTPUT -	
05840		XA351	50		XA346	58			168	9			DYB23DR	01			EXT						
05841		XA346	58										DYB23DR	02			DCF						
11541		XA344	72		XA346	55			168	9			DYB23DX4	00			RR4	G1					804
05842		XA346	55		XA351	49			168	9			DYB23DX4	01	DYB23DX400	1	DCF	C3			30B	DRIVER OUTPUT -	
05843		XA351	49										DYB23DX4	02			EXT						
05844		XA239	78		XA346	56			168	9			DYB230X	01	DD05CTD	01	2	MUX	E4		38A		
05845		XA346	56										DYB230X	02	DYB230X	00	1	DCF	C4		29B	RECEIVER OUTPUT -	
05846		XA351	52		XA346	53			168	9			DYB24DR	01			EXT						
05847		XA346	53										DYB24DR	02			DCF						
11539		XA344	66		XA346	60			168	9			DYB24DX4	00			RR4	G2					804
05848		XA346	60		XA351	51			168	9			DYB24DX4	01	DYB24DX400	1	DCF	C5			31B	DRIVER OUTPUT -	
									****		SIGNAL	(DYB24DX4)			IS ON THE		NEXT PAGE	****					

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RECORD NUMBER	PREFIX	CONNECTOR	PIN	DR PC	PREFIX	CONNECTOR	PIN	MULTI GROUP	CODE	COLOR	IDENT	SPEC. IN CHAS	SIGNAL	SEQ NO	EQUATION	TERM	FACTC	OR CHIP TYPE	GROUP	OR POWER PLANE	POINTS		SIGNAL DESCRIPTION	ECO NO		
																					AND	OR				
05849		XA351	51										DYB24DX4	02				EXT								
05850		XA238	53			XA346	57		16B	9			DYB240X	01	DD06CTA	01	2	MUX	D1		26B					
05851		XA346	57										DYB240X	02	DYB240X	00	1	DCF	C6		31A		RECEIVER OUTPUT -			
05852		XA351	54			XA346	44		16B	9			DYB25DR	01				EXT								
05853		XA346	44										DYB25DR	02				DCF								
11538		XA344	65			XA346	43		16B	9			DYB25DX4	00				RR4	G3					804		
05854		XA346	43			XA351	53		16B	9			DYB25DX4	01	DYB25DX400	1		DCF	C7		25A		DRIVER OUTPUT - C			
05855		XA351	53										DYB25DX4	02				EXT								
05856		XA238	59			XA346	48		16B	9			DYB250X	01	DD06CTB	01	2	MUX	D2		30B					
05857		XA346	48										DYB250X	02	DYB250X	00	1	DCF	C8		26A		RECEIVER OUTPUT -			
05858		XA351	56			XA346	67		16B	9			DYB26DR	01				EXT								
05859		XA346	67										DYB26DR	02				DCF								
11537		XA344	63			XA346	65		16B	9			DYB26DX4	00				RR4	G4					804		
05860		XA346	65			XA351	55		16B	9			DYB26DX4	01	DYB26DX400	1		DCF	D1		32B		DRIVER OUTPUT - C			
05861		XA351	55										DYB26DX4	02				EXT								
05862		XA238	56			XA346	69		16B	9			DYB260X	01	DD06CTC	01	2	MUX	D3		28B					
05863		XA346	69										DYB260X	02	DYB260X	00	1	DCF	D2		33B		RECEIVER OUTPUT -			
05864		XA351	58			XA346	79		16B	9			DYB27DR	01				EXT								
05865		XA346	79										DYB27DR	02				DCF				40B				
11535		XA344	61			XA346	78		16B	9			DYB27DX4	00				RR4	G5					804		
05866		XA346	78			XA351	57		16B	9			DYB27DX4	01	DYB27DX400	1		DCF	D3		37B		DRIVER OUTPUT - C			
05867		XA351	57										DYB27DX4	02				EXT								
05868		XA238	64			XA346	75		16B	9			DYB270X	01	DD06CTD	01	2	MUX	D4		30A					
05869		XA346	75										DYB270X	02	DYB270X	00	1	DCF	D4		36B		RECEIVER OUTPUT -			
05870		XA351	60			XA346	77		16B	9			DYB28DR	01				EXT								
05871		XA346	77										DYB28DR	02				DCF								
11545		XA344	78			XA346	80		16B	9			DYB28DX4	00				RR4	H1					804		
05872		XA346	80			XA351	59		16B	9			DYB28DX4	01	DYB28DX400	1		DCF	D5		38B		DRIVER OUTPUT - C			
05873		XA351	59										DYB28DX4	02				EXT								
05874		XA238	71			XA346	76		16B	9			DYB280X	01	DD07CTA	01	2	MUX	E1		33B					
05875		XA346	76										DYB280X	02	DYB280X	00	1	DCF	D6		38A		RECEIVER OUTPUT -			
05876		XA351	62			XA346	59		16B	9			DYB29DR	01				EXT								
05877		XA346	59										DYB29DR	02				DCF								
11544		XA344	76			XA346	61		16B	9			DYB29DX4	00				RR4	H2					804		
05878		XA346	61			XA351	61		16B	9			DYB29DX4	01	DYB29DX400	1		DCF	D7		33A		DRIVER OUTPUT - C			
													****	SIGNAL	(DYB29DX4)	IS ON THE NEXT PAGE										****

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	PREFIX	CONNECTOR	PIN	SH 10	PREFIX	CONNECTOR	PIN	SH 10	MULTI GROUP	CODE	COLOR	IDENT												
05879		XA351	61										DYB29DX4	02			EXT							
05880		XA238	77		XA346	68			16B	9			DYB290X	01	DD07CTB	01	2	MUX	E2		36B			
05881		XA346	68										DYB290X	02	DYB290X	00	1	DCF	D8		34A	RECEIVER OUTPUT -		
05882		XA351	64		XA345	05			16B	9			DYB30DR	01			EXT							
05883		XA345	05										DYB30DR	02			DCF							
11543		XA344	75		XA345	07			16B	9			DYB30DX4	00			RR4	H3			02B	DRIVER OUTPUT -	B04	
05884		XA345	07		XA351	63			16B	9			DYB30DX4	01	DYB30DX4	00	1	DCF	A1					
05885		XA351	63										DYB30DX4	02			EXT							
05886		XA238	72		XA345	09			16B	9			DYB300X	01	DD07CTC	01	2	MUX	E3		35A			
05887		XA345	09										DYB300X	02	DYB300X	00	1	DCF	A2		03B	RECEIVER OUTPUT -		
05888		XA351	66		XA345	19			16B	9			DYB31DR	01			EXT							
05889		XA345	19										DYB31DR	02			DCF							
11542		XA344	73		XA345	17			16B	9			DYB31DX4	00			RR4	H4			07B	DRIVER OUTPUT -	B04	
05890		XA345	17		XA351	65			16B	9			DYB31DX4	01	DYB31DX4	00	1	DCF	A3					
05891		XA351	65										DYB31DX4	02			EXT							
05892		XA238	78		XA345	15			16B	9			DYB310X	01	DD07CTD	01	2	MUX	E4		38A			
05893		XA345	15										DYB310X	02	DYB310X	00	1	DCF	A4		06B	RECEIVER OUTPUT -		
05894		XA306	41		XA224	27			16B	9			DOVERA	01	DOVERA	01	1	TDD	H0		22B			
11701		XA224	27										DOVERA	02	DOVERA	00	1	TQ2	B4		13B			
02969		XA223	50		XA306	45			16B	9			DOVERP	01	DMTOVO	01	2	TQ2	D2		23A			
05898		XA306	45										DOVERP	03	DOVERP	00	1	TDD	HP		24B			
05899		XA306	43		XA319	31			16B	9			DOVERQ	01	DOVERQ	00	1	TDD	H0		23B	ERROR - OVERFLOW		
02379		XA319	31										DOVERQ	02	DXDD41X	01	6	MUX	B1		14B			
05901		XA106	39		XA224	23			16B	9			DOVERO	01	DOVERO	00	1	TQ2	C4		19B			
07274		XA224	23										DOVERO	02	DOVERA	01	1	TQ2	B4		11B			
05903		XA106	35		XA105	50			16B	9			DOVE1A	01	DOVERO	01	1	TQ2	C4		17B			
05904		XA105	50										DOVE1A	02	DOVE1A	00	1	TT3	D1		23A	WRITE DISC - OVERF		
05905		XA105	43		XA106	37			16B	9			DOVE2A	01	DOVE2A	00	1	TT3	D2		23B	READ DISC - OVERF		
05906		XA106	37										DOVE2A	02	DOVERO	01	2	TQ2	C4		18B			
12416		J01	L1		J01	L3			18D	0			GNDL1L3	01			EX9							
12417		J01	L3										GNDL1L3	02			EX9							
10372		XA146	01		XA146	02			18D	0			GND14602	01			MTS							
12420		XA146	02		XA146	03			18D	0			GND14602	02			MTS							
10373		XA146	03		XA146	04			18D	0			GND14602	03			MTS							
10374		XA146	04		XA249	58		CA	1ED	0			GND14602	04			MTS						C04	
												****	SIGNAL	(GND14602)	IS ON THE NEXT PAGE ****									

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	PREFIX	CONNECTOR	PIN	SH TO	PREFIX	CONNECTOR	PIN	SH TO	MULTI GROUP	CODE	COLOR	IDENY											
11100		XA249	58		XA249	60				168	9		GND14602	05				EXT					C04
11102		XA249	60		XA249	62				168	9		GND14602	06				EXT					C04
11104		XA249	62		XA248	67				168	9		GND14602	07				EXT					C04
58597		XA248	67										GND14602	08									C04
58601		XA142	44		XA142	54				168	9		G24201	01				RR4					D02
10131		XA142	54		XA142	64				168	9		G24201	02				RR4	EC				D02
10140		XA142	64		XA142	74				168	9		G24201	03				RR4	FC				D02
10149		XA142	74		XA142	77				168	9		G24201	04				RR4	GC				D02
10152		XA142	77										G24201	05				RR4	GC				D02
58569		XA242	02		XA242	06				168	9		G24202	00				RR4					B04
06735		XA242	06		XA242	18				168	9		G24202	01				RR4	AC				B04
06736		XA242	18		XA242	30				168	9		G24202	02				RR4	BC				B04
06737		XA242	30		XA242	40				168	9		G24202	03				RR4	CC				B04
06738		XA242	40		XA242	32				168	9		G24202	04				RR4	DC				B04
12421		XA242	32										G24202	05				RR4					B04
58570		XA242	44		XA242	54				168	9		G24244	04				RR4					B04
06739		XA242	54		XA242	64				168	9		G24244	05				RR4	EC				B04
06740		XA242	64		XA242	74				168	9		G24244	06				RR4	FC				B04
06741		XA242	74		XA242	77				168	9		G24244	07				RR4	GC				B04
06742		XA242	77		XA242	67				168	9		G24244	08				RR4	HC				B04
58571		XA242	67										G24244	09				RR4					B04
58572		XA247	02		XA247	06				168	9		G24702	01				RR4					B04
10914		XA247	06		XA247	18				168	9		G24702	02				RR4	AC				B04
10924		XA247	18										G24702	03				RR4	BC				B04
10935		XA247	30		XA247	32				168	9		G24732	01				RR4	CC				B04
58573		XA247	32		XA247	40				168	9		G24732	02				RR4					B04
10944		XA247	40										G24732	03				RR4	DC				B04
58574		XA247	44		XA247	54				168	9		G24744	01				RR4					B04
10957		XA247	54		XA247	64				168	9		G24744	02				RR4	EC				B04
10966		XA247	64										G24744	03				RR4	FC				B04
58575		XA247	67		XA247	74				168	9		G24767	01				RR4					B04
10975		XA247	74		XA247	77				168	9		G24767	02				RR4	GC				B04
10978		XA247	77										G24767	03				RR4	HC				B04
12423		XA248	58		XA249	50				168	9		G24858	01									
11092		XA249	50		XA249	80				168	9		G24858	02				EXT					
11122		XA249	80										G24858	03				EXT					
58576		XA325	32		XA325	40				168	9		G32502	04				RR4					B04
06755		XA325	40		XA325	30				168	9		G32502	05				RR4	DC				B04
06756		XA325	30		XA325	18				168	9		G32502	06				RR4	CC				B04
06757		XA325	18		XA325	06				168	9		G32502	07				RR4	BC				B04
06758		XA325	06		XA325	02				168	9		G32502	08				RR4	AC				B04
										****		SIGNAL	G32502		IS ON THE		NEXT PAGE	****					

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	PREFIX	CONNECTOR	PIN	SH TO	PREFIX	CONNECTOR	PIN	SH TO	MULTI GROUP	CODE	COLOR	IDENT											
12422		XA325	02										G32502	09				RR4					B04
58577		XA325	67		XA325	77				168	9		G32544	00				RR4					B04
06751		XA325	77		XA325	74				168	9		G32544	01				RR4	HC				B04
06752		XA325	74		XA325	64				168	9		G32544	02				RR4	GC				B04
06753		XA325	64		XA325	54				168	9		G32544	03				RR4	FC				B04
06754		XA325	54		XA325	44				168	9		G32544	04				RR4	EC				B04
58578		XA325	44										G32544	05				RR4					B04
58579		XA325	67		XA325	79				168	9		G32567	01				RR4					B04
00017		XA325	79		XA325	80				168	9		G32567	02				RR4	HP				B04
00018		XA325	80										G32567	03				RR4	HP				B04
58458		XA344	02		XA344	06				168	9		G34402	01				RR4					B04
06743		XA344	06		XA344	18				168	9		G34402	02				RR4	AC				B04
06744		XA344	18		XA344	30				168	9		G34402	03				RR4	BC				B04
06745		XA344	30		XA344	40				168	9		G34402	04				RR4	CC				B04
06746		XA344	40		XA344	32				168	9		G34402	05				RR4	DC				B04
58580		XA344	32										G34402	06				RR4					B04
58581		XA344	44		XA344	54				168	9		G34444	05				RR4					B04
06747		XA344	54		XA344	64				168	9		G34444	06				RR4	EC				B04
06748		XA344	64		XA344	74				168	9		G34444	07				RR4	FC				B04
06749		XA344	74		XA344	77				168	9		G34444	071				RR4	GC				B04
06750		XA344	77		XA344	67				168	9		G34444	08				RR4	HC				B04
58582		XA344	67										G34444	09				RR4					B04
58583		XA442	32		XA442	40				168	9		G44202	04				RR4					B04
51164		XA442	40		XA442	30				168	9		G44202	05				RR4	DC				B04
51165		XA442	30		XA442	18				168	9		G44202	06				RR4	CC				B04
51166		XA442	18		XA442	06				168	9		G44202	07				RR4	BC				B04
51167		XA442	06		XA442	02				168	9		G44202	08				RR4	AC				B04
58461		XA442	02										G44202	09				RR4					B04
58584		XA442	67		XA442	77				168	9		G44244	00				RR4					B04
51160		XA442	77		XA442	74				168	9		G44244	01				RR4	HC				B04
51161		XA442	74		XA442	64				168	9		G44244	02				RR4	GC				B04
51162		XA442	64		XA442	54				168	9		G44244	03				RR4	FC				B04
51163		XA442	54		XA442	44				168	9		G44244	04				RR4	EC				B04
58585		XA442	44										G44244	05				RR4					B04
58592		XA545	32		XA544	40				168	9		G54402	04				DC					B11
51156		XA544	40		XA544	30				168	9		G54402	05				RR4	DC				B04
51157		XA544	30		XA544	18				168	9		G54402	06				RR4	CC				B04
51158		XA544	18		XA544	06				168	9		G54402	07				RR4	BC				B04
51159		XA544	06	3	XA544	02		3		168	9		G54402	08				RR4	AC				B04
58460		XA544	02										G54402	09				RR4					B04
58587		XA544	67		XA544	77				168	9		G54558	00				RR4					B11
51152		XA544	77		XA544	74				168	9		G54558	01				RR4	HC				B11
										***		SIGNAL	G54558										

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STRING

UNIT ASSEMBLY NO.
FILE IDENT

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T39C1FC7

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RECORD NUMBER	FROM				TO				WIRE				SIC UNIT 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	SIC	PREFIX	CONNECTOR	PIN	SIC	MULTI GROUP	CODE	COLOR	IDENT												
51153		XA544	74		XA544	64			168	9			G54558	02				RR4	GC				B11	
51154		XA544	64		XA544	54			168	9			G54558	03				RR4	FC				B11	
51155		XA544	54		XA545	58			168	9			G54558	04				RR4	EC				B11	
58593		XA545	58										G54558	05				DCF					B11	
58459		XA547	02		XA547	06			168	9			G54702	01				RR4					B04	
51144		XA547	06		XA547	18			168	9			G54702	02				RR4	AC				B04	
51145		XA547	18		XA547	30			168	9			G54702	03				RR4	BC				B04	
51146		XA547	30		XA547	40			168	9			G54702	04				RR4	CC				B04	
51147		XA547	40		XA547	32			168	9			G54702	05				RR4	DC				B04	
58589		XA547	32										G54702	06				RR4					B04	
58590		XA547	44		XA547	54			168	9			G54744	05				RR4					B04	
51148		XA547	54		XA547	64			168	9			G54744	06				RR4	EC				B04	
51149		XA547	64		XA547	74			168	9			G54744	07				RR4	FC				B04	
51150		XA547	74		XA547	77			168	9			G54744	08				RR4	GC				B04	
51151		XA547	77		XA547	67			168	9			G54744	09				RR4	HC				B04	
58594		XA547	67										G54744	10				RR4					B04	
12424		J01	E2		XA249	49			168	9			KCIFLT	01				EX9						
11091		XA249	49										KCIFLT	02				EXT						
12425		J01	M2		XA146	40			168	9			LORIF	01				EX9						
10406		XA146	40										LORIF	02				MTS						
10414		XA146	49		XA325	78			168	9			MTSRSTR	01				MTS					B04	
11514		XA325	78										MTSRSTR	02				RR4	H1				B04	
03545		XA327	62		XA242	38			168	9			SPI001	00K			01 4	TS8	E1		29A			
06831		XA242	38		XA219	70			168	9			SPI001	01				RR4	C2					
03168		XA219	70		XA208	22			168	9			SPI001	01C	DXDIRA	01 3	TT3	E1			33A			
04957		XA208	22		XA205	78			168	9			SPI001	01H	DRCA3P	01 1	TDD	CP			12A		B05	
07116		XA205	78		XA204	20			168	9			SPI001	016	DMTIM4U	01 1	DBC	E4			38A		B03	
06832		XA204	20		XA204	03			168	9			SPI001	02		01 1	DBC	B1			10A		B04	
06836		XA204	03		XA103	78			168	9			SPI001	06		01 1	DBC	A3			02B		B05	
06838		XA103	78		XA103	53			168	9			SPI001	08	DREB4A	01 2	TQ2	F4			38A		B05	
06842		XA103	53		XA103	59			168	9			SPI001	12	DT163A	01 1	TQ2	E3			28B			
06843		XA103	59		XA103	62			168	9			SPI001	13	DT164A	01 1	TQ2	F4			31B			
06844		XA103	62		XA103	68			168	9			SPI001	14	DT162A	01 1	TQ2	E2			29A			
06845		XA103	68		XA111	64			168	9			SPI001	15	DT161A	01 1	TQ2	F1			32A		B05	
06848		XA111	64		XA109	79			168	9			SPI001	18	DRSCKA	01 2	TQ2	E2			30A			
06849		XA109	79		XA109	42			168	9			SPI001	19	DVCM00	01 8	TS8	F1			39B			
06853		XA109	42		XA111	42			168	9			SPI001	23	DSAOXA	01 8	TS8	C1			20A			
03194		XA111	42		XA102	08			168	9			SPI001	24	DRENDO	01 2	TQ2	C1			20A		D06	
06860		XA102	08		XA108	13			168	9			SPI001	30	DT1CM0	01 6	TS8	A1			06A			
02997		XA108	13		XA111	07			168	9			SPI001	33	DRRE2A	01 4	TD4	A1			04B			
06864		XA111	07		XA111	05			168	9			SPI001	34	DRCL30	01 2	TQ2	A3			03A			
06865		XA111	05		XA111	10			168	9			SPI001	35	DRCL20	01 2	TQ2	A2			03B			
06866		XA111	10		XA111	25			168	9			SPI001	36	DRCL10	01 2	TQ2	A1			07A			
03209		XA111	25		XA112	65			168	9			SPI001	37	DRENA0	01 2	TQ2	B4			12B		D01	
									****	SIGNAL			SPI001		IS ON THE		NEXT PAGE	****						

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RECORD NUMBER	FROM			TO			WIRE				SIGNAL	SEG NO	EQUATION	TERM	FACTOR	CKT OR CHIP TYPE	GROUP	LOAD OR POWER PLANE	TEST POINTS AND OR	SIGNAL DESCRIPTION	ECO NO
	PREFIX	CONNECTOR	PIN	PREFIX	CONNECTOR	PIN	MULTI GROUP	CODE	COLOR	IDENT											
03607		XA205	64		XA207	53		16B	9		SPI003	20C	DRTA04U	01	1	DBC	D4		30A		
06923		XA207	53		XA207	46		16B	9		SPI003	21	DTS10Q	01	1	TDD	KQ		28B		
06924		XA207	46		XA210	30		16B	9		SPI003	22	DRSNRN	01	1	TDD	HN		21A		
06925		XA210	30		XA209	29		16B	9		SPI003	23	DBTSPN	01	1	TDD	FN		15A		
06926		XA209	29		XA208	03		16B	9		SPI003	24	DMSTPQ	01	1	TDD	FQ		14B		
06928		XA208	03		XA207	03		16B	9		SPI003	26	DRCILQ	01	1	TDD	BQ		02A		
04008		XA207	03		XA102	10		16B	9		SPI003	26C	DTCCMQ	01	1	TDD	BQ		02A		
06939		XA102	10		XA219	26		16B	9		SPI003	37	DTICMO	01	7	TS8	A1		07A	B05	
00926		XA219	26								SPI003	38	DTSC4A	01	3	TT3	B1		14A	B10	
01598		XA205	77		XA204	55		16B	9		SPI004	03	DMTIM1U	01	4	DBC	E1		36B		
06943		XA204	55		XA102	54		16B	9		SPI004	04	DRWCO1U	01	2	DBC	D1		27B		
06945		XA102	54		XA109	56		16B	9		SPI004	06	DRSC2A	01	7	TS8	D1		25A		
06949		XA109	56		XA222	45		16B	9		SPI004	10	DMRE2A	01	8	TS8	D1		26A		
06950		XA222	45		XA222	57		16B	9		SPI004	11	DRBCO1U	01	4	DBC	C1		23B		
06951		XA222	57		XA225	60		16B	9		SPI004	12	DMTIM1U	01	3	DBC	D1		29B		
06952		XA225	60		XA226	65		16B	9		SPI004	13		01	7	PAR	E1		29A		
06953		XA226	65		XA226	72		16B	9		SPI004	14		02	1	PAR	F1		33B		
06954		XA226	72		XA225	76		16B	9		SPI004	15		01	7	PAR	F1		35A		
06955		XA225	76		XA226	50		16B	9		SPI004	16		01	5	PAR	F1		37A		
06956		XA226	50		XA226	36		16B	9		SPI004	17	DDPOPPR	01	6	PAR	D1		23A		
06957		XA226	36		XA236	35		16B	9		SPI004	18	DDPECPR	01	6	PAR	C1		17A		
06958		XA236	35		XA236	29		16B	9		SPI004	19	DD26A1X	01	1	MUX	C1		16B		
06959		XA236	29		XA237	33		16B	9		SPI004	20	DD25A1X	01	5	MUX	B1		13B		
06960		XA237	33		XA237	45		16B	9		SPI004	21	DD19A1X	01	8	MUX	B1		16A		
01675		XA237	45		XA238	43		16B	9		SPI004	22	DD20A1X	01	6	MUX	C1		23B		
06962		XA238	43		XA240	43		16B	9		SPI004	23	DD14A1X	01	5	MUX	C1		22B		
06963		XA240	43		XA240	33		16B	9		SPI004	24	DD02A1X	01	5	MUX	C1		22B		
06964		XA240	33		XA239	35		16B	9		SPI004	25	DD01A1X	01	8	MUX	B1		16A		
06965		XA239	35		XA239	25		16B	9		SPI004	26	DD08A1X	01	1	MUX	C1		16B		
06966		XA239	25		XA238	19		16B	9		SPI004	27	DD07A1X	01	4	MUX	B1		12B		
06967		XA238	19		XA238	11		16B	9		SPI004	28	DD13A1X	01	1	MUX	B1		09B		
06968		XA238	11		XA237	09		16B	9		SPI004	29	DD12A1X	01	5	MUX	A1		06B		
06969		XA237	09		XA236	17		16B	9		SPI004	30	DD18A1X	01	4	MUX	A1		05B		
06970		XA236	17		XA235	15		16B	9		SPI004	31	DD24A1X	01	8	MUX	A1		08B		
01785		XA235	15		XA235	19		16B	9		SPI004	32	DD30A1X	01	6	MUX	A1		07B		
06972		XA235	19		XA235	45		16B	9		SPI004	33	DD31A1X	01	1	MUX	B1		09B		
06973		XA235	45		XA237	64		16B	9		SPI004	34		01	6	MUX	C1		23B		
06974		XA237	64		XA243	51		16B	9		SPI004	35	DD08CTD	01	2	MUX	D4		30A		
06975		XA243	51		XA244	51		16B	9		SPI004	36	DRD1A0X	01	1	DCF	C4		28B		
06976		XA244	51		XA244	33		16B	9		SPI004	37	DRA1A0X	01	1	DCF	C4		28B		
06977		XA244	33		XA242	29		16B	9		SPI004	38	DRAT30X	01	1	DCF	B4		13B		
06978		XA242	29		XA239	15		16B	9		SPI004	39				RR4	C5				
01505		XA239	15		XA240	03		16B	9		SPI004	40	DD06A1X	01	6	MUX	A1		07B		
06980		XA240	03								SPI004	41	DD00A1X	01	1	MUX	A1		02B		
06981		XA242	42		XA238	17		16B	9		SPI005	01				RR4	D1				
06982		XA238	17		XA240	09		16B	9		SPI005	02	DD12A1X	01	8	MUX	A1		08B		
06983		XA240	09		XA240	19		16B	9		SPI005	03	DD00A1X	01	4	MUX	A1		05B		
06984		XA240	19		XA239	19		16B	9		SPI005	04	DD01A1X	01	1	MUX	B1		09B		
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	PREFIX	CONNECTOR	PIN	SPT	PREFIX	CONNECTOR	PIN	OR FC	MULTI GROUP	CODE	COLOR	IDENT												
06985		XA239	19		XA239	11				16B	9			SPI005	05	DD07A1X	01	1	MUX	B1		09B		
06986		XA239	11		XA237	11				16B	9			SPI005	06	DD06A1X	01	5	MUX	A1		06B		
06987		XA237	11		XA236	09				16B	9			SPI005	07	DD18A1X	01	5	MUX	A1		06B		
06988		XA236	09		XA235	11				16B	9			SPI005	08	DD24A1X	01	4	MUX	A1		05B		
06989		XA235	11		XA235	29				16B	9			SPI005	09	DD30A1X	01	5	MUX	A1		06B		
06990		XA235	29		XA235	35				16B	9			SPI005	10	DD23A1X	01	5	MUX	B1		13B		
06991		XA235	35		XA236	31				16B	9			SPI005	11			01	1	MUX	C1		16B	
01730		XA236	31		XA237	35				16B	9			SPI005	12	DD25A1X	01	6	MUX	B1		14B		
06993		XA237	35		XA237	31				16B	9			SPI005	13	DD20A1X	01	1	MUX	C1		16B		
01663		XA237	31		XA238	33				16B	9			SPI005	14	DD19A1X	01	6	MUX	B1		14B		
06995		XA238	33		XA240	35				16B	9			SPI005	15	DD13A1X	01	8	MUX	B1		16A		
06996		XA240	35		XA239	41				16B	9			SPI005	16	DD02A1X	01	1	MUX	C1		16B		
06997		XA239	41		XA238	41				16B	9			SPI005	17	DD08A1X	01	4	MUX	C1		19B		
06998		XA238	41		XA236	50				16B	9			SPI005	18	DD14A1X	01	4	MUX	C1		19B		
06999		XA236	50		XA225	74				16B	9			SPI005	19	DD26A1X	01	8	MUX	C1		24A		
07000		XA225	74		XA226	71				16B	9			SPI005	20			01	6	PAR	F1		36A	
07001		XA226	71		XA226	64				16B	9			SPI005	21			01	1	PAR	F1		35B	
07002		XA226	64		XA225	59				16B	9			SPI005	22			01	5	PAR	F1		31A	
07003		XA225	59		XA222	39				16B	9			SPI005	23			01	2	PAR	E1		30B	
07004		XA222	39		XA222	55				16B	9			SPI005	24	DRBC01U	01	1	DBC	C1		18B		
07005		XA222	55		XA317	45				16B	9			SPI005	25	DMTIN1U	01	2	DBC	D1		27B		
07006		XA317	45		XA318	45				16B	9			SPI005	26			01	6	MUX	C1		23B	
07007		XA318	45		XA318	59				16B	9			SPI005	27			01	6	MUX	C1		23B	
07008		XA318	59		XA321	74				16B	9			SPI005	28			01	2	MUX	D2		30B	
07009		XA321	74		XA319	75				16B	9			SPI005	29	DXASLOX	01	1	DCF	D6		37A		
07010		XA319	75		XA318	77				16B	9			SPI005	30			01	1	MUX	E2		35B	
07011		XA318	77		XA317	77				16B	9			SPI005	31			01	2	MUX	E2		36B	
07012		XA317	77		XA315	76				16B	9			SPI005	32			01	2	MUX	E2		36B	
07013		XA315	76		XA313	75				16B	9			SPI005	33	DRBCKTD	01	1	MUX	E4		37A		
07014		XA313	75		XA205	80				16B	9			SPI005	34	DLTAK1U	01	3	DBC	E1		35B	D05	
04040		XA205	80		XA204	57				16B	9			SPI005	35	DMTIM1U	01	5	DBC	E1		38B		
07016		XA204	57		XA102	68				16B	9			SPI005	36	DRWC01U	01	3	DBC	D1		29B		
07018		XA102	68		XA109	54				16B	9			SPI005	38	DRTC2A	01	7	TS8	E1		32A		
07021		XA109	54							16B	9			SPI005	41	DMRE2A	01	7	TS8	D1		25A	C07	
07022		XA345	54		XA345	38				16B	9			SPI006	01	DSA050X	01	1	DCF	C6		30A		
07023		XA345	38		XA244	38				16B	9			SPI006	02	DSA010X	01	1	DCF	B6		14A		
07024		XA244	38		XA244	54				16B	9			SPI006	03	DICLA0X	01	1	DCF	B6		14A		
07025		XA244	54		XA243	54				16B	9			SPI006	04	DRA2A0X	01	1	DCF	C6		30A		
07026		XA243	54		XA242	46				16B	9			SPI006	05	DRPEE0X	01	1	DCF	C6		30A		
07027		XA242	46		XA235	41				16B	9			SPI006	06					RR4	D2			
07028		XA235	41		XA225	61				16B	9			SPI006	07			01	4	MUX	C1		19B	
07029		XA225	61		XA226	63				16B	9			SPI006	08			01	3	PAR	E1		31B	
07030		XA226	63		XA225	70				16B	9			SPI006	09			01	4	PAR	E1		32B	
07031		XA225	70		XA226	79				16B	9			SPI006	10			01	8	PAR	F1		34A	
07032		XA226	79		XA210	27				16B	9			SPI006	11			02	1	PAR	E1		39B	B06
07134		XA210	27		XA317	35				16B	9			SPI006	112	DMFULQ	01	1	TDD	CQ		13B	B04	
07033		XA317	35		XA318	41				16B	9			SPI006	12			01	1	MUX	C1		16B	
07034		XA318	41		XA318	57				16B	9			SPI006	13			01	4	MUX	C1		19B	
07035		XA318	57		XA319	77				16B	9			SPI006	14			01	1	MUX	D2		29B	
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	PREFIX	CONNECTOR	PIN	DRIVE	PREFIX	CONNECTOR	PIN	DRIVE	MULTI GROUP	CODE	COLOR	IDENT											
07036		XA319	77		XA318	75				168	9		SPI006	15		01 2	MUX	E2		36B			
07037		XA318	75		XA317	75				168	9		SPI006	16		01 1	MUX	E2		35B			
07038		XA317	75		XA315	78				168	9		SPI006	17		01 1	MUX	E2		35B			
07039		XA315	78		XA102	66				168	9		SPI006	18	DRBCKTD	01 2	MUX	E4		38A			
07043		XA102	66										SPI006	22	DRTC2A	01 6	TS8	E1		31A			
01898		XA241	64		XA241	68				168	9		SPI007	00C	DMS2TX	01 1	ACF	C3		34A		B05	
01924		XA241	68		XA244	34				168	9		SPI007	005	DMBS2TX	01 1	ACF	E3		36A		B05	
07045		XA244	34		XA242	35				168	9		SPI007	01		01 1	DCF	B8		12A			
07046		XA242	35		XA235	39				168	9		SPI007	02		RR4	D3						
07047		XA235	39		XA226	62				168	9		SPI007	03		01 3	MUX	C1		18B			
07048		XA226	62		XA225	64				168	9		SPI007	04		01 6	PAR	E1		30A			
07049		XA225	64		XA225	71				168	9		SPI007	05		01 5	PAR	E1		31A			
07050		XA225	71		XA226	77				168	9		SPI007	06		01 1	PAR	F1		35B			
07051		XA226	77		XA219	78				168	9		SPI007	07		01 4	PAR	F1		38B		B04	
06919		XA219	78		XA321	70				168	9		SPI007	075	DCTE1A	01 3	IT3	F3		38A		B04	
07052		XA321	70		XA319	72				168	9		SPI007	08	DXBSLOX	01 1	DCF	D8		35A			
07053		XA319	72		XA318	70				168	9		SPI007	09		01 2	MUX	E3		35A			
07054		XA318	70		XA317	70				168	9		SPI007	10		01 1	MUX	E3		34A			
07055		XA317	70		XA318	56				168	9		SPI007	11		01 1	MUX	E3		34A			
07056		XA318	56		XA318	47				168	9		SPI007	12		01 2	MUX	D3		28B			
07057		XA318	47		XA317	41				168	9		SPI007	13		01 7	MUX	C1		22A			
07058		XA317	41		XA109	52				168	9		SPI007	14		01 4	MUX	C1		19B			
07059		XA109	52										SPI007	15	DMRE2A	01 6	TS8	D1		24A		D07	
07065		XA102	70		XA102	56				168	9		SPI008	02	DRTC2A	01 8	TS8	E1		33A			
07066		XA102	56		XA225	63				168	9		SPI008	03	DRSC2A	01 8	TS8	D1		26A			
07069		XA225	63		XA225	73				168	9		SPI008	06		01 4	PAR	E1		32B			
07070		XA225	73		XA226	76				168	9		SPI008	07		01 2	PAR	F1		36B			
07071		XA226	76		XA226	57				168	9		SPI008	08		01 5	PAR	F1		37A			
07072		XA226	57		XA232	71				168	9		SPI008	09		01 8	PAR	E1		28A		B05	
02515		XA232	71		XA235	43				168	9		SPI008	095	DMSYNI	01 1	TDD	MI		36A		B05	
07073		XA235	43		XA242	37				168	9		SPI008	10		01 5	MUX	C1		22B			
07074		XA242	37		XA243	50				168	9		SPI008	11			RR4	D4					
07075		XA243	50		XA244	50				168	9		SPI008	12	DRWCLOX	01 1	DCF	C8		28A			
07076		XA244	50		XA345	34				168	9		SPI008	13	DRA3A0X	01 1	DCF	C8		28A			
07077		XA345	34		XA345	50				168	9		SPI008	14	DSA020X	01 1	DCF	B8		12A			
07078		XA345	50		XA318	54				168	9		SPI008	15	DSA060X	01 1	DCF	C8		28A			
07079		XA318	54		XA318	43				168	9		SPI008	16		01 1	MUX	D3		26A			
07080		XA318	43		XA317	39				168	9		SPI008	17		01 5	MUX	C1		22B			
07081		XA317	39		XA317	72				168	9		SPI008	18		01 3	MUX	C1		18B			
07082		XA317	72		XA318	72				168	9		SPI008	19		01 2	MUX	E3		35A			
07083		XA318	72		XA319	70				168	9		SPI008	20		01 2	MUX	E3		35A			
07084		XA319	70										SPI008	21		01 1	MUX	E3		34A			
03546		XA328	70		XA242	39				168	9		SPI009	005	DTSE5A	01 4	TD4	E1		33A			
07085		XA242	39		XA207	15				168	9		SPI009	01			RR4	D5					
07087		XA207	15		XA204	19				168	9		SPI009	03	DSEFULQ	01 1	TDD	AQ		07B			
07088		XA204	19		XA205	19				168	9		SPI009	04		01 1	DBC	B3		09B		B04	
07092		XA205	19		XA206	22				168	9		SPI009	08		01 1	DBC	B3		09B		B04	
													****	SIGNAL	SPI009		IS ON THE	NEXT PAGE	****				

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149017-800
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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 ID	PREFIX	CONNECTOR	PIN	DRY ID	MULTI GROUP	CODE	COLOR	IDENT												SPEC INST MISC
07244		XA235	03		XA229	15				16B	9			SPI013	07	DD30A1X	01	1	MUX	A1		02B		
07247		XA229	15		XA230	19				16B	9			SPI013	10	DD0PQQ	01	1	TDD	A0		07B		
07248		XA230	19		XA230	20				16B	9			SPI013	11	DDSY40	01	2	TQ2	B3		09B		
07249		XA230	20		XA230	26				16B	9			SPI013	12	DDSY30	01	2	TQ2	B2		11A		
07250		XA230	26		XA230	25				16B	9			SPI013	13	DDSY20	01	2	TQ2	B1		14A		
07251		XA230	25		XA229	53				16B	9			SPI013	14	DDSY50	01	2	TQ2	B4		12B		
07252		XA229	53		XA232	64				16B	9			SPI013	15	DRAILQ	01	1	TDD	K0		28B	A02	
02954		XA232	64		XA232	65				16B	9			SPI013	16	DRB07P	01	1	TDD	KP		30A	A02	
07254		XA232	65		XA229	80				16B	9			SPI013	17	DMSYN0	01	1	TDD	M0		34B		
07255		XA229	80		XA226	70				16B	9			SPI013	18	DRB00Q	01	1	TDD	L0		35A		
07256		XA226	70		XA225	79				16B	9			SPI013	19		01	8	PAR	F1		34A		
07257		XA225	79		XA224	79				16B	9			SPI013	20		02	1	PAR	F1		39B		
07261		XA224	79		XA223	78				16B	9			SPI013	24	DSC LAA	01	2	TQ2	F1		39B	B09	
07262		XA223	78		XA222	79				16B	9			SPI013	25	DRCL00	01	2	TQ2	F4		38A	B04	
07264		XA222	79		XA222	64				16B	9			SPI013	27	DMAA03U	01	1	DBC	E3		37B		
07267		XA222	64		XA224	61				16B	9			SPI013	30	DMTIN4U	01	1	DBC	D4		30A		
07268		XA224	61		XA225	55				16B	9			SPI013	31	DRSA1A	01	2	TQ2	E4		32B		
07270		XA225	55		XA226	59				16B	9			SPI013	33		01	1	PAR	F1		29B		
07271		XA226	59		XA226	52				16B	9			SPI013	34		01	2	PAR	E1		30B		
07272		XA226	52		XA226	38				16B	9			SPI013	35	DDPQPR	01	5	PAR	D1		24A		
07273		XA226	38											SPI013	36	DDPECPR	01	5	PAR	C1		18A		
07275		XA319	78		XA317	78				16B	9			SPI014	01		01	2	MUX	E4		38A		
07276		XA317	78		XA318	76				16B	9			SPI014	02		01	2	MUX	E4		38A		
07277		XA318	76		XA318	64				16B	9			SPI014	03		01	1	MUX	E4		37A		
07278		XA318	64		XA318	42				16B	9			SPI014	04		01	2	MUX	D4		30A		
07279		XA318	42		XA317	40				16B	9			SPI014	05		01	2	MUX	C2		20A		
07280		XA317	40		XA226	75				16B	9			SPI014	06		01	3	MUX	C2		19A		
07281		XA226	75		XA225	72				16B	9			SPI014	07		01	3	PAR	F1		37B		
07282		XA225	72		XA225	62				16B	9			SPI014	08		01	7	PAR	F1		35A		
07283		XA225	62		XA226	55				16B	9			SPI014	09		01	6	PAR	E1		30A		
07284		XA226	55		XA235	42				16B	9			SPI014	10		01	1	PAR	F1		29B		
07285		XA235	42		XA242	41				16B	9			SPI014	11		01	2	MUX	C2		20A		
07286		XA242	41		XA224	76				16B	9			SPI014	12				RR4	E5				B09
07258		XA224	76		XA211	08				16B	9			SPI014	13	DRAIOA	01	1	TQ2	F4		37A	E01	
02276		XA211	08											SPI014	14		01	1	TQ2	A1		06A	E01	
07287		XA242	62		XA235	40				16B	9			SPI015	01				RR4	F1				
07288		XA235	40		XA318	46				16B	9			SPI015	02		01	3	MUX	C2		19A		
07289		XA318	46		XA317	46				16B	9			SPI015	03		01	1	MUX	C2		21A		
07290		XA317	46		XA318	62				16B	9			SPI015	04		01	1	MUX	C2		21A		
07291		XA318	62		XA318	78				16B	9			SPI015	05		01	1	MUX	D4		29A		
07292		XA318	78		XA319	76				16B	9			SPI015	06		01	2	MUX	E4		38A		
07293		XA319	76		XA317	76				16B	9			SPI015	07		01	1	MUX	F4		37A		
07294		XA317	76		XA222	04				16B	9			SPI015	08		01	1	MUX	E4		37A	B04	
07189		XA222	04		XA222	22				16B	9			SPI015	09		01	1	DBC	A1		02A	B04	
07186		XA222	22		XA221	22				16B	9			SPI015	10		01	1	DBC	B2		11A	B04	
07182		XA221	22		XA221	05				16B	9			SPI015	11		01	1	DBC	B2		11A	B04	
07194		XA221	05		XA220	04				16B	9			SPI015	12		01	1	DBC	A4		03B	B04	
07196		XA220	04		XA217	04				16B	9			SPI015	13		01	1	DBC	A1		02A	B04	
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	PREFIX	CONNECTOR	PIN	SH CO	PREFIX	CONNECTOR	PIN	SH CO	MULTI GROUP	CODE	COLOR	IDENT												
07192		XA222	05		XA235	46			16B	9		SPI017	15		01	1	OBC	A4		03B		B04		
07301		XA235	46		XA242	55			16B	9		SPI017	16		01	1	MUX	C2		21A		B04		
07302		XA242	55									SPI017	17				RR4	F3						
07303		XA308	74		XA304	79			16B	9		SPI018	02	DROPIA	01	4	TD4	F2		35B				
07305		XA304	79		XA304	24			16B	9		SPI018	03	DXDVXA	01	8	TS8	F1		39B				
07306		XA304	24		XA304	42			16B	9		SPI018	04	DXRS00	01	6	TS8	B1		13A				
07307		XA304	42		XA306	53			16B	9		SPI018	05	DXDVIA	01	8	TS8	C1		20A				
07308		XA306	53		XA306	46			16B	9		SPI018	06	DXXROQ	01	1	TDD	KQ		28B				
07309		XA306	46		XA312	64			16B	9		SPI018	07	DQVERN	01	1	TDD	HN		21A				
07313		XA312	64		XA313	77			16B	9		SPI018	11	DRCL6A	01	4	TD4	E2		30A				
07315		XA313	77		XA315	72			16B	9		SPI018	13	DLTAKIU	01	4	DRC	E1		34B		D05		
07316		XA315	72		XA317	71			16B	9		SPI018	14	DRBCKTC	01	2	MUX	E3		35A				
07317		XA317	71		XA319	71			16B	9		SPI018	15		01	2	MUX	F1		33B				
07318		XA319	71		XA318	68			16B	9		SPI018	16		01	2	MUX	E1		33B				
07319		XA318	68		XA318	51			16B	9		SPI018	17		01	3	MUX	E1		33A				
07320		XA318	51		XA317	50			16B	9		SPI018	18		01	1	MUX	D1		25B				
07321		XA317	50		XA318	37			16B	9		SPI018	19		01	8	MUX	C1		24A				
07322		XA318	37		XA321	73			16B	9		SPI018	20		01	2	MUX	C1		17B				
07323		XA321	73		XA327	68			16B	9		SPI018	21	DXRPSOX	01	1	DCF	D4		35B				
07325		XA327	68		XA339	03			16B	9		SPI018	23		01	7	TS8	E1		32A				
07326		XA339	03		XA237	62			16B	9		SPI018	24	DD27A1X	01	1	MUX	A1		02B				
07327		XA237	62		XA237	50			16B	9		SPI018	25	DD08CTD	01	1	MUX	D4		29A				
07328		XA237	50		XA238	45			16B	9		SPI018	26	DD20A1X	01	8	MUX	C1		24A		B07		
01610		XA238	45		XA239	43			16B	9		SPI018	27	DD14A1X	01	6	MUX	C1		23B		B07		
07330		XA239	43		XA240	45			16B	9		SPI018	28	DD08A1X	01	5	MUX	C1		22B				
01427		XA240	45		XA239	31			16B	9		SPI018	29	DD02A1X	01	6	MUX	C1		23B				
01528		XA239	31		XA240	31			16B	9		SPI018	30	DD07A1X	01	6	MUX	B1		14B				
01407		XA240	31		XA238	29			16B	9		SPI018	31	DD01A1X	01	6	MUX	B1		14B				
07334		XA238	29		XA237	15			16B	9		SPI018	32	DD13A1X	01	5	MUX	B1		13B				
01653		XA237	15		XA238	15			16B	9		SPI018	33	DD18A1X	01	6	MUX	A1		07B				
01587		XA238	15		XA239	09			16B	9		SPI018	34	DD12A1X	01	6	MUX	A1		07B				
07337		XA239	09		XA240	11			16B	9		SPI018	35	DD06A1X	01	4	MUX	A1		05B				
07338		XA240	11		XA237	19			16B	9		SPI018	36	DD00A1X	01	5	MUX	A1		06B				
07339		XA237	19		XA236	43			16B	9		SPI018	37	DD19A1X	01	1	MUX	B1		09B				
07340		XA236	43		XA242	53			16B	9		SPI018	38	DD26A1X	01	5	MUX	C1		22B				
07341		XA242	53									SPI018	39				RR4	F4						
07342		XA301	61		XA301	78			16B	9		SPI019	01	DXR960	01	2	TQ2	E4		32B				
07343		XA301	78		XA301	79			16B	9		SPI019	02	DXRSAA	01	2	TQ2	F4		38A				
07344		XA301	79		XA301	73			16B	9		SPI019	03	DXRS7A	01	2	TQ2	F1		39B				
07345		XA301	73		XA301	74			16B	9		SPI019	04	DXRS8A	01	2	TQ2	E2		34B				
07346		XA301	74		XA301	70			16B	9		SPI019	05	DXRS9A	01	2	TQ2	F3		35B				
07347		XA301	70		XA301	64			16B	9		SPI019	06	DXASLA	01	2	TQ2	F1		33A				
07348		XA301	64		XA302	50			16B	9		SPI019	07	DXBSLA	01	2	TQ2	E2		30A				
07349		XA302	50		XA302	56			16B	9		SPI019	08	DXXA50	01	2	TQ2	D2		23A				
07350		XA302	56		XA301	56			16B	9		SPI019	09	DXXA40	01	2	TQ2	D1		24A				
07351		XA301	56		XA301	48			16B	9		SPI019	10	DXGN1A	01	2	TQ2	D1		24A				
07352		XA301	48		XA301	49			16B	9		SPI019	11	DXGN4A	01	1	TQ2	D2		22A				
07353		XA301	49		XA301	43			16B	9		SPI019	12	DXGN6A	01	2	TQ2	D4		24B				
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	PREFIX	CONNECTOR	PIN	DR FC	PREFIX	CONNECTOR	PIN	DR FC	MULTI GROUP	CODE	COLOR	IDENT									AND	OR		
07416		XA302	43		XA302	61				168	9		SPI021	01	DXXB00	01 2	TQ2	D3		23B				
07417		XA302	61		XA302	55				168	9		SPI021	02	DXXB50	01 2	TQ2	F4		32B				
07418		XA302	55		XA302	49				168	9		SPI021	03	DXXB40	01 2	TQ2	E3		29B				
07419		XA302	49		XA306	51				168	9		SPI021	04	DXXB10	01 2	TQ2	D4		26B				
07420		XA306	51		XA305	51				168	9		SPI021	05	DXEB1Q	01 1	TDD	GQ		27B				
07421		XA305	51		XA305	53				168	9		SPI021	06	DCYERQ	01 1	TDD	GQ		27B				
07422		XA305	53		XA304	68				168	9		SPI021	07	DXXR1Q	01 1	TDD	KQ		28B				
07423		XA304	68		XA306	66				168	9		SPI021	08	DXXS0A	01 7	TS8	F1		32A				
07424		XA306	66		XA306	75				168	9		SPI021	09	DX1MBP	01 1	TDD	JP		31A				
07425		XA306	75		XA305	75				168	9		SPI021	10	DXST1P	01 1	TDD	LP		37B				
07426		XA305	75		XA304	78				168	9		SPI021	11	DXSTOP	01 1	TDD	LP		37B				
07427		XA304	78		XA303	73				168	9		SPI021	12	DXDVXA	01 7	TS8	F1		38A				
07429		XA303	73		XA303	70				168	9		SPI021	14	DXST2A	01 2	TQ2	F2		36B				
07430		XA303	70		XA302	70				168	9		SPI021	15	DXDVX0	01 2	TQ2	F1		33A				
07431		XA302	70		XA302	64				168	9		SPI021	16	DXXB20	01 2	TQ2	E1		33A				
07432		XA302	64		XA303	55				168	9		SPI021	17	DXXB30	01 2	TQ2	E2		30A				
07434		XA303	55		XA303	56				168	9		SPI021	19	DXXC1A	01 2	TQ2	E3		29B				
07435		XA303	56		XA303	50				168	9		SPI021	20	DXDV10	01 2	TQ2	D1		26A				
07436		XA303	50		XA303	49				168	9		SPI021	21	DXDV20	01 2	TQ2	D2		23A				
07437		XA303	49		XA303	43				168	9		SPI021	22	DXDV40	01 2	TQ2	D4		26B				
07438		XA303	43		XA303	31				168	9		SPI021	23	DXDV30	01 2	TQ2	D3		23B				
07439		XA303	31		XA304	25				168	9		SPI021	24	DXX050	01 2	TQ2	C3		15B				
07440		XA304	25		XA305	27				168	9		SPI021	25	DXRS00	01 7	TS8	B1		12B				
07441		XA305	27		XA304	38				168	9		SPI021	26	DXXB0Q	01 1	TDD	CQ		13B				
07442		XA304	38		XA305	34				168	9		SPI021	27	DXDV1A	01 6	TS8	C1		18A				
07443		XA305	34		XA306	29				168	9		SPI021	28	DXI0P1	01 1	TDD	FI		16A				
07444		XA306	29		XA306	27				168	9		SPI021	29	DXXB1Q	01 1	TDD	FQ		14B				
07445		XA306	27		XA307	27				168	9		SPI021	30	DXXC1Q	01 1	TDD	CQ		13B				
07446		XA307	27		XA307	15				168	9		SPI021	31	DXXC0Q	01 1	TDD	CQ		13B				
07447		XA307	15		XA306	15				168	9		SPI021	32	DXXA0Q	01 1	TDD	AQ		07B				
07448		XA306	15		XA305	15				168	9		SPI021	33	DXXA1Q	01 1	TDD	AQ		07B				
07449		XA305	15		XA242	66				168	9		SPI021	34	DXXC4Q	01 1	TDD	AQ		07B				
07450		XA242	66										SPI021	35				RR4	G2					
07451		XA310	64		XA310	61				168	9		SPI022	01	DXRS0A	01 2	TQ2	E2		30A				
07452		XA310	61		XA310	55				168	9		SPI022	02	DXRS2A	01 2	TQ2	F4		32B				
07453		XA310	55		XA310	50				168	9		SPI022	03	DXRS1A	01 2	TQ2	E3		29B				
07455		XA310	50		XA310	42				168	9		SPI022	05	DXXC50	01 2	TQ2	D2		23A				
07456		XA310	42		XA310	43				168	9		SPI022	06	DXEA00	01 2	TQ2	C1		20A				
07457		XA310	43		XA307	39				168	9		SPI022	07	DXXD10	01 2	TQ2	D3		23B				
07458		XA307	39		XA307	29				168	9		SPI022	08	DXXD0Q	01 1	TDD	EQ		19B		A02		
05341		XA307	29		XA307	66				168	9		SPI022	09	DXXB2Q	01 1	TDD	FQ		14B		A02		
07460		XA307	66		XA307	80				168	9		SPI022	10	DX1MAP	01 1	TDD	JP		31A				
07463		XA307	80		XA310	79				168	9		SPI022	13	DXXR2Q	01 1	TDD	LQ		39A				
07464		XA310	79		XA310	73				168	9		SPI022	14	DXRS3A	01 2	TQ2	F1		39B				
07465		XA310	73		XA310	74				168	9		SPI022	15	DXRS4A	01 2	TQ2	F2		36B				
07466		XA310	74		XA310	78				168	9		SPI022	16	DXRS5A	01 2	TQ2	F3		35B				
07467		XA310	78		XA313	80				168	9		SPI022	17	DXRS6A	01 2	TQ2	F4		38A		D05		
07469		XA313	80		XA311	47				168	9		SPI022	19	DLTAK1U	01 5	DBC	E1		38B		D05		
07454		XA311	47		XA313	49				168	9		SPI022	20	DERR1A	01 2	TT3	D3		25B		C01		
										****		SIGNAL	(SPI022)		IS ON THE		NEXT PAGE	****						

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	PREFIX	CONNECTOR	PIN	DR TO	PREFIX	CONNECTOR	PIN	DR TO	MULTI GROUP	CODE	COLOR	IDENT													
07472		XA313	49		XA313	35				16B	9		SPI022	22	DXS475U	01	1	DBC	D5		24B				
07473		XA313	35		XA310	36				16B	9		SPI022	23	DXS035U	01	1	DBC	C5		16B				
07476		XA310	36		XA310	37				16B	9		SPI022	26	DXDDA	01	2	TQ2	C2		17A				
07477		XA310	37		XA310	31				16B	9		SPI022	27	DXD00	01	2	TQ2	C4		18B				
07478		XA310	31		XA310	26				16B	9		SPI022	28	DXSK00	01	2	TQ2	C3		15B				
07479		XA310	26		XA310	10				16B	9		SPI022	29	DXXADA	01	2	TQ2	B1		14A				
07480		XA310	10		XA310	07				16B	9		SPI022	30	DXXDRA	01	2	TQ2	A1		07A				
07481		XA310	07		XA310	05				16B	9		SPI022	31	DXXBCA	01	2	TQ2	A3		03A				
07482		XA310	05		XA310	13				16B	9		SPI022	32	DXR0PA	01	2	TQ2	A2		03B				
07483		XA310	13		XA242	65				16B	9		SPI022	33	DXXACA	01	2	TQ2	A4		06B				
07484		XA242	65										SPI022	34				RR4	G3						
07485		XA318	53		XA318	39				16B	9		SPI023	01			01	2	MUX	D1		26B			
07486		XA318	39		XA317	37				16B	9		SPI023	02			01	3	MUX	C1		18B			
07487		XA317	37		XA313	73				16B	9		SPI023	03			01	2	MUX	C1		17B			
07492		XA313	73		XA315	70				16B	9		SPI023	08	DLTAK1U		01	2	DBC	E1		34B		D05	
07493		XA315	70		XA318	69				16B	9		SPI023	09	DRBCKTC		01	1	MUX	E3		34A			
07494		XA318	69		XA317	66				16B	9		SPI023	10			01	1	MUX	E1		32A			
07495		XA317	66		XA319	66				16B	9		SPI023	11			01	4	MUX	E1		32B			
07496		XA319	66		XA345	74				16B	9		SPI023	12			01	4	MUX	E1		32B			
07498		XA345	74		XA345	51				16B	9		SPI023	14			01	1	DCF	D6		37A			
07499		XA345	51		XA343	45				16B	9		SPI023	15	DSA040X		01	1	DCF	C4		28B			
07488		XA343	45		XA342	43				16B	9		SPI023	16	DD05A1X		01	6	MUX	C1		23B			
07501		XA342	43		XA340	50				16B	9		SPI023	17	DD11A1X		01	5	MUX	C1		22B			
07502		XA340	50		XA339	50				16B	9		SPI023	18	DD23A1X		01	8	MUX	C1		24A			
07503		XA339	50		XA340	33				16B	9		SPI023	19	DD29A1X		01	8	MUX	C1		24A			
07504		XA340	33		XA341	35				16B	9		SPI023	20	DD22A1X		01	8	MUX	B1		16A			
07505		XA341	35		XA341	31				16B	9		SPI023	21	DD17A1X		01	1	MUX	C1		16B			
07511		XA341	31		XA343	33				16B	9		SPI023	22	DD16A1X		01	6	MUX	B1		14B			
07507		XA343	33		XA345	33				16B	9		SPI023	23	DD04A1X		01	8	MUX	B1		16A			
07508		XA345	33		XA342	25				16B	9		SPI023	24	DSA000X		01	1	DCF	B4		13B			
07509		XA342	25		XA343	17				16B	9		SPI023	25	DD10A1X		01	4	MUX	B1		12B			
07510		XA343	17		XA341	11				16B	9		SPI023	26	DD03A1X		01	8	MUX	A1		08B			
07511		XA341	11		XA342	03				16B	9		SPI023	27	DD15A1X		01	5	MUX	A1		06B			
07512		XA342	03		XA340	03				16B	9		SPI023	28	DD09A1X		01	1	MUX	A1		02B			
07513		XA340	03		XA339	17				16B	9		SPI023	29	DD21A1X		01	1	MUX	A1		02B			
07514		XA339	17		XA339	19				16B	9		SPI023	30	DD27A1X		01	8	MUX	A1		08B			
07515		XA339	19		XA242	63				16B	9		SPI023	31	DD28A1X		01	1	MUX	B1		09B			
07516		XA242	63										SPI023	32				RR4	G4						
03000		XA311	69		XA314	20				16B	9		SPI024	00	DRBM1A		01	1	TT3	F3		35A		B07	
07517		XA314	20		XA314	26				16B	9		SPI024	01	DXSS0T		01	2	TQ2	B2		11A			
07518		XA314	26		XA314	19				16B	9		SPI024	02	DXIRCO		01	2	TQ2	B1		14A			
07520		XA314	19		XA314	05				16B	9		SPI024	04	DXOFRO		01	2	TQ2	B3		09B			
07522		XA314	05		XA314	07				16B	9		SPI024	06	DXHSTO		01	2	TQ2	A2		03B			
07523		XA314	07		XA314	10				16B	9		SPI024	07	DXEORO		01	2	TQ2	A3		03A			
07524		XA314	10		XA318	50				16B	9		SPI024	08	DXDVCO		01	2	TQ2	A1		07A			
07527		XA318	50		XA318	49				16B	9		SPI024	11			01	8	MUX	C1		24A			
07528		XA318	49		XA317	47				16B	9		SPI024	12			01	4	MUX	D1		24B			
07529		XA317	47		XA314	49				16B	9		SPI024	13			01	7	MUX	C1		23A			
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	PREFIX	CONNECTOR	PIN	SFC	PREFIX	CONNECTOR	PIN	SFC	MULTI GROUP	CODE	COLOR	IDENT												
07530		XA314	49		XA314	64				168	9		SPI024	14	DXPRSA	01	2	TQ2	D4		26B			
07531		XA314	64		XA314	73				168	9		SPI024	15	DXDEVO	01	2	TQ2	F2		30A		005	
07536		XA314	73		XA314	74				168	9		SPI024	20	DXRA70	01	2	TQ2	F2		36B			
07538		XA314	74		XA314	70				168	9		SPI024	22	DXR090	01	2	TQ2	F3		35B			
07539		XA314	70		XA317	69				168	9		SPI024	23	DXCA10	01	2	TQ2	E1		33A			
07540		XA317	69		XA318	66				168	9		SPI024	24		01	1	MUX	F1		32A			
07541		XA318	66		XA319	68				168	9		SPI024	25		01	4	MUX	E1		32B			
07542		XA319	68		XA321	71				168	9		SPI024	26		01	3	MUX	F1		33A			
07543		XA321	71		XA322	71				168	9		SPI024	27		01	1	DCF	D2		34B			
07544		XA322	71		XA323	70				168	9		SPI024	28		01	1	DCF	D2		34B			
07545		XA323	70		XA323	64				168	9		SPI024	29		01	2	TLD	E1		33A			
07546		XA323	64		XA323	59				168	9		SPI024	30		01	2	TLD	E2		30A			
07547		XA323	59		XA323	55				168	9		SPI024	31		01	1	TLD	E4		31B			
07548		XA323	55		XA323	37				168	9		SPI024	32		01	2	TLD	F3		29B			
07549		XA323	37		XA242	61				168	9		SPI024	33		01	2	TLD	C4		18B			
07550		XA242	61										SPI024	34				RR4	G5					
07551		XA242	78		XA327	70				168	9		SPI025	01				RR4	H1					
07552		XA327	70		XA324	70				168	9		SPI025	02		01	8	TS8	E1		33A			
07553		XA324	70		XA324	76				168	9		SPI025	03		01	2	TLD	F1		33A			
07554		XA324	76		XA324	77				168	9		SPI025	04		01	1	TLD	F4		37A			
07555		XA324	77		XA324	73				168	9		SPI025	05		01	1	TLD	F1		38B			
07556		XA324	73		XA323	76				168	9		SPI025	06		01	2	TLD	F2		36B			
07557		XA323	76		XA323	68				168	9		SPI025	07		01	1	TLD	F4		37A			
07558		XA323	68		XA324	65				168	9		SPI025	08		01	1	TLD	E1		32A			
07559		XA324	65		XA324	62				168	9		SPI025	09		01	1	TLD	F3		34B			
07560		XA324	62		XA324	54				168	9		SPI025	10		01	1	TLD	E2		29A			
07561		XA324	54		XA324	55				168	9		SPI025	11	DPWR0D4	01	1	TLD	D1		25A			
07562		XA324	55		XA324	59				168	9		SPI025	12		01	2	TLD	E3		29B			
07563		XA324	59		XA323	62				168	9		SPI025	13		01	1	TLD	F4		31B			
07564		XA323	62		XA323	61				168	9		SPI025	14		01	1	TLD	E2		29A			
07565		XA323	61		XA323	65				168	9		SPI025	15		01	2	TLD	F4		32B			
07566		XA323	65		XA323	71				168	9		SPI025	16		01	1	TLD	F3		34B			
07567		XA323	71		XA323	79				168	9		SPI025	17		01	1	TLD	F2		36A			
07568		XA323	79		XA322	73				168	9		SPI025	18		01	2	TLD	F1		39B			
07569		XA322	73		XA321	72				168	9		SPI025	19		01	1	DCF	D4		35B			
07570		XA321	72		XA319	69				168	9		SPI025	20	DXPRSDX4	01	1	DCF	D3		36A			
07571		XA319	69		XA318	71				168	9		SPI025	21		01	1	MUX	F1		32A			
07572		XA318	71		XA317	68				168	9		SPI025	22		01	2	MUX	E1		33B			
07573		XA317	68		XA318	52				168	9		SPI025	23		01	3	MUX	F1		33A		005	
07574		XA318	52		XA318	35				168	9		SPI025	24		01	3	MUX	D1		25A			
07575		XA318	35		XA323	35				168	9		SPI025	25		01	1	MUX	C1		16B			
07576		XA323	35		XA324	37				168	9		SPI025	26		01	1	TLD	C4		17B			
07577		XA324	37		XA324	43				168	9		SPI025	27		01	2	TLD	C4		18B			
07578		XA324	43		XA324	47				168	9		SPI025	28		01	2	TLD	D3		23B			
07579		XA324	47		XA323	53				168	9		SPI025	29		01	1	TLD	D4		25B			
07580		XA323	53		XA328	60				168	9		SPI025	30		01	1	TLD	E3		28B		C03	
03068		XA328	60										SPI025	31	DRPERA	01	2	TD4	F2		28A		C03	
07581		XA324	56		XA324	35				168	9		SPI026	01	DPWR0D4	01	2	TLD	D1		26A			
										****		SIGNAL	(SPI026)		IS ON THE			NEXT PAGE		****				

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	PREFIX	CONNECTOR	PIN	DR. PC	PREFIX	CONNECTOR	PIN	DR. PC	MULTI-GROUP	CODE	COLOR	IDENT											
07582		XA324	35		XA324	41				16B	9		SPI026	02		01	1	TLD	C4		17B		
07583		XA324	41		XA324	49				16B	9		SPI026	03		01	1	TLD	D3		22B		
07584		XA324	49		XA324	53				16B	9		SPI026	04		01	2	TLD	D4		26B		
07585		XA324	53		XA324	61				16B	9		SPI026	05		01	1	TLD	E3		28B		
07586		XA324	61		XA324	64				16B	9		SPI026	06		01	2	TLD	E4		32B		
07587		XA324	64		XA324	68				16B	9		SPI026	07		01	2	TLD	E2		30A		
07588		XA324	68		XA323	73				16B	9		SPI026	08		01	1	TLD	E1		32A		
07589		XA323	73		XA323	77				16B	9		SPI026	09		01	2	TLD	F2		36B		
07590		XA323	77		XA324	79				16B	9		SPI026	10		01	1	TLD	F1		38B		
07591		XA324	79		XA323	78				16B	9		SPI026	11		01	2	TLD	F1		39B		
07592		XA323	78		XA323	74				16B	9		SPI026	12		01	2	TLD	F4		38A		
07593		XA323	74		XA324	71				16B	9		SPI026	13		01	2	TLD	F3		35B		
07594		XA324	71		XA324	74				16B	9		SPI026	14		01	1	TLD	F2		36A		
07595		XA324	74		XA324	78				16B	9		SPI026	15		01	2	TLD	F3		35B		
07596		XA324	78		XA327	79				16B	9		SPI026	16		01	2	TLD	F4		38A		
07597		XA327	79		XA329	72				16B	9		SPI026	17	DXXRC0	01	8	TS8	F1		39B	B03	
07599		XA329	72		XA329	69				16B	9		SPI026	19		01	1	TS4	F4		35A		
07600		XA329	69		XA327	66				16B	9		SPI026	20		01	1	TS4	F2		34B	B03	
07603		XA327	66		XA329	57				16B	9		SPI026	23		01	6	TS8	E1		31A	B09	
07606		XA329	57		XA329	55				16B	9		SPI026	26		01	1	TS4	E3		28A		
07607		XA329	55		XA329	54				16B	9		SPI026	27		01	1	TS4	E1		29B		
07608		XA329	54		XA330	54				16B	9		SPI026	28	DSR072E	01	2	TS4	D3		25A		
07609		XA330	54		XA330	40				16B	9		SPI026	29	DSR062E	01	2	TS4	D3		25A		
07610		XA330	40		XA329	40				16B	9		SPI026	30	DSR042E	01	2	TS4	C3		19A		
07611		XA329	40		XA329	26				16B	9		SPI026	31	DSR052E	01	2	TS4	C3		19A		
07612		XA329	26		XA330	26				16B	9		SPI026	32	DSR032E	01	2	TS4	B3		13A		
07613		XA330	26		XA330	14				16B	9		SPI026	33	DSR022E	01	2	TS4	B3		13A		
07614		XA330	14		XA329	14				16B	9		SPI026	34	DSR002E	01	2	TS4	A3		06A		
07615		XA329	14		XA242	76				16B	9		SPI026	35	DSR012E	01	2	TS4	A3		06A		
07616		XA242	76										SPI026	36				RR4	H2				
07617		XA242	75		XA334	03				16B	9		SPI027	01				RR4	H3				
07618		XA334	03		XA335	03				16B	9		SPI027	02	DC250Q	01	1	TDD	BQ		02A		
07619		XA335	03		XA336	03				16B	9		SPI027	03	DC130Q	01	1	TDD	BQ		02A		
07620		XA336	03		XA336	17				16B	9		SPI027	04	DC010Q	01	1	TDD	BQ		02A		
07621		XA336	17		XA335	17				16B	9		SPI027	05	DC030Q	01	1	TDD	DQ		08B		
07622		XA335	17		XA334	17				16B	9		SPI027	06	DC150Q	01	1	TDD	DQ		08B		
07623		XA334	17		XA334	29				16B	9		SPI027	07	DC270Q	01	1	TDD	DQ		08B		
07624		XA334	29		XA335	29				16B	9		SPI027	08	DC290Q	01	1	TDD	FQ		14B		
07625		XA335	29		XA336	29				16B	9		SPI027	09	DC170Q	01	1	TDD	FQ		14B		
07626		XA336	29		XA336	41				16B	9		SPI027	10	DC050Q	01	1	TDD	FQ		14B		
07627		XA336	41		XA335	41				16B	9		SPI027	11	DC070Q	01	1	TDD	HQ		22B		
07628		XA335	41		XA334	41				16B	9		SPI027	12	DC190Q	01	1	TDD	HQ		22B		
07629		XA334	41		XA334	53				16B	9		SPI027	13	DC310Q	01	1	TDD	HQ		22B		
07630		XA334	53		XA335	53				16B	9		SPI027	14	DMSC1Q	01	1	TDD	KQ		28B		
07631		XA335	53		XA336	53				16B	9		SPI027	15	DC210Q	01	1	TDD	KQ		28B		
07632		XA336	53		XA336	65				16B	9		SPI027	16	DC090Q	01	1	TDD	KQ		28B		
07633		XA336	65		XA335	65				16B	9		SPI027	17	DC110Q	01	1	TDD	MQ		34B		
07634		XA335	65		XA331	72				16B	9		SPI027	18	DC230Q	01	1	TDD	MQ		34B		
07636		XA331	72		XA331	78				16B	9		SPI027	20		01	1	FDR	F4		35A		
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	PREFIX	CONNECTOR	PIN	SN FC	PREFIX	CONNECTOR	PIN	SN FC	MULTI GROUP	CODE	COLOR	IDENT											
07637		XA331	78		XA331	77				16B	9		SPI027	21		01	1	EOR	F3		38A		
07638		XA331	77		XA330	72				16B	9		SPI027	22		01	1	EOR	F2		38B	B03	
07640		XA330	72		XA331	69				16B	9		SPI027	24		01	1	TS4	F4		35A		
07641		XA331	69		XA331	63				16B	9		SPI027	25		01	2	EOR	F1		34B		
07642		XA331	63		XA331	66				16B	9		SPI027	26		01	1	EOR	E2		32B	B01	
07644		XA331	66		XA331	60				16B	9		SPI027	28		01	1	EOR	E3		32A		
07645		XA331	60		XA330	53				16B	9		SPI027	29		01	1	EOR	E4		29A	B05	
07647		XA330	53		XA329	53				16B	9		SPI027	31		01	1	TS4	E2		28B		
07648		XA329	53		XA330	60				16B	9		SPI027	32		01	1	TS4	E2		28B	B03	
07689		XA330	60		XA329	60				16B	9		SPI027	33		01	1	TS4	F4		29A	B03	
07650		XA329	60		XA329	70				16B	9		SPI027	34		01	1	TS4	E4		29A	B03	
07654		XA329	70		XA330	69				16B	9		SPI027	38		01	1	TS4	F3		34A		
07655		XA330	69		XA329	71				16B	9		SPI027	39		01	1	TS4	F2		34B	B03	
07658		XA329	71		XA328	74				16B	9		SPI027	42		01	1	TS4	E1		35B		
07659		XA328	74		XA327	78				16B	9		SPI027	43	DTCCLO	01	4	TD4	F2		35B	B03	
07661		XA327	78		XA313	78				16B	9		SPI027	45	DXXRCO	01	7	TS8	F1		38A	B04	
07535		XA313	78										SPI027	46	DLTAK4U	01	1	DBC	E4		38A	D05	
07662		XA242	73		XA336	15				16B	9		SPI028	01			RR4	H4					
07663		XA336	15		XA335	15				16B	9		SPI028	02	DC000Q	01	1	TDD	AQ		07B		
07664		XA335	15		XA334	15				16B	9		SPI028	03	DC120Q	01	1	TDD	AQ		07B		
07665		XA334	15		XA334	27				16B	9		SPI028	04	DC240Q	01	1	TDD	AQ		07B		
07666		XA334	27		XA335	27				16B	9		SPI028	05	DC260Q	01	1	TDD	CQ		13B		
07667		XA335	27		XA336	27				16B	9		SPI028	06	DC140Q	01	1	TDD	CQ		13B		
07668		XA336	27		XA336	39				16B	9		SPI028	07	DC020Q	01	1	TDD	CQ		13B		
07669		XA336	39		XA335	39				16B	9		SPI028	08	DC040Q	01	1	TDD	EQ		19B		
07670		XA335	39		XA334	39				16B	9		SPI028	09	DC160Q	01	1	TDD	E0		19B		
07671		XA334	39		XA334	51				16B	9		SPI028	10	DC280Q	01	1	TDD	EQ		19B		
07672		XA334	51		XA335	51				16B	9		SPI028	11	DC300Q	01	1	TDD	G0		27B		
07673		XA335	51		XA336	51				16B	9		SPI028	12	DC180Q	01	1	TDD	G0		27B		
07674		XA336	51		XA337	51				16B	9		SPI028	13	DC060Q	01	1	TDD	G0		27B		
07675		XA337	51		XA337	45				16B	9		SPI028	14	DGND6A	01	1	THI	D6		27B		
07676		XA337	45		XA337	41				16B	9		SPI028	15	DGNDCA	01	1	THI	D5		25B		
07677		XA337	41		XA337	50				16B	9		SPI028	16	DGNDRA	01	1	THI	D4		23B		
07678		XA337	50		XA337	64				16B	9		SPI028	17	DGNDAA	01	1	THI	D3		22A		
07679		XA337	64		XA337	61				16B	9		SPI028	18	DGND7A	01	1	THI	F1		33A		
07680		XA337	61		XA336	63				16B	9		SPI028	19	DGND9A	01	1	THI	E2		31A	D05	
07682		XA336	63		XA335	63				16B	9		SPI028	21	DC080Q	01	1	TDD	JQ		33B		
07683		XA335	63		XA333	64				16B	9		SPI028	22	DC200Q	01	1	TDD	JQ		33B	B05	
07685		XA333	64		XA331	64				16B	9		SPI028	24	DMCK40	01	2	TQ2	F2		30A		
07686		XA331	64		XA331	61				16B	9		SPI028	25		01	2	EOR	E3		31A		
07687		XA331	61		XA331	57				16B	9		SPI028	26		01	2	EOR	F2		31B	B03	
07690		XA331	57		XA330	55				16B	9		SPI028	29		01	2	EOR	E4		28A	B05	
07692		XA330	55		XA330	57				16B	9		SPI028	31		01	1	TS4	F1		29B		
07693		XA330	57		XA330	71				16B	9		SPI028	32		01	1	TS4	E3		28A		
07694		XA330	71		XA331	71				16B	9		SPI028	33		01	1	TS4	F1		35B		
07695		XA331	71		XA331	75				16B	9		SPI028	34		01	1	EOR	F1		35B		
07696		XA331	75		XA331	76				16B	9		SPI028	35		01	2	EOR	F2		37B		
07697		XA331	76		XA331	70				16B	9		SPI028	36		01	2	EOR	F3		37A		
07698		XA331	70		XA330	70				16B	9		SPI028	37		01	2	EOR	F4		34A		
										****		SIGNAL	(SPI028)		IS ON THE		NEXT PAGE	****					

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RECORD NUMBER	FROM			SPICE	TO			DR PC	WIRE					SIGNAL	SEQ NO	EQUATION	TERM	FACTOR	CKT OR CHIP TYPE	GROUP	LOAD OR POWER PLANE	TEST POINTS AND/OR	SIGNAL DESCRIPTION	ECO NO
	PREFIX	CONNECTOR	PIN		PREFIX	CONNECTOR	PIN		MULTI GROUP	CODE	COLOR	IDENT	SPEC INST. MISC.											
51248		XA416	36		XA427	71		168	9				SPI034	73	TC53BP	01	1	TDD	FP		17A		B04	
51404		XA427	71		XA442	37		168	9				SPI034	74		01	1	DBC	E1		33B		B04	
51249		XA442	37										SPI034	75				RR4	D4				B04	
51251		XA416	53		XA417	53		168	9				SPI035	52	TX1MAQ	01	1	TDD	KQ		28B			
51252		XA417	53		XA418	56		168	9				SPI035	53	TX1MBQ	01	1	TDD	KQ		28B			
51253		XA418	56		XA421	50		168	9				SPI035	54	TSYNIA	01	8	TS8	D1		26A			
51254		XA421	50		XA422	41		168	9				SPI035	55	TADSWIX	01	8	MUX	C1		24A		C09	
51255		XA422	41		XA423	41		168	9				SPI035	56	TADSWIX	01	4	MUX	C1		19B		C09	
51256		XA423	41		XA424	50		168	9				SPI035	57	URDYX1X	01	4	MUX	C1		19B		C09	
51257		XA424	50		XA442	39		168	9				SPI035	58	UFPRX1X	01	8	MUX	C1		24A		C09	
51258		XA442	39		XA438	60		168	9				SPI035	59				RR4	D5					
51259		XA438	60		XA438	48		168	9				SPI035	60	TWDEPR	01	7	PAR	E1		29A			
51260		XA438	48		XA437	24		168	9				SPI035	61		01	7	PAR	D1		22A		B10	
51262		XA437	24		XA436	10		168	9				SPI035	63	TXRS00	01	6	TS8	B1		13A		A01	
57706		XA436	10		XA427	77		168	9				SPI035	64		01	1	TDD	AN		07A		A01	
51265		XA427	77		XA526	05		168	9				SPI035	66		01	4	DBC	E1		36B			
51266		XA526	05		XA526	18		168	9				SPI035	67	TS23BI	01	1	TDD	BT		03B			
51267		XA526	18		XA526	34		168	9				SPI035	68	TS31BI	01	1	TDD	DI		10A			
51268		XA526	34		XA526	48		168	9				SPI035	69	TS29CI	01	1	TDD	FI		16A			
51269		XA526	48		XA521	38		168	9				SPI035	70	TS31CI	01	1	TDD	HI		22A			
51270		XA521	38		XA514	04		168	9				SPI035	71	TRWCOA	01	6	TS8	C1		18A		D04	
56482		XA514	04		XA513	20		168	9				SPI035	73		01	1	TDD	BP		04A		D01	
54952		XA513	20		XA507	78		168	9				SPI035	74		01	1	TDD	DP		11A		D01	
51274		XA507	78		XA504	77		168	9				SPI035	75	TREN2R	01	7	TS8	F1		38A			
51275		XA504	77		XA504	66		168	9				SPI035	76	TREQ0A	01	6	TS8	F1		38B			
51276		XA504	66		XA503	42		168	9				SPI035	77	TWR1IA	01	6	TS8	E1		31A			
51277		XA503	42		XA502	38		168	9				SPI035	78	TRDPA	01	8	TS8	C1		20A			
51278		XA502	38		XA503	24		168	9				SPI035	79	TSNCOA	01	6	TS8	C1		18A			
51279		XA503	24		XA503	13		168	9				SPI035	80	TNDA2A	01	6	TS8	B1		13A			
51280		XA503	13		XA502	10		168	9				SPI035	81	TNSGOA	01	8	TS8	A1		06B			
51281		XA502	10		XA507	10		168	9				SPI035	82	TRUNAR	01	7	TS8	A1		07A			
51282		XA507	10		XA510	69		168	9				SPI035	83	TWENOR	01	7	TS8	A1		07A		C13	
54530		XA510	69										SPI035	84	TTMCA	01	1	TT3	E3		35A		C13	
51285		XA411	79		XA411	73		168	9				SPI036	51	TSCP30	01	2	TQ2	F1		39B			
51286		XA411	73		XA411	74		168	9				SPI036	52	TSCQ30	01	2	TQ2	F2		36B			
51287		XA411	74		XA411	78		168	9				SPI036	53	TSCR30	01	2	TQ2	F3		35B			
51288		XA411	78		XA412	79		168	9				SPI036	54	TSCS30	01	2	TQ2	F4		38A			
51289		XA412	79		XA413	80		168	9				SPI036	55	TKA010	01	2	TQ2	F1		39B			
51290		XA413	80		XA413	66		168	9				SPI036	56	TREWIQ	01	1	TDD	LQ		39A			
51291		XA413	66		XA412	70		168	9				SPI036	57	TC80BP	01	1	TDD	JP		31A			
51292		XA412	70		XA412	61		168	9				SPI036	58	TRTDC0	01	2	TQ2	E1		33A			
51293		XA412	61		XA412	64		168	9				SPI036	59	TRTD30	01	2	TQ2	F4		32B			
51294		XA412	64		XA412	56		168	9				SPI036	60	TRTD10	01	2	TQ2	E2		30A			
51295		XA412	56		XA412	55		168	9				SPI036	61	TRDCCA	01	2	TQ2	D1		26A			
51296		XA412	55		XA412	49		168	9				SPI036	62	TRTD20	01	2	TQ2	E3		29B			
51297		XA412	49		XA412	50		168	9				SPI036	63	TC11K0	01	2	TQ2	D4		24B			
51298		XA412	50		XA412	42		168	9				SPI036	64	TRDCA	01	2	TQ2	D2		23A			
51299		XA412	42		XA412	36		168	9				SPI036	65	TCRS7A	01	2	TQ2	C1		20A			
								***				SIGNAL	(SPI036)		IS ON THE						****			

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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	OR	PREFIX	CONNECTOR	PIN	OR	MULTI GROUP	CODE	COLOR	IDENT											
51347		XA435	17		XA437	25				168	9		SPI038	59	TXXC3Q	01	1	TDD	DQ		08B		
51348		XA437	25		XA437	40				168	9		SPI038	60	TXRS00	01	7	TS8	B1			12B	
51349		XA437	40		XA437	70				168	9		SPI038	61	TXDVIA	01	7	TS8	C1			19A	
51350		XA437	70		XA437	78				168	9		SPI038	62	TXSS0A	01	8	TS8	E1			33A	
51351		XA437	78		XA435	80				168	9		SPI038	63	TDRSCA	01	7	TS8	F1			38A	
51352		XA435	80		XA436	71				168	9		SPI038	64	TXST1Q	01	1	TDD	LQ			39A	
51353		XA436	71		XA427	73				168	9		SPI038	65	XXXACI	01	1	TDD	MI			36A	
51356		XA427	73		XA425	71				168	9		SPI038	68		01	2	DBC	E1			34B	
51357		XA425	71		XA425	53				168	9		SPI038	69	TREQCI	01	1	TDD	MI			36A	
51358		XA425	53		XA425	17				168	9		SPI038	70	TREDBQ	01	1	TDD	KQ			28B	
51359		XA425	17		XA425	29				168	9		SPI038	71	TSPAFQ	01	1	TDD	DQ			08B	
51360		XA425	29		XA425	41				168	9		SPI038	72	TWRIFQ	01	1	TDD	EQ			14B	
51361		XA425	41		XA424	41				168	9		SPI038	73	TWRIFQ	01	1	TDD	HQ			22B	
51362		XA424	41		XA423	47				168	9		SPI038	74	UFPRX1X	01	4	MUX	C1			19B	C09
51363		XA423	47		XA422	45				168	9		SPI038	75	URDYX1X	01	7	MUX	C1			23A	C09
51364		XA422	45		XA421	47				168	9		SPI038	76	TEOTX1X	01	6	MUX	C1			23B	
51365		XA421	47		XA420	55				168	9		SPI038	77	TADSWIX	01	7	MUX	C1			23A	C09
52460		XA420	55		XA418	52				168	9		SPI038	775				OSC					
51366		XA418	52		XA417	50				168	9		SPI038	78	TSYN1A	01	6	TS8	D1			24A	
51367		XA417	50		XA417	64				168	9		SPI038	79	TC748P	01	1	TDD	HP			23A	
51368		XA417	64		XA417	63				168	9		SPI038	80	TX1MBP	01	1	TDD	KP			30A	A02
53580		XA417	63		XA416	64				168	9		SPI038	81	TCSD1Q	01	1	TDD	JQ			33B	A02
51370		XA416	64		XA417	36				168	9		SPI038	82	TX1MAP	01	1	TDD	KP			30A	
51371		XA417	36		XA417	20				168	9		SPI038	83	TC548P	01	1	TDD	FP			17A	
51372		XA417	20		XA417	04				168	9		SPI038	84	TC348P	01	1	TDD	DP			11A	
51373		XA417	04										SPI038	85	TC148P	01	1	TDD	RP			04A	
51374		XA442	45		XA428	42				168	9		SPI039	51				RR4	E4				
51375		XA428	42		XA428	25				168	9		SPI039	52	TEBORA	01	2	TQ2	C1			20A	
51376		XA428	25		XA418	26				168	9		SPI039	53	TXPRSA	01	2	TQ2	B4			12B	
51377		XA418	26		XA418	54				168	9		SPI039	54	TCZROA	01	8	TS8	B1			14A	
51378		XA418	54		XA421	45				168	9		SPI039	55	TSYN1A	01	7	TS8	D1			25A	
51379		XA421	45		XA422	47				168	9		SPI039	56	TADSW1X	01	6	MUX	C1			23B	C09
51380		XA422	47		XA424	45				168	9		SPI039	57	TADSX1X	01	7	MUX	C1			23A	C09
51381		XA424	45		XA423	50				168	9		SPI039	58	UFPRX1X	01	6	MUX	C1			23B	C09
51382		XA423	50		XA425	51				168	9		SPI039	59	URDYX1X	01	8	MUX	C1			24A	C09
51383		XA425	51		XA425	39				168	9		SPI039	60	TWTSTQ	01	1	TDD	GQ			27B	
51384		XA425	39		XA425	27				168	9		SPI039	61	THISPQ	01	1	TDD	EQ			19B	
51385		XA425	27		XA425	03				168	9		SPI039	62	TSPACQ	01	1	TDD	CQ			13B	
51386		XA425	03		XA426	10				168	9		SPI039	63	TREWDQ	01	1	TDD	BQ			02A	
51387		XA426	10		XA426	05				168	9		SPI039	64	TXDVCO	01	2	TQ2	A1			07A	
51388		XA426	05		XA426	07				168	9		SPI039	65	TXHSTO	01	2	TQ2	A2			03B	
51389		XA426	07		XA426	13				168	9		SPI039	66	TXE0B0	01	2	TQ2	A3			03A	
51390		XA426	13		XA426	19				168	9		SPI039	67	TTAS10	01	2	TQ2	A4			06B	
51391		XA426	19		XA426	20				168	9		SPI039	68	TXSSTO	01	2	TQ2	B3			09B	
51392		XA426	20		XA426	26				168	9		SPI039	69	TREW20	01	2	TQ2	B2			11A	
51393		XA426	26		XA426	25				168	9		SPI039	70	TXIRCO	01	2	TQ2	B1			14A	
51394		XA426	25		XA426	31				168	9		SPI039	71	TXOFRO	01	2	TQ2	B4			12B	
51395		XA426	31		XA426	37				168	9		SPI039	72	TWRT30	01	2	TQ2	C3			15B	C09
51396		XA426	37		XA427	35				168	9		SPI039	73	TWRT20	01	2	TQ2	C4			18B	C09
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	PREFIX	CONNECTOR	PIN	PIN	PREFIX	CONNECTOR	PIN	PIN	BR	MULTI GROUP	CODE	COLOR												IDENTY
51397		XA427	35		XA426	36				168	9			SPI039	74	TXS035U	01 1	DBC	C5		16B			
51398		XA426	36		XA426	42				168	9			SPI039	75	TRED20	01 2	TQ2	C2		17A			
51399		XA426	42		XA427	49				168	9			SPI039	76	TSPA20	01 2	TQ2	C1		20A			
51400		XA427	49		XA427	66				168	9			SPI039	77	TXS475U	01 1	DBC	D5		24B			
51401		XA427	66		XA426	70				168	9			SPI039	78		01 1	DBC	E5		32B		B04	
51406		XA426	70		XA426	64				168	9			SPI039	83	TXCA10	01 2	TQ2	E1		33A			
51407		XA426	64		XA425	63				168	9			SPI039	84	TXDEVO	01 2	TQ2	E2		30A			
51408		XA425	63		XA425	77				168	9			SPI039	85	TREADQ	01 1	TDD	J0		33B			
51409		XA425	77											SPI039	86	TWRQCI	01 1	TDD	LI		38B			
51410		XA446	73		XA436	06				168	9			SPI040	51	TXPRSOX	01 1	DCF	D4		35B		A01	
57228		XA436	06		XA442	41				168	9			SPI040	52		01 1	TDD	AP		05A		A01	
51412		XA442	41		XA438	50				168	9			SPI040	53				RR4	E5				
51413		XA438	50		XA438	65				168	9			SPI040	54		01 6	PAR	D1		23A			
51414		XA438	65		XA534	03				168	9			SPI040	55	TWDDEPR	02 1	PAR	E1		33B			
51416		XA534	03		XA535	03				168	9			SPI040	57	T809BQ	01 1	TDD	BQ		02A			
51417		XA535	03		XA535	17				168	9			SPI040	58	T821BQ	01 1	TDD	BQ		02A			
51418		XA535	17		XA534	17				168	9			SPI040	59	T823BQ	01 1	TDD	DQ		08B			
51419		XA534	17		XA533	29				168	9			SPI040	60	T811BQ	01 1	TDD	DQ		08B			
51420		XA533	29		XA534	29				168	9			SPI040	61	T801BQ	01 1	TDD	FQ		14B			
51421		XA534	29		XA535	29				168	9			SPI040	62	T813BQ	01 1	TDD	FQ		14B			
51422		XA535	29		XA535	41				168	9			SPI040	63	T825BQ	01 1	TDD	FQ		14B			
51423		XA535	41		XA534	41				168	9			SPI040	64	T827BQ	01 1	TDD	HQ		22B			
51424		XA534	41		XA533	41				168	9			SPI040	65	T815BQ	01 1	TDD	HQ		22B			
51425		XA533	41		XA533	53				168	9			SPI040	66	T803BQ	01 1	TDD	HQ		22B			
51426		XA533	53		XA534	53				168	9			SPI040	67	T805BQ	01 1	TDD	KQ		28B			
51427		XA534	53		XA535	53				168	9			SPI040	68	T817BQ	01 1	TDD	KQ		28B			
51428		XA535	53		XA535	65				168	9			SPI040	69	T829BQ	01 1	TDD	KQ		28B			
51429		XA535	65		XA534	65				168	9			SPI040	70	T831BQ	01 1	TDD	MQ		34B			
51430		XA534	65		XA533	65				168	9			SPI040	71	T819BQ	01 1	TDD	MQ		34B			
51431		XA533	65		XA526	46				168	9			SPI040	72	T807BQ	01 1	TDD	MQ		34B			
51432		XA526	46		XA526	30				168	9			SPI040	73	TS31CN	01 1	TDD	HN		21A			
51433		XA526	30		XA526	14				168	9			SPI040	74	TS29CN	01 1	TDD	FN		15A			
51434		XA526	14		XA526	01				168	9			SPI040	75	TS31BN	01 1	TDD	DN		09A			
51435		XA526	01		XA427	80				168	9			SPI040	76	TS23BN	01 1	TDD	BN		02B			
51436		XA427	80		XA424	47				168	9			SPI040	77		01 5	DBC	E1		38B			
51437		XA424	47		XA423	45				168	9			SPI040	78	UFPRX1X	01 7	MUX	C1		23A		C09	
51438		XA423	45		XA421	41				168	9			SPI040	79	URDYX1X	01 6	MUX	C1		23B		C09	
51440		XA421	41		XA514	03				168	9			SPI040	81	TADSW1X	01 4	MUX	C1		19B		D04	
51668		XA514	03		XA513	17				168	9			SPI040	83		01 1	TDD	RQ		02A		D01	
51670		XA513	17											SPI040	84		01 1	TDD	DQ		08B		D01	
51445		XA442	62		XA438	49				168	9			SPI041	51				RR4	F1				
51446		XA438	49		XA436	15				168	9			SPI041	52		01 4	PAR	D1		26B		A01	
57723		XA436	15		XA427	75				168	9			SPI041	53		01 1	TDD	AQ		07B		A01	
51448		XA427	75		XA514	71				168	9			SPI041	54		01 3	DBC	E1		35B		D04	
51450		XA514	71		XA513	71				168	9			SPI041	56		01 1	TDD	MI		36A			
51451		XA513	71		XA502	05				168	9			SPI041	57		01 1	TDD	MI		36A		C09	
55230		XA502	05											SPI041	58	TRUNAR	01 3	TS8	A1		03B		C09	
										****		SIGNAL		SPI042		IS ON THE		NEXT PAGE		****				

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DRAWING NUMBER 149017-800 STRING UNIT ASSEMBLY NO. 149017 REV E INDEX SPI042
 UNIT ASSEMBLY NAME CARD CAGE ASSY B,IFCU FILE IDENT T39C1FC7 DATE 09-03-82 PAGE 191

RECORD NUMBER	FROM				TO				WIRE				SIGNAL	SEQ NO	EQUATION	TERM FACTOR	CKT OR CHIP TYPE	GROUP	LOAD OR POWER PLANE	TEST POINTS (AND/OR)	SIGNAL DESCRIPTION	ECO NO
	PREFIX	CONNECTOR	PIN	OR	PREFIX	CONNECTOR	PIN	OR	MULTI GROUP	CODE	COLOR	IDENT										
51452		XA442	56		XA432	10				16B	9		SPI042	51			RR4	F2				
51453		XA432	10		XA432	05				16B	9		SPI042	52	TXXDRA	01 2	TQ2	A1			07A	
51454		XA432	05		XA432	07				16B	9		SPI042	53	TXROPA	01 2	TQ2	A2			03B	
51455		XA432	07		XA432	13				16B	9		SPI042	54	TXXBCA	01 2	TQ2	A3			03A	
51456		XA432	13		XA434	15				16B	9		SPI042	55	TXXACA	01 2	TQ2	A4			06B	
51457		XA434	15		XA434	29				16B	9		SPI042	56	TXXAQQ	01 1	TDD	A0			07B	
51447		XA434	29		XA432	26				16B	9		SPI042	57	TXXCOQ	01 1	TDD	F0			14B	
51459		XA432	26		XA432	31				16B	9		SPI042	58	TXXADA	01 2	TQ2	B1			14A	
51461		XA432	31		XA432	36				16B	9		SPI042	60	TXSK00	01 2	TQ2	C3			15B	
51463		XA432	36		XA432	42				16B	9		SPI042	62	TXXDDA	01 2	TQ2	C2			17A	
51464		XA432	42		XA432	50				16B	9		SPI042	63	TXEAO0	01 2	TQ2	C1			20A	
51465		XA432	50		XA432	55				16B	9		SPI042	64	TXXCS0	01 2	TQ2	D2			23A	
51466		XA432	55		XA432	61				16B	9		SPI042	65	TXRS1A	01 2	TQ2	E3			29B	
51467		XA432	61		XA432	64				16B	9		SPI042	66	TXRS2A	01 2	TQ2	F4			32B	
51468		XA432	64		XA433	74				16B	9		SPI042	67	TXRS0A	01 2	TQ2	E2			30A	
51469		XA433	74		XA432	79				16B	9		SPI042	68	TO33MA	01 4	TD4	F2			35B	
51470		XA432	79		XA432	78				16B	9		SPI042	69	TXRS3A	01 2	TQ2	F1			39B	
51471		XA432	78		XA432	74				16B	9		SPI042	70	TXRS6A	01 2	TQ2	F4			38A	
51472		XA432	74		XA432	73				16B	9		SPI042	71	TXRS5A	01 2	TQ2	F3			35B	
51473		XA432	73		XA428	73				16B	9		SPI042	72	TXRS4A	01 2	TQ2	F2			36B	
51474		XA428	73		XA428	79				16B	9		SPI042	73	TXRS8A	01 2	TQ2	F2			36B	
51475		XA428	79		XA428	78				16B	9		SPI042	74	TXRS7A	01 2	TQ2	F1			39B	
51476		XA428	78		XA428	74				16B	9		SPI042	75	TXRSAA	01 2	TQ2	F4			38A	
51477		XA428	74		XA428	70				16B	9		SPI042	76	TXRS9A	01 2	TQ2	F3			35B	
51478		XA428	70		XA428	56				16B	9		SPI042	77	TEBZRO	01 2	TQ2	E1			33A	
51480		XA428	56		XA428	50				16B	9		SPI042	79	TLRC70	01 2	TQ2	D1			26A	
51481		XA428	50		XA428	49				16B	9		SPI042	80	TWRITO	01 2	TQ2	D2			23A	
51482		XA428	49		XA428	43				16B	9		SPI042	81	TXXCIA	01 2	TQ2	D4			26B	
51483		XA428	43		XA428	37				16B	9		SPI042	82	TEB590	01 2	TQ2	D3			23B	
51484		XA428	37		XA428	36				16B	9		SPI042	83	TEB3RA	01 2	TQ2	C4			18B	
51485		XA428	36		XA428	31				16B	9		SPI042	84	TEB1RA	01 2	TQ2	C2			17A	
51486		XA428	31		XA427	78				16B	9		SPI042	85	TEB2RA	01 2	TQ2	C3			15B	
51402		XA427	78										SPI042	86		01 1	DBC	E4			38A	
51488		XA435	15		XA435	27				16B	9		SPI043	52	TXXA1Q	01 1	TDD	AQ			07B	
51489		XA435	27		XA435	29				16B	9		SPI043	53	TXXC1Q	01 1	TDD	CQ			13B	
51490		XA435	29		XA436	29				16B	9		SPI043	54	TXXB1Q	01 1	TDD	FQ			14B	
51491		XA436	29		XA436	27				16B	9		SPI043	55	TWRQ4Q	01 1	TDD	FQ			14B	
51492		XA436	27		XA437	26				16B	9		SPI043	56	TXXB0Q	01 1	TDD	CQ			13B	
51493		XA437	26		XA439	31				16B	9		SPI043	57	TXRS0Q	01 8	TS8	B1			14A	
51494		XA439	31		XA440	43				16B	9		SPI043	58	TXX050	01 2	TQ2	C3			15B	
51495		XA440	43		XA442	55				16B	9		SPI043	59	TXXR0Q	01 2	TQ2	D3			23B	
51496		XA442	55		XA440	56				16B	9		SPI043	60				RR4	F3			
51497		XA440	56		XA440	50				16B	9		SPI043	61	TXXA40	01 2	TQ2	D1			26A	
51498		XA440	50		XA440	49				16B	9		SPI043	62	TXXA50	01 2	TQ2	D2			23A	
51499		XA440	49		XA439	50				16B	9		SPI043	63	TXXB1Q	01 2	TQ2	D4			26B	
51500		XA439	50		XA439	56				16B	9		SPI043	64	TXDV20	01 2	TQ2	D2			23A	
51501		XA439	56		XA439	55				16B	9		SPI043	65	TXDV10	01 2	TQ2	D1			26A	
51502		XA439	55		XA438	57				16B	9		SPI043	66	TREW3A	01 2	TQ2	E3			29B	
51503		XA438	57		XA438	47				16B	9		SPI043	67	TWDDEPR	01 8	PAR	E1			28A	
										***	SIGNAL	(SPI043)			IS ON THE		NEXT PAGE	***				

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DRAWING NUMBER
UNIT ASSEMBLY NAME

149017-800 STRING
CARD CAGE ASSY B,IFCU

UNIT ASSEMBLY NO. 149017
FILE IDENT T39C1FC7

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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 PIG	PREFIX	CONNECTOR	PIN	DI PIG	MULTI GROUP	CODE	COLOR	IDENT											
51504		XA438	47		XA437	42				16B	9		SPI043	68			01	3	PAR	D1	25B		
51505		XA437	42		XA439	43				16B	9		SPI043	69	TXDV1A		01	8	TS8	C1	20A		
51506		XA439	43		XA439	49				16B	9		SPI043	70	TXDV30		01	2	TQ2	D3	23B		
51507		XA439	49		XA439	61				16B	9		SPI043	71	TXDV40		01	2	TQ2	D4	26B		
51508		XA439	61		XA439	64				16B	9		SPI043	72	TRDCCO		01	2	TQ2	E4	32B		
51509		XA439	64		XA439	70				16B	9		SPI043	73	TEB4RA		01	2	TQ2	E2	30A		
51510		XA439	70		XA440	70				16B	9		SPI043	74	TXDEVA		01	2	TQ2	E1	33A		
51511		XA440	70		XA439	73				16B	9		SPI043	75	TXXB20		01	2	TQ2	E1	33A		
51512		XA439	73		XA437	68				16B	9		SPI043	76	TXST2A		01	2	TQ2	F2	36B		
51513		XA437	68		XA437	79				16B	9		SPI043	77	TXSS0A		01	7	TS8	F1	32A		
51514		XA437	79		XA436	75				16B	9		SPI043	78	TDRSCA		01	8	TS8	F1	39B		
51515		XA436	75		XA435	75				16B	9		SPI043	79	TXSTOP		01	1	TDD	LP	37B		
51516		XA435	75		XA434	80				16B	9		SPI043	80	TXST1P		01	1	TDD	LP	37B		
51517		XA434	80		XA435	53				16B	9		SPI043	81	TXXR2Q		01	1	TDD	LQ	39A		
51518		XA435	53		XA435	51				16B	9		SPI043	82	TXXR0Q		01	1	TDD	KQ	28B		
51519		XA435	51		XA434	51				16B	9		SPI043	83	TXEB1Q		01	1	TDD	GQ	27B		
51520		XA434	51		XA434	39				16B	9		SPI043	84	TXXB2Q		01	1	TDD	GQ	27B		
51521		XA434	39		XA436	53				16B	9		SPI043	85	TXXD0Q		01	1	TDD	FQ	19B		
51522		XA436	53										SPI043	86	TXXR1Q		01	1	TDD	KQ	28B		
51523		XA504	68		XA504	78				16B	9		SPI044	51	TWRI1A		01	7	TS8	E1	32A		
51524		XA504	78		XA502	68				16B	9		SPI044	52	TREQ0A		01	7	TS8	F1	38A		
51526		XA502	68		XA503	79				16B	9		SPI044	54	U1658A		01	7	TS8	E1	32A	C.13	
58097		XA503	79		XA503	54				16B	9		SPI044	545	IINT10		01	8	TS8	F1	39B	C.09	
51527		XA503	54		XA503	40				16B	9		SPI044	55	TSBZYO		01	7	TS8	D1	25A		
51528		XA503	40		XA502	42				16B	9		SPI044	56	TRT0PA		01	7	TS8	C1	19A		
51529		XA502	42		XA503	25				16B	9		SPI044	57	TSNCOA		01	8	TS8	C1	20A		
51530		XA503	25		XA502	13				16B	9		SPI044	58	TNDA2A		01	7	TS8	B1	12B		
51531		XA502	13		XA503	10				16B	9		SPI044	59	TRUNAR		01	8	TS8	A1	06B		
51532		XA503	10		XA438	62				16B	9		SPI044	60	TNSGOA		01	7	TS8	A1	07A		
51533		XA438	62		XA438	43				16B	9		SPI044	61	TWDDEPR		01	6	PAR	E1	30A		
51534		XA438	43		XA441	43				16B	9		SPI044	62			01	1	PAR	D1	23B		
51535		XA441	43		XA441	49				16B	9		SPI044	63	TXGN5A		01	2	TQ2	D3	23B		
51536		XA441	49		XA441	54				16B	9		SPI044	64	TXGN6A		01	2	TQ2	D4	26B		
51537		XA441	54		XA442	53				16B	9		SPI044	65	TXGN1A		01	1	TQ2	D1	25A		
51538		XA442	53		XA443	54				16B	9		SPI044	66					RR4	F4			
51539		XA443	54		XA444	55				16B	9		SPI044	67			01	1	TLD	D1	25A		
51540		XA444	55		XA444	61				16B	9		SPI044	68			01	2	TLD	E3	29B		
51541		XA444	61		XA444	62				16B	9		SPI044	69			01	2	TLD	E4	32B		
51542		XA444	62		XA444	68				16B	9		SPI044	70			01	1	TLD	E2	29A		
51543		XA444	68		XA444	65				16B	9		SPI044	71			01	1	TLD	E1	32A		
51544		XA444	65		XA444	71				16B	9		SPI044	72			01	1	TLD	F3	34B		
51545		XA444	71		XA444	77				16B	9		SPI044	73			01	1	TLD	F2	36A		
51546		XA444	77		XA444	78				16B	9		SPI044	74			01	1	TLD	F1	38B		
51547		XA444	78		XA445	73				16B	9		SPI044	75			01	2	TLD	F4	38A		
51548		XA445	73		XA446	71				16B	9		SPI044	76			01	1	DCF	D4	35B		
51549		XA446	71		XA443	50				16B	9		SPI044	77	UMALFOX		01	1	DCF	D2	34B		
51550		XA443	50		XA443	41				16B	9		SPI044	78			01	2	TLD	D2	23A		
51551		XA443	41		XA443	37				16B	9		SPI044	79			01	1	TLD	D3	22B		
51552		XA443	37		XA444	35				16B	9		SPI044	80			01	2	TLD	C4	18B		
										****		SIGNAL	SPI044		IS ON THE						****		
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DRAWING NUMBER
UNIT ASSEMBLY NAME

149017-800
CARD CAGE ASSY B,IFCU

STRING

UNIT ASSEMBLY NO.
FILE IDENT

149017
T39CIFC7

REV
DATE

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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	HP	PREFIX	CONNECTOR	PIN	HP	MULTI GROUP	CODE	COLOR	IDENT											
51590		XA441	56		XA440	55			16B	9			SPI048	55	TXGN1A	01 2	TQ2	D1		26A			
51591		XA440	55		XA440	61			16B	9			SPI048	56	TXXB40	01 2	TQ2	E3		29B			
51592		XA440	61		XA441	61			16B	9			SPI048	57	TXXB50	01 2	TQ2	E4		32B			
51593		XA441	61		XA440	64			16B	9			SPI048	58	TXADEA	01 2	TQ2	E4		32B			
51594		XA440	64		XA442	63			16B	9			SPI048	59	TXXB30	01 2	TQ2	E2		30A			
51595		XA442	63		XA441	64			16B	9			SPI048	60			RR4	G4					
51596		XA441	64		XA441	70			16B	9			SPI048	61	TXBSLA	01 2	TQ2	E2		30A			
51597		XA441	70		XA441	79			16B	9			SPI048	62	TXASLA	01 2	TQ2	E1		33A			
51598		XA441	79		XA440	78			16B	9			SPI048	63	TXAIE0	01 2	TQ2	F1		39B			
51599		XA440	78		XA440	74			16B	9			SPI048	64	TXBR00	01 2	TQ2	F4		38A			
51600		XA440	74		XA441	73			16B	9			SPI048	65	TXARQ0	01 2	TQ2	F3		35B			
51601		XA441	73		XA441	74			16B	9			SPI048	66	TXAIF0	01 2	TQ2	F2		36B			
51602		XA441	74		XA441	78			16B	9			SPI048	67	TXBIE0	01 2	TQ2	F3		35B			
51603		XA441	78		XA444	79			16B	9			SPI048	68	TXBIF0	01 2	TQ2	F4		38A			
51604		XA444	79		XA444	73			16B	9			SPI048	69		01 2	TLD	F1		39B			
51605		XA444	73		XA444	76			16B	9			SPI048	70		01 2	TLD	F2		36B			
51606		XA444	76		XA444	74			16B	9			SPI048	71		01 1	TLD	F4		37A			
51607		XA444	74		XA444	70			16B	9			SPI048	72		01 2	TLD	F3		35B			
51608		XA444	70		XA444	64			16B	9			SPI048	73		01 2	TLD	E1		33A			
51609		XA444	64		XA444	59			16B	9			SPI048	74		01 2	TLD	E2		30A			
51610		XA444	59		XA444	53			16B	9			SPI048	75		01 1	TLD	E4		31B			
51611		XA444	53		XA443	56			16B	9			SPI048	76		01 1	TLD	E3		28B			
51612		XA443	56		XA443	48			16B	9			SPI048	77		01 2	TLD	D1		26A			
51613		XA443	48		XA443	43			16B	9			SPI048	78		01 1	TLD	D2		22A			
51614		XA443	43		XA443	35			16B	9			SPI048	79		01 2	TLD	D3		23B			
51615		XA443	35		XA444	37			16B	9			SPI048	80		01 1	TLD	C4		17B			
51616		XA444	37										SPI048	81	TCILK04	01 2	TLD	C4		18B			
51617		XA507	26		XA506	42			16B	9			SPI049	51	TWRIOR	01 8	TS8	B1		14A			
51618		XA506	42		XA503	38			16B	9			SPI049	52	TWENCA	01 2	TQ2	C1		20A			
51619		XA503	38		XA502	40			16B	9			SPI049	53	TRT0PA	01 6	TS8	C1		18A			
51620		XA502	40		XA502	56			16B	9			SPI049	54	TSNCOA	01 7	TS8	C1		19A			
51621		XA502	56		XA503	56			16B	9			SPI049	55	TRMROA	01 8	TS8	D1		26A			
51622		XA503	56		XA504	56			16B	9			SPI049	56	TSBZY0	01 8	TS8	D1		26A			
51623		XA504	56		XA504	70			16B	9			SPI049	57	TRT03A	01 8	TS8	D1		26A			
51624		XA504	70		XA502	70			16B	9			SPI049	58	TWR1IA	01 8	TS8	F1		33A			
51625		XA502	70		XA502	79			16B	9			SPI049	59	U1658A	01 8	TS8	E1		33A		C09	
51626		XA502	79		XA504	79			16B	9			SPI049	60	TINT6A	01 8	TS8	F1		39B			
51627		XA504	79		XA505	79			16B	9			SPI049	61	TREQQA	01 8	TS8	F1		39B			
51628		XA505	79		XA505	78			16B	9			SPI049	62	TWR09A	01 2	TQ2	F1		39B		C09	
51629		XA505	78		XA505	74			16B	9			SPI049	63	TINT1A	01 2	TQ2	F4		38A			
51630		XA505	74		XA505	64			16B	9			SPI049	64	TRT000	01 2	TQ2	E3		35B			
51631		XA505	64		XA506	49			16B	9			SPI049	65	TKBRSA	01 2	TQ2	E2		30A		C05	
51633		XA506	49		XA505	50			16B	9			SPI049	67	TREQRA	01 2	TQ2	D4		26B			
51634		XA505	50		XA505	49			16B	9			SPI049	68	TKRS1A	01 2	TQ2	D2		23A			
51635		XA505	49		XA504	42			16B	9			SPI049	69	TKRS0A	01 2	TQ2	D4		26B			
51636		XA504	42		XA505	42			16B	9			SPI049	70	TRT02A	01 8	TS8	C1		20A			
51637		XA505	42		XA505	36			16B	9			SPI049	71	TLRC80	01 2	TQ2	C1		20A			
51638		XA505	36		XA506	29			16B	9			SPI049	72	TTMDC0	01 2	TQ2	C2		17A			
51639		XA506	29		XA504	26			16B	9			SPI049	73	TXGN2A	01 1	TQ2	C3		14B		C09	
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 DRAWING NUMBER
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149017-800
 CARD CAGE ASSY B,IFCU

STRING

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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	DR FC	PREFIX	CONNECTOR	PIN	DR FC	MULTI GROUP	CODE	COLOR	IDENT												WIRE INST	WIRE PAUC			
51640		XA504	26		XA503	26				16B	9		SPI049	74	TRTD1A	01	8	TS8	B1		14A							
51641		XA503	26		XA502	26				16B	9		SPI049	75	TMDAZA	01	8	TS8	B1		14A							
51642		XA502	26		XA502	08				16B	9		SPI049	76	TBSYOA	01	8	TS8	B1		14A							
51643		XA502	08		XA503	08				16B	9		SPI049	77	TRUNAR	01	6	TS8	A1		06A							
51644		XA503	08		XA504	13				16B	9		SPI049	78	TNSGOA	01	6	TS8	A1		06A							
51645		XA504	13		XA506	13				16B	9		SPI049	79	TRTDOA	01	8	TS8	A1		06B							
51646		XA506	13		XA507	08				16B	9		SPI049	80	TS29SA	01	2	TQ2	A4		06B							
51647		XA507	08		XA442	61				16B	9		SPI049	81	TWENOR	01	6	TS8	A1		06A							
51648		XA442	61		XA445	71				16B	9		SPI049	82		01		RR4	G5									
51649		XA445	71		XA446	72				16B	9		SPI049	83		01	1	DCF	D2		34B							
51650		XA446	72										SPI049	84	UMALFDX	01	1	DCF	D1		36A	C09						
51653		XA507	13		XA507	25				16B	9		SPI050	53	TWENOR	01	8	TS8	A1		06B							
51654		XA507	25		XA506	31				16B	9		SPI050	54	TWRIOR	01	7	TS8	B1		12B							
51655		XA506	31		XA514	80				16B	9		SPI050	55	TXGN2A	01	2	TQ2	C3		15B	D04						
51442		XA514	80		XA513	80				16B	9		SPI050	60	TWRQ2Q	01	1	TDD	LQ		39A	D01						
51443		XA513	80		XA513	53				16B	9		SPI050	61	TREQ2Q	01	1	TDD	LQ		39A	D01						
51664		XA513	53		XA513	41				16B	9		SPI050	64	TKC02Q	01	1	TDD	KQ		28B							
51665		XA513	41		XA514	41				16B	9		SPI050	65	TKB00Q	01	1	TDD	HQ		22B							
51666		XA514	41		XA514	29				16B	9		SPI050	66	TKB01Q	01	1	TDD	HQ		22B							
51667		XA514	29		XA514	01				16B	9		SPI050	67	TMWC0Q	01	1	TDD	FQ		14B	D01						
55530		XA514	01		XA513	03				16B	9		SPI050	68		01	1	TDD	BN		02B	D01						
51669		XA513	03		XA513	14				16B	9		SPI050	69	TWRQ3Q	01	1	TDD	BQ		02A	D01						
55526		XA513	14		XA514	17				16B	9		SPI050	70		01	1	TDD	DN		09A	D01						
51671		XA514	17		XA521	13				16B	9		SPI050	71	TREQ3Q	01	1	TDD	DQ		08B							
51672		XA521	13		XA519	24				16B	9		SPI050	72	TCZR7A	01	8	TS8	A1		06B							
51673		XA519	24		XA521	42				16B	9		SPI050	73		01	1	TQ2	B1		13A							
51674		XA521	42		XA521	68				16B	9		SPI050	74	TRWCOA	01	8	TS8	C1		20A							
51675		XA521	68		XA526	65				16B	9		SPI050	75	TRRCOA	01	7	TS8	E1		32A							
51676		XA526	65		XA526	63				16B	9		SPI050	76	TMO2BQ	01	1	TDD	MQ		34B	A02						
51677		XA526	63		XA526	56				16B	9		SPI050	77	TKA02Q	01	1	TDD	JQ		33B	A02						
51678		XA526	56		XA526	42				16B	9		SPI050	78	TS30CN	01	1	TDD	GN		26A							
51679		XA526	42		XA526	26				16B	9		SPI050	79	TS26CN	01	1	TDD	EN		20A							
51680		XA526	26		XA526	10				16B	9		SPI050	80	TS30BN	01	1	TDD	CN		14A							
51681		XA526	10		XA527	10				16B	9		SPI050	81	TS148N	01	1	TDD	AN		07A							
51682		XA527	10		XA442	78				16B	9		SPI050	82	TEBZRA	01	7	TS8	A1		07A							
51683		XA442	78										SPI050	83				RR4	H1									
56346		XA507	20		XA507	70				16B	9		SPI051	02	TWRIOR	01	4	TS8	B1		11A	C05						
51684		XA507	70		XA507	79				16B	9		SPI051	51	TREQ4A	01	8	TS8	F1		33A							
51685		XA507	79		XA511	79				16B	9		SPI051	52	TREN2R	01	8	TS8	F1		39B							
51686		XA511	79		XA511	73				16B	9		SPI051	53	TWDDFO	01	2	TQ2	F1		39B							
51687		XA511	73		XA514	05				16B	9		SPI051	54	TWDDFO	01	2	TQ2	F2		36B	D01						
56499		XA514	05		XA513	18				16B	9		SPI051	56		01	1	TDD	BI		03B	D01						
54970		XA513	18		XA513	63				16B	9		SPI051	57		01	1	TDD	DI		10A	D01						
51691		XA513	63		XA514	63				16B	9		SPI051	58	TKC01Q	01	1	TDD	JQ		33B							
51692		XA514	63		XA514	51				16B	9		SPI051	59	TKC00Q	01	1	TDD	JQ		33B							
51693		XA514	51		XA513	54				16B	9		SPI051	60	TKA01Q	01	1	TDD	GQ		27B							
51694		XA513	54		XA511	54				16B	9		SPI051	61	TKA00I	01	1	TDD	GI		25A							
51695		XA511	54		XA511	43				16B	9		SPI051	62	TRENC0	01	1	TQ2	D1		25A	C05						
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	PREFIX	CONNECTOR	PIN	DR PA	PREFIX	CONNECTOR	PIN	DR PA	MULTI GROUP	CODE	COLOR												IDENT
51863		XA534	52		XA533	52				168	9		SPI056	63	TB148P	01	1	TDD	GP	24A			
51864		XA533	52		XA533	38				168	9		SPI056	64	TB028P	01	1	TDD	GP	24A			
51865		XA533	38		XA534	38				168	9		SPI056	65	TB008P	01	1	TDD	EP	18A			
51866		XA534	38		XA535	38				168	9		SPI056	66	TB128P	01	1	TDD	EP	18A			
51867		XA535	38		XA535	22				168	9		SPI056	67	TB248P	01	1	TDD	EP	18A			
51868		XA535	22		XA534	22				168	9		SPI056	68	TB228P	01	1	TDD	CP	12A			
51869		XA534	22		XA534	06				168	9		SPI056	69	TB108P	01	1	TDD	CP	12A			
51870		XA534	06		XA535	06				168	9		SPI056	70	TB088P	01	1	TDD	AP	05A			
51871		XA535	06		XA544	47				168	9		SPI056	71	TB208P	01	1	TDD	AP	05A			
51875		XA544	47										SPI056	75			RR4	E3					
51876		XA544	45		XA541	52				168	9		SPI057	51			RR4	E4					
51877		XA541	52		XA540	46				168	9		SPI057	52	TLRC2P	01	1	TDD	GP	24A			
51878		XA540	46		XA541	38				168	9		SPI057	53	TLRC2P	01	2	EOR	D4	21A			
51879		XA541	38		XA541	27				168	9		SPI057	54	TLRC0P	01	1	TDD	EP	18A			
51880		XA541	27		XA541	15				168	9		SPI057	55	TD1RSQ	01	1	TDD	CQ	13B			
51881		XA541	15		XA539	03				168	9		SPI057	56	TTS18Q	01	1	TDD	AQ	07B		D01	
51886		XA539	03		XA539	17				168	9		SPI057	61	TTASLQ	01	1	TDD	B0	02A			
51887		XA539	17		XA540	53				168	9		SPI057	62	TXXC4Q	01	1	TDD	DQ	08B			
51901		XA540	53		XA540	57				168	9		SPI057	76	TLRC0ER	01	2	EOR	E1	28B			
51902		XA540	57		XA540	61				168	9		SPI057	77	TLRC3ER	01	2	EOR	E4	28A			
51903		XA540	61		XA540	64				168	9		SPI057	78	TLRC1ER	01	2	EOR	E2	31B			
51904		XA540	64		XA541	66				168	9		SPI057	79	TLRC2ER	01	2	EOR	E3	31A			
51905		XA541	66		XA540	69				168	9		SPI057	80	TLRC4P	01	1	TDD	JP	31A		D01	
51907		XA540	69		XA540	75				168	9		SPI057	82	TLRC4ER	01	2	EOR	F1	34B			
51908		XA540	75		XA540	76				168	9		SPI057	83	TLRC5ER	01	2	EOR	F2	37B			
51909		XA540	76		XA541	75				168	9		SPI057	84	TLRC6ER	01	2	EOR	F3	37A			
51910		XA541	75										SPI057	85	TLRC6P	01	1	TDD	LP	37B			
51921		XA546	11		XA545	11				168	9		SPI058	51	TRDB00X	01	1	DCF	A2	04B			
51922		XA545	11		XA545	31				168	9		SPI058	52	TB0T10X	01	1	DCF	A2	04B			
51923		XA545	31		XA546	31				168	9		SPI058	53	TEOT10X	01	1	DCF	B2	12B			
51924		XA546	31		XA546	49				168	9		SPI058	54	TRDB40X	01	1	DCF	B2	12B			
51925		XA546	49		XA545	49				168	9		SPI058	55	TRDBPOX	01	1	DCF	C2	27B			
51926		XA545	49		XA544	62				168	9		SPI058	56	TFPR10X	01	1	DCF	C2	27B			
51927		XA544	62		XA546	71				168	9		SPI058	57			RR4	F1					
51928		XA546	71		XA545	71				168	9		SPI058	58	TRDY10X	01	1	DCF	D2	34B			
51929		XA545	71		XA543	76				168	9		SPI058	59	TREW10X	01	1	DCF	D2	34B			
51930		XA543	76		XA543	71				168	9		SPI058	60									
51931		XA543	71		XA543	65				168	9		SPI058	61									
51932		XA543	65		XA542	65				168	9		SPI058	62									
51933		XA542	65		XA541	64				168	9		SPI058	63	TT07BQ	01	1	TDD	MQ	34B			
51934		XA541	64		XA541	73				168	9		SPI058	64	TLRC5P	01	1	TDD	KP	30A			
51935		XA541	73		XA542	53				168	9		SPI058	65	TLRC7P	01	1	TDD	MP	36B			
51936		XA542	53		XA541	50				168	9		SPI058	66	TT05BQ	01	1	TDD	KQ	28B			
51937		XA541	50		XA542	41				168	9		SPI058	67	TLRC3P	01	1	TDD	HP	23A			
51938		XA542	41		XA541	36				168	9		SPI058	68	TT03BQ	01	1	TDD	HO	22B			
51939		XA541	36		XA542	29				168	9		SPI058	69	TLRC1P	01	1	TDD	EP	17A			
51940		XA542	29		XA541	20				168	9		SPI058	70	TT01BQ	01	1	TDD	FO	14B			
51941		XA541	20		XA542	17				168	9		SPI058	71	TLRCPP	01	1	TDD	DP	11A			
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	PREFIX	CONNECTOR	PIN	WIRE	PREFIX	CONNECTOR	PIN	WIRE	MULTI GROUP	CODE	COLOR	IDENT											
07987		XA112	72		XA112	78		168	9			SPI061	14			01	3	TT3	F2		34A		D01
07993		XA112	78		XA112	79		168	9			SPI061	15	DMSTQ0		01	3	TT3	F3		38A		C08
07994		XA112	79		XA214	78		168	9			SPI061	16	DSROPA		01	3	TT3	F1		39B		C11
10873		XA214	78		XA214	49		168	9			SPI061	17	DWEN3A		01	3	TT3	F3		38A		C03
10846		XA214	49		XA214	48		168	9			SPI061	20	DRNCA		01	3	TT3	D3		26B		B10
10845		XA214	48		XA214	42		168	9			SPI061	21	DRCL7A		01	3	TT3	D2		22A		B07
10840		XA214	42		XA214	37		168	9			SPI061	22	DRLS40		01	3	TT3	C1		20A		B10
10835		XA214	37		XA214	34		168	9			SPI061	23	DRW00		01	3	TT3	C3		18B		B10
10832		XA214	34		XA214	25		168	9			SPI061	24	DMCY2A		01	3	TT3	C2		16A		B10
10825		XA214	25		XA214	13		168	9			SPI061	25	DRW32A		01	3	TT3	B3		12B		B10
10814		XA214	13		XA309	03		168	9			SPI061	26	DWOPSA		01	3	TT3	A3		06B		B10
11170		XA309	03		XA309	15		168	9			SPI061	27	DBL00Q		01	1	TDD	B0		02A		B10
11181		XA309	15		XA309	17		168	9			SPI061	28	DWB32Q		01	1	TDD	A0		07B		B10
11182		XA309	17		XA309	29		168	9			SPI061	29	DWOPRQ		01	1	TDD	D0		08B		D01
11193		XA309	29		XA309	41		168	9			SPI061	30	DMREBQ		01	1	TDD	F0		14B		E01
11204		XA309	41		XA309	51		168	9			SPI061	32	DBFUDQ		01	1	TDD	H0		22B		C10
11213		XA309	51		XA309	53		168	9			SPI061	33			01	1	TDD	G0		27B		B10
11215		XA309	53		XA309	63		168	9			SPI061	34	DTCW5Q		01	1	TDD	K0		28B		C07
11224		XA309	63		XA309	65		168	9			SPI061	35	DDATHQ		01	1	TDD	J0		33B		B10
11226		XA309	65		XA325	72		168	9			SPI061	36	DSELRQ		01	1	TDD	M0		34B		C08
11510		XA325	72									SPI061	38					RR4	G1				B10
03460		XA327	60		XA325	51		168	9			SPI062	06			01	2	TS8	E1		28A		
11500		XA325	51		XA224	64		168	9			SPI062	07					RR4	F5				
00422		XA224	64		XA224	31		168	9			SPI062	08	DRA3AA		01	2	TQ2	E2		30A		C07
03017		XA224	31		XA214	70		168	9			SPI062	08C	DRW320		01	2	TQ2	C3		15B		C03
10865		XA214	70		XA212	72		168	9			SPI062	09	DRB36A		01	3	TT3	E1		33A		C03
03899		XA212	72		XA208	63		168	9			SPI062	10	DSROCA		01	3	TT3	F2		34A		C03
03282		XA208	63		XA208	54		168	9			SPI062	11	DRPERQ		01	1	TDD	J0		33B		C03
03242		XA208	54		XA206	64		168	9			SPI062	12	DMT10I		01	1	TDD	GT		25A		
00534		XA206	64		XA105	23		168	9			SPI062	13	DRE084U		01	1	DBC	D4		30A		
04237		XA105	23		XA111	50		168	9			SPI062	14	DTS310		01	2	TT3	B3		11B		B05
03264		XA111	50		XA102	52		168	9			SPI062	15	DRAS1A		01	2	TQ2	D2		23A		B09
07019		XA102	52		XA102	64		168	9			SPI062	18	DRSC2A		01	6	TS8	D1		24A		B09
07062		XA102	64		XA112	53		168	9			SPI062	19	DRTC2A		01	5	TS8	E1		30A		E01
07970		XA112	53		XA112	45		168	9			SPI062	25			01	1	TT3	F2		28B		D05
07962		XA112	45		XA309	42		168	9			SPI062	27			01	1	TT3	03		24B		D05
11205		XA309	42		XA309	56		168	9			SPI062	37	DMCK4N		01	1	TDD	EN		20A		E01
11218		XA309	56		XA303	64		168	9			SPI062	39			01	1	TDD	GN		26A		C10
00586		XA303	64									SPI062	42			01	2	TQ2	F2		30A		C10
06841		XA102	50		XA102	60		168	9			SPI063	00C	DRSC2A		01	5	TS8	D1		23A		B09
06934		XA102	60		XA111	31		168	9			SPI063	005	DRTC2A		01	2	TS8	E1		28A		B09
02982		XA111	31		XA208	56		168	9			SPI063	01	DSELAA		01	2	TQ2	C3		15B		C01
03071		XA208	56		XA208	71		168	9			SPI063	03	DMTION		01	1	TDD	GN		26A		
03794		XA208	71		XA328	56		168	9			SPI063	04	DST1MI		01	1	TDD	MT		36A		B09
05024		XA328	56		XA327	61		168	9			SPI063	06	DIT1SA		01	4	TD4	D1		26A		B05
03611		XA327	61		XA325	53		168	9			SPI063	09			01	3	TS8	F1		32B		
11501		XA325	53		XA309	52		168	9			SPI063	10					RR4	F4				C08
11214		XA309	52		XA309	20		168	9			SPI063	14			01	1	TDD	GP		24A		E01
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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	PIH	LOC	PREFIX	CONNECTOR	PIH	REF ID	MULTI GROUP	CODE	COLOR	IDENT												
11185		XA309	20										SPI063	18		01	1	TDD	DP		11A		D05	
07933		XA112	11		XA112	17			16B	9			SPI064	01	DRA0AA	01	2	TT3	A3		05B		C07	
07937		XA112	17		XA112	47			16B	9			SPI064	02	DLTK1A	01	2	TT3	B2		08B		D05	
07964		XA112	47		XA112	60			16B	9			SPI064	08		01	2	TT3	D3		25B		D08	
07976		XA112	60		XA112	71			16B	9			SPI064	11		01	2	TT3	E2		28A		E01	
07986		XA112	71		XA214	76			16B	9			SPI064	13		01	2	TT3	F2		36A		D01	
10871		XA214	76		XA309	62			16B	9			SPI064	16	DWEN3A	01	2	TT3	F3		37A		C08	
11223		XA309	62		XA309	54			16B	9			SPI064	19	DTCW5I	01	1	TDD	KI		29A		C07	
11216		XA309	54		XA309	48			16B	9			SPI064	20		01	1	TDD	GI		25A		B10	
11210		XA309	48		XA309	40			16B	9			SPI064	21	DBFU0I	01	1	TDD	HI		22A		C10	
11203		XA309	40		XA309	34			16B	9			SPI064	22	DMCK4I	01	1	TDD	EI		19A		E01	
11197		XA309	34		XA325	08			16B	9			SPI064	23	DMREBI	01	1	TDD	FI		16A		D03	
02851		XA325	08										SPI064	25				RR4	A1				B10	
54598		XA442	38		XA539	22			16B	9			SPI065	01				RR4	C2					C09
56318		XA539	22		XA539	36			16B	9			SPI065	51	UWLCPP	01	1	TDD	CP		12A		C09	
56319		XA539	36		XA539	38			16B	9			SPI065	52	UWLC1P	01	1	TDD	FP		17A		C09	
56320		XA539	38		XA539	50			16B	9			SPI065	53	UWLCOP	01	1	TDD	EP		18A		C09	
56321		XA539	50		XA539	52			16B	9			SPI065	54	UWLC3P	01	1	TDD	HP		23A		C09	
56322		XA539	52		XA539	64			16B	9			SPI065	55	UWLC2P	01	1	TDD	GP		24A		C09	
56330		XA539	64		XA539	66			16B	9			SPI065	56	UWLC5P	01	1	TDD	KP		30A		C09	
56329		XA539	66		XA539	73			16B	9			SPI065	57	UWLC4P	01	1	TDD	JP		31A		C09	
56328		XA539	73		XA539	75			16B	9			SPI065	58	UWLC7P	01	1	TDD	MP		36B		C09	
56327		XA539	75		XA522	76			16B	9			SPI065	59	UWLC6P	01	1	TDD	LP		37B		D04	
57893		XA522	76										SPI065	60	U078U0	01	1	TQ2	F4		37A		D04	
56324		XA511	14		XA517	48			16B	9			TADSAA	51	TADSAA	00	1	TQ2	B2		09A		C09	
56325		XA517	48		XA517	54			16B	9			TADSAA	52	TADS10	01	1	TQ2	D2		22A		C09	
56326		XA517	54		XA421	35			16B	9			TADSAA	53	TADS00	01	1	TQ2	D1		25A		C09	
53364		XA421	35										TADSAA	54	TADSWIX	01	1	MUX	C1		16B		C09	
53156		XA551	42		XA545	53			16B	9			TADSADR	01				EXT						C09
58098		XA545	53										TADSADR	02				DCF						C09
53155		XA551	41		XA547	62			16B	9			TADSADX4	01				EXT						C09
54223		XA547	62		XA545	55			16B	9			TADSADX4	51				RR4	F1					C09
54224		XA545	55										TADSADX4	52	TADSADX400	1	DCF	C3			30B	FILE PROTECT 2 RECC09		C09
56363		XA511	18		XA421	43			16B	9			TADSAOX	01	TADSAA	01	1	TQ2	B2		10A			C09
53391		XA421	43		XA422	18			16B	9			TADSAOX	02	TADSW1X	01	5	MUX	C1		22B			C09
54225		XA422	18		XA424	37			16B	9			TADSAOX	51	TXDB21X	01	7	MUX	A1		09A			C09
54226		XA424	37		XA545	56			16B	9			TADSAOX	52	UFPRX1X	01	2	MUX	C1		17B			C09
54227		XA545	56										TADSAOX	53	TADSAOX	00	1	DCF	C4		29B			C09
58598		XA551	24		XA545	77			16B	9			TADSBDR	01				EXT						D01
58112		XA545	77										TADSBDR	51				DCF						C09
58599		XA551	23		XA547	51			16B	9			TADSBDX4	01				EXT						D01
55019		XA547	51		XA545	78			16B	9			TADSBDX4	51				RR4	F5					C09
									****		SIGNAL		(TADSBDX4)		IS ON THE		NEXT PAGE	****						

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UNIT ASSEMBLY NAME

149017-800
CARD CAGE ASSY B,IFCU

STRING
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	PREFIX	CONNECTOR	PIN	DRY	PREFIX	CONNECTOR	PIN	DRY	MULTI GROUP	CODE	COLOR	IDENT											
55020		XA545	78										TADSBDX4	52	TADSBDX400	1	DCF	D3		37B	REWINDING 2 RECEIV	C09	
55031		XA545	75		XA522	05			168	9			TADSBOX	51	TADSBOX	00	1	DCF	D4	36B		C09	
55032		XA522	05		XA422	34			168	9			TADSBOX	52	URW2CA	01	2	TQ2	A2	03B		C09	
55033		XA422	34		XA421	46			168	9			TADSBOX	53	TXDB31X	01	7	MUX	B1	15B		C09	
55990		XA421	46										TADSBOX	57	TADSW2X	01	1	MUX	C2	21A		C09	
58600		XA551	48		XA545	19			168	9			TADSCDR	01				EXT				D01	
58103		XA545	19										TADSCDR	02				DCF				C09	
53160		XA551	47		XA547	35			168	9			TADSCDX4	01				EXT				C09	
53368		XA547	35		XA545	17			168	9			TADSCDX4	51				RR4	D3			C09	
53369		XA545	17										TADSCDX4	52	TADSCDX400	1	DCF	A3		07B	BOT 2 RECEIVER	C09	
56018		XA421	42		XA423	18			168	9			TADSCOX	01	TADSW2X	01	2	MUX	C2	20A		C09	
53376		XA423	18		XA545	15			168	9			TADSCOX	51	TXDB41X	01	7	MUX	A1	09A		C09	
53378		XA545	15										TADSCOX	53	TADSCOX	00	1	DCF	A4	06B		C09	
53159		XA551	46		XA545	39			168	9			TADSDDR	01				EXT				C09	
58107		XA545	39										TADSDDR	02				DCF				C09	
53158		XA551	45		XA547	48			168	9			TADSDDX4	01				EXT				D01	
54185		XA547	48		XA545	37			168	9			TADSDDX4	51				RR4	E2			C09	
54186		XA545	37										TADSDDX4	52	TADSDDX400	1	DCF	B3		15B	FOT 2 RECEIVER	C09	
56046		XA421	40		XA422	37			168	9			TADSDOX	01	TADSW2X	01	3	MUX	C2	19A		C09	
54193		XA422	37		XA423	34			168	9			TADSDOX	51	TADSW1X	01	2	MUX	C1	17B		C09	
54194		XA423	34		XA545	35			168	9			TADSDOX	52	TXDB51X	01	7	MUX	B1	15B		C09	
54195		XA545	35										TADSDOX	53	TADSDOX	00	1	DCF	B4	14B		C09	
53312		XA502	19		XA421	38			168	9			TADSW2X	01	TBSY0A	01	3	TS8	B1	09B		C09	
57981		XA421	38		XA522	65			168	9			TADSW2X	02	TADSW2X	00	1	MUX	C2	18A		C09	
57880		XA522	65										TADSW2X	03	TRDY1A	01	1	TQ2	F3	34B		C09	
56323		XA517	52		XA421	37			168	9			TADS00	01	TADS00	00	1	TQ2	D1	24A		C09	
53377		XA421	37										TADS00	02	TADSW1X	01	2	MUX	C1	17B		C09	
53059		XA550	14	1	XA544	44	1		168	9			TADS1DR	51				EXT				B06	
58299		XA544	44										TADS1DR	52				RR4					
53058		XA550	13		XA544	46			168	9			TADS1D4	50				EXT				B06	
53260		XA544	46		XA543	66			168	9			TADS1D4	51				RR4	D2				
53261		XA543	66										TADS1D4	52	TADS1D4	00	1	TLD	E1	31A	MTT 1 ADDRESS SELE		
56331		XA517	46		XA421	39			168	9			TADS10	01	TADS10	00	1	TQ2	D2	21A		C09	
53384		XA421	39										TADS10	02	TADSW1X	01	3	MUX	C1	18B		C09	
53062		XA550	18	1	XA543	58	1		168	9			TADS2DR	51				EXT				B06	
58300		XA543	58										TADS2DR	52				TLD		40A			
									****	SIGNAL	(TADS2D4)	IS ON THE NEXT PAGE									****		

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DRAWING NUMBER
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149017-800
CARD CAGE ASSY B,IFCU

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149017
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	PREFIX	CONNECTOR	PIN	DR PC	PREFIX	CONNECTOR	PIN	DR PC	MULTI GROUP	CODE	COLOR	IDENT												
53061		XA550	17		XA 543	60				16B	9		TADS2D4	50			EXT					B06		
53262		XA543	60		XA 544	35				16B	9		TADS2D4	51	TADS2D4	00	1	TLD	E2		28A			
53263		XA544	35										TADS2D4	52			RR4	D3						
53082		XA550	40	2	XA 544	32	2			16B	9		TADS3DR	51			EXT					B06		
58301		XA544	32										TADS3DR	52			RR4							
53081		XA550	39		XA 544	37				16B	9		TADS3D4	50			EXT					B06		
53264		XA544	37		XA 543	57				16B	9		TADS3D4	51			RR4	D4						
53265		XA543	57										TADS3D4	52	TADS3D4	00	1	TLD	E3		30B			
53066		XA550	22	2	XA 543	58	2			16B	9		TADS4DR	51			EXT					B06		
58302		XA543	58										TADS4DR	52			TLD				40A			
53065		XA550	21		XA 543	63				16B	9		TADS4D4	50			EXT					B06		
53266		XA543	63		XA 544	39				16B	9		TADS4D4	51	TADS4D4	00	1	TLD	E4		33B	MTT 4 ADDRESS SELE		
53267		XA544	39										TADS4D4	52			RR4	D5						
53268		XA519	38		XA 533	30				16B	9		TBCP00	51	TBCP00	00	1	TQ2	C1		18A	BUFFER REG CLOCK B		
53269		XA533	30		XA 533	42				16B	9		TBCP00	52	TB018N	01	1	TDD	FN		15A			
53270		XA533	42		XA 533	46				16B	9		TBCP00	53	TB008N	01	1	TDD	EN		20A			
53271		XA533	46		XA 533	56				16B	9		TBCP00	54	TB038N	01	1	TDD	HN		21A			
53272		XA533	56										TBCP00	55	TB028N	01	1	TDD	GN		26A			
53273		XA533	79		XA 533	72				16B	9		TBCP10	51	TB068N	01	1	TDD	LN		39B			
53274		XA533	72		XA 533	70				16B	9		TBCP10	52	TB078N	01	1	TDD	MN		34A			
53275		XA533	70		XA 533	60				16B	9		TBCP10	53	TB048N	01	1	TDD	JN		33A			
53276		XA533	60		XA 519	30				16B	9		TBCP10	54	TB058N	01	1	TDD	KN		28A			
53277		XA519	30										TBCP10	55	TBCP10	00	1	TQ2	C2		15A			
53278		XA534	01		XA 534	10				16B	9		TBCP20	51	TB098N	01	1	TDD	BN		02B			
53279		XA534	10		XA 534	14				16B	9		TBCP20	52	TB088N	01	1	TDD	AN		07A			
53280		XA534	14		XA 534	26				16B	9		TBCP20	53	TB118N	01	1	TDD	DN		09A			
53281		XA534	26		XA 519	33				16B	9		TBCP20	54	TB108N	01	1	TDD	CN		14A			
53282		XA519	33										TBCP20	55	TBCP20	00	1	TQ2	C3		16B			
53283		XA519	39		XA 534	30				16B	9		TBCP30	51	TBCP30	00	1	TQ2	C4		19B			
53284		XA534	30		XA 534	42				16B	9		TBCP30	52	TB138N	01	1	TDD	FN		15A			
53285		XA534	42		XA 534	46				16B	9		TBCP30	53	TB128N	01	1	TDD	EN		20A			
53286		XA534	46		XA 534	56				16B	9		TBCP30	54	TB158N	01	1	TDD	HN		21A			
53287		XA534	56										TBCP30	55	TB148N	01	1	TDD	GN		26A			
53288		XA534	79		XA 534	72				16B	9		TBCP40	51	TB188N	01	1	TDD	LN		39B			
53289		XA534	72		XA 534	70				16B	9		TBCP40	52	TB198N	01	1	TDD	MN		34A			
53290		XA534	70		XA 534	60				16B	9		TBCP40	53	TB168N	01	1	TDD	JN		33A			
53291		XA534	60		XA 519	52				16B	9		TBCP40	54	TB178N	01	1	TDD	KN		28A			
53292		XA519	52										TBCP40	55	TBCP40	00	1	TQ2	D1		24A			
53293		XA519	46		XA 535	26				16B	9		TBCP50	51	TBCP50	00	1	TQ2	D2		21A			
53294		XA535	26		XA 535	14				16B	9		TBCP50	52	TB228N	01	1	TDD	CN		14A			
													****	SIGNAL	TBCP50		IS ON THE	NEXT PAGE	****					

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149017-800 STRING
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	PREFIX	CONNECTOR	PIN	QTY	PREFIX	CONNECTOR	PIN	QTY	MULTI GROUP	CODE	COLOR	IDENT											
53295		XA535	14		XA535	10			168	9			TBCP50	53	TB23BN	01	1	TDD	DN		09A		
53296		XA535	10		XA535	01			168	9			TBCP50	54	TB20BN	01	1	TDD	AN		07A		
53297		XA535	01										TBCP50	55	TB21BN	01	1	TDD	BN		02B		
53298		XA519	45		XA535	56			168	9			TBCP60	51	TBCP60	00	1	TQ2	D3		24B		
53299		XA535	56		XA535	46			168	9			TBCP60	52	TB26BN	01	1	TDD	GN		26A		
53300		XA535	46		XA535	42			168	9			TBCP60	53	TB27BN	01	1	TDD	HN		21A		
53301		XA535	42		XA535	30			168	9			TBCP60	54	TB24BN	01	1	TDD	FN		20A		
53302		XA535	30										TBCP60	55	TB25BN	01	1	TDD	FN		15A		
53303		XA535	79		XA535	72			168	9			TBCP70	51	TB30BN	01	1	TDD	LN		39B		
53304		XA535	72		XA535	70			168	9			TBCP70	52	TB31BN	01	1	TDD	MN		34A		
53305		XA535	70		XA535	60			168	9			TBCP70	53	TB28BN	01	1	TDD	JN		33A		
53306		XA535	60		XA519	51			168	9			TBCP70	54	TB29BN	01	1	TDD	KN		28A		
53307		XA519	51										TBCP70	55	TBCP70	00	1	TQ2	D4		27B	BUFFER REG CLOCK B	
53308		XA412	37		XA502	23			168	9			TBSY0A	51	TBUSYS	01	2	TQ2	C4		18B		
53310		XA502	23										TBSY0A	53	TBSY0A	00	1	TS8	B1		17B	NEW COMMAND BUSY T	
53313		XA502	20		XA505	01			168	9			TBSY2A	51	TBSY0A	01	4	TS8	B1		11A		
53314		XA505	01										TBSY2A	52	TBSY2A	00	1	TQ2	A2		02B		
53315		XA429	07		XA429	13			168	9			TBUSYA	51	TXOR0A	01	4	TD4	A2		03A		
53316		XA429	13		XA523	30			168	9			TBUSYA	52	TXDV0A	01	4	TD4	A1		04B		
53317		XA523	30										TBUSYA	53	TBUSYA	00	1	TQ2	C2		15A		
53318		XA412	35		XA410	35			168	9			TBUSYR	51	TBUSYS	01	1	TQ2	C4		17B		
53319		XA410	35		XA502	34			168	9			TBUSYR	52	TBUSYR	00	1	TD4	C1		17B		
53320		XA502	34		XA509	59			168	9			TBUSYR	53	TSNCOA	01	3	TS8	C1		16A		
53321		XA509	59		XA522	34			168	9			TBUSYR	54	TSC11A	01	2	TT3	E3		31B		
53322		XA522	34										TBUSYR	55	TBUSY0	01	1	TQ2	C2		16A		
51441		XA514	64		XA511	78			168	9			TBUSYS	00	THSPRP	01	1	TDD	KP		30A		
51662		XA511	78		XA412	39			168	9			TBUSYS	01	USTP50	01	2	TQ2	F4		38A	D01	
53323		XA412	39		XA410	37			168	9			TBUSYS	51	TBUSYS	00	1	TQ2	C4		19B	TAPE MOTION BUSY F	
53324		XA410	37		XA409	56			168	9			TBUSYS	52	TBUSYR	01	1	TD4	C1		18B		
53325		XA409	56		XA409	79			168	9			TBUSYS	53	TFSTOR	01	3	TT3	D1		26A		
53326		XA409	79		XA418	72			168	9			TBUSYS	54	TSTROR	01	3	TT3	F1		39B		
53327		XA418	72		XA525	31			168	9			TBUSYS	55	TFSTOA	01	2	TS8	F1		34A		
53328		XA525	31		XA433	77			168	9			TBUSYS	56	TSTR0A	01	2	TD4	C2		15B		
53329		XA433	77										TBUSYS	57	TSTP4A	01	2	TD4	F1		38B		
53330		XA523	34		XA522	30			168	9			TBUSY0	51	TBUSYA	01	1	TQ2	C2		16A		
53331		XA522	30										TBUSY0	52	TBUSY0	00	1	TQ2	C2		15A		
53332		XA525	37		XA523	45			168	9			TBOTCA	51	TBOT1A	01	1	TD4	C1		18B		
53333		XA523	45										TBOTCA	52	TBOTCA	00	1	TQ2	D3		24B		
53339		XA522	31		XA523	38			168	9			TBOT0A	51	TBOT0S	01	2	TQ2	C3		15B		
53340		XA523	38										TBOT0A	52	TBOT0A	00	1	TQ2	C1		18A		

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DRAWING NUMBER
UNIT ASSEMBLY NAME

149017-800
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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	FILE	PREFIX	CONNECTOR	PIN	BR PG	MULTI GROUP	CODE	COLOR												IDENT	SPEC INST. MISC
53341		XA521	73		XA523	33			168	9			TBOTOR	51	TREN1R	01 3	TS8	F1		36B				
53342		XA523	33		XA522	29			168	9			TBOTOR	52	TBOTOR	00 1	TQ2	C3		14B				
53343		XA522	29		XA410	31			168	9			TBOTOR	53	TBOTOS	01 1	TQ2	C3		14B				
53344		XA410	31										TBOTOR	54	TSTR4A	01 2	TD4	C2		15B				
53345		XA524	56		XA524	38			168	9			TBOTOS	51	TBOT1R	01 3	TT3	D1		26A				
53346		XA524	38		XA523	37			168	9			TBOTOS	52	TBOT2A	01 1	TT3	C1		18A				
53347		XA523	37		XA523	29			168	9			TBOTOS	53	TBOT2R	01 2	TQ2	C4		18B				
53348		XA523	29		XA522	33			168	9			TBOTOS	54	TBOTOR	01 1	TQ2	C3		14B				
53349		XA522	33		XA505	05			168	9			TBOTOS	55	TBOTOS	00 1	TQ2	C3		16B	BEGIN OF TAPE (BOT)			
53350		XA505	05		XA406	70			168	9			TBOTOS	56	TBSY2A	01 2	TQ2	A2		03B				
53351		XA406	70										TBOTOS	57	TSTR3A	01 2	TQ2	E1		33A				
53352		XA525	35		XA523	31			168	9			TBOT1A	51	TBOT1A	00 1	TD4	C1		17B				
53353		XA523	31										TBOT1A	52	TBOTOR	01 2	TQ2	C3		15B				
53154		XA551	40		XA545	05			168	9			TBOT1DR	50				EXT					C09	
58102		XA545	05										TBOT1DR	51				DCF						
53153		XA551	39		XA547	46			168	9			TBOT1DX4	50				EXT						C09
53354		XA547	46		XA545	07			168	9			TBOT1DX4	51				RR4	D2					
53355		XA545	07										TBOT1DX4	52	TBOT1DX400	1	DCF	A1		02B	BOT 1 RECEIVER			
53356		XA522	54		XA524	50			168	9			TBOT1R	51	TBOT1S	01 1	TQ2	D1		25A				
53357		XA524	50		XA525	40			168	9			TBOT1R	52	TBOT1R	00 1	TT3	D1		23A				
53358		XA525	40										TBOT1R	53	TBOT1A	01 3	TD4	C1		19A				
53359		XA524	52		XA523	54			168	9			TBOT1S	51	TBOT1R	01 1	TT3	D1		24A				
53360		XA523	54		XA522	52			168	9			TBOT1S	52	TBOT4A	01 1	TQ2	D1		25A				
53361		XA522	52		XA509	53			168	9			TBOT1S	53	TBOT1S	00 1	TQ2	D1		24A	BOT COUNTER BIT 1			
53362		XA509	53										TBOT1S	54	TINT9A	01 1	TT3	E2		28B				
53365		XA545	09		XA523	41			168	9			TBOT1OX	01	TBOT1OX	00 1	DCF	A2		03B			C09	
53334		XA523	41		XA523	40			168	9			TBOT1OX	02	TBOTCA	01 1	TQ2	D3		22B			C09	
53335		XA523	40		XA424	51			168	9			TBOT1OX	03	TBOT0A	01 1	TQ2	C1		19A			C09	
53336		XA424	51		XA423	11			168	9			TBOT1OX	04	TXDB0TA	01 1	MUX	D1		25B			C09	
53363		XA423	11		XA408	56			168	9			TBOT1OX	05	TXDB41X	01 5	MUX	A1		06B			C09	
53338		XA408	56										TBOT1OX	06	TRUN3A	01 2	TQ2	D1		26A			C09	
53366		XA522	56		XA524	36			168	9			TBOT2A	51	TBOT1S	01 2	TQ2	D1		26A				
53367		XA524	36										TBOT2A	52	TBOT2A	00 1	TT3	C1		17A				
53370		XA524	40		XA523	39			168	9			TBOT2R	51	TBOT2A	01 2	TT3	C1		19A				
53371		XA523	39		XA522	35			168	9			TBOT2R	52	TBOT2R	00 1	TQ2	C4		19B				
53372		XA522	35										TBOT2R	53	TBOT2S	01 1	TQ2	C4		17B				
53373		XA522	39		XA523	35			168	9			TBOT2S	51	TBOT2S	00 1	TQ2	C4		19B	BOT COUNTER BIT 2			
53374		XA523	35		XA523	48			168	9			TBOT2S	52	TBOT2R	01 1	TQ2	C4		17B				
									****		SIGNAL	TBOT2S		IS ON THE		NEXT PAGE	****							

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	PREFIX	CONNECTOR	PIN	WIRE	PREFIX	CONNECTOR	PIN	WIRE	MULTI GROUP	CODE	COLOR	IDENT									AND	OR		
53375		XA523	48										TB0T2S	53	TB0T3A	01	1	TQ2	D2		22A			
53379		XA524	54		XA523	46			16B	9			TB0T3A	51	TB0T1R	01	2	TT3	D1		25A			
53380		XA523	46										TB0T3A	52	TB0T3A	00	1	TQ2	D2		21A	BUFFER REG BIT 8		
53004		XA549	34		XA545	16			16B	9			TB0T3DR	50				EXT					B06	
58104		XA545	16										TB0T3DR	51				DCF						
53386		XA522	37		XA523	52			16B	9			TB0T4A	51	TB0T2S	01	2	TQ2	C4		18B			
53387		XA523	52										TB0T4A	52	TB0T4A	00	1	TQ2	D1		24A			
53006		XA549	36		XA545	02			16B	9			TB0T4DR	50				EXT					B06	
58105		XA545	02										TB0T4DR	51				DCF			01A			
53393		XA530	68		XA533	37			16B	9			TB00BQ	51	TB00BI	01	1	TDD	JI		32A			
53394		XA533	37										TB00BQ	52	TB00BQ	00	1	TDD	EQ		18B	BUFFER REG BIT 0		
53395		XA530	62		XA533	31			16B	9			TB01BQ	51	TB01BI	01	1	TDD	KI		29A			
53396		XA533	31										TB01BQ	52	TB01BQ	00	1	TDD	FQ		15B			
53397		XA530	77		XA533	49			16B	9			TB02BQ	51	TB02BI	01	1	TDD	LI		38B			
53398		XA533	49										TB02BQ	52	TB02BQ	00	1	TDD	GQ		24B			
53399		XA530	71		XA533	43			16B	9			TB03BQ	51	TB03BI	01	1	TDD	MI		36A			
53400		XA533	43										TB03BQ	52	TB03BQ	00	1	TDD	HQ		23B			
53401		XA531	08		XA533	61			16B	9			TB04BQ	51	TB04BI	01	1	TDD	AI		06A			
53402		XA533	61										TB04BQ	52	TB04BQ	00	1	TDD	KQ		32B			
53403		XA531	05		XA533	55			16B	9			TB05BQ	51	TB05BI	01	1	TDD	BI		03B			
53404		XA533	55										TB05BQ	52	TB05BQ	00	1	TDD	KQ		29B			
53405		XA531	24		XA533	78			16B	9			TB06BQ	51	TB06BI	01	1	TDD	CI		13A			
53406		XA533	78										TB06BQ	52	TB06BQ	00	1	TDD	LQ		38A			
53407		XA531	18		XA533	74			16B	9			TB07BQ	51	TB07BI	01	1	TDD	DI		10A			
53408		XA533	74										TB07BQ	52	TB07BQ	00	1	TDD	MQ		35B	BUFFER REG BIT 7		
53409		XA534	13		XA531	40			16B	9			TB08BQ	51	TB08BQ	00	1	TDD	AQ		06B			
53410		XA531	40										TB08BQ	52	TB08BI	01	1	TDD	EI		19A			
53411		XA531	34		XA534	07			16B	9			TB09BQ	51	TB09BI	01	1	TDD	FI		16A			
53412		XA534	07										TB09BQ	52	TB09BQ	00	1	TDD	BQ		03A			
53413		XA531	54		XA534	25			16B	9			TB10BQ	51	TB10BI	01	1	TDD	GI		25A			
53414		XA534	25										TB10BQ	52	TB10BQ	00	1	TDD	CQ		12B			
53415		XA531	48		XA534	19			16B	9			TB11BQ	51	TB11BI	01	1	TDD	HI		22A			
53416		XA534	19										TB11BQ	52	TB11BQ	00	1	TDD	DQ		09B			
									****	SIGNAL			TB12BQ											

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	PREFIX	CONNECTOR	PIN	WIRE	PREFIX	CONNECTOR	PIN	WIRE	MULTI GROUP	CODE	COLOR	IDENT											
53417		XA531	68		XA534	37				16B	9		TB12BQ	51	TR12BI	01	1	TDD	J1		32A		
53418		XA534	37										TB12BQ	52	TB12BQ	00	1	TDD	EQ		18B		
53419		XA531	62		XA534	31				16B	9		TB13BQ	51	TR13BI	01	1	TDD	K1		29A		
53420		XA534	31										TB13BQ	52	TB13BQ	00	1	TDD	FQ		15B		
53421		XA531	77		XA534	49				16B	9		TB14BQ	51	TR14BI	01	1	TDD	L1		38B		
53422		XA534	49										TB14BQ	52	TB14BQ	00	1	TDD	GQ		26B		
53423		XA531	71		XA534	43				16B	9		TB15BQ	51	TR15BI	01	1	TDD	M1		36A		
53424		XA534	43										TB15BQ	52	TB15BQ	00	1	TDD	HQ		23B	BUFFER REG BIT 15	
53425		XA532	08		XA534	61				16B	9		TB16BQ	51	TR16BI	01	1	TDD	A1		06A		
53426		XA534	61										TB16BQ	52	TB16BQ	00	1	TDD	JQ		32B	BUFFER REG BIT 16	
53427		XA532	05		XA534	55				16B	9		TB17BQ	51	TR17BI	01	1	TDD	B1		03B		
53428		XA534	55										TB17BQ	52	TB17BQ	00	1	TDD	KQ		29B		
53429		XA532	24		XA534	78				16B	9		TB18BQ	51	TR18BI	01	1	TDD	C1		13A		
53430		XA534	78										TB18BQ	52	TB18BQ	00	1	TDD	LQ		38A		
53431		XA532	18		XA534	74				16B	9		TB19BQ	51	TR19BI	01	1	TDD	D1		10A		
53432		XA534	74										TB19BQ	52	TB19BQ	00	1	TDD	MQ		35B		
53433		XA532	40		XA535	13				16B	9		TB20BQ	51	TR20BI	01	1	TDD	E1		19A		
53434		XA535	13										TB20BQ	52	TB20BQ	00	1	TDD	AQ		06B		
53435		XA532	34		XA535	07				16B	9		TB21BQ	51	TR21BI	01	1	TDD	F1		16A		
53436		XA535	07										TB21BQ	52	TB21BQ	00	1	TDD	BQ		03A		
53437		XA532	54		XA535	25				16B	9		TB22BQ	51	TR22BI	01	1	TDD	G1		25A		
53438		XA535	25										TB22BQ	52	TB22BQ	00	1	TDD	CQ		12B		
53439		XA532	48		XA535	19				16B	9		TB23BQ	51	TR23BI	01	1	TDD	H1		22A		
53440		XA535	19										TB23BQ	52	TB23BQ	00	1	TDD	DQ		09B	BUFFER REG BIT 23	
53441		XA532	68		XA535	37				16B	9		TB24BQ	51	TR24BI	01	1	TDD	J1		32A		
53442		XA535	37										TB24BQ	52	TB24BQ	00	1	TDD	EQ		18B	BUFFER REG BIT 24	
53443		XA532	62		XA535	31				16B	9		TB25BQ	51	TR25BI	01	1	TDD	K1		29A		
53444		XA535	31										TB25BQ	52	TB25BQ	00	1	TDD	FQ		15B		
53445		XA532	77		XA535	49				16B	9		TB26BQ	51	TR26BI	01	1	TDD	L1		38B		
53446		XA535	49										TB26BQ	52	TB26BQ	00	1	TDD	GQ		26B		
53447		XA532	71		XA535	43				16B	9		TB27BQ	51	TR27BI	01	1	TDD	M1		36A		
53448		XA535	43										TB27BQ	52	TB27BQ	00	1	TDD	HQ		23B		
53449		XA533	08		XA535	61				16B	9		TB28BQ	51	TR28BI	01	1	TDD	A1		06A		
53450		XA535	61										TB28BQ	52	TB28BQ	00	1	TDD	JQ		32B		

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	PREFIX	CONNECTOR	PIN	REL ID	PREFIX	CONNECTOR	PIN	REL ID	MULTI GROUP	CODE	COLOR	IDENT											
53451		XA533	05			XA535	55			168	9		TB29BQ	51	TR29B I	01	1	TDD	BI		03B		
53452		XA535	55										TB29BQ	52	TB29BQ	00	1	TDD	KQ		29B		
53453		XA533	24			XA535	78			168	9		TB30BQ	51	TR30B I	01	1	TDD	CI		13A		
53454		XA535	78										TB30BQ	52	TB30BQ	00	1	TDD	LQ		38A		
53455		XA533	18			XA535	74			168	9		TB31BQ	51	TR31B I	01	1	TDD	DI		10A		
53456		XA535	74										TB31BQ	52	TB31BQ	00	1	TDD	MQ		35B	BUFFER REG BIT 31	
53457		XA417	10			XA416	10			168	9		TCCP00	51	TC048N	01	1	TDD	AN		07A		
53458		XA416	10			XA415	10			168	9		TCCP00	52	TC038N	01	1	TDD	AN		07A		
53459		XA415	10			XA414	10			168	9		TCCP00	53	TC028N	01	1	TDD	AN		07A		
53460		XA414	10			XA413	10			168	9		TCCP00	54	TC018N	01	1	TDD	AN		07A		
53461		XA413	10			XA411	06			168	9		TCCP00	55	TC008N	01	1	TDD	AN		07A		
53462		XA411	06										TCCP00	56	TCCP00	00	1	TQ2	A1		05A	MAIN TIMING COUNT	
53463		XA417	01			XA416	01			168	9		TCCP10	51	TC148N	01	1	TDD	BN		02B		
53464		XA416	01			XA415	01			168	9		TCCP10	52	TC138N	01	1	TDD	BN		02B		
53465		XA415	01			XA414	01			168	9		TCCP10	53	TC128N	01	1	TDD	BN		02B		
53466		XA414	01			XA413	01			168	9		TCCP10	54	TC118N	01	1	TDD	BN		02B		
53467		XA413	01			XA412	06			168	9		TCCP10	55	TC108N	01	1	TDD	BN		02B		
53468		XA412	06										TCCP10	56	TCCP10	00	1	TQ2	A1		05A		
53469		XA411	01			XA413	26			168	9		TCCP20	51	TCCP20	00	1	TQ2	A2		02B		
53470		XA413	26			XA414	26			168	9		TCCP20	52	TC208N	01	1	TDD	CN		14A		
53471		XA414	26			XA415	26			168	9		TCCP20	53	TC218N	01	1	TDD	CN		14A		
53472		XA415	26			XA416	26			168	9		TCCP20	54	TC228N	01	1	TDD	CN		14A		
53473		XA416	26			XA417	26			168	9		TCCP20	55	TC238N	01	1	TDD	CN		14A		
53474		XA417	26										TCCP20	56	TC248N	01	1	TDD	CN		14A		
53475		XA417	14			XA416	14			168	9		TCCP30	51	TC348N	01	1	TDD	DN		09A		
53476		XA416	14			XA415	14			168	9		TCCP30	52	TC338N	01	1	TDD	DN		09A		
53477		XA415	14			XA414	14			168	9		TCCP30	53	TC328N	01	1	TDD	DN		09A		
53478		XA414	14			XA413	14			168	9		TCCP30	54	TC318N	01	1	TDD	DN		09A		
53479		XA413	14			XA412	01			168	9		TCCP30	55	TC308N	01	1	TDD	DN		09A		
53480		XA412	01										TCCP30	56	TCCP30	00	1	TQ2	A2		02B		
53481		XA411	09			XA413	42			168	9		TCCP40	51	TCCP40	00	1	TQ2	A3		04B		
53482		XA413	42			XA414	42			168	9		TCCP40	52	TC408N	01	1	TDD	EN		20A		
53483		XA414	42			XA415	42			168	9		TCCP40	53	TC418N	01	1	TDD	EN		20A		
53484		XA415	42			XA416	42			168	9		TCCP40	54	TC428N	01	1	TDD	EN		20A		
53485		XA416	42			XA417	42			168	9		TCCP40	55	TC438N	01	1	TDD	EN		20A		
53486		XA417	42										TCCP40	56	TC448N	01	1	TDD	EN		20A		
53487		XA417	30			XA416	30			168	9		TCCP50	51	TC548N	01	1	TDD	FN		15A		
53488		XA416	30			XA415	30			168	9		TCCP50	52	TC538N	01	1	TDD	FN		15A		
53489		XA415	30			XA414	30			168	9		TCCP50	53	TC528N	01	1	TDD	FN		15A		
53490		XA414	30			XA413	30			168	9		TCCP50	54	TC518N	01	1	TDD	FN		15A		
										***	SIGNAL		TCCP50		IS ON THE						****		

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149017-800
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	PREFIX	CONNECTOR	PIN	DR PG	PREFIX	CONNECTOR	PIN	DR PG	MULTI GROUP	CODE	COLOR	IDENT											
53491		XA413	30			XA412	09			16B	9		TCCP50	55	TC50BN	01	1	TDD	FN		15A		
53492		XA412	09										TCCP50	56	TCCP50	00	1	TQ2	A3		04B		
53493		XA411	15			XA413	56			16B	9		TCCP60	51	TCCP60	00	1	TQ2	A4		07B	MAIN TIMING COUNT	
53494		XA413	56			XA414	56			16B	9		TCCP60	52	TC60BN	01	1	TDD	GN		26A		
53495		XA414	56			XA415	56			16B	9		TCCP60	53	TC61BN	01	1	TDD	GN		26A		
53496		XA415	56			XA416	56			16B	9		TCCP60	54	TC62BN	01	1	TDD	GN		26A		
53497		XA416	56			XA417	56			16B	9		TCCP60	55	TC63BN	01	1	TDD	GN		26A		
53498		XA417	56										TCCP60	56	TC64BN	01	1	TDD	GN		26A		
53499		XA417	46			XA416	46			16B	9		TCCP70	51	TC74BN	01	1	TDD	HN		21A		
53500		XA416	46			XA415	46			16B	9		TCCP70	52	TC73BN	01	1	TDD	HN		21A		
53501		XA415	46			XA414	46			16B	9		TCCP70	53	TC72BN	01	1	TDD	HN		21A		
53502		XA414	46			XA413	46			16B	9		TCCP70	54	TC71BN	01	1	TDD	HN		21A		
53503		XA413	46			XA411	22			16B	9		TCCP70	55	TC70BN	01	1	TDD	HN		21A		
53504		XA411	22										TCCP70	56	TCCP70	00	1	TQ2	B1		12A	WRITE TIMING COUNT	
53505		XA412	22			XA413	70			16B	9		TCCP80	51	TCCP80	00	1	TQ2	B1		12A		
53506		XA413	70			XA414	70			16B	9		TCCP80	52	TC80BN	01	1	TDD	JN		33A		
53507		XA414	70			XA415	70			16B	9		TCCP80	53	TC81BN	01	1	TDD	JN		33A		
53508		XA415	70			XA416	70			16B	9		TCCP80	54	TC82BN	01	1	TDD	JN		33A		
53509		XA416	70			XA417	72			16B	9		TCCP80	55	TC83BN	01	1	TDD	JN		33A		A02
55604		XA417	72										TCCP80	56	TC84BN	01	1	TDD	MN		34A		A02
53511		XA414	60			XA413	60			16B	9		TCCP90	51	TC91BN	01	1	TDD	KN		28A		
53512		XA413	60			XA411	14			16B	9		TCCP90	52	TC90BN	01	1	TDD	KN		28A		
53513		XA411	14										TCCP90	53	TCCP90	00	1	TQ2	B2		09A	WRITE TIMING COUNT	
53187		XA551	76			XA547	76			16B	9		TCILKA4	50				EXT					B06
53207		XA547	76			XA412	47			16B	9		TCILKA4	51				RR4	H2				B06
53515		XA412	47										TCILKA4	52	TCILK0	01	1	TQ2	D4		25B		
53115		XA550	76			XA551	75			16B	9		TCILKBR	50				EXT					B06
53186		XA551	75										TCILKBR	51				EXT					B06
53114		XA550	75			XA549	76			16B	9		TCILKD4	00				EXT					C09
53043		XA549	76			XA549	75			16B	9		TCILKD4	01				EXT					C09
53042		XA549	75			XA444	39			16B	9		TCILKD4	50				EXT					B06
53516		XA444	39			XA547	75			16B	9		TCILKD4	51	TCILKD4	00	1	TLD	C4		19B	CABLE INTERLOCK DR	B04
53206		XA547	75										TCILKD4	52				RR4	H3				B04
53518		XA412	51			XA406	17			16B	9		TCILK0	51	TCILK0	00	1	TQ2	D4		27B	CABLE INTERLOCK RE	
53519		XA406	17			XA502	24			16B	9		TCILK0	52	TS1590	01	1	TQ2	B3		08B		
53520		XA502	24										TCILK0	53	TBSY0A	01	6	TS8	B1		13A		
53521		XA510	73			XA418	07			16B	9		TCRSCA	51	TCRSCA	00	1	TT3	F1		36B		
53522		XA418	07										TCRSCA	52	TCRS00	01	5	TS8	A1		03A		
53523		XA412	14									J	TCRS0A	51	TCRS0A	00	1	TQ2	B2		09A	TCRS0B BUSS	
										****		SIGNAL	ITCRSOB									IS ON THE NEXT PAGE	****

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NO	DESCRIPTION	PREFIX	CONNECTOR	PIN	PREFIX	CONNECTOR	PIN	GROUP	CODE	COLOR									IDENT	AND		
53524		XA413	03		XA414	03			168	9		TCRS0B	51	TC10BQ	01	1	TDD	BQ	02A			
53525		XA414	03		XA415	03			168	9		TCRS0B	52	TC11BQ	01	1	TDD	BQ	02A			
53526		XA415	03		XA416	03			168	9		TCRS0B	53	TC12BQ	01	1	TDD	BQ	02A			
53527		XA416	03		XA417	03			168	9		TCRS0B	54	TC13BQ	01	1	TDD	BQ	02A			
53528		XA417	03		XA417	15			168	9		TCRS0B	55	TC14BQ	01	1	TDD	BQ	02A			
53529		XA417	15		XA417	17			168	9		TCRS0B	56	TC04BQ	01	1	TDD	AQ	07B			
53530		XA417	17		XA416	17			168	9		TCRS0B	57	TC34BQ	01	1	TDD	DQ	08B			
53531		XA416	17		XA416	15			168	9		TCRS0B	58	TC33BQ	01	1	TDD	DQ	08B			
53532		XA416	15		XA415	15			168	9		TCRS0B	59	TC03BQ	01	1	TDD	AQ	07B			
53533		XA415	15		XA415	17			168	9		TCRS0B	60	TC02BQ	01	1	TDD	AQ	07B			
53534		XA415	17		XA414	17			168	9		TCRS0B	61	TC32BQ	01	1	TDD	DQ	08B			
53535		XA414	17		XA414	15			168	9		TCRS0B	62	TC31BQ	01	1	TDD	DQ	08B			
53536		XA414	15		XA412	14			168	9		TCRS0B	63	TC01BQ	01	1	TDD	AQ	07B			
53537		XA412	14		XA413	15			168	9	P	TCRS0A	64	TCRS0B	01	1	TQ2	B2	09A			
53538		XA413	15		XA413	17			168	9		TCRS0B	65	TC00BQ	01	1	TDD	AQ	07B			
53539		XA413	17		XA412	21			168	9		TCRS0B	66	TC30BQ	01	1	TDD	DQ	08B			
53540		XA412	21		XA412	27			168	9	P	TCRS1A	67	TCRS0B	02	1	TQ2	B3	10B			
53541		XA412	27		XA413	27			168	9	P	TCRS2A	68	TCRS0B	03	1	TQ2	B4	13B			
53542		XA413	27		XA413	29			168	9		TCRS0B	69	TC20BQ	01	1	TDD	CQ	13B			
53543		XA413	29		XA414	29			168	9		TCRS0B	70	TC50BQ	01	1	TDD	FQ	14B			
53544		XA414	29		XA414	27			168	9		TCRS0B	71	TC51BQ	01	1	TDD	FQ	14B			
53545		XA414	27		XA415	27			168	9		TCRS0B	72	TC21BQ	01	1	TDD	CQ	13B			
53546		XA415	27		XA415	29			168	9		TCRS0B	73	TC22BQ	01	1	TDD	CQ	13B			
53547		XA415	29		XA416	29			168	9		TCRS0B	74	TC52BQ	01	1	TDD	FQ	14B			
53548		XA416	29		XA416	27			168	9		TCRS0B	75	TC53BQ	01	1	TDD	FQ	14B			
53549		XA416	27		XA417	27			168	9		TCRS0B	76	TC23BQ	01	1	TDD	CQ	13B			
53550		XA417	27		XA417	29			168	9		TCRS0B	77	TC24BQ	01	1	TDD	CQ	13B			
53551		XA417	29		XA417	39			168	9		TCRS0B	78	TC54BQ	01	1	TDD	FQ	14B			
53552		XA417	39		XA416	39			168	9		TCRS0B	79	TC44BQ	01	1	TDD	EQ	19B			
53553		XA416	39		XA415	39			168	9		TCRS0B	80	TC43BQ	01	1	TDD	EQ	19B			
53554		XA415	39		XA414	39			168	9		TCRS0B	81	TC42BQ	01	1	TDD	EQ	19B			
53555		XA414	39		XA413	39			168	9		TCRS0B	82	TC41BQ	01	1	TDD	EQ	19B			
53556		XA413	39		XA413	51			168	9		TCRS0B	83	TC40BQ	01	1	TDD	EQ	19B			
53557		XA413	51		XA414	51			168	9		TCRS0B	84	TC60BQ	01	1	TDD	GQ	27B			
53558		XA414	51		XA415	51			168	9		TCRS0B	85	TC61BQ	01	1	TDD	GQ	27B			
53559		XA415	51		XA416	51			168	9		TCRS0B	86	TC62BQ	01	1	TDD	GQ	27B			
53560		XA416	51		XA417	51			168	9		TCRS0B	87	TC63BQ	01	1	TDD	GQ	27B			
53561		XA417	51									TCRS0B	88	TC64BQ	01	1	TDD	GQ	27B			
53562		XA418	11		XA412	18			168	9		TCRS00	51	TCRS00	00	1	TSR	A1	05B		MAIN TIMING COUNT	
53563		XA412	18		XA412	17			168	9		TCRS00	52	TCRS0A	01	1	TQ2	B2	10A			
53564		XA412	17		XA412	23			168	9		TCRS00	53	TCRS1A	01	1	TQ2	B3	08B			
53565		XA412	23									TCRS00	54	TCRS2A	01	1	TQ2	B4	11B			
53566		XA412	21								J	TCRS1A	51	TCRS1A	00	1	TQ2	B3	10B		TCRS0B BUSS	
53567		XA412	27								J	TCRS2A	51	TCRS2A	00	1	TQ2	B4	13B		TCRS0B BUSS	
53568		XA417	41		XA416	41			168	9		TCRS7A	51	TC74BQ	01	1	TDD	HQ	22B			
53569		XA416	41		XA415	41			168	9		TCRS7A	52	TC73BQ	01	1	TDD	HQ	22B			
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	PREFIX	CONNECTOR	PIN	WIRE	PREFIX	CONNECTOR	PIN	WIRE	MULTI GROUP	CODE	COLOR	IDENT													
53570		XA415	41		XA412	38				16B	9			TCR57A	53	TC72BQ	01	1	TDD	HQ		22B			
53571		XA412	38		XA413	41				16B	9			TCR57A	54	TCR57A	00	1	TQ2	C1		18A			
53572		XA413	41		XA414	41				16B	9			TCR57A	55	TC70BQ	01	1	TDD	HQ		22B			
53573		XA414	41		XA414	53				16B	9			TCR57A	56	TC71BQ	01	1	TDD	HQ		22B			
53574		XA414	53		XA413	53				16B	9			TCR57A	57	TC91BQ	01	1	TDD	KQ		28B			
53575		XA413	53		XA413	63				16B	9			TCR57A	58	TC90BQ	01	1	TDD	KQ		28B			
53576		XA413	63		XA414	63				16B	9			TCR57A	59	TC80BQ	01	1	TDD	JQ		33B			
53577		XA414	63		XA415	63				16B	9			TCR57A	60	TC81BQ	01	1	TDD	JQ		33B			
53578		XA415	63		XA416	63				16B	9			TCR57A	61	TC82BQ	01	1	TDD	JQ		33B			
53579		XA416	63		XA417	65				16B	9			TCR57A	62	TC83BQ	01	1	TDD	JQ		33B		A02	
51369		XA417	65											TCR57A	63	TC84BQ	01	1	TDD	MQ		34B		A02	
53581		XA410	11		XA412	40				16B	9			TCR570	51	TCR570	00	1	TD4	A1		05B	WRITE TIMING COUNT		
53582		XA412	40											TCR570	52	TCR57A	01	1	TQ2	C1		19A			
53583		XA523	06		XA417	66				16B	9			TCSDRA	51	TCSDRA	00	1	TQ2	A1		05A		A02	
51336		XA417	66		XA415	64				16B	9			TCSDRA	52	TCSD1P	01	1	TDD	JP		31A		A02	
53585		XA415	64											TCSDRA	53	TCSD2P	01	1	TDD	KP		30A			
53586		XA524	04		XA523	08				16B	9			TCSDRO	51	TCSDRO	00	1	TT3	A1		04A	INPUT DELAY COUNT		
53587		XA523	08											TCSDRO	52	TCSDRA	01	1	TQ2	A1		06A			
53588		XA412	43		XA525	09				16B	9			TCSD0A	51	TSNCO5	01	2	TQ2	D3		23B			
53589		XA525	09											TCSD0A	52	TCSD0A	00	1	TD4	A2		04B	START NEW TAPE MOT		
53590		XA417	76		XA524	06				16B	9			TCSDOP	51	TCSDOP	00	1	TDD	LP		37A			
53591		XA524	06											TCSDOP	52	TCSDRO	01	1	TT3	A1		05A			
53592		XA502	72		XA509	46				16B	9			TCSD0Q	51	TINT6A	01	2	TS8	F1		34A			
53593		XA509	46		XA417	78				16B	9			TCSD0Q	52	TINT5A	01	2	TT3	D2		21A			
53594		XA417	78											TCSD0Q	53	TCSD0Q	00	1	TDD	LQ		38A	INPUT DELAY CONTR		
53595		XA523	04		XA524	07				16B	9			TCSDOR	51	TCSD0S	01	1	TQ2	A2		04A			
53596		XA524	07		XA522	36				16B	9			TCSDOR	52	TCSDOR	00	1	TT3	A2		02A			
53597		XA522	36		XA503	43				16B	9			TCSDOR	53	TBUSY0	01	2	TQ2	C2		17A			
53598		XA503	43											TCSDOR	54	TSBZY0	01	1	TS8	D1		23B			
53599		XA524	01		XA523	01				16B	9			TCSD0S	51	TCSDOR	01	1	TT3	A2		02B			
53600		XA523	01											TCSD0S	52	TCSD0S	00	1	TQ2	A2		02B	INPUT DELAY BUSY F		
53601		XA527	35		XA525	01				16B	9			TCSD00	51	TCSD00	00	1	TS8	C1		17B			
53602		XA525	01											TCSD00	52	TCSD0A	01	1	TD4	A2		02B			
53835		XA417	59		XA525	04				16B	9			TCSD1P	51	TCSD1P	00	1	TDD	JP		31B		A02	
53604		XA525	04		XA525	24				16B	9			TCSD1P	52	TCSD0A	01	2	TD4	A2		04A			
53605		XA525	24											TCSD1P	53	TCSD2A	01	2	TD4	B1		13A			
53606		XA415	62		XA417	61				16B	9			TCSD1Q	51	TCSD2I	01	1	TDD	KI		29A		A02	
53838		XA417	61											TCSD1Q	52	TCSD1Q	00	1	TDD	JQ		32B		A02	
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	PREFIX	CONNECTOR	PIN	DR PG	PREFIX	CONNECTOR	PIN	DR PG	MULTI GROUP	CODE	COLOR	IDENT												
53608		XA407	21		XA410	14			168	9			TCSD10	51	TCSD10	00	1	T02	B3		10B			
53609		XA410	14		XA506	59			168	9			TCSD10	52	TRWS4A	01	1	TD4	B2		09A	C05		
51632		XA506	59										TCSD10	53	TREWCA	01	1	T02	E4		31B	C05		
53610		XA523	77		XA525	23			168	9			TCSD2A	51	TCSD20	01	1	TQ2	F1		38B			
53611		XA525	23										TCSD2A	52	TCSD2A	00	1	TD4	B1		11B			
53612		XA417	79		XA417	68			168	9			TCSD2P	51	TCSD0N	01	1	TDD	IN		39B		A02	
53830		XA417	68		XA415	57			168	9			TCSD2P	52	TCSD1I	01	1	TDD	J1		32A		A02	
53614		XA415	57										TCSD2P	53	TCSD2P	00	1	TDD	KP		30B			
53615		XA525	25		XA525	05			168	9			TCSD2Q	51	TCSD2A	01	3	TD4	B1		12B			
53616		XA525	05		XA415	55			168	9			TCSD2Q	52	TCSD0A	01	3	TD4	A2		03B			
53617		XA415	55										TCSD2Q	53	TCSD2Q	00	1	TDD	KQ		29B		INPUT DELAY COUNT	
53618		XA522	55		XA522	61			168	9			TCSD20	51	TRW32A	01	2	TQ2	E3		29B			
53619		XA522	61		XA522	64			168	9			TCSD20	52	TRW42A	01	2	TQ2	E4		32B			
53620		XA522	64		XA522	70			168	9			TCSD20	53	TRW22A	01	2	TQ2	E2		30A			
53621		XA522	70		XA523	75			168	9			TCSD20	54	TRW12A	01	2	TQ2	E1		33A			
53622		XA523	75										TCSD20	55	TCSD20	00	1	TQ2	F1		37B			
53623		XA418	23		XA412	34			168	9			TCZROA	51	TCZROA	00	1	TS8	B1		11B		MAIN TIMING COUNT	
53624		XA412	34										TCZROA	52	TCZRO0	01	1	TQ2	C2		16A			
53625		XA515	66		XA509	77			168	9			TCZRO0	51	TWRG2A	01	2	TD4	E1		31A			
53626		XA509	77		XA409	59			168	9			TCZRO0	52	TLAD0A	01	2	TT3	F1		38B			
53627		XA409	59		XA409	46			168	9			TCZRO0	53	TSTP6A	01	2	TT3	E3		31B			
53628		XA409	46		XA410	25			168	9			TCZRO0	54	TFST2A	01	2	TT3	D2		21A			
53629		XA410	25		XA412	30			168	9			TCZRO0	55	TSTR2A	01	3	TD4	B1		12B			
53630		XA412	30										TCZRO0	56	TCZRO0	00	1	TQ2	C2		15A			
53631		XA418	35		XA412	29			168	9			TCZR1A	51	TCZR1A	00	1	TS8	C1		17B			
53632		XA412	29										TCZR1A	52	TCZR10	01	1	TQ2	C3		14B			
53633		XA412	33		XA418	25			168	9			TCZR10	51	TCZR10	00	1	TQ2	C3		16B			
53634		XA418	25										TCZR10	52	TCZROA	01	7	TS8	B1		12B			
53635		XA520	17		XA521	11			168	9			TCZR7A	51	TCZR70	01	1	TQ2	B3		08B			
53636		XA521	11										TCZR7A	52	TCZR7A	00	1	TS8	A1		05B		WRITE TIMING COUNT	
53637		XA515	68		XA518	46			168	9			TCZR70	51	TWRG2A	01	3	TD4	E1		32A			
53638		XA518	46		XA518	35			168	9			TCZR70	52	TLCC4A	01	2	TT3	D2		21A			
53639		XA518	35		XA520	21			168	9			TCZR70	53	TWR14A	01	2	TT3	C3		17B			
53640		XA520	21										TCZR70	54	TCZR70	00	1	TQ2	B3		10B			
53641		XA413	13		XA414	08			168	9			TC00BQ	51	TC00BQ	00	1	TDD	AQ		06B			
53642		XA414	08		XA418	14			168	9			TC00BQ	52	TC01B1	01	1	TDD	AI		06A			
53643		XA418	14										TC00BQ	53	TCZROA	01	1	TS8	B1		09A			
53644		XA415	08		XA414	13			168	9			TC01BQ	51	TC02B1	01	1	TDD	AI		06A			
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	PREFIX	CONNECTOR	PIN	BRFC	PREFIX	CONNECTOR	PIN	BRFC	MULTI GROUP	CODE	COLOR												
53645		XA414	13										TC01BQ	52	TC01BQ	00	1	TDD	AQ		06B		
53646		XA415	13		XA416	08				16B	9		TC02BQ	51	TC02BQ	00	1	TDD	AQ		06B		
53647		XA416	08										TC02BQ	52	TC03BI	01	1	TDD	AI		06A		
53648		XA417	08		XA416	13				16B	9		TC03BQ	51	TC04BI	01	1	TDD	AI		06A		
53649		XA416	13										TC03BQ	52	TC03BQ	00	1	TDD	AQ		06B		
53650		XA412	08		XA413	08				16B	9		TC04BP	51	TCCP10	01	1	TQ2	A1		06A		
53651		XA413	08		XA417	11				16B	9		TC04BP	52	TC00BI	01	1	TDD	AI		06A		
53652		XA417	11										TC04BP	53	TC04BP	00	1	TDD	AP		05B		
53653		XA418	18		XA417	13				16B	9		TC04BQ	51	TCZROA	01	2	TS8	B1		10A		
53654		XA417	13										TC04BQ	52	TC04BQ	00	1	TDD	AQ		06B	MAIN TIMING COUNT	
53655		XA418	19		XA414	05				16B	9		TC10BQ	51	TCZROA	01	3	TS8	B1		09B		
53656		XA414	05		XA413	07				16B	9		TC10BQ	52	TC11BI	01	1	TDD	BI		03B		
53657		XA413	07										TC10BQ	53	TC10BQ	00	1	TDD	BQ		03A		
53658		XA415	05		XA414	07				16B	9		TC11BQ	51	TC12BI	01	1	TDD	BI		03B		
53659		XA414	07										TC11BQ	52	TC11BQ	00	1	TDD	BQ		03A		
53662		XA415	07		XA416	05				16B	9		TC12BQ	51	TC12BQ	00	1	TDD	BQ		03A		
53663		XA416	05										TC12BQ	52	TC13BI	01	1	TDD	BI		03B		
53664		XA519	20		XA417	05				16B	9		TC13BQ	51	T080UA	01	2	TQ2	B2		11A		C09
53665		XA417	05		XA416	07				16B	9		TC13BQ	52	TC14BI	01	1	TDD	BI		03B		
53666		XA416	07										TC13BQ	53	TC13BQ	00	1	TDD	BQ		03A		
53667		XA411	04		XA413	05				16B	9		TC14BP	51	TCCP20	01	1	TQ2	A2		04A		
53668		XA413	05		XA417	09				16B	9		TC14BP	52	TC10BI	01	1	TDD	BI		03B		
53669		XA417	09		XA519	18				16B	9		TC14BP	53	TC14BP	00	1	TDD	BP		04B		C09
53670		XA519	18										TC14BP	54	T080UA	01	1	TQ2	B2		10A		C09
53670		XA418	20		XA417	07				16B	9		TC14BQ	51	TCZROA	01	4	TS8	B1		11A		
53671		XA417	07										TC14BQ	52	TC14BQ	00	1	TDD	BQ		03A	MAIN TIMING COUNT	
53672		XA418	22		XA414	24				16B	9		TC20BQ	51	TCZROA	01	5	TS8	B1		12A		
53673		XA414	24		XA413	25				16B	9		TC20BQ	52	TC21BI	01	1	TDD	CI		13A		
53674		XA413	25										TC20BQ	53	TC20BQ	00	1	TDD	CQ		12B		
53675		XA415	24		XA414	25				16B	9		TC21BQ	51	TC22BI	01	1	TDD	CI		13A		
53676		XA414	25										TC21BQ	52	TC21BQ	00	1	TDD	CQ		12B		
53677		XA415	25		XA416	24				16B	9		TC22BQ	51	TC22BQ	00	1	TDD	CQ		12B		
53678		XA416	24										TC22BQ	52	TC23BI	01	1	TDD	CI		13A		
53679		XA417	24		XA416	25				16B	9		TC23BQ	51	TC24BI	01	1	TDD	CI		13A		
53680		XA416	25										TC23BQ	52	TC23BQ	00	1	TDD	CQ		12B		
											****	SIGNAL	TC24BP	IS ON THE NEXT PAGE					****				

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	PREFIX	CONNECTOR	PIN	W/P	PREFIX	CONNECTOR	PIN	W/P	MULTI GROUP	CODE	COLOR	IDENT											
53681		XA412	04		XA413	24				16B	9		TC24BP	51	TCCP30	01	1	TQ2	A2		04A		
53682		XA413	24		XA417	23				16B	9		TC24BP	52	TC20BI	01	1	TDD	C1		13A		
53683		XA417	23										TC24BP	53	TC24BP	00	1	TDD	CP		11B		
53684		XA418	24		XA417	25				16B	9		TC24BQ	51	TC2R0A	01	6	TS8	B1		13A		
53685		XA417	25										TC24BQ	52	TC24BQ	00	1	TDD	CQ		12B	MAIN TIMING COUNT	
53776		XA525	48		XA418	30				16B	9		TC30BQ	01	T066MA	01	3	TD4	D2		22A	D04	
53688		XA418	30		XA414	18				16B	9		TC30BQ	51	TC2R1A	01	1	TS8	C1		15A		
53689		XA414	18		XA413	19				16B	9		TC30BQ	52	TC31BI	01	1	TDD	D1		10A		
53690		XA413	19										TC30BQ	53	TC30BQ	00	1	TDD	DQ		09B		
58029		XA414	21		XA519	03				16B	9		TC31BP	51	TC31BP	00	1	TDD	DP		10B	D04	
53727		XA519	03		XA525	50				16B	9		TC31BP	52	T002MA	01	1	TQ2	A3		02A	D04	
53777		XA525	50		XA525	72				16B	9		TC31BP	53	U037UA	01	4	TD4	D2		23A	D04	
53712		XA525	72							16B	9		TC31BP	54	T082MA	01	2	TD4	F2		34A	D08	
53691		XA415	18		XA414	19				16B	9		TC31BQ	51	TC32BI	01	1	TDD	D1		10A		
53692		XA414	19										TC31BQ	52	TC31BQ	00	1	TDD	DQ		09B		
51415		XA433	72		XA519	08				16B	9		TC32BP	01	T033MA	01	2	TD4	F2		34A	D04	
53693		XA519	08		XA415	21				16B	9		TC32BP	51	T003MA	01	1	TQ2	A1		06A		
53694		XA415	21										TC32BP	52	TC32BP	00	1	TDD	DP		10B		
53695		XA415	19		XA416	18				16B	9		TC32BQ	51	TC32BQ	00	1	TDD	DQ		09B		
53696		XA416	18		XA519	07				16B	9		TC32BQ	52	TC33BI	01	1	TDD	D1		10A	D04	
53731		XA519	07										TC32BQ	53	T002MA	01	2	TQ2	A3		03A	D08	
53697		XA416	19		XA417	18				16B	9		TC33BQ	51	TC33BQ	00	1	TDD	DQ		09B		
53698		XA417	18		XA519	10				16B	9		TC33BQ	52	TC34BI	01	1	TDD	D1		10A		
53699		XA519	10		XA433	73				16B	9		TC33BQ	53	T003MA	01	2	TQ2	A1		07A	D04	
51354		XA433	73										TC33BQ	54	T033MA	01	3	TD4	F2		36B	D04	
53700		XA411	03		XA413	18				16B	9		TC34BP	51	TCCP40	01	1	TQ2	A3		02A		
53701		XA413	18		XA417	21				16B	9		TC34BP	52	TC30BI	01	1	TDD	D1		10A		
53702		XA417	21										TC34BP	53	TC34BP	00	1	TDD	DP		10B	D04	
53704		XA418	31		XA417	19				16B	9		TC34BQ	51	TC2R1A	01	2	TS8	C1		15B	D01	
53705		XA417	19										TC34BQ	52	TC34BQ	00	1	TDD	DQ		09B	MAIN TIMING COUNT	
53708		XA413	35		XA515	40				16B	9		TC40BP	01	TC40BP	00	1	TDD	EP		17B	D08	
57928		XA515	40		XA506	64				16B	9		TC40BP	02	TWRG6A	01	3	TD4	C1		19A	D08	
57937		XA506	64										TC40BP	03	TREG1A	01	2	TQ2	E2		30A	D08	
53709		XA413	37		XA414	40				16B	9		TC40BQ	51	TC40BQ	00	1	TDD	EQ		18B		
53710		XA414	40		XA418	34				16B	9		TC40BQ	52	TC41BI	01	1	TDD	E1		19A		
53711		XA418	34		XA525	43				16B	9		TC40BQ	53	TC2R1A	01	3	TS8	C1		16A	D04	
53819		XA525	43										TC40BQ	54	T066MA	01	1	TD4	D2		23B	D04	
98031		XA414	35		XA525	46				16B	9		TC41BP	51	TC41BP	00	1	TDD	EP		17B	D04	
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	PREFIX	CONNECTOR	PIN	REF	PREFIX	CONNECTOR	PIN	REF	MULTI GROUP	CODE	COLOR	IDENT										
53829		XA525	46		XA515	48				168	9		TC41BP	52	T066MA	01 2	TD4	D2		21A		D08
57923		XA515	48										TC41BP	53	TNDA1A	01 3	TD4	D2		22A		D08
53713		XA415	40		XA414	37				168	9		TC41BQ	52	TC42BI	01 1	TDD	EI		19A		
53714		XA414	37										TC41BQ	53	TC41BQ	00 1	TDD	EQ		18B		
58032		XA415	35		XA519	04				168	9		TC42BP	01	TC42BP	00 1	TDD	EP		17B		C09
53707		XA519	04		XA433	71				168	9		TC42BP	02	T030MA	01 1	TQ2	A2		04A		D08
51264		XA433	71										TC42BP	04	T033MA	01 1	TD4	F2		36A		D04
53706		XA525	71		XA416	40				168	9		TC42BQ	01	T082MA	01 1	TD4	F2		36A		D08
53715		XA416	40		XA415	37				168	9		TC42BQ	51	TC43BI	01 1	TDD	EI		19A		
53716		XA415	37										TC42BQ	52	TC42BQ	00 1	TDD	EQ		18B		
53686		XA525	73		XA416	35				168	9		TC43BP	01	T082MA	01 3	TD4	F2		36B		D08
58033		XA416	35										TC43BP	02	TC43BP	00 1	TDD	EP		17B		D08
53717		XA416	37		XA417	40				168	9		TC43BQ	51	TC43BQ	00 1	TDD	EQ		18B		
53718		XA417	40		XA519	05				168	9		TC43BQ	52	TC44BI	01 1	TDD	EI		19A		C09
53722		XA519	05										TC43BQ	53	T030MA	01 2	TQ2	A2		03B		C09
53719		XA412	03		XA413	40				168	9		TC44BP	51	TCCP50	01 1	TQ2	A3		02A		
53720		XA413	40		XA417	35				168	9		TC44BP	52	TC40BI	01 1	TDD	EI		19A		
53721		XA417	35										TC44BP	53	TC44BP	00 1	TDD	EP		17B		C13
53723		XA418	36		XA417	37				168	9		TC44BQ	51	TCZRIA	01 4	TS8	C1		17A		
53724		XA417	37										TC44BQ	52	TC44BQ	00 1	TDD	EQ		18B		MAIN TIMING COUNT
53728		XA418	37		XA414	34				168	9		TC50BQ	51	TCZRIA	01 5	TS8	C1		18B		
53729		XA414	34		XA413	31				168	9		TC50BQ	52	TC51BI	01 1	TDD	EI		16A		
53730		XA413	31										TC50BQ	53	TC50BQ	00 1	TDD	FQ		15B		
58034		XA414	33		XA407	41				168	9		TC51BP	01	TC51BP	00 1	TDD	FP		16B		C09
53725		XA407	41										TC51BP	02	T200MA	01 1	TQ2	D3		22B		C09
51462		XA432	37		XA415	34				168	9		TC51BQ	01	TSTP90	01 2	TQ2	C4		18B		D08
53732		XA415	34		XA414	31				168	9		TC51BQ	52	TC52BI	01 1	TDD	FI		16A		
53733		XA414	31										TC51BQ	53	TC51BQ	00 1	TDD	FQ		15B		
53750		XA506	55		XA415	33				168	9		TC52BP	01	TREG2A	01 2	TQ2	E3		29B		C09
53734		XA415	33		XA519	11				168	9		TC52BP	51	TC52BP	00 1	TDD	FP		16B		
53735		XA519	11										TC52BP	52	T300MA	01 1	TQ2	A4		05B		
53736		XA416	34		XA415	31				168	9		TC52BQ	51	TC53BI	01 1	TDD	EI		16A		
53737		XA415	31		XA407	43				168	9		TC52BQ	52	TC52BQ	00 1	TDD	FQ		15B		C09
53741		XA407	43										TC52BQ	53	T200MA	01 2	TQ2	D3		23B		C09
53738		XA416	31		XA417	34				168	9		TC53BQ	51	TC53BQ	00 1	TDD	FQ		15B		
53739		XA417	34		XA519	13				168	9		TC53BQ	52	TC54BI	01 1	TDD	FI		16A		
53740		XA519	13										TC53BQ	53	T300MA	01 2	TQ2	A4		06B		C09

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	PREFIX	CONNECTOR	PIN	DRILL	PREFIX	CONNECTOR	PIN	SH. CO.	MULTI GROUP	CODE	COLOR									IDENT	AND		
53756	XA506	79			XA411	11			168	9			TC548P	51	TREG3A	01 2	TQ2	F1		39B		C09	
53742	XA411	11			XA413	34			168	9			TC548P	52	TCCP60	01 1	TQ2	A4		05B			
53743	XA413	34			XA417	33			168	9			TC548P	53	TC508I	01 1	TDD	F1		16A			
53744	XA417	33											TC548P	54	TC548P	00 1	TDD	FP		16B			
53745	XA418	38			XA417	31			168	9			TC548Q	51	TCZRIA	01 6	TS8	C1		18A			
53746	XA417	31											TC548Q	52	TC548Q	00 1	TDD	FQ		15B			
53764	XA503	19			XA413	47			168	9			TC608P	01	TNDA2A	01 3	TS8	B1		09B		C13	
58036	XA413	47											TC608P	02	TC608P	00 1	TDD	GP		25B			
53747	XA418	40			XA414	54			168	9			TC608Q	51	TCZRIA	01 7	TS8	C1		19A			
53748	XA414	54			XA413	49			168	9			TC608Q	52	TC618I	01 1	TDD	GI		25A			
53749	XA413	49											TC608Q	53	TC608Q	00 1	TDD	GQ		26B			
53752	XA415	54			XA414	49			168	9			TC618Q	51	TC628I	01 1	TDD	GI		25A			
53753	XA414	49											TC618Q	52	TC618Q	00 1	TDD	GQ		26B			
53754	XA416	54			XA415	49			168	9			TC628Q	51	TC638I	01 1	TDD	GI		25A			
53755	XA415	49											TC628Q	52	TC628Q	00 1	TDD	GQ		26B			
53758	XA412	11			XA416	49			168	9			TC638Q	51	T009SA	01 1	TQ2	A4		05B			
53759	XA416	49			XA417	54			168	9			TC638Q	52	TC638Q	00 1	TDD	GQ		26B			
53760	XA417	54											TC638Q	53	TC648I	01 1	TDD	GI		25A			
53761	XA412	13			XA417	47			168	9			TC648P	51	T009SA	01 2	TQ2	A4		06B			
53762	XA417	47			XA413	54			168	9			TC648P	52	TC648P	00 1	TDD	GP		25B			
53763	XA413	54											TC648P	53	TC608I	01 1	TDD	GI		25A		C09	
53765	XA418	42			XA417	49			168	9			TC648Q	51	TCZRIA	01 8	TS8	C1		20A			
53766	XA417	49											TC648Q	52	TC648Q	00 1	TDD	GQ		26B		MAIN TIMING COUNT	
53767	XA413	43			XA414	48			168	9			TC708Q	51	TC708Q	00 1	TDD	HQ		23B			
53768	XA414	48			XA521	01			168	9			TC708Q	52	TC718I	01 1	TDD	HT		22A			
53769	XA521	01			XA518	30			168	9			TC708Q	53	TCZ7A	01 1	TS8	A1		02B			
53770	XA518	30			XA527	50			168	9			TC708Q	54	TW08CA	01 2	TT3	C2		15A			
53771	XA527	50			XA502	64			168	9			TC708Q	55	U3618A	01 5	TS8	D1		23A		C09	
53772	XA502	64											TC708Q	56	U1658A	01 5	TS8	F1		30A		C09	
53773	XA415	48			XA414	43			168	9			TC718Q	51	TC728I	01 1	TDD	HT		22A			
53774	XA414	43			XA509	35			168	9			TC718Q	52	TC718Q	00 1	TDD	HQ		23B			
53775	XA509	35											TC718Q	53	TW08CA	01 2	TT3	C3		17B		D04	
53778	XA509	37			XA415	45			168	9			TC728P	52	TW08CA	01 3	TT3	C3		18B			
53779	XA415	45											TC728P	53	TC728P	00 1	TDD	HP		24B			
53780	XA527	75			XA416	48			168	9			TC728Q	51	T198UA	01 5	TS8	F1		37B		D04	
53782	XA416	48			XA415	43			168	9			TC728Q	53	TC738I	01 1	TDD	HT		22A			
												****	SIGNAL	TC728Q	IS ON THE NEXT PAGE			****					

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	PREFIX	CONNECTOR	PIN	DR TO	PREFIX	CONNECTOR	PIN	DR TO	MULTI GROUP	CODE	COLOR	IDENT												
53783		XA415	43										TC72BQ	54	TC72BQ	00	1	TDD	HQ		23B			
53784		XA502	66		XA527	77			16B	9			TC738P	51	U1658A	01	6	TS8	E1		31A		D04	
53786		XA527	77		XA527	52			16B	9			TC738P	53	T198UA	01	6	TS8	F1		38B		C09	
53787		XA527	52		XA518	34			16B	9			TC738P	54	U3618A	01	6	TS8	D1		24A		C09	
53788		XA518	34		XA416	45			16B	9			TC738P	55	TWDEEA	01	3	TT3	C2		16A			
53789		XA416	45										TC738P	56	TC738P	00	1	TDD	HP		24B			
53790		XA416	43		XA417	48			16B	9			TC738Q	51	TC738Q	00	1	TDD	HQ		23B			
53791		XA417	48		XA527	64			16B	9			TC738Q	52	TC748I	01	1	TDD	HI		22A			
53792		XA527	64										TC738Q	53	T399UA	01	5	TS8	E1		30A		C09	
53793		XA412	24		XA413	48			16B	9			TC748P	51	TCCP80	01	1	TQ2	B1		13A			
53794		XA413	48		XA417	45			16B	9			TC748P	52	TC708I	01	1	TDD	HI		22A			
53795		XA417	45		XA527	66			16B	9			TC748P	53	TC748P	00	1	TDD	HP		24B			
53796		XA527	66										TC748P	54	T399UA	01	6	TS8	E1		31A		C09	
53797		XA417	43		XA521	04			16B	9			TC748Q	51	TC748Q	00	1	TDD	HQ		23B		WRITE TIMING COUNT	
53798		XA521	04										TC748Q	52	TCZR7A	01	2	TS8	A1		04A			
53821		XA502	61		XA527	48			16B	9			TC808P	49	U1658A	01	3	TS8	E1		32B		D04	
53801		XA527	48		XA413	59			16B	9			TC808P	53	U3618A	01	3	TS8	D1		22A		C09	
53802		XA413	59										TC808P	54	TC808P	00	1	TDD	JP		31B			
53803		XA413	61		XA414	68			16B	9			TC808Q	51	TC808Q	00	1	TDD	JQ		32B			
53804		XA414	68		XA521	05			16B	9			TC808Q	52	TC818I	01	1	TDD	JT		32A			
53805		XA521	05										TC808Q	53	TCZR7A	01	3	TS8	A1		03B			
53814		XA527	49		XA415	68			16B	9			TC818Q	53	U3618A	01	4	TS8	D1		26B		C09	
53815		XA415	68		XA414	61			16B	9			TC818Q	54	TC828I	01	1	TDD	JT		32A			
53816		XA414	61										TC818Q	55	TC818Q	00	1	TDD	JQ		32B		C09	
53823		XA416	68		XA415	61			16B	9			TC828Q	52	TC838I	01	1	TDD	JT		32A			
53824		XA415	61										TC828Q	53	TC828Q	00	1	TDD	JQ		32B			
53799		XA527	73		XA527	61			16B	9			TC838Q	01	T198UA	01	3	TS8	F1		36B		C09	
53800		XA527	61		XA417	71			16B	9			TC838Q	02	T399UA	01	3	TS8	E1		32B		C09	
53613		XA417	71		XA416	61			16B	9			TC838Q	53	TC848I	01	1	TDD	MI		36A		A02	
53831		XA416	61		XA438	63			16B	9			TC838Q	54	TC838Q	00	1	TDD	JQ		32B			
53832		XA438	63										TC838Q	55	TWDEPR	01	4	PAR	F1		32B			
53828		XA502	62		XA411	18			16B	9			TC848P	00	U1658A	01	4	TS8	E1		29A		C09	
53833		XA411	18		XA413	68			16B	9			TC848P	51	TCCP90	01	1	TQ2	B2		10A			
53834		XA413	68		XA417	69			16B	9			TC848P	52	TC808I	01	1	TDD	JT		32A		A02	
53603		XA417	69		XA421	66			16B	9			TC848P	53	TC848P	00	1	TDD	MP		35A		C09	
53810		XA421	66		XA423	66			16B	9			TC848P	54	TW01DTA	01	4	MUX	E1		32B		C09	
53811		XA423	66		XA422	66			16B	9			TC848P	55	TW05DTA	01	4	MUX	E1		32B		C09	
53806		XA422	66		XA424	66			16B	9			TC848P	56	TW02DTA	01	4	MUX	F1		32B		C09	
53807		XA424	66		XA527	74			16B	9			TC848P	57	TW06DTA	01	4	MUX	E1		32B		D04	
53836		XA527	74		XA527	62			16B	9			TC848P	59	T198UA	01	4	TS8	F1		35B		C09	
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	PREFIX	CONNECTOR	PIN	DRIFT	PREFIX	CONNECTOR	PIN	DRIFT	MULTI GROUP	CODE	COLOR	IDENT											
53813		XA527	62										TC84BP	60	T399UA	01	4	TS8	E1		29A		C09
53837		XA521	06		XA417	74				168	9		TC84BQ	51	TCZR7A	01	4	TS8	A1		05A		A02
53607		XA417	74		XA438	64				168	9		TC84BQ	52	TC84BQ	00	1	TDD	MQ		35B	INPUT DELAY COUNT	A02
53839		XA438	64										TC84BQ	53	TWDEPR	01	5	PAR	E1		31A		
53825		XA423	49		XA422	49				168	9		TC90BP	01	TWOODTA	01	4	MUX	D1		24B		C09
53826		XA422	49		XA413	57				168	9		TC90BP	02	TWOODTA	01	4	MUX	D1		24B		C09
53840		XA413	57		XA502	55				168	9		TC90BP	51	TC90BP	00	1	TDD	KP		30B		
53841		XA502	55		XA527	71				168	9		TC90BP	52	UI658A	01	1	TS8	F1		29B		C09
53842		XA527	71										TC90BP	53	T198UA	01	1	TS8	F1		36A		C09
53843		XA413	55		XA414	62				168	9		TC90BQ	51	TC90BQ	00	1	TDD	KQ		29B		
53844		XA414	62		XA521	07				168	9		TC90BQ	52	TC91BT	01	1	TDD	KI		29A		
53845		XA521	07		XA527	43				168	9		TC90BQ	53	TCZR7A	01	5	TS8	A1		03A		
53846		XA527	43		XA527	55				168	9		TC90BQ	54	U3618A	01	1	TS8	D1		23B		C09
53847		XA527	55										TC90BQ	55	T399UA	01	1	TS8	E1		29B		C09
53848		XA414	57		XA413	62				168	9		TC91BP	51	TC91BP	00	1	TDD	KP		30B		
53849		XA413	62		XA527	46				168	9		TC91BP	52	TC90BI	01	1	TDD	KI		29A		
53850		XA527	46		XA527	60				168	9		TC91BP	53	U3618A	01	2	TS8	D1		21A		C09
53851		XA527	60										TC91BP	54	T399UA	01	2	TS8	E1		28A		C09
53852		XA502	60		XA527	72				168	9		TC91BQ	51	UI658A	01	2	TS8	F1		28A		C09
53853		XA527	72		XA521	08				168	9		TC91BQ	52	T198UA	01	2	TS8	F1		34A		C09
53854		XA521	08		XA414	55				168	9		TC91BQ	53	TCZR7A	01	6	TS8	A1		06A		
53855		XA414	55										TC91BQ	54	TC91BQ	00	1	TDD	KQ		29B	WRITE TIMING COUNT	
53856		XA528	01		XA528	10				168	9		TDCP00	51	TD01BN	01	1	TDD	BN		02B		
53857		XA528	10		XA528	14				168	9		TDCP00	52	TD00BN	01	1	TDD	AN		07A		
53858		XA528	14		XA528	26				168	9		TDCP00	53	TD03BN	01	1	TDD	DN		09A		
53859		XA528	26		XA520	38				168	9		TDCP00	54	TD02BN	01	1	TDD	CN		14A		
53860		XA520	38										TDCP00	55	TDCP00	00	1	TQ2	C1		18A	INPUT DATA REG CLK	
53861		XA520	30		XA528	30				168	9		TDCP10	51	TDCP10	00	1	TQ2	C2		15A		
53862		XA528	30		XA528	42				168	9		TDCP10	52	TD05BN	01	1	TDD	FN		15A		
53863		XA528	42		XA528	46				168	9		TDCP10	53	TD04BN	01	1	TDD	EN		20A		
53864		XA528	46		XA528	56				168	9		TDCP10	54	TD07BN	01	1	TDD	HN		21A		
53865		XA528	56										TDCP10	55	TD06BN	01	1	TDD	GN		26A		
53866		XA528	79		XA528	72				168	9		TDCP20	51	TD10BN	01	1	TDD	LN		39B		
53867		XA528	72		XA528	70				168	9		TDCP20	52	TD11BN	01	1	TDD	MN		34A		
53868		XA528	70		XA528	60				168	9		TDCP20	53	TD08BN	01	1	TDD	JN		33A		
53869		XA528	60		XA520	33				168	9		TDCP20	54	TD09BN	01	1	TDD	KN		28A		
53870		XA520	33										TDCP20	55	TDCP20	00	1	TQ2	C3		16B		
53871		XA529	01		XA529	10				168	9		TDCP30	51	TD13BN	01	1	TDD	BN		02B		
53872		XA529	10		XA529	14				168	9		TDCP30	52	TD12BN	01	1	TDD	AN		07A		
53873		XA529	14		XA529	26				168	9		TDCP30	53	TD15BN	01	1	TDD	DN		09A		
53874		XA529	26		XA520	39				168	9		TDCP30	54	TD14BN	01	1	TDD	CN		14A		
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53875		XA520	39									TDCP30	55	TDCP30	00	1	TQ2	C4	19B		
53876		XA529	30		XA529	42			168	9		TDCP40	51	TD17BN	01	1	TDD	FN	15A		
53877		XA529	42		XA529	46			168	9		TDCP40	52	TD16BN	01	1	TDD	EN	20A		
53878		XA529	46		XA529	56			168	9		TDCP40	53	TD19BN	01	1	TDD	HN	21A		
53879		XA529	56		XA520	52			168	9		TDCP40	54	TD18BN	01	1	TDD	GN	28A		
53880		XA520	52									TDCP40	55	TDCP40	00	1	TQ2	D1	24A		
53881		XA520	46		XA529	60			168	9		TDCP50	51	TDCP50	00	1	TQ2	D2	21A		
53882		XA529	60		XA529	70			168	9		TDCP50	52	TD21BN	01	1	TDD	KN	28A		
53883		XA529	70		XA529	72			168	9		TDCP50	53	TD20BN	01	1	TDD	JN	33A		
53884		XA529	72		XA529	79			168	9		TDCP50	54	TD23BN	01	1	TDD	MN	34A		
53885		XA529	79									TDCP50	55	TD22BN	01	1	TDD	LN	39B		
53886		XA530	01		XA530	10			168	9		TDCP60	51	TD25BN	01	1	TDD	BN	02B		
53887		XA530	10		XA530	14			168	9		TDCP60	52	TD24BN	01	1	TDD	AN	07A		
53888		XA530	14		XA530	26			168	9		TDCP60	53	TD27BN	01	1	TDD	DN	09A		
53889		XA530	26		XA520	45			168	9		TDCP60	54	TD26BN	01	1	TDD	CN	14A		
53890		XA520	45									TDCP60	55	TDCP60	00	1	TQ2	D3	24B		
53891		XA520	51		XA530	56			168	9		TDCP70	51	TDCP70	00	1	TQ2	D4	27B	INPUT DATA REG CLK	
53892		XA530	56		XA530	46			168	9		TDCP70	52	TD30BN	01	1	TDD	GN	28A		
53893		XA530	46		XA530	42			168	9		TDCP70	53	TD31BN	01	1	TDD	HN	21A		
53894		XA530	42		XA530	30			168	9		TDCP70	54	TD28BN	01	1	TDD	EN	20A		
53895		XA530	30									TDCP70	55	TD29BN	01	1	TDD	FN	15A		
53084		XA550	42	3	XA543	58	3		168	9		TDIRCDR	51				EXT				B06
58303		XA543	58									TDIRCDR	52				TLD		40A		
53083		XA550	41		XA543	51			168	9		TDIRCD4	50				EXT				B06
53896		XA543	51		XA544	42			168	9		TDIRCD4	51	TDIRCD4	00	1	TLD	D4	27B	DIRECTION DRIVER	
53897		XA544	42									TDIRCD4	52				RR4	D1			
53898		XA406	38		XA407	40			168	9		TDIRIR	51	TDIRIR	00	1	TQ2	C1	18A		
53899		XA407	40		XA408	54			168	9		TDIRIR	52	TDIRIS	01	1	TQ2	C1	19A		
53900		XA408	54		XA509	60			168	9		TDIRIR	53	TRUN3A	01	1	TQ2	D1	25A		
53901		XA509	60		XA519	23			168	9		TDIRIR	54	TINT9A	01	2	TT3	E2	28A		
53902		XA519	23		XA540	15			168	9		TDIRIR	55	TRUNCA	01	1	TQ2	B4	11B		
53903		XA540	15									TDIRIR	56	TDSCIER	01	2	EOR	B1	08B		
53904		XA543	47		XA518	71			168	9		TDIRIS	01	TDIRCD4	01	1	TLD	D4	25B		C09
53905		XA518	71		XA509	68			168	9		TDIRIS	51	TREN2A	01	2	TT3	F2	38A		
53906		XA509	68		XA508	14			168	9		TDIRIS	52	UINT7A	01	2	TT3	E1	32A		C09
53907		XA508	14		XA506	03			168	9		TDIRIS	53	TNSGJA	01	1	TD4	B2	09A		
53908		XA506	03		XA406	40			168	9		TDIRIS	54	URUN1A	01	1	TQ2	A3	02A		C09
53909		XA406	40		XA407	38			168	9		TDIRIS	55	TDIRIR	01	1	TQ2	C1	19A		
53910		XA407	38									TDIRIS	56	TDIRIS	00	1	TQ2	C1	18A	OLD DIRECTION F/F	
53911		XA541	23		XA505	04			168	9		TDIRSP	51	TDIRSP	00	1	TDD	CP	11B		
53912		XA505	04		XA408	47			168	9		TDIRSP	52	TBSY2A	01	1	TQ2	A2	04A		
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53953		XA529	36		XA529	38				16B	9		TDRS4A	51	TD178P	01	1	TDD	FP		17A		
53954		XA529	38		XA529	50				16B	9		TDRS4A	52	TD168P	01	1	TDD	EP		18A		
53955		XA529	50		XA529	52				16B	9		TDRS4A	53	TD198P	01	1	TDD	HP		23A		
53956		XA529	52		XA520	75				16B	9		TDRS4A	54	TD188P	01	1	TDD	GP		24A		
53957		XA520	75										TDRS4A	55	TDRS4A	00	1	TQ2	F1		37B		
53958		XA529	64		XA529	66				16B	9		TDRS5A	51	TD218P	01	1	TDD	KP		30A		
53959		XA529	66		XA529	75				16B	9		TDRS5A	52	TD208P	01	1	TDD	JP		31A		
53960		XA529	75		XA529	73				16B	9		TDRS5A	53	TD228P	01	1	TDD	LP		37B		
53961		XA529	73		XA520	72				16B	9		TDRS5A	54	TD238P	01	1	TDD	MP		36B		
53962		XA520	72										TDRS5A	55	TDRS5A	00	1	TQ2	F2		34A		
53963		XA520	69		XA530	22				16B	9		TDRS6A	51	TDRS6A	00	1	TQ2	F3		39A		
53964		XA530	22		XA530	20				16B	9		TDRS6A	52	TD268P	01	1	TDD	CP		12A		
53965		XA530	20		XA530	06				16B	9		TDRS6A	53	TD278P	01	1	TDD	DP		11A		
53966		XA530	06		XA530	04				16B	9		TDRS6A	54	TD248P	01	1	TDD	AP		05A		
53967		XA530	04										TDRS6A	55	TD258P	01	1	TDD	BP		04A		
53968		XA530	36		XA530	38				16B	9		TDRS7A	51	TD298P	01	1	TDD	FP		17A		
53969		XA530	38		XA530	50				16B	9		TDRS7A	52	TD288P	01	1	TDD	EP		18A		
53970		XA530	50		XA530	52				16B	9		TDRS7A	53	TD318P	01	1	TDD	HP		23A		
53971		XA530	52		XA520	80				16B	9		TDRS7A	54	TD308P	01	1	TDD	GP		24A		
53972		XA520	80										TDRS7A	55	TDRS7A	00	1	TQ2	F4		39A		
53973		XA406	35		XA407	39				16B	9		TDSC0A	51	TDSC00	01	1	TQ2	C4		17B		
53974		XA407	39		XA433	78				16B	9		TDSC0A	52	TDSC0A	00	1	TQ2	C4		19B		
53975		XA433	78										TDSC0A	53	TSTP4A	01	3	TD4	F1		38A		
53976		XA418	74		XA406	39				16B	9		TDSC00	51	TFST0A	01	4	TS8	F1		35B		
53977		XA406	39										TDSC00	52	TDSC00	00	1	TQ2	C4		19B		
53978		XA540	19		XA407	35				16B	9		TDSC1ER	51	TDSC1ER	00	1	EOR	B1		10B		
53979		XA407	35										TDSC1ER	52	TDSC0A	01	1	TQ2	C4		17B		
53980		XA407	37		XA540	27				16B	9		TDSC2ER	51	TDSC0A	01	2	TQ2	C4		18B		
53981		XA540	27										TDSC2ER	52	TDSC2ER	00	1	EOR	B2		13B		
53982		XA533	40		XA528	13				16B	9		TD00BQ	51	TB00BI	01	1	TDD	EI		19A		
53983		XA528	13										TD00BQ	52	TD00BQ	00	1	TDD	AQ		06B	INPUT DATA REG BIT	
53984		XA533	34		XA528	07				16B	9		TD01BQ	51	TB01BI	01	1	TDD	FI		16A		
53985		XA528	07										TD01BQ	52	TD01BQ	00	1	TDD	BQ		03A		
53986		XA533	54		XA528	25				16B	9		TD02BQ	51	TB02BI	01	1	TDD	GI		25A		
53987		XA528	25										TD02BQ	52	TD02BQ	00	1	TDD	CQ		12B		
53988		XA533	48		XA528	19				16B	9		TD03BQ	51	TB03BI	01	1	TDD	HI		22A		
53989		XA528	19										TD03BQ	52	TD03BQ	00	1	TDD	DQ		09B		
53990		XA533	68		XA528	37				16B	9		TD04BQ	51	TB04BI	01	1	TDD	JI		32A		
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	PREFIX	CONNECTOR	PIN	WIRE	PREFIX	CONNECTOR	PIN	WIRE	MULTI GROUP	CODE	COLOR	IDENT											
53991		XA528	37										TD04BQ	52	TD04BQ	00	1	TDD	EQ		18B		
53992		XA533	62		XA528	31			168	9			TD05BQ	51	TB05B I	01	1	TDD	KI		29A		
53993		XA528	31										TD05BQ	52	TD05BQ	00	1	TDD	FQ		15B		
53994		XA533	77		XA528	49			168	9			TD06BQ	51	TB06B I	01	1	TDD	LI		38B		
53995		XA528	49										TD06BQ	52	TD06BQ	00	1	TDD	GQ		26B		
53996		XA533	71		XA528	43			168	9			TD07BQ	51	TB07B I	01	1	TDD	MI		36A		
53997		XA528	43										TD07BQ	52	TD07BQ	00	1	TDD	HQ		23B	INPUT DATA REG BIT	
53998		XA534	08		XA528	61			168	9			TD08BQ	51	TB08B I	01	1	TDD	AI		06A		
53999		XA528	61										TD08BQ	52	TD08BQ	00	1	TDD	JQ		32B	INPUT DATA REG BIT	
54000		XA534	05		XA528	55			168	9			TD09BQ	51	TB09B I	01	1	TDD	BI		03B		
54001		XA528	55										TD09BQ	52	TD09BQ	00	1	TDD	KQ		29B		
54002		XA534	24		XA528	78			168	9			TD10BQ	51	TB10B I	01	1	TDD	CI		13A		
54003		XA528	78										TD10BQ	52	TD10BQ	00	1	TDD	LO		38A		
54004		XA534	18		XA528	74			168	9			TD11BQ	51	TB11B I	01	1	TDD	DI		10A		
54005		XA528	74										TD11BQ	52	TD11BQ	00	1	TDD	MQ		35B		
54006		XA534	40		XA529	13			168	9			TD12BQ	51	TB12B I	01	1	TDD	EI		19A		
54007		XA529	13										TD12BQ	52	TD12BQ	00	1	TDD	AQ		06B		
54008		XA534	34		XA529	07			168	9			TD13BQ	51	TB13B I	01	1	TDD	FI		16A		
54009		XA529	07										TD13BQ	52	TD13BQ	00	1	TDD	BQ		03A		
54010		XA534	54		XA529	25			168	9			TD14BQ	51	TB14B I	01	1	TDD	GI		25A		
54011		XA529	25										TD14BQ	52	TD14BQ	00	1	TDD	CO		12B		
54012		XA534	48		XA529	19			168	9			TD15BQ	51	TB15B I	01	1	TDD	HI		22A		
54013		XA529	19										TD15BQ	52	TD15BQ	00	1	TDD	DQ		09B	INPUT DATA REG BIT	
54014		XA534	68		XA529	37			168	9			TD16BQ	51	TB16B I	01	1	IDD	II		32A		
54015		XA529	37										TD16BQ	52	TD16BQ	00	1	TDD	EQ		18B	INPUT DATA REG BIT	
54016		XA534	62		XA529	31			168	9			TD17BQ	51	TB17B I	01	1	TDD	KI		29A		
54017		XA529	31										TD17BQ	52	TD17BQ	00	1	IDD	FQ		15B		
54018		XA534	77		XA529	49			168	9			TD18BQ	51	TB18B I	01	1	TDD	LI		38B		
54019		XA529	49										TD18BQ	52	TD18BQ	00	1	TDD	GQ		26B		
54020		XA534	71		XA529	43			168	9			TD19BQ	51	TB19B I	01	1	TDD	MI		36A		
54021		XA529	43										TD19BQ	52	TD19BQ	00	1	TDD	HQ		23B		
54022		XA535	08		XA529	61			168	9			TD20BQ	51	TB20B I	01	1	TDD	AI		06A		
54023		XA529	61										TD20BQ	52	TD20BQ	00	1	TDD	JQ		32B		
												****	SIGNAL	TD21BQ	IS ON THE NEXT PAGE				****				

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	PREFIX	CONNECTOR	PIN	DR PC	PREFIX	CONNECTOR	PIN	DR PC	MULTI GROUP	CODE	COLOR	IDENT											
54061		XA431	52			XA431	38			16B	9			TEB0DA	52	TEB3R0	01	1	TT3	D1	24A		
54062		XA431	38			XA431	33			16B	9			TEB0DA	53	TEB0R0	01	1	TT3	C1	18A		
54063		XA431	33			XA431	29			16B	9			TEB0DA	54	TEB2R0	01	1	TT3	C3	16B		
54064		XA431	29											TEB0DA	55	TEB1R0	01	1	TT3	C2	14B		
54065		XA428	38			XA436	52			16B	9			TEB0RA	51	TEB0RA	00	1	TQ2	C1	18A		
54066		XA436	52											TEB0RA	52	TEB0BP	01	1	TDD	GP	24A		
54067		XA431	36			XA428	40			16B	9			TEB0R0	51	TEB0R0	00	1	TT3	C1	17A	EOB COUNTER BIT 0	
54068		XA428	40											TEB0R0	52	TEB0RA	01	1	TQ2	C1	19A		
54069		XA436	51			XA431	43			16B	9			TEB0SA	51	TEB0BQ	01	1	TDD	GQ	27B		
54070		XA431	43											TEB0SA	52	TEB0SA	00	1	TT3	D2	23B	EOB COUNTER BIT 0	
54072		XA436	54			XA540	74			16B	9			TEB09ER	01	TEB0BI	01	1	TDD	GI	25A		001
54591		XA540	74											TEB09ER	02	TEB09ER	00	1	EOR	F4	36A		001
54073		XA527	04			XA435	45			16B	9			TEB1BP	51	TEB2RA	01	2	TS8	A1	04A		
54074		XA435	45											TEB1BP	52	TEB1BP	00	1	TDD	HP	24B		
54075		XA540	09			XA436	56			16B	9			TEB1BQ	51	TEB19ER	01	1	EOR	A2	06B		
54076		XA436	56			XA435	43			16B	9			TEB1BQ	52	TEB0BN	01	1	TDD	GN	26A		
54077		XA435	43											TEB1BQ	53	TEB1BQ	00	1	TDD	HQ	23B		
54080		XA428	30			XA435	50			16B	9			TEB1RA	51	TEB1RA	00	1	TQ2	C2	15A		
54081		XA435	50											TEB1RA	52	TEB1BP	01	1	TDD	HP	23A		
54082		XA431	31			XA428	34			16B	9			TEB1R0	51	TEB1R0	00	1	TT3	C2	15B		
54083		XA428	34											TEB1R0	52	TEB1RA	01	1	TQ2	C2	16A		
54084		XA431	55			XA435	41			16B	9			TEB1SA	51	TEB1SA	00	1	TT3	E2	29B		
54085		XA435	41											TEB1SA	52	TEB1BQ	01	1	TDD	HQ	22B		
54086		XA540	11			XA435	48			16B	9			TEB19ER	51	TEB19ER	00	1	EOR	A2	07B		
54087		XA435	48											TEB19ER	52	TEB1BI	01	1	TDD	HI	22A		
54088		XA527	05			XA434	59			16B	9			TEB2BP	51	TEB2RA	01	3	TS8	A1	03B		
54089		XA434	59											TEB2BP	52	TEB2BP	00	1	TDD	JP	31B		
54090		XA435	46			XA434	61			16B	9			TEB2BQ	51	TEB1BN	01	1	TDD	HN	21A		
54091		XA434	61			XA540	14			16B	9			TEB2BQ	52	TEB2BQ	00	1	TDD	JQ	32B		
54092		XA540	14											TEB2BQ	53	TEB29ER	01	1	EOR	A3	06A		
54095		XA428	33			XA434	66			16B	9			TEB2RA	51	TEB2RA	00	1	TQ2	C3	14B		
54096		XA434	66											TEB2RA	52	TEB2BP	01	1	TDD	JP	31A		
54097		XA431	39			XA428	29			16B	9			TEB2R0	51	TEB2R0	00	1	TT3	C3	19B		
54098		XA428	29											TEB2R0	52	TEB2RA	01	1	TQ2	C3	14B		
54099		XA431	63			XA434	63			16B	9			TEB2SA	51	TEB2SA	00	1	TT3	E3	33B		
										****	SIGNAL			TEB2SA		IS ON THE			NEXT PAGE	****			

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	PREFIX	CONNECTOR	PIN	LOC	PREFIX	CONNECTOR	PIN	LOC	MULTI GROUP	CODE	COLOR	IDENY												
54100		XA434	63										TEB2SA	52	TEB2BQ	01	1	TDD	JQ		33B			
54101		XA540	13		XA434	68			16B	9			TEB29ER	51	TEB29ER	00	1	EOR	A3		07A			
54102		XA434	68										TEB29ER	52	TEB2BI	01	1	TDD	JT		32A			
54103		XA527	06		XA436	45			16B	9			TEB3BP	51	TEB2RA	01	4	TS8	A1		05A			
54104		XA436	45										TEB3BP	52	TEB3BP	00	1	TDD	HP		24B			
54105		XA540	06		XA434	70			16B	9			TEB3BQ	51	TEB39ER	01	1	EOR	A4		03A			
54106		XA434	70		XA436	43			16B	9			TEB3BQ	52	TEB2BN	01	1	TDD	JN		33A			
54107		XA436	43										TEB3BQ	53	TEB3BQ	00	1	TDD	HQ		23B			
54110		XA428	39		XA436	50			16B	9			TEB3RA	51	TEB3RA	00	1	TQ2	C4		19B			
54111		XA436	50										TEB3RA	52	TEB3BP	01	1	TDD	HP		23A			
54112		XA431	50		XA428	35			16B	9			TEB3R0	51	TEB3R0	00	1	TT3	D1		23A			
54113		XA428	35										TEB3R0	52	TEB3RA	01	1	TQ2	C4		17B			
54114		XA431	73		XA436	41			16B	9			TEB3SA	51	TEB3SA	00	1	TT3	F1		36B			
54115		XA436	41										TEB3SA	52	TEB3BQ	01	1	TDD	HQ		22B			
54116		XA540	08		XA436	48			16B	9			TEB39ER	51	TEB39ER	00	1	EOR	A4		04A			
54117		XA436	48										TEB39ER	52	TEB3BI	01	1	TDD	HI		22A			
54118		XA506	93		XA527	07			16B	9			TEB4BP	51	TREG2A	01	1	TQ2	E3		28B			
54119		XA527	07		XA435	59			16B	9			TEB4BP	52	TEB2RA	01	5	TS8	A1		03A			
54120		XA435	59										TEB4BP	53	TEB4BP	00	1	TDD	JP		31B			
54121		XA436	46		XA435	61			16B	9			TEB4BQ	51	TEB3BN	01	1	TDD	HW		21A			
54122		XA435	61		XA540	03			16B	9			TEB4BQ	52	TEB4BQ	00	1	TDD	JQ		32B		B10	
54056		XA540	03										TEB4BQ	53	TEB49ER	01	1	EOR	A1		03B		B10	
54124		XA439	60		XA435	66			16B	9			TEB4RA	51	TEB4RA	00	1	TQ2	E2		28A			
54125		XA435	66		XA434	64			16B	9			TEB4RA	52	TEB4BP	01	1	TDD	JP		31A			
54126		XA434	64										TEB4RA	53	TEB5BP	01	1	TDD	KP		30A			
55086		XA516	40		XA516	34			16B	9			TEB4R0	01	TRRS1A	01	1	TQ2	C1		19A		C13	
55085		XA516	34		XA516	35			16B	9			TEB4R0	02	TRRS3A	01	1	TQ2	C2		16A		C13	
55084		XA516	35		XA516	29			16B	9			TEB4R0	03	TRRS7A	01	1	TQ2	C4		17B		C13	
55083		XA516	29		XA516	24			16B	9			TEB4R0	04	TRRS5A	01	1	TQ2	C3		14B		C13	
55072		XA516	24		XA516	23			16B	9			TEB4R0	05	TRRS0A	01	1	TQ2	B1		13A		C13	
55073		XA516	23		XA516	17			16B	9			TEB4R0	06	TRRS6A	01	1	TQ2	B4		11B		C13	
55074		XA516	17		XA516	18			16B	9			TEB4R0	07	TRRS4A	01	1	TQ2	B3		08B		C13	
55075		XA516	18		XA426	69			16B	9			TEB4R0	08	TRRS2A	01	1	TQ2	B2		10A		C13	
54127		XA426	69		XA439	62			16B	9			TEB4R0	09	TEB4R0	00	1	TQ2	F3		35A		C13	
54128		XA439	62										TEB4R0	10	TEB4RA	01	1	TQ2	E2		29A		C13	
54129		XA432	45		XA435	63			16B	9			TEB4SA	51	TEB4SA	00	1	TQ2	D3		24B			
54130		XA435	63										TEB4SA	52	TEB4BQ	01	1	TDD	JQ		33B			
												****	SIGNAL	TEB4S0	IS ON THE NEXT PAGE				****					

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	PREFIX	CONNECTOR	PIN	SH TO	PREFIX	CONNECTOR	PIN	SH TO	MULTI GROUP	CODE	COLOR	IDENT												SPEC INST
54131		XA428	57			XA432	41			16B	9		TEB4S0	51	TEB4S0	00	1	TQ2	E3		30B			
54132		XA432	41										TEB4S0	52	TEB4SA	01	1	TQ2	D3		22B			
54071		XA540	05			XA435	68			16B	9		TEB49ER	51	TEB49ER	00	1	EOR	A1		04B		B10	
54133		XA435	68										TEB49ER	52	TEB4BI	01	1	TDD	JI		32A		B10	
54135		XA506	77			XA527	08			16B	9		TEB5BP	51	TREG3A	01	1	TQ2	F1		38B			
54136		XA527	08			XA434	57			16B	9		TEB5BP	52	TEB7RA	01	6	TSB	A1		06A			
54137		XA434	57										TEB5BP	53	TEB5BP	00	1	TDD	KP		30B			
54138		XA428	41			XA434	55			16B	9		TEB5BQ	51	TEB590	01	1	TQ2	D3		22B			
54139		XA434	55			XA435	70			16B	9		TEB5BQ	52	TEB5BQ	00	1	TDD	KQ		29B		EOB COUNTER BIT 5	
54140		XA435	70										TEB5BQ	53	TEB4BN	01	1	TDD	JN		33A			
53211		XA409	15			XA434	60			16B	9		TEB5KA	51	TEB5KA	00	1	TT3	A3		07B		EOB COUNTER CLOCK	
54142		XA434	60										TEB5KA	52	TEB5BN	01	1	TDD	KN		28A			
54143		XA426	65			XA430	27			16B	9		TEB5RA	51	TEB4RO	01	1	TQ2	F3		34B			
54144		XA430	27										TEB5RA	52	TEB5RA	00	1	TT3	B3		13B			
54145		XA434	53			XA426	72			16B	9		TEB5SA	51	TEB5BQ	01	1	TDD	KQ		28B			
54146		XA426	72										TEB5SA	52	TEB5SA	00	1	TQ2	F2		34A			
54147		XA428	63			XA426	71			16B	9		TEB5S0	51	TEB5S0	00	1	TQ2	F4		33B			
54148		XA426	71										TEB5S0	52	TEB5SA	01	1	TQ2	F2		36A			
54149		XA434	62			XA428	45			16B	9		TEB590	51	TEB5BI	01	1	TDD	KI		29A			
54150		XA428	45										TEB590	52	TEB590	00	1	TQ2	D3		24B			
54151		XA522	45			XA525	14			16B	9		TEOTCA	51	TEOTCA	00	1	TQ2	D3		24B			
54152		XA525	14										TEOTCA	52	TEOT1A	01	1	TD4	B2		09A			
54158		XA523	19			XA522	38			16B	9		TEOTOA	51	TEOTOS	01	2	TQ2	B3		09B			
54159		XA522	38										TEOTOA	52	TEOTOA	00	1	TQ2	C1		18A			
54161		XA522	21			XA523	17			16B	9		TEOTOR	52	TEOTOR	00	1	TQ2	B3		10B			
54162		XA523	17										TEOTOR	53	TEOTOS	01	1	TQ2	B3		08B			
54163		XA524	18			XA524	21			16B	9		TEOTOS	51	UEOT1R	01	3	TT3	B2		10A		C09	
54164		XA524	21			XA523	21			16B	9		TEOTOS	52	UEOT2A	01	1	TT3	B3		10B		C09	
54165		XA523	21			XA522	25			16B	9		TEOTOS	53	TEOTOS	00	1	TQ2	B3		10B		END OF TAPE (EOT)	
54166		XA522	25			XA522	17			16B	9		TEOTOS	54	UEOT2R	01	2	TQ2	B4		12B		C09	
54167		XA522	17			XA505	10			16B	9		TEOTOS	55	TEOTOR	01	1	TQ2	B3		08B			
54168		XA505	10										TEOTOS	56	UBSY1A	01	2	TQ2	A1		07A		C09	
54169		XA525	21			XA522	19			16B	9		TEOT1A	51	TEOT1A	00	1	TD4	B2		10B			
54170		XA522	19										TEOT1A	52	TEOTOR	01	2	TQ2	B3		09B			
53138		XA551	22			XA545	25			16B	9		TEOT1DR	50										C09
58106		XA545	25										TEOT1DR	51				EXT DCE						

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	PREFIX	CONNECTOR	PIN	PLANE	PREFIX	CONNECTOR	PIN	PLANE	SIZE	MULTI GROUP	CODE	COLOR												IDENT			
53137		XA551	21			XA547	52					168	9					EXT					C09				
54171		XA547	52			XA545	27					168	9					RR4		E1							
54172		XA545	27												TE0T1DX400	1	DCF			B1	10B	EOT 1 RECEIVER					
54153		XA506	07			XA522	41					168	9		TE0T10X	01	2	TQ2	A3		03A		C09				
54154		XA522	41			XA522	40					168	9		TE0T10X	02	1	TQ2	D3		22B		C09				
54155		XA522	40			XA424	57					168	9		TE0T10X	03	1	TQ2	C1		19A		C09				
54156		XA424	57			XA423	29					168	9		TE0T10X	04	1	MUX	D2		29B		C09				
54180		XA423	29			XA422	35					168	9		TE0T10X	51	5	MUX	B1		13B						
54181		XA422	35			XA545	29					168	9		TE0T10X	52	1	MUX	C1		16B		C09				
54182		XA545	29												TE0T10X	53	1	DCF	B2		11B						
53021		XA549	52			XA545	42					168	9		TE0T3DR	50								B06			
58108		XA545	42												TE0T3DR	51					20B						
52987		XA549	14			XA545	21					168	9		TE0T4DR	50									B06		
58109		XA545	21												TE0T4DR	51					DCF						
54210		XA515	21			XA526	39					168	9		TFPE1A	51	1	TD4	B2		10B						
54211		XA526	39												TFPE1A	52	1	TDD	EQ		19B						
54212		XA502	22			XA519	21					168	9		TFPE2A	51	5	TS8	B1		12A						
54213		XA519	21												TFPE2A	52	1	TQ2	B3		10B						
53134		XA551	18			XA545	45					168	9		TFPR1DR	50									C09		
58099		XA545	45												TFPR1DR	51					DCF	27A					
53133		XA551	17			XA547	41					168	9		TFPR1DX4	50									C09		
54218		XA547	41			XA545	46					168	9		TFPR1DX4	51					RR4						
54219		XA545	46												TFPR1DX400	1	DCF			E5		25B	FILE PROTECT 1 REC				
54221		XA424	35			XA545	47					168	9		TFPR10X	52	1	MUX	C1		16B				C09		
54222		XA545	47			XA524	35					168	9		TFPR10X	53	1	DCF	C2		26B						
54216		XA524	35			XA515	24					168	9		TFPR10X	54	2	TI3	C3		17B				C09		
54215		XA515	24			XA507	05					168	9		TFPR10X	55	2	TD4	B1		13A				C09		
54214		XA507	05			XA517	47					168	9		TFPR10X	56	3	TS8	A1		03B				C09		
56158		XA517	47									168	9		TFPR10X	57	1	TQ2	D4		25B				C09		
52982		XA549	08	3		XA545	58	3				168	9		TFPR3DR	50									B06		
58100		XA545	58												TFPR3DR	51					DCF						
52984		XA549	10			XA545	44					168	9		TFPR4DR	50										B06	
58163		XA545	44												TFPR4DR	51					DCF						
54238		XA406	80			XA418	05					168	9		TFSTRA	51	1	TQ2	F4		39A						
54239		XA418	05												TFSTRA	52	3	TS8	A1		03B						
54240		XA418	76			XA410	60					168	9		TFSTOA	51	1	TS8	F1		37A	FLYING START					
																****	SIGNAL	IFSTOA	IS ON THE	NEXT PAGE	****						

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149017-800 STRING
CARD CAGE ASSY B, IFCU

UNIT ASSEMBLY NO. 149017
FILE IDENT T39C1FC7

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RECORD NUMBER	FROM			TO			WIRE				SFC IDENT	SIGNAL	SEQ NO	EQUATION	TERM	FACTOR	CKT OR CHIP TYPE	GROUP	LOAD OR POWER PLANE	TEST POINTS AND/OR	SIGNAL DESCRIPTION	ECO NO
	PREFIX	CONNECTOR	PIN	PREFIX	CONNECTOR	PIN	NO	MULTI GROUP	CODE	COLOR												
54241		XA410	60									TFST0A	52	TFST0S	01	2	TD4	E2		28A		
54242		XA409	50		XA410	55			16B	9		TFSTOR	51	TFSTOR	00	1	TT3	D1		23A		
54243		XA410	55									TFSTOR	52	TFSTQS	01	1	TD4	E2		29B		
54244		XA406	76		XA408	73			16B	9		TFSTOS	51	TFSTRA	01	1	TQ2	F4		37A		
54245		XA408	73		XA410	57			16B	9		TFSTOS	52	TFST1R	01	2	TQ2	F2		36B		
54246		XA410	57		XA409	52			16B	9		TFSTOS	53	TFSTQS	00	1	TD4	E2		30B	FLYING START COUNT	
54247		XA409	52		XA409	41			16B	9		TFSTOS	54	TFSTOR	01	1	TT3	D1		24A		
54248		XA409	41									TFSTOS	55	TFST2A	01	1	TT3	D2		22B		
54249		XA409	54		XA408	57			16B	9		TFST1A	51	TFSTOR	01	2	TT3	D1		25A		
54250		XA408	57									TFST1A	52	TFST1A	00	1	TQ2	E3		30B		
54251		XA406	78		XA406	71			16B	9		TFST1R	51	TFSTRA	01	2	TQ2	F4		38A		
54252		XA406	71		XA407	71			16B	9		TFST1R	52	TFST3A	01	1	TQ2	F2		36A		
54253		XA407	71		XA408	72			16B	9		TFST1R	53	TFST1S	01	1	TQ2	F2		36A		
54254		XA408	72									TFST1R	54	TFST1R	00	1	TQ2	F2		34A		
54255		XA407	72		XA408	71			16B	9		TFST1S	51	TFST1S	00	1	TQ2	F2		34A	FLYING START COUNT	
54256		XA408	71		XA409	45			16B	9		TFST1S	52	TFST1R	01	1	TQ2	F2		36A		
54257		XA409	45									TFST1S	53	TFST4A	01	1	TT3	D3		24B		
54258		XA407	73		XA409	43			16B	9		TFST2A	51	TFST1S	01	2	TQ2	F2		36B		
54259		XA409	43									TFST2A	52	TFST2A	00	1	TT3	D2		23B		
54260		XA409	80		XA407	65			16B	9		TFST2R	51	TFST2R	00	1	TT3	F3		39A		
54261		XA407	65									TFST2R	52	TFST2S	01	1	TQ2	F3		34B		
54262		XA408	53		XA407	69			16B	9		TFST2S	51	TFST1A	01	1	TQ2	E3		28B		
54263		XA407	69		XA409	69			16B	9		TFST2S	52	TFST2S	00	1	TQ2	F3		35A	FLYING START COUNT	
54264		XA409	69									TFST2S	53	TFST2R	01	1	TT3	F3		35A		
54265		XA406	72		XA409	76			16B	9		TFST3A	51	TFST3A	00	1	TQ2	F2		34A		
54266		XA409	76									TFST3A	52	TFST2R	01	2	TT3	F3		37A		
53781		XA525	68		XA407	74			16B	9		TFST4A	51	TSTR90	01	3	TD4	E1		32A		
54268		XA407	74		XA409	51			16B	9		TFST4A	52	TFST2S	01	2	TQ2	F3		35B		D04
54269		XA409	51									TFST4A	53	TFST4A	00	1	TT3	D3		27B		
51449		XA514	53		XA508	33			16B	9		TFST6A	50	THSPRQ	01	1	TDD	K0		28B		D01
53230		XA508	33		XA418	66			16B	9		TFST6A	51	TFST6A	00	1	TD4	C2		14B		
54271		XA418	66									TFST6A	52	TXXRC0	01	6	TS8	E1		31A		D04
54273		XA425	35		XA527	42			16B	9		THISPP	51	THISPP	00	1	TDD	EP		17B		
54274		XA527	42		XA524	49			16B	9		THISPP	52	TCSD00	01	8	TS8	C1		20A		
54275		XA524	49		XA508	10			16B	9		THISPP	53	TWRG00	01	3	TT3	D3		26B		
54276		XA508	10									THISPP	54	TNSGD0	01	3	TD4	A1		07A		
54277		XA425	37		XA515	30			16B	9		THISPQ	51	THISPQ	00	1	TDD	F0		18B	NEW SPEED F/F	B10
									****		SIGNAL	THISPQ		IS ON THE					****			

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DRAWING NUMBER
UNIT ASSEMBLY NAME

149017-800
CARD CAGE ASSY B, IFCU

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	PREFIX	CONNECTOR	PIN	OR	PREFIX	CONNECTOR	PIN	OR	MULTI GROUP	CODE	COLOR	IDENT												
54314		XA502	50			XA514	47			168	9		TKA01P	52	TRMROA	01	5	TS8	D1		23A			
54315		XA514	47			XA524	69			168	9		TKA01P	53	TKA01P	00	1	TDD	GP		25B			
54316		XA524	69										TKA01P	54	TTRSCA	01	1	TT3	F3		35A			
54317		XA504	07			XA504	22			168	9		TKA01Q	51	TRTDOA	01	5	TS8	A1		03A			
54318		XA504	22			XA503	34			168	9		TKA01Q	52	TRTD1A	01	5	TS8	B1		12A			
54319		XA503	34			XA504	37			168	9		TKA01Q	53	TRTDPA	01	3	TS8	C1		16A			
54320		XA504	37			XA504	50			168	9		TKA01Q	54	TRTD2A	01	5	TS8	C1		18B			
54321		XA504	50			XA510	75			168	9		TKA01Q	55	TRTD3A	01	5	TS8	D1		23A			
54322		XA510	75			XA514	49			168	9		TKA01Q	56	TCRSCA	00	1	TT3	F1		37B			
54323		XA514	49			XA526	68			168	9		TKA01Q	57	TKA01Q	00	1	TDD	GQ		26B	BYTE TIMING COUNTEA02	A02	
54621		XA526	68			XA437	74			168	9		TKA01Q	58	TKA02I	01	1	TDD	JT		32A			
54325		XA437	74										TKA01Q	59	TDRSCA	01	4	TS8	F1		35B			
54326		XA412	75			XA503	05			168	9		TKA010	51	TKA010	00	1	TQ2	F1		37B			
54327		XA503	05										TKA010	52	TNSGOA	01	3	TS8	A1		03B			
54328		XA437	75			XA526	59			168	9		TKA02P	51	TDRSCA	01	5	TS8	F1		37B		A02	
54633		XA526	59			XA514	54			168	9		TKA02P	52	TKA02P	00	1	TDD	JP		31B		A02	
54330		XA514	54			XA513	56			168	9		TKA02P	53	TKA01I	01	1	IDD	GI		25A			
54331		XA513	56			XA510	77			168	9		TKA02P	54	TKA00N	01	1	TDD	GN		26A			
54332		XA510	77			XA503	06			168	9		TKA02P	55	TCRSCA	01	2	TT3	F1		38B			
54333		XA503	06										TKA02P	56	TNSGOA	01	4	TS8	A1		05A			
54334		XA504	08			XA504	24			168	9		TKA02Q	51	TRTDOA	01	6	TS8	A1		06A			
54335		XA504	24			XA504	38			168	9		TKA02Q	52	TRTD1A	01	6	TS8	B1		13A			
54336		XA504	38			XA503	36			168	9		TKA02Q	53	TRTD2A	01	6	TS8	C1		18A			
54337		XA503	36			XA502	52			168	9		TKA02Q	54	TRTDPA	01	4	TS8	C1		17A			
54338		XA502	52			XA504	52			168	9		TKA02Q	55	TRMROA	01	6	TS8	D1		24A			
54339		XA504	52			XA505	53			168	9		TKA02Q	56	TRTD3A	01	6	TS8	D1		24A			
54340		XA505	53			XA524	76			168	9		TKA02Q	57	TKBCPO	01	1	TQ2	E3		28B			
54341		XA524	76			XA526	61			168	9		TKA02Q	58	TTRSCA	01	2	TT3	F3		37A		A02	
54642		XA526	61										TKA02Q	59	TKA02Q	00	1	TDD	JQ		32B	BUFFER TIMING COUNA02	A02	
54343		XA513	46			XA514	46			168	9		TKBCPO	51	TKB00N	01	1	TDD	HN		21A			
54344		XA514	46			XA514	70			168	9		TKBCPO	52	TKB01N	01	1	TDD	HN		21A			
54345		XA514	70			XA513	70			168	9		TKBCPO	53	TKC00N	01	1	TDD	JN		33A			
54346		XA513	70			XA513	60			168	9		TKBCPO	54	TKC01N	01	1	TDD	JN		33A			
54347		XA513	60			XA505	57			168	9		TKBCPO	55	TKC02N	01	1	TDD	KN		28A			
54348		XA505	57										TKBCPO	56	TKBCPO	00	1	TQ2	F3		30B			
54349		XA513	50			XA514	50			168	9		TKBRSA	51	TKB00P	01	1	TDD	HP		23A			
54350		XA514	50			XA514	66			168	9		TKBRSA	52	TKB01P	01	1	TDD	HP		23A			
54351		XA514	66			XA513	66			168	9		TKBRSA	53	TKC00P	01	1	TDD	JP		31A			
54352		XA513	66			XA513	64			168	9		TKBRSA	54	TKC01P	01	1	TDD	JP		31A			
54353		XA513	64			XA505	60			168	9		TKBRSA	55	TKC02P	01	1	TDD	KP		30A			
54354		XA505	60										TKBRSA	56	TKBRSA	00	1	TQ2	E2		28A			
54355		XA508	57			XA505	62			168	9		TKBRSA	51	TKBRSA	00	1	TD4	E2		30B			
54356		XA505	62										TKBRSA	52	TKBRSA	01	1	TQ2	E2		29A			

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149017-800
CARD CAGE ASSY B, IFCU

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	PREFIX	CONNECTOR	PIN	POS	PREFIX	CONNECTOR	PIN	POS	MULTI GROUP	CODE	COLOR	IDENT										
54357		XA504	05		XA502	48				16B	9		TKB00P	51	TRTDOA	01	3	TS8	A1		03B	
54358		XA502	48		XA504	48				16B	9		TKB00P	52	TRMROA	01	3	TS8	D1		22A	
54359		XA504	48		XA513	45				16B	9		TKB00P	53	TRTD3A	01	3	TS8	D1		22A	
54360		XA513	45		XA437	72				16B	9		TKB00P	54	TKB00P	00	1	TDD	HP		24B	
54361		XA437	72										TKB00P	55	TDRSCA	01	2	TS8	F1		34A	
54362		XA504	19		XA504	34				16B	9		TKB00Q	51	TRTD1A	01	3	TS8	B1		09B	
54363		XA504	34		XA513	43				16B	9		TKB00Q	52	TRTD2A	01	3	TS8	C1		16A	
54364		XA513	43		XA514	48				16B	9		TKB00Q	53	TKB00Q	00	1	TDD	HQ		23B	BYTE COUNTER BIT 0
54365		XA514	48										TKB00Q	54	TKB01I	01	1	TDD	HI		22A	
54366		XA504	06		XA504	20				16B	9		TKB01P	51	TRTDOA	01	4	TS8	A1		05A	
54367		XA504	20		XA513	48				16B	9		TKB01P	52	TRTDIA	01	4	TS8	B1		11A	
54368		XA513	48		XA514	45				16B	9		TKB01P	53	TKB00I	01	1	TDD	HT		22A	
54369		XA514	45		XA437	73				16B	9		TKB01P	54	TKB01P	00	1	TDD	HP		24B	
54370		XA437	73										TKB01P	55	TDRSCA	01	3	TS8	F1		36B	
54371		XA502	49		XA504	49				16B	9		TKB01Q	51	TRMROA	01	4	TS8	D1		26B	
54372		XA504	49		XA504	36				16B	9		TKB01Q	52	TRTD3A	01	4	TS8	D1		26B	
54373		XA504	36		XA514	43				16B	9		TKB01Q	53	TRTD2A	01	4	TS8	C1		17A	
54374		XA514	43										TKB01Q	54	TKB01Q	00	1	TDD	HQ		23B	BYTE COUNTER BIT 1
54375		XA503	01		XA510	76				16B	9		TKCOOP	51	TNSGOA	01	1	TS8	A1		02B	
54376		XA510	76		XA514	59				16B	9		TKCOOP	52	TTMDOA	01	2	TT3	F3		37A	
54377		XA514	59										TKCOOP	53	TKCOOP	00	1	TDD	JP		31B	
54378		XA513	68		XA514	61				16B	9		TKCOOQ	51	TKC01I	01	1	TDD	JI		32A	
54379		XA514	61										TKCOOQ	52	TKC00Q	00	1	TDD	JQ		32B	FIRST BYTE COUNTER
54380		XA406	41		XA412	71				16B	9		TKC01P	51	TKC290	01	1	TQ2	D3		22B	
54381		XA412	71		XA513	59				16B	9		TKC01P	52	TKC29A	01	1	TQ2	F2		36A	
54382		XA513	59										TKC01P	53	TKC01P	00	1	TDD	JP		31B	
54383		XA510	78		XA513	61				16B	9		TKC01Q	51	TTMDOA	01	3	TT3	F3		38A	
54384		XA513	61										TKC01Q	52	TKC01Q	00	1	TDD	JQ		32B	FIRST BYTE COUNTER
54385		XA514	68		XA513	57				16B	9		TKC02P	51	TKC00I	01	1	TDD	JI		32A	
54386		XA513	57		XA503	04				16B	9		TKC02P	52	TKC02P	00	1	TDD	KP		30B	
54387		XA503	04										TKC02P	53	TNSGOA	01	2	TS8	A1		04A	
54388		XA412	73		XA513	55				16B	9		TKC02Q	51	TKC29A	01	2	TQ2	F2		36B	
54389		XA513	55										TKC02Q	52	TKC02Q	00	1	TDD	KQ		29B	FIRST BYTE COUNTER
54390		XA406	43		XA412	72				16B	9		TKC29A	51	TKC290	01	2	TQ2	D3		23B	
54391		XA412	72										TKC29A	52	TKC29A	00	1	TQ2	F2		34A	
54392		XA513	62		XA406	45				16B	9		TKC290	51	TKC02I	01	1	TDD	KI		29A	
54393		XA406	45										TKC290	52	TKC290	00	1	TQ2	D3		24B	

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DRAWING NUMBER
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RECORD NUMBER	FROM				TO				WIRE				SIGNAL	SEQ NO	EQUATION	TERM	FACTOR	CKT OR CHIP TYPE	GROUP	LOAD OR POWER PLANE	TEST POINTS AND OR	SIGNAL DESCRIPTION	ECO NO
	PREFIX	CONNECTOR	PIN	Q/A	PREFIX	CONNECTOR	PIN	Q/A	MULTI GROUP	CODE	COLOR	IDENT											
54394 54395		XA505 XA513	51 52			XA513	52			16B	9		TKR50A TKR50A	51 52	TKR50A TKA00P	00 01	1 1	TQ2 TDD	D4 GP		27B 24A	START BYTE TIMING	
54396 54397		XA506 XA505	52 47			XA505	47			16B	9		TKR500 TKR500	51 52	TKR500 TKR50A	00 01	1 1	TQ2 TQ2	D1 D4		24A 25B		
54398 54399		XA505 XA506	46 56			XA506	56			16B	9		TKR51A TKR51A	51 52	TKR51A TKR500	00 01	1 2	TQ2 TQ2	D2 D1		21A 26A		
54400 54401		XA503 XA505	59 48			XA505	48			16B	9		TKR510 TKR510	51 52	TKR510 TKR51A	00 01	1 1	TS8 TQ2	F1 D2		31B 22A		
54402 54403		XA418 XA407	06 80			XA407	80			16B	9		TLADRA TLADRA	51 52	TCR500 TLADRA	01 00	4 1	TS8 TQ2	A1 F4		05A 39A		
54404 54405		XA509 XA505	73 31			XA505	31			16B	9		TLAD0A TLAD0A	51 52	TLAD0A TLAD1S	00 01	1 2	TT3 TQ2	F1 C3		36B 15B		
54406 54407 54408		XA518 XA510 XA509	68 65 74			XA510 XA509	65 74			16B 16B	9 9		TLAD0R TLAD0R TLAD0R	51 52 53	TRENOR TLAD0S TLAD0R	01 01 00	2 1 1	TT3 TT3 TT3	E1 F2 F2		32A 34B 35B		
54409 54410 54411 54412 54413		XA407 XA506 XA509 XA509 XA510	76 36 65 75 74			XA506 XA509 XA509 XA510	36 65 75 74			16B 16B 16B 16B	9 9 9 9		TLAD0S TLAD0S TLAD0S TLAD0S TLAD0S	51 52 53 54 55	TLADRA TLAD1R TLAD0R TLAD0A TLAD0S	01 01 01 01 00	1 2 1 1 1	TQ2 TQ2 TT3 TT3 TT3	F4 C2 F2 F1 F2		37A 17A 34B 37B 35B	LOOK AHEAD DELAY C	
54414 54415		XA509 XA506	71 39			XA506	39			16B	9		TLAD1A TLAD1A	51 52	TLAD0R TLAD1A	01 00	2 1	TT3 TQ2	F2 C4		36A 19B		
54416 54417 54418 54419		XA505 XA505 XA506 XA407	35 29 30 78			XA505 XA506 XA407	29 30 78			16B 16B 16B	9 9 9		TLAD1R TLAD1R TLAD1R TLAD1R	51 52 53 54	TLAD3A TLAD1S TLAD1R TLADRA	01 01 00 01	1 1 1 2	TQ2 TQ2 TQ2 TQ2	C4 C3 C2 F4		17B 14B 15A 38A		
54420 54421 54422		XA509 XA506 XA505	52 34 33			XA506 XA505	34 33			16B 16B	9 9		TLAD1S TLAD1S TLAD1S	51 52 53	TLAD2A TLAD1R TLAD1S	01 01 00	1 1 1	TT3 TQ2 TQ2	D1 C2 C3		24A 16A 16B	LOOK AHEAD DELAY C	
54423 54424 54425		XA518 XA509 XA506	59 50 05			XA509 XA506	50 05			16B 16B	9 9		TLAD2A TLAD2A TLAD2A	51 52 53	TLAD2S TLAD2A TLAD3S	01 00 01	2 1 2	TT3 TT3 TQ2	E3 D1 A2		31B 23A 03B		
51525 54426 54427		XA502 XA506 XA518	78 06 57			XA506 XA518	06 57			16B 16B	9 9		TLAD2R TLAD2R TLAD2R	01 51 52	TINT6A TLAD2R TLAD2S	01 00 01	7 1 1	TS8 TQ2 TT3	F1 A1 E3		38A 05A 30B	C13	
										****		SIGNAL	TLAD2S		IS ON THE	NEXT PAGE	****						

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	PREFIX	CONNECTOR	PIN	DR PG	PREFIX	CONNECTOR	PIN	DR PG	MULTI GROUP	CODE	COLOR	IDENT												SPEC INST
54428		XA518	63		XA502	36				168	9			TLAD2S	51	TLAD2S	00	1	TT3	E3		33B	LOOK AHEAD DELAY C	
54429		XA502	36		XA506	35				168	9			TLAD2S	52	TSNCOA	01	4	TS8	C1		17A		
54430		XA506	35		XA506	08				168	9			TLAD2S	53	TLAD1A	01	1	TQ2	C4		17B		
54431		XA506	08											TLAD2S	54	TLAD2R	01	1	TQ2	A1		06A		
54432		XA509	40		XA505	39				168	9			TLAD3A	51	TLAD3R	01	2	TT3	C1		19A		
54433		XA505	39											TLAD3A	52	TLAD3A	00	1	TQ2	C4		19B		
54434		XA506	04		XA509	36				168	9			TLAD3R	51	TLAD3S	01	1	TQ2	A2		04A		
54435		XA509	36											TLAD3R	52	TLAD3R	00	1	TT3	C1		17A		
54436		XA409	53		XA506	01				168	9			TLAD3S	51	TSTP2A	01	1	TT3	E2		28B		
54437		XA506	01		XA509	38				168	9			TLAD3S	52	TLAD3S	00	1	TQ2	A2		02B	LOOK AHEAD DELAY C	
54438		XA509	38											TLAD3S	53	TLAD3R	01	1	TT3	C1		18A		
54439		XA517	43		XA515	11				168	9			TLCCOA	51	TLCCOS	01	2	TQ2	D3		23B		
54440		XA515	11											TLCCOA	52	TLCCOA	00	1	TD4	A1		05B		
54441		XA507	31		XA517	41				168	9			TLCCOR	51	TWR00A	01	2	TS8	C1		15B		
54442		XA517	41		XA518	36				168	9			TLCCOR	52	TLCCOS	01	1	TQ2	D3		22B		
54443		XA518	36		XA521	48				168	9			TLCCOR	53	TLCCOR	00	1	TT3	C1		17A		
54444		XA521	48											TLCCOR	54	TWTOCA	01	3	TS8	D1		22A		
54445		XA518	38		XA517	45				168	9			TLCCOS	51	TLCCOR	01	1	TT3	C1		18A		
54446		XA517	45		XA515	71				168	9			TLCCOS	52	TLCCOS	00	1	TQ2	D3		24B	WRITE LRC CHAR COU	
54447		XA515	71		XA504	55				168	9			TLCCOS	53	TLCC2A	01	1	TD4	F2		36A		
54448		XA504	55											TLCCOS	54	TWR11A	01	1	TS8	E1		29B		
54449		XA524	59		XA518	40				168	9			TLCC1A	51	TLCC1R	01	2	TT3	E3		31B		
54450		XA518	40		XA512	27				168	9			TLCC1A	52	TLCCOR	01	2	TT3	C1		19A		
54451		XA512	27											TLCC1A	53	TLCC1A	00	1	TQ2	B4		13B		
54452		XA525	55		XA524	63				168	9			TLCC1R	51	TLCC1S	01	1	TD4	E2		29B		
54453		XA524	63		XA518	78				168	9			TLCC1R	52	TLCC1R	00	1	TT3	E3		33B		
54454		XA518	78											TLCC1R	53	UWRIC0	01	3	TT3	F3		38A		C09
54455		XA512	77		XA511	61				168	9			TLCC1S	51	TLRCRA	01	1	TQ2	F1		38B		
54456		XA511	61		XA518	41				168	9			TLCC1S	52	TLCC2R	01	2	TQ2	F4		32B		
54457		XA518	41		XA524	57				168	9			TLCC1S	53	TLCC4A	01	1	TT3	D2		22B		
54458		XA524	57		XA525	57				168	9			TLCC1S	54	TLCC1R	01	1	TT3	F3		30B		
54459		XA525	57											TLCC1S	55	TLCC1S	00	1	TD4	E2		30B		WRITE LRC CHAR COU
54460		XA525	60		XA515	69				168	9			TLCC2A	51	TLCC1S	01	2	TD4	E2		28A		
54461		XA515	69											TLCC2A	52	TLCC2A	00	1	TD4	F2		35A		
54462		XA512	53		XA512	59				168	9			TLCC2R	51	TLCC2S	01	1	TQ2	F3		28B		
54463		XA512	59		XA511	63				168	9			TLCC2R	52	TLCC3A	01	1	TQ2	E4		31B		
54464		XA511	63		XA512	79				168	9			TLCC2R	53	TLCC2R	00	1	TQ2	F4		33B		
54465		XA512	79											TLCC2R	54	TLRCRA	01	2	TQ2	F1		39B		
										****	SIGNAL	TLCC2S	IS ON THE NEXT PAGE					****						

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DRAWING NUMBER
UNIT ASSEMBLY NAME

149017-800
CARD CAGE ASSY B, IFCU

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	PREFIX	CONNECTOR	PIN	OR	PREFIX	CONNECTOR	PIN	OR	MULTI GROUP	CODE	COLOR	IDENT												
54466		XA511	59		XA512	57				16B	9		TLCC2S	51	TLCC2R	01	1	TQ2	E4		31B			
54467		XA512	57		XA518	45				16B	9		TLCC2S	52	TLCC2S	00	1	TQ2	E3		30B	WRITE IRC CHAR COU		
54468		XA518	45		XA524	77				16B	9		TLCC2S	53	TLCC6A	01	1	TT3	D3		24B			
54469		XA524	77										TLCC2S	54	UM5BCA	01	2	TT3	F1		38B		C09	
54471		XA510	68		XA512	63				16B	9		TLCC3A	51	TLCC3R	01	2	TT3	F1		32A			
54472		XA512	63										TLCC3A	52	TLCC3A	00	1	TQ2	E4		33B			
57918		XA525	78		XA511	53				16B	9		TLCC3R	01	TWLRC0	01	3	TD4	F1		36A		C09	
54473		XA511	53		XA510	64				16B	9		TLCC3R	51	TLCC3S	00	1	TQ2	E3		28B			
54474		XA510	64										TLCC3R	52	TLCC3R	00	1	TT3	E1		30A			
54475		XA510	66		XA511	57				16B	9		TLCC3S	51	TLCC3R	01	1	TT3	E1		31A			
54476		XA511	57		XA512	23				16B	9		TLCC3S	52	TLCC3S	00	1	TQ2	E3		30B	WRITE IRC CHAR COU		
54477		XA512	23										TLCC3S	53	TLCC1A	01	1	TQ2	B4		11B			
54478		XA518	43		XA512	55				16B	9		TLCC4A	51	TLCC4A	00	1	TT3	D2		23B			
54479		XA512	55										TLCC4A	52	TLCC2S	01	2	TQ2	E3		29B			
54480		XA511	55		XA518	51				16B	9		TLCC6A	51	TLCC3S	01	2	TQ2	E3		29B			
54481		XA518	51										TLCC6A	52	TLCC6A	00	1	TT3	D3		27B			
54482		XA503	52		XA523	24				16B	9		TLPTBR	51	TSBZY0	01	6	TS8	D1		24A			
54483		XA523	24		XA524	20				16B	9		TLPTBR	52	TLPTBS	01	1	TQ2	B1		13A			
54484		XA524	20										TLPTBR	53	TLPTBR	00	1	TT3	B1		11A			
54485		XA524	22		XA523	22				16B	9		TLPTBS	51	TLPTBR	01	1	TT3	B1		12A		B01	
54486		XA523	22										TLPTBS	52	TLPTBS	00	1	TQ2	B1		12A	LOOP TEST BUSY E/F		
54487		XA414	71		XA413	74				16B	9		TLPTQ0	51	TLPT1T	01	1	TDD	MT		36A			
54488		XA413	74										TLPTQ0	52	TLPTQ0	00	1	TDD	MQ		35B	LOOP TEST COUNT BI		
54489		XA522	46		XA519	56				16B	9		TLPT1A	51	TLPT1A	00	1	TQ2	D2		21A			
54490		XA519	56		XA519	50				16B	9		TLPT1A	52	TBCP40	01	2	TQ2	D1		26A			
54491		XA519	50		XA519	49				16B	9		TLPT1A	53	TBCP50	01	2	TQ2	D2		23A			
54492		XA519	49		XA519	43				16B	9		TLPT1A	54	TBCP70	01	2	TQ2	D4		26B			
54493		XA519	43		XA519	42				16B	9		TLPT1A	55	TBCP60	01	2	TQ2	D3		23B			
54494		XA519	42		XA519	36				16B	9		TLPT1A	56	TBCP00	01	2	TQ2	C1		20A			
54495		XA519	36		XA519	37				16B	9		TLPT1A	57	TBCP10	01	2	TQ2	C2		17A			
54496		XA519	37		XA519	31				16B	9		TLPT1A	58	TBCP30	01	2	TQ2	C4		18B			
54497		XA519	31		XA415	65				16B	9		TLPT1A	59	TBCP20	01	2	TQ2	C3		15B			
54498		XA415	65		XA413	72				16B	9		TLPT1A	60	TLPT2Q	01	1	TDD	MQ		34B			
54499		XA413	72										TLPT1A	61	TLPTON	01	1	TDD	MN		34A			
54500		XA522	48		XA414	74				16B	9		TLPT1Q	51	TLPT1A	01	1	TQ2	D2		22A			
54501		XA414	74										TLPT1Q	52	TLPT1Q	00	1	TDD	MQ		35B	LOOP TEST COUNT BI		
54502		XA416	71		XA415	74				16B	9		TLPT2Q	51	TLPT3I	01	1	TDD	MI		36A			
54503		XA415	74										TLPT2Q	52	TLPT2Q	00	1	TDD	MQ		35B	LOOP TEST COUNT BI		
										****	SIGNAL	TLPT3Q			IS ON THE	NEXT PAGE	****							

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149017-800
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	PREFIX	CONNECTOR	PIN	IN IFCU	PREFIX	CONNECTOR	PIN	IN IFCU	MULTI GROUP	CODE	COLOR	IDENT												
51340 54505		XA432 XA416	23 74			XA416 74				16B	9		TLPT3Q TLPT3Q	51 52	TLPT5A TLPT3Q	01 00	1 1	TQ2 TDD	B4 M0		11B 35B	LOOP TEST COUNT BIT		
54506 54507		XA524 XA523	15 03			XA523 03				16B	9		TLPT4R TLPT4R	51 52	TLPT4R TLPT4S	00 01	1 1	TT3 TQ2	A3 A3		07B 02A			
54508 54509 54510		XA516 XA523 XA524	62 09 09			XA523 XA524 09				16B	9		TLPT4S TLPT4S TLPT4S	51 52 53	TLTE0A TLPT4S TLPT4R	01 00 01	1 1 1	TQ2 TQ2 TT3	E2 A3 A3		29A 04B 04B	LOOP TEST COUNT BIT		
54511 54512 54513 54514 54515 54516 54517 54518		XA519 XA519 XA519 XA519 XA519 XA519 XA519 XA519	78 79 73 74 70 64 61 55			XA519 XA519 XA519 XA519 XA519 XA519 XA415 XA415	79 73 74 70 64 61 55 72			16B	9		TLPT5A TLPT5A TLPT5A TLPT5A TLPT5A TLPT5A TLPT5A TLPT5A	51 52 53 54 55 56 57 58	TRCP70 TRCP40 TRCP50 TRCP60 TRCP00 TRCP10 TRCP30 TRCP20	01 01 01 01 01 01 01 01	2 2 2 2 2 2 2 2	TQ2 TQ2 TQ2 TQ2 TQ2 TQ2 TQ2 TQ2	F4 F1 F2 F3 E1 E2 E4 E3		38A 39B 36B 35B 33A 30A 32B 29B			
54519 54520 54521 53218		XA415 XA418 XA523 XA432	72 61 07 27			XA418 XA523 XA432 27	61 07 27			16B	9		TLPT5A TLPT5A TLPT5A TLPT5A	59 60 61 62	TLPT2N TXRC0 TLPT4S TLPT5A	01 01 01 00	1 3 2 1	TDD TS8 TQ2 TQ2	MN E1 A3 B4		34A 32B 03A 13B			
54523 54524		XA507 XA407	47 53			XA407 53				16B	9		TLRCAA TLRCAA	51 52	TLRCAA TLRCA0	00 01	1 1	TS8 TQ2	D1 E3		25B 28B			
54525 54526		XA408 XA407	61 57			XA407 57				16B	9		TLRCA0 TLRCA0	51 52	TLRCBA TLRCA0	01 00	2 1	TQ2 TQ2	E4 E3		32B 30B			
54527 54528 54529		XA505 XA508 XA408	40 18 63			XA508 XA408 63	18 63			16B	9		TLRCBA TLRCBA TLRCBA	51 52 53	TLRCB0 TNSGJA TLRCBA	01 01 00	1 2 1	TQ2 TD4 TQ2	C1 B2 E4		19A 10A 33B	LRC REG ALL ONE		
54532 54533		XA518 XA516	50 48			XA516 48	48			16B	9		TLRCCA TLRCCA	51 52	TLRCCA TLRCS0	00 01	1 1	TT3 TQ2	D1 D2		23A 22A			
54534 54535		XA515 XA518	09 52			XA518 52	52			16B	9		TLRCC0 TLRCC0	51 52	TLRCC0 TLRCCA	00 01	1 1	TD4 TT3	A2 D1		04B 24A			
54536 54537		XA541 XA540	18 50			XA540 50				16B	9		TLRCPER TLRCPER	51 52	TLRCP1 TLRCPER	01 00	1 1	TDD EOR	D1 D4		10A 23A			
54538 54539 54540		XA540 XA541 XA408	48 19 59			XA541 XA408 59	19 59			16B	9		TLRCPQ TLRCPQ TLRCPQ	51 52 53	TLRCPER TLRCPQ TLRCBA	01 00 01	1 1 1	EOR TDD TQ2	D4 D0 E4		22A 09B 31B	LRC REG BIT P		
54541 54542		XA512 XA410	75 08			XA410 08	08			16B	9		TLRCRA TLRCRA	51 52	TLRCRA TGRS70	00 01	1 2	TQ2 TD4	F1 A1		37B 06A			
54543		XA541	80			XA541	65			16B	9		TLRCSA	51	TLRC6Q	01	1	TDD	I0		39A			
										****		SIGNAL	(TLRCSA)		IS ON THE								NEXT PAGE	****

TM 11-5895-856-34-15/EE640-CA-MMI-150/E154 CPU/TO 31W2-2T-122-15

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 UNIT ASSEMBLY NAME

149017-800
 CARD CAGE ASSY B, IFCU

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 FILE IDENT

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	PREFIX	CONNECTOR	PIN	OR	PREFIX	CONNECTOR	PIN	OR	SR	MULTI GROUP	CODE	COLOR											
54544		XA541	65		XA541	63					168	9		TLRCSA	52	TLRC70	01	1	TDD	MQ		34B	
54545		XA541	63		XA541	53					168	9		TLRCSA	53	TLRC40	01	1	TDD	JQ		33B	
54546		XA541	53		XA541	51					168	9		TLRCSA	54	TLRC50	01	1	TDD	KQ		28B	
54547		XA541	51		XA541	41					168	9		TLRCSA	55	TLRC20	01	1	TDD	GQ		27B	
54548		XA541	41		XA541	39					168	9		TLRCSA	56	TLRC30	01	1	TDD	HQ		22B	
54549		XA541	39		XA541	29					168	9		TLRCSA	57	TLRC00	01	1	TDD	FQ		19B	
54550		XA541	29		XA541	17					168	9		TLRCSA	58	TLRC10	01	1	TDD	DQ		14B	
54551		XA541	17		XA517	38					168	9		TLRCSA	59	TLRCP0	01	1	TDD	DQ		08B	
54552		XA517	38											TLRCSA	60	TLRCSA	00	1	TQ2	C1		18A	
54553		XA516	46		XA517	40					168	9		TLRCS0	51	TLRCS0	00	1	TQ2	D2		21A	
54554		XA517	40											TLRCS0	52	TLRCSA	01	1	TQ2	C1		19A	
54555		XA540	59		XA541	40					168	9		TLRC0ER	51	TLRC0ER	00	1	EOR	F1		30B	
54556		XA541	40											TLRC0ER	52	TLRC0I	01	1	TDD	EI		19A	
54557		XA507	43		XA540	55					168	9		TLRC0Q	51	TLRCAA	01	1	TS8	D1		23B	
54558		XA540	55		XA541	37					168	9		TLRC0Q	52	TLRC0ER	01	1	EOR	F1		29B	
54559		XA541	37											TLRC0Q	53	TLRC00	00	1	TDD	EQ		18B	LRC REG BIT 0
54560		XA541	34		XA540	65					168	9		TLRC1ER	51	TLRC1I	01	1	TDD	FI		16A	
54561		XA540	65											TLRC1ER	52	TLRC1ER	00	1	EOR	E2		33B	
54562		XA507	46		XA540	63					168	9		TLRC1Q	51	TLRCAA	01	2	TS8	D1		21A	
54563		XA540	63		XA541	31					168	9		TLRC1Q	52	TLRC1ER	01	1	EOR	E2		32B	
54564		XA541	31											TLRC1Q	53	TLRC1Q	00	1	TDD	FQ		15B	LRC REG BIT 1
54565		XA541	54		XA540	68					168	9		TLRC2ER	51	TLRC2I	01	1	TDD	GI		25A	
54566		XA540	68											TLRC2ER	52	TLRC2ER	00	1	EOR	E3		33A	
54567		XA540	66		XA541	49					168	9		TLRC2Q	51	TLRC2ER	01	1	EOR	E3		32A	
54568		XA541	49		XA507	48					168	9		TLRC2Q	52	TLRC20	00	1	TDD	GQ		26B	LRC REG BIT 2
54569		XA507	48											TLRC2Q	53	TLRCAA	01	3	TS8	D1		22A	
54570		XA541	48		XA540	62					168	9		TLRC3ER	51	TLRC3I	01	1	TDD	HI		22A	
54571		XA540	62											TLRC3ER	52	TLRC3ER	00	1	EOR	F4		30A	
54572		XA540	60		XA541	43					168	9		TLRC3Q	51	TLRC3ER	01	1	EOR	F4		29A	
54573		XA541	43		XA507	49					168	9		TLRC3Q	52	TLRC3Q	00	1	TDD	HQ		23B	LRC REG BIT 3
54574		XA507	49											TLRC3Q	53	TLRCAA	01	4	TS8	D1		26B	
54575		XA541	68		XA540	73					168	9		TLRC4ER	51	TLRC4I	01	1	TDD	JI		32A	
54576		XA540	73											TLRC4ER	52	TLRC4ER	00	1	EOR	F1		36B	
54577		XA540	71		XA541	61					168	9		TLRC4Q	51	TLRC4ER	01	1	EOR	F1		35B	
54578		XA541	61		XA507	50					168	9		TLRC4Q	52	TLRC40	00	1	TDD	JQ		32B	LRC REG BIT 4
54579		XA507	50											TLRC4Q	53	TLRCAA	01	5	TS8	D1		23A	
54580		XA541	62		XA540	79					168	9		TLRC5ER	51	TLRC5I	01	1	TDD	KI		29A	
54581		XA540	79											TLRC5ER	52	TLRC5ER	00	1	EOR	F2		39B	

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	PREFIX	CONNECTOR	PIN	SH PC	PREFIX	CONNECTOR	PIN	SH PC	MULTI GROUP	CODE	COLOR	IDENT											
54582		XA540	77		XA541	55							TLRC5Q	51	TLRC5ER	01 1	EOR	F2		38B			
54583		XA541	55		XA507	52							TLRC5Q	52	TLRC5Q	00 1	TDD	K0		29B	LRC REG BIT 5		
54584		XA507	52										TLRC5Q	53	TLRCAA	01 6	TS8	D1		24A			
54585		XA541	77		XA540	80							TLRC6ER	51	TLRC6I	01 1	TDD	LI		38B			
54586		XA540	80										TLRC6ER	52	TLRC6ER	00 1	EOR	F3		39A			
54587		XA507	54		XA540	78							TLRC6Q	51	TLRCAA	01 7	TS8	D1		25A			
54588		XA540	78		XA541	78							TLRC6Q	52	TLRC6ER	01 1	EOR	F3		38A			
54589		XA541	78										TLRC6Q	53	TLRC6Q	00 1	TDD	L0		38A	LRC REG BIT 6		
54592		XA507	56		XA541	74							TLRC7Q	51	TLRCAA	01 8	TS8	D1		26A		D01	
54594		XA541	74		XA428	54							TLRC7Q	53	TLRC7Q	00 1	TDD	M0		35B	LRC REG BIT 7	D01	
54123		XA428	54										TLRC7Q	54	TLRC7Q	01 1	TQ2	D1		25A		D01	
54590		XA541	71		XA428	52							TLRC7Q	01	TLRC7I	01 1	TDD	MI		36A		D01	
54134		XA428	52										TLRC7Q	02	TLRC7Q	00 1	TQ2	D1		24A		D01	
54595		XA428	13		XA516	60							TLTEOA	51	TXXDDO	01 2	TQ2	A4		06B			
54596		XA516	60										TLTEOA	52	TLTEOA	00 1	TQ2	E2		28A			
52996		XA549	24		XA549	42							TMALFDR	51				EXT					B06
53012		XA549	42		XA549	46							TMALFDR	52				EXT					B06
53015		XA549	46		XA549	48							TMALFDR	53				EXT					B06
53017		XA549	48		XA446	32							TMALFDR	54				EXT					B06
58304		XA446	32										TMALFDR	55				DCF					B06
54601		XA517	62		XA515	57							TMCP0A	51	TMCP00	01 1	TQ2	E2		29A			
54602		XA515	57										TMCP0A	52	TMCP0A	00 1	TD4	E2		30B			
54603		XA514	30		XA517	60							TMCP00	51	TMWCBN	01 1	TDD	FN		15A			
54604		XA517	60										TMCP00	52	TMCP00	00 1	TQ2	E2		28A			
54605		XA517	66		XA514	36							TMRS0A	51	TMRS0A	00 1	TQ2	E1		31A			
54606		XA514	36		XA510	34							TMRS0A	52	TMWCBP	01 1	TDD	FP		17A			
57257		XA510	34		XA510	37							TMRS0A	53	TWRQ2R	01 3	TT3	C2		16A			
57256		XA510	37										TMRS0A	54	TWRQ3R	01 3	TT3	C3		18B			
54607		XA524	64		XA517	68							TMRS00	51	TMRS00	00 1	TT3	E1		30A			
54608		XA517	68										TMRS00	52	TMRS0A	01 1	TQ2	E1		32A			
54609		XA504	61		XA510	11							TMWCBP	51	TWR11A	01 3	TS8	E1		32B			
54610		XA510	11		XA514	33							TMWCBP	52	TWRQ4A	01 2	TT3	A3		05B			
54611		XA514	33		XA521	49							TMWCBP	53	TMWCBP	00 1	TDD	FP		16B			
54613		XA521	49										TMWCBP	55	TWTOCA	01 4	TS8	D1		26B			
54614		XA521	20		XA514	31							TMWCBQ	51	TRTOCA	01 4	TS8	B1		11A			
54615		XA514	31		XA504	74							TMWCBQ	52	TMWCBQ	02 1	TDD	F0		15B	BUFFER REG FULL F/		
													****	SIGNAL	TMWCBQ								

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	PREFIX	CONNECTOR	PIN	DR	PREFIX	CONNECTOR	PIN	DR	MULTI GROUP	CODE	COLOR	IDENT												SPEC INST MISC
54616		XA504	74										TMWCBCQ	53	TREQ0A	01 4	TS8	F1		35B				
54617		XA511	15		XA513	42			168	9			TMOCPA	51	TMOCPA	00 1	TQ2	A4		07B				
54618		XA513	42										TMOCPA	52	TMOQBN	01 1	TDD	EN		20A				
54619		XA513	35		XA511	24			168	9			TMOQBP	51	TMOQBP	00 1	TDD	EP		17B				
54620		XA511	24										TMOQBP	52	TMO3RA	01 1	TQ2	B1		13A				
54324		XA526	71		XA513	37			168	9			TMOQBP	51	TMO2BI	01 1	TDD	MI		36A		A02		
54622		XA513	37										TMOQBP	52	TMOQBP	00 1	TDD	EQ		18B	BUFFER INPUT CONTR			
54623		XA512	01		XA513	39			168	9			TMOQSA	51	TMOQSA	00 1	TQ2	A2		02B				
54624		XA513	39										TMOQSA	52	TMOQBP	01 1	TDD	EQ		19B				
54625		XA511	01		XA512	04			168	9			TMOQSO	51	TMOQSO	00 1	TQ2	A2		02B				
54626		XA512	04										TMOQSO	52	TMOQSA	01 1	TQ2	A2		04A				
54627		XA513	33		XA511	26			168	9			TMO1BP	51	TMO1BP	00 1	TDD	EP		16B				
54628		XA511	26										TMO1BP	52	TMO3RA	01 2	TQ2	B1		14A				
54629		XA512	09		XA513	29			168	9			TMO1SA	51	TMO1SA	00 1	TQ2	A3		04B				
54630		XA513	29										TMO1SA	52	TMO1BQ	01 1	TDD	EQ		14B				
54631		XA511	09		XA512	03			168	9			TMO1SO	51	TMO1SO	00 1	TQ2	A3		04B				
54632		XA512	03										TMO1SO	52	TMO1SA	01 1	TQ2	A3		02A				
54329		XA526	69		XA521	50			168	9			TMO2BP	51	TMO2BP	00 1	TDD	MP		35A		A02		
54634		XA521	50		XA521	61			168	9			TMO2BP	52	TWTOCA	01 5	TS8	D1		23A				
54635		XA521	61		XA507	61			168	9			TMO2BP	53	TRRCOA	01 3	TS8	E1		32B				
54636		XA507	61		XA512	11			168	9			TMO2BP	54	TREQ4A	01 3	TS8	E1		32B				
54637		XA512	11										TMO2BP	55	TM1CPA	01 1	TQ2	A4		05B				
54638		XA511	11		XA514	34			168	9			TMO2BQ	51	TMOCPA	01 1	TQ2	A4		05B				
54639		XA514	34		XA521	31			168	9			TMO2BQ	52	TMWCBI	01 1	TDD	FI		16A				
54640		XA521	31		XA521	22			168	9			TMO2BQ	53	TRWCOA	01 2	TS8	C1		15B				
54641		XA521	22		XA526	74			168	9			TMO2BQ	54	TRTOCA	01 5	TS8	B1		12A		A02		
54342		XA526	74										TMO2BQ	55	TMO2BQ	00 1	TDD	MQ		35B	BYTE TIMING COUNT	A02		
54643		XA521	62		XA521	34			168	9			TMO3BP	51	TRRCOA	01 4	TS8	E1		29A				
54644		XA521	34		XA514	35			168	9			TMO3BP	52	TRWCOA	01 3	TS8	C1		16A				
54645		XA514	35		XA507	62			168	9			TMO3BP	53	TMO3BP	00 1	TDD	EP		17B				
54646		XA507	62										TMO3BP	54	TREQ4A	01 4	TS8	F1		29A				
54647		XA515	60		XA514	37			168	9			TMO3BQ	51	TMCPQA	01 2	TD4	E2		28A				
54648		XA514	37		XA521	24			168	9			TMO3BQ	52	TMO3BQ	00 1	TDD	EQ		18B	BUFFER TIMING COUN			
54649		XA521	24		XA521	52			168	9			TMO3BQ	53	TRTOCA	01 6	TS8	B1		13A				
54650		XA521	52		XA526	62			168	9			TMO3BQ	54	TWTOCA	01 6	TS8	D1		24A				
54651		XA526	62		XA526	72			168	9			TMO3BQ	55	TMO4BI	01 1	TDD	KI		29A		A02		
55486		XA526	72										TMO3BQ	56	TMO2BN	01 1	TDD	MN		34A		A02		
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	PREFIX	CONNECTOR	PIN	REF	PREFIX	CONNECTOR	PIN	REF	MULTI GROUP	CODE	COLOR	IDENT												
54653		XA511	22		XA514	38				16B	9		TM03RA	51	TM03RA	00	1	TQ2	B1		12A			
54654		XA514	38		XA526	64				16B	9		TM03RA	52	TM03BP	01	1	TDD	EP		18A			
54655		XA526	64										TM03RA	53	TM04BP	01	1	TDD	KP		30A			
54656		XA514	40		XA521	25				16B	9		TM04BP	51	TM03BI	01	1	TDD	EI		19A			
54657		XA521	25		XA521	54				16B	9		TM04BP	52	TRTOCA	01	7	TS8	B1		12B			
54658		XA521	54		XA526	57				16B	9		TM04BP	53	TWTOCA	01	7	TS8	D1		25A			
54659		XA526	57										TM04BP	54	TM04BP	00	1	TDD	KP		30B			
54660		XA526	55		XA521	36				16B	9		TM04BQ	51	TM04BQ	00	1	TDD	KQ		29B	BUFFER TIMING COUN		
54661		XA521	36		XA521	64				16B	9		TM04BQ	52	TRWCOA	01	4	TS8	C1		17A			
54662		XA521	64		XA515	62				16B	9		TM04BQ	53	TRRCOA	01	5	TS8	E1		30A			
54663		XA515	62		XA507	64				16B	9		TM04BQ	54	TMCPOA	01	3	TD4	E2		29A			
54664		XA507	64		XA511	13				16B	9		TM04BQ	55	TREQ4A	01	5	TS8	E1		30A			
54665		XA511	13		XA512	13				16B	9		TM04BQ	56	TMOCPA	01	2	TQ2	A4		06B			
54666		XA512	13										TM04BQ	57	TMICPA	01	2	TQ2	A4		06B			
54667		XA513	30		XA512	15				16B	9		TMICPA	51	TM01BN	01	1	TDD	FN		15A			
54668		XA512	15										TMICPA	52	TMICPA	00	1	TQ2	A4		07B			
54669		XA503	78		XA509	51				16B	9		TNDASA	51	TINT10	01	7	TS8	F1		38A			
54670		XA509	51		XA526	51				16B	9		TNDASA	52	TNDASA	00	1	TT3	D3		27B	NO DATA ERROR		
54671		XA526	51										TNDASA	53	TS30CQ	01	1	TDD	GQ		27B			
54672		XA515	45		XA512	41				16B	9		TNDA1A	51	TNDA1A	00	1	TD4	D2		24B			
54673		XA512	41										TNDA1A	52	TNDA10	01	1	TQ2	D3		22B			
54674		XA509	45		XA512	45				16B	9		TNDA10	51	TNDASA	01	1	TT3	D3		24B			
54675		XA512	45										TNDA10	52	TNDA10	00	1	TQ2	D3		24B			
54676		XA503	23		XA512	43				16B	9		TNDA2A	51	TNDA2A	00	1	TS8	B1		11B			
54677		XA512	43										TNDA2A	52	TNDA10	01	2	TQ2	D3		23B			
54678		XA409	64		XA509	49				16B	9		TNDA3A	51	TNDA3A	00	1	TT3	E1		30A			
54679		XA509	49										TNDA3A	52	TNDASA	01	3	TT3	D3		26B			
54680		XA503	75		XA509	27				16B	9		TNSGAA	51	TINT10	01	5	TS8	F1		37B			
54681		XA509	27										TNSGAA	52	TNSGAA	00	1	TT3	B3		13B	SPACE REC/FILE. HT		
54682		XA509	21		XA505	72				16B	9		TNSGA0	51	TNSGAA	01	1	TT3	B3		10B			
54683		XA505	72										TNSGA0	52	TNSGA0	00	1	TQ2	F2		34A			
54684		XA418	62		XA510	19				16B	9		TNSGCA	51	TXXRCO	01	4	TS8	E1		29A			
54685		XA510	19										TNSGCA	52	TNSGCA	00	1	TT3	B2		09B	SPACE RECORD REQUE		
54686		XA410	76		XA503	73				16B	9		TNSGDA	51	TNSGDA	00	1	TD4	F1		37A			
54687		XA503	73										TNSGDA	52	TINT10	01	3	TS8	F1		36B			
54688		XA508	11		XA410	75				16B	9		TNSGDO	51	TNSGDO	00	1	TD4	A1		05B			
54689		XA410	75										TNSGDO	52	TNSGDA	01	1	TD4	F1		37B			

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	PREFIX	CONNECTOR	PIN	SH PC	PREFIX	CONNECTOR	PIN	SH PC	MULTI GROUP	CODE	COLOR	IDENT											
54690		XA418	64		XA508	09				16B	9		TNSGEA	51	TXXRC0	01	5	TS8	E1		30A		
54691		XA508	09										TNSGEA	52	TNSGEA	00	1	TD4	A2		04B	SPACE FILE REQUEST	
54692		XA526	15		XA508	45				16B	9		TNSGIA	51	TS14BQ	01	1	TDD	AQ		07B		
54693		XA508	45										TNSGIA	52	TNSGIA	00	1	TD4	D2		24B	TAPE MARK DETECTED	
54694		XA511	74		XA508	21				16B	9		TNSGJA	51	TWPE00	01	2	TQ2	F3		35B		
54695		XA508	21		XA526	27				16B	9		TNSGJA	52	TNSGJA	00	1	TD4	B2		10B	LRC PARITY ERROR D	
54696		XA526	27										TNSGJA	53	TS30BQ	01	1	TDD	CQ		13B		
54697		XA410	62		XA510	27				16B	9		TNSGKA	51	TFST0S	01	3	TD4	E2		29A		
54698		XA510	27										TNSGKA	52	TNSGKA	00	1	TT3	B3		13B	SPACE FILE START	
54699		XA505	52		XA510	21				16B	9		TNSGKO	51	TNSGKO	00	1	TQ2	D1		24A		
54700		XA510	21										TNSGKO	52	TNSGKA	01	1	TT3	B3		10B		
51779		XA521	79		XA509	80				16B	9		TNSGMA	01	TREN1R	01	8	TS8	F1		39B		C05
54701		XA509	80		XA503	74				16B	9		TNSGMA	51	TNSGMA	00	1	TT3	F3		39A	ERASE STOP	
54702		XA503	74										TNSGMA	52	TINT10	01	4	TS8	F1		35B		
54703		XA503	11		XA508	60				16B	9		TNSGOA	51	TNSGOA	00	1	TS8	A1		05B	SET CHARACTER DETE	
54704		XA508	60		XA512	56				16B	9		TNSGOA	52	TKRRSO	01	2	TD4	E2		28A		
54705		XA512	56										TNSGOA	53	TNSGOS	01	2	TQ2	D1		26A		
54706		XA515	46		XA512	54				16B	9		TNSGOR	51	TNDA1A	01	2	TD4	D2		21A		
54707		XA512	54		XA508	47				16B	9		TNSGOR	52	TNSGOS	01	1	TQ2	D1		25A		
54708		XA508	47										TNSGOR	53	TNSGOR	00	1	TD4	D1		25B		
54709		XA508	22		XA508	49				16B	9		TNSGOS	51	TNSG2A	01	1	TD4	B1		12A		
54710		XA508	49		XA512	52				16B	9		TNSGOS	52	TNSGOR	01	1	TD4	D1		26B		
54711		XA512	52										TNSGOS	53	TNSGOS	00	1	TQ2	D1		24A	GAP DETECT COUNTER	
54712		XA509	31		XA508	52				16B	9		TNSG1A	51	TNSG1A	00	1	TT3	C2		15B		
54713		XA508	52										TNSG1A	52	TNSGOR	01	2	TD4	D1		24A		
54714		XA505	55		XA508	35				16B	9		TNSG1R	51	TKBCP0	01	2	TQ2	F3		29B		
54715		XA508	35		XA512	48				16B	9		TNSG1R	52	TNSG1R	00	1	TD4	C1		17B		
54716		XA512	48		XA521	77				16B	9		TNSG1R	53	TNSG1S	01	1	TQ2	D2		22A		
54717		XA521	77										TNSG1R	54	TREN1R	01	6	TS8	F1		38B		
54718		XA510	22		XA509	29				16B	9		TNSG1S	51	TNSG4A	01	1	TT3	B1		12A		
54719		XA509	29		XA508	37				16B	9		TNSG1S	52	TNSG1A	01	1	TT3	C2		14B		
54720		XA508	37		XA512	46				16B	9		TNSG1S	53	TNSG1R	01	1	TD4	C1		18B		
54721		XA512	46										TNSG1S	54	TNSG1S	00	1	TQ2	D2		21A	GAP DETECT COUNTER	
54722		XA512	50		XA508	23				16B	9		TNSG2A	51	TNSG1S	01	2	TQ2	D2		23A		
54723		XA508	23										TNSG2A	52	TNSG2A	00	1	TD4	B1		11B		
										****	SIGNAL	TNSG2R		IS ON THE	NEXT PAGE	****							

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	PREFIX	CONNECTOR	PIN	PREFIX	CONNECTOR	PIN	WIRE	MULTI-GROUP	CODE	COLOR												IDENT
58305		XA544	32									TRDBEDR	52			RR4						
53164		XA551	51		XA544	23			16B	9		TRDBED4	50	TADSX1X		EXT					C09	
54801		XA544	23		XA543	52			16B	9		TRDBED4	51			RR4	C3					
54802		XA543	52									TRDBED4	52	TRDBED4	00	1	TLD	D1	24A	READ ENABLE DRIVER		
53122		XA551	04		XA546	45			16B	9		TRDBPDR	50			EXT					B06	
58078		XA546	45									TRDBPDR	51			DCF		27A				
53121		XA551	03		XA547	17			16B	9		TRDBPDX4	50			EXT					B06	
54803		XA547	17		XA546	46			16B	9		TRDBPDX4	51			RR4	B4					
54804		XA546	46									TRDBPDX4	52	TRDBPDX4	400	1	DCF	C1	25B	TAPE DATA P RECEIV		
54805		XA542	18		XA546	47			16B	9		TRDBPOX	51	TTOPBI	01	1	TDD	D1	10A			
54806		XA546	47									TRDBPOX	52	TRDBPOX	00	1	DCF	C2	26B			
53124		XA551	06		XA546	05			16B	9		TRDBODR	50			EXT					B06	
57982		XA546	05									TRDBODR	51			DCF						
53123		XA551	05		XA547	08			16B	9		TRDBODX4	50			EXT					B06	
54809		XA547	08		XA546	07			16B	9		TRDBODX4	51			RR4	A1					
54810		XA546	07									TRDBODX4	52	TRDBODX4	400	1	DCF	A1	02B	TAPE DATA 0 RECEIV		
54811		XA542	40		XA546	09			16B	9		TRDBO0X	51	TT00BI	01	1	TDD	E1	19A			
54812		XA546	09									TRDBO0X	52	TRDBO0X	00	1	DCF	A2	03B			
53126		XA551	08		XA546	19			16B	9		TRDB1DR	50			EXT					B06	
57983		XA546	19									TRDB1DR	51			DCF						
53125		XA551	07		XA547	10			16B	9		TRDB1DX4	50			EXT					B06	
54813		XA547	10		XA546	17			16B	9		TRDB1DX4	51			RR4	A2					
54814		XA546	17									TRDB1DX4	52	TRDB1DX4	400	1	DCF	A3	07B	TAPE DATA 1 RECEIV		
54815		XA542	34		XA546	15			16B	9		TRDB10X	51	TT01BI	01	1	TDD	F1	14A			
54816		XA546	15									TRDB10X	52	TRDB10X	00	1	DCF	A4	06B			
53128		XA551	10		XA546	16			16B	9		TRDB2DR	50			EXT					B06	
57984		XA546	16									TRDB2DR	51			DCF						
53127		XA551	09		XA547	05			16B	9		TRDB2DX4	50			EXT					B06	
54817		XA547	05		XA546	14			16B	9		TRDB2DX4	51			RR4	A3					
54818		XA546	14									TRDB2DX4	52	TRDB2DX4	400	1	DCF	A5	08B	TAPE DATA 2 RECEIV		
54819		XA542	54		XA546	10			16B	9		TRDB20X	51	TT02BI	01	1	TDD	G1	25A			
54820		XA546	10									TRDB20X	52	TRDB20X	00	1	DCF	A6	07A			
53142		XA551	26		XA546	02			16B	9		TRDB3DR	50			EXT					B06	
57985		XA546	02									TRDB3DR	51			DCF		01A				
53141		XA551	25		XA547	07			16B	9		TRDB3DX4	50			EXT					B06	
											****	SIGNAL	TRDB3DX4	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	QTY	PREFIX	CONNECTOR	PIN	QTY	WIRE	MULTI GROUP	CODE	COLOR											
54821		XA547	07			XA546	01			168	9		TRDB3DX4	51			RR4	A4					
54822		XA546	01										TRDB3DX4	52	TRDB3DX400	1	DCF	A7		02A	TAPE DATA 3 RECEIV		
54823		XA542	48			XA546	03			168	9		TRDB30X	51	TT03BI	01	TDD	HI		22A			
54824		XA546	03										TRDB30X	52	TRDB30X	00	DCF	A8		03A			
53145		XA551	30			XA546	25			168	9		TRDB4DR	50			EXT					B06	
58073		XA546	25										TRDB4DR	51			DCF						
53144		XA551	29			XA547	09			168	9		TRDB4DX4	50			EXT					B06	
54825		XA547	09			XA546	27			168	9		TRDB4DX4	51			RR4	A5					
54826		XA546	27										TRDB4DX4	52	TRDB4DX400	1	DCF	B1		10B	TAPE DATA 4 RECEIV		
54827		XA542	68			XA546	29			168	9		TRDB40X	51	TT04BI	01	TDD	J1		32A			
54828		XA546	29										TRDB40X	52	TRDB40X	00	DCF	B2		11B			
53148		XA551	34			XA546	39			168	9		TRDB5DR	50			EXT					B06	
58074		XA546	39										TRDB5DR	51			DCF						
53147		XA551	33			XA547	20			168	9		TRDB5DX4	50			EXT					B06	
54829		XA547	20			XA546	37			168	9		TRDB5DX4	51			RR4	B1					
54830		XA546	37										TRDB5DX4	52	TRDB5DX400	1	DCF	B3		15B	TAPE DATA 5 RECEIV		
54831		XA542	62			XA546	35			168	9		TRDB50X	51	TT05BI	01	TDD	K1		29A			
54832		XA546	35										TRDB50X	52	TRDB50X	00	DCF	B4		14B			
53150		XA551	36			XA546	42			168	9		TRDB6DR	50			EXT					B06	
58075		XA546	42										TRDB6DR	51			DCF		20B				
53149		XA551	35			XA547	26			168	9		TRDB6DX4	50			EXT					B06	
54833		XA547	26			XA546	41			168	9		TRDB6DX4	51			RR4	B2					
54834		XA546	41										TRDB6DX4	52	TRDB6DX400	1	DCF	B5		16A	TAPE DATA 6 RECEIV		
54835		XA542	77			XA546	40			168	9		TRDB60X	51	TT06BI	01	TDD	L1		38B			
54836		XA546	40										TRDB60X	52	TRDB60X	00	DCF	B6		15A			
53152		XA551	38			XA546	21			168	9		TRDB7DR	50			EXT					B06	
58076		XA546	21										TRDB7DR	51			DCF						
53151		XA551	37			XA547	24			168	9		TRDB7DX4	50			EXT					B06	
54837		XA547	24			XA546	23			168	9		TRDB7DX4	51			RR4	B3					
54838		XA546	23										TRDB7DX4	52	TRDB7DX400	1	DCF	B7		10A	TAPE DATA 7 RECEIV		
54839		XA542	71			XA546	30			168	9		TRDB70X	51	TT07BI	01	TDD	M1		36A			
54840		XA546	30										TRDB70X	52	TRDB70X	00	DCF	B8		11A			
54841		XA413	75			XA412	52			168	9		TRDCAB	51	TREWIP	01	TDD	LP		37B			
54842		XA412	52			XA412	46			168	9	P	TRDCCA	52	TRDCAB	01	TQ2	D1		24A			
54843		XA412	46			XA425	04			168	9	P	TRDCCA	53	TRDCAB	02	TQ2	D2		21A			
54844		XA425	04			XA425	20			168	9		TRDCAB	54	TREWDP	01	TDD	BP		04A			
										****	SIGNAL		TRDCAB		IS ON THE	NEXT PAGE	****						

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DRAWING NUMBER
UNIT ASSEMBLY NAME

149017-800
CARD CAGE ASSY B, IFCU

STRING

UNIT ASSEMBLY NO.
FILE IDENT

149017
T39C1FC7

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RECORD NUMBER	FROM			TO			WIRE				SIGNAL	SEQ NO	EQUATION	TERM FACTOR	CKT OR CHIP TYPE	GROUP	LOAD OR POWER PLANE	TEST POINTS AND/OR	SIGNAL DESCRIPTION	ECO NO	
	PREFIX	CONNECTOR	PIN	PREFIX	CONNECTOR	PIN	MULTI GROUP	CODE	COLOR	IDENT											
54965		XA505	23		XA506	66		168	9			TREQ0S	51	TREQ2A	01 1	TQ2	B4	11B			
54966		XA506	66		XA510	53		168	9			TREQ0S	52	TREQ0S	00 1	TQ2	E1	31A			
54967		XA510	53									TREQ0S	53	TREQ0R	01 1	TT3	E2	28B			
54968		XA510	60		XA506	69		168	9			TREQ1A	51	TREQ0R	01 2	TT3	E2	28A			
54969		XA506	69									TREQ1A	52	TREQ1A	00 1	TQ2	E3	35A			
51661		XA513	79		XA513	24		168	9			TREQ1P	01	TREQ2N	01 1	TDD	LN	39B			
54994		XA513	24		XA514	23		168	9			TREQ1P	02	TREQ0I	01 1	TDD	CI	13A		D01	
58118		XA514	23									TREQ1P	03	TREQ1P	00 1	TDD	CP	11B		C09	
54972		XA504	71		XA510	63		168	9			TREQ1R	51	TREQ0A	01 1	TS8	F1	36A			
54973		XA510	63		XA512	34		168	9			TREQ1R	52	TREQ1R	00 1	TT3	E3	33B			
54974		XA512	34									TREQ1R	53	TREQ1S	01 1	TQ2	C2	16A			
54975		XA506	65		XA507	55		168	9			TREQ1S	51	TREQ1A	01 1	TQ2	F3	34B			
54976		XA507	55		XA510	57		168	9			TREQ1S	52	TREQ04A	01 1	TS8	E1	29B			
54977		XA510	57		XA512	30		168	9			TREQ1S	53	TREQ1R	01 1	TT3	E3	30B			
54978		XA512	30									TREQ1S	54	TREQ1S	00 1	TQ2	C2	15A			
54979		XA511	03		XA512	36		168	9			TREQ2A	51	TMO1S0	01 1	TQ2	A3	02A			
54980		XA512	36		XA505	27		168	9			TREQ2A	52	TREQ1S	01 2	TQ2	C2	17A			
54981		XA505	27									TREQ2A	53	TREQ2A	00 1	TQ2	B4	13B			
53235		XA513	76		XA514	14		168	9			TREQ2P	01	TREQ2P	00 1	TDD	LP	37A		D01	
55529		XA514	14		XA526	79		168	9			TREQ2P	02	TREQ3N	01 1	TDD	DN	09A		C09	
55485		XA526	79									TREQ2P	03	TREQ4N	01 1	TDD	LN	39B		C09	
53236		XA513	78		XA524	65		168	9			TREQ2Q	01	TREQ2Q	00 1	TDD	LO	38A		D01	
54987		XA524	65		XA525	06		168	9			TREQ2Q	02	TREQ05A	01 1	TT3	E2	34B		C09	
55271		XA525	06									TREQ2Q	03	TREQ3A	01 1	TD4	A1	09A		C09	
54985		XA510	59		XA525	11		168	9			TREQ3A	52	TREQ1R	01 2	TT3	E3	31B		C09	
55273		XA525	11		XA425	72		168	9			TREQ3A	53	TREQ3A	00 1	TD4	A1	05B		C09	
54993		XA425	72									TREQ3A	54	TREQ0CN	01 1	TDD	MN	34A		C09	
54986		XA514	21		XA525	08		168	9			TREQ3P	01	TREQ3P	00 1	TDD	DP	10B		C09	
55289		XA525	08									TREQ3P	02	TREQ3A	01 2	TD4	A1	06A		C09	
54988		XA526	77		XA514	19		168	9			TREQ3Q	51	TREQ4I	01 1	TDD	IT	38B			
54989		XA514	19									TREQ3Q	52	TREQ3Q	00 1	TDD	DQ	09B			
54990		XA418	55		XA507	59		168	9			TREQ4A	51	TXXRC0	01 1	TS8	E1	29B			
54991		XA507	59									TREQ4A	52	TREQ4A	00 1	TS8	E1	31B			
54982		XA514	18		XA526	76		168	9			TREQ4P	01	TREQ3I	01 1	TDD	DI	10A		C09	
54992		XA526	76									TREQ4P	51	TREQ4P	00 1	TDD	LP	37A		C09	
										****	SIGNAL	TREQ4Q	IS ON THE NEXT PAGE				****				

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DRAWING NUMBER
UNIT ASSEMBLY NAME

149017-800
CARD CAGE ASSY B, IFCU

STRING

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FILE IDENT

149017
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RECORD NUMBER	FROM			TO			WIRE				SIGNAL	SEQ NO	EQUATION	TERM	FACTOR	CKT OR CHIP TYPE	GROUP	LOAD OR POWER PLANE	TEST POINTS AND/OR	SIGNAL DESCRIPTION	ECO NO	
	PREFIX	CONNECTOR	PIN	PREFIX	CONNECTOR	PIN	MULTI GROUP	CODE	COLOR	IDENT												
55298 54996		XA525 XA526	10 78		XA526	78			168	9		TREQ4Q TREQ4Q	01 52	TREQ3A TREQ4Q	01 00	3 1	TD4 TDD	A1 LQ	07A 38A	READ REQUEST DELAY	C09	
51690 54984		XA513 XA524	77 74		XA524	74			168	9		TREQ5A TREQ5A	01 02	TREQ2I TREQ5A	01 00	1 1	TDD TT3	LI F2	38B 35B		D01 C09	
53229 51663 55225		XA506 XA511 XA543	63 56 50		XA511 XA543	56 50			168	9		TREWCA TREWCA TREWCA	01 02 03	TREWCA TREWCA TRUNCD4	00 01 01	1 2 2	TQ2 TQ2 TLD	E4 D1 D2	33B 26A 23A		C05 C05 C13	
11369 53067		XA348 XA550	78 23		XA550	23			168	9		TREWCB TREWCB	01 02				SHT EXT			C12 C12		
53068 58306		XA550 XA543	24 44	2	XA543	44	2		168	9		TREWCDR TREWCDR	51 52				EXT TLD				B06	
11368 54997 54998		XA348 XA543 XA544	76 45 29		XA543 XA544	45 29			168	9		TREWCD4 TREWCD4 TREWCD4	01 51 52	TREWCD4	00	1	SHT TLD RR4	D3 D3 C5	24B	REWIND DRIVER	C12	
53231 55229		XA511 XA543	52 43		XA543	43			168	9		TREWCO TREWCO	01 02	TREWCO TREWCD4	00 01	1 2	TQ2 TLD	D1 D3	24A 23B		C05 C05	
54999 55000 55001 55002 55003 55004		XA502 XA508 XA407 XA425 XA525 XA527	75 73 19 09 22 31		XA508 XA407 XA425 XA525 XA527	73 19 09 22 31			168	9		TREWDP TREWDP TREWDP TREWDP TREWDP TREWDP	51 52 53 54 55 56	TINT6A TINT2A TCS010 TCS010 TCS02A TCS000	01 01 01 01 01 01	5 3 2 1 1 2	TS8 TD4 TQ2 TDD TD4 TS8	F1 F2 B3 BP B1 C1	37B 36B 09B 04B 12A 15B			
55005 55006		XA425 XA409	07 14		XA409	14			168	9		TREWDR TREWDR	51 52	TREWDR TRWS2A	00 01	1 1	TDD TT3	BQ B2	03A 09A	REWIND/NO INTERRUPT		
55007 55008 55009		XA527 XA413 XA407	30 76 17		XA413 XA407	76 17			168	9		TREWIP TREWIP TREWIP	51 52 53	TCS000 TCS010 TCS010	01 00 01	1 1 1	TS8 TDD TQ2	C1 LP B3	15A 37A 08B			
53136 58111		XA551 XA545	20 67		XA545	67			168	9		TREWDR TREWDR	50 51				EXT DCF				C09	
53135 55010 55011		XA551 XA547 XA545	19 53 65		XA547 XA545	53 65			168	9		TREWDX4 TREWDX4 TREWDX4	50 51 52				EXT RR4 DCF	F4 F4 D1			C09	
55012 55013		XA537 XA425	70 11		XA425	11			168	9		TREWIP TREWIP	51 52	TRW190 TREWIP	01 00	2 1	TQ2 TDD	E1 AP	33A 05B			
55014 55015		XA523 XA425	70 13		XA425	13			168	9		TREWIQ TREWIQ	51 52	TRW10A TREWIQ	01 00	2 1	TQ2 TDD	F1 A0	33A 06B	REWINDING 1 REMEMB		
										****	SIGNAL	TREWIOX	IS ON THE NEXT PAGE				****					

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DRAWING NUMBER
UNIT ASSEMBLY NAME

149017-800
CARD CAGE ASSY B, IFCU

STRING

UNIT ASSEMBLY NO.
FILE IDENT

149017
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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											
55016		XA422	29		XA522	10				16B	9		TREW10X	51	TX0B31X	01	5	MUX	B1		13B		
55017		XA522	10		XA523	11				16B	9		TREW10X	52	URW1CA	01	2	TQ2	A1		07A		
55272		XA523	11		XA545	69				16B	9		TREW10X	52C	TRW0CA	01	1	TQ2	A4		05B	C09	
55018		XA545	69										TREW10X	53	TREW10X	00	1	DCF	D2		33B	C09	
55021		XA414	76		XA537	64				16B	9		TREW2P	51	TREW2P	00	1	TDD	LP		37A		
55022		XA537	64										TREW2P	52	TRW290	01	2	TQ2	E2		30A		
55023		XA523	64		XA414	78				16B	9		TREW2Q	51	TRW20A	01	2	TQ2	E2		30A		
55024		XA414	78										TREW2Q	52	TREW2Q	00	1	TDD	LQ		38A	REWINDING 2 REMEMB	
55025		XA425	05		XA426	14				16B	9		TREW2Q	51	TREWDI	01	1	TDD	BI		03B		
55026		XA426	14		XA536	55				16B	9		TREW2Q	52	TREW2Q	00	1	TQ2	B2		09A		
55027		XA536	55		XA536	61				16B	9		TREW2Q	53	TRW39A	01	2	TQ2	E3		29B		
55028		XA536	61		XA536	64				16B	9		TREW2Q	54	TRW49A	01	2	TQ2	E4		32B		
55029		XA536	64		XA536	70				16B	9		TREW2Q	55	TRW29A	01	2	TQ2	E2		30A		
55030		XA536	70										TREW2Q	56	TRW19A	01	2	TQ2	E1		33A		
55034		XA439	57		XA542	24				16B	9		TREW3A	51	TREW3A	00	1	TQ2	E3		30B		
55035		XA542	24										TREW3A	52	TSPNSI	01	1	TDD	CT		13A		
52994		XA549	22		XA545	79				16B	9		TREW3DR	50				EXT					806
58113		XA545	79										TREW3DR	51				DCF			40B		
55038		XA415	76		XA537	55				16B	9		TREW3P	51	TREW3P	00	1	TDD	LP		37A		
55039		XA537	55										TREW3P	52	TRW390	01	2	TQ2	E3		29B		
55040		XA523	55		XA415	78				16B	9		TREW3Q	51	TRW30A	01	2	TQ2	E3		29B		
55041		XA415	78										TREW3Q	52	TREW3Q	00	1	TDD	LQ		38A	REWINDING 3 REMEMB	
55042		XA429	57		XA439	53				16B	9		TREW3Q	51	TREW3Q	00	1	TD4	E2		30B		
55043		XA439	53										TREW3Q	52	TREW3A	01	1	TQ2	E3		28B		
52992		XA549	20		XA545	59				16B	9		TREW4DR	50				EXT					806
58114		XA545	59										TREW4DR	51				DCF					
55049		XA537	61		XA416	76				16B	9		TREW4P	51	TRW490	01	2	TQ2	E4		32B		
55050		XA416	76										TREW4P	52	TREW4P	00	1	TDD	LP		37A		
55051		XA523	61		XA416	78				16B	9		TREW4Q	51	TRW40A	01	2	TQ2	E4		32B		
55052		XA416	78										TREW4Q	52	TREW4Q	00	1	TDD	LQ		38A	REWINDING 4 REMEMB	
55056		XA502	47		XA511	04				16B	9		TRMROA	51	TRMROA	00	1	TS8	D1		25B	INPUT REQUEST TO B	
55057		XA511	04										TRMROA	52	TMO0S0	01	1	TQ2	A2		04A		
55058		XA519	76		XA519	77				16B	9		TRRCOA	51	TRCP70	01	1	TQ2	F4		37A		
55059		XA519	77		XA519	71				16B	9		TRRCOA	52	TRCP40	01	1	TQ2	F1		38B		
55060		XA519	71		XA519	65				16B	9		TRRCOA	53	TRCP50	01	1	TQ2	F2		36A		
55061		XA519	65		XA519	68				16B	9		TRRCOA	54	TRCP60	01	1	TQ2	F3		34B		
55062		XA519	68		XA519	62				16B	9		TRRCOA	55	TRCP00	01	1	TQ2	F1		32A		
										****	SIGNAL	TRRCOA		IS ON THE	NEXT PAGE	****							

TM 11-5895-856-34-15/EE640-CA-MMI-150/E154 CPU/TO 31W2-2T-122-15

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DRAWING NUMBER
UNIT ASSEMBLY NAME

149017-800
CARD CAGE ASSY B, 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	DR TO	PREFIX	CONNECTOR	PIN	DR TO	MULTI GROUP	CODE	COLOR	IDENT											
55063		XA519	62		XA521	59				16B	9		TRRCOA	56	TRCP10	01	1	TQ2	E2		29A		
55064		XA521	59		XA519	59				16B	9		TRRCOA	57	TRRCOA	00	1	TS8	E1		31B	TRANSFER BUFFER TO	
55065		XA519	59		XA519	53				16B	9		TRRCOA	58	TRCP30	01	1	TQ2	E4		31B		
55066		XA519	53										TRRCOA	59	TRCP20	01	1	TQ2	E3		28B		
55067		XA530	75		XA530	66				16B	9		TRRS0A	51	TRO2BP	01	1	TDD	LP		37B		
55068		XA530	66		XA531	06				16B	9		TRRS0A	52	TRO0BP	01	1	TDD	JP		31A		
55069		XA531	06		XA531	22				16B	9		TRRS0A	53	TRO4BP	01	1	TDD	AP		05A		
55070		XA531	22		XA516	22				16B	9		TRRS0A	54	TRO6BP	01	1	TDD	CP		12A		
55071		XA516	22										TRRS0A	55	TRRS0A	00	1	TQ2	B1		12A	OUTPUT DATA REG EV	
55077		XA516	38		XA530	73				16B	9		TRRS1A	51	TRRS1A	00	1	TQ2	C1		18A	OUTPUT DATA REG OD	
55078		XA530	73		XA530	64				16B	9		TRRS1A	52	TRO3BP	01	1	TDD	MP		36B		
55079		XA530	64		XA531	20				16B	9		TRRS1A	53	TRO1BP	01	1	TDD	KP		30A		
55080		XA531	20		XA531	04				16B	9		TRRS1A	54	TRO7BP	01	1	TDD	DP		11A		
55081		XA531	04										TRRS1A	55	TRO5BP	01	1	TDD	BP		04A		
55087		XA531	75		XA531	66				16B	9		TRRS2A	51	TR14BP	01	1	TDD	LP		37B	OUTPUT DATA REG BT	
55088		XA531	66		XA531	52				16B	9		TRRS2A	52	TR12BP	01	1	TDD	JP		31A		
55089		XA531	52		XA531	38				16B	9		TRRS2A	53	TR10BP	01	1	TDD	GP		24A		
55090		XA531	38		XA516	14				16B	9		TRRS2A	54	TRO8BP	01	1	TDD	EP		18A		
55091		XA516	14										TRRS2A	55	TRRS2A	00	1	TQ2	B2		09A		
55092		XA531	73		XA531	64				16B	9		TRRS3A	51	TR15BP	01	1	TDD	MP		36B		
55093		XA531	64		XA531	50				16B	9		TRRS3A	52	TR13BP	01	1	TDD	KP		30A		
55094		XA531	50		XA531	36				16B	9		TRRS3A	53	TR11BP	01	1	TDD	HP		23A		
55095		XA531	36		XA516	30				16B	9		TRRS3A	54	TRO9BP	01	1	TDD	FP		17A		
55096		XA516	30										TRRS3A	55	TRRS3A	00	1	TQ2	C2		15A		
55097		XA532	52		XA532	38				16B	9		TRRS4A	51	TR22BP	01	1	TDD	GP		24A		
55098		XA532	38		XA532	06				16B	9		TRRS4A	52	TR20BP	01	1	TDD	EP		18A		
55099		XA532	06		XA532	22				16B	9		TRRS4A	53	TR16BP	01	1	TDD	AP		05A		
55100		XA532	22		XA516	21				16B	9		TRRS4A	54	TR18BP	01	1	TDD	CP		12A		
55101		XA516	21										TRRS4A	55	TRRS4A	00	1	TQ2	B3		10B		
55102		XA516	33		XA532	50				16B	9		TRRS5A	51	TRRS5A	00	1	TQ2	C3		16B		
55103		XA532	50		XA532	36				16B	9		TRRS5A	52	TR23BP	01	1	TDD	HP		23A		
55104		XA532	36		XA532	20				16B	9		TRRS5A	53	TR21BP	01	1	TDD	FP		17A		
55105		XA532	20		XA532	04				16B	9		TRRS5A	54	TR19BP	01	1	TDD	DP		11A		
55106		XA532	04										TRRS5A	55	TR17BP	01	1	TDD	BP		04A		
55107		XA532	75		XA532	66				16B	9		TRRS6A	51	TR26BP	01	1	TDD	LP		37B		
55108		XA532	66		XA533	06				16B	9		TRRS6A	52	TR24BP	01	1	TDD	JP		31A		
55109		XA533	06		XA533	22				16B	9		TRRS6A	53	TR22BP	01	1	TDD	AP		05A		
55110		XA533	22		XA516	27				16B	9		TRRS6A	54	TR30BP	01	1	TDD	CP		12A		
55111		XA516	27										TRRS6A	55	TRRS6A	00	1	TQ2	B4		13B		
55112		XA516	39		XA532	73				16B	9		TRRS7A	51	TRRS7A	00	1	TQ2	C4		19B		
55113		XA532	73		XA532	64				16B	9		TRRS7A	52	TR27BP	01	1	TDD	MP		36B		
55114		XA532	64		XA533	20				16B	9		TRRS7A	53	TR25BP	01	1	TDD	KP		30A		
										****	SIGNAL	TRRS7A	IS ON THE NEXT PAGE						****				

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 DRAWING NUMBER 149017-800 STRING UNIT ASSEMBLY NO. 149017 REV E INDEX TRRS7A
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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	LS	PREFIX	CONNECTOR	PIN	WIRE NO	MULTI GROUP	CODE	COLOR	IDENT											
55115		XA533	20			XA533	04			168	9		TRRS7A	54	TR31BP	01	1	TDD	DP		11A		
55116		XA533	04										TRRS7A	55	TR29BP	01	1	TDD	BP		04A		
55117		XA531	80			XA530	80			168	9		TRSTOA	51	TR14BQ	01	1	TDD	LQ		39A		
55118		XA530	80			XA530	63			168	9		TRSTOA	52	TR02BQ	01	1	TDD	LQ		39A		
55119		XA530	63			XA531	63			168	9		TRSTOA	53	TR00BQ	01	1	TDD	JQ		33B		
55120		XA531	63			XA531	51			168	9		TRSTOA	54	TR12BQ	01	1	TDD	JQ		33B		
55121		XA531	51			XA531	39			168	9		TRSTOA	55	TR10BQ	01	1	TDD	GQ		27B		
55122		XA531	39			XA531	27			168	9		TRSTOA	56	TR08BQ	01	1	TDD	EQ		19B		
55123		XA531	27			XA531	15			168	9		TRSTOA	57	TR06BQ	01	1	TDD	CQ		13B		
55124		XA531	15			XA516	06			168	9		TRSTOA	58	TR04BQ	01	1	TDD	AQ		07B		
55125		XA516	06										TRSTOA	59	TRSTOA	00	1	TQ2	A1		05A	OUTPUT DATA REG EV	
55126		XA517	06			XA516	08			168	9		TRSTO0	51	TRSTO0	00	1	TQ2	A1		05A		
55127		XA516	08			XA516	03			168	9		TRSTO0	52	TRSTOA	01	1	TQ2	A1		06A		
55128		XA516	03										TRSTO0	53	TRST4A	01	1	TQ2	A3		02A		
55129		XA531	65			XA530	65			168	9		TRST1A	51	TR15BQ	01	1	TDD	MQ		34B		
55130		XA530	65			XA530	53			168	9		TRST1A	52	TR03BQ	01	1	TDD	MQ		34B		
55131		XA530	53			XA531	53			168	9		TRST1A	53	TR01BQ	01	1	TDD	KQ		28B		
55132		XA531	53			XA531	41			168	9		TRST1A	54	TR13BQ	01	1	TDD	KQ		28B		
55133		XA531	41			XA531	29			168	9		TRST1A	55	TR11BQ	01	1	TDD	HQ		22B		
55134		XA531	29			XA531	17			168	9		TRST1A	56	TR09BQ	01	1	TDD	FQ		14B		
55135		XA531	17			XA531	03			168	9		TRST1A	57	TR07BQ	01	1	TDD	DQ		08B		
55136		XA531	03			XA516	01			168	9		TRST1A	58	TR05BQ	01	1	TDD	BQ		02A		
55137		XA516	01										TRST1A	59	TRST1A	00	1	TQ2	A2		02B	OUTPUT DATA REG OD	
55138		XA517	01			XA516	04			168	9		TRST10	51	TRST10	00	1	TQ2	A2		02B		
55139		XA516	04			XA516	11			168	9		TRST10	52	TRST1A	01	1	TQ2	A2		04A		
55140		XA516	11										TRST10	53	TRST5A	01	1	TQ2	A4		05B		
55141		XA532	80			XA532	63			168	9		TRST4A	51	TR26BQ	01	1	TDD	LQ		39A		
55142		XA532	63			XA532	51			168	9		TRST4A	52	TR24BQ	01	1	TDD	JQ		33B		
55143		XA532	51			XA532	39			168	9		TRST4A	53	TR22BQ	01	1	TDD	GQ		27B		
55144		XA532	39			XA532	27			168	9		TRST4A	54	TR20BQ	01	1	TDD	EQ		19B		
55145		XA532	27			XA533	27			168	9		TRST4A	55	TR18BQ	01	1	TDD	CQ		13B		
55146		XA533	27			XA533	15			168	9		TRST4A	56	TR30BQ	01	1	TDD	CQ		13B		
55147		XA533	15			XA532	15			168	9		TRST4A	57	TR28BQ	01	1	TDD	AQ		07B		
55148		XA532	15			XA516	09			168	9		TRST4A	58	TR16BQ	01	1	TDD	AQ		07B		
55149		XA516	09										TRST4A	59	TRST4A	00	1	TQ2	A3		04B		
55150		XA532	65			XA532	53			168	9		TRST5A	51	TR27BQ	01	1	TDD	MQ		34B		
55151		XA532	53			XA532	41			168	9		TRST5A	52	TR25BQ	01	1	TDD	KQ		28B		
55152		XA532	41			XA532	29			168	9		TRST5A	53	TR23BQ	01	1	TDD	HQ		22B		
55153		XA532	29			XA532	17			168	9		TRST5A	54	TR21BQ	01	1	TDD	FQ		14B		
55154		XA532	17			XA533	17			168	9		TRST5A	55	TR19BQ	01	1	TDD	DQ		08B		
55155		XA533	17			XA533	03			168	9		TRST5A	56	TR31BQ	01	1	TDD	DQ		08B		
55156		XA533	03			XA532	03			168	9		TRST5A	57	TR29BQ	01	1	TDD	BQ		02A		
55157		XA532	03			XA516	15			168	9		TRST5A	58	TR17BQ	01	1	TDD	BQ		02A		
55158		XA516	15										TRST5A	59	TRST5A	00	1	TQ2	A4		07B		

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	PREFIX	CONNECTOR	PIN	LEAD	PREFIX	CONNECTOR	PIN	LEAD	MULTI GROUP	CODE	COLOR	IDENTY										
55159		XA437	71		XA412	66				168	9		TRTDC0	51	TDRSCA	01 1	TS8	F1		36A		
55160		XA412	66		XA504	01				168	9		TRTDC0	52	TRTDC0	00 1	TQ2	E1		31A		
55161		XA504	01		XA504	14				168	9		TRTDC0	53	TRTDOA	01 1	TS8	A1		02B		
55162		XA504	14		XA504	30				168	9		TRTDC0	54	TRTD1A	01 1	TS8	B1		09A		
55163		XA504	30		XA504	43				168	9		TRTDC0	55	TRTD2A	01 1	TS8	C1		15A		
55164		XA504	43		XA502	43				168	9		TRTDC0	56	TRTD3A	01 1	TS8	D1		23B		
55165		XA502	43										TRTDC0	57	TRMROA	01 1	TS8	D1		23B		
55166		XA428	11		XA431	19				168	9		TRTDEA	51	TXXDD0	01 1	TQ2	A4		05B		
55167		XA431	19										TRTDEA	52	TRTDEA	00 1	TT3	B2		09B		
55168		XA526	17		XA511	65				168	9		TRTDPA	51	TS31BQ	01 1	TDD	DQ		08B		
55169		XA511	65		XA503	35				168	9		TRTDPA	52	TWPE00	01 1	TQ2	F3		34B		
55170		XA503	35										TRTDPA	53	TRTDPA	00 1	TS8	C1		17B	SET LATERAL PARITY	
55171		XA505	65		XA504	11				168	9		TRTDOA	51	TRTD00	01 1	TQ2	F3		34B		
55172		XA504	11										TRTDOA	52	TRTDOA	00 1	TS8	A1		05B	TRANSFER BYTE 0	
55173		XA536	10		XA536	05				168	9		TRTD00	51	TRO0CA	01 2	TQ2	A1		07A		
55174		XA536	05		XA536	07				168	9		TRTD00	52	TRO1CA	01 2	TQ2	A2		03B		
55175		XA536	07		XA536	13				168	9		TRTD00	53	TRO2CA	01 2	TQ2	A3		03A		
55176		XA536	13		XA536	19				168	9		TRTD00	54	TRO3CA	01 2	TQ2	A4		06B		
55177		XA536	19		XA536	20				168	9		TRTD00	55	TRO6CA	01 2	TQ2	B3		09B		
55178		XA536	20		XA536	26				168	9		TRTD00	56	TRO5CA	01 2	TQ2	B2		11A		
55179		XA536	26		XA536	25				168	9		TRTD00	57	TRO4CA	01 2	TQ2	B1		14A		
55180		XA536	25		XA505	69				168	9		TRTD00	58	TRO7CA	01 2	TQ2	B4		12B		
55181		XA505	69										TRTD00	59	TRTD00	00 1	TQ2	F3		35A		
55182		XA412	62		XA504	23				168	9		TRTD1A	51	TRTD10	01 1	TQ2	E2		29A		
55183		XA504	23										TRTD1A	52	TRTD1A	00 1	TS8	B1		11B	TRANSFER BYTE 1	
55184		XA536	56		XA536	49				168	9		TRTD10	51	TR12CA	01 2	TQ2	D1		26A		
55185		XA536	49		XA536	50				168	9		TRTD10	52	TR15CA	01 2	TQ2	D4		26B		
55186		XA536	50		XA536	42				168	9		TRTD10	53	TR13CA	01 2	TQ2	D2		23A		
55187		XA536	42		XA536	43				168	9		TRTD10	54	TRO8CA	01 2	TQ2	C1		20A		
55188		XA536	43		XA536	37				168	9		TRTD10	55	TR14CA	01 2	TQ2	D3		23B		
55189		XA536	37		XA536	36				168	9		TRTD10	56	TR11CA	01 2	TQ2	C4		18B		
55190		XA536	36		XA536	31				168	9		TRTD10	57	TRO9CA	01 2	TQ2	C2		17A		
55191		XA536	31		XA412	60				168	9		TRTD10	58	TR10CA	01 2	TQ2	C3		15B		
55192		XA412	60										TRTD10	59	TRTD10	00 1	TQ2	E2		28A		
55193		XA504	35		XA412	53				168	9		TRTD2A	51	TRTD2A	00 1	TS8	C1		17B	TRANSFER BYTE 2	
55194		XA412	53										TRTD2A	52	TRTD20	01 1	TQ2	E3		28B		
55195		XA537	25		XA537	26				168	9		TRTD20	51	TR23CA	01 2	TQ2	B4		12B		
55196		XA537	26		XA537	20				168	9		TRTD20	52	TR20CA	01 2	TQ2	B1		14A		
55197		XA537	20		XA537	19				168	9		TRTD20	53	TR21CA	01 2	TQ2	B2		11A		
55198		XA537	19		XA537	13				168	9		TRTD20	54	TR22CA	01 2	TQ2	B3		09B		
										****	SIGNAL		TRTD20		IS ON THE		NEXT PAGE		****			

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	PREFIX	CONNECTOR	PIN	SIZE	PREFIX	CONNECTOR	PIN	SIZE	MULTI GROUP	CODE	COLOR	IDENT								AND	OR		
55199		XA537	13			XA537	10			16B	9		TRTD20	55	TR19CA	01 2	TQ2	A4		06B			
55200		XA537	10			XA537	07			16B	9		TRTD20	56	TR16CA	01 2	TQ2	A1		07A			
55201		XA537	07			XA537	05			16B	9		TRTD20	57	TR18CA	01 2	TQ2	A3		03A			
55202		XA537	05			XA412	57			16B	9		TRTD20	58	TR17CA	01 2	TQ2	A2		03B			
55203		XA412	57										TRTD20	59	TRTD20	00 1	TQ2	E3		30B			
55204		XA504	47			XA412	59			16B	9		TRTD3A	51	TRTD3A	00 1	TS8	D1		25B	TRANSFER BYTE 3		
55205		XA412	59										TRTD3A	52	TRTD30	01 1	TQ2	E4		31B			
55206		XA537	56			XA537	50			16B	9		TRTD30	51	TR28CA	01 2	TQ2	D1		26A			
55207		XA537	50			XA537	49			16B	9		TRTD30	52	TR29CA	01 2	TQ2	D2		23A			
55208		XA537	49			XA537	43			16B	9		TRTD30	53	TR31CA	01 2	TQ2	D4		26B			
55209		XA537	43			XA537	42			16B	9		TRTD30	54	TR30CA	01 2	TQ2	D3		23B			
55210		XA537	42			XA537	36			16B	9		TRTD30	55	TR24CA	01 2	TQ2	C1		20A			
55211		XA537	36			XA537	37			16B	9		TRTD30	56	TR25CA	01 2	TQ2	C2		17A			
55212		XA537	37			XA537	31			16B	9		TRTD30	57	TR27CA	01 2	TQ2	C4		18B			
55213		XA537	31			XA412	63			16B	9		TRTD30	58	TR26CA	01 2	TQ2	C3		15B			
55214		XA412	63										TRTD30	59	TRTD30	00 1	TQ2	E4		33B			
55215		XA521	23			XA505	11			16B	9		TRTOCA	51	TRTOCA	00 1	TS8	R1		11B	READ COMMAND YOU T		
55216		XA505	11										TRTOCA	52	TS29S0	01 1	TQ2	A4		05B			
55217		XA502	11			XA505	03			16B	9		TRUNAR	51	TRUNAR	00 1	TS8	A1		05B			
55218		XA505	03										TRUNAR	52	TRUNAS	01 1	TQ2	A3		02A			
55219		XA543	48			XA543	41			16B	9		TRUNAS	51	TRUNC04	01 1	TLD	D2		22A			
55220		XA543	41			XA505	09			16B	9		TRUNAS	52	TREWC04	01 1	TLD	D3		22B			
55221		XA505	09			XA502	01			16B	9		TRUNAS	53	TRUNAS	00 1	TQ2	A3		04B	MOTOR RUN CONTROL		
55222		XA502	01										TRUNAS	54	TRUNAR	01 1	TS8	A1		02B			
55223		XA519	27			XA520	23			16B	9		TRUNCA	51	TRUNCA	00 1	TQ2	B4		13B			
55224		XA520	23										TRUNCA	52	TRUNC0	01 1	TQ2	B4		11B		C05	
11367		XA348	75			XA550	19			16B	9		TRUNCB	01								C12	
53063		XA550	19										TRUNCB	02								C12	
53064		XA550	20	1		XA543	44	1		16B	9		TRUNC0R	51								B06	
58307		XA543	44										TRUNC0R	52							27A		
11365		XA348	73			XA543	46			16B	9		TRUNC04	01								C12	
55226		XA543	46			XA544	25			16B	9		TRUNC04	51	TRUNC04	00 1	TLD	D2		21A	RUN DRIVER		
55227		XA544	25										TRUNC04	52									
55228		XA520	27			XA506	61			16B	9		TRUNCO	51	TRUNCO	00 1	TQ2	B4		13B		C05	
51656		XA506	61										TRUNCO	52	TREWCA	01 2	TQ2	E4		32B		C05	
55232		XA408	52			XA502	06			16B	9		TRUN3A	51	TRUN3A	00 1	TQ2	D1		24A			
55233		XA502	06										TRUN3A	52	TRUNAR	01 4	TS8	A1		05A			
55234		XA521	35			XA519	29			16B	9		TRWCOA	51	TRWCOA	00 1	TS8	C1		17B	WRITE INTO BUFFER		
										****	SIGNAL		TRWCOA									IS ON THE NEXT PAGE ****	

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149017-800
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	PREFIX	CONNECTOR	PIN	POS	PREFIX	CONNECTOR	PIN	POS	REF	MULTI GROUP	CODE	COLOR												IDENT
55235		XA519	29			XA519	35				16B	9		TRWCOA	52	TBCP20	01	1	TQ2	C3		14B		
55236		XA519	35			XA519	34				16B	9		TRWCOA	53	TBCP30	01	1	TQ2	C4		17B		
55237		XA519	34			XA519	40				16B	9		TRWCOA	54	TBCP10	01	1	TQ2	C2		16A		
55238		XA519	40			XA519	41				16B	9		TRWCOA	55	TBCP00	01	1	TQ2	C1		19A		
55239		XA519	41			XA519	47				16B	9		TRWCOA	56	TBCP60	01	1	TQ2	D3		22B		
55240		XA519	47			XA519	48				16B	9		TRWCOA	57	TBCP70	01	1	TQ2	D4		25B		
55241		XA519	48			XA519	54				16B	9		TRWCOA	58	TBCP50	01	1	TQ2	D2		22A		
55242		XA519	54											TRWCOA	59	TBCP40	01	1	TQ2	D1		25A		
55243		XA406	27			XA407	13				16B	9		TRWSOA	51	TRWSOA	00	1	TQ2	B4		13B		
55244		XA407	13											TRWSOA	52	TRWS1S	01	2	TQ2	A4		06B		
55245		XA409	04			XA407	03				16B	9		TRWSOR	51	TRWSOR	00	1	TT3	A1		04A		
55246		XA407	03			XA406	03				16B	9		TRWSOR	52	TRWSOS	01	1	TQ2	A3		02A		
55247		XA406	03											TRWSOR	53	TRWS3A	01	1	TQ2	A3		02A		
55248		XA410	19			XA409	17				16B	9		TRWSOS	51	TRWS4A	01	3	TD4	B2		09B		
55249		XA409	17			XA409	06				16B	9		TRWSOS	52	TRWS2A	01	2	TT3	B2		08B		
55250		XA409	06			XA407	09				16B	9		TRWSOS	53	TRWSOR	01	1	TT3	A1		05A		
55251		XA407	09			XA406	23				16B	9		TRWSOS	54	TRWSOS	00	1	TQ2	A3		04B	REWIND COUNTER BIT	
55252		XA406	23											TRWSOS	55	TRWSOA	01	1	TQ2	B4		11B		
55253		XA409	08			XA406	15				16B	9		TRWS1A	51	TRWSOR	01	2	TT3	A1		06A		
55254		XA406	15											TRWS1A	52	TRWS1A	00	1	TQ2	A4		07B		
55255		XA407	11			XA409	07				16B	9		TRWS1R	51	TRWS1S	01	1	TQ2	A4		05B		
55256		XA409	07											TRWS1R	52	TRWS1R	00	1	TT3	A2		03A		
55257		XA406	11			XA407	15				16B	9		TRWS1S	51	TRWS1A	01	1	TQ2	A4		05B		
55258		XA407	15			XA409	01				16B	9		TRWS1S	52	TRWS1S	00	1	TQ2	A4		07B	REWIND COUNTER BIT	
55259		XA409	01											TRWS1S	53	TRWS1R	01	1	TT3	A2		02B		
55260		XA503	72			XA409	19				16B	9		TRWS2A	51	TINT10	01	2	TS8	F1		34A		
55261		XA409	19											TRWS2A	52	TRWS2A	00	1	TT3	B2		09B		
55262		XA406	09			XA409	03				16B	9		TRWS3A	51	TRWS3A	00	1	TQ2	A3		04B		
55263		XA409	03											TRWS3A	52	TRWS1R	01	2	TT3	A2		02A		
55264		XA526	41			XA503	77				16B	9		TRWS4A	51	TS31CQ	01	1	TDD	H0		22B		
55265		XA503	77			XA410	21				16B	9		TRWS4A	52	TINT10	01	6	TS8	F1		38B		
55266		XA410	21											TRWS4A	53	TRWS4A	00	1	TD4	B2		10B		
55267		XA524	10			XA523	15				16B	9		TRWOCA	51	TCSDR0	01	3	TT3	A1		07A		
55268		XA523	15			XA410	18				16B	9		TRWOCA	52	TRWOCA	00	1	TQ2	A4		07B		
55269		XA410	18											TRWOCA	53	TRWS4A	01	2	TD4	B2		10A		
55274		XA525	49			XA523	66				16B	9		TRW10A	51	TRW140	01	1	TD4	D1		26B		
55275		XA523	66											TRW10A	52	TRW10A	00	1	TQ2	F1		31A		
55276		XA425	06			XA522	66				16B	9		TRW12A	51	TREW1P	01	1	TDD	AP		05A		
												****	SIGNAL	TRW12A	IS ON THE		NEXT PAGE		****					

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 DRAWING NUMBER
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149017-800
 CARD CAGE ASSY B, 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	PREFIX	CONNECTOR	PIN	SH TA	MULTI GROUP	CODE	COLOR	IDENT										
55277		XA522	66									TRW12A	52	TRW12A	00	1	TQ2	E1		31A	
55278		XA502	73		XA509	47			16B	9		TRW14A	51	TINT6A	01	3	TS8	F1		36B	
55279		XA509	47		XA509	48			16B	9		TRW14A	52	TNDASA	01	2	TT3	D3		25B	
55280		XA509	48		XA523	51			16B	9		TRW14A	53	TINT5A	01	3	TT3	D2		22A	
55281		XA523	51									TRW14A	54	TRW14A	00	1	TQ2	D4		27B	
55282		XA525	47		XA523	47			16B	9		TRW140	51	TRW140	00	1	TD4	D1		25B	
55283		XA523	47									TRW140	52	TRW14A	01	1	TQ2	D4		25B	
55284		XA536	66		XA537	68			16B	9		TRW19A	51	TRW19A	00	1	TQ2	E1		31A	
55285		XA537	68									TRW19A	52	TRW190	01	1	TQ2	E1		32A	
55286		XA425	08		XA537	66			16B	9		TRW190	51	TREW1I	01	1	TDD	A1		06A	
55287		XA537	66									TRW190	52	TRW190	00	1	TQ2	E1		31A	
55290		XA523	60		XA525	52			16B	9		TRW20A	51	TRW20A	00	1	TQ2	E2		28A	
55291		XA525	52									TRW20A	52	TRW140	01	2	TD4	D1		24A	
55292		XA414	75		XA522	60			16B	9		TRW22A	51	TREW2P	01	1	TDD	LP		37B	
55293		XA522	60									TRW22A	52	TRW22A	00	1	TQ2	E2		28A	
55294		XA536	60		XA537	62			16B	9		TRW29A	51	TRW29A	00	1	TQ2	E2		28A	
55295		XA537	62									TRW29A	52	TRW290	01	1	TQ2	E2		29A	
55296		XA414	77		XA537	60			16B	9		TRW290	51	TREW2I	01	1	TDD	LI		38B	
55297		XA537	60									TRW290	52	TRW290	00	1	TQ2	E2		28A	
55300		XA525	54		XA523	57			16B	9		TRW30A	51	TRW140	01	3	TD4	D1		25A	
55301		XA523	57									TRW30A	52	TRW30A	00	1	TQ2	E3		30B	
55302		XA415	75		XA522	57			16B	9		TRW32A	51	TREW3P	01	1	TDD	LP		37B	
55303		XA522	57									TRW32A	52	TRW32A	00	1	TQ2	E3		30B	
55304		XA536	57		XA537	53			16B	9		TRW39A	51	TRW39A	00	1	TQ2	E3		30B	
55305		XA537	53									TRW39A	52	TRW390	01	1	TQ2	E3		28B	
55306		XA415	77		XA537	57			16B	9		TRW390	51	TREW3I	01	1	TDD	LI		38B	
55307		XA537	57									TRW390	52	TRW390	00	1	TQ2	E3		30B	
55310		XA525	56		XA523	63			16B	9		TRW40A	51	TRW140	01	4	TD4	D1		26A	
55311		XA523	63									TRW40A	52	TRW40A	00	1	TQ2	E4		33B	
55312		XA416	75		XA522	63			16B	9		TRW42A	51	TREW4P	01	1	TDD	LP		37B	
55313		XA522	63									TRW42A	52	TRW42A	00	1	TQ2	E4		33B	
55314		XA536	63		XA537	59			16B	9		TRW49A	51	TRW49A	00	1	TQ2	E4		33B	
55315		XA537	59									TRW49A	52	TRW490	01	1	TQ2	E4		31B	
55316		XA416	77		XA537	63			16B	9		TRW490	51	TREW4I	01	1	TDD	LI		38B	
									****	SIGNAL		TRW490		IS ON THE			NEXT PAGE		****		

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149017-800
CARD CAGE ASSY B, IFCU

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	PREFIX	CONNECTOR	PIN	TO IN	PREFIX	CONNECTOR	PIN	TO IN	MULTI GROUP	CODE	COLOR	IDENT										
55317		XA537	63										TRW490	52	TRW490	00	1	TQ2	E4		33B	
55318		XA421	03		XA421	69				16B	9		TR00BQ	51	TXDB01X	01	1	MUX	A1		02B	
55319		XA421	69		XA530	61				16B	9		TR00BQ	52	TW01DTA	01	1	MUX	E1		32A	
55320		XA530	61										TR00BQ	53	TR00BQ	00	1	TDD	J0		32B	OUTPUT DATA REG B1
55321		XA528	15		XA536	06				16B	9		TR00CA	51	TD00BQ	01	1	TDD	AQ		07B	
55322		XA536	06										TR00CA	52	TR00CA	00	1	TQ2	A1		05A	
55323		XA421	19		XA421	75				16B	9		TR01BQ	51	TXDB11X	01	1	MUX	B1		09B	
55324		XA421	75		XA530	55				16B	9		TR01BQ	52	TW01DTB	01	1	MUX	E2		35B	
55325		XA530	55										TR01BQ	53	TR01BQ	00	1	TDD	KQ		29B	
55326		XA528	03		XA536	01				16B	9		TR01CA	51	TD01BQ	01	1	TDD	BQ		02A	
55327		XA536	01										TR01CA	52	TR01CA	00	1	TQ2	A2		02B	
55328		XA422	03		XA421	70				16B	9		TR02BQ	51	TXDB21X	01	1	MUX	A1		02B	
55329		XA421	70		XA530	78				16B	9		TR02BQ	52	TW01DTC	01	1	MUX	E3		34A	
55330		XA530	78										TR02BQ	53	TR02BQ	00	1	TDD	LQ		36A	
55331		XA528	27		XA536	09				16B	9		TR02CA	51	TD02BQ	01	1	TDD	CQ		13B	
55332		XA536	09										TR02CA	52	TR02CA	00	1	TQ2	A3		04B	
55333		XA422	19		XA421	76				16B	9		TR03BQ	51	TXDB31X	01	1	MUX	B1		09B	
55334		XA421	76		XA530	74				16B	9		TR03BQ	52	TW01DTD	01	1	MUX	E4		37A	
55335		XA530	74										TR03BQ	53	TR03BQ	00	1	TDD	MQ		35B	
55336		XA528	17		XA536	15				16B	9		TR03CA	51	TD03BQ	01	1	TDD	DQ		08B	
55337		XA536	15										TR03CA	52	TR03CA	00	1	TQ2	A4		07B	
55338		XA423	03		XA423	69				16B	9		TR04BQ	51	TXDB41X	01	1	MUX	A1		02B	
55339		XA423	69		XA531	13				16B	9		TR04BQ	52	TW05DTA	01	1	MUX	E1		32A	
55340		XA531	13										TR04BQ	53	TR04BQ	00	1	TDD	AQ		06B	
55341		XA528	39		XA536	22				16B	9		TR04CA	51	TD04BQ	01	1	TDD	EQ		19B	
55342		XA536	22										TR04CA	52	TR04CA	00	1	TQ2	B1		12A	
55343		XA423	19		XA423	75				16B	9		TR05BQ	51	TXDB51X	01	1	MUX	B1		09B	
55344		XA423	75		XA531	07				16B	9		TR05BQ	52	TW05DTB	01	1	MUX	E2		35B	
55345		XA531	07										TR05BQ	53	TR05BQ	00	1	TDD	BQ		03A	
55346		XA528	29		XA536	14				16B	9		TR05CA	51	TD05BQ	01	1	TDD	FQ		14B	
55347		XA536	14										TR05CA	52	TR05CA	00	1	TQ2	B2		09A	
55348		XA424	03		XA423	70				16B	9		TR06BQ	51	TXDB61X	01	1	MUX	A1		02B	
55349		XA423	70		XA531	25				16B	9		TR06BQ	52	TW05DTC	01	1	MUX	E3		34A	
55350		XA531	25										TR06BQ	53	TR06BQ	00	1	TDD	CQ		12B	
55351		XA528	51		XA536	21				16B	9		TR06CA	51	TD06BQ	01	1	TDD	GQ		27B	
55352		XA536	21										TR06CA	52	TR06CA	00	1	TQ2	B3		10B	

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 UNIT ASSEMBLY NAME CARD CAGE ASSY B,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		SIGNAL DESCRIPTION	ECO NO
	PREFIX	CONNECTOR	PIN	SH. ID	PREFIX	CONNECTOR	PIN	SH. ID	MULTI GROUP	CODE	COLOR	IDENT									SPC INST	MISC		
55353		XA424	19			XA423	76			16B	9		TR07BQ	51	TX0B71X	01	1	MUX	B1		09B			
55354		XA423	76			XA531	19			16B	9		TR07BQ	52	TW05D TD	01	1	MUX	E4		37A			
55355		XA531	19										TR07BQ	53	TR07BQ	00	1	TDD	DQ		09B	OUTPUT DATA REG B1		
55356		XA528	41			XA536	27			16B	9		TR07CA	51	TD07BQ	01	1	TDD	HQ		22B			
55357		XA536	27										TR07CA	52	TR07CA	00	1	TQ2	B4		13B			
55358		XA421	07			XA421	71			16B	9		TR08BQ	51	TX0B01X	01	3	MUX	A1		04B			
55359		XA421	71			XA531	37			16B	9		TR08BQ	52	TW01D TA	01	2	MUX	E1		33B			
55360		XA531	37										TR08BQ	53	TR08BQ	00	1	TDD	FQ		18B	OUTPUT DATA REG B1		
55361		XA528	63			XA536	38			16B	9		TR08CA	51	TD08BQ	01	1	TDD	JQ		33B			
55362		XA536	38										TR08CA	52	TR08CA	00	1	TQ2	CI		18A			
55363		XA421	23			XA421	77			16B	9		TR09BQ	51	TXDB11X	01	3	MUX	B1		11B			
55364		XA421	77			XA531	31			16B	9		TR09BQ	52	TW01D TB	01	2	MUX	E2		36B			
55365		XA531	31										TR09BQ	53	TR09BQ	00	1	TDD	FQ		15B			
55366		XA528	53			XA536	30			16B	9		TR09CA	51	TD09BQ	01	1	TDD	KQ		28B			
55367		XA536	30										TR09CA	52	TR09CA	00	1	TQ2	C2		15A			
55368		XA422	07			XA421	72			16B	9		TR10BQ	51	TXDB21X	01	3	MUX	A1		04B			
55369		XA421	72			XA531	49			16B	9		TR10BQ	52	TW01D TC	01	2	MUX	E3		35A			
55370		XA531	49										TR10BQ	53	TR10BQ	00	1	TDD	GQ		26B			
55371		XA528	80			XA536	33			16B	9		TR10CA	51	TD10BQ	01	1	TDD	LQ		39A			
55372		XA536	33										TR10CA	52	TR10CA	00	1	TQ2	C3		16B			
55373		XA422	23			XA421	78			16B	9		TR11BQ	51	TXDB31X	01	3	MUX	B1		11B			
55374		XA421	78			XA531	43			16B	9		TR11BQ	52	TW01D TD	01	2	MUX	E4		38A			
55375		XA531	43										TR11BQ	53	TR11BQ	00	1	TDD	HQ		23B			
55376		XA528	65			XA536	39			16B	9		TR11CA	51	TD11BQ	01	1	TDD	MQ		34B			
55377		XA536	39										TR11CA	52	TR11CA	00	1	TQ2	C4		19B			
55378		XA423	07			XA423	71			16B	9		TR12BQ	51	TXDB41X	01	3	MUX	A1		04B			
55379		XA423	71			XA531	61			16B	9		TR12BQ	52	TW05D TA	01	2	MUX	E1		33B			
55380		XA531	61										TR12BQ	53	TR12BQ	00	1	TDD	JQ		32B			
55381		XA529	15			XA536	52			16B	9		TR12CA	51	TD12BQ	01	1	TDD	AQ		07B			
55382		XA536	52										TR12CA	52	TR12CA	00	1	TQ2	D1		24A			
55383		XA423	23			XA423	77			16B	9		TR13BQ	51	TXDB51X	01	3	MUX	B1		11B			
55384		XA423	77			XA531	55			16B	9		TR13BQ	52	TW05D TB	01	2	MUX	E2		36B			
55385		XA531	55										TR13BQ	53	TR13BQ	00	1	TDD	KQ		29B			
55386		XA529	03			XA536	46			16B	9		TR13CA	51	TD13BQ	01	1	TDD	BQ		02A			
55387		XA536	46										TR13CA	52	TR13CA	00	1	TQ2	D2		21A			

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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	IDENT											
55388		XA424	07		XA423	72				16B	9		TR148Q	51	TXDB61X	01	3	MUX	A1		04B		
55389		XA423	72		XA531	78				16B	9		TR148Q	52	TW05DTC	01	2	MUX	E3		35A		
55390		XA531	78										TR148Q	53	TR148Q	00	1	TDD	LQ		38A		
55391		XA529	27		XA536	45				16B	9		TR14CA	51	TD148Q	01	1	TDD	CQ		13B		
55392		XA536	45										TR14CA	52	TR14CA	00	1	TQ2	D3		24B		
55393		XA424	23		XA423	78				16B	9		TR158Q	51	TXDB71X	01	3	MUX	B1		11B		
55394		XA423	78		XA531	74				16B	9		TR158Q	52	TW050TD	01	2	MUX	E4		36A		
55395		XA531	74										TR158Q	53	TR158Q	00	1	TDD	MQ		35B		
55396		XA529	17		XA536	51				16B	9		TR15CA	51	TD158Q	01	1	TDD	DQ		08B		
55397		XA536	51										TR15CA	52	TR15CA	00	1	TQ2	D4		27B		
55398		XA421	09		XA422	69				16B	9		TR168Q	51	TXDB01X	01	4	MUX	A1		05B		
55399		XA422	69		XA532	13				16B	9		TR168Q	52	TW02DTA	01	1	MUX	E1		32A		
55400		XA532	13										TR168Q	53	TR168Q	00	1	TDD	A0		06B	OUTPUT DATA REG B1	
55401		XA529	39		XA537	06				16B	9		TR16CA	51	TD168Q	01	1	TDD	EQ		19B		
55402		XA537	06										TR16CA	52	TR16CA	00	1	TQ2	A1		05A		
55403		XA421	25		XA422	75				16B	9		TR178Q	51	TXDB11X	01	4	MUX	B1		12B		
55404		XA422	75		XA532	07				16B	9		TR178Q	52	TW02DTB	01	1	MUX	E2		35B		
55405		XA532	07										TR178Q	53	TR178Q	00	1	TDD	BQ		03A		
55406		XA529	29		XA537	01				16B	9		TR17CA	51	TD178Q	01	1	TDD	FQ		14B		
55407		XA537	01										TR17CA	52	TR17CA	00	1	TQ2	A2		02B		
55408		XA422	09		XA422	70				16B	9		TR188Q	51	TXDB21X	01	4	MUX	A1		05B		
55409		XA422	70		XA532	25				16B	9		TR188Q	52	TW02DTC	01	1	MUX	E3		34A		
55410		XA532	25										TR188Q	53	TR188Q	00	1	TDD	CQ		12B		
55411		XA529	51		XA537	09				16B	9		TR18CA	51	TD188Q	01	1	TDD	GQ		27B		
55412		XA537	09										TR18CA	52	TR18CA	00	1	TQ2	A3		04B		
55413		XA422	25		XA422	76				16B	9		TR198Q	51	TXDB31X	01	4	MUX	B1		12B		
55414		XA422	76		XA532	19				16B	9		TR198Q	52	TW02DTD	01	1	MUX	E4		37A		
55415		XA532	19										TR198Q	53	TR198Q	00	1	TDD	DQ		09B		
55416		XA529	41		XA537	15				16B	9		TR19CA	51	TD198Q	01	1	TDD	HQ		22B		
55417		XA537	15										TR19CA	52	TR19CA	00	1	TQ2	A4		07B		
55418		XA423	09		XA424	69				16B	9		TR208Q	51	TXDB41X	01	4	MUX	A1		05B		
55419		XA424	69		XA532	37				16B	9		TR208Q	52	TW06DTA	01	1	MUX	E1		32A		
55420		XA532	37										TR208Q	53	TR208Q	00	1	TDD	EQ		18B		
55421		XA529	63		XA537	22				16B	9		TR20CA	51	TD208Q	01	1	TDD	JQ		33B		
55422		XA537	22										TR20CA	52	TR20CA	00	1	TQ2	B1		12A		

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DRAWING NUMBER 149017-800 STRING
 UNIT ASSEMBLY NAME CARD CAGE ASSY B,IFCU

UNIT ASSEMBLY NO. 149017
 FILE IDENT T39CFC7

REV E INDEX TR20CA
 DATE 09-03-82 PAGE 261

RECORD NUMBER	FROM				TO				WIRE				SFC INST MISC	SIGNAL	SEQ NO	EQUATION	TERM	FACTOR	CKT OR CHIP TYPE	GROUP	LOAD OR POWER PLANE	TEST POINTS AND OR	SIGNAL DESCRIPTION	ECO NO
	PREFIX	CONNECTOR	PIN	SH F6	PREFIX	CONNECTOR	PIN	SH F6	MULTI GROUP	CODE	COLOR	IDENT												
55423		XA423	25		XA424	75				168	9		TR21BQ	51	TXDB51X	01	4	MUX	B1		12B			
55424		XA424	75		XA532	31				168	9		TR21BQ	52	TW06DTB	01	1	MUX	E2		35B			
55425		XA532	31										TR21BQ	53	TR21BQ	00	1	TDD	FQ		15B			
55426		XA529	53		XA537	14				168	9		TR21CA	51	TD21BQ	01	1	TDD	KQ		28B			
55427		XA537	14										TR21CA	52	TR21CA	00	1	TQ2	B2		09A			
55428		XA424	09		XA424	70				168	9		TR22BQ	51	TXDB61X	01	4	MUX	A1		05B			
55429		XA424	70		XA532	49				168	9		TR22BQ	52	TW06DTC	01	1	MUX	E3		34A			
55430		XA532	49										TR22BQ	53	TR22BQ	00	1	TDD	GQ		24B			
55431		XA537	21		XA529	80				168	9		TR22CA	51	TR22CA	00	1	TQ2	B3		10B			
55432		XA529	80										TR22CA	52	TD22BQ	01	1	TDD	LQ		39A			
55433		XA424	25		XA424	76				168	9		TR23BQ	51	TXDB71X	01	4	MUX	B1		12B			
55434		XA424	76		XA532	43				168	9		TR23BQ	52	TW06DTD	01	1	MUX	F4		37A			
55435		XA532	43										TR23BQ	53	TR23BQ	00	1	TDD	HQ		23B	OUTPUT DATA REG 81		
55436		XA529	65		XA537	27				168	9		TR23CA	51	TD23BQ	01	1	TDD	MQ		34B			
55437		XA537	27										TR23CA	52	TR23CA	00	1	TQ2	B4		13B			
55438		XA421	05		XA422	71				168	9		TR24BQ	51	TXDB01X	01	2	MUX	A1		03B			
55439		XA422	71		XA532	61				168	9		TR24BQ	52	TW02DTA	01	2	MUX	E1		33B			
55440		XA532	61										TR24BQ	53	TR24BQ	00	1	TDD	JQ		32B	OUTPUT DATA REG 81		
55441		XA537	38		XA530	15				168	9		TR24CA	51	TR24CA	00	1	TQ2	C1		18A			
55442		XA530	15										TR24CA	52	TD24BQ	01	1	TDD	AQ		07B			
55443		XA421	21		XA422	77				168	9		TR25BQ	51	TXDB11X	01	2	MUX	B1		10B			
55444		XA422	77		XA532	55				168	9		TR25BQ	52	TW02DTB	01	2	MUX	F2		36B			
55445		XA532	55										TR25BQ	53	TR25BQ	00	1	TDD	KQ		29B			
55446		XA530	03		XA537	30				168	9		TR25CA	51	TD25BQ	01	1	TDD	BQ		02A			
55447		XA537	30										TR25CA	52	TR25CA	00	1	TQ2	C2		15A			
55448		XA422	05		XA422	72				168	9		TR26BQ	51	TXDB21X	01	2	MUX	A1		03B			
55449		XA422	72		XA532	78				168	9		TR26BQ	52	TW02DTC	01	2	MUX	E3		35A			
55450		XA532	78										TR26BQ	53	TR26BQ	00	1	TDD	LQ		38A			
55451		XA537	33		XA530	27				168	9		TR26CA	51	TR26CA	00	1	TQ2	C3		14B			
55452		XA530	27										TR26CA	52	TD26BQ	01	1	TDD	CQ		13B			
55453		XA422	21		XA422	78				168	9		TR27BQ	51	TXDB31X	01	2	MUX	B1		10B			
55454		XA422	78		XA532	74				168	9		TR27BQ	52	TW02DTD	01	2	MUX	F4		38A			
55455		XA532	74										TR27BQ	53	TR27BQ	00	1	TDD	MQ		35B			
55456		XA530	17		XA537	39				168	9		TR27CA	51	TD27BQ	01	1	TDD	DQ		08B			
55457		XA537	39										TR27CA	52	TR27CA	00	1	TQ2	C4		19B			

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DRAWING NUMBER 149017-800 STRING
 UNIT ASSEMBLY NAME CARD CAGE ASSY B,IFCU

UNIT ASSEMBLY NO. 149017
 FILE IDENT T39C1FC7

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 DATE 09-03-82 PAGE 262

RECORD NUMBER	FROM				TO				WIRE				SIGNAL	SEQ NO	EQUATION	TERM	FACTOR	CKT OR CHIP TYPE	GROUP	LOAD OR POWER PLANE	TEST POINTS AND/OR	SIGNAL DESCRIPTION	ECO NO
	PREFIX	CONNECTOR	PIN	REF	PREFIX	CONNECTOR	PIN	REF	MULTI GROUP	CODE	COLOR	IDENT											
55458		XA423	05		XA424	71				168	9		TR28BQ	51	TXDB41X	01	2	MUX	A1		03B		
55459		XA424	71		XA533	13				168	9		TR28BQ	52	TW06DTA	01	2	MUX	E1		33B		
55460		XA533	13										TR28BQ	53	TR28BQ	00	1	TDD	AQ		06B		
55461		XA537	52		XA530	39				168	9		TR28CA	51	TR28CA	00	1	TQ2	D1		24A		
55462		XA530	39										TR28CA	52	TD28BQ	01	1	TDD	EQ		19B		
55463		XA423	21		XA424	77				168	9		TR29BQ	51	TXDB51X	01	2	MUX	B1		10B		
55464		XA424	77		XA533	07				168	9		TR29BQ	52	TW06DTB	01	2	MUX	E2		36B		
55465		XA533	07										TR29BQ	53	TR29BQ	00	1	TDD	BQ		03A		
55466		XA537	46		XA530	29				168	9		TR29CA	51	TR29CA	00	1	TQ2	D2		21A		
55467		XA530	29										TR29CA	52	TD29BQ	01	1	TDD	FQ		14B		
55468		XA424	05		XA424	72				168	9		TR30BQ	51	TXDB61X	01	2	MUX	A1		03B		
55469		XA424	72		XA533	25				168	9		TR30BQ	52	TW06DTC	01	2	MUX	E3		35A		
55470		XA533	25										TR30BQ	53	TR30BQ	00	1	TDD	CQ		12B		
55471		XA530	51		XA537	45				168	9		TR30CA	51	TD30BQ	01	1	TDD	GQ		27B		
55472		XA537	45										TR30CA	52	TR30CA	00	1	TQ2	D3		24B		
55473		XA424	21		XA424	78				168	9		TR31BQ	51	TXDB71X	01	2	MUX	B1		10B		
55474		XA424	78		XA533	19				168	9		TR31BQ	52	TW06DTD	01	2	MUX	E4		38A		
55475		XA533	19										TR31BQ	53	TR31BQ	00	1	TDD	DQ		09B	OUTPUT DATA REG B1	
55476		XA537	51		XA530	41				168	9		TR31CA	51	TR31CA	00	1	TQ2	D4		27B		
55477		XA530	41										TR31CA	52	TD31BQ	01	1	TDD	HQ		22B		
55478		XA503	47		XA424	17				168	9		TSBZY0	51	TSBZY0	00	1	TS8	D1		25B	CONTROLLER BUSY	
55479		XA424	17										TSBZY0	52	TXDB61X	01	8	MUX	A1		08B		
55480		XA509	63		XA503	71				168	9		TSCI1A	51	TSCI1A	00	1	TT3	E3		33B		
55481		XA503	71										TSCI1A	52	TINT10	01	1	TS8	F1		36A		
55532		XA409	61		XA409	49				168	9		TSCK1B	51	TSTP6A	01	3	TT3	E3		32B		
55533		XA409	49		XA409	48				168	9		TSCK1B	52	TFST4A	01	3	TT3	D3		26B		
55534		XA409	48		XA410	50				168	9		TSCK1B	53	TFST2A	01	3	TT3	D2		22A		
55535		XA410	50		XA411	39				168	9		TSCK1B	54	TSTR6A	01	4	TD4	D2		23A		
55536		XA411	39		XA410	36				168	9	P	TSCN10	55	TSCK1B	04	1	TQ2	C4		19B		
55537		XA410	36		XA411	33				168	9		TSCK1B	56	TSTR4A	01	4	TD4	C2		17A		
55538		XA411	33		XA411	38				168	9	P	TSCM10	57	TSCK1B	03	1	TQ2	C3		16B		
55539		XA411	38		XA411	30				168	9	P	TSCK10	58	TSCK1B	01	1	TQ2	C1		18A	PHASE 1 OF 2 PHASE	
55540		XA411	30		XA410	26				168	9	P	TSCL10	59	TSCK1B	02	1	TQ2	C2		15A		
55541		XA410	26		XA406	13				168	9		TSCK1B	60	TSTR2A	01	4	TD4	B1		14A		
55542		XA406	13		XA406	73				168	9		TSCK1B	61	TRWS1A	01	2	TQ2	A4		06B		
55543		XA406	73		XA502	25				168	9		TSCK1B	62	TFST3A	01	2	TQ2	F2		36B		
55544		XA502	25		XA510	48				168	9		TSCK1B	63	TBSY0A	01	7	TS8	B1		12B		
55512		XA510	48		XA509	56				168	9		TSCK1B	81	TWRI6A	01	3	TT3	D2		22A		
										****	SIGNAL	TSCK1B	IS ON THE NEXT PAGE				****						

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DRAWING NUMBER 149017-800 STRING
 UNIT ASSEMBLY NAME CARD CAGE ASSY B,IFCU

UNIT ASSEMBLY NO. 149017
 FILE IDENT T39C1F7

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 DATE 09-03-82 PAGE 263

RECORD NUMBER	FROM			TO			WIRE				SFC INST MISC	SIGNAL	SEQ NO	EQUATION	TERM	FACTOR	CKT OR CHIP TYPE	GROUP	LOAD OR POWER PLANE	TEST POINTS		SIGNAL DESCRIPTION	ECO NO
	PREFIX	CONNECTOR	PIN	PREFIX	CONNECTOR	PIN	SH FG	MULTI GROUP	CODE	COLOR										IDENT	AND		
55513		XA509	56		XA512	61			168	9		TSCK1B	82	TLAD2A	01	3	TT3	D1		26A			
55514		XA512	61		XA511	64			168	9		TSCK1B	83	TLCC3A	01	2	TQ2	E4		32B			
55515		XA511	64		XA509	79			168	9		TSCK1B	84	TWR15A	01	2	TQ2	E2		30A			
55516		XA509	79		XA506	74			168	9		TSCK1B	85	TLAD0A	01	3	TT3	F1		39B			
55517		XA506	74		XA504	75			168	9		TSCK1B	86	TREQ1A	01	2	TQ2	F3		35B			
55518		XA504	75		XA504	64			168	9		TSCK1B	87	TREQ0A	01	5	TS8	F1		37B			
55519		XA504	64		XA505	37			168	9		TSCK1B	88	TWR11A	01	5	TS8	E1		30A			
55520		XA505	37		XA505	20			168	9		TSCK1B	89	TLAD3A	01	2	TQ2	C4		18B			
55521		XA505	20		XA506	20			168	9		TSCK1B	90	TSNC3A	01	2	TQ2	B2		11A			
55522		XA506	20		XA508	26			168	9		TSCK1B	91	TSNC2A	01	2	TQ2	B2		11A			
55523		XA508	26		XA510	26			168	9		TSCK1B	92	TNSG2A	01	4	TD4	B1		14A			
55524		XA510	26		XA510	13			168	9		TSCK1B	93	TNSG4A	01	3	TT3	B1		14A			
55525		XA510	13		XA513	10			168	9		TSCK1B	94	TWR04A	01	3	TT3	A3		06B		C09	
55527		XA513	10		XA514	10			168	9		TSCK1B	96	TWR01N	01	1	TDD	AN		07A		C09	
55528		XA514	10									TSCK1B	97	TWR00N	01	1	TDD	AN		07A		C09	
55545		XA411	38								J	TSCK10	51	TSCK10	00	1	TQ2	C1		18A	TSCK1B BUSS		
55581		XA504	54		XA505	25			168	9		TSCK3B	01	TRTD3A	01	7	TS8	D1		25A			
55582		XA505	25		XA504	25			168	9		TSCK3B	02	TREQ2A	01	2	TQ2	B4		12B			
55583		XA504	25		XA503	22			168	9		TSCK3B	03	TRTD1A	01	7	TS8	B1		12B			
55584		XA503	22		XA503	07			168	9		TSCK3B	04	TNDA2A	01	5	TS8	B1		12A			
55585		XA503	07		XA504	10			168	9		TSCK3B	05	TNSG0A	01	5	TS8	A1		03A			
55586		XA504	10		XA508	07			168	9		TSCK3B	06	TRTD0A	01	7	TS8	A1		07A			
55587		XA508	07		XA509	03			168	9		TSCK3B	07	TNSGEA	01	4	TD4	A2		03A			
55588		XA509	03		XA508	20			168	9		TSCK3B	08	TWR05A	01	2	TT3	A2		02A			
55589		XA508	20		XA508	34			168	9		TSCK3B	09	TNSGJA	01	4	TD4	B2		11A			
51284		XA508	34		XA509	25			168	9		TSCK3B	10	TEST6A	01	3	TD4	C2		16A			
55590		XA509	25		XA510	25			168	9		TSCK3B	11	TNSGAA	01	3	TT3	B3		12B			
55591		XA510	25		XA509	30			168	9		TSCK3B	12	TNSGKA	01	3	TT3	B3		12B			
55592		XA509	30		XA511	31			168	9		TSCK3B	13	TNSG1A	01	2	TT3	C2		15A			
55593		XA511	31		XA511	37			168	9		TSCK3B	14	TNSG6A	01	2	TQ2	C3		15B			
55594		XA511	37		XA511	50			168	9		TSCK3B	15	TNSG7A	01	2	TQ2	C4		18B			
55595		XA511	50		XA512	49			168	9		TSCK3B	50	TNSG3A	01	2	TQ2	D2		23A			
55596		XA512	49		XA512	25			168	9		TSCK3B	51	TWR13A	01	2	TQ2	D4		26B		C09	
55597		XA512	25		XA511	19			168	9		TSCK3B	52	TLCC1A	01	2	TQ2	B4		12B		C09	
55598		XA511	19		XA510	18			168	9		TSCK3B	53	TWR01A	01	2	TQ2	B3		09B			
55599		XA510	18		XA511	10			168	9		TSCK3B	54	TNSGCA	01	3	TT3	B2		10A			
55600		XA511	10		XA515	13			168	9		TSCK3B	55	TSNC1A	01	2	TQ2	A1		07A			
55601		XA515	13		XA515	20			168	9		TSCK3B	56	TLCC0A	01	4	TD4	A1		06B			
55602		XA515	20		XA418	79			168	9		TSCK3B	57	TFPE1A	01	4	TD4	B2		11A			
55603		XA418	79		XA417	70			168	9		TSCK3B	58	TEST0A	01	8	TS8	F1		39B			
55610		XA417	70		XA415	60			168	9		TSCK3B	59	TCSD1N	01	1	TDD	JN		33A		A02	
55605		XA415	60		XA411	60			168	9		TSCK3B	60	TCSD2N	01	1	TDD	KN		28A			
55606		XA411	60		XA411	57			168	9	P	TSCL30	61	TSCK3B	02	1	TQ2	E2		28A			
55607		XA411	57		XA411	63			168	9	P	TSCM30	62	TSCK3B	03	1	TQ2	E3		30B			
55608		XA411	63		XA411	66			168	9	P	TSCN30	63	TSCK3B	04	1	TQ2	E4		33B			
55609		XA411	66		XA409	62			168	9	P	TSC30	64	TSCK3B	01	1	TQ2	E1		31A	PHASE 3 OF 2 PHASE		
55610		XA409	62		XA408	70			168	9		TSCK3B	65	FSTP2A	01	3	TT3	E2		29A			
55611		XA408	70		XA406	74			168	9		TSCK3B	66	TSTP1A	01	2	TQ2	F1		33A			
											****	SIGNAL	(TSCK3B)	IS ON THE NEXT PAGE				****					

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DRAWING NUMBER 149017-800 STRING
 UNIT ASSEMBLY NAME CARD CAGE ASSY B,IFCU

UNIT ASSEMBLY NO. 149017
 FILE IDENT T39CFC7

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 DATE 09-03-82 PAGE 264

RECORD NUMBER	FROM				TO				WIRE			SFC INST MISC	SIGNAL	SEQ NO	EQUATION	TERM	FACTOR	CKT OR CHIP TYPE	GROUP	LOAD OR POWER PLANE	TEST POINTS AND/OR	SIGNAL DESCRIPTION	ECO NO
	PREFIX	CONNECTOR	PIN	SH FC	PREFIX	CONNECTOR	PIN	SH FC	MULTI-GROUP	CODE	COLOR												
55612		XA406	74		XA408	55			168	9			TSCK3B	67	TSTR1A	01	2	TQ2	F3		35B		
55613		XA408	55		XA410	79			168	9			TSCK3B	68	TFST1A	01	2	TQ2	E3		29B		
55614		XA410	79		XA409	18			168	9			TSCK3B	69	TNSGDA	01	4	TD4	F1		39B		
55615		XA409	18		XA410	20			168	9			TSCK3B	70	TRWS2A	01	3	TT3	B2		10A		
55616		XA410	20		XA406	25			168	9			TSCK3B	71	TRWS4A	01	4	TD4	B2		11A		
55617		XA406	25		XA406	07			168	9			TSCK3B	72	TRWS0A	01	2	TQ2	B4		12B		
55618		XA406	07										TSCK3B	73	TRWS3A	01	2	TQ2	A3		03A		
55619		XA411	66									J	TSCK30	51	TSCK30	00	1	TQ2	E1		31A	TSCK3B BUSS	
554267		XA524	62		XA431	72			168	9			TSCL1B	51	THSPRA	01	3	TT3	E2		29A	004	
55483		XA431	72		XA525	07			168	9			TSCL1B	52	TSTP8A	01	3	TT3	F2		34A		
55484		XA525	07		XA526	70			168	9			TSCL1B	53	TCSD0A	01	4	TD4	A2		03A	C09	
54652		XA526	70		XA526	60			168	9			TSCL1B	55	TKA02N	01	1	TDD	JN		33A	A02	
55487		XA526	60		XA523	50			168	9			TSCL1B	56	TM04BN	01	1	TDD	KN		28A		
55488		XA523	50		XA524	48			168	9			TSCL1B	57	TB0T3A	01	2	TQ2	D2		23A		
55489		XA524	48		XA524	42			168	9			TSCL1B	58	TWRG8A	01	3	TT3	D2		22A		
55490		XA524	42		XA524	34			168	9			TSCL1B	59	TB0T2A	01	3	TT3	C1		20A		
55491		XA524	34		XA525	26			168	9			TSCL1B	60	TWEN1A	01	3	TT3	C2		16A		
55492		XA525	26		XA524	25			168	9			TSCL1B	61	TCSD2A	01	4	TD4	B1		14A		
55493		XA524	25		XA522	26			168	9			TSCL1B	62	UE0T2A	01	3	TT3	B3		12B	C09	
55494		XA522	26		XA518	37			168	9			TSCL1B	63	UE0T3A	01	2	TQ2	B1		14A	C09	
55495		XA518	37		XA518	49			168	9			TSCL1B	64	TWR14A	01	3	TT3	C3		18B		
55496		XA518	49		XA518	48			168	9			TSCL1B	65	TLCC6A	01	3	TT3	D3		26B		
55497		XA518	48		XA518	56			168	9			TSCL1B	66	TLCC4A	01	3	TT3	D2		22A		
55498		XA518	56		XA517	79			168	9			TSCL1B	67	TLRCCA	01	3	TT3	D1		26A		
55499		XA517	79		XA515	70			168	9			TSCL1B	68	TWRG3A	01	2	TQ2	F1		39B		
55500		XA515	70		XA514	56			168	9			TSCL1B	69	TWRG2A	01	4	TD4	E1		33A		
55501		XA514	56		XA514	42			168	9			TSCL1B	70	TKA01N	01	1	TDD	GN		26A		
55502		XA514	42		XA515	42			168	9			TSCL1B	71	TM03BN	01	1	TDD	EN		20A		
55503		XA515	42		XA515	36			168	9			TSCL1B	72	TWRG6A	01	4	TD4	C1		20A		
55504		XA515	36		XA515	26			168	9			TSCL1B	73	TWRG4A	01	4	TD4	C2		17A		
55505		XA515	26		XA514	26			168	9			TSCL1B	74	TWENOA	01	4	TD4	B1		14A		
55506		XA514	26		XA513	26			168	9			TSCL1B	75	TREQ1N	01	1	TDD	CN		14A		
55507		XA513	26		XA512	20			168	9			TSCL1B	76	TREQ0N	01	1	TDD	CN		14A		
55508		XA512	20		XA512	19			168	9			TSCL1B	77	TWRQ2A	01	2	TQ2	B2		11A		
55509		XA512	19		XA512	37			168	9			TSCL1B	78	TWRQ3A	01	2	TQ2	B3		09B		
55510		XA512	37		XA511	36			168	9			TSCL1B	79	TNSG5A	01	2	TQ2	C4		18B		
55511		XA511	36		XA411	52			168	9			TSCL1B	80	TWRQ7A	01	2	TQ2	C2		17A		
55620		XA411	52		XA411	51			168	9		P	TSCPI0	81	TSCL1B	01	1	TQ2	D1		24A		
55621		XA411	51		XA411	45			168	9		P	TSCS10	82	TSCL1B	04	1	TQ2	D4		27B		
55622		XA411	45		XA411	46			168	9		P	TSCR10	83	TSCL1B	03	1	TQ2	D3		24B		
55623		XA411	46									P	TSCQ10	84	TSCL1B	02	1	TQ2	D2		21A		
55624		XA411	30									J	TSCL10	51	TSCL10	00	1	TQ2	C2		15A	TSCK1B BUSS	
55547		XA437	77		XA433	79			168	9			TSCL3B	52	TDRSCA	01	6	TS8	F1		38B		
55548		XA433	79		XA524	78			168	9			TSCL3B	53	TSTP4A	01	4	TD4	F1		39B		
55549		XA524	78		XA525	13			168	9			TSCL3B	54	TTRSCA	01	3	TT3	F3		38A	C09	
55309		XA525	13		XA523	56			168	9			TSCL3B	55	TREQ3A	01	4	TD4	A1		06B	C09	
									***		SIGNAL		TSCL3B		IS ON THE			NEXT PAGE		***			

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DRAWING NUMBER 149017-800 STRING
 UNIT ASSEMBLY NAME CARD CAGE ASSY B,IFCU

UNIT ASSEMBLY NO. 149017
 FILE IDENT T39C1FC7

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 DATE 09-03-82 PAGE 265

RECORD NUMBER	FROM				TO				WIRE				SIGNAL	SEQ NO	EQUATION	TERM	FACTOR	CKT OR CHIP TYPE	GROUP	LOAD OR POWER PLANE	TEST POINTS		SIGNAL DESCRIPTION	ECO NO
	PREFIX	CONNECTOR	PIN	SH TO	PREFIX	CONNECTOR	PIN	SH TO	MULTI GROUP	CODE	COLOR	IDENT									AND	OR		
55551		XA523	56		XA521	56				168	9		TSCL3B	56	TBOT4A	01	2	TQ2	D1		26A			
55552		XA521	56		XA521	66				168	9		TSCL3B	57	TNTOCA	01	8	TS8	D1		26A			
55553		XA521	66		XA522	42				168	9		TSCL3B	58	TRRCOA	01	6	TS8	E1		31A			
55554		XA522	42		XA523	42				168	9		TSCL3B	59	TEOTOA	01	2	TQ2	C1		20A			
55555		XA523	42		XA525	42				168	9		TSCL3B	60	TBOTOA	01	2	TQ2	C1		20A			
55556		XA525	42		XA525	36				168	9		TSCL3B	61	TBOT1A	01	4	TD4	C1		20A			
55557		XA525	36		XA525	20				168	9		TSCL3B	62	TSTROA	01	4	TD4	C2		17A			
55558		XA525	20		XA522	20				168	9		TSCL3B	63	TEOT1A	01	4	TD4	B2		17A			
55559		XA522	20		XA521	26				168	9		TSCL3B	64	UEOT4A	01	2	TQ2	B2		11A		C09	
55560		XA521	26		XA521	37				168	9		TSCL3B	65	TRTOCA	01	8	TS8	B1		14A			
55561		XA521	37		XA515	50				168	9		TSCL3B	66	TRWCOA	01	5	TS8	C1		18B			
55562		XA515	50		XA515	64				168	9		TSCL3B	67	TNDA1A	01	4	TD4	D2		23A			
55563		XA515	64		XA515	74				168	9		TSCL3B	68	TMCPOA	01	4	TD4	E2		30A			
55564		XA515	74		XA516	74				168	9		TSCL3B	69	TLCC2A	01	4	TD4	F2		35B			
55565		XA516	74		XA515	79				168	9		TSCL3B	70	TWRG1A	01	2	TQ2	F3		35B			
55566		XA515	79		XA510	79				168	9		TSCL3B	71	TREN1A	01	4	TD4	F1		35B			
55567		XA510	79		XA509	78				168	9		TSCL3B	72	TCRSCA	01	3	TT3	F1		39B			
55568		XA509	78		XA509	70				168	9		TSCL3B	73	TNSGMA	01	3	TT3	F3		38A			
55569		XA509	70		XA508	70				168	9		TSCL3B	74	UIN7A	01	3	TT3	E1		33A		C09	
55570		XA508	70		XA507	68				168	9		TSCL3B	75	TWR12A	01	4	TD4	F1		33A			
55571		XA507	68		XA509	61				168	9		TSCL3B	76	TREQ4A	01	7	TS8	E1		32A			
55572		XA509	61		XA509	62				168	9		TSCL3B	77	TSCL1A	01	3	TT3	F3		32B			
55573		XA509	62		XA508	48				168	9		TSCL3B	78	TINT9A	01	3	TT3	E2		29A			
55574		XA508	48		XA507	37				168	9		TSCL3B	79	TNSG1A	01	3	TD4	D2		22A			
55575		XA507	37		XA506	37				168	9		TSCL3B	80	TWRQ0A	01	5	TS8	C1		18B			
55576		XA506	37		XA504	40				168	9		TSCL3B	81	TLAD1A	01	2	TQ2	C4		18B			
55577		XA504	40		XA503	37				168	9		TSCL3B	82	TRTD2A	01	7	TS8	C1		19A			
55578		XA503	37		XA502	37				168	9		TSCL3B	83	TRTDPA	01	5	TS8	C1		18B			
55579		XA502	37		XA502	54				168	9		TSCL3B	84	TSNCOA	01	5	TS8	C1		18B			
55580		XA502	54		XA411	80				168	9		TSCL3B	85	TRMROA	01	7	TS8	D1		25A			
55625		XA411	80		XA411	72				168	9	P	TSCS30	86	TSCL3B	04	1	TQ2	F4		39A			
55626		XA411	72		XA411	69				168	9	P	TSCQ30	87	TSCL3B	02	1	TQ2	F2		34A			
55627		XA411	69		XA411	75				168	9	P	TSCR30	88	TSCL3B	03	1	TQ2	F3		35A			
55628		XA411	75									P	TSCP30	89	TSCL3B	01	1	TQ2	F1		37B			
55629		XA411	60									J	TSCL30	51	TSCL30	00	1	TQ2	F2		28A	TSCK3B	BUSS	
55630		XA411	33									J	TSCM10	51	TSCM10	00	1	TQ2	C3		16B	TSCK1B	BUSS	
55631		XA411	57									J	TSCM30	51	TSCM30	00	1	TQ2	F3		30B	TSCK3B	BUSS	
55632		XA411	39									J	TSCN10	51	TSCN10	00	1	TQ2	C4		19B	TSCK1B	BUSS	
55633		XA411	63									J	TSCN30	51	TSCN30	00	1	TQ2	F4		33B	TSCK3B	BUSS	
55634		XA411	52									J	TSCP10	51	TSCP10	00	1	TQ2	D1		24A	TSCL1B	BUSS	
55635		XA411	75									J	TSCP30	51	TSCP30	00	1	TQ2	F1		37B	TSCL3B	BUSS	
55636		XA411	46									J	TSCQ10	51	TSCQ10	00	1	TQ2	D2		21A	TSCL1B	BUSS	

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DRAWING NUMBER 149017-800 STRING
 UNIT ASSEMBLY NAME CARD CAGE ASSY B,IFCU

UNIT ASSEMBLY NO. 149017
 FILE IDENT T39C1FC7

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 DATE 09-03-82 PAGE 266

RECORD NUMBER	FROM				TO				WIRE				SIGNAL	SEQ NO	EQUATION	TERM	FACTOR	CKT OR CHIP TYPE	GROUP	LOAD OR POWER PLANE	TEST POINTS AND OR	SIGNAL DESCRIPTION	ECO NO	
	PREFIX	CONNECTOR	PIN	SH FCG	PREFIX	CONNECTOR	PIN	SH FCG	MULTI GROUP	CODE	COLOR	IDENY												
55637		XA411	72										J	TSCQ30	51	TSCQ30	00	1	TQ2	F2		34A	TSCL3B BUSS	
55638		XA411	45										J	TSCR10	51	TSCR10	00	1	TQ2	D3		24B	TSCL1B BUSS	
55639		XA411	69										J	TSCR30	51	TSCR30	00	1	TQ2	F3		35A	TSCL3B BUSS	
55640		XA411	51										J	TSCS10	51	TSCS10	00	1	TQ2	D4		27B	TSCL1B BUSS	
55641		XA411	80										J	TSCS30	51	TSCS30	00	1	TQ2	F4		39A	TSCL3B BUSS	
55642		XA505	26		XA502	35			168	9			TSNCOA	51	TSNC1S	01	2	TQ2	B1		14A			
55643		XA502	35										TSNCOA	52	TSNCOA	00	1	TS8	C1		17B			
55644		XA412	41		XA410	47			168	9			TSNCOR	51	TSNCOS	01	1	TQ2	D3		22B			
55645		XA410	47		XA409	60			168	9			TSNCOR	52	TSNCOR	00	1	TD4	D1		25B			
55646		XA409	60		XA503	46			168	9			TSNCOR	53	TSTP2A	01	2	TT3	E2		28A			
55647		XA503	46										TSNCOR	54	TSBZY0	01	2	TS8	D1		21A			
55648		XA412	45		XA410	49			168	9			TSNCOS	51	TSNCOS	00	1	TQ2	D3		24B	INPUT SYNC COUNTER		
55649		XA410	49		XA502	30			168	9			TSNCOS	52	TSNCOR	01	1	TD4	D1		26B			
55650		XA502	30		XA511	76			168	9			TSNCOS	53	TSNCOA	01	1	TS8	C1		15A		C13	
51688		XA511	76										TSNCOS	55	USTP50	01	1	TQ2	F4		37A		C13	
55651		XA524	03		XA511	06			168	9			TSNC1A	51	TCSDOR	01	2	TT3	A2		02A			
55652		XA511	06		XA506	26			168	9			TSNC1A	52	TSNC1A	00	1	TQ2	A1		05A			
55653		XA506	26		XA506	10			168	9			TSNC1A	53	TSNC1R	01	2	TQ2	B1		14A		C13	
53309		XA506	10										TSNC1A	54	TLAD2R	01	2	TQ2	A1		07A		C13	
55654		XA506	22		XA505	24			168	9			TSNC1R	51	TSNC1R	00	1	TQ2	B1		12A			
55655		XA505	24		XA505	18			168	9			TSNC1R	52	TSNC1S	01	1	TQ2	B1		13A			
55656		XA505	18										TSNC1R	53	TSNC3A	01	1	TQ2	B2		10A			
55657		XA502	14		XA505	22			168	9			TSNC1S	51	TBSY0A	01	1	TS8	B1		09A			
55658		XA505	22		XA506	18			168	9			TSNC1S	52	TSNC1S	00	1	TQ2	B1		12A	INPUT SYNC COUNTER		
55659		XA506	18		XA506	24			168	9			TSNC1S	53	TSNC2A	01	1	TQ2	B2		10A			
55660		XA506	24		XA515	25			168	9			TSNC1S	54	TSNC1R	01	1	TQ2	B1		13A			
55661		XA515	25		XA518	54			168	9			TSNC1S	55	TWENOA	01	3	TD4	B1		12B			
55662		XA518	54		XA524	37			168	9			TSNC1S	56	TLRCCA	01	2	TT3	D1		25A			
55663		XA524	37		XA524	30			168	9			TSNC1S	57	TWEN2A	01	3	TT3	C3		18B			
55664		XA524	30										TSNC1S	58	TWEN1A	01	2	TT3	C2		15A			
55665		XA409	33		XA506	14			168	9			TSNC2A	51	TSRS00	01	1	TT3	C3		16B			
55666		XA506	14		XA505	19			168	9			TSNC2A	52	TSNC2A	00	1	TQ2	B2		09A			
55667		XA505	19										TSNC2A	53	TSNC2S	01	2	TQ2	B3		09B			
55668		XA502	31		XA505	17			168	9			TSNC2R	51	TSNCOA	01	2	TS8	C1		15B			
55669		XA505	17		XA506	21			168	9			TSNC2R	52	TSNC2S	01	1	TQ2	B3		08B			
55670		XA506	21		XA525	30			168	9			TSNC2R	53	TSNC2R	00	1	TQ2	B3		10B			
									****	SIGNAL			TSNC2R		IS ON THE						****			

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DRAWING NUMBER 149017-800 STRING
 UNIT ASSEMBLY NAME CARD CAGE ASSY B,IFCU

UNIT ASSEMBLY NO. 149017
 FILE IDENT T39C1FC7

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 DATE 09-03-82 PAGE 267

RECORD NUMBER	FROM			TO			WIRE				SIGNAL	SEQ NO	EQUATION	TERM	FACTOR	CKT OR CHIP TYPE	GROUP	LOAD OR POWER PLANE	TEST POINTS AND/OR	SIGNAL DESCRIPTION	ECO NO
	PREFIX	CONNECTOR	PIN	PREFIX	CONNECTOR	PIN	MULTI GROUP	CODE	COLOR	IDENT											
55671		XA525	30																		
54470		XA525	77		XA525	77			16B	9											C09
55672		XA509	57		XA505	21			16B	9											
55673		XA505	21		XA506	17			16B	9											
55674		XA506	17		XA511	08			16B	9											
55675		XA511	08		XA515	19			16B	9											
55676		XA515	19		XA418	71			16B	9											
55677		XA418	71		XA433	75			16B	9											
55678		XA433	75																		
55679		XA505	14		XA506	19			16B	9											
55680		XA506	19																		
55681		XA425	23		XA527	34			16B	9											
55682		XA527	34		XA515	04			16B	9											
55683		XA515	04		XA508	06			16B	9											
55684		XA508	06		XA505	56			16B	9											
55685		XA505	56																		
55686		XA425	25		XA409	66			16B	9											
55687		XA409	66		XA510	14			16B	9											
55688		XA510	14																		
55689		XA505	54		XA508	08			16B	9											
55690		XA508	08		XA515	07			16B	9											
55691		XA515	07		XA527	40			16B	9											
55692		XA527	40		XA425	21			16B	9											
55693		XA425	21																		
55694		XA425	19		XA508	01			16B	9											
55695		XA508	01																		
55696		XA426	46		XA425	24			16B	9											
55697		XA425	24																		
55698		XA425	18		XA426	38			16B	9											
55699		XA426	38																		
53089		XA550	48		XA543	67			16B	9											
58308		XA543	67																		B06
53088		XA550	47		XA543	75			16B	9											
55700		XA543	75		XA544	52			16B	9											
55701		XA544	52																		
55702		XA407	36		XA406	46			16B	9											
55703		XA406	46																		
55704		XA406	36		XA407	51			16B	9											
									****	SIGNAL	TSPI1A		IS ON THE	NEXT PAGE	****						

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DRAWING NUMBER 149017-800 STRING
 UNIT ASSEMBLY NAME CARD CAGE ASSY B,IFCU

UNIT ASSEMBLY NO. 149017
 FILE IDENT T39CFC7

REV E INDEX TSPT1A
 DATE 09-03-82 PAGE 268

RECORD NUMBER	FROM				TO				WIRE			SFC INET MISC	SIGNAL	SEQ NO	EQUATION	TERM	FACTOR	CKT OR CHIP TYPE	GROUP	LOAD OR POWER PLANE	TEST POINTS AND OR	SIGNAL DESCRIPTION	ECO NO	
	PREFIX	CONNECTOR	PIN	SH FC	PREFIX	CONNECTOR	PIN	SH FC	MULTI GROUP	CODE	COLOR													IDENT
55705		XA407	51										TSPI1A	52	TSPI1A	00	1	TQ2	D4		27B			
55707		XA540	21		XA519	25			16B	9			TSPNIR	52	TDSC2ER	01	2	EOR	B2		11B			
55708		XA519	25		XA407	34			16B	9			TSPNIR	53	TRUNCA	01	2	TQ2	B4		12B			
55709		XA407	34		XA406	30			16B	9			TSPNIR	54	TSPNIS	01	1	TQ2	C2		16A			
55710		XA406	30										TSPNIR	55	TSPNIR	00	1	TQ2	C2		15A			
55706		XA543	77		XA516	76			16B	9			TSPNIS	50	TSPDCD4	01	1	TLD	F1		38B		B04	
55711		XA516	76		XA518	65			16B	9			TSPNIS	51	TRENOA	01	1	TQ2	F4		37A			
55712		XA518	65		XA508	24			16B	9			TSPNIS	52	TREN2A	01	1	TT3	F2		34B		C02	
55713		XA508	24		XA407	30			16B	9			TSPNIS	53	TNSG2A	01	2	TD4	B1		13A		C09	
55714		XA407	30		XA406	34			16B	9			TSPNIS	54	TSPNIS	00	1	TQ2	C2		15A		OLD SPEED F/F (7.5	
55715		XA406	34		XA408	65			16B	9			TSPNIS	55	TSPNIR	01	1	TQ2	C2		16A		B04	
51194		XA408	65		XA408	78			16B	9			TSPNIS	56	TSTP9A	01	1	TQ2	F3		34B		C09	
51193		XA408	78										TSPNIS	58	TSTR5A	01	2	TQ2	F4		38A		C09	
55716		XA542	23		XA407	47			16B	9			TSPNSP	51	TSPNSP	00	1	TDD	CP		11B			
55717		XA407	47										TSPNSP	52	TSPI1A	01	1	TQ2	D4		25B			
55718		XA503	18		XA406	48			16B	9			TSPNSQ	51	TNDA2A	01	2	TS8	B1		10A			
55719		XA406	48		XA540	23			16B	9			TSPNSQ	52	TSPIOA	01	1	TQ2	D2		22A		C05	
55721		XA540	23		XA542	25			16B	9			TSPNSQ	54	TDSC2ER	01	1	EOR	B2		12B			
55722		XA542	25										TSPNSQ	55	TSPNSQ	00	1	TDD	CQ		12B		NEW SPEED	
55723		XA526	22		XA526	20			16B	9			TSR50A	51	TS30BP	01	1	TDD	CP		12A			
55724		XA526	20		XA526	06			16B	9			TSR50A	52	TS31BP	01	1	TDD	DP		11A			
55725		XA526	06		XA526	04			16B	9			TSR50A	53	TS14BP	01	1	TDD	AP		05A			
55726		XA526	04		XA406	33			16B	9			TSR50A	54	TS23BP	01	1	TDD	BP		04A			
55727		XA406	33										TSR50A	55	TSR50A	00	1	TQ2	C3		16B			
55728		XA409	39		XA407	29			16B	9			TSRS00	51	TSRS00	00	1	TT3	C3		19B			
55729		XA407	29		XA406	29			16B	9			TSRS00	52	TSRS1A	01	1	TQ2	C3		14B			
55730		XA406	29										TSRS00	53	TSRS0A	01	1	TQ2	C3		14B			
55731		XA526	52		XA526	50			16B	9			TSRS1A	51	TS30CP	01	1	TDD	GP		24A			
55732		XA526	50		XA526	38			16B	9			TSRS1A	52	TS31CP	01	1	TDD	HP		23A			
55733		XA526	38		XA526	36			16B	9			TSRS1A	53	TS26CP	01	1	TDD	EP		18A			
55734		XA526	36		XA407	33			16B	9			TSRS1A	54	TS29CP	01	1	TDD	FP		17A			
55735		XA407	33										TSRS1A	55	TSRS1A	00	1	TQ2	C3		16B			
55736		XA418	01		XA407	60			16B	9			TSTPRA	51	TCRS00	01	1	TS8	A1		02B			
55737		XA407	60										TSTPRA	52	TSTPRA	00	1	TQ2	F2		28A			
55738		XA418	75		XA525	18			16B	9			TSTPOR	51	TFST0A	01	5	TS8	F1		37B			
55739		XA525	18		XA525	38			16B	9			TSTPOR	52	TEOT1A	01	2	TD4	B2		10A			
55740		XA525	38		XA510	36			16B	9			TSTPOR	53	TBOT1A	01	2	TD4	C1		18A			
55741		XA510	36		XA509	13			16B	9			TSTPOR	54	TSTPOR	00	1	TT3	C1		17A			
55742		XA509	13		XA410	61			16B	9			TSTPOR	55	TSTRRA	01	3	TT3	A3		06B			
55743		XA410	61		XA409	29			16B	9			TSTPOR	56	TSTPOS	01	1	TD4	E1		32B			
55744		XA409	29		XA409	26			16B	9			TSTPOR	57	TSTRCO	01	1	TT3	C2		14B			
****												SIGNAL	TSTPOR	IS ON THE NEXT PAGE										****

H78-14 946

DRAWING NUMBER 149017-800 STRING
 UNIT ASSEMBLY NAME CARD CAGE ASSY B,IFCU

UNIT ASSEMBLY NO. 149017
 FILE IDENT T39CIFC7

REV E INDEX TSTP0R
 DATE 09-03-82 PAGE 269

RECORD NUMBER	FROM			SH 70	TO			SH 70	WIRE			SPEC INST MISC	SIGNAL	SEQ NO	EQUATION	TERM	FACTOR	CKT OR CHIP TYPE	GROUP	LOAD OR POWER PLANE	TEST POINTS		SIGNAL DESCRIPTION	ECO NO
	PREFIX	CONNECTOR	PIN		PREFIX	CONNECTOR	PIN		MULTI GROUP	CODE	COLOR										IDENT	AND		
55745		XA409	26		XA410	24			168	9		TSTP0R	58	TSTR1R	01	3	TT3	B1			14A			
55746		XA410	24									TSTP0R	59	TSTR2A	01	2	TD4	B1			13A			
55747		XA407	62		XA408	64			168	9		TSTPOS	51	TSTPRA	01	1	TQ2	E2			29A			
55748		XA408	64		XA409	57			168	9		TSTPOS	52	TSTP1R	01	2	TQ2	E2			30A			
55749		XA409	57		XA410	59			168	9		TSTPOS	53	TSTP6A	01	1	TT3	E3			30B			
55750		XA410	59		XA510	38			168	9		TSTPOS	54	TSTPOS	00	1	TD4	E1			31B	STOP DELAY BIT 0		
55751		XA510	38									TSTPOS	55	TSTP0R	01	1	TT3	C1			18A			
55752		XA510	40		XA408	66			168	9		TSTP1A	51	TSTP0R	01	2	TT3	C1			19A			
55753		XA408	66									TSTP1A	52	TSTP1A	00	1	TQ2	E1			31A			
55754		XA418	77		XA407	68			168	9		TSTP1R	51	TFST0A	01	6	TS8	F1			38B			
55755		XA407	68		XA407	64			168	9		TSTP1R	52	TSTP1S	01	1	TQ2	E1			32A			
55756		XA407	64		XA408	60			168	9		TSTP1R	53	TSTPRA	01	2	TQ2	E2			30A			
55757		XA408	60		XA409	30			168	9		TSTP1R	54	TSTP1R	00	1	TQ2	E2			28A			
55758		XA409	30									TSTP1R	55	TSTRCO	01	2	TT3	C2			15A			
55759		XA431	65		XA408	62			168	9		TSTP1S	51	TSTP8A	01	1	TT3	F2			34B			
55760		XA408	62		XA407	66			168	9		TSTP1S	52	TSTP1R	01	1	TQ2	E2			29A			
55761		XA407	66									TSTP1S	53	TSTP1S	00	1	TQ2	E1			31A	STOP DELAY BIT 1		
55762		XA410	68		XA409	55			168	9		TSTP2A	51	TSTPOS	01	3	TD4	E1			32A			
55763		XA409	55									TSTP2A	52	TSTP2A	00	1	TT3	E2			29B			
55764		XA407	23		XA409	34			168	9		TSTP2R	51	TTSC90	01	1	TQ2	B4			11B			
55765		XA409	34		XA409	65			168	9		TSTP2R	52	TSTRCO	01	3	TT3	C2			16A			
55766		XA409	65		XA408	75			168	9		TSTP2R	53	TSTP2S	01	1	TT3	F2			34B			
55767		XA408	75		XA418	78			168	9		TSTP2R	54	TSTP2R	00	1	TQ2	F1			37B			
55768		XA418	78									TSTP2R	55	TFST0A	01	7	TS8	F1			38A			
55769		XA406	56		XA406	50			168	9		TSTP2S	51	TDR10A	01	2	TQ2	D1			26A			
55770		XA406	50		XA407	49			168	9		TSTP2S	52	TSPI0A	01	2	TQ2	D2			23A			
55771		XA407	49		XA408	49			168	9		TSTP2S	53	TSPI1A	01	2	TQ2	D4			24B			
55772		XA408	49		XA408	68			168	9		TSTP2S	54	TDR11A	01	2	TQ2	D4			26B			
55773		XA408	68		XA409	74			168	9		TSTP2S	55	TSTP1A	01	1	TQ2	E1			32A			
55774		XA409	74		XA408	77			168	9		TSTP2S	56	TSTP2S	00	1	TT3	F2			35B	STOP DELAY BIT 2		
55775		XA408	77									TSTP2S	57	TSTP2R	01	1	TQ2	E1			38B			
55776		XA433	76		XA410	70			168	9		TSTP4A	51	TSTP4A	00	1	TD4	F1			37A			
55777		XA410	70									TSTP4A	52	TSTPOS	01	4	TD4	E1			33A			
55778		XA502	04		XA407	70			168	9		TSTP6A	51	TRUNAR	01	2	TS8	A1			04A			
55779		XA407	70		XA409	63			168	9		TSTP6A	52	TSTP1S	01	2	TQ2	F1			33A			
55780		XA409	63		XA431	76			168	9		TSTP6A	53	TSTP6A	00	1	TT3	E3			33B			
55781		XA431	76									TSTP6A	54	TSTR2R	01	2	TT3	F3			37A			
55782		XA431	74		XA409	71			168	9		TSTP8A	51	TSTP8A	00	1	TT3	F2			35B			
55783		XA409	71									TSTP8A	52	TSTP2S	01	2	TT3	F2			36A			
									****	SIGNAL		TSTP9A										IS ON THE NEXT PAGE	****	

H78-14 947

DRAWING NUMBER 149017-800 STRING
 UNIT ASSEMBLY NAME CARD CAGE ASSY B,IFCU

UNIT ASSEMBLY NO. 149017
 FILE IDENT T39CIFC7

REV E INDEX TSTP9A
 DATE 09-03-82 PAGE 270

RECORD NUMBER	FROM			SR TO	TO			WIRE			SFC INST MISC	SIGNAL	SEQ NO	EQUATION	TERM	FACTOR	CKT OR CHIP TYPE	GROUP	LOAD OR POWER PLANE	TEST POINTS AND/OR	SIGNAL DESCRIPTION	ECO NO
	PREFIX	CONNECTOR	PIN		PREFIX	CONNECTOR	PIN	SR	MULTI GROUP	CODE												
53209		XA408	69									TSTP9A	51	TSTP9A	00	1	TQ2	F3		35A		B04
51341		XA432	35			XA432	35					TSTP9A	52	TSTP90	01	1	TQ2	C4		17B		B04
53219		XA432	39			XA431	71					TSTP90	51	TSTP90	00	1	TQ2	C4		19B		B04
57888		XA431	71									TSTP90	52	TSTP8A	01	2	TT3	F2		36A		B04
55784		XA525	34			XA409	31					TSTRCO	51	TSTR0A	01	3	TD4	C2		16A		
55785		XA409	31									TSTRCO	52	TSTRCO	00	1	TT3	C2		15B		
55786		XA509	15			XA418	04					TSTRRA	51	TSTRRA	00	1	TT3	A3		07B		
55787		XA418	04									TSTRRA	52	TCRS00	01	2	T58	A1		04A		
55788		XA406	49			XA525	33					TSTR0A	51	TSTR0S	01	2	TQ2	D4		26B		
55789		XA525	33									TSTR0A	52	TSTR0A	00	1	TD4	C2		16B		
55790		XA409	73			XA406	47					TSTROR	51	TSTROR	00	1	TT3	F1		36B		
55791		XA406	47									TSTROR	52	TSTR0S	01	1	TQ2	D4		25B		
55792		XA410	22			XA409	24					TSTR0S	51	TSTR2A	01	1	TD4	B1		12A		
55793		XA409	24			XA406	51					TSTR0S	52	TSTR1R	01	2	TT3	B1		13A		
55794		XA406	51			XA409	75					TSTR0S	53	TSTR0S	00	1	TQ2	D4		27B		START DELAY BIT 0
55795		XA409	75			XA509	11					TSTR0S	54	TSTROR	01	1	TT3	F1		37B		
55796		XA509	11									TSTR0S	55	TSTRRA	01	2	TT3	A3		05B		
55797		XA406	69			XA409	77					TSTR1A	51	TSTR1A	00	1	TQ2	F3		35A		
55798		XA409	77									TSTR1A	52	TSTROR	01	2	TT3	F1		38B		
55799		XA409	20			XA408	24					TSTR1R	51	TSTR1R	00	1	TT3	B1		11A		
55800		XA408	24			XA509	09					TSTR1R	52	TSTR1S	01	1	TQ2	B1		13A		
55801		XA509	09									TSTR1R	53	TSTRRA	01	1	TT3	A3		04B		
55802		XA408	22			XA409	22					TSTR1S	51	TSTR1S	00	1	TQ2	B1		12A		START DELAY BIT 1
55803		XA409	22			XA410	43					TSTR1S	52	TSTR1R	01	1	TT3	B1		12A		
55804		XA410	43			XA406	64					TSTR1S	53	TSTR6A	01	1	TD4	D2		23B		
55805		XA406	64			XA406	68					TSTR1S	54	TSTR3R	01	2	TQ2	E2		30A		
55806		XA406	68									TSTR1S	55	TSTR3A	01	1	TQ2	F1		32A		
55807		XA505	07			XA408	79					TSTR2A	51	TRUNAS	01	2	TQ2	A3		03A		
55808		XA408	79			XA408	26					TSTR2A	52	TSTP2R	01	2	TQ2	F1		39B		
55809		XA408	26			XA410	23					TSTR2A	53	TSTR1S	01	2	TQ2	B1		14A		
55810		XA410	23									TSTR2A	54	TSTR2A	00	1	TD4	B1		11B		
55811		XA431	80			XA409	38					TSTR2R	51	TSTR2R	00	1	TT3	F3		39A		
55812		XA409	38									TSTR2R	52	TSTR2S	01	1	TT3	C1		18A		
55813		XA503	14			XA406	65					TSTR2S	51	TNDA2A	01	1	T58	B1		09A		
55814		XA406	65			XA409	36					TSTR2S	52	TSTR1A	01	1	TQ2	F3		34B		
55815		XA409	36			XA431	69					TSTR2S	53	TSTR2S	00	1	TT3	C1		17A		START DELAY BIT 2
55816		XA431	69									TSTR2S	54	TSTR2R	01	1	TT3	F3		35A		
									****	SIGNAL	TSTR3A	IS ON THE NEXT PAGE				****						

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DRAWING NUMBER 149017-800 STRING
 UNIT ASSEMBLY NAME CARD CAGE ASSY B,IFCU

UNIT ASSEMBLY NO. 149017
 FILE IDENT T39C1FC7

REV E INDEX TS23BP
 DATE 09-03-82 PAGE 272

RECORD NUMBER	FROM				TO				WIRE				SIGNAL	SEQ NO	EQUATION	TERM	FACTOR	CKT OR CHIP TYPE	GROUP	LOAD OR POWER PLANE	TEST POINTS AND/OR	SIGNAL DESCRIPTION	ECO NO
	PREFIX	CONNECTOR	PIN	SN TO	PREFIX	CONNECTOR	PIN	SN TO	MULTI GROUP	CODE	COLOR	IDENT											
55849		XA526	09			XA409	21			16B	9		TS23BP	51	TS23BP	00	1	TDD	BP		04B		
55850		XA409	21										TS23BP	52	TS2890	01	1	TT3	B3		10B		
55851		XA424	33			XA526	07			16B	9		TS23BQ	51	TXDB71X	01	8	MUX	B1		16A		
55852		XA526	07										TS23BQ	52	TS23BQ	00	1	TDD	BQ		03A	COMPUTER DATA PART	
55853		XA407	75			XA526	03			16B	9		TS23SA	51	TS23SA	00	1	TQ2	F1		37B		
55854		XA526	03										TS23SA	52	TS23BQ	01	1	TDD	BQ		02A		
55855		XA406	75			XA407	77			16B	9		TS23S0	51	TS23S0	00	1	TQ2	F1		37B		
55856		XA407	77										TS23S0	52	TS23SA	01	1	TQ2	F1		38B		
55857		XA424	54			XA526	37			16B	9		TS26CQ	51	TXDB0TC	01	1	MUX	D3		26A		
55858		XA526	37										TS26CQ	52	TS26CQ	00	1	TDD	EQ		18B	FILE PROTECT ERROR	
55859		XA409	27			XA421	51			16B	9		TS2890	51	TS2890	00	1	TT3	B3		13B		
55860		XA421	51			XA517	78			16B	9		TS2890	52	TXDB4TA	01	1	MUX	D1		25B		
51658		XA517	78										TS2890	53	TREN3A	01	2	TQ2	F4		38A		
55861		XA507	66			XA515	55			16B	9		TS29CP	51	TREQ4A	01	6	TS8	E1		31A		
55862		XA515	55			XA521	75			16B	9		TS29CP	52	TMCP0A	01	1	TD4	E2		29B		
55863		XA521	75			XA521	60			16B	9		TS29CP	53	TREN1R	01	5	TS8	F1		37B		
55864		XA521	60			XA521	30			16B	9		TS29CP	54	TRRC0A	01	2	TS8	E1		28A		
55865		XA521	30			XA526	33			16B	9		TS29CP	55	TRWC0A	01	1	TS8	C1		15A		
55866		XA526	33										TS29CP	56	TS29CP	00	1	TDD	FP		16B		
55867		XA421	57			XA526	31			16B	9		TS29CQ	51	TXDB4TB	01	1	MUX	D2		29B		
55868		XA526	31										TS29CQ	52	TS29CQ	00	1	TDD	FQ		15B	TIMING ERROR	
55869		XA506	15			XA526	29			16B	9		TS29SA	51	TS29SA	00	1	TQ2	A4		07B		
55870		XA526	29										TS29SA	52	TS29CQ	01	1	TDD	FQ		14B		
55871		XA505	15			XA506	11			16B	9		TS29S0	51	TS29S0	00	1	TQ2	A4		07B		
55872		XA506	11										TS29S0	52	TS29SA	01	1	TQ2	A4		05B		
55873		XA409	23			XA526	23			16B	9		TS30BP	51	TS2890	01	2	TT3	B3		11B		
55874		XA526	23										TS30BP	52	TS30BP	00	1	TDD	CP		11B		
55875		XA424	15			XA526	25			16B	9		TS30BQ	51	TXDB61X	01	6	MUX	A1		07B		
55876		XA526	25										TS30BQ	52	TS30BQ	00	1	TDD	CQ		12B	LONGITUDINAL PART	
55877		XA421	54			XA526	49			16B	9		TS30CQ	51	TXDB4TC	01	1	MUX	D3		26A		
55878		XA526	49										TS30CQ	52	TS30CQ	00	1	TDD	GQ		26B	NO DATA ERROR	
55879		XA409	25			XA526	21			16B	9		TS31BP	51	TS2890	01	3	TT3	B3		12B		
55880		XA526	21										TS31BP	52	TS31BP	00	1	TDD	DP		10B		
55881		XA424	31			XA526	19			16B	9		TS31BQ	51	TXDB71X	01	6	MUX	B1		14B		
55882		XA526	19										TS31BQ	52	TS31BQ	00	1	TDD	DQ		09B	LATERAL PARITY ERR	
										***	SIGNAL	TS31CQ			IS ON THE			NEXT PAGE		****			

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DRAWING NUMBER 149017-800 STRING
UNIT ASSEMBLY NAME CARD CAGE ASSY B,IFCU

UNIT ASSEMBLY NO. 149017
FILE IDENT T39CFC7

REV E INDEX TS31CO
DATE 09-03-82 PAGE 273

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											
55883		XA421	62			XA526	43			168	9		TS31CQ	51	TXDB4TD	01	1	MUX	D4		29A		
55884		XA526	43										TS31CQ	52	TS31CQ	00	1	TDD	HQ		23B	MOTOR ERROR	
55885		XA432	21			XA429	77			168	9		TTASLA	51	TTASLA	00	1	TQ2	B3		10B		
55886		XA429	77										TTASLA	52	TXXCIO	01	2	TD4	F1		38B		
55887		XA539	09			XA508	74			168	9		TTASLP	51	TTASLP	00	1	TDD	BP		04B		
55888		XA508	74			XA502	77			168	9		TTASLP	52	TINT2A	01	4	TD4	F2		35B		
55889		XA502	77										TTASLP	53	TINT6A	01	6	TS8	F1		38B		
55890		XA426	15			XA432	17			168	9		TTAS10	51	TTAS10	00	1	TQ2	A4		07B		
55891		XA432	17			XA430	41			168	9		TTAS10	52	TTASLA	01	1	TQ2	B3		08B		
55892		XA430	41			XA431	41			168	9		TTAS10	53	UEBOCA	01	1	TT3	D2		22B		C13
55893		XA431	41			XA431	57			168	9		TTAS10	54	TEBOSA	01	1	TT3	D2		22B		
55894		XA431	57			XA431	53			168	9		TTAS10	55	TEB2SA	01	1	TT3	E3		30B		
55895		XA431	53			XA430	53			168	9		TTAS10	56	TEB1SA	01	1	TT3	E2		28B		
55896		XA430	53			XA430	57			168	9		TTAS10	57	UEB1CA	01	1	TT3	E2		28B		C13
55897		XA430	57			XA430	69			168	9		TTAS10	58	UEB2CA	01	1	TT3	E3		30B		C13
55898		XA430	69			XA431	75			168	9		TTAS10	59	UEB3CA	01	1	TT3	F3		35A		C13
55899		XA431	75			XA539	05			168	9		TTAS10	60	TEB3SA	01	1	TT3	F1		37B		
55900		XA539	05										TTAS10	61	TTASLI	01	1	TDD	BI		03B		
55901		XA542	56			XA542	46			168	9		TTCP00	51	TT02BN	01	1	TDD	GN		26A		
55902		XA542	46			XA542	42			168	9		TTCP00	52	TT03BN	01	1	TDD	HN		21A		
55903		XA542	42			XA542	30			168	9		TTCP00	53	TT00BN	01	1	TDD	EN		20A		
55904		XA542	30			XA542	14			168	9		TTCP00	54	TT01BN	01	1	TDD	FN		15A		
55905		XA542	14			XA517	22			168	9		TTCP00	55	TT0PBN	01	1	TDD	DN		09A		
55906		XA517	22										TTCP00	56	TTCP00	00	1	TQ2	B1		12A		
55907		XA517	14			XA542	60			168	9		TTCP10	51	TTCP10	00	1	TQ2	B2		09A		
55908		XA542	60			XA542	70			168	9		TTCP10	52	TT05BN	01	1	TDD	KN		28A		
55909		XA542	70			XA542	72			168	9		TTCP10	53	TT04BN	01	1	TDD	JN		33A		
55910		XA542	72			XA542	79			168	9		TTCP10	54	TT07BN	01	1	TDD	MN		34A		
55911		XA542	79										TTCP10	55	TT06BN	01	1	TDD	LN		39B		
55912		XA505	34			XA510	80			168	9		TTMDCO	51	TTMDCO	01	1	TQ2	C2		16A		
55913		XA510	80										TTMDCO	52	TTMDCO	00	1	TT3	F3		39A		
55914		XA508	04			XA508	43			168	9		TTMDCO	51	TNSGEA	01	2	TD4	A2		04A		
55915		XA508	43			XA505	30			168	9		TTMDCO	52	TNSGIA	01	1	TD4	D2		23B		
55916		XA505	30										TTMDCO	53	TTMDCO	00	1	TQ2	C2		15A		
55917		XA524	80			XA518	21			168	9		TTRSCA	51	TTRSCA	00	1	TT3	F3		39A		
55918		XA518	21										TTRSCA	52	TTRS00	01	1	TT3	B3		10B		
55919		XA542	52			XA542	50			168	9		TTRSOA	51	TT02BP	01	1	TDD	GP		24A		
55920		XA542	50			XA542	38			168	9		TTRSOA	52	TT03BP	01	1	TDD	HP		23A		
55921		XA542	38			XA542	36			168	9		TTRSOA	53	TT00BP	01	1	TDD	EP		18A		
55922		XA542	36			XA542	20			168	9		TTRSOA	54	TT01BP	01	1	TDD	FP		17A		
55923		XA542	20			XA517	21			168	9		TTRSOA	55	TT0PBP	01	1	TDD	DP		11A		
										****	SIGNAL	TTRSOA	IS ON THE NEXT PAGE				****						

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DRAWING NUMBER 149017-800 STRING
 UNIT ASSEMBLY NAME CARD CAGE ASSY B,IFCU

UNIT ASSEMBLY NO. 149017
 FILE IDENT T39CFC7

REV E INDEX TTRS0A
 DATE 09-03-82 PAGE 274

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											
55924		XA517	21									TTRS0A	56	TTRS0A	00	1	TQ2	B3		10B		
55925		XA518	27		XA517	23			16B	9		TTRS00	51	TTRS00	00	1	TT3	B3		13B		
55926		XA517	23		XA517	17			16B	9		TTRS00	52	TTRS1A	01	1	TQ2	B4		11B		
55927		XA517	17									TTRS00	53	TTRS0A	01	1	TQ2	B3		08B		
55928		XA542	75		XA542	73			16B	9		TTRS1A	51	TT06BP	01	1	TDD	LP		37B		
55929		XA542	73		XA542	66			16B	9		TTRS1A	52	TT07BP	01	1	TDD	MP		36B		
55930		XA542	66		XA542	64			16B	9		TTRS1A	53	TT04BP	01	1	TDD	JP		31A		
55931		XA542	64		XA517	27			16B	9		TTRS1A	54	TT05BP	01	1	TDD	KP		30A		
55932		XA517	27									TTRS1A	55	TTRS1A	00	1	TQ2	B4		13B		
55933		XA410	09		XA524	08			16B	9		TTSC00	51	TTSC00	00	1	TD4	A2		04B		
55934		XA524	08									TTSC00	52	TCSDR0	01	2	TT3	A1		06A		
55935		XA408	06		XA410	01			16B	9		TTSC1A	51	TTSC1A	00	1	TQ2	A1		05A		
55936		XA410	01									TTSC1A	52	TTSC00	01	1	TD4	A2		02B		
55937		XA410	04		XA408	01			16B	9		TTSC2A	51	TTSC00	01	2	TD4	A2		04A		
55938		XA408	01									TTSC2A	52	TTSC2A	00	1	TQ2	A2		02B		
55939		XA408	09		XA410	05			16B	9		TTSC3A	51	TTSC3A	00	1	TQ2	A3		04B		
55940		XA410	05									TTSC3A	52	TTSC00	01	3	TD4	A2		03B		
55941		XA410	07		XA408	15			16B	9		TTSC4A	51	TTSC00	01	4	TD4	A2		03A		
55942		XA408	15									TTSC4A	52	TTSC4A	00	1	TQ2	A4		07B		
55943		XA408	20		XA408	19			16B	9		TTSC90	51	TTTS10A	01	2	TQ2	B2		11A		
55944		XA408	19		XA408	25			16B	9		TTSC90	52	TTTS11A	01	2	TQ2	B3		09B		
55945		XA408	25		XA407	27			16B	9		TTSC90	53	TTTS20A	01	2	TQ2	B4		12B		
55946		XA407	27		XA408	31			16B	9		TTSC90	54	TTSC90	00	1	TQ2	B4		13B		
55947		XA408	31		XA408	37			16B	9		TTSC90	55	TTTS31A	01	2	TQ2	C3		15B		
55948		XA408	37		XA408	36			16B	9		TTSC90	56	TTTS40A	01	2	TQ2	C4		18B		
55949		XA408	36		XA408	42			16B	9		TTSC90	57	TTTS30A	01	2	TQ2	C2		17A		
55950		XA408	42		XA408	43			16B	9		TTSC90	58	TTTS21A	01	2	TQ2	C1		20A		
55951		XA408	43									TTSC90	59	TTTS41A	01	2	TQ2	D3		23B		
55952		XA541	11		XA408	17			16B	9		TTTS1BP	51	TTTS1BP	00	1	TDD	AP		05B		
55953		XA408	17									TTTS1BP	52	TTTS11A	01	1	TQ2	B3		08B		
55954		XA408	08		XA408	18			16B	9		TTTS1BQ	51	TTSC1A	01	1	TQ2	A1		06A		
55955		XA408	18		XA541	13			16B	9		TTTS1BQ	52	TTTS10A	01	1	TQ2	B2		10A		
55956		XA541	13									TTTS1BQ	53	TTTS1BQ	00	1	TDD	AQ		06B	TRANSPORT I SELECT	
55957		XA406	06		XA407	08			16B	9		TTTS1BR	51	TTTS1BR	00	1	TQ2	A1		05A		
55958		XA407	08		XA543	68			16B	9		TTTS1BR	52	TTTS1BS	01	1	TQ2	A1		06A		
55959		XA543	68									TTTS1BR	53	TADS1D4	01	1	TLD	E1		32A		
55960		XA523	68		XA522	68			16B	9		TTTS1BS	51	TRW10A	01	1	TQ2	E1		32A		
55961		XA522	68		XA522	08			16B	9		TTTS1BS	52	TRW12A	01	1	TQ2	E1		32A	R10	
										****	SIGNAL	TTTS1BS	IS ON THE NEXT PAGE				****					

H78-14 952

DRAWING NUMBER 149017-800 STRING
 UNIT ASSEMBLY NAME CARD CAGE ASSY B,IFCU

UNIT ASSEMBLY NO. 149017
 FILE IDENT T39C1FC7

REV E INDEX TTS1BS
 DATE 09-03-82 PAGE 275

RECORD NUMBER	FROM				TO				WIRE				SFC INST. MISC	SIGNAL	SEQ NO	EQUATION	TERM	FACTOR	CKT OR CHIP TYPE	GROUP	LOAD OR POWER PLANE	TEST POINTS AND/OR	SIGNAL DESCRIPTION	ECO NO	
	PREFIX	CONNECTOR	PIN	SFC	PREFIX	CONNECTOR	PIN	SFC	MULTI GROUP	CODE	COLOR	IDENT													
55962		XA522	08						168	9			TTS1BS	53	URWICA	01	1	TQ2	A1		06A				
55963		XA421	11			XA408	10		168	9			TTS1BS	54	TXDB01X	01	5	MUX	A1		06B				C09
55964		XA408	10			XA407	06		168	9			TTS1BS	55	TTSC1A	01	2	TQ2	A1		07A				
55965		XA407	06			XA406	08		168	9			TTS1BS	56	TTS1BS	00	1	TQ2	A1		05A				TRANSPORT 1 SELECT
55966		XA406	08										TTS1BS	57	TTS1BR	01	1	TQ2	A1		06A				
55967		XA408	14			XA407	10		168	9			TTS10A	51	TTS10A	00	1	TQ2	B2		09A				
55968		XA407	10										TTS10A	52	TTS1BS	01	2	TQ2	A1		07A				
55969		XA406	10			XA408	21		168	9			TTS11A	51	TTS1BR	01	2	TQ2	A1		07A				
55970		XA408	21										TTS11A	52	TTS11A	00	1	TQ2	B3		10B				
55971		XA536	75			XA537	77		168	9			TTS19A	51	TTS19A	00	1	TQ2	F1		37B				
55972		XA537	77										TTS19A	52	TTS190	01	1	TQ2	F1		38B				
55973		XA537	75			XA536	68		168	9			TTS190	51	TTS190	00	1	TQ2	F1		37B				
55974		XA536	68			XA541	08		168	9			TTS190	52	TRW19A	01	1	TQ2	E1		32A				
55975		XA541	08										TTS190	53	TTS1BT	01	1	TDD	AT		06A				
55976		XA408	40			XA541	09		168	9			TTS2BP	51	TTS21A	01	1	TQ2	C1		19A				
55977		XA541	09										TTS2BP	52	TTS2BP	00	1	TDD	BP		04B				
55978		XA541	07			XA408	23		168	9			TTS2BQ	51	TTS2BQ	00	1	TDD	BQ		03A				TRANSPORT 2 SELECT
55979		XA408	23			XA408	04		168	9			TTS2BQ	52	TTS20A	01	1	TQ2	B4		11B				
55980		XA408	04										TTS2BQ	53	TTSC2A	01	1	TQ2	A2		04A				
55981		XA406	01			XA407	04		168	9			TTS2BR	51	TTS2BR	00	1	TQ2	A2		02B				
55982		XA407	04			XA543	62		168	9			TTS2BR	52	TTS2BS	01	1	TQ2	A2		04A				
55983		XA543	62										TTS2BR	53	TADS2D4	01	1	TLD	E2		29A				
55984		XA523	62			XA522	62		168	9			TTS2BS	51	TRW20A	01	1	TQ2	E2		29A				
55985		XA522	62			XA522	04		168	9			TTS2BS	52	TRW22A	01	1	TQ2	E2		29A				
55986		XA522	04			XA424	46		168	9			TTS2BS	53	URW2CA	01	1	TQ2	A2		04A				
55987		XA424	46			XA423	46		168	9			TTS2BS	54	UFPRX2X	01	1	MUX	C2		21A				C09
55988		XA423	46			XA422	46		168	9			TTS2BS	55	URDYX2X	01	1	MUX	C2		21A				C09
55989		XA422	46			XA421	18		168	9			TTS2BS	56	TADSX2X	01	1	MUX	C2		21A				C09
55991		XA421	18			XA408	05		168	9			TTS2BS	58	TXDB01X	01	7	MUX	A1		09A				
55992		XA408	05			XA407	01		168	9			TTS2BS	59	TTSC2A	01	2	TQ2	A2		03B				
55993		XA407	01			XA406	04		168	9			TTS2BS	60	TTS2BS	00	1	TQ2	A2		02B				TRANSPORT 2 SELECT
55994		XA406	04										TTS2BS	61	TTS2BR	01	1	TQ2	A2		04A				
55995		XA408	27			XA407	05		168	9			TTS20A	51	TTS20A	00	1	TQ2	B4		13B				
55996		XA407	05										TTS20A	52	TTS2BS	01	2	TQ2	A2		03B				
55997		XA406	05			XA408	38		168	9			TTS21A	51	TTS2BR	01	2	TQ2	A2		03B				
55998		XA408	38										TTS21A	52	TTS21A	00	1	TQ2	C1		18A				
55999		XA536	72			XA537	71		168	9			TTS29A	51	TTS29A	00	1	TQ2	F2		34A				
56000		XA537	71										TTS29A	52	TTS290	01	1	TQ2	F2		36A				
									****	SIGNAL			TTS290		IS ON THE					****					

H78-14 953

DRAWING NUMBER 149017-800 STRING
 UNIT ASSEMBLY NAME CARD CAGE ASSY B,IFCU

UNIT ASSEMBLY NO. 149017
 FILE IDENT T39CFC7

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 DATE 09-03-82 PAGE 276

RECORD NUMBER	FROM				TO				WIRE				SIGNAL	SEQ NO	EQUATION	TERM	FACTOR	CKT OR CHIP TYPE	GROUP	LOAD OR POWER PLANE	TEST POINTS AND OR	SIGNAL DESCRIPTION	ECO NO
	PREFIX	CONNECTOR	PIN	SH TO	PREFIX	CONNECTOR	PIN	SH TO	MULTI GROUP	CODE	COLOR	IDENT											
56001		XA537	72			XA536	62			16B	9		TTS290	51	TTS290	00	1	TQ2	F2		34A		
56002		XA536	62			XA541	05			16B	9		TTS290	52	TRW29A	01	1	TQ2	E2		29A		
56003		XA541	05										TTS290	53	TTS2BI	01	1	TQD	BI		03B		
56004		XA542	11			XA408	29			16B	9		TTS3BP	51	TTS3BP	00	1	TDD	AP		05B		
56005		XA408	29										TTS3BP	52	TTS31A	01	1	TQ2	C3		14B		
56006		XA408	03			XA408	34			16B	b		TTS3BQ	51	TTSC3A	01	1	TQ2	A3		02A		
56007		XA408	34			XA542	13			16B	9		TTS3BQ	52	TTS30A	01	1	TQ2	C2		16A		
56008		XA542	13										TTS3BQ	53	TTS3BQ	00	1	TDD	AQ		06B	TRANSPORT 3 SELECT	
56009		XA406	22			XA407	24			16B	9		TTS3BR	51	TTS3BR	00	1	TQ2	B1		12A		
56010		XA407	24			XA543	53			16B	9		TTS3BR	52	TTS3BS	01	1	TQ2	B1		13A		
56011		XA543	53										TTS3BR	53	TADS3D4	01	1	TLD	E3		28B		
56012		XA523	53			XA522	53			16B	9		TTS3BS	51	TRW30A	01	1	TQ2	E3		28B		
56013		XA522	53			XA522	03			16B	9		TTS3BS	52	TRW32A	01	1	TQ2	E3		28B		
56014		XA522	03			XA424	42			16B	9		TTS3BS	53	URW3CA	01	1	TQ2	A3		02A	C09	
56015		XA424	42			XA423	42			16B	9		TTS3BS	54	UFPRX2X	01	2	MUX	C2		20A	C09	
56016		XA423	42			XA422	42			16B	9		TTS3BS	55	URDYX2X	01	2	MUX	C2		20A	C09	
56017		XA422	42			XA421	17			16B	9		TTS3BS	56	TADSX2X	01	2	MUX	C2		20A	C09	
56019		XA421	17			XA408	07			16B	9		TTS3BS	58	TXDB01X	01	8	MUX	A1		08B		
56020		XA408	07			XA407	22			16B	9		TTS3BS	59	TTSC3A	01	2	TQ2	A3		03A		
56021		XA407	22			XA406	24			16B	9		TTS3BS	60	TTS3BS	00	1	TQ2	B1		12A	TRANSPORT 3 SELECT	
56022		XA406	24										TTS3BS	61	TTS3BR	01	1	TQ2	B1		13A		
56023		XA407	26			XA408	30			16B	9		TTS30A	51	TTS3BS	01	2	TQ2	B1		14A		
56024		XA408	30										TTS30A	52	TTS30A	00	1	TQ2	C2		15A		
56025		XA406	26			XA408	33			16B	9		TTS31A	51	TTS3BR	01	2	TQ2	B1		14A		
56026		XA408	33										TTS31A	52	TTS31A	00	1	TQ2	C3		16B		
56027		XA536	69			XA537	65			16B	9		TTS39A	51	TTS39A	00	1	TQ2	F3		35A		
56028		XA537	65										TTS39A	52	TTS390	01	1	TQ2	F3		34B		
56029		XA537	69			XA536	53			16B	9		TTS390	51	TTS390	00	1	TQ2	F3		35A		
56030		XA536	53			XA542	08			16B	9		TTS390	52	TRW39A	01	1	TQ2	E3		28B		
56031		XA542	08										TTS390	53	TTS3BI	01	1	TDD	AI		06A		
56032		XA408	41			XA542	09			16B	9		TTS4BP	51	TTS41A	01	1	TQ2	D3		22B		
56033		XA542	09										TTS4BP	52	TTS4BP	00	1	TDD	BP		04B		
56034		XA542	07			XA408	35			16B	9		TTS4BQ	51	TTS4BQ	00	1	TDD	BQ		03A	TRANSPORT 4 SELECT	
56035		XA408	35			XA408	11			16B	9		TTS4BQ	52	TTS40A	01	1	TQ2	C4		17B		
56036		XA408	11										TTS4BQ	53	TTSC4A	01	1	TQ2	A4		05B		
56037		XA406	14			XA407	18			16B	9		TTS4BR	51	TTS4BR	00	1	TQ2	B2		09A		
56038		XA407	18			XA543	59			16B	9		TTS4BR	52	TTS4BS	01	1	TQ2	B2		10A		
56039		XA543	59										TTS4BR	53	TADS4D4	01	1	TLD	E4		31B		
											****	SIGNAL	TTS4BS	IS ON THE NEXT PAGE					****				

H78-14 954

DRAWING NUMBER 149017-800 STRING
 UNIT ASSEMBLY NAME CARD CAGE ASSY B,IFCU

UNIT ASSEMBLY NO. 149017
 FILE IDENT T39C1FC7

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 DATE 09-03-82 PAGE 277

RECORD NUMBER	FROM			TO			WIRE			SFC INST MISC	SIGNAL	SEQ NO	EQUATION	TERM	FACTOR	CKT OR CHIP TYPE	GROUP	LOAD OR POWER PLANE	TEST POINTS		SIGNAL DESCRIPTION	ECO NO
	PREFIX	CONNECTOR	PIN	PREFIX	CONNECTOR	PIN	DI	MULTI GROUP	CODE										COLOR	IDENT		
56040		XA523	59		XA522	59			16B	9		TTS4BS	51	TRW40A	01	1	TQ2	E4	31B			
56041		XA522	59		XA522	11			16B	9		TTS4BS	52	TRW42A	01	1	TQ2	E4	31B			
56042		XA522	11		XA424	40			16B	9		TTS4BS	53	URW4CA	01	1	TQ2	A4	05B		C09	
56043		XA424	40		XA423	40			16B	9		TTS4BS	54	UFPRX2X	01	3	MUX	C2	19A		C09	
56044		XA423	40		XA422	40			16B	9		TTS4BS	55	URDYX2X	01	3	MUX	C2	19A		C09	
56045		XA422	40		XA421	15			16B	9		TTS4BS	56	TADSX2X	01	3	MUX	C2	19A		C09	
56047		XA421	15		XA408	13			16B	9		TTS4BS	58	TXDB01X	01	6	MUX	A1	07B			
56048		XA408	13		XA407	14			16B	9		TTS4BS	59	TTSC4A	01	2	TQ2	A4	06B			
56049		XA407	14		XA406	18			16B	9		TTS4BS	60	TTS4BS	00	1	TQ2	B2	09A		TRANSPORT 4 SELECT	
56050		XA406	18									TTS4BS	61	TTS4BR	01	1	TQ2	B2	10A			
56051		XA407	20		XA408	39			16B	9		TTS40A	51	TTS4BS	01	2	TQ2	B2	11A			
56052		XA408	39									TTS40A	52	TTS40A	00	1	TQ2	C4	19B			
56053		XA406	20		XA408	45			16B	9		TTS41A	51	TTS4BR	01	2	TQ2	B2	11A			
56054		XA408	45									TTS41A	52	TTS41A	00	1	TQ2	D3	24B			
56055		XA536	80		XA537	76			16B	9		TTS49A	51	TTS49A	00	1	TQ2	F4	39A			
56056		XA537	76									TTS49A	52	TTS490	01	1	TQ2	F4	37A			
56057		XA537	80		XA536	59			16B	9		TTS490	51	TTS490	00	1	TQ2	F4	39A			
56058		XA536	59		XA542	05			16B	9		TTS490	52	TRW49A	01	1	TQ2	F4	31B			
56059		XA542	05									TTS490	53	TTS4BI	01	1	TQ2	BI	03B			
56061		XA542	21		XA506	54			16B	9		TTOPBP	52	TTOPBP	00	1	TQ2	DP	10B			
56062		XA506	54									TTOPBP	53	TKRS00	01	1	TQ2	D1	25A			
56063		XA503	31		XA438	80			16B	9		TTOPBPR	51	TRTDPA	01	2	TS8	C1	15B			
56064		XA438	80									TTOPBPR	52	TTOPBPR	00	1	PAR	F1	39A		READ REGISTER PART	
56060		XA438	79		XA541	14			16B	9		TTOPBQ	50	TTOPBPR	02	1	PAR	F1	39B		B10	
56065		XA541	14		XA542	19			16B	9		TTOPBQ	51	TLRCPN	01	1	TDD	DN	09A			
56066		XA542	19									TTOPBQ	52	TTOPBQ	00	1	TDD	D0	09B		READ REG BIT P	
56067		XA503	55		XA542	35			16B	9		TT00BP	51	TKRS10	01	1	TS8	E1	29B			
56068		XA542	35									TT00BP	52	TT00BP	00	1	TDD	EP	17B			
56069		XA438	71		XA537	08			16B	9		TT00BQ	51	TTOPBPR	01	1	PAR	F1	35B			
56070		XA537	08		XA536	08			16B	9		TT00BQ	52	TR16CA	01	1	TQ2	A1	06A			
56071		XA536	08		XA536	40			16B	9		TT00BQ	53	TR00CA	01	1	TQ2	A1	06A			
56072		XA536	40		XA537	40			16B	9		TT00BQ	54	TR08CA	01	1	TQ2	C1	19A			
56073		XA537	40		XA541	42			16B	9		TT00BQ	55	TR24CA	01	1	TQ2	C1	19A			
56074		XA541	42		XA542	37			16B	9		TT00BQ	56	TLRCON	01	1	TDD	EN	20A			
56075		XA542	37									TT00BQ	57	TT00BQ	00	1	TDD	EQ	18B		READ REG BIT 0	
56076		XA503	60		XA542	33			16B	9		TT01BP	51	TKRS10	01	2	TS8	E1	28A			
56077		XA542	33									TT01BP	52	TT01BP	00	1	TDD	FP	16B			
56078		XA438	73		XA537	04			16B	9		TT01BQ	51	TTOPBPR	01	2	PAR	F1	36B			
56079		XA537	04		XA536	04			16B	9		TT01BQ	52	TR17CA	01	1	TQ2	A2	04A			

**** SIGNAL TT01BQ IS ON THE NEXT PAGE ****

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DRAWING NUMBER 149017-800 STRING
 UNIT ASSEMBLY NAME CARD CAGE ASSY B,IFCU

UNIT ASSEMBLY NO. 149017
 FILE IDENT T39CIFC7

REV E INDEX TT0180Q
 DATE 09-03-82 PAGE 278

RECORD NUMBER	FROM			SR FC	TO			SR FC	WIRE			SFC INST MISC	SIGNAL	SEQ NO	EQUATION	TERM	FACTOR	CKT OR CHIP TYPE	GROUP	LOAD OR POWER PLANE	TEST POINTS AND OR	SIGNAL DESCRIPTION	ECO NO
	PREFIX	CONNECTOR	PIN		PREFIX	CONNECTOR	PIN		MULTI GROUP	CODE	COLOR												
56080		XA536	04		XA536	34			16B	9		TT01BQ	53	TR01CA	01	1	TQ2	A2		04A			
56081		XA536	34		XA537	34			16B	9		TT01BQ	54	TR09CA	01	1	TQ2	C2		16A			
56082		XA537	34		XA541	30			16B	9		TT01BQ	55	TR25CA	01	1	TQ2	C2		16A			
56083		XA541	30		XA542	31			16B	9		TT01BQ	56	TLRC1N	01	1	TDD	FN		15A			
56084		XA542	31									TT01BQ	57	TT01BQ	00	1	TDD	FQ		15B	READ REG BIT 1		
56085		XA503	61		XA542	47			16B	9		TT02BP	51	TKRS10	01	3	TS8	E1		32B			
56086		XA542	47									TT02BP	52	TT02BP	00	1	TDD	GP		25B			
56087		XA541	56		XA542	49			16B	9		TT02BQ	51	TLRC2N	01	1	TDD	GN		26A			
56088		XA542	49		XA537	29			16B	9		TT02BQ	52	TT02BQ	00	1	TDD	GQ		26B	READ REG BIT 2		
56089		XA537	29		XA536	29			16B	9		TT02BQ	53	TR26CA	01	1	TQ2	C3		14B			
56090		XA536	29		XA536	03			16B	9		TT02BQ	54	TR10CA	01	1	TQ2	C3		14B			
56091		XA536	03		XA537	03			16B	9		TT02BQ	55	TR02CA	01	1	TQ2	A3		02A			
56092		XA537	03		XA438	75			16B	9		TT02BQ	56	TR18CA	01	1	TQ2	A3		02A			
56093		XA438	75									TT02BQ	57	TT0PBPR	01	3	PAR	F1		37B			
56094		XA503	62		XA542	45			16B	9		TT03BP	51	TKRS10	01	4	TS8	E1		29A			
56095		XA542	45									TT03BP	52	TT03BP	00	1	TDD	HP		24B			
56096		XA438	77		XA537	11			16B	9		TT03BQ	51	TT0PBPR	01	4	PAR	F1		38B			
56097		XA537	11		XA536	11			16B	9		TT03BQ	52	TR19CA	01	1	TQ2	A4		05B			
56098		XA536	11		XA536	35			16B	9		TT03BQ	53	TR03CA	01	1	TQ2	A4		05B			
56099		XA536	35		XA537	35			16B	9		TT03BQ	54	TR11CA	01	1	TQ2	C4		17B			
56100		XA537	35		XA542	43			16B	9		TT03BQ	55	TR27CA	01	1	TQ2	C4		17B			
56101		XA542	43		XA541	46			16B	9		TT03BQ	56	TT03BQ	00	1	TDD	HQ		23B	READ REG BIT 3		
56102		XA541	46									TT03BQ	57	TLRC3N	01	1	TDD	HN		21A			
56103		XA503	64		XA542	59			16B	9		TT04BP	51	TKRS10	01	5	TS8	E1		30A			
56104		XA542	59									TT04BP	52	TT04BP	00	1	TDD	JP		31B			
56105		XA541	70		XA542	61			16B	9		TT04BQ	51	TLRC4N	01	1	TDD	JN		33A			
56106		XA542	61		XA537	54			16B	9		TT04BQ	52	TT04BQ	00	1	TDD	JQ		32B	READ REG BIT 4		
56107		XA537	54		XA536	54			16B	9		TT04BQ	53	TR28CA	01	1	TQ2	D1		25A			
56108		XA536	54		XA536	24			16B	9		TT04BQ	54	TR12CA	01	1	TQ2	D1		25A			
56109		XA536	24		XA537	24			16B	9		TT04BQ	55	TR04CA	01	1	TQ2	B1		13A			
56110		XA537	24		XA438	76			16B	9		TT04BQ	56	TR20CA	01	1	TQ2	B1		13A			
56111		XA438	76									TT04BQ	57	TT0PBPR	01	5	PAR	F1		37A			
56112		XA503	66		XA542	57			16B	9		TT05BP	51	TKRS10	01	6	TS8	E1		31A			
56113		XA542	57									TT05BP	52	TT05BP	00	1	TDD	KP		30B			
56114		XA438	74		XA537	18			16B	9		TT05BQ	51	TT0PBPR	01	6	PAR	F1		36A			
56115		XA537	18		XA536	18			16B	9		TT05BQ	52	TR21CA	01	1	TQ2	B2		10A			
56116		XA536	18		XA536	48			16B	9		TT05BQ	53	TR05CA	01	1	TQ2	B2		10A			
56117		XA536	48		XA537	48			16B	9		TT05BQ	54	TR13CA	01	1	TQ2	D2		22A			
56118		XA537	48		XA542	55			16B	9		TT05BQ	55	TR29CA	01	1	TQ2	D2		22A			
56119		XA542	55		XA541	60			16B	9		TT05BQ	56	TT05BQ	00	1	TDD	KQ		29B	READ REG BIT 5		
56120		XA541	60									TT05BQ	57	TLRC5N	01	1	TDD	KN		28A			
									***	SIGNAL		TT06BP								****		IS ON THE NEXT PAGE	

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DRAWING NUMBER 149017-800 STRING
 UNIT ASSEMBLY NAME CARD CAGE ASSY B,IFCU

UNIT ASSEMBLY NO. 149017
 FILE IDENT T39CIFC7

REV E INDEX TT06BP
 DATE 09-03-82 PAGE 279

RECORD NUMBER	FROM				TO				WIRE				SIGNAL	SEQ NO	EQUATION	TERM	FACTORY	CKT OR CHIP TYPE	GROUP	LOAD OR POWER PLANE	TEST POINTS AND/OR	SIGNAL DESCRIPTION	ECO NO	
	PREFIX	CONNECTOR	PIN	SK FE	PREFIX	CONNECTOR	PIN	DI FE	MULTI GROUP	CODE	COLOR	IDENT												SPEC INST MISC
56121		XA503	68			XA542	76			168	9		TT06BP	51	TKRS10	01	7	TS8	E1		32A			
56122		XA542	76										TT06BP	52	TT06BP	00	1	TDD	LP		37A			
56123		XA438	72			XA537	17			168	9		TT06BQ	51	TT0P8PR	01	7	PAR	F1		35A			
56124		XA537	17			XA536	17			168	9		TT06BQ	52	TR22CA	01	1	TQ2	B3		08B			
56125		XA536	17			XA536	41			168	9		TT06BQ	53	TR06CA	01	1	TQ2	B3		08B			
56126		XA536	41			XA537	41			168	9		TT06BQ	54	TR14CA	01	1	TQ2	D3		22B			
56127		XA537	41			XA541	79			168	9		TT06BQ	55	TR30CA	01	1	TQ2	D3		22B			
56128		XA541	79			XA542	78			168	9		TT06BQ	56	TLRC6N	01	1	TDD	LN		39B			
56129		XA542	78										TT06BQ	57	TT06BQ	00	1	TDD	LQ		38A	READ REG BIT 6		
56130		XA503	70			XA542	69			168	9		TT07BP	51	TKRS10	01	8	TS8	F1		33A			
56131		XA542	69										TT07BP	52	TT07BP	00	1	TDD	MP		35A			
56132		XA438	70			XA537	23			168	9		TT07BQ	51	TT0P8PR	01	8	PAR	F1		34A			
56133		XA537	23			XA536	23			168	9		TT07BQ	52	TR23CA	01	1	TQ2	B4		11B			
56134		XA536	23			XA536	47			168	9		TT07BQ	53	TR07CA	01	1	TQ2	B4		11B			
56135		XA536	47			XA537	47			168	9		TT07BQ	54	TR15CA	01	1	TQ2	D4		25B			
56136		XA537	47			XA541	72			168	9		TT07BQ	55	TR31CA	01	1	TQ2	D4		25B			
56137		XA541	72			XA542	74			168	9		TT07BQ	56	TLRC7N	01	1	TDD	MN		34A			
56138		XA542	74										TT07BQ	57	TT07BQ	00	1	TDD	MQ		35B	READ REG BIT 7		
56139		XA511	41			XA509	39			168	9		TWDBC A	51	TWDBC O	01	1	TQ2	D3		22B			
56140		XA509	39										TWDBC A	52	TWDBC A	00	1	TT3	C3		19B			
53091		XA550	50	3		XA543	32	3		168	9		TWDBC OR	51				EXT					B06	
58309		XA543	32										TWDBC OR	52				TLD				21B		
53090		XA550	49			XA544	19			168	9		TWDBC D4	50				EXT					B06	
56141		XA544	19			XA543	30			168	9		TWDBC D4	51				RR4	B5					
56142		XA543	30										TWDBC D4	52	TWBCD4	00	1	TLD	C2		15A	WRITE STROBE DRIVE		
56143		XA511	45			XA516	49			168	9		TWDBC O	51	TWDBC O	00	1	TQ2	D3		24B			
56144		XA516	49			XA543	34			168	9		TWDBC O	52	UWLKOA	01	2	TQ2	D4		24B			
56145		XA543	34										TWDBC O	53	TWBCD4	01	1	TLD	C2		16A			
11366		XA348	74			XA550	51			168	9		TWDBEB	01				SHT					C12	
53092		XA550	51										TWDBEB	02				EXT					C12	
53093		XA550	52	2		XA544	44	2		168	9		TWDBEDR	51				EXT					B06	
58310		XA544	44										TWDBEDR	52				RR4						
11364		XA348	72			XA544	36			168	9		TWDBED4	01				SHT					C12	
56146		XA544	36			XA543	33			168	9		TWDBED4	51				RR4	C1					
56147		XA543	33										TWDBED4	52	TWDBED4	00	1	TLD	C3		16B	WRITE ENABLE DRIV		
53050		XA550	04	1		XA543	32	1		168	9		TWDBPBR	51				EXT					B06	
58311		XA543	32										TWDBPBR	52				TLD				21B		
53049		XA550	03			XA543	38			168	9		TWDBPBR	50				EXT					B06	
												****	SIGNAL (TWDBPBR)		IS ON THE NEXT PAGE ****									

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DRAWING NUMBER 149017-800 STRING
 UNIT ASSEMBLY NAME CARD CAGE ASSY B,IFCU

UNIT ASSEMBLY NO. 149017
 FILE IDENT T39C1FC7

REV E INDEX TWDBPB4
 DATE 09-03-82 PAGE 280

RECORD NUMBER	FROM				TO				WIRE			SFC INST MISC	SIGNAL	SEQ NO	EQUATION	TERM	FACTOR	CKT OR CHIP TYPE	GROUP	LOAD OR POWER PLANE	TEST POINTS AND OR	SIGNAL DESCRIPTION	ECO NO			
	PREFIX	CONNECTOR	PIN	SH FCG	PREFIX	CONNECTOR	PIN	SH FCG	MULTI GROUP	CODE	COLOR													IDENT		
56148		XA543	38		XA544	17			16B	9		P	TWDBPD	51	TWDBPB4	01	1	TLD	C1		18A	WRITE DATA P DRIVE				
56149		XA544	17		XA443	51			16B	9			TWDBPB4	52				RR4	B4							
56150		XA443	51									P	UWLCPD	53	TWDBPB4	02	1	TLD	D4			27B		C09		
56151		XA543	38									J	TWDBPD	51	TWDBPD	00	1	TLD	C1			18A	TWDBPB4 BUSS			
56152		XA517	51		XA515	18			16B	9			TWDBSA	51	TWDBSA	00	1	TQ2	D4			27B				
56153		XA515	18		XA519	19			16B	9			TWDBSA	52	TFPE1A	01	2	TD4	B2			10A				
56154		XA519	19		XA422	11			16B	9			TWDBSA	53	TFPE2A	01	2	TQ2	B3			09B		C13		
54220		XA422	11										TWDBSA	54	TXDB21X	01	5	MUX	A1			06B		C13		
53052		XA550	06		XA544	06			16B	9			TWDB0BR	51				EXT						B06		
58312		XA544	06										TWDB0BR	52				RR4	AC					A01		
53051		XA550	05		XA544	08			16B	9			TWDB0B4	50				EXT							B06	
56160		XA544	08		XA543	06			16B	9			TWDB0B4	51				RR4	A1						B06	
56161		XA543	06		XA443	66			16B	9		P	TWDB0D	52	TWDB0B4	01	1	TLD	A1			05A	WRITE DATA 0 DRIVE			
56162		XA443	66									P	UWLCOD	53	TWDB0B4	02	1	TLD	E1			31A		C09		
56163		XA543	06									J	TWDB0D	51	TWDB0D	00	1	TLD	A1			05A	TWDB0B4 BUSS			
53054		XA550	08	2	XA544	02	2		16B	9			TWDB1BR	51				EXT							B06	
58313		XA544	02										TWDB1BR	52				RR4								
53053		XA550	07		XA544	10			16B	9			TWDB1B4	50				EXT								B06
56164		XA544	10		XA543	01			16B	9			TWDB1B4	51				RR4	A2							B06
56165		XA543	01		XA443	60			16B	9		P	TWDB1D	52	TWDB1B4	01	1	TLD	A2			02B				
56166		XA443	60									P	UWLC1D	53	TWDB1B4	02	1	TLD	E2			28A			C09	
56167		XA543	01									J	TWDB1D	51	TWDB1D	00	1	TLD	A2			02B	WRITE DATA 1 DRIVE			
53056		XA550	10	1	XA544	02	1		16B	9			TWDB2BR	51				EXT								B06
58314		XA544	02										TWDB2BR	52				RR4								
53055		XA550	09		XA544	05			16B	9			TWDB2B4	50				EXT								B06
56168		XA544	05		XA543	09			16B	9			TWDB2B4	51				RR4	A3							B06
56169		XA543	09		XA443	57			16B	9		P	TWDB2D	52	TWDB2B4	01	1	TLD	A3			04B	WRITE DATA 2 DRIVE			
56170		XA443	57									P	UWLC2D	53	TWDB2B4	02	1	TLD	E3			30B			C09	
56171		XA543	09									J	TWDB2D	51	TWDB2D	00	1	TLD	A3			04B	TWDB2B4 BUSS			
53070		XA550	26	1	XA543	16	1		16B	9			TWDB3BR	51				EXT								B06
58315		XA543	16										TWDB3BR	52				TLD					01B			
53069		XA550	25		XA543	15			16B	9			TWDB3B4	50				EXT								B06
56172		XA543	15		XA544	07			16B	9		P	TWDB3D	51	TWDB3B4	01	1	TLD	A4			07B	WRITE DATA 3 DRIVE			
56173		XA544	07		XA443	63			16B	9			TWDB3B4	52				RR4	A4							
56174		XA443	63									P	UWLC3D	53	TWDB3B4	02	1	TLD	E4			33B			C09	
56175		XA543	15									J	TWDB3D	51	TWDB3D	00	1	TLD	A4			07B	TWDB3B4 BUSS			

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DRAWING NUMBER 149017-800 STRING
 UNIT ASSEMBLY NAME CARD CAGE ASSY B,IFCU

UNIT ASSEMBLY NO. 149017
 FILE IDENT T39C1FC7

REV E INDEX TWDB3D
 DATE 09-03-82 PAGE 281

RECORD NUMBER	FROM				TO				WIRE				SIGNAL	SEQ NO	EQUATION	TERM	FACTOR	CKT OR CHIP TYPE	GROUP	LOAD OR POWER PLANE	TEST POINTS AND OR	SIGNAL DESCRIPTION	ECO NO
	PREFIX	CONNECTOR	PIN	SH FC	PREFIX	CONNECTOR	PIN	SH FC	MULTI GROUP	CODE	COLOR	IDENT											
58316		XA543	16	3		XA550	30	3	16B	9			TWDB4BR	51							01B		
53073		XA550	30										TWDB4BR	52				TLD					R06
56176		XA443	75			XA544	09		16B	9	P	UWLC4D	51	TWDB4B4	02	1	TLD	F1			37B	C09	
56177		XA544	09			XA543	22		16B	9		TWDB4B4	52				RR4	A5					
56178		XA543	22			XA550	29		16B	9	P	TWDB4D	53	TWDB4B4	01	1	TLD	B1			12A	WRITE DATA 4 DRIVE	
53072		XA550	29										TWDB4B4	54				EXT					B06
56179		XA543	22								J	TWDB4D	51	TWDB4D	00	1	TLD	B1			12A	TWDB4B4 BUSS	
53076		XA550	34	2		XA543	16	2	16B	9			TWDB5BR	51				EXT					B06
58317		XA543	16										TWDB5BR	52				TLD			01B		
53075		XA550	33			XA544	20		16B	9			TWDB5B4	50				EXT					B06
56180		XA544	20			XA543	14		16B	9			TWDB5B4	51				RR4	B1				
56181		XA543	14			XA443	72		16B	9	P	TWDB5D	52	TWDB5B4	01	1	TLD	B2			09A	WRITE DATA 5 DRIVE	
56182		XA443	72								P	UWLC5D	53	TWDB5B4	02	1	TLD	F2			34A		C09
56183		XA543	14								J	TWDB5D	51	TWDB5D	00	1	TLD	B2			09A	TWDB5B4 BUSS	
53078		XA550	36	1		XA544	32	1	16B	9			TWDB6BR	51				EXT					B06
58318		XA544	32										TWDB6BR	52				RR4					
53077		XA550	35			XA544	26		16B	9			TWDB6B4	50				EXT					B06
56184		XA544	26			XA543	21		16B	9			TWDB6B4	51				RR4	B2				
56185		XA543	21			XA443	69		16B	9	P	TWDB6D	52	TWDB6B4	01	1	TLD	B3			10B		
56186		XA443	69								P	UWLC6D	53	TWDB6B4	02	1	TLD	F3			35A		C09
56187		XA543	21								J	TWDB6D	51	TWDB6D	00	1	TLD	B3			10B	WRITE DATA 6 DRIVE	
53080		XA550	38	2		XA543	32	2	16B	9			TWDB7BR	51				EXT					B06
58319		XA543	32										TWDB7BR	52				TLD			21B		
53079		XA550	37			XA543	27		16B	9			TWDB7B4	50				EXT					B06
56188		XA543	27			XA544	24		16B	9	P	TWDB7D	51	TWDB7B4	01	1	TLD	B4			13B	WRITE DATA 7 DRIVE	
56189		XA544	24			XA443	80		16B	9			TWDB7B4	52				RR4	B3				
56190		XA443	80								P	UWLC7D	53	TWDB7B4	02	1	TLD	F4			39A		C09
56191		XA543	27								J	TWDB7D	51	TWDB7D	00	1	TLD	B4			13B	TWDB7B4 BUSS	
56192		XA511	77			XA511	71		16B	9			TWDEA	51	TWDEA	01	1	TQ2	F1		38B		
56193		XA511	71			XA518	31		16B	9			TWDEA	52	TWDEA	01	1	TQ2	F2		36A		
56194		XA518	31										TWDEA	53	TWDEA	00	1	TT3	C2		15B		
56195		XA438	68			XA518	29		16B	9			TWDEPR	51	TWDEPR	00	1	PAR	E1		33A	WRITE STROBE GENER	
56196		XA518	29			XA509	33		16B	9			TWDEPR	52	TWDEA	01	1	TT3	C2		14B		
56197		XA509	33										TWDEPR	53	TWDBCA	01	1	TT3	C3		16B		
									****			SIGNAL	TWDEO		IS ON THE	NEXT PAGE	****						

H78-14 960

DRAWING NUMBER 149017-800 STRING
 UNIT ASSEMBLY NAME CARD CAGE ASSY B,IFCU

UNIT ASSEMBLY NO. 149017
 FILE IDENT T39CIFC7

REV E INDEX TWLRCD4
 DATE 09-03-82 PAGE 283

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											
56315		XA544	38										TWLRCD4	52				RR4	C2				
56312		XA525	76		XA543	35			16B	9			TWLRCO	51	TWLRCO	00	1	TD4	F1		37A		C09
56317		XA543	35										TWLRCO	52	TWLRCD4	01	1	TLD	C4		17B		
56347		XA511	69		XA512	73			16B	9			TWPE00	51	TWPE00	00	1	TQ2	F3		35A		
56348		XA512	73										TWPE00	52	TWPEOA	01	2	TQ2	F2		36B		
56349		XA410	10		XA418	08			16B	9			TWRGRA	51	TCRS70	01	3	TD4	A1		07A		
56350		XA418	08		XA522	51			16B	9			TWRGRA	52	TCRS00	01	6	TS8	A1		06A		
56351		XA522	51										TWRGRA	53	TWRGRA	00	1	TQ2	D4		27B		
56352		XA516	57		XA517	55			16B	9			TWRGOA	51	TWRGOA	00	1	TQ2	E3		30B		
56353		XA517	55										TWRGOA	52	TWRGOS	01	2	TQ2	E3		29B		
56354		XA515	47		XA517	53			16B	9			TWRGOR	51	TWRGOR	00	1	TD4	D1		25B		
56355		XA517	53										TWRGOR	52	TWRGOS	01	1	TQ2	E3		28B		
56356		XA522	47		XA517	57			16B	9			TWRGOS	51	TWRGRA	01	1	TQ2	D4		25B		
56357		XA517	57		XA516	61			16B	9			TWRGOS	52	TWRGOS	00	1	TQ2	E3		30B		WRITE DELAY BIT 0
56358		XA516	61		XA515	61			16B	9			TWRGOS	53	TWRG1R	01	2	TQ2	E4		32B		
56359		XA515	61		XA515	49			16B	9			TWRGOS	54	TWRG2A	01	1	TD4	F1		32B		
56360		XA515	49										TWRGOS	55	TWRGOR	01	1	TD4	D1		26B		
56361		XA516	53		XA524	51			16B	9			TWRG00	51	TWRGOA	01	1	TQ2	E3		28B		
56362		XA524	51										TWRG00	52	TWRG00	00	1	TT3	D3		27B		
56364		XA515	52		XA516	69			16B	9			TWRG1A	52	TWRGOR	01	2	TD4	D1		24A		
56365		XA516	69										TWRG1A	53	TWRG1A	00	1	TQ2	F3		35A		
56366		XA515	72		XA517	77			16B	9			TWRG1R	50	TLCC2A	01	2	TD4	F2		34A		B10
56367		XA517	77		XA516	63			16B	9			TWRG1R	51	TWRG3A	01	1	TQ2	F1		38B		
56367		XA516	63		XA517	59			16B	9			TWRG1R	52	TWRG1R	00	1	TQ2	E4		33B		
56368		XA517	59		XA522	49			16B	9			TWRG1R	53	TWRG1S	01	1	TQ2	E4		31B		
56369		XA522	49										TWRG1R	54	TWRGRA	01	2	TQ2	D4		26B		
56370		XA524	41		XA515	31			16B	9			TWRG1S	50	TWRG8A	01	1	TT3	D2		22B		B10
56371		XA515	31		XA515	38			16B	9			TWRG1S	51	TWRG4A	01	2	TD4	C2		15B		
56371		XA515	38		XA516	59			16B	9			TWRG1S	52	TWRG6A	01	2	TD4	C1		18A		
56372		XA516	59		XA517	63			16B	9			TWRG1S	53	TWRG1R	01	1	TQ2	F4		31B		
56373		XA517	63		XA518	60			16B	9			TWRG1S	54	TWRG1S	00	1	TQ2	E4		33B		WRITE DELAY BIT 1
56374		XA518	60		XA512	64			16B	9			TWRG1S	55	UW4BCA	01	2	TT3	E2		28A		C09
56375		XA512	64										TWRG1S	56	UWRIOA	01	2	TQ2	E2		30A		C09
56376		XA517	61		XA515	59			16B	9			TWRG2A	51	TWRG1S	01	2	TQ2	E4		32B		
56377		XA515	59										TWRG2A	52	TWRG2A	00	1	TD4	F1		31B		
56378		XA410	71		XA504	60			16B	9			TWRG2R	51	TWRG2S	01	1	TD4	E2		36A		
56379		XA504	60		XA518	73			16B	9			TWRG2R	52	TWR11A	01	2	TS8	E1		28A		
56380		XA518	73										TWRG2R	53	TWRG2R	00	1	TT3	F1		36B		

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DRAWING NUMBER 149017-800 STRING
 UNIT ASSEMBLY NAME CARD CAGE ASSY B,IFCU

UNIT ASSEMBLY NO. 149017
 FILE IDENT T39C1FC7

REV E INDEX TWRG2R
 DATE 09-03-82 PAGE 284

RECORD NUMBER	FROM				TO				WIRE				SIGNAL	SEQ NO	EQUATION	TERM	FACTOR	CKT OR CHIP TYPE	GROUP	LOAD OR POWER PLANE	TEST POINTS AND/OR	SIGNAL DESCRIPTION	ECO NO
	PREFIX	CONNECTOR	PIN	SN FC	PREFIX	CONNECTOR	PIN	SN FC	MULTI GROUP	CODE	COLOR	IDENT											
51652		XA508	31		XA518	75				16B	9		TWRG2S	51	TFST6A	01	2	TD4	C2		15B		
56382		XA518	75		XA516	65				16B	9		TWRG2S	52	TWRG2R	01	1	TT3	F1			37B	
56383		XA516	65		XA509	76				16B	9		TWRG2S	53	TWRG1A	01	1	TQ2	F3			34B	
56384		XA509	76		XA410	69				16B	9		TWRG2S	54	TNSGMA	01	2	TT3	F3			37A	
56385		XA410	69										TWRG2S	55	TWRG2S	00	1	TD4	F2			35A	WRITE DELAY BIT 2
56386		XA518	77		XA517	75				16B	9		TWRG3A	51	TWRG2R	01	2	TT3	F1			38B	
56387		XA517	75										TWRG3A	52	TWRG3A	00	1	TQ2	F1			37B	
56388		XA410	72		XA515	33				16B	9		TWRG4A	51	TWRG2S	01	2	TD4	F2			34A	
56389		XA515	33										TWRG4A	52	TWRG4A	00	1	TD4	C2			16B	
56390		XA515	35		XA512	26				16B	9		TWRG6A	51	TWRG6A	00	1	TD4	C1			17B	
56391		XA512	26		XA410	73				16B	9		TWRG6A	52	TWRIOS	01	2	TQ2	B1			14A	
56392		XA410	73										TWRG6A	53	TWRG2S	01	3	TD4	F2			36B	
56393		XA524	43		XA410	74				16B	9		TWRG8A	51	TWRG8A	00	1	TT3	D2			23B	
56394		XA410	74										TWRG8A	52	TWRG2S	01	4	TD4	F2			35B	
56397		XA425	33		XA527	38				16B	9		TWRIEP	51	TWRIEP	00	1	TDD	FP			16B	
56398		XA527	38		XA524	47				16B	9		TWRIEP	52	TCSD00	01	6	TS8	C1			18A	
56399		XA524	47		XA516	79				16B	9		TWRIEP	53	TWRG00	01	2	TT3	D3			25B	
56400		XA516	79		XA503	20				16B	9		TWRIEP	54	TWENCO	01	2	TQ2	F1			39B	
56401		XA503	20		XA518	25				16B	9		TWRIEP	55	TNDA2A	01	4	TS8	B1			11A	C05
57286		XA518	25										TWRIEP	56	TTRS00	01	3	TT3	B3			12B	C05
56402		XA509	69		XA425	31				16B	9		TWRIEQ	51	TNSGMA	01	1	TT3	F3			35A	B10
56404		XA425	31										TWRIEQ	53	TWRIEQ	00	1	TDD	FQ			15B	ERASE COMMAND F/E
56405		XA410	06		XA505	66				16B	9		TWRIRA	51	TCRS70	01	1	TD4	A1			05A	
56406		XA505	66										TWRIRA	52	TWRIRA	00	1	TQ2	E1			31A	
56407		XA505	73		XA516	77				16B	9		TWRITP	51	TNSGA0	01	2	TQ2	F2			36B	
56408		XA516	77		XA524	45				16B	9		TWRITP	52	TWENCO	01	1	TQ2	F1			38B	
56409		XA524	45		XA527	37				16B	9		TWRITP	53	TWRG00	01	1	TT3	D3			24B	
56410		XA527	37		XA428	48				16B	9		TWRITP	54	TCSD00	01	5	TS8	C1			18B	
56411		XA428	48		XA425	45				16B	9		TWRITP	55	TWRITO	01	1	TQ2	D2			22A	
56412		XA425	45		XA407	50				16B	9		TWRITP	56	TWRITP	00	1	TDD	HP			24B	
56413		XA407	50										TWRITP	57	TSTR7A	01	2	TQ2	D2			23A	C09
56414		XA524	75		XA521	43				16B	9		TWRITQ	51	UW5BCA	01	1	TT3	F1			37B	C09
56415		XA521	43		XA518	53				16B	9		TWRITQ	52	TWTOCA	01	1	TS8	D1			23B	
56416		XA518	53		XA512	71				16B	9		TWRITQ	53	UW4BCA	01	1	TT3	E2			28B	
56417		XA512	71		XA512	62				16B	9		TWRITQ	54	TWPEOA	01	1	TQ2	F2			36A	
56418		XA512	62		XA507	30				16B	9		TWRITQ	55	UWRIOA	01	1	TQ2	E2			29A	C09
56419		XA507	30		XA511	23				16B	9		TWRITQ	56	TWRQ0A	01	1	TS8	C1			15A	
56420		XA511	23		XA515	06				16B	9		TWRITQ	57	TWRQ6A	01	1	TQ2	B4			11B	
56421		XA515	06		XA425	43				16B	9		TWRITQ	58	TLCCOA	01	1	TD4	A1			05A	
										****	SIGNAL	TWRITQ		IS ON THE	NEXT PAGE	****							

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DRAWING NUMBER 149017-800 STRING
 UNIT ASSEMBLY NAME CARD CAGE ASSY B,IFCU

UNIT ASSEMBLY NO. 149017
 FILE IDENT T39C1FC7

REV E INDEX TWRQ1A
 DATE 09-03-82 PAGE 287

RECORD NUMBER	FROM				TO				WIRE			SFC INST MISC	SIGNAL	SEQ NO	EQUATION	TERM	FACTOR	CKT OR CHIP TYPE	GROUP	LOAD OR POWER PLANE	TEST POINTS AND/OR	SIGNAL DESCRIPTION	ECO NO	
	PREFIX	CONNECTOR	PIN	SH FC	PREFIX	CONNECTOR	PIN	SH FC	MULTI GROUP	CODE	COLOR													IDENT
51700		XA507	40		XA513	11				16B	9		TWRQ1P	01	TWRQ0A	01	7	TS8	C1		19A		C09	
58176		XA513	11		XA514	08				16B	9		TWRQ1P	02	TWRQ1P	00	1	TDD	AP		05B		C09	
56531		XA514	08		XA514	79				16B	9		TWRQ1P	03	TWRQ0I	01	1	TDD	AI		06A		D01	
51660		XA514	79										TWRQ1P	04	TWRQ2N	01	1	TDD	LN		39B		D01	
56501		XA516	68		XA510	07				16B	9		TWRQ1R	51	TWRQ1S	01	1	TQ2	F1		32A			
56502		XA510	07										TWRQ1R	52	TWRQ1R	00	1	TT3	A2		03A			
56503		XA510	01		XA511	17				16B	9		TWRQ1S	51	TWRQ1R	01	1	TT3	A2		02B			
56504		XA511	17		XA516	66				16B	9		TWRQ1S	52	TWRQ1A	01	1	TQ2	B3		08B			
56505		XA516	66										TWRQ1S	53	TWRQ1S	00	1	TQ2	E1		31A			
56506		XA516	70		XA512	14				16B	9		TWRQ2A	51	TWRQ1S	01	2	TQ2	E1		33A			
56507		XA512	14										TWRQ2A	52	TWRQ2A	00	1	TQ2	B2		09A			
55531		XA513	01		XA514	76				16B	9		TWRQ2P	01	TWRQ3N	01	1	TDD	BN		02B		D01	
53241		XA514	76		XA436	30				16B	9		TWRQ2P	02	TWRQ2P	00	1	TDD	LP		37A		D01	
55482		XA436	30										TWRQ2P	03	TWRQ4N	01	1	TDD	FN		15A		C09	
56313		XA505	77		XA507	42				16B	9		TWRQ2Q	01	TWRQ9A	01	1	TQ2	F1		38B		C09	
51651		XA507	42		XA514	78				16B	9		TWRQ2Q	02	TWRQ0A	01	8	TS8	C1		20A		D01	
53242		XA514	78										TWRQ2Q	03	TWRQ2Q	00	1	TDD	LQ		36A		D01	
56510		XA511	40		XA511	34				16B	9		TWRQ2R	51	TWRQ2S	01	1	TQ2	C1		19A			
56511		XA511	34		XA510	31				16B	9		TWRQ2R	52	TWRQ7A	01	1	TQ2	C2		16A			
56512		XA510	31										TWRQ2R	53	TWRQ2R	00	1	TT3	C2		15B			
56513		XA511	38		XA510	29				16B	9		TWRQ2S	51	TWRQ2S	00	1	TQ2	C1		18A			
56514		XA510	29		XA510	09				16B	9		TWRQ2S	52	TWRQ2R	01	1	TT3	C2		14B			
56515		XA510	09										TWRQ2S	53	TWRQ4A	01	1	TT3	A3		04B			
56516		XA510	03		XA512	21				16B	9		TWRQ3A	51	TWRQ1R	01	2	TT3	A2		02A			
56517		XA512	21										TWRQ3A	52	TWRQ3A	00	1	TQ2	B3		10B			
56518		XA507	34		XA513	09				16B	9		TWRQ3P	51	TWRQ0A	01	3	TS8	C1		16A			
56519		XA513	09										TWRQ3P	52	TWRQ3P	00	1	TDD	BP		04B			
56520		XA436	34		XA513	07				16B	9		TWRQ3Q	51	TWRQ4I	01	1	TDD	FI		16A			
56521		XA513	07										TWRQ3Q	52	TWRQ3Q	00	1	TDD	BQ		03A			
56522		XA512	40		XA510	39				16B	9		TWRQ3R	51	TWRQ3S	01	1	TQ2	C1		19A			
56523		XA510	39										TWRQ3R	52	TWRQ3R	00	1	TT3	C3		19B			
56524		XA509	01		XA510	33				16B	9		TWRQ3S	51	TWRQ5A	01	1	TT3	A2		02B			
56525		XA510	33		XA512	38				16B	9		TWRQ3S	52	TWRQ3R	01	1	TT3	C3		16B			
56526		XA512	38										TWRQ3S	53	TWRQ3S	00	1	TQ2	C1		18A			
56527		XA512	42		XA510	15				16B	9		TWRQ4A	51	TWRQ3S	01	2	TQ2	C1		20A			
										****		SIGNAL	(TWRQ4A)											IS ON THE NEXT PAGE ****

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DRAWING NUMBER 149017-800 STRING
 UNIT ASSEMBLY NAME CARD CAGE ASSY B,IFCU

UNIT ASSEMBLY NO. 149017
 FILE IDENT T39CIFC7

REV E INDEX TWRQ4A
 DATE 09-03-82 PAGE 288

RECORD NUMBER	FROM				TO				WIRE				SIGNAL	SEQ NO	EQUATION	TERM	FACTORS	CKT OR CHIP TYPE	GROUP	LOAD OR POWER PLANE	TEST POINTS AND OR	SIGNAL DESCRIPTION	ECO NO
	PREFIX	CONNECTOR	PIN	SH/FC	PREFIX	CONNECTOR	PIN	SH/FC	MULTI GROUP	CODE	COLOR	IDENT											
56528		XA510	15										TWRQ4A	52	TWRQ4A	00	1	TT3	A3		07B		
56529		XA436	33		XA425	79			16B	9			TWRQ4P	51	TWRQ4P	00	1	TDD	FP		16B		
56530		XA425	79		XA513	05			16B	9			TWRQ4P	52	TWRQCN	01	1	TDD	LN		39B	C09	
56508		XA513	05										TWRQ4P	53	TWRQ3I	01	1	TDD	BI		03B	C09	
56532		XA507	36		XA436	31			16B	9			TWRQ4Q	51	TWRQ0A	01	4	TS8	C1		17A		
56533		XA436	31										TWRQ4Q	52	TWRQ4Q	00	1	TDD	FQ		15B	WRITE REQUEST DELA	
56534		XA510	30		XA509	07			16B	9			TWRQ5A	51	TWRQ2R	01	2	TT3	C2		15A		
56535		XA509	07		XA511	05			16B	9			TWRQ5A	52	TWRQ5A	00	1	TT3	A2		03A		
56536		XA511	05		XA425	75			16B	9			TWRQ5A	53	TM00S0	01	2	TQ2	A2		03B		
56537		XA425	75										TWRQ5A	54	TWRQCP	01	1	TDD	LP		37B		
56538		XA511	27		XA509	08			16B	9			TWRQ6A	51	TWRQ6A	00	1	TQ2	B4		13B		
56539		XA509	08										TWRQ6A	52	TWRQ0S	01	2	TT3	A1		04A		
56540		XA510	35		XA511	30			16B	9			TWRQ7A	51	TWRQ3R	01	2	TT3	C3		17B		
56541		XA511	30										TWRQ7A	52	TWRQ7A	00	1	TQ2	C2		15A		
51689		XA514	77		XA505	75			16B	9			TWRQ9A	01	TWRQ2I	01	1	TDD	LI		38B	D01	
56316		XA505	75										TWRQ9A	02	TWRQ9A	00	1	TQ2	F1		37B	C09	
56542		XA426	51		XA425	48			16B	9			TWRT10	51	TWRT10	00	1	TQ2	D4		27B		
56543		XA425	48										TWRT10	52	TWRT1I	01	1	TDD	HI		22A		
56544		XA425	34		XA426	39			16B	9			TWRT20	51	TWRT20	00	1	TQ2	C4		16A		
56545		XA426	39										TWRT20	52	TWRT20	00	1	TQ2	C4		19B		
56546		XA426	33		XA425	54			16B	9			TWRT30	51	TWRT30	00	1	TQ2	C3		16B		
56547		XA425	54		XA518	06			16B	9			TWRT30	52	TWRT30	01	1	TDD	GI		25A		
56548		XA518	06		XA518	01			16B	9			TWRT30	53	TWRT6A	01	1	TT3	A1		05A		
56549		XA518	01		XA518	09			16B	9			TWRT30	54	TWRT7A	01	1	TT3	A2		02B		
56550		XA518	09		XA518	22			16B	9			TWRT30	55	UWRT8A	01	1	TT3	A3		04B	C13	
56551		XA518	22										TWRT30	56	UWRT9A	01	1	TT3	B1		12A	C13	
56552		XA517	08		XA518	04			16B	9			TWRT6A	51	TRST00	01	1	TQ2	A1		06A		
56553		XA518	04										TWRT6A	52	TWRT6A	00	1	TT3	A1		04A		
56554		XA517	04		XA518	07			16B	9			TWRT7A	51	TRST10	01	1	TQ2	A2		04A		
56555		XA518	07										TWRT7A	52	TWRT7A	00	1	TT3	A2		03A		
56560		XA425	47		XA521	55			16B	9			TWTSTP	51	TWTSTP	00	1	TDD	GP		25B		
56561		XA521	55										TWTSTP	52	TRR00A	01	1	TS8	F1		29B		
56562		XA505	13		XA521	47			16B	9			TWTOCA	51	TS29S0	01	2	TQ2	A4		04B		
56563		XA521	47										TWTOCA	52	TWTOCA	00	1	TS8	D1		25B	WRITE COMMAND IOU	
56564		XA543	08		XA540	20			16B	9			TWOODTA	51	TWDB0D	01	1	TLD	A1		06A		
56565		XA540	20		XA438	31			16B	9			TWOODTA	52	UWLC0ER	01	1	FOR	B4		10A	C09	
									****	SIGNAL		(TWOODTA	IS ON THE		NEXT PAGE		****						

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DRAWING NUMBER
UNIT ASSEMBLY NAME

149017-800
CARD CAGE ASSY B,IFCU

STRING

UNIT ASSEMBLY NO.
FILE IDENT

149017
T39C1FC7

REV E
DATE 09-03-82

INDEX TW00DTA
PAGE 289

RECORD NUMBER	FROM			TO			WIRE			SPEC INST MISC	SIGNAL	SEQ NO	EQUATION	TERM	FACTOR	CKT OR CHIP TYPE	GROUP	LOAD OR POWER PLANE	TEST POINTS AND OR	SIGNAL DESCRIPTION	ECO NO
	PREFIX	CONNECTOR	PIN	PREFIX	CONNECTOR	PIN	MULTI GROUP	CODE	COLOR												
56566		XA438	31		XA423	55		16B	9		TW00DTA	53	TW07BPR	01	1	PAR	C1		15B		
56567		XA423	55								TW00DTA	54	TW00DTA	00	1	MUX	D1		27B	WRITE DATA BIT 0 M	
56568		XA423	61		XA438	33		16B	9		TW00DTB	51	TW00DTB	00	1	MUX	D2		31B		
56569		XA438	33		XA543	04		16B	9		TW00DTB	52	TW07BPR	01	2	PAR	C1		16B		
56570		XA438	04		XA540	31		16B	9		TW00DTB	53	TWDB1D	01	1	TLD	A2		04A		
56571		XA540	31								TW00DTB	54	UWLC1ER	01	1	EOR	C1		15B		C09
56572		XA540	37		XA543	03		16B	9		TW00DTC	51	UWLC2ER	01	1	EOR	C2		18B		C09
56573		XA543	03		XA438	35		16B	9		TW00DTC	52	TWDB2D	01	1	TLD	A3		02A		
56574		XA438	35		XA423	60		16B	9		TW00DTC	53	TW07BPR	01	3	PAR	C1		17B		
56575		XA423	60								TW00DTC	54	TW00DTC	00	1	MUX	D3		28A		
56576		XA423	63		XA438	37		16B	9		TW00DTD	51	TW00DTD	00	1	MUX	D4		31A		
56577		XA438	37		XA543	11		16B	9		TW00DTD	52	TW07BPR	01	4	PAR	C1		18B		
56578		XA543	11		XA540	40		16B	9		TW00DTD	53	TWDB3D	01	1	TLD	A4		05B		
56579		XA540	40								TW00DTD	54	UWLC3ER	01	1	EOR	C3		19A		C09
56580		XA421	73		XA423	51		16B	9		TW01DTA	51	TW01DTA	00	1	MUX	E1		34B		
56581		XA423	51								TW01DTA	52	TW00DTA	01	1	MUX	D1		25B		
56582		XA423	57		XA421	79		16B	9		TW01DTB	51	TW00DTB	01	1	MUX	D2		29B		
56583		XA421	79								TW01DTB	52	TW01DTB	00	1	MUX	E2		37B		
56584		XA421	74		XA423	54		16B	9		TW01DTC	51	TW01DTC	00	1	MUX	E3		36A		
56585		XA423	54								TW01DTC	52	TW00DTC	01	1	MUX	D3		26A		
56586		XA423	62		XA421	80		16B	9		TW01DTD	51	TW00DTD	01	1	MUX	D4		29A		
56587		XA421	80								TW01DTD	52	TW01DTD	00	1	MUX	E4		38B		
56588		XA422	73		XA423	53		16B	9		TW02DTA	51	TW02DTA	00	1	MUX	E1		34B		
56589		XA423	53								TW02DTA	52	TW00DTA	01	2	MUX	D1		26B		
56590		XA423	59		XA422	79		16B	9		TW02DTB	51	TW00DTB	01	2	MUX	D2		30B		
56591		XA422	79								TW02DTB	52	TW02DTB	00	1	MUX	E2		37B		
56592		XA422	74		XA423	56		16B	9		TW02DTC	51	TW02DTC	00	1	MUX	E3		36A		
56593		XA423	56								TW02DTC	52	TW00DTC	01	2	MUX	D3		28B		
56594		XA423	64		XA422	80		16B	9		TW02DTD	51	TW00DTD	01	2	MUX	D4		30A		
56595		XA422	80								TW02DTD	52	TW02DTD	00	1	MUX	E4		38B		
56596		XA543	24		XA540	34		16B	9		TW04DTA	51	TWDB4D	01	1	EXT	B1		13A		D01
56597		XA540	34		XA438	38		16B	9		TW04DTA	52	UWLC4ER	01	1	EOR	C4		16A		C09
56598		XA438	38		XA422	55		16B	9		TW04DTA	53	TW07BPR	01	5	PAR	C1		18A		
56599		XA422	55								TW04DTA	54	TW04DTA	00	1	MUX	D1		27B	WRITE DATA BIT 4 M	
56600		XA422	61		XA438	36		16B	9		TW04DTB	51	TW04DTB	00	1	MUX	D2		31B		
56601		XA438	36		XA543	18		16B	9		TW04DTB	52	TW07BPR	01	6	PAR	C1		17A		
56602		XA543	18		XA540	43		16B	9		TW04DTB	53	TWDB5D	01	1	TLD	B2		10A		
								***	SIGNAL		TW04DTB		IS ON THE						****		

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 DRAWING NUMBER
 UNIT ASSEMBLY NAME

149017-800
 CARD CAGE ASSY B,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	SH FTG	PREFIX	CONNECTOR	PIN	SH FTG	MULTI GROUP	CODE	COLOR	IDENT											
56603		XA540	43										TW04DTB	54	UWLC5ER	01 1	EOR	D1		23B		C 09	
56604		XA540	49		XA543	17			16B	9			TW04DTC	51	UWLC6ER	01 1	EOR	D2		26B		C 09	
56605		XA543	17		XA438	34			16B	9			TW04DTC	52	TWDB6D	01 1	TLD	B3		08B			
56606		XA438	34		XA422	60			16B	9			TW04DTC	53	TW07BPR	01 7	PAR	C1		16A			
56607		XA422	60										TW04DTC	54	TW04DTC	00 1	MUX	D3		28A			
56608		XA422	63		XA438	30			16B	9			TW04DTC	51	TW04DTC	00 1	MUX	D4		31A			
56609		XA438	30		XA543	23			16B	9			TW04DTC	52	TW07BPR	01 8	PAR	C1		15A			
56610		XA543	23		XA540	54			16B	9			TW04DTC	53	TWDB7D	01 1	TLD	B4		11B			
56611		XA540	54										TW04DTC	54	UWLC7ER	01 1	EOR	D3		25A		C 09	
56612		XA423	73		XA422	51			16B	9			TW05DTA	51	TW05DTA	00 1	MUX	E1		34B			
56613		XA422	51										TW05DTA	52	TW04DTA	01 1	MUX	D1		25B			
56614		XA422	57		XA423	79			16B	9			TW05DTB	51	TW04DTB	01 1	MUX	D2		29B			
56615		XA423	79										TW05DTB	52	TW05DTB	00 1	MUX	E2		37B			
56616		XA423	74		XA422	54			16B	9			TW05DTC	51	TW05DTC	00 1	MUX	E3		36A			
56617		XA422	54										TW05DTC	52	TW04DTC	01 1	MUX	D3		26A			
56618		XA422	62		XA423	80			16B	9			TW05DTC	51	TW04DTC	01 1	MUX	D4		29A			
56619		XA423	80										TW05DTC	52	TW05DTC	00 1	MUX	E4		38B			
56620		XA424	73		XA422	53			16B	9			TW06DTA	51	TW06DTA	00 1	MUX	E1		34B			
56621		XA422	53										TW06DTA	52	TW04DTA	01 2	MUX	D1		26B			
56622		XA422	59		XA424	79			16B	9			TW06DTB	51	TW04DTB	01 2	MUX	D2		30B			
56623		XA424	79										TW06DTB	52	TW06DTB	00 1	MUX	E2		37B			
56624		XA424	74		XA422	56			16B	9			TW06DTC	51	TW06DTC	00 1	MUX	E3		36A			
56625		XA422	56										TW06DTC	52	TW04DTC	01 2	MUX	D3		28B			
56626		XA422	64		XA424	80			16B	9			TW06DTC	51	TW04DTC	01 2	MUX	D4		30A			
56627		XA424	80										TW06DTC	52	TW06DTC	00 1	MUX	E4		38B			
56628		XA543	40		XA540	26			16B	9			TW07BPR	51	TWDBPD	01 1	TLD	C1		19A			
56629		XA540	26		XA438	42			16B	9			TW07BPR	52	UWLCPER	01 1	EOR	B3		13A		C 09	
56630		XA438	42										TW07BPR	53	TW07BPR	00 1	PAR	C1		20A	WRITE DATA PARITY		
56637		XA444	30		XA443	30			16B	9		P	TXACMD	51	TXACMB4	01 1	TLD	C2		15A			
56638		XA443	30		XA441	36			16B	9		P	TXBCMD	52	TXACMB4	02 1	TLD	C2		15A			
56639		XA441	36		XA442	19			16B	9			TXACMB4	53	TXRCMS	01 2	TQ2	C2		17A			
56640		XA442	19										TXACMB4	54			RR4	B5					
56641		XA444	30									J	TXACMD	51	TXACMD	00 1	TLD	C2		15A	TXACMB4 BUSS		
58179		XA446	60									J	TXACMDX	01	TXACMDX	00 1	DCF	C5		31B	DIACMB BUSS		
56642		XA431	06		XA444	36			16B	9			TXACMOX	51	TXARSA	01 1	TT3	A1		05A			
									****	SIGNAL			TXACMOX		IS ON THE		NEXT PAGE	****					

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	PREFIX	CONNECTOR	PIN	SHFE	PREFIX	CONNECTOR	PIN	SHFE	MULTI GROUP	CODE	COLOR	IDENT												
56643		XA444	36			XA446	57			16B	9			TXACMOX	52	TXACMD	01	2	TLD	C2		17A		
56644		XA446	57											TXACMOX	53	TXACMOX	00	1	DCF	C6		31A		
56645		XA444	48			XA444	47			16B	9			TXADEA	51	TXAR1D1	01	1	TLD	D2		22A		
56646		XA444	47			XA441	63			16B	9			TXADEA	52	TXBR1D1	01	1	TLD	D4		25B		
56647		XA441	63			XA439	78			16B	9			TXADEA	53	TXADEA	00	1	TQ2	F4		33B		
56648		XA439	78											TXADEA	54	TXAD1A	01	2	TQ2	F4		38A		
11799		XA249	01			XA348	79			16B	9			TXADEB	01				EXT					
11800		XA348	79											TXADEB	02				SHT					B06
04353		XA104	64			XA323	41			16B	9			TXADE04	01	DXADEA	01	1	THI	F1		33A	(DXADE04)	
04350		XA323	41			XA323	54			16B	9			TXADE04	02	DXBR4D1	01	1	TLD	D3		22B	(DXADE04)	
04351		XA323	54			XA303	74			16B	9			TXADE04	03	DXAR4D1	01	1	TLD	D1		25A		
04352		XA303	74			XA348	77			16B	9			TXADE04	04	DXAD0A	01	2	TQ2	F3		35B		
12186		XA348	77			XA439	74			16B	9			TXADE04	06				SHT					B06
56649		XA439	74			XA441	59			16B	9			TXADE04	51	TXAD0A	01	2	TQ2	F3		35B		
56650		XA441	59			XA444	41			16B	9			TXADE04	52	TXADEA	01	1	TQ2	F4		31B		
56651		XA444	41			XA444	54			16B	9			TXADE04	53	TXBROD1	01	1	TLD	D3		22B		
56652		XA444	54			XA547	73			16B	9			TXADE04	54	TXAROD1	01	1	TLD	D1		25A		B04
53205		XA547	73											TXADE04	55				RR4	H4				B04
56654		XA441	57			XA433	61			16B	9			TXADRO	51	TXADRO	00	1	TQ2	E3		30B	I/O ADDRESS FOR T	
56655		XA433	61			XA433	49			16B	9			TXADRO	52	TXCA0A	01	1	TD4	F1		32B		
56656		XA433	49											TXADRO	53	TXEA0A	01	1	TD4	D1		26B		
56657		XA439	69			XA441	53			16B	9			TXAD0A	51	TXAD0A	00	1	TQ2	F3		35A	ADDRESS 0 DECODE	
56658		XA441	53											TXAD0A	52	TXADRO	01	1	TQ2	E3		28B		
56659		XA441	55			XA439	80			16B	9			TXAD1A	51	TXADRO	01	2	TQ2	F3		29B		
56660		XA439	80											TXAD1A	52	TXAD1A	00	1	TQ2	F4		39A	ADDRESS 1 DECODE	
56661		XA441	31			XA442	36			16B	9			TXAENB4	51	TXRENS	01	2	TQ2	C3		15B		
56662		XA442	36			XA443	33			16B	9			TXAENB4	52				RR4	C1				
56663		XA443	33			XA444	33			16B	9		P	TXBEND	53	TXAENB4	02	1	TLD	C3		16B		
56664		XA444	33										P	TXAEND	54	TXAENB4	01	1	TLD	C3		16B		
56665		XA444	33										J	TXAEND	51	TXAEND	00	1	TLD	C3		16B	TXAENB4 BUSS	
58180		XA446	43										J	TXAENDX	01	TXAENDX	00	1	DCF	C7		25A	DTAENB BUSS	
56666		XA431	08			XA444	31			16B	9			TXAENOX	51	TXARSA	01	2	TT3	A1		06A		
56667		XA444	31			XA446	48			16B	9			TXAENOX	52	TXAEND	01	2	TLD	C3		15B		
56668		XA446	48											TXAENOX	53	TXAENOX	00	1	DCF	C8		26A		
56669		XA440	75			XA441	77			16B	9			TXAIEA	51	TXAIEA	00	1	TQ2	F1		37B	PORT A INPUT ENAB	
56670		XA441	77			XA441	71			16B	9			TXAIEA	52	TXAIEO	01	1	TQ2	F1		38B		
56671		XA441	71											TXAIEA	53	TXAIEO	01	1	TQ2	F2		36A		
56672		XA444	03			XA444	04			16B	9			TXAIEO	51	TXA2CD	01	1	TLD	A3		02A		
										****	SIGNAL	(TXAIEO)	IS ON THE NEXT PAGE										****	

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	PREFIX	CONNECTOR	PIN	SR PG	PREFIX	CONNECTOR	PIN	SR PG	MULTI GROUP	CODE	COLOR	IDENT												
56673		XA444	04		XA444	08			16B	9			TXAIEO	52	TXA1CD	01	1	TLD	A2		04A			
56674		XA444	08		XA444	11			16B	9			TXAIEO	53	TXA0CD	01	1	TLD	A1		06A			
56675		XA444	11		XA444	17			16B	9			TXAIEO	54	TXA3CD	01	1	TLD	A4		05B			
56676		XA444	17		XA444	18			16B	9			TXAIEO	55	TXA6CD	01	1	TLD	B3		08B			
56677		XA444	18		XA444	24			16B	9			TXAIEO	56	TXA5CD	01	1	TLD	B2		10A			
56678		XA444	24		XA444	23			16B	9			TXAIEO	57	TXA4CD	01	1	TLD	B1		13A			
56679		XA444	23		XA441	75			16B	9			TXAIEO	58	TXA7CD	00	1	TLD	B4		11B			
56680		XA441	75										TXAIEO	59	TXAIEO	01	1	TQ2	F1		37B			
56681		XA441	72		XA444	40			16B	9			TXAIFO	51	TXAIFO	00	1	TQ2	F2		34A			
56682		XA444	40		XA444	34			16B	9			TXAIFO	52	TXAPCD	01	1	TLD	C1		19A			
56683		XA444	34		XA444	29			16B	9			TXAIFO	53	TXACMD	01	1	TLD	C2		16A			
56684		XA444	29										TXAIFO	54	TXAEND	01	1	TLD	C3		14B			
58181		XA446	55									J	TXAINDX	01	TXAINDX	00	1	DCF	C3		30B	DTAINB BUSS		
56685		XA444	38		XA443	38			16B	9		P	TXAPCD	51	TXAPCB4	01	1	TLD	C1		18A			
56686		XA443	38		XA441	42			16B	9		P	TXBPCD	52	TXAPCB4	02	1	TLD	C1		18A			
56687		XA441	42		XA442	17			16B	9			TXAPCB4	53	TXRPCS	01	2	TQ2	C1		20A			
56688		XA442	17										TXAPCB4	54				RR4	B4					
56689		XA444	38									J	TXAPCD	51	TXAPCD	00	1	TLD	C1		18A	TXAPCB4 BUSS		
58183		XA446	46									J	TXAPCDX	01	TXAPCDX	00	1	DCF	C1		25B	DTAPCB BUSS		
56690		XA444	42		XA446	47			16B	9			TXAPCOX	51	TXAPCD	01	2	TLD	C1		20A			
56691		XA446	47										TXAPCOX	52	TXAPCOX	00	1	DCF	C2		26B			
56692		XA433	23		XA440	65			16B	9			TXARQA	51	TXARQA	00	1	TD4	B1		11B			
56693		XA440	65										TXARQA	52	TXARQ0	01	1	TQ2	F3		34B			
56694		XA444	50		XA444	56			16B	9			TXARQ0	51	TXAR1D1	01	2	TLD	D2		23A			
56695		XA444	56		XA440	69			16B	9			TXARQ0	52	TXAR0D1	01	2	TLD	D1		26A			
56696		XA440	69										TXARQ0	53	TXARQ0	00	1	TQ2	F3		35A			
56697		XA437	18		XA431	04			16B	9			TXARSA	51	TXRS00	01	2	TS8	B1		10A			
56698		XA431	04										TXARSA	52	TXARSA	00	1	TT3	A1		04A	PORT A RESET		
52504		XA447	24		XA444	52			16B	9			TXAR0D1	01				SHT					B06	
58184		XA444	52		XA326	71			16B	9			TXAR0D1	02	TXAR0D1	00	1	TLD	D1		24A			
I1303		XA326	71										TXAR0D1	03				RR1	H1					
52505		XA447	25		XA444	46			16B	9			TXAR1D1	01				SHT						B06
58185		XA444	46		XA326	72			16B	9			TXAR1D1	02	TXAR1D1	00	1	TLD	D2		21A			
I1304		XA326	72										TXAR1D1	03				RR1	G5					
56699		XA439	35		XA441	66			16B	9			TXASLA	51	TXONL0	01	1	TQ2	C4		17B			
56700		XA441	66		XA409	68			16B	9			TXASLA	52	TXASLA	00	1	TQ2	F1		31A			
56701		XA409	68										TXASLA	53	TNDA3A	01	2	TT3	E1		32A			
									****		SIGNAL		TXASLBG		IS ON THE						****			

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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	PREFIX	CONNECTOR	PIN	SH FC	MULTI GROUP	CODE	COLOR												
51142 11055		XA446 XA249	79 04		XA 249	04			16B	9		TXASLBG TXASLBG	01 02				DCF EXT			40B	B09 B09	
56703 11801 11802		XA442 XA348 XA249	25 10 03		XA 348 XA 249	10 03			16B	9		TXASLB4 TXASLB4 TXASLB4	00 01 02				RR4 SHT EXT	C4			B04 B06 B06	
12214 56702		XA348 XA446	08 80		XA446	80			16B	9		TXASLDX4 TXASLDX4	01 51				SHT DCF				B06 38B	B04
56704 56705 56706 56707 56708 56709 56710		XA431 XA433 XA433 XA440 XA441 XA445 XA446	10 06 22 77 68 74 76		XA433 XA433 XA440 XA441 XA445 XA446	06 22 77 68 74 76			16B	9		TXASLOX TXASLOX TXASLOX TXASLOX TXASLOX TXASLOX TXASLOX	51 52 53 54 55 56 57	TXARSA TXAQEA TXARQA TXAIEA TXASLA TXASTOX TXASLOX	01 01 01 01 01 01 00	3 1 1 1 1 1 1	TT3 TD4 TD4 TQ2 TQ2 DCF DCF	A1 A1 B1 F1 E1 D6 D6	07A 05A 12A 38B 32A 37A 38A			
12187 12188		XA249 XA348	07 03		XA348	03			16B	9		TXASTB TXASTB	01 02				EXT SHT				A01 B06	
51143 11057		XA445 XA249	79 08		XA 249	08			16B	9		TXASTBG TXASTBG	01 02				DCF EXT			40B	B09 B09	
12215 56711 56712		XA348 XA442 XA445	01 42 80		XA442 XA445	42 80			16B	9		TXASTDX4 TXASTDX4 TXASTDX4	01 51 52				SHT RR4 DCF	D1 D5		38B	B06	
56713 56714 56715 56716		XA444 XA443 XA442 XA441	06 06 08 10		XA443 XA442 XA441	06 08 10			16B	9	P	TXA0CD TXB0CD TXA0CB4 TXA0CB4	51 52 53 54	TXA0CB4 TXA0CB4 TXA0CB4 TXR0CS	01 02 01 01	1 1 1 2	TLD TLD RR4 TQ2	A1 A1 A1 A1	05A 05A 07A			
56717		XA444	06								J	TXA0CD	51	TXA0CD	00	1	TLD	A1		05A	TXA0CB4 BUSS	
58187		XA446	07								J	TXA0CDX	01	TXA0CDX	00	1	DCF	A1		02B	DTA0CB BUSS	
56718 56719		XA444 XA446	10 09		XA446	09			16B	9		TXA0COX TXA0COX	51 52	TXA0CD TXA0COX	01 00	2 1	TLD DCF	A1 A2		07A 03B		
56720 56721 56722 56723		XA433 XA446 XA446 XA446	11 06 36 52		XA446 XA446 XA446	06 36 52			16B	9		TXA0EA TXA0EA TXA0EA TXA0EA	51 52 53 54	TXA0EA TXA0CDX TXA4CDX TXAPCDX	00 01 01 01	1 1 1 1	TD4 DCF DCF DCF	A1 A1 B1 C1	05B 05A 13A 29A	PORT A OUTPUT ENA		
56724 56725 56726 56727		XA441 XA442 XA443 XA444	05 10 01 01		XA442 XA443 XA444	10 01 01			16B	9		TXA1CB4 TXA1CB4 TXB1CD TXA1CD	51 52 53 54	TXR1CS TXA1CB4 TXA1CB4 TXA1CB4	01 02 02 01	2 1 1 1	TQ2 RR4 TLD TLD	A2 A2 A2 A2	03B 02B 02B 02B			
											****	SIGNAL	(TXA1CD)	IS ON THE NEXT PAGE				****				

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RECORD NUMBER	FROM			TO			WIRE				SIGNAL	SEQ NO	EQUATION	TERM	FACTS	CKT OR CHIP TYPE	GROUP	LOAD OR POWER PLANE	TEST POINTS AND/OR	SIGNAL DESCRIPTION	ECO NO
	PREFIX	CONNECTOR	PIN	PREFIX	CONNECTOR	PIN	MULTI GROUP	CODE	COLOR	IDENT											
56728		XA444	01								J	TXA1CD	51	TXA1CD	00	1	TLD	A2	02B	TXA1CB4 BUSS	
58197		XA446	17								J	TXA1CDX	01	TXA1CDX	00	1	DCF	A3	07B	DTA1CB BUSS	
56729		XA444	05		XA446	15		16B	9			TXA1COX	51	TXA1CD	01	2	TLD	A2	03B		
56730		XA446	15									TXA1COX	52	TXA1COX	00	1	DCF	A4	06B		
56731		XA441	07		XA442	05		16B	9			TXA2CB4	51	TXR2CS	01	2	TQ2	A3	03A		
56732		XA442	05		XA443	09		16B	9			TXA2CB4	52				RR4	A3			
56733		XA443	09		XA444	09		16B	9		P	TXB2CD	53	TXA2CB4	02	1	TLD	A3	04B		
56734		XA444	09								P	TXA2CD	54	TXA2CB4	01	1	TLD	A3	04B		
56735		XA444	09								J	TXA2CD	51	TXA2CD	00	1	TLD	A3	04B	TXA2CB4 BUSS	
58198		XA446	14								J	TXA2CDX	01	TXA2CDX	00	1	DCF	A5	08B	DTA2CB BUSS	
56736		XA444	07		XA446	10		16B	9			TXA2COX	51	TXA2CD	01	2	TLD	A3	03A		
56737		XA446	10									TXA2COX	52	TXA2COX	00	1	DCF	A6	07A		
56738		XA444	15		XA443	15		16B	9		P	TXA3CD	51	TXA3CB4	01	1	TLD	A4	07B		
56739		XA443	15		XA441	13		16B	9		P	TXB3CD	52	TXA3CB4	02	1	TLD	A4	07B		
56740		XA441	13		XA442	07		16B	9			TXA3CB4	53	TXR3CS	01	2	TQ2	A4	06B		
56741		XA442	07									TXA3CB4	54				RR4	A4			
56742		XA444	15								J	TXA3CD	51	TXA3CD	00	1	TLD	A4	07B	TXA3CB4 BUSS	
58199		XA446	01								J	TXA3CDX	01	TXA3CDX	00	1	DCF	A7	02A	DTA3CB BUSS	
56743		XA444	13		XA446	03		16B	9			TXA3COX	51	TXA3CD	01	2	TLD	A4	06B		
56744		XA446	03									TXA3COX	52	TXA3COX	00	1	DCF	A8	03A		
56745		XA444	22		XA443	22		16B	9		P	TXA4CD	51	TXA4CB4	01	1	TLD	B1	12A		
56746		XA443	22		XA441	26		16B	9		P	TXB4CD	52	TXA4CB4	02	1	TLD	B1	12A		
56747		XA441	26		XA442	09		16B	9			TXA4CB4	53	TXR4CS	01	2	TQ2	B1	14A		
56748		XA442	09									TXA4CB4	54				RR4	A5			
56749		XA444	22								J	TXA4CD	51	TXA4CD	00	1	TLD	B1	12A	TXA4CB4 BUSS	
58200		XA446	27								J	TXA4CDX	01	TXA4CDX	00	1	DCF	B1	10B	DTA4CB BUSS	
56750		XA444	26		XA446	29		16B	9			TXA4COX	51	TXA4CD	01	2	TLD	B1	14A		
56751		XA446	29									TXA4COX	52	TXA4COX	00	1	DCF	B2	11B		
56752		XA441	20		XA442	20		16B	9			TXA5CB4	51	TXR5CS	01	2	TQ2	B2	11A		
56753		XA442	20		XA443	14		16B	9			TXA5CB4	52				RR4	B1			
56754		XA443	14		XA444	14		16B	9		P	TXB5CD	53	TXA5CB4	02	1	TLD	B2	09A		
56755		XA444	14								P	TXA5CD	54	TXA5CB4	01	1	TLD	B2	09A		
56756		XA444	14								J	TXA5CD	51	TXA5CD	00	1	TLD	B2	09A	TXA5CB4 BUSS	
								****	SIGNAL			TXA5CDX		IS ON THE		NEXT PAGE	****				

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DRAWING NUMBER
UNIT ASSEMBLY NAME

149017-800
CARD CAGE ASSY B,IFCU

STRING

UNIT ASSEMBLY NO.
FILE IDENT

149017
T39C1FC7

REV E
DATE 09-03-82

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PAGE 295

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	PIH	DR PG	PREFIX	CONNECTOR	PIH	DR PG	MULTI GROUP	CODE	COLOR	IDENT														
58201		XA446	37									J	TXA5CDX	01	TXA5CDX	00	1	DCF	B3		15B	DTA5CB BUSS				
56757		XA444	20		XA446	35				16B	9		TXA5COX	51	TXA5CD	01	2	TLD	B2		11A					
56758		XA446	35										TXA5COX	52	TXA5COX	00	1	DCF	B4		14B					
56759		XA441	19		XA442	26				16B	9		TXA6CB4	51	TXR6CS	01	2	TQ2	B3		09B					
56760		XA442	26		XA443	21				16B	9		TXA6CB4	52				RR4	B2							
56761		XA443	21		XA444	21				16B	9		TXB6CD	53	TXA6CB4	02	1	TLD	B3			10B				
56762		XA444	21									P	TXA6CD	54	TXA6CB4	01	1	TLD	B3			10B				
56763		XA444	21									J	TXA6CD	51	TXA6CD	00	1	TLD	B3			10B	TXA6CB4 BUSS			
58202		XA446	41									J	TXA6CDX	01	TXA6CDX	00	1	DCF	B5		16A	DTA6CB BUSS				
56764		XA444	19		XA446	40				16B	9		TXA6COX	51	TXA6CD	01	2	TLD	B3		09B					
56765		XA446	40										TXA6COX	52	TXA6COX	00	1	DCF	B6		15A					
56766		XA444	27		XA443	27				16B	9	P	TXA7CD	51	TXA7CB4	01	1	TLD	B4			13B				
56767		XA443	27		XA442	24				16B	9	P	TXB7CD	52	TXA7CB4	02	1	TLD	B4			13B				
56768		XA442	24		XA441	25				16B	9		TXA7CB4	53				RR4	B3							
56769		XA441	25										TXA7CB4	54	TXR7CS	01	2	TQ2	B4			12B				
56770		XA444	27									J	TXA7CD	51	TXA7CD	00	1	TLD	B4			13B	TXA7CB4 BUSS			
58203		XA446	23									J	TXA7CDX	01	TXA7CDX	00	1	DCF	B7		10A	DTA7CB BUSS				
56771		XA444	25		XA446	30				16B	9		TXA7COX	51	TXA7CD	01	2	TLD	B4		12B					
56772		XA446	30										TXA7COX	52	TXA7COX	00	1	DCF	B8		11A					
56773		XA443	30									J	TXBCMD	51	TXBCMD	00	1	TLD	C2			15A	TXACMB4 BUSS			
58204		XA445	60									J	TXBCMDX	01	TXBCMDX	00	1	DCF	C5		31B	DTBCMB BUSS				
56774		XA431	01		XA443	36				16B	9		TXBCMOX	51	TXBRSA	01	1	TT3	A2			02B				
56775		XA443	36		XA445	57				16B	9		TXBCMOX	52	TXBCMD	01	2	TLD	C2			17A				
56776		XA445	57										TXBCMOX	53	TXBCMOX	00	1	DCF	C6			31A				
56777		XA443	33									J	TXBEND	51	TXBEND	00	1	TLD	C3			16B	TXAENB4 BUSS			
58205		XA445	43									J	TXBENDX	01	TXBENDX	00	1	DCF	C7		25A	DTBENB BUSS				
56778		XA431	03		XA443	31				16B	9		TXBENOX	51	TXBRSA	01	2	TT3	A2			02A				
56779		XA443	31		XA445	48				16B	9		TXBENOX	52	TXBEND	01	2	TLD	C3			15B				
56780		XA445	48										TXBENOX	53	TXBENOX	00	1	DCF	C8			26A				
56781		XA441	65		XA440	72				16B	9		TXBIEA	51	TXBIE0	01	1	TQ2	F3			34B				
56782		XA440	72		XA441	76				16B	9		TXBIEA	52	TXBIEA	00	1	TQ2	F2			34A	PORT B INPUT ENAB			
56783		XA441	76										TXBIEA	53	TXBIE0	01	1	TQ2	F4			37A				
56784		XA441	69		XA443	23				16B	9		TXBIE0	51	TXBIE0	00	1	TQ2	F3			35A				
												****	SIGNAL	TXBIE0											IS ON THE NEXT PAGE	****

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DRAWING NUMBER
UNIT ASSEMBLY NAME

149017-800
CARD CAGE ASSY B,IFCU

STRING

UNIT ASSEMBLY NO.
FILE IDENT

149017
T39C1FC7

REV E
DATE 09-03-82

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PAGE 296

RECORD NUMBER	FROM			TO			WIRE				SIGNAL	SEQ NO	EQUATION	TERM	FACTORS	CKT OR CHIP TYPE	GROUP	LOAD OR POWER PLANE	TEST POINTS AND OR		SIGNAL DESCRIPTION	ECO NO	
	PREFIX	CONNECTOR	PIN	PREFIX	CONNECTOR	PIN	MULTI GROUP	CODE	COLOR	IDENT									AND	OR			
56785		XA443	23		XA443	24			16B	9		TXBIE0	52	TXB7CD	01	1	TLD	B4		11B			
56786		XA443	24		XA443	18			16B	9		TXBIE0	53	TXB4CD	01	1	TLD	B1		13A			
56787		XA443	18		XA443	17			16B	9		TXBIE0	54	TXB5CD	01	1	TLD	B2		10A			
56788		XA443	17		XA443	11			16B	9		TXBIE0	55	TXB6CD	01	1	TLD	B3		08B			
56789		XA443	11		XA443	03			16B	9		TXBIE0	56	TXB3CD	01	1	TLD	A4		05B			
56790		XA443	03		XA443	04			16B	9		TXBIE0	57	TXB2CD	01	1	TLD	A3		02A			
56791		XA443	04		XA443	08			16B	9		TXBIE0	58	TXB1CD	01	1	TLD	A2		04A			
56792		XA443	08									TXBIE0	59	TXB0CD	01	1	TLD	A1		06A			
56793		XA441	80		XA443	40			16B	9		TXBIF0	51	TXBIF0	00	1	TQ2	F4		39A			
56794		XA443	40		XA443	34			16B	9		TXBIF0	52	TXBPCD	01	1	TLD	C1		19A			
56795		XA443	34		XA443	29			16B	9		TXBIF0	53	TXBCMD	01	1	TLD	C2		16A			
56796		XA443	29									TXBIF0	54	TXBEND	01	1	TLD	C3		14B			
58206		XA445	55								J	TXBINDX	01	TXBINDX	00	1	DCF	C3		30B	DTBINB BUSS		
56797		XA443	38								J	TXBPCD	51	TXBPCD	00	1	TLD	C1		16A	TXAPCB4 BUSS		
58208		XA445	46								J	TXBPCDX	01	TXBPCDX	00	1	DCF	C1		25B	DTBPCB BUSS		
56798		XA443	42		XA445	47			16B	9		TXBPCOX	51	TXBPCD	01	2	TLD	C1		20A			
56799		XA445	47									TXBPCOX	52	TXBPCOX	00	1	DCF	C2		26B			
56800		XA433	21		XA440	76			16B	9		TXBRQA	51	TXBRQA	00	1	TQ4	B2		10B			
56801		XA440	76									TXBRQA	52	TXBRQ0	01	1	TQ2	F4		37A			
56802		XA444	43		XA444	49			16B	9		TXBRQ0	51	TXBR0D1	01	2	TLD	D3		23B			
56803		XA444	49		XA440	80			16B	9		TXBRQ0	52	TXBR1D1	01	2	TLD	D4		26B			
56804		XA440	80									TXBRQ0	53	TXBRQ0	00	1	TQ2	F4		39A			
56805		XA437	19		XA431	07			16B	9		TXBRSA	51	TXRS00	01	3	TS8	B1		09B			
56806		XA431	07									TXBRSA	52	TXBRSA	00	1	TT3	A2		03A	PORT B RESET		
52537		XA447	61		XA444	45			16B	9		TXBR0D1	01				SHT					806	
58209		XA444	45		XA326	73			16B	9		TXBR0D1	02	TXBR0D1	00	1	TLD	D3		24B			
11305		XA326	73									TXBR0D1	03				RR1	H2					
52540		XA447	64		XA444	51			16B	9		TXBR1D1	01				SHT					806	
58210		XA444	51		XA326	74			16B	9		TXBR1D1	02	TXBR1D1	00	1	TLD	D4		27B			
11306		XA326	74									TXBR1D1	03				RR1	G6					
56807		XA439	37		XA441	60			16B	9		TXBSLA	51	TXONL0	01	2	TQ2	C4		18B			
56808		XA441	60		XA409	70			16B	9		TXBSLA	52	TXBSLA	00	1	TQ2	E2		28A			
56809		XA409	70									TXBSLA	53	TNDA3A	01	3	TT3	E1		33A			
51137		XA446	59		XA249	06			16B	9		TXBSLBG	01				DCF					809	
11056		XA249	06									TXBSLBG	02				EXT					809	
11803		XA249	05		XA348	15			16B	9		TXBSLB4	01				EXT					804	
11804		XA348	15		XA442	29			16B	9		TXBSLB4	02				SHT					806	
											****	SIGNAL	TXBSLB4	IS ON THE NEXT PAGE ****									

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DRAWING NUMBER
UNIT ASSEMBLY NAME

149017-800
CARD CAGE ASSY B,IFCU

STRING

UNIT ASSEMBLY NO.
FILE IDENT

149017
T39C1FC7

REV E
DATE 09-03-82

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PAGE 297

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 FCG	PREFIX	CONNECTOR	PIN	DR FCG	MULTI GROUP	CODE	COLOR	IDENT												
56811		XA442	29										TXBSLB4	03				RR4	C5				B04	
12216		XA348	13		XA446	61			16B	9			TXBSLDX4	01				SHT					B08	
56810		XA446	61										TXBSLDX4	51	TXBSLDX400	1		DCF	D7	33A	PORT B SELECT DR	B04		
56812		XA431	05		XA433	01			16B	9			TXBSLOX	51	TXBRSA	01	3	TT3	A2		03B			
56813		XA433	01		XA433	14			16B	9			TXBSLOX	52	TXBOEA	01	1	TD4	A2		02B			
56814		XA433	14		XA440	71			16B	9			TXBSLOX	53	TXBRQA	01	1	TD4	B2		09A			
56815		XA440	71		XA441	62			16B	9			TXBSLOX	54	TXBIEA	01	1	TQ2	F2		36A			
56816		XA441	62		XA445	70			16B	9			TXBSLOX	55	TXBSLA	01	1	TQ2	E2		29A			
56817		XA445	70		XA446	68			16B	9			TXBSLOX	56	TXBSTOX	01	1	DCF	D8		35A			
56818		XA446	68										TXBSLOX	57	TXBSLOX	00	1	DCF	D8		34A			
11805		XA249	09		XA348	06			16B	9			TXBSTB	01				EXT						
11806		XA348	06										TXBSTB	02				SHT					B06	
51136		XA445	59		XA249	10			16B	9			TXBSTBG	01				DCF					B09	
11058		XA249	10										TXBSTBG	02				EXT					B09	
12217		XA348	04		XA442	46			16B	9			TXBSTDX4	01				SHT					B06	
56819		XA442	46		XA445	61			16B	9			TXBSTDX4	51				RR4	D2					
56820		XA445	61										TXBSTDX4	52	TXBSTDX400	1		DCF	D7	33A	PORT B STATUS DR			
56821		XA443	06									J	TXB0CD	51	TXB0CD	00	1	TLD	A1		05A	TXA0CB4 BUSS		
58212		XA445	07									J	TXB0CDX	01	TXB0CDX	00	1	DCF	A1		02B	DTB0CB BUSS		
56822		XA443	10		XA445	09			16B	9			TXB0COX	51	TXB0CD	01	2	TLD	A1		07A			
56823		XA445	09										TXB0COX	52	TXB0COX	00	1	DCF	A2		03B			
56824		XA433	09		XA445	06			16B	9			TXB0EA	51	TXB0EA	00	1	TD4	A2		04B	PORT B OUTPUT ENA		
56825		XA445	06		XA445	36			16B	9			TXB0EA	52	TXB0CDX	01	1	DCF	A1		05A			
56826		XA445	36		XA445	52			16B	9			TXB0EA	53	TXB4CDX	01	1	DCF	B1		13A			
56827		XA445	52										TXB0EA	54	TXBPCDX	01	1	DCF	C1		29A			
56828		XA443	01									J	TXB1CD	51	TXB1CD	00	1	TLD	A2		02B	TXA1CB4 BUSS		
58222		XA445	17									J	TXB1CDX	01	TXB1CDX	00	1	DCF	A3		07B	DTB1CB BUSS		
56829		XA443	05		XA445	15			16B	9			TXB1COX	51	TXB1CD	01	2	TLD	A2		03B			
56830		XA445	15										TXB1COX	52	TXB1COX	00	1	DCF	A4		06B			
56831		XA443	09									J	TXB2CD	51	TXB2CD	00	1	TLD	A3		04B	TXA2CB4 BUSS		
58223		XA445	14									J	TXB2CDX	02	TXB2CDX	00	1	DCF	A5		08B	DTB2CB BUSS		
56832		XA443	07		XA445	10			16B	9			TXB2COX	51	TXB2CD	01	2	TLD	A3		03A			
56833		XA445	10										TXB2COX	52	TXB2COX	00	1	DCF	A6		07A			
56834		XA443	15									J	TXB3CD	51	TXB3CD	00	1	TLD	A4		07B	TXA3CB4 BUSS		

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DRAWING NUMBER
UNIT ASSEMBLY NAME

149017-800
CARD CAGE ASSY B,IFCU

STRING

UNIT ASSEMBLY NO.
FILE IDENT

149017
T39C1FC7

REV E
DATE 09-03-82

INDEX TXB3CD
PAGE 298

RECORD NUMBER	FROM				TO				WIRE			SIGNAL	SEQ NO	EQUATION	TERM	FACTOR	CKT OR CHIP TYPE	GROUP	LOAD OR POWER PLANE	TEST POINTS		SIGNAL DESCRIPTION	ECO NO
	PREFIX	CONNECTOR	PIN	SH PC	PREFIX	CONNECTOR	PIN	SH PC	MULTI GROUP	CODE	COLOR									IDENT	AND		
58224		XA445	01									J TXB3CDX	01	TXB3CDX	00	1	DCF	A7		02A		DTB3CB BUSS	
56835		XA443	13		XA445	03			16B	9		TXB3COX	51	TXB3CD	01	2	TLD	A4		06B			
56836		XA445	03									TXB3COX	52	TXB3COX	00	1	DCF	A8		03A			
56837		XA443	22									J TXB4CD	51	TXB4CD	00	1	TLD	B1		12A		TXA4CB4 BUSS	
58225		XA445	27									J TXB4CDX	01	TXB4CDX	00	1	DCF	B1		10B		DTB4CB BUSS	
56838		XA443	26		XA445	29			16B	9		TXB4COX	51	TXB4CD	01	2	TLD	B1		14A			
56839		XA445	29									TXB4COX	52	TXB4COX	00	1	DCF	B2		11B			
56840		XA443	14									J TXB5CD	51	TXB5CD	00	1	TLD	B2		09A		TXA5CB4 BUSS	
58226		XA445	37									J TXB5CDX	01	TXB5CDX	00	1	DCF	B3		15B		DTB5CB BUSS	
56841		XA443	20		XA445	35			16B	9		TXB5COX	51	TXB5CD	01	2	TLD	B2		11A			
56842		XA445	35									TXB5COX	52	TXB5COX	00	1	DCF	B4		14B			
56843		XA443	21									J TXB6CD	51	TXB6CD	00	1	TLD	B3		10B		TXA6CB4 BUSS	
58227		XA445	41									J TXB6CDX	01	TXB6CDX	00	1	DCF	B5		16A		DTB6CB BUSS	
56844		XA443	19		XA445	40			16B	9		TXB6COX	51	TXB6CD	01	2	TLD	B3		09B			
56845		XA445	40									TXB6COX	52	TXB6COX	00	1	DCF	B6		15A			
56846		XA443	27									J TXB7CD	51	TXB7CD	00	1	TLD	B4		13B		TXA7CB4 BUSS	
58228		XA445	23									J TXB7CDX	01	TXB7CDX	00	1	DCF	B7		10A		DTB7CB BUSS	
56847		XA443	25		XA445	30			16B	9		TXB7COX	51	TXB7CD	01	2	TLD	B4		12B			
56848		XA445	30									TXB7COX	52	TXB7COX	00	1	DCF	B8		11A			
56849		XA433	59		XA432	70			16B	9		TXCA0A	51	TXCA0A	00	1	TD4	E1		31B			
56850		XA432	70									TXCA0A	52	TXCMAS	01	2	TQ2	E1		33A			
56851		XA426	68		XA437	47			16B	9		TXCA1A	51	TXCA10	01	1	TQ2	E1		32A			
56852		XA437	47									TXCA1A	52	TXCA1A	00	1	TS8	D1		25B			
56853		XA429	01		XA430	01			16B	9		TXCA10	51	TXOR0A	01	1	TD4	A2		02B			
56854		XA430	01		XA429	06			16B	9		TXCA10	52	TXIROA	01	1	TT3	A2		02B			
56855		XA429	06		XA430	09			16B	9		TXCA10	53	TXDVOA	01	1	TD4	A1		05A			
56856		XA430	09		XA430	06			16B	9		TXCA10	54	TXE0A	01	1	TT3	A3		04B			
56857		XA430	06		XA430	22			16B	9		TXCA10	55	TXDV5A	01	1	TT3	A1		05A			
56858		XA430	22		XA426	66			16B	9		TXCA10	56	TXHS0A	01	1	TT3	B1		12A			
56859		XA426	66									TXCA10	57	TXCA10	00	1	TQ2	E1		31A			
56860		XA432	68		XA433	57			16B	9		TXCMAR	51	TXCMAS	01	1	TQ2	E1		32A			
									***		SIGNAL	TXCMAR		IS ON THE						****			

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DRAWING NUMBER
UNIT ASSEMBLY NAME

149017-800
CARD CAGE ASSY B,IFCU

STRING

UNIT ASSEMBLY NO.
FILE IDENT

149017
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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 FC	PREFIX	CONNECTOR	PIN	DR FC	MULTI GROUP	CODE	COLOR	IDENT												
56904		XA431	64										TXDB10	53	TXDB10	00	1	TT3	E1		30A			
56905		XA424	55		XA427	39				16B	9		TXDB0TA	51	TXDB0TA	00	1	MUX	D1		27B	INPUT MULTIPLEXER		
56906		XA427	39										TXDB0TA	52	TXS031U	01	1	DBC	C1		18B			
56907		XA427	41		XA424	61				16B	9		TXDB0TB	51	TXS031U	01	2	DBC	C1		19B			
56908		XA424	61										TXDB0TB	52	TXDB0TB	00	1	MUX	D2		31B			
56909		XA424	60		XA427	43				16B	9		TXDB0TC	51	TXDB0TC	00	1	MUX	D3		28A			
56910		XA427	43										TXDB0TC	52	TXS031U	01	3	DBC	C1		22B			
56911		XA427	45		XA424	63				16B	9		TXDB0TD	51	TXS031U	01	4	DBC	C1		23B			
56912		XA424	63										TXDB0TD	52	TXDB0TD	00	1	MUX	D4		31A			
56913		XA421	04		XA424	53				16B	9		TXDB01X	51	TXDB01X	00	1	MUX	A1		02A	INPUT MUX BIT 0		
56914		XA424	53										TXDB01X	52	TXDB0TA	01	2	MUX	D1		26B			
56915		XA424	59		XA421	20				16B	9		TXDB11X	51	TXDB0TB	01	2	MUX	D2		30B			
56916		XA421	20										TXDB11X	52	TXDB11X	00	1	MUX	B1		10A			
56917		XA422	04		XA424	56				16B	9		TXDB21X	51	TXDB21X	00	1	MUX	A1		02A			
56918		XA424	56										TXDB21X	52	TXDB0TC	01	2	MUX	D3		28B			
56919		XA424	64		XA422	20				16B	9		TXDB31X	51	TXDB0TD	01	2	MUX	D4		30A			
56920		XA422	20										TXDB31X	52	TXDB31X	00	1	MUX	B1		10A			
56921		XA427	53		XA421	55				16B	9		TXDB4TA	51	TXS471U	01	1	DBC	D1		26B			
56922		XA421	55										TXDB4TA	52	TXDB4TA	00	1	MUX	D1		27B	INPUT MULTIPLEXER		
56923		XA421	61		XA427	55				16B	9		TXDB4TB	51	TXDB4TB	00	1	MUX	D2		31B			
56924		XA427	55										TXDB4TB	52	TXS471U	01	2	DBC	D1		27B			
56925		XA427	57		XA421	60				16B	9		TXDB4TC	51	TXS471U	01	3	DBC	D1		29B			
56926		XA421	60										TXDB4TC	52	TXDB4TC	00	1	MUX	D3		28A			
56927		XA421	63		XA427	59				16B	9		TXDB4TD	51	TXDB4TD	00	1	MUX	D4		31A			
56928		XA427	59										TXDB4TD	52	TXS471U	01	4	DBC	D1		30B			
56929		XA423	04		XA421	53				16B	9		TXDB41X	51	TXDB41X	00	1	MUX	A1		02A			
56930		XA421	53										TXDB41X	52	TXDB4TA	01	2	MUX	D1		26B			
56931		XA421	59		XA423	20				16B	9		TXDB51X	51	TXDB4TB	01	2	MUX	D2		30B			
56932		XA423	20										TXDB51X	52	TXDB51X	00	1	MUX	B1		10A			
56933		XA424	04		XA421	56				16B	9		TXDB61X	51	TXDB61X	00	1	MUX	A1		02A			
56934		XA421	56										TXDB61X	52	TXDB4TC	01	2	MUX	D3		28B			
56935		XA421	64		XA424	20				16B	9		TXDB71X	51	TXDB4TD	01	2	MUX	D4		30A			
56936		XA424	20										TXDB71X	52	TXDB71X	00	1	MUX	B1		10A	INPUT MUX BIT 7		
												****	SIGNAL	TXDEVA	IS ON THE NEXT PAGE					****				

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149017-800
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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											
56937		XA429	04		XA430	03			168	9		TXDEVA	51	TXOROA	01	2	TD4	A2	04A			
56938		XA430	03		XA430	11			168	9		TXDEVA	52	TXIROA	01	2	TT3	A2	02A			
56939		XA430	11		XA430	24			168	9		TXDEVA	53	TXEBOA	01	2	TT3	A3	05B			
56940		XA430	24		XA426	62			168	9		TXDEVA	54	TXHSOA	01	2	TT3	B1	13A			
56941		XA426	62		XA439	66			168	9		TXDEVA	55	TXDEVO	01	1	TQ2	E2	29A			
56942		XA439	66									TXDEVA	56	TXDEVA	00	1	TQ2	E1	31A	*		
56943		XA426	59		XA429	21			168	9		TXDEVR	51	TXDEVS	01	1	TQ2	E4	31B			
56944		XA429	21		XA540	01			168	9		TXDEVR	52	TXDEVR	00	1	TD4	B2	10B		B10	
51885		XA540	01		XA540	04			168	9		TXDEVR	53	TEB49ER	01	2	EOR	A1	02B		B10	
51882		XA540	04		XA540	10			168	9		TXDEVR	54	TEB39ER	01	2	EOR	A4	02A		D01	
51883		XA540	10		XA540	07			168	9		TXDEVR	55	TEB29ER	01	2	EOR	A3	05A		D01	
51884		XA540	07		XA540	70			168	9		TXDEVR	56	TEB19ER	01	2	EOR	A2	05B		D01	
51906		XA540	70									TXDEVR	57	TEB09ER	01	2	EOR	F4	34A		D01	
56945		XA437	30		XA430	21			168	9		TXDEVS	51	TXDV1A	01	1	TS8	C1	15A			
56946		XA430	21		XA429	14			168	9		TXDEVS	52	TEB5RA	01	1	TT3	B3	10B			
56947		XA429	14		XA426	63			168	9		TXDEVS	53	TXDEVR	01	1	TD4	B2	09A			
56948		XA426	63		XA527	14			168	9		TXDEVS	54	TXDEVS	00	1	TQ2	E4	33B	DEVICE COMMAND STOP	C13	
57015		XA527	14									TXDEVS	55	TEB0DA	01	1	TS8	B1	09A		C13	
56949		XA426	60		XA429	08			168	9		TXDEVO	51	TXDEVO	00	1	TQ2	E2	28A			
56950		XA429	08		XA430	08			168	9		TXDEVO	52	TXDVOA	01	2	TD4	A1	06A			
56951		XA430	08									TXDEVO	53	TXDV5A	01	2	TT3	A1	06A			
53217		XA428	60		XA431	47			168	9		TXDIRA	01	TXDIRA	00	1	TQ2	E2	28A			
57730		XA431	47									TXDIRA	02	TXXDIR	01	2	TT3	D3	25B			
56952		XA406	77		XA507	22			168	9		TXDPEA	51	TS23S0	01	1	TQ2	F1	38B			
56953		XA507	22		XA429	59			168	9		TXDPEA	52	TWRIOR	01	5	TS8	B1	12A		C05	
56955		XA429	59									TXDPEA	54	TXDPEA	00	1	TD4	E1	31B	RECEIVE DATA PARI		
56956		XA446	49		XA445	49			168	9		TXDSBPR	51	TXAPCOX	01	1	DCF	C2	27B			
56957		XA445	49		XA438	25			168	9		TXDSBPR	52	TXBPCOX	01	1	DCF	C2	27B			
56958		XA438	25									TXDSBPR	53	TXDSBPR	00	1	PAR	B1	14A			
56959		XA426	06		XA429	10			168	9		TXDVC0	51	TXDVC0	00	1	TQ2	A1	05A			
56960		XA429	10		XA430	10			168	9		TXDVC0	52	TXDVOA	01	3	TD4	A1	07A			
56961		XA430	10									TXDVC0	53	TXDV5A	01	3	TT3	A1	07A			
56962		XA429	23		XA426	53			168	9		TXDVSR	51	TXDVSR	00	1	TD4	B1	11B			
56963		XA426	53									TXDVSR	52	TXDVSS	01	1	TQ2	E3	28B			
56964		XA437	55		XA426	57			168	9		TXDVSS	51	TXSS0A	01	1	TS8	E1	29B			
56965		XA426	57		XA429	22			168	9		TXDVSS	52	TXDVSS	00	1	TQ2	E3	30B	DEV COMMAND STOP		
56966		XA429	22									TXDVSS	53	TXDVSS	01	1	TD4	B1	12A			
56967		XA429	11		XA426	61			168	9		TXDVOA	51	TXDVOA	00	1	TD4	A1	05B			
56968		XA426	61									TXDVOA	52	TXDEVS	01	2	TQ2	E4	32B			
									****	SIGNAL	TXDVIA	IS ON THE NEXT PAGE										****

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149017-800
CARD CAGE ASSY B,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	SPEC	PREFIX	CONNECTOR	PIN	SPEC	MULTI GROUP	CODE	COLOR	IDENY											
57090		XA441	45		XA427	61			16B	9			TXGN5A	51	TXGN5A	00	1	TQ2	D3		24B		
57091		XA427	61		XA427	47			16B	9			TXGN5A	52	TXS473U	01	1	DBC	D3		31B		
57092		XA427	47		XA424	30			16B	9			TXGN5A	53	TXS033U	01	1	DBC	C3		23A		
57093		XA424	30		XA423	30			16B	9			TXGN5A	54	TXDB72X	01	4	MUX	B2		15A		
57094		XA423	30		XA422	30			16B	9			TXGN5A	55	TXDB52X	01	4	MUX	B2		15A		
57095		XA422	30		XA421	30			16B	9			TXGN5A	56	TXDB32X	01	4	MUX	B2		15A		
57096		XA421	30		XA422	13			16B	9			TXGN5A	57	TXDB12X	01	4	MUX	B2		15A		
57097		XA422	13		XA421	13			16B	9			TXGN5A	58	TXDB22X	01	4	MUX	A2		07A		
57098		XA421	13		XA423	13			16B	9			TXGN5A	59	TXDR02X	01	4	MUX	A2		07A		
57099		XA423	13		XA424	13			16B	9			TXGN5A	60	TXDB42X	01	4	MUX	A2		07A		
57100		XA424	13										TXGN5A	61	TXDB62X	01	4	MUX	A2		07A		
57101		XA424	48		XA423	48			16B	9			TXGN6A	51	UFPRX2X	01	4	MUX	C2		22A		
57102		XA423	48		XA422	48			16B	9			TXGN6A	52	URDYX2X	01	4	MUX	C2		22A	C09	
57103		XA422	48		XA421	48			16B	9			TXGN6A	53	TADSX2X	01	4	MUX	C2		22A	C09	
57104		XA421	48		XA421	68			16B	9			TXGN6A	54	TADSW2X	01	4	MUX	C2		22A	C09	
57105		XA421	68		XA422	68			16B	9			TXGN6A	55	TWO1DTA	01	3	MUX	E1		33A		
57106		XA422	68		XA423	68			16B	9			TXGN6A	56	TWO2DTA	01	3	MUX	E1		33A		
57107		XA423	68		XA424	68			16B	9			TXGN6A	57	TWO5DTA	01	3	MUX	E1		33A		
57108		XA424	68		XA427	64			16B	9			TXGN6A	58	TWO6DTA	01	3	MUX	E1		33A		
57109		XA427	64		XA427	48			16B	9			TXGN6A	59	TXS474U	01	1	DBC	D4		30A		
57110		XA427	48		XA441	51			16B	9			TXGN6A	60	TXS034U	01	1	DBC	C4		22A		
57111		XA441	51										TXGN6A	61	TXGN6A	00	1	TQ2	D4		27B		
57112		XA430	26		XA426	01			16B	9			TXHSTO	51	TXHS0A	01	3	TT3	B1		14A		
57113		XA426	01										TXHSTO	52	TXHSTO	00	1	TQ2	A2		02B		
57114		XA432	47		XA430	20			16B	9			TXHS0A	51	TXST20	01	1	TQ2	D4		25B		
57115		XA430	20										TXHS0A	52	TXHS0A	00	1	TT3	B1		11A		
57116		XA426	80		XA430	75			16B	9			TXINHR	51	TXINHR	00	1	TQ2	F4		39A		
57117		XA430	75		XA431	49			16B	9			TXINHR	52	TXINHS	01	1	TT3	F1		37B		
57118		XA431	49		XA433	24			16B	9			TXINHR	53	TXXDIR	01	3	TT3	D3		26B		
57119		XA433	24		XA433	18			16B	9			TXINHR	54	TXARQA	01	2	TD4	B1		13A		
57120		XA433	18		XA433	08			16B	9			TXINHR	55	TXBRQA	01	2	TD4	B2		10A		
57121		XA433	08		XA433	04			16B	9			TXINHR	56	TXAQEA	01	2	TD4	A1		06A		
57122		XA433	04										TXINHR	57	TXBOEA	01	2	TD4	A2		04A		
57123		XA430	73		XA426	76			16B	9			TXINHS	51	TXINHS	00	1	TT3	F1		36B		
57124		XA426	76										TXINHR	52	TXINHR	01	1	TQ2	F4		37A	OFF LINE STORE F/	
57125		XA426	78		XA430	74			16B	9			TXINOA	51	TXINHR	01	2	TQ2	F4		38A		
57126		XA430	74										TXINOA	52	TXINOA	00	1	TT3	F2		35B		
57127		XA430	05		XA426	22			16B	9			TXIRCO	51	TXIROA	01	3	TT3	A2		03B		
57128		XA426	22		XA413	77			16B	9			TXIRCO	52	TXIRCO	00	1	TQ2	B1		12A		
57129		XA413	77										TXIRCO	53	TREWI J	01	1	TDD	LI		38B		
57130		XA436	17		XA430	07			16B	9			TXIROA	51	TXIROQ	01	1	TDD	OQ		08B		
57131		XA430	07										TXIROA	52	TXIROA	00	1	TT3	A2		03A		

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149017-800
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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	SHT	PREFIX	CONNECTOR	PIN	SHT	DR EG	MULTI GROUP	CODE	COLOR									IDENT	AND		
57132		XA434	48		XA436	19				16B	9		TXIROQ	51	TXIR1I	01	1	TDD	HI		22A			
57133		XA436	19										TXIROQ	52	TXIR0Q	00	1	TDD	DO		09B	ITR SYNC COUNTER		
57134		XA428	06		XA436	14				16B	9		TXIR1A	51	TXIR1A	00	1	TQ2	A1		05A			
57135		XA436	14		XA434	65				16B	9		TXIR1A	52	TXIRON	01	1	TDD	DN		09A			
57136		XA434	65										TXIR1A	53	TXXDSQ	01	1	TDD	MQ		34B			
57137		XA428	08		XA434	43				16B	9		TXIR1Q	51	TXIR1A	01	1	TQ2	A1		06A			
57138		XA434	43										TXIR1Q	52	TXIR1Q	00	1	TDD	HQ		23B	ITR SYNC COUNTER		
57139		XA437	20		XA428	27				16B	9		TXPRSA	51	TXRS00	01	4	TS8	B1		11A			
57140		XA428	27										TXPRSA	52	TXPRSA	00	1	TQ2	B4		13B			
51141		XA446	77		XA348	58				16B	9		TXPRSBG	01									B09	
58554		XA348	58										TXPRSBG	02									B09	
11807		XA249	13		XA348	07				16B	9		TXPRSB4	01									B04	
11808		XA348	07		XA442	23				16B	9		TXPRSB4	02									B06	
57142		XA442	23										TXPRSB4	03					RR4	C3			B04	
12218		XA348	05		XA446	78				16B	9		TXPRSDX4	01									B06	
57141		XA446	78										TXPRSDX4	51	TXPRSDX400	1	DCF	D3			37B	PORT RESET DRT/R	B04	
57143		XA428	23		XA446	75				16B	9		TXPRSOX	51	TXPRSA	01	1	TQ2	B4		11B			
57144		XA446	75										TXPRSOX	52	TXPRSOX	00	1	DCF	D4		36B			
57145		XA429	64		XA426	56				16B	9		TXRAF2T	51	TREW30	01	4	TD4	E2		30A			
57146		XA426	56		XA427	27				16B	9		TXRAF2T	52	THIS10	01	2	TQ2	D1		26A			
57147		XA427	27										TXRAF2T	53	TXRAF2T	00	1	DBC	B3		14A			
57148		XA427	30		XA426	41				16B	9		TXRAF3T	51	TXRAF3T	00	1	DBC	B4		15A			
57149		XA426	41		XA527	20				16B	9		TXRAF3T	52	TRED10	01	1	TQ2	D3		22B			
57150		XA527	20										TXRAF3T	53	TEB0DA	01	4	TS8	B1		11A			
57151		XA426	43		XA426	34				16B	9		TXRAF4T	51	TRED10	01	2	TQ2	D3		23B			
57152		XA426	34		XA427	33				16B	9		TXRAF4T	52	TRED20	01	1	TQ2	C2		16A			
57153		XA427	33										TXRAF4T	53	TXRAF4T	00	1	DBC	B5		16A			
57154		XA427	23		XA426	29				16B	9		TXRAF5T	51	TXRAF5T	00	1	DBC	B6		11B			
57155		XA426	29		XA426	49				16B	9		TXRAF5T	52	TWRT30	01	1	TQ2	C3		14B			
57156		XA426	49		XA428	55				16B	9		TXRAF5T	53	TWRT10	01	2	TQ2	D4		26B			
57157		XA428	55		XA428	61				16B	9		TXRAF5T	54	TEB4S0	01	2	TQ2	E3		29B			
57158		XA428	61		XA527	22				16B	9		TXRAF5T	55	TEB5S0	01	2	TQ2	E4		32B			
57159		XA527	22										TXRAF5T	56	TEB0DA	01	5	TS8	B1		12A			
57160		XA426	35		XA427	25				16B	9		TXRAF6T	51	TWRT20	01	1	TQ2	C4		17B			
57161		XA427	25										TXRAF6T	52	TXRAF6T	00	1	DBC	B7		12B			
												****	SIGNAL	TXRAF7T	IS ON THE NEXT PAGE								****	

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DRAWING NUMBER
UNIT ASSEMBLY NAME

149017-800
CARD CAGE ASSY B,IFCU

STRING

UNIT ASSEMBLY NO.
FILE IDENT

149017
T39C1FC7

REV E
DATE 09-03-82

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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	PLT	PREFIX	CONNECTOR	PIN	PLT	MULTI GROUP	CODE	COLOR	IDENT											
57162		XA427	29		XA426	47				16B	9		TXRAF7T	51	TXRAF7T	00	1	DBC	B8		13B		
57163		XA426	47		XA527	19				16B	9		TXRAF7T	52	TWRT10	01	1	TQ2	D4		25B		
57164		XA527	19										TXRAF7T	53	TEBODA	01	3	TS8	B1		09B		
57165		XA441	34		XA440	30				16B	9		TXRCMR	51	TXRCMS	01	1	TQ2	C2		16A		
57166		XA440	30		XA433	37				16B	9		TXRCMR	52	TXRCMR	00	1	TQ2	C2		15A		
57167		XA433	37		XA431	22				16B	9		TXRCMR	53	TXXA00	01	1	TD4	C1		18B		
57168		XA431	22										TXRCMR	54	TXXBC0	01	1	TT3	B1		12A		
57169		XA430	71		XA433	66				16B	9		TXRCMS	51	TXINOA	01	2	TT3	F2		36A		
57170		XA433	66		XA440	34				16B	9		TXRCMS	52	TXCAOA	01	2	TD4	E1		31A		
57171		XA440	34		XA441	30				16B	9		TXRCMS	53	TXRCMR	01	1	TQ2	C2		16A		
57172		XA441	30										TXRCMS	54	TXRCMS	00	1	TQ2	C2		15A	I/O INPUT REG COM	
57173		XA441	29		XA440	33				16B	9		TXRENR	51	TXRENS	01	1	TQ2	C3		14B		
57174		XA440	33		XA433	38				16B	9		TXRENR	52	TXRENR	00	1	TQ2	C3		16B		
57175		XA433	38		XA431	24				16B	9		TXRENR	53	TXXA00	01	2	TD4	C1		18A		
57176		XA431	24										TXRENR	54	TXXBC0	01	2	TT3	B1		13A		
57177		XA433	52		XA440	29				16B	9		TXRENS	51	TXEAOA	01	2	TD4	D1		24A		
57178		XA440	29		XA441	33				16B	9		TXRENS	52	TXRENR	01	1	TQ2	C3		14B		
57179		XA441	33										TXRENS	53	TXRENS	00	1	TQ2	C3		16B	I/O INPUT REG ENA	
57180		XA441	40		XA440	38				16B	9		TXRPCR	51	TXRPCS	01	1	TQ2	C1		19A		
57181		XA440	38		XA433	40				16B	9		TXRPCR	52	TXRPCR	00	1	TQ2	C1		18A		
57182		XA433	40										TXRPCR	53	TXXA00	01	3	TD4	C1		19A		
57183		XA438	11		XA437	50				16B	9		TXRPCS	51	TXROPPR	02	1	PAR	A1		07B		
57184		XA437	50		XA440	40				16B	9		TXRPCS	52	TXCA1A	01	5	TS8	D1		23A		
57185		XA440	40		XA441	38				16B	9		TXRPCS	53	TXRPCR	01	1	TQ2	C1		19A		
57186		XA441	38										TXRPCS	54	TXRPCS	00	1	TQ2	C1		18A	I/O INPUT REG PAR	
57187		XA441	39		XA440	42				16B	9		TXRRSA	51	TXRRSA	00	1	TQ2	C4		19B	I/O INPUT REG RES	
57188		XA440	42		XA440	36				16B	9		TXRRSA	52	TXRPCR	01	2	TQ2	C1		20A		
57189		XA440	36		XA440	31				16B	9		TXRRSA	53	TXRCMR	01	2	TQ2	C2		17A		
57190		XA440	31		XA440	25				16B	9		TXRRSA	54	TXRENR	01	2	TQ2	C3		15B		
57191		XA440	25		XA440	26				16B	9		TXRRSA	55	TXR7CR	01	2	TQ2	B4		12B		
57192		XA440	26		XA440	20				16B	9		TXRRSA	56	TXR4CR	01	2	TQ2	B1		14A		
57193		XA440	20		XA440	19				16B	9		TXRRSA	57	TXR5CR	01	2	TQ2	B2		11A		
57194		XA440	19		XA440	13				16B	9		TXRRSA	58	TXR6CR	01	2	TQ2	B3		09B		
57195		XA440	13		XA440	07				16B	9		TXRRSA	59	TXR3CR	01	2	TQ2	A4		06B		
57196		XA440	07		XA440	05				16B	9		TXRRSA	60	TXR2CR	01	2	TQ2	A3		03A		
57197		XA440	05		XA440	10				16B	9		TXRRSA	61	TXR1CR	01	2	TQ2	A2		03B		
57198		XA440	10										TXRRSA	62	TXROCR	01	2	TQ2	A1		07A		
57199		XA440	39		XA441	35				16B	9		TXRRSO	51	TXRRSO	00	1	TQ2	C4		19B		
57200		XA441	35										TXRRSO	52	TXRRSA	01	1	TQ2	C4		17B		
57201		XA428	80									J	TXRSAA	51	TXRSAA	00	1	TQ2	F4		39A	TXRS2B BUSS	
										****	SIGNAL		ITXRSOA		IS ON THE	NEXT PAGE	****						

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 DRAWING NUMBER 149017-800 STRING UNIT ASSEMBLY NO. 149017 REV E INDEX TXRS0A
 UNIT ASSEMBLY NAME CARD CAGE ASSY B,IFCU FILE IDENT T39CICF7 DATE 09-03-82 PAGE 308

RECORD NUMBER	FROM				TO				WIRE				SFC INST	SIGNAL	SEQ NO	EQUATION	TERM	FACTOR	CKT OR CHIP TYPE	GROUP	LOAD OR POWER PLANE	TEST POINTS AND OR	SIGNAL DESCRIPTION	ECO NO
	PREFIX	CONNECTOR	PIN	DR	PREFIX	CONNECTOR	PIN	DR	MULTI GROUP	CODE	COLOR	IDENT												
57202		XA432	60										J	TXRSOA	51	TXRSOA	00	1	TQ2	E2		28A	TXRSOB BUSS	
57203		XA542	06		XA542	04				16B	9			TXRSOB	51	TTS3BP	01	1	TDD	AP		05A		
57204		XA542	04		XA541	04				16B	9			TXRSOB	52	TTS4BP	01	1	TDD	BP		04A		
57205		XA541	04		XA541	06				16B	9			TXRSOB	53	TTS2BP	01	1	TDD	BP		04A		
57206		XA541	06		XA539	06				16B	9			TXRSOB	54	TTS1BP	01	1	TDD	AP		05A		
57207		XA539	06		XA439	59				16B	9			TXRSOB	55	TXXRC P	01	1	TDD	AP		05A		
57208		XA439	59		XA436	66				16B	9			TXRSOB	56	TRDCCO	01	1	TQ2	F4		31B		
57209		XA436	66		XA436	65				16B	9			TXRSOB	57	TXXREP	01	1	TDD	JP		31A		
57210		XA436	65		XA435	73				16B	9			TXRSOB	58	TXXACQ	01	1	TDD	MQ		34B		
57211		XA435	73		XA434	73				16B	9			TXRSOB	59	TXXCIP	01	1	TDD	MP		36B		
57212		XA434	73		XA431	78				16B	9			TXRSOB	60	TXXDSP	01	1	TDD	MP		36B		
57213		XA431	78		XA430	79				16B	9			TXRSOB	61	TSTR2R	01	3	TT3	F3		38A		
57214		XA430	79		XA430	65				16B	9			TXRSOB	62	TXINHS	01	3	TT3	F1		39B		
57215		XA430	65		XA432	63				16B	9			TXRSOB	63	TXINOA	01	1	TT3	F2		34B		
57216		XA432	63		XA431	56				16B	9		P	TXRS2A	64	TXRSOB	03	1	TQ2	F4		33B		
57217		XA431	56		XA432	57				16B	9			TXRSOB	65	TEB3R0	01	3	TT3	D1		26A		
57218		XA432	57		XA432	60				16B	9		P	TXRS1A	66	TXRSOB	02	1	TQ2	F3		30B		
57219		XA432	60		XA433	64				16B	9		P	TXRSOA	67	TXRSOB	01	1	TQ2	E2		28A		
57220		XA433	64		XA433	50				16B	9			TXRSOB	68	TXCMAR	01	4	TD4	E2		30A		
57221		XA433	50		XA434	50				16B	9			TXRSOB	69	TXENAR	01	4	TD4	D2		23A		
57222		XA434	50		XA435	52				16B	9			TXRSOB	70	TXIR1P	01	1	TDD	HP		23A		
57223		XA435	52		XA435	38				16B	9			TXRSOB	71	TXEB1P	01	1	TDD	GP		24A		
57224		XA435	38		XA436	38				16B	9			TXRSOB	72	TXXDDP	01	1	TDD	EP		18A		
57225		XA436	38		XA440	37				16B	9			TXRSOB	73	TXEBOP	01	1	TDD	EP		18A		
57226		XA440	37		XA436	20				16B	9			TXRSOB	74	TXRRS0	01	2	TQ2	C4		18B		
57227		XA436	20		XA434	22				16B	9			TXRSOB	75	TXIROP	01	1	TDD	DP		11A		A02
57681		XA434	22		XA430	18				16B	9			TXRSOB	76	TXXDIP	01	1	TDD	CP		12A		A02
57229		XA430	18		XA429	20				16B	9			TXRSOB	77	TXOFRR	01	3	TT3	B2		10A		
57230		XA429	20		XA429	26				16B	9			TXRSOB	78	TXDEVR	01	4	TD4	B2		11A		
57231		XA429	26		XA431	26				16B	9			TXRSOB	79	TXDVSR	01	4	TD4	B1		14A		
57232		XA431	26		XA431	34				16B	9			TXRSOB	80	TXXBCO	01	3	TT3	B1		14A		
57233		XA431	34		XA431	42				16B	9			TXRSOB	81	TEB1R0	01	3	TT3	C2		16A		
57234		XA431	42		XA431	37				16B	9			TXRSOB	82	TEB0R0	01	3	TT3	C1		20A		
57235		XA431	37											TXRSOB	83	TEB2R0	01	3	TT3	C3		18B		
57296		XA428	65		XA428	71				16B	9			TXRS00	51	TXRS9A	01	1	TQ2	F3		34B		
57297		XA428	71		XA428	77				16B	9			TXRS00	52	TXRS8A	01	1	TQ2	F2		36A		
57298		XA428	77		XA428	76				16B	9			TXRS00	53	TXRS7A	01	1	TQ2	F1		38B		
57299		XA428	76		XA432	76				16B	9			TXRS00	54	TXRS6A	01	1	TQ2	F4		37A		
57300		XA432	76		XA432	77				16B	9			TXRS00	55	TXRS5A	01	1	TQ2	F1		38B		
57301		XA432	77		XA432	71				16B	9			TXRS00	56	TXRS3A	01	1	TQ2	F1		38B		
57302		XA432	71		XA432	65				16B	9			TXRS00	57	TXRS4A	01	1	TQ2	F2		36A		
57303		XA432	65		XA432	62				16B	9			TXRS00	58	TXRS5A	01	1	TQ2	F3		34B		
57304		XA432	62		XA432	59				16B	9			TXRS00	59	TXRS0A	01	1	TQ2	E2		29A		
57305		XA432	59		XA432	53				16B	9			TXRS00	60	TXRS2A	01	1	TQ2	F4		31B		
57306		XA432	53		XA437	23				16B	9			TXRS00	61	TXRS1A	01	1	TQ2	E3		28B		
57307		XA437	23											TXRS00	62	TXRS00	00	1	TSB	B1		11B	CONTROLLER MASTER	
57308		XA432	57										J	TXRS1A	51	TXRS1A	00	1	TQ2	F3		30B	TXRSOB BUSS	

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DRAWING NUMBER
UNIT ASSEMBLY NAME

149017-800
CARD CAGE ASSY B,IFCU

STRING

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FILE IDENT

149017
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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	BRFC	PREFIX	CONNECTOR	PIN	BRFC	MULTI GROUP	CODE	COLOR	IDENT												
57309		XA432	80		XA432	75				16B	9		P	TXRS6A	51	TXRS1B	04	1	TQ2	F4		39A		
57310		XA432	75		XA432	69				16B	9		P	TXRS3A	52	TXRS1B	01	1	TQ2	F1		37B		
57311		XA432	69		XA432	72				16B	9		P	TXRS5A	53	TXRS1B	03	1	TQ2	F3		35A		
57312		XA432	72		XA425	15				16B	9		P	TXRS4A	54	TXRS1B	02	1	TQ2	F2		34A		
57236		XA425	15		XA418	10				16B	9			TXRS1B	55	TREW1Q	01	1	TDD	AQ		07B		
57237		XA418	10		XA409	10				16B	9			TXRS1B	56	TCRS00	01	7	TS8	A1		07A		
57238		XA409	10		XA410	13				16B	9			TXRS1B	57	TRWSOR	01	3	TT3	A1		07A		
57239		XA410	13		XA409	05				16B	9			TXRS1B	58	TCRS70	01	4	TD4	A1		06B		
57240		XA409	05		XA409	35				16B	9			TXRS1B	59	TRWS1R	01	3	TT3	A2		03B		
57241		XA409	35		XA410	42				16B	9			TXRS1B	60	TSRS00	01	2	TT3	C3		17B		
57242		XA410	42		XA410	56				16B	9			TXRS1B	61	TBUSYR	01	4	TD4	C1		20A		
57243		XA410	56		XA409	72				16B	9			TXRS1B	62	TSNCOR	01	4	TD4	D1		26A		
57244		XA409	72		XA409	78				16B	9			TXRS1B	63	TSTP2S	01	3	TT3	F2		34A		
57245		XA409	78		XA510	05				16B	9			TXRS1B	64	TEST2R	01	3	TT3	F3		38A		
57246		XA510	05		XA510	10				16B	9			TXRS1B	65	TWR01R	01	3	TT3	A2		03B		
57247		XA510	10		XA509	18				16B	9			TXRS1B	66	TWRQOR	01	3	TT3	A1		07A		
57248		XA509	18		XA509	26				16B	9			TXRS1B	67	TNSG3R	01	3	TT3	B2		10A		
57249		XA509	26		XA507	24				16B	9			TXRS1B	68	TNSG2R	01	3	TT3	B1		14A		
57250		XA507	24		XA507	07				16B	9			TXRS1B	69	TWR1OR	01	6	TS8	B1		13A		
57251		XA507	07		XA502	07				16B	9			TXRS1B	70	TWENOR	01	5	TS8	A1		03A		
57252		XA502	07		XA508	42				16B	9			TXRS1B	71	TRUNAR	01	5	TS8	A1		03A		
57253		XA508	42		XA509	42				16B	9			TXRS1B	72	TNSG1R	01	4	TD4	C1		20A		
57254		XA509	42		XA510	42				16B	9			TXRS1B	73	TLAD3R	01	3	TT3	C1		20A		
57255		XA510	42		XA513	36				16B	9			TXRS1B	74	TSTPOR	01	3	TT3	C1		20A	C13	
57258		XA513	36		XA513	38				16B	9			TXRS1B	77	TMO1BP	01	1	TDD	FP		17A		
57259		XA513	38		XA513	51				16B	9			TXRS1B	78	TMO0BP	01	1	TDD	EP		18A		
57260		XA513	51		XA515	56				16B	9			TXRS1B	79	TKA00Q	01	1	TDD	G0		27B		
57261		XA515	56		XA516	50				16B	9			TXRS1B	80	TWRGOR	01	4	TD4	D1		26A		
57262		XA516	50		XA518	61				16B	9			TXRS1B	81	TLRCS0	01	2	TQ2	D2		23A		
57263		XA518	61		XA518	70				16B	9			TXRS1B	82	TLAD2S	01	3	TT3	E3		32B		
57264		XA518	70		XA518	79				16B	9			TXRS1B	83	TRENOR	01	3	TT3	E1		33A		
57265		XA518	79		XA521	78				16B	9			TXRS1B	84	TWRG2R	01	3	TT3	F1		39B		
57266		XA521	78		XA524	70				16B	9			TXRS1B	85	TREN1R	01	7	TS8	F1		38A		
57267		XA524	70							16B	9			TXRS1B	86	TMS00	01	3	TT3	F1		33A		
57313		XA432	63										J	TXRS2A	51	TXRS2A	00	1	TQ2	F4		33B	TXRS0B BUSS	
57314		XA428	80		XA428	75				16B	9		P	TXRS4A	51	TXRS2B	04	1	TQ2	F4		39A		
57315		XA428	75		XA428	69				16B	9		P	TXRS7A	52	TXRS2B	01	1	TQ2	F1		37B		
57316		XA428	69		XA428	72				16B	9		P	TXRS9A	53	TXRS2B	03	1	TQ2	F3		35A		
57317		XA428	72		XA524	61				16B	9		P	TXRS8A	54	TXRS2B	02	1	TQ2	F2		34A		
57268		XA524	61		XA524	26				16B	9			TXRS2B	55	TLCC1R	01	3	TT3	E3		32B		
57269		XA524	26		XA524	13				16B	9			TXRS2B	56	TLPTBR	01	3	TT3	B1		14A		
57270		XA524	13		XA524	05				16B	9			TXRS2B	57	TLPT4R	01	3	TT3	A3		06B		
57271		XA524	05		XA425	80				16B	9			TXRS2B	58	TCSD0R	01	3	TT3	A2		03B		
57272		XA425	80		XA426	74				16B	9			TXRS2B	59	TWRQCR	01	1	TDD	LQ		39A		
57273		XA426	74		XA425	65				16B	9			TXRS2B	60	TEB4RO	01	2	TQ2	F3		35B		
57274		XA425	65		XA417	80				16B	9			TXRS2B	61	TREQCR	01	1	TDD	MQ		34B		
												****	SIGNAL	TXRS2B	IS ON THE NEXT PAGE				****					

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DRAWING NUMBER
UNIT ASSEMBLY NAME

149017-800
CARD CAGE ASSY B,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 PCWR PLANE	TEST POINTS AND/OR	SIGNAL DESCRIPTION	ECO NO	
	PREFIX	CONNECTOR	PIN	DR FC	PREFIX	CONNECTOR	PIN	DR FC	MULTI GROUP	CODE	COLOR	IDENT											DR FC
57275		XA417	80			XA416	80			16B	9			TXRS2B	62	TCSD00	01 1	TDD	LQ		39A		
57276		XA416	80			XA415	80			16B	9			TXRS2B	63	TREW4Q	01 1	TDD	LQ		39A		
57277		XA415	80			XA414	80			16B	9			TXRS2B	64	TREW3Q	01 1	TDD	LQ		39A		
57278		XA414	80			XA415	73			16B	9			TXRS2B	65	TREW2Q	01 1	TDD	LQ		39A		
57279		XA415	73			XA416	73			16B	9			TXRS2B	66	TLPT2P	01 1	TDD	MP		36B		
57280		XA416	73			XA414	73			16B	9			TXRS2B	67	TLPT3P	01 1	TDD	MP		36B		
57281		XA414	73			XA413	73			16B	9			TXRS2B	68	TLPT1P	01 1	TDD	MP		36B		
57282		XA413	73			XA517	07			16B	9			TXRS2B	69	TLPTOP	01 1	TDD	MP		36B		
57283		XA517	07			XA517	13			16B	9			TXRS2B	70	URRS00	01 2	TQ2	A3		03A		C 13
57284		XA517	13			XA518	18			16B	9			TXRS2B	71	URRS10	01 2	TQ2	A4		06B		C 13
57285		XA518	18			XA518	42			16B	9			TXRS2B	72	TDRS00	01 3	TT3	B2		10A		C 05
57287		XA518	42			XA510	49			16B	9			TXRS2B	74	TLCCOR	01 3	TT3	C1		20A		
57288		XA510	49			XA510	61			16B	9			TXRS2B	75	TWR13R	01 3	TT3	D3		26B		
57289		XA510	61			XA510	62			16B	9			TXRS2B	76	TREQ1R	01 3	TT3	E3		32B		
57290		XA510	62			XA510	70			16B	9			TXRS2B	77	TREQOR	01 3	TT3	E2		29A		
57291		XA510	70			XA509	72			16B	9			TXRS2B	78	TLCC3R	01 3	TT3	F1		33A		
57292		XA509	72			XA508	64			16B	9			TXRS2B	79	TLADOR	01 3	TT3	F2		34A		
57293		XA508	64			XA508	56			16B	9			TXRS2B	80	TKBR50	01 4	TD4	E2		30A		
57294		XA508	56			XA507	75			16B	9			TXRS2B	81	TNSGOR	01 4	TD4	D1		26A		
57295		XA507	75											TXRS2B	82	TREN2R	01 5	TS8	F1		37B		
57318		XA432	75										J	TXRS3A	51	TXRS3A	00 1	TQ2	F1		37B	TXRS1B BUSS	
57319		XA432	72										J	TXRS4A	51	TXRS4A	00 1	TQ2	F2		34A	TXRS1B BUSS	
57320		XA432	69										J	TXRS5A	51	TXRS5A	00 1	TQ2	F3		35A	TXRS1B BUSS	
57321		XA432	80										J	TXRS6A	51	TXRS6A	00 1	TQ2	F4		39A	TXRS1B BUSS	
57322		XA428	75										J	TXRS7A	51	TXRS7A	00 1	TQ2	F1		37B	TXRS2B BUSS	
57323		XA428	72										J	TXRS8A	51	TXRS8A	00 1	TQ2	F2		34A	TXRS2B BUSS	
57324		XA428	69										J	TXRS9A	51	TXRS9A	00 1	TQ2	F3		35A	TXRS2B BUSS	
57325		XA441	08			XA440	06			16B	9			TXROCR	51	TXROCS	01 1	TQ2	A1		06A		
57326		XA440	06			XA437	01			16B	9			TXROCR	52	TXROCR	00 1	TQ2	A1		05A		
57327		XA437	01			XA430	46			16B	9			TXROCR	53	TXACO	01 1	TS8	A1		02B		
57328		XA430	46			XA536	71			16B	9			TXROCR	54	UEBOCA	01 2	TT3	D2		21A		C 13
57329		XA536	71			XA536	77			16B	9			TXROCR	55	TTS29A	01 1	TQ2	F2		36A		
57330		XA536	77											TXROCR	56	TTS19A	01 1	TQ2	F1		38B		
57331		XA536	76			XA536	65			16B	9			TXROCS	51	TTS49A	01 1	TQ2	F4		37A		
57332		XA536	65			XA528	68			16B	9			TXROCS	52	TTS39A	01 1	TQ2	F3		34B		
57333		XA528	68			XA529	40			16B	9			TXROCS	53	TD08BI	01 1	TDD	JI		32A		
57334		XA529	40			XA528	08			16B	9			TXROCS	54	TD16BI	01 1	TDD	EI		19A		
57335		XA528	08			XA530	08			16B	9			TXROCS	55	TD00BI	01 1	TDD	AI		06A		
57336		XA530	08			XA431	46			16B	9			TXROCS	56	TD24BI	01 1	TDD	AI		06A		
57337		XA431	46			XA439	65			16B	9			TXROCS	57	TEBOSA	01 2	TT3	D2		21A		
57338		XA439	65			XA437	52			16B	9			TXROCS	58	TXADOA	01 1	TQ2	F3		34B		
										***		SIGNAL		TXROCS		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	SH FC	PREFIX	CONNECTOR	PIN	SH FC	MULTI GROUP	CODE	COLOR									IDENT	AND			OR			
57339		XA437	52		XA438	03				16B	9		TXROCS	59	TXCA1A	01	6	TS8	D1		24A						
57340		XA438	03		XA440	08				16B	9		TXROCS	60	TXROPPR	01	1	PAR	A1		03B						
57341		XA440	08		XA441	06				16B	9		TXROCS	61	TXROCR	01	1	TQ2	A1		06A						
57342		XA441	06										TXROCS	62	TXROCS	00	1	TQ2	A1		05A	I/O INPUT REG DAT					
57343		XA437	37		XA437	66				16B	9		TXROPA	51	TXDV1A	01	5	TS8	C1		18B						
57344		XA437	66		XA433	70				16B	9		TXROPA	52	TXSS0A	01	6	TS8	E1		31A						
57345		XA433	70		XA433	56				16B	9		TXROPA	53	TXCA0A	01	4	TD4	E1		33A						
57346		XA433	56		XA432	01				16B	9		TXROPA	54	TXEA0A	01	4	TD4	D1		26A						
57347		XA432	01										TXROPA	55	TXROPA	00	1	TQ2	A2		02B						
57348		XA429	68		XA431	23				16B	9		TXROPPR	51	TXDPEA	01	3	TD4	E1		32A						
57349		XA431	23		XA432	04				16B	9		TXROPPR	52	TXODEA	01	2	TT3	B3		11B						
57350		XA432	04		XA438	13				16B	9		TXROPPR	53	TXROPA	01	1	TQ2	A2		04A						
57351		XA438	13										TXROPPR	54	TXROPPR	00	1	PAR	A1		07A	INPUT REG PARITY C					
57352		XA427	08		XA426	08				16B	9		TXR090T	51	TXR090T	00	1	DBC	A1		04A	DEV COMMAND DECODE					
57353		XA426	08		XA426	48				16B	9		TXR090T	52	TXDVCO	01	1	TQ2	A1		06A						
57354		XA426	48										TXR090T	53	TSPA10	01	1	TQ2	D2		22A						
57355		XA418	46		XA426	04				16B	9		TXR091T	51	TSYN1A	01	2	TS8	D1		21A						
57356		XA426	04		XA427	10				16B	9		TXR091T	52	TXHST0	01	1	TQ2	A2		04A						
57357		XA427	10										TXR091T	53	TXR091T	00	1	DBC	A2		05A						
57358		XA429	62		XA426	54				16B	9		TXR092T	51	TREW30	01	3	TD4	E2		29A						
57359		XA426	54		XA427	14				16B	9		TXR092T	52	THIS10	01	1	TQ2	D1		25A						
57360		XA427	14		XA426	03				16B	9		TXR092T	53	TXR092T	00	1	DBC	A3		06A						
57361		XA426	03										TXR092T	54	TXE0B0	01	1	TQ2	A3		02A						
57362		XA418	48		XA426	11				16B	9		TXR093T	51	TSYN1A	01	3	TS8	D1		22A						
57363		XA426	11		XA427	13				16B	9		TXR093T	52	TTAS10	01	1	TQ2	A4		05B						
57364		XA427	13										TXR093T	53	TXR093T	00	1	DBC	A4		07A		C13				
57366		XA427	17		XA426	24				16B	9		TXR094T	51	TXR094T	00	1	DBC	A5		08B						
57367		XA426	24		XA429	55				16B	9		TXR094T	52	TXIRCO	01	1	TQ2	B1		13A						
57368		XA429	55										TXR094T	53	TREW30	01	1	TD4	E2		29B						
57369		XA427	07		XA426	18				16B	9		TXR095T	51	TXR095T	00	1	DBC	A6		04B						
57370		XA426	18		XA429	60				16B	9		TXR095T	52	TREW20	01	1	TQ2	B2		10A						
57371		XA429	60										TXR095T	53	TREW30	01	2	TD4	E2		28A						
57372		XA418	49		XA427	09				16B	9		TXR096T	51	TSYN1A	01	4	TS8	D1		26B		C09				
57373		XA427	09										TXR096T	52	TXR096T	00	1	DBC	A7		05B						
51261		XA437	38		XA427	11				16B	9		TXR097T	50	TXDV1A	01	6	TS8	C1		18A		B10				
57374		XA427	11		XA426	17				16B	9		TXR097T	51	TXR097T	00	1	DBC	A8		06B						
57375		XA426	17		XA418	50				16B	9		TXR097T	52	TXSST0	01	1	TQ2	B3		08B						
57376		XA418	50										TXR097T	53	TSYN1A	01	5	TS8	D1		23A						
57377		XA427	15		XA426	23				16B	9		TXR098T	51	TXR098T	00	1	DBC	A9		07B						
												****	SIGNAL	TXR098T	IS ON THE NEXT PAGE												****

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	PREFIX	CONNECTOR	PIN	IN FC	PREFIX	CONNECTOR	PIN	IN FC	MULTI GROUP	CODE	COLOR												
57378		XA426	23		XA426	50				16B	9		TXR098T	52	TXOFRO	01	1	TQ2	B4		11B		
57379		XA426	50										TXR098T	53	TSPA10	01	2	TQ2	D2		23A		
57380		XA426	40		XA427	18				16B	9		TXR099T	51	TSPA20	01	1	TQ2	C1		19A		
57381		XA427	18										TXR099T	52	TXR099T	00	1	DBC	A0		09A		
57382		XA441	04		XA440	01				16B	9		TXR1CR	51	TXR1CS	01	1	TQ2	A2		04A		
57383		XA440	01		XA437	04				16B	9		TXR1CR	52	TXR1CR	00	1	TQ2	A2		02B		
57384		XA437	04		XA437	54				16B	9		TXR1CR	53	TXXACO	01	2	TS8	A1		04A		
57385		XA437	54		XA430	60				16B	9		TXR1CR	54	TXCA1A	01	7	TS8	D1		25A		
57386		XA430	60		XA536	74				16B	9		TXR1CR	55	UEB1CA	01	2	TT3	E2		28A		C13
57387		XA536	74		XA536	79				16B	9		TXR1CR	56	TTS39A	01	2	TQ2	F3		35B		
57388		XA536	79										TXR1CR	57	TTS19A	01	2	TQ2	F1		39B		
57389		XA536	78		XA536	73				16B	9		TXR1CS	51	TTS49A	01	2	TQ2	F4		38A		
57390		XA536	73		XA528	62				16B	9		TXR1CS	52	TTS29A	01	2	TQ2	F2		36B		
57391		XA528	62		XA529	34				16B	9		TXR1CS	53	TD09B I	01	1	TDD	KI		29A		
57392		XA529	34		XA528	05				16B	9		TXR1CS	54	TD17BI	01	1	TDD	EI		16A		
57393		XA528	05		XA530	05				16B	9		TXR1CS	55	TD01BI	01	1	TDD	BI		03B		
57394		XA530	05		XA431	60				16B	9		TXR1CS	56	TD25BI	01	1	TDD	BI		03B		
57395		XA431	60		XA439	76				16B	9		TXR1CS	57	TEB1SA	01	2	TT3	E2		28A		
57396		XA439	76		XA438	05				16B	9		TXR1CS	58	TXAD1A	01	1	TQ2	F4		37A		
57397		XA438	05		XA440	04				16B	9		TXR1CS	59	TXROP PR	01	2	PAR	A1		04B		
57398		XA440	04		XA441	01				16B	9		TXR1CS	60	TXR1CR	01	1	TQ2	A2		04A		
57399		XA441	01										TXR1CS	61	TXR1CS	00	1	TQ2	A2		02B	I/O INPUT REG DAT	
57400		XA441	03		XA440	09				16B	9		TXR2CR	51	TXR2CS	01	1	TQ2	A3		02A		
57401		XA440	09		XA437	05				16B	9		TXR2CR	52	TXR2CR	00	1	TQ2	A3		04B		
57402		XA437	05		XA437	56				16B	9		TXR2CR	53	TXXACO	01	3	TS8	A1		03B		
57403		XA437	56		XA430	59				16B	9		TXR2CR	54	TXCA1A	01	8	TS8	D1		26A		
57404		XA430	59		XA428	53				16B	9		TXR2CR	55	UEB2CA	01	2	TT3	E3		31B		C13
57405		XA428	53		XA518	11				16B	9		TXR2CR	56	TEB4SO	01	1	TQ2	E3		28B		
57406		XA518	11										TXR2CR	57	UWRT8A	01	2	TT3	A3		05B		C13
57407		XA518	08		XA528	77				16B	9		TXR2CS	51	TWRT6A	01	2	TT3	A1		06A		
57408		XA528	77		XA529	54				16B	9		TXR2CS	52	TD10BT	01	1	TDD	IT		38B		
57409		XA529	54		XA528	24				16B	9		TXR2CS	53	TD18BI	01	1	TDD	GI		25A		
57410		XA528	24		XA530	24				16B	9		TXR2CS	54	TD02BI	01	1	TDD	CI		13A		
57411		XA530	24		XA431	59				16B	9		TXR2CS	55	TD26BI	01	1	TDD	CI		13A		
57412		XA431	59		XA438	07				16B	9		TXR2CS	56	TEB2SA	01	2	TT3	E3		31B		
57413		XA438	07		XA440	03				16B	9		TXR2CS	57	TXROP PR	01	3	PAR	A1		05B		
57414		XA440	03		XA441	09				16B	9		TXR2CS	58	TXR2CR	01	1	TQ2	A3		02A		
57415		XA441	09										TXR2CS	59	TXR2CS	00	1	TQ2	A3		04B	I/O INPUT REG DAT	
57416		XA518	24		XA428	59				16B	9		TXR3CR	51	UWRT9A	01	2	TT3	B1		13A		C13
57417		XA428	59		XA430	76				16B	9		TXR3CR	52	TEB5SO	01	1	TQ2	E4		31B		
57418		XA430	76		XA437	06				16B	9		TXR3CR	53	UEB3CA	01	2	TT3	F3		37A		C13
57419		XA437	06		XA440	15				16B	9		TXR3CR	54	TXXACO	01	4	TS8	A1		05A		
57420		XA440	15		XA441	11				16B	9		TXR3CR	55	TXR3CR	00	1	TQ2	A4		07B		
57421		XA441	11										TXR3CR	56	TXR3CS	01	1	TQ2	A4		05B		

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	PREFIX	CONNECTOR	PIN	SH TO	PREFIX	CONNECTOR	PIN	SH TO	MULTI GROUP	CODE	COLOR	IDENY										AND	OR		
57422		XA438	09		XA440	11			16B	9			TXR3CS	51	TXROP PR	01	4	PAR	A1		04B				
57423		XA440	11		XA441	15			16B	9			TXR3CS	52	TXR3CR	01	1	TQ2	A4		05B				
57424		XA441	15		XA439	68			16B	9			TXR3CS	53	TXR3CS	00	1	TQ2	A4		07B		I/O INPUT REG DAT		
57425		XA439	68		XA431	77			16B	9			TXR3CS	54	TXDEVA	01	1	TQ2	E1		32A				
57426		XA431	77		XA530	18			16B	9			TXR3CS	55	TEB3SA	01	2	TT3	F1		38B				
57427		XA530	18		XA528	18			16B	9			TXR3CS	56	TD27BI	01	1	TDD	DI		10A				
57428		XA528	18		XA529	48			16B	9			TXR3CS	57	TD03BI	01	1	TDD	DI		10A				
57429		XA529	48		XA528	71			16B	9			TXR3CS	58	TD19BI	01	1	TDD	HI		22A				
57430		XA528	71		XA518	03			16B	9			TXR3CS	59	TD11BI	01	1	TDD	MI		36A				
57431		XA518	03						16B	9			TXR3CS	60	TWR7A	01	2	TT3	A2		02A				
57432		XA441	24		XA440	22			16B	9			TXR4CR	51	TXR4CS	01	1	TQ2	B1		13A				
57433		XA440	22		XA437	07			16B	9			TXR4CR	52	TXR4CR	00	1	TQ2	B1		12A				
57434		XA437	07		XA427	21			16B	9			TXR4CR	53	TXACO	01	5	TS8	A1		03A				
57435		XA427	21						16B	9			TXR4CR	54	TXRAF3T	01	1	DBC	B4		10B				
57436		XA529	68		XA530	40			16B	9			TXR4CS	51	TD20BI	01	1	TDD	JI		32A				
57437		XA530	40		XA528	40			16B	9			TXR4CS	52	TD28BI	01	1	TDD	EI		19A				
57438		XA528	40		XA529	08			16B	9			TXR4CS	53	TD04BI	01	1	TDD	EI		19A				
57439		XA529	08		XA541	24			16B	9			TXR4CS	54	TD12BI	01	1	TDD	AI		06A				
57440		XA541	24		XA441	22			16B	9			TXR4CS	55	TD15BI	01	1	TDD	CI		13A				
57441		XA441	22		XA440	24			16B	9			TXR4CS	56	TXR4CS	00	1	TQ2	B1		12A		I/O INPUT REG DAT		
57442		XA440	24		XA438	10			16B	9			TXR4CS	57	TXR4CR	01	1	TQ2	B1		13A				
57443		XA438	10		XA427	05			16B	9			TXR4CS	58	TXROP PR	01	5	PAR	A1		05A				
57444		XA427	05						16B	9			TXR4CS	59	TXR093T	01	1	DBC	A4		03B				
57445		XA441	18		XA440	14			16B	9			TXR5CR	51	TXR5CS	01	1	TQ2	B2		10A				
57446		XA440	14		XA437	08			16B	9			TXR5CR	52	TXR5CR	00	1	TQ2	B2		09A				
57447		XA437	08						16B	9			TXR5CR	53	TXACO	01	6	TS8	A1		06A				
57448		XA529	62		XA530	34			16B	9			TXR5CS	51	TD21BI	01	1	TDD	KI		29A				
57449		XA530	34		XA528	34			16B	9			TXR5CS	52	TD29BI	01	1	TDD	FI		16A				
57450		XA528	34		XA529	05			16B	9			TXR5CS	53	TD05BI	01	1	TDD	FI		16A				
57451		XA529	05		XA427	19			16B	9			TXR5CS	54	TD13BI	01	1	TDD	BI		03B				
57452		XA427	19		XA427	03			16B	9			TXR5CS	55	TXRAF2T	01	1	DBC	B3		09B				
57453		XA427	03		XA438	08			16B	9			TXR5CS	56	TXR092T	01	1	DBC	A3		02B				
57454		XA438	08		XA440	18			16B	9			TXR5CS	57	TXROP PR	01	6	PAR	A1		04A				
57455		XA440	18		XA441	14			16B	9			TXR5CS	58	TXR5CR	01	1	TQ2	B2		10A				
57456		XA441	14						16B	9			TXR5CS	59	TXR5CS	00	1	TQ2	B2		09A		I/O INPUT REG DAT		
57457		XA441	17		XA440	21			16B	9			TXR6CR	51	TXR6CS	01	1	TQ2	B3		08B				
57458		XA440	21		XA437	10			16B	9			TXR6CR	52	TXR6CR	00	1	TQ2	B3		10B				
57459		XA437	10						16B	9			TXR6CR	53	TXACO	01	7	TS8	A1		07A				
57460		XA441	21		XA440	17			16B	9			TXR6CS	51	TXR6CS	00	1	TQ2	B3		10B		I/O INPUT REG DAT		
57461		XA440	17		XA438	06			16B	9			TXR6CS	52	TXR6CR	01	1	TQ2	B3		08B				
57462		XA438	06		XA427	06			16B	9			TXR6CS	53	TXROP PR	01	7	PAR	A1		03A				
57463		XA427	06		XA427	22			16B	9			TXR6CS	54	TXR091T	01	1	DBC	A2		03A				
												***	SIGNAL	(TXR6CS)	IS ON THE NEXT PAGE				****						

H78-14 991

DRAWING NUMBER
UNIT ASSEMBLY NAME

149017-800
CARD CAGE ASSY B,IFCU

STRING

UNIT ASSEMBLY NO.
FILE IDENT

149017
T39C1FC7

REV E
DATE 09-03-82

INDEX TXR6CS
PAGE 314

RECORD NUMBER	FROM				TO				WIRE			SIGNAL	SEQ NO	EQUATION	TERM	FACTOR	CKT OR CHIP TYPE	GROUP	LOAD OR POWER PLANE	TEST POINTS AND/OR	SIGNAL DESCRIPTION	ECO NO	
	PREFIX	CONNECTOR	PIN	DR FC	PREFIX	CONNECTOR	PIN	DR FC	MULTI GROUP	CODE	COLOR												IDENT
57464		XA427	22		XA529	24				16B	9		TXR6CS	55	TXRAF1T	01	1	DBC	B2	11A			
57465		XA529	24		XA530	54				16B	9		TXR6CS	56	TD14BI	01	1	TDD	CT	13A			
57466		XA530	54		XA528	54				16B	9		TXR6CS	57	TD30BI	01	1	TDD	GI	25A			
57467		XA528	54		XA529	77				16B	9		TXR6CS	58	TD06BI	01	1	TDD	GI	25A			
57468		XA529	77										TXR6CS	59	TD22BI	01	1	TDD	LI	38B			
57469		XA441	23		XA440	27				16B	9		TXR7CR	51	TXR7CS	01	1	TQ2	B4	11B			
57470		XA440	27		XA437	13				16B	9		TXR7CR	52	TXR7CR	00	1	TQ2	B4	13B			
57471		XA437	13										TXR7CR	53	TXXACO	01	8	TS8	A1	06B			
57472		XA529	71		XA528	48				16B	9		TXR7CS	51	TD23BI	01	1	TDD	MI	36A			
57473		XA528	48		XA530	48				16B	9		TXR7CS	52	TD07BI	01	1	TDD	HI	22A			
57474		XA530	48		XA529	18				16B	9		TXR7CS	53	TD31BI	01	1	TDD	HI	22A			
57475		XA529	18		XA427	20				16B	9		TXR7CS	54	TD15BI	01	1	TDD	OI	10A			
57476		XA427	20		XA427	04				16B	9		TXR7CS	55	TXRAF0T	01	1	DBC	B1	10A			
57477		XA427	04		XA438	04				16B	9		TXR7CS	56	TXR090T	01	1	DBC	A1	02A			
57478		XA438	04		XA440	23				16B	9		TXR7CS	57	TXROPPR	01	8	PAR	A1	02A			
57479		XA440	23		XA441	27				16B	9		TXR7CS	58	TXR7CR	01	1	TQ2	B4	11B			
57480		XA441	27										TXR7CS	59	TXR7CS	00	1	TQ2	B4	13B	I/O INPUT REG DAT		
57481		XA432	29		XA428	14				16B	9		TXSK0A	51	TXSK00	01	1	TQ2	C3	14B			
57482		XA428	14										TXSK0A	52	TXSK0A	00	1	TQ2	B2	09A			
57483		XA427	51		XA427	37				16B	9		TXSK00	51	TXS472U	01	1	DBC	D2	25B			
57484		XA427	37		XA432	33				16B	9		TXSK00	52	TXS032U	01	1	DBC	C2	17B			
57485		XA432	33										TXSK00	53	TXSK00	00	1	TQ2	C3	16B	STATUS REG CLOCK		
57486		XA437	64		XA426	21				16B	9		TXSST0	51	TXSS0A	01	5	TS8	F1	30A			
57487		XA426	21										TXSST0	52	TXSST0	00	1	TQ2	B3	10B			
57488		XA429	78		XA432	49				16B	9		TXSS0A	51	TXXC10	01	3	TD4	F1	38A			
57489		XA432	49		XA437	59				16B	9		TXSS0A	52	TXST20	01	2	TQ2	D4	26B			
57490		XA437	59										TXSS0A	53	TXSS0A	00	1	TS8	E1	31B			
57491		XA435	77		XA436	78				16B	9		TXST0Q	51	TXST1I	01	1	TDD	LI	38B			
57492		XA436	78										TXST0Q	52	TXST0Q	00	1	TDD	LQ	38A	STOP SYNC COUNTER		
57493		XA436	79		XA439	75				16B	9		TXST1A	51	TXST0N	01	1	TDD	LN	39B			
57494		XA439	75		XA437	14				16B	9		TXST1A	52	TXST1A	00	1	TQ2	F1	37B			
57495		XA437	14										TXST1A	53	TXRS00	01	1	TS8	B1	09A			
57496		XA439	77		XA435	78				16B	9		TXST1Q	51	TXST1A	01	1	TQ2	F1	38B			
57497		XA435	78										TXST1Q	52	TXST1Q	00	1	TDD	LQ	38A	STOP SYNC COUNTER		
57498		XA436	80		XA439	72				16B	9		TXST2A	51	TXST0Q	01	1	TDD	LQ	39A			
57499		XA439	72										TXST2A	52	TXST2A	00	1	TQ2	F2	34A			
57500		XA432	51		XA439	71				16B	9		TXST20	51	TXST20	00	1	TQ2	D4	27B			
57501		XA439	71										TXST20	52	TXST2A	01	1	TQ2	F2	36A			
										****	SIGNAL	(TXSO31U)	IS ON THE NEXT PAGE					****					

H78-14 992

DRAWING NUMBER
UNIT ASSEMBLY NAME

149017-800
CARD CAGE ASSY B,IFCU

STRING

UNIT ASSEMBLY NO.
FILE IDENT

149017
T39C1FC7

REV E
DATE 09-03-82

INDEX TXS031U
PAGE 315

RECORD NUMBER	FROM			BIFC	TO			WIRE				SFC INST MISC	SIGNAL	SEQ NO	EQUATION	TERM	FACTOR	CKT OR CHIP TYPE	GROUP	LOAD OR POWER PLANE	TEST POINTS AND OR	SIGNAL DESCRIPTION	ECO NO
	PREFIX	CONNECTOR	PIN		PREFIX	CONNECTOR	PIN	BIFC	MULTI GROUP	CODE	COLOR												
57502		XA446	11			XA445	11			16B	9		TXS031U	51	TXA0COX	01	1	DCF	A2		04B		
57503		XA445	11			XA438	17			16B	9		TXS031U	52	TXB0COX	01	1	DCF	A2		04B		
57504		XA438	17			XA427	38			16B	9		TXS031U	53	TXDSBPR	01	1	PAR	B1		09B		
57505		XA427	38										TXS031U	54	TXS031U	00	1	DBC	C1		18A	IOU INPUT DATA REG	
57506		XA427	40			XA438	19			16B	9		TXS032U	51	TXS032U	00	1	DBC	C2		19A		
57507		XA438	19			XA445	13			16B	9		TXS032U	52	TXDSBPR	01	2	PAR	B1		10B		
57508		XA445	13			XA446	13			16B	9		TXS032U	53	TXB1COX	01	1	DCF	A4		05B		
57509		XA446	13										TXS032U	54	TXA1COX	01	1	DCF	A4		05B		
57510		XA446	08			XA445	08			16B	9		TXS033U	51	TXA2COX	01	1	DCF	A6		06A		
57511		XA445	08			XA438	21			16B	9		TXS033U	52	TXB2COX	01	1	DCF	A6		06A		
57512		XA438	21			XA427	42			16B	9		TXS033U	53	TXDSBPR	01	3	PAR	B1		11B		
57513		XA427	42										TXS033U	54	TXS033U	00	1	DBC	C3		20A		
57514		XA446	04			XA445	04			16B	9		TXS034U	51	TXA3COX	01	1	DCF	A8		04A		
57515		XA445	04			XA438	23			16B	9		TXS034U	52	TXB3COX	01	1	DCF	A8		04A		
57516		XA438	23			XA427	46			16B	9		TXS034U	53	TXDSBPR	01	4	PAR	B1		12B		
57517		XA427	46										TXS034U	54	TXS034U	00	1	DBC	C4		21A		
57518		XA446	31			XA445	31			16B	9		TXS471U	51	TXA4COX	01	1	DCF	B2		12B		
57519		XA445	31			XA438	24			16B	9		TXS471U	52	TXB4COX	01	1	DCF	B2		12B		
57520		XA438	24			XA427	54			16B	9		TXS471U	53	TXDSBPR	01	5	PAR	B1		12A		
57521		XA427	54										TXS471U	54	TXS471U	00	1	DBC	D1		26A	IOU INPUT DATA REG	
57522		XA446	33			XA445	33			16B	9		TXS472U	51	TXA5COX	01	1	DCF	B4		13B		
57523		XA445	33			XA438	22			16B	9		TXS472U	52	TXB5COX	01	1	DCF	B4		13B		
57524		XA438	22			XA427	56			16B	9		TXS472U	53	TXDSBPR	01	6	PAR	B1		11A		
57525		XA427	56										TXS472U	54	TXS472U	00	1	DBC	D2		28B		
57526		XA446	38			XA445	38			16B	9		TXS473U	51	TXA6COX	01	1	DCF	B6		14A		
57527		XA445	38			XA438	20			16B	9		TXS473U	52	TXB6COX	01	1	DCF	B6		14A		
57528		XA438	20			XA427	60			16B	9		TXS473U	53	TXDSBPR	01	7	PAR	B1		10A		
57529		XA427	60										TXS473U	54	TXS473U	00	1	DBC	D3		28A		
57530		XA446	34			XA445	34			16B	9		TXS474U	51	TXA7COX	01	1	DCF	B8		12A		
57531		XA445	34			XA438	18			16B	9		TXS474U	52	TXB7COX	01	1	DCF	B8		12A		
57532		XA438	18			XA427	62			16B	9		TXS474U	53	TXDSBPR	01	8	PAR	B1		09A		
57533		XA427	62										TXS474U	54	TXS474U	00	1	DBC	D4		29A		
57534		XA432	15			XA433	42			16B	9		TXXACA	51	TXXACA	00	1	TQ2	A4		07B		
57535		XA433	42										TXXACA	52	TXXADO	01	4	TD4	C1		20A		
57536		XA434	06			XA434	04			16B	9		TXXACP	51	TXXA0P	01	1	TDD	AP		05A		
57537		XA434	04			XA435	04			16B	9		TXXACP	52	TXXA2P	01	1	TDD	BP		04A		
57538		XA435	04			XA435	06			16B	9		TXXACP	53	TXXA3P	01	1	TDD	BP		04A		
57539		XA435	06			XA436	69			16B	9		TXXACP	54	TXXA1P	01	1	TDD	AP		05A		
57540		XA436	69										TXXACP	55	TXXACP	00	1	TDD	MP		35A		
57541		XA432	11			XA437	11			16B	9		TXXACO	51	TXXACA	01	1	TQ2	A4		05B		
											****	SIGNAL	TXXACO	IS ON THE NEXT PAGE				****					

H78-14 993

DRAWING NUMBER
UNIT ASSEMBLY NAME

149017-800
CARD CAGE ASSY B,IFCU

STRING

UNIT ASSEMBLY NO.
FILE IDENT

149017
T39C1FC7

REV E
DATE 09-03-82

INDEX TXXACO
PAGE 316

RECORD NUMBER	FROM				TO				WIRE				SIGNAL	SEQ NO	EQUATION	TERM	FACTOR	CKT OR CHIP TYPE	GROUP	LOAD OR POWER PLANE	TEST POINTS AND OR	SIGNAL DESCRIPTION	ECO NO	
	PREFIX	CONNECTOR	PIN	IN FE	PREFIX	CONNECTOR	PIN	IN FE	MULTI GROUP	CODE	COLOR	IDENT												SPEC INST MISC
57542		XA437	11										TXXACO	52	TXXACO	00	1	TS8	A1		05B			
57543		XA436	73		XA432	22			16B	9			TXXADA	51	TXXACP	01	1	TDD	MP		36B			
57544		XA432	22										TXXADA	52	TXXADA	00	1	TQ2	B1		12A	I/O STATE COUNTER		
57545		XA433	35		XA432	24			16B	9			TXXADO	51	TXXADO	00	1	TD4	C1		17B			
57546		XA432	24										TXXADO	52	TXXADA	01	1	TQ2	B1		13A			
57547		XA437	61		XA437	48			16B	9			TXXAOP	51	TXSS0A	01	3	TS8	E1		32B			
57548		XA437	48		XA437	34			16B	9			TXXAOP	52	TXCA1A	01	3	TS8	D1		22A			
57549		XA437	34		XA433	34			16B	9			TXXAOP	53	TXDV1A	01	3	TS8	C1		16A			
57550		XA433	34		XA434	11			16B	9			TXXAOP	54	TXX05A	01	3	TD4	C2		16A			
57551		XA434	11		XA439	04			16B	9			TXXAOP	55	TXXAOP	00	1	TDD	AP		05B			
57552		XA439	04										TXXAOP	56	TXXA5A	01	1	TQ2	A2		04A			
51817		XA527	25		XA434	13			16B	9			TXXA0Q	01	TEB0DA	01	7	TS8	B1		12B		C13	
57553		XA434	13		XA435	08			16B	9			TXXA0Q	51	TXXA0Q	00	1	TDD	AQ		06B	I/O STATE COUNTER		
57554		XA435	08		XA439	08			16B	9			TXXA0Q	52	TXXA1I	01	1	TDD	AT		06A			
57555		XA439	08										TXXA0Q	53	TXXA4A	01	1	TQ2	A1		06A			
57556		XA439	03		XA435	11			16B	9			TXXA1P	51	TXXA6A	01	1	TQ2	A3		02A			
57557		XA435	11										TXXA1P	52	TXXA1P	00	1	TDD	AP		05B			
57558		XA437	62		XA437	49			16B	9			TXXA1Q	51	TXSS0A	01	4	TS8	F1		29A			
57559		XA437	49		XA437	36			16B	9			TXXA1Q	52	TXCA1A	01	4	TS8	D1		26B			
57560		XA437	36		XA433	36			16B	9			TXXA1Q	53	TXDV1A	01	4	TS8	C1		17A			
57561		XA433	36		XA435	13			16B	9			TXXA1Q	54	TXX05A	01	4	TD4	C2		17A			
57562		XA435	13		XA434	05			16B	9			TXXA1Q	55	TXXA1Q	00	1	TDD	AQ		06B	I/O STATE COUNTER		
57563		XA434	05		XA439	05			16B	9			TXXA1Q	56	TXXA2I	01	1	TDD	BI		03B			
57564		XA439	05										TXXA1Q	57	TXXA5A	01	2	TQ2	A2		03B			
57565		XA439	07		XA435	05			16B	9			TXXA2Q	51	TXXA6A	01	2	TQ2	A3		03A			
57566		XA435	05		XA434	07			16B	9			TXXA2Q	52	TXXA3I	01	1	TDD	BI		03B			
57567		XA434	07										TXXA2Q	53	TXXA2Q	00	1	TDD	BQ		03A	I/O STATE COUNTER	B04	
57569		XA434	08		XA435	09			16B	9			TXXA3P	51	TXXA0I	01	1	TDD	AT		06A			
57570		XA435	09		XA436	72			16B	9			TXXA3P	52	TXXA3P	00	1	TDD	BP		04B			
57571		XA436	72										TXXA3P	53	TXXACN	00	1	TDD	MN		36A			
51789		XA527	26		XA439	10			16B	9			TXXA3Q	01	TEB0DA	01	8	TS8	B1		14A		C13	
57572		XA439	10		XA435	07			16B	9			TXXA3Q	51	TXXA4A	01	2	TQ2	A1		07A			
57573		XA435	07		XA406	59			16B	9			TXXA3Q	52	TXXA3Q	00	1	TDD	BQ		03A	I/O STATE COUNTER	B04	
57568		XA406	59										TXXA3Q	54	TXXBK0	01	1	TQ2	E4		31B		B04	
57574		XA440	54		XA439	06			16B	9			TXXA4A	51	TXXA40	01	1	TQ2	D1		25A			
57575		XA439	06										TXXA4A	52	TXXA4A	00	1	TQ2	A1		05A	I/O STATE COUNTER		
57577		XA439	36		XA440	52			16B	9			TXXA40	52	TXX04A	01	2	TQ2	C2		17A			
57578		XA440	52										TXXA40	53	TXXA40	00	1	TQ2	D1		24A			
									****	SIGNAL			TXXA5A											IS ON THE NEXT PAGE ****

DRAWING NUMBER 149017-800 STRING UNIT ASSEMBLY NO. 149017 REV E INDEX TXXA5A
 UNIT ASSEMBLY NAME CARD CAGE ASSY B,IFCU FILE IDENT T39C1FC7 DATE 09-03-82 PAGE 317

RECORD NUMBER	FROM				TO				WIRE				SIGNAL	SEQ NO	EQUATION	TERM	FACTOR	CKT OR CHIP TYPE	GROUP	LOAD OR POWER PLANE	TEST POINTS AND/OR	SIGNAL DESCRIPTION	ECO NO	
	PREFIX	CONNECTOR	PIN	POS	PREFIX	CONNECTOR	PIN	POS	MULTI GROUP	CODE	COLOR	IDENT												SPEC INST MISC
57579		XA440	48			XA439	01			16B	9			TXXA5A	51	TXXA50	01	1	TQ2	D2	22A			
57580		XA439	01											TXXA5A	52	TXXA5A	00	1	TQ2	A2	02B	I/O STATE COUNTER		
57581		XA440	46			XA431	25			16B	9			TXXA50	51	TXXA50	00	1	TQ2	D2	21A			
57582		XA431	25			XA430	34			16B	9			TXXA50	52	TXODEA	01	3	TT3	B3	12B			
57583		XA430	34			XA429	36			16B	9			TXXA50	53	TXOD1A	01	3	TT3	C2	16A			
57584		XA429	36			XA430	37			16B	9			TXXA50	54	TXED1A	01	4	TD4	C2	17A			
57585		XA430	37			XA429	42			16B	9			TXXA50	55	TXOD2A	01	3	TT3	C2	18B			
57586		XA429	42			XA430	42			16B	9			TXXA50	56	TXED0A	01	4	TD4	C1	20A			
57587		XA430	42			XA429	50			16B	9			TXXA50	57	TXOD0A	01	3	TT3	C1	20A			
57588		XA429	50			XA429	56			16B	9			TXXA50	58	TXED3A	01	4	TD4	D2	23A			
57589		XA429	56			XA430	56			16B	9			TXXA50	59	TXED2A	01	4	TD4	D1	26A			
57590		XA430	56			XA429	70			16B	9			TXXA50	60	TXOD3A	01	3	TT3	D1	26A			
57591		XA429	70											TXXA50	61	TXDPEA	01	4	TD4	E1	33A			
57592		XA439	09			XA440	35			16B	9			TXXA6A	51	TXXA6A	00	1	TQ2	A3	04B	I/O STATE COUNTER		
57593		XA440	35											TXXA6A	52	TXRRS0	01	1	TQ2	C4	17B			
57594		XA434	52			XA435	36			16B	9			TXXBCA	51	TXXB2P	01	1	TDD	GP	24A			
57595		XA435	36			XA436	22			16B	9			TXXBCA	52	TXXB1P	01	1	TDD	FP	17A			
57596		XA436	22			XA432	09			16B	9			TXXBCA	53	TXXB0P	01	1	TDD	CP	12A			
57597		XA432	09											TXXBCA	54	TXXBCA	00	1	TQ2	A3	04B	I/O BYTE COUNTER		
57598		XA431	20			XA432	03			16B	9			TXXBC0	51	TXXBC0	00	1	TT3	B1	11A			
57599		XA432	03											TXXBC0	52	TXXBCA	01	1	TQ2	A3	02A			
57600		XA436	26			XA435	30			16B	9			TXXBK0	51	TXXB0N	01	1	TDD	CN	14A			
57601		XA435	30			XA434	56			16B	9			TXXBK0	52	TXXB1N	01	1	TDD	FN	15A			
57602		XA434	56			XA406	63			16B	9			TXXBK0	53	TXXB2N	01	1	TDD	GN	26A			
57603		XA406	63											TXXBK0	54	TXXBK0	00	1	TQ2	E4	33B	I/O BYTE COUNTER		
57604		XA440	41			XA439	15			16B	9			TXXB0A	51	TXXB00	01	1	TQ2	D3	22B			
57605		XA439	15			XA430	17			16B	9			TXXB0A	52	TXXB0A	00	1	TQ2	A4	07B	I/O BYTE COUNTER		
57606		XA430	17			XA429	18			16B	9			TXXB0A	53	TXOFRR	01	2	TT3	B2	08B			
57607		XA429	18			XA429	24			16B	9			TXXB0A	54	TXDEVF	01	2	TD4	B2	10A			
57608		XA429	24											TXXB0A	55	TXDVSR	01	2	TD4	B1	13A			
57609		XA439	11			XA439	23			16B	9			TXXB0P	51	TXXB0A	01	1	TQ2	A4	05B			
57610		XA439	23			XA436	23			16B	9			TXXB0P	52	TXXB4A	01	1	TQ2	B4	11B	I/O BYTE COUNTER		
57611		XA436	23			XA433	30			16B	9			TXXB0P	53	TXXB0P	00	1	TDD	CP	11B			
57612		XA433	30											TXXB0P	54	TXX05A	01	1	TD4	C2	15A			
57613		XA435	34			XA436	25			16B	9			TXXB0Q	51	TXXB1I	01	1	TDD	FI	16A			
57614		XA436	25			XA439	24			16B	9			TXXB0Q	52	TXXB0Q	00	1	TDD	CO	12B	I/O BYTE COUNTER		
57615		XA439	24			XA439	17			16B	9			TXXB0Q	53	TXXB1A	01	1	TQ2	B1	13A			
57616		XA439	17											TXXB0Q	54	TXXB3A	01	1	TQ2	B3	08B			
57617		XA440	45			XA439	34			16B	9			TXXB00	51	TXXB00	00	1	TQ2	D3	24B			
57618		XA439	34											TXXB00	52	TXX04A	01	1	TQ2	C2	16A			
													****	SIGNAL	TXXB1A	IS ON THE NEXT PAGE				****				

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149017-800
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	PREFIX	CONNECTOR	PIN	PREFIX	CONNECTOR	PIN	MULTI GROUP	CODE	COLOR	IDENT										AND	OR		
57619		XA439	22		XA440	47		16B	9			TXXB1A	51	TXXB1A	00	1	TQ2	B1		12A	I/O BYTE COUNTER		
57620		XA440	47									TXXB1A	52	TXXB10	01	1	TQ2	D4		29B			
57621		XA439	26		XA439	40		16B	9			TXXB1P	51	TXXB1A	01	2	TQ2	B1		14A			
57622		XA439	40		XA435	33		16B	9			TXXB1P	52	TXXB5A	01	1	TQ2	C1		19A			
57623		XA435	33		XA430	23		16B	9			TXXB1P	53	TXXB1P	00	1	TDD	FP		16B		C13	
57643		XA430	23									TXXB1P	54	TEB5RA	01	2	TT3	B3		11B		C13	
57624		XA434	54		XA435	31		16B	9			TXXB1Q	51	TXXB2I	01	1	TDD	GI		25A			
57625		XA435	31		XA439	25		16B	9			TXXB1Q	52	TXXB1Q	00	1	TDD	FQ		15B	I/O BYTE COUNTER		
57626		XA439	25		XA439	18		16B	9			TXXB1Q	53	TXXB4A	01	2	TQ2	B4		12B			
57627		XA439	18									TXXB1Q	54	TXXB2A	01	1	TQ2	B2		10A			
57628		XA432	20		XA429	40		16B	9			TXXB10	51	TXODRA	01	2	TQ2	B2		11A			
57629		XA429	40		XA437	46		16B	9			TXXB10	52	TXEDOA	01	3	TD4	C1		19A			
57630		XA437	46		XA440	51		16B	9			TXXB10	53	TXCA1A	01	2	TS8	D1		21A			
57631		XA440	51									TXXB10	54	TXXB10	00	1	TQ2	D4		27B			
57632		XA433	60		XA440	68		16B	9			TXXB2A	51	TXCMAR	01	2	TD4	E2		28A			
57633		XA440	68		XA439	14		16B	9			TXXB2A	52	TXXB20	01	1	TQ2	F1		32A			
57634		XA439	14									TXXB2A	53	TXXB2A	00	1	TQ2	B2		09A	I/O BYTE COUNTER		
57635		XA434	47		XA433	31		16B	9			TXXB2P	51	TXXB2P	00	1	TDD	GP		25B			
57636		XA433	31		XA436	24		16B	9			TXXB2P	52	TXX05A	01	2	TD4	C2		15B			
57637		XA436	24		XA439	20		16B	9			TXXB2P	53	TXXB0Y	01	1	TDD	C1		13A			
57638		XA439	20		XA439	13		16B	9			TXXB2P	54	TXXB2A	01	2	TQ2	B2		11A			
57639		XA439	13									TXXB2P	55	TXXB0A	01	2	TQ2	A4		06B			
57640		XA439	19		XA439	42		16B	9			TXXB2Q	51	TXXB3A	01	2	TQ2	B3		09B			
57641		XA439	42		XA434	49		16B	9			TXXB2Q	52	TXXB5A	01	2	TQ2	C1		20A			
57642		XA434	49									TXXB2Q	53	TXXB2Q	00	1	TDD	GQ		26B	I/O BYTE COUNTER		
57365		XA527	18		XA429	34		16B	9			TXXB20	01	TEB0DA	01	2	TS8	B1		10A			C13
57644		XA429	34		XA430	40		16B	9			TXXB20	52	TXED1A	01	3	TD4	C2		16A			
57645		XA430	40		XA437	31		16B	9			TXXB20	53	TXOD0A	01	2	TT3	C1		19A			
57646		XA437	31		XA437	60		16B	9			TXXB20	54	TXDV7A	01	2	TS8	C1		15B			
57647		XA437	60		XA440	66		16B	9			TXXB20	55	TXSS0A	01	2	TS8	E1		28A			
57648		XA440	66									TXXB20	56	TXXB20	00	1	TQ2	F1		31A			
57649		XA429	25		XA429	19		16B	9			TXXB3A	51	TXDVSR	01	3	TD4	B1		12B			
57650		XA429	19		XA439	21		16B	9			TXXB3A	52	TXDEVF	01	3	TD4	B2		09B			
57651		XA439	21		XA440	62		16B	9			TXXB3A	53	TXXB3A	00	1	TQ2	B3		10B	I/O BYTE COUNTER		
57652		XA440	62									TXXB3A	54	TXXB30	01	1	TQ2	E2		29A			
57653		XA430	30		XA429	54		16B	9			TXXB30	51	TXOD1A	01	2	TT3	C2		15A			
57654		XA429	54		XA440	60		16B	9			TXXB30	52	TXED2A	01	3	TD4	D1		25A			
57655		XA440	60									TXXB30	53	TXXB30	00	1	TQ2	E2		28A			
57656		XA439	27		XA440	53		16B	9			TXXB4A	51	TXXB4A	00	1	TQ2	B4		13B	I/O BYTE COUNTER		
57657		XA440	53									TXXB4A	52	TXXB40	01	1	TQ2	F3		26B			

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	PREFIX	CONNECTOR	PIN	WIRE NO	PREFIX	CONNECTOR	PIN	WIRE NO	MULTI GROUP	CODE	COLOR	IDENT											SPEC INSET MISC		
57658		XA430	35			XA429	48			168	9			TXXB40	51	TXOD2A	01 2	TT3	C3		17B				
57659		XA429	48			XA440	57			168	9			TXXB40	52	TXED3A	01 3	TD4	D2		22A				
57660		XA440	57											TXXB40	53	TXXB40	00 1	TQ2	E3		30B				
57661		XA433	46			XA439	38			168	9			TXXB5A	51	TXENAR	01 2	TD4	D2		21A				
57662		XA439	38			XA440	59			168	9			TXXB5A	52	TXXB5A	00 1	TQ2	C1		18A		I/O BYTE COUNTER		
57663		XA440	59											TXXB5A	53	TXXB50	01 1	TQ2	E4		31B				
57664		XA430	54			XA440	63			168	9			TXXB50	51	TXOD3A	01 2	TT3	D1		25A				
57665		XA440	63											TXXB50	52	TXXB50	00 1	TQ2	E4		32B				
57666		XA428	51			XA435	65			168	9			TXXCIA	51	TXXCIA	00 1	TQ2	D4		27B				
57667		XA435	65											TXXCIA	52	TXXCIQ	01 1	TDD	MO		34B				
57668		XA429	71			XA431	66			168	9			TXXCIP	51	TXXCRO	01 1	TD4	F2		36A				
57669		XA431	66			XA435	69			168	9			TXXCIP	52	TXDBIO	01 1	TT3	E1		31A				
57670		XA435	69											TXXCIP	53	TXXCIP	00 1	TDD	MP		35A				
57671		XA438	27			XA435	74			168	9			TXXCIQ	51	TXDSBPR	02 1	PAR	B1		13B				
57672		XA435	74			XA424	52			168	9			TXXCIQ	52	TXXCIQ	00 1	TDD	MO		35B		DEV/DER INDICATOR		
57673		XA424	52			XA421	52			168	9			TXXCIQ	53	TXDBOTA	01 3	MUX	D1		25A				
57674		XA421	52											TXXCIQ	54	TXDB4TA	01 3	MUX	D1		25A				
57675		XA429	76			XA428	47			168	9			TXXCIO	51	TXXCIO	00 1	TD4	F1		37A		INDICATOR INPUTS		
57676		XA428	47											TXXCIO	52	TXXCIA	01 1	TQ2	D4		25B				
57677		XA436	04			XA435	22			168	9			TXXCRO	51	TXXDIP	01 1	TDD	BP		04A				
57678		XA435	22			XA435	20			168	9			TXXCRO	52	TXXCIP	01 1	TDD	CP		12A				
57679		XA435	20			XA434	20			168	9			TXXCRO	53	TXXC3P	01 1	TDD	DP		11A				
57680		XA434	20			XA434	36			168	9			TXXCRO	54	TXXC2P	01 1	TDD	DP		11A				
57681		XA434	36			XA434	38			168	9			TXXCRO	55	TXXCOP	01 1	TDD	FP		17A		A02		
57682		XA434	38			XA429	69			168	9			TXXCRO	56	TXXDOP	01 1	TDD	EP		18A		A02		
57683		XA429	69			XA539	20			168	9			TXXCRO	57	TXXCRO	00 1	TD4	F2		35A				
57684		XA539	20											TXXCRO	58	TXXC4P	01 1	TDD	DP		11A				
57685		XA428	21			XA432	48			168	9			TXXCSA	51	TXXCSA	00 1	TQ2	B3		10B		INPUT STROBE COUN		
57686		XA432	48											TXXCSA	52	TXXCSO	01 1	TQ2	D2		22A				
57687		XA433	07			XA433	13			168	9			TXXCSO	51	TXB0EA	01 4	TD4	A2		03A				
57688		XA433	13			XA432	46			168	9			TXXCSO	52	TXA0EA	01 4	TD4	A1		06B				
57689		XA432	46			XA428	64			168	9			TXXCSO	53	TXXCSO	00 1	TQ2	D2		21A				
51479		XA428	64			XA506	43			168	9			TXXCSO	53	TXDIRA	01 2	TQ2	F2		30A				
57690		XA506	43			XA506	50			168	9			TXXCSO	54	TREQDA	01 2	TQ2	D3		23B				
57691		XA506	50											TXXCSO	55	TREQCA	01 2	TQ2	D2		23A				
53221		XA434	31			XA435	24			168	9			TXXCOQ	51	TXXCOQ	00 1	TDD	FQ		15B		A02		
57693		XA435	24											TXXCOQ	52	TXXCII	01 1	TDD	CI		13A				
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	PREFIX	CONNECTOR	PIH	POS	PREFIX	CONNECTOR	PIH	POS	MULTI GROUP	CODE	COLOR	IDENT											
57694		XA435	25			XA434	18			16B	9		TXXC1Q	51	TXXC1Q	00	1	TDD	CQ		12B	INPUT STROBE COUN	
57695		XA434	18										TXXC1Q	52	TXXC2T	01	1	TDD	DT		10A		
57696		XA435	18			XA434	19			16B	9		TXXC2Q	51	TXXC3T	01	1	TDD	DT		10A		
57697		XA434	19			XA428	18			16B	9		TXXC2Q	52	TXXC2Q	00	1	TDD	DQ		09B	INPUT STROBE COUN	
57698		XA428	18			XA428	17			16B	9		TXXC2Q	53	TXXSKQA	01	1	TQ2	R2		10A		
57699		XA428	17										TXXC2Q	54	TXXCSA	01	1	TQ2	B3		08B		
57700		XA436	01			XA435	21			16B	9		TXXC3P	51	TXXDIN	01	1	TDD	BN		02B		
57701		XA435	21			XA434	42			16B	9		TXXC3P	52	TXXC3P	00	1	TDD	DP		10B		
57702		XA434	42			XA428	20			16B	9		TXXC3P	53	TXXDON	01	1	TDD	EN		20A		
57703		XA428	20										TXXC3P	54	TXXSKQA	01	2	TQ2	R2		11A		
57704		XA539	18			XA435	19			16B	9		TXXC3Q	51	TXXC4T	01	1	TDD	DT		10A		
57705		XA435	19										TXXC3Q	52	TXXC3Q	00	1	TDD	DQ		09B	INPUT STROBE COUN	
51343		XA434	34			XA435	72			16B	9		TXXC4P	52	TXXC0I	01	1	TDD	FI		16A		A02
57708		XA435	72			XA539	21			16B	9		TXXC4P	53	TXXCIN	01	1	TDD	MN		34A		
57709		XA539	21										TXXC4P	54	TXXC4P	00	1	TDD	DP		10B		
57710		XA428	19			XA539	19			16B	9		TXXC4Q	51	TXXCSA	01	2	TQ2	B3		09B		
57711		XA539	19										TXXC4Q	52	TXXC4Q	00	1	TDD	DQ		09B	INPUT STROBE COUN	
57712		XA432	30			XA435	39			16B	9		TXXDA	51	TXXDDA	00	1	TQ2	C2		15A		
57713		XA435	39										TXXDA	52	TXXDDQ	01	1	TDD	EQ		19B		
57714		XA524	24			XA524	11			16B	9		TXXDDP	51	TLPTBR	01	2	TT3	B1		13A		
57715		XA524	11			XA429	72			16B	9		TXXDDP	52	TLPT4R	01	2	TT3	A3		05B		
57716		XA429	72			XA435	35			16B	9		TXXDDP	53	TXXCR0	01	2	TD4	F2		34A		
57717		XA435	35			XA431	09			16B	9		TXXDDP	54	TXXDDP	00	1	TDD	EP		17B		
57718		XA431	09										TXXDDP	55	TXXDR0	01	1	TT3	A3		04B		
57719		XA506	48			XA435	37			16B	9		TXXDDQ	51	TREQCA	01	1	TQ2	D2		22A		
57720		XA435	37										TXXDDQ	52	TXXDDQ	00	1	TDD	EQ		18B	INPUT DATA CONTR	
57721		XA428	15			XA432	34			16B	9		TXXDDQ	51	TXXDDQ	00	1	TQ2	A4		07B		
57722		XA432	34										TXXDDQ	52	TXXDDA	01	1	TQ2	C2		16A		
51487		XA436	03			XA434	27			16B	9		TXXDIA	01	TXXDIQ	01	1	TDD	B0		02A		A02
51458		XA434	27			XA428	22			16B	9		TXXDIA	51	TXXDIQ	01	1	TDD	CQ		13B		A02
57724		XA428	22			XA507	74			16B	9		TXXDIA	52	TXXDIA	00	1	TQ2	B1		12A		
57725		XA507	74										TXXDIA	53	TREN2R	01	4	TS8	E1		35B		
57726		XA421	49			XA424	49			16B	9		TXXDIP	51	TXDB4TA	01	4	MUX	D1		24B		
57727		XA424	49			XA429	73			16B	9		TXXDIP	52	TXDB0TA	01	4	MUX	D1		24B		
57728		XA429	73			XA431	68			16B	9		TXXDIP	53	TXXCR0	01	3	TD4	E2		36B		
57729		XA431	68			XA431	11			16B	9		TXXDIP	54	TXDBIO	01	2	TT3	E1		32A		
57731		XA431	11			XA434	23			16B	9		TXXDIP	56	TXXDR0	01	2	TT3	A3		05B		A02
58252		XA434	23										TXXDIP	57	TXXDIP	00	1	TDD	CP		11B		A02
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	PREFIX	CONNECTOR	PIN	PREFIX	CONNECTOR	PIN	MULTI GROUP	CODE	COLOR	IDENT											
57733		XA506	41		XA434	25			16B	9		TXXDIQ	51	TREQDA	01	1	TQ2	D3	22B		A02
57692		XA434	25		XA428	62			16B	9		TXXDIQ	52	TXXDIQ	00	1	TDD	CQ	12B	INPUT STROBE COUN	A02
51355		XA428	62									TXXDIQ	53	TXDIRA	01	1	TQ2	E2	29A		
57735		XA431	51		XA430	45			16B	9		TXXDIR	51	TXXDIR	00	1	TT3	D3	27B		
57736		XA430	45		XA503	50			16B	9		TXXDIR	52	TXXDIS	01	1	TT3	D3	24B		
57737		XA503	50									TXXDIR	53	TSBZY0	01	5	TS8	D1	23A		
57738		XA428	24		XA430	51			16B	9		TXXDIS	51	TXXDIA	01	1	TQ2	B1	13A		
57739		XA430	51		XA431	45			16B	9		TXXDIS	52	TXXDIS	00	1	TT3	D3	27B		
57740		XA431	45									TXXDIS	53	TXXDIR	01	1	TT3	D3	24B		
57741		XA440	79		XA440	73			16B	9		TXXDRA	51	TXAIEA	01	2	TQ2	F1	39B		
57742		XA440	73		XA432	06			16B	9		TXXDRA	52	TXBIEA	01	2	TQ2	F2	36B		
57743		XA432	06									TXXDRA	53	TXXDRA	00	1	TQ2	A1	05A		
57744		XA431	15		XA432	08			16B	9		TXXDRO	51	TXXDRO	00	1	TT3	A3	07B		
57745		XA432	08									TXXDRO	52	TXXDRA	01	1	TQ2	A1	06A		
57746		XA434	69		XA429	74			16B	9		TXXDSP	51	TXXDSP	00	1	TDD	MP	35A		
57747		XA429	74		XA431	13			16B	9		TXXDSP	52	TXXCRO	01	4	TD4	F2	35B		
57748		XA431	13									TXXDSP	53	TXXDRO	01	3	TT3	A3	06B		
57749		XA424	08		XA423	08			16B	9		TXXDSQ	51	TXDB62X	01	3	MUX	A2	04A		
57750		XA423	08		XA422	08			16B	9		TXXDSQ	52	TXDB42X	01	3	MUX	A2	04A		
57751		XA422	08		XA421	08			16B	9		TXXDSQ	53	TXDB22X	01	3	MUX	A2	04A		
57752		XA421	08		XA421	24			16B	9		TXXDSQ	54	TXDB02X	01	3	MUX	A2	04A		
57753		XA421	24		XA422	24			16B	9		TXXDSQ	55	TXDB12X	01	3	MUX	B2	12A		
57754		XA422	24		XA423	24			16B	9		TXXDSQ	56	TXDB32X	01	3	MUX	B2	12A		
57755		XA423	24		XA424	24			16B	9		TXXDSQ	57	TXDB52X	01	3	MUX	B2	12A		
57756		XA424	24		XA430	66			16B	9		TXXDSQ	58	TXDB72X	01	3	MUX	B2	12A		
57757		XA430	66		XA434	74			16B	9		TXXDSQ	59	TXDB1A	01	1	TT3	F1	31A		
57758		XA434	74									TXXDSQ	60	TXXDSQ	00	1	TDD	HQ	35B	INPUT STATUS CONT	
57759		XA434	35		XA430	68			16B	9		TXXDOP	51	TXXDOP	00	1	TDD	EP	17B		
57760		XA430	68									TXXDOP	52	TXDB1A	01	2	TT3	F1	32A		
57761		XA436	05		XA434	37			16B	9		TXXDQ0	51	TXXD1I	01	1	TDD	BT	03B		
57762		XA434	37		XA424	26			16B	9		TXXDQ0	52	TXXDQ0	00	1	TDD	EQ	18B	INPUT BYTE COUNT	
57766		XA424	26		XA423	26			16B	9		TXXDQ0	53	TXDB72X	01	2	MUX	B2	13A		
57777		XA423	26		XA422	26			16B	9		TXXDQ0	54	TXDB52X	01	2	MUX	B2	13A		
57778		XA422	26		XA421	26			16B	9		TXXDQ0	55	TXDB32X	01	2	MUX	B2	13A		
57779		XA421	26		XA421	10			16B	9		TXXDQ0	56	TXDB12X	01	2	MUX	B2	13A		
57780		XA421	10		XA422	10			16B	9		TXXDQ0	57	TXDB02X	01	2	MUX	A2	05A		
57781		XA422	10		XA423	10			16B	9		TXXDQ0	58	TXDB22X	01	2	MUX	A2	05A		
57782		XA423	10		XA424	10			16B	9		TXXDQ0	59	TXDB42X	01	2	MUX	A2	05A		
57783		XA424	10									TXXDQ0	60	TXDB62X	01	2	MUX	A2	05A		
57771		XA434	72		XA434	40			16B	9		TXXD1P	51	TXXDSN	01	1	TDD	MN	34A		
57772		XA434	40		XA435	42			16B	9		TXXD1P	52	TXXD0I	01	1	TDD	ET	19A		

**** SIGNAL TXXD1P IS ON THE NEXT PAGE ****

DRAWING NUMBER
UNIT ASSEMBLY NAME

149017-800
CARD CAGE ASSY B,IFCU

STRING

UNIT ASSEMBLY NO.
FILE IDENT

149017
T39CIFC7

REV E
DATE 09-03-82

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RECORD NUMBER	FROM			SH FE	TO			SH FO	WIRE			SPEC INSET MISC	SIGNAL	SEQ NO	EQUATION	TERM	FACTOR	CKT OR CHIP TYPE	GROUP	LOAD OR POWER PLANE	TEST POINTS AND/OR	SIGNAL DESCRIPTION	ECO NO	
	PREFIX	CONNECTOR	PIN		PREFIX	CONNECTOR	PIN		MULTI GROUP	CODE	COLOR													IDENT
57773		XA435	42			XA436	09				16B	9	TXXD1P	53	TXXDDN	01	1	TDD	EN		20A			
57774		XA436	09			XA434	26				16B	9	TXXD1P	54	TXXD1P	00	1	TDD	RP		04B		A02	
57913		XA434	26										TXXD1P	55	TXXDIN	01	1	TDD	CN		14A		A02	
57775		XA430	70			XA424	27				16B	9	TXXD1Q	51	TXDBIA	01	3	TT3	E1		33A			
57763		XA424	27			XA423	27				16B	9	TXXD1Q	52	TXDB72X	01	1	MUX	B2		14A			
57764		XA423	27			XA422	27				16B	9	TXXD1Q	53	TXDB52X	01	1	MUX	B2		14A			
57765		XA422	27			XA421	27				16B	9	TXXD1Q	54	TXDB32X	01	1	MUX	B2		14A			
57766		XA421	27			XA421	14				16B	9	TXXD1Q	55	TXDB12X	01	1	MUX	B2		14A			
57767		XA421	14			XA422	14				16B	9	TXXD1Q	56	TXDB02X	01	1	MUX	A2		06A			
57768		XA422	14			XA423	14				16B	9	TXXD1Q	57	TXDB22X	01	1	MUX	A2		06A			
57769		XA423	14			XA424	14				16B	9	TXXD1Q	58	TXDB42X	01	1	MUX	A2		06A			
57770		XA424	14			XA436	07				16B	9	TXXD1Q	59	TXDB62X	01	1	MUX	A2		06A			
57784		XA436	07										TXXD1Q	60	TXXD1Q	00	1	TDD	BQ		03A		INPUT BYTE COUNT	
57785		XA539	15			XA428	09				16B	9	TXXRCA	51	TXXRCQ	01	1	TDD	AQ		07B			
57786		XA428	09										TXXRCA	52	TXXRCA	00	1	TQ2	A3		04B			
57787		XA434	75			XA435	64				16B	9	TXXRCQ	51	TXXR2P	01	1	TDD	LP		37B			
57788		XA435	64			XA436	64				16B	9	TXXRCQ	52	TXXR0P	01	1	TDD	KP		30A			
57789		XA436	64			XA539	13				16B	9	TXXRCQ	53	TXXR1P	01	1	TDD	KP		30A			
57790		XA539	13										TXXRCQ	54	TXXRCQ	00	1	TDD	AQ		06B			REQUEST CONTROL
57791		XA418	59			XA428	03				16B	9	TXXRCQ	51	TXXRCQ	00	1	TS8	F1		31B			REQUEST INPUTS
57792		XA428	03										TXXRCQ	52	TXXRCA	01	1	TQ2	A3		02A			
57793		XA436	59			XA428	07				16B	9	TXXREP	51	TXXREP	00	1	TDD	JP		31B			
57794		XA428	07										TXXREP	52	TXXRCA	01	2	TQ2	A3		03A			
57795		XA435	57			XA436	63				16B	9	TXXR0P	51	TXXR0P	00	1	TDD	KP		30B			
57796		XA436	63										TXXR0P	52	TXXREQ	01	1	TDD	JQ		33B			
57797		XA436	62			XA435	55				16B	9	TXXR0Q	51	TXXR1I	01	1	TDD	KI		29A			
57798		XA435	55			XA433	26				16B	9	TXXR0Q	52	TXXR0Q	00	1	TDD	KQ		29B			REQUEST STROBE CO
57799		XA433	26			XA433	20				16B	9	TXXR0Q	53	TXARQA	01	4	TD4	B1		14A			
57800		XA433	20										TXXR0Q	54	TXBRQA	01	4	TD4	B2		11A			
57801		XA434	77			XA436	55				16B	9	TXXR1Q	51	TXXR2I	01	1	TDD	IT		38B			
57802		XA436	55										TXXR1Q	52	TXXR1Q	00	1	TDD	KQ		29B			REQUEST STROBE CO
57803		XA435	62			XA434	76				16B	9	TXXR2P	51	TXXR0I	01	1	TDD	KI		29A			
57804		XA434	76			XA539	10				16B	9	TXXR2P	52	TXXR2P	00	1	TDD	IP		37A			
57805		XA539	10										TXXR2P	53	TXXRCN	01	1	TDD	AN		07A			
57806		XA439	30			XA433	48				16B	9	TXX04A	51	TXX04A	00	1	TQ2	C2		15A			
57807		XA433	48			XA433	62				16B	9	TXX04A	52	TXENAR	01	3	TD4	D2		22A			
57808		XA433	62										TXX04A	53	TXCMAR	01	3	TD4	E2		29A			
57809		XA433	33			XA439	29				16B	9	TXX05A	51	TXX05A	00	1	TD4	C2		16B			
57810		XA439	29										TXX05A	52	TXX050	01	1	TQ2	C3		14B			

DRAWING NUMBER
UNIT ASSEMBLY NAME

149017-800
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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											
57811		XA439	33		XA433	54				16B	9		TXX050	51	TXX050	00	1	TQ2	C3	16B	I/O BYTE COUNT=0	
57812		XA433	54		XA433	68				16B	9		TXX050	52	TXEA0A	01	3	TD4	D1	25A		
57813		XA433	68										TXX050	53	TXCA0A	01	3	TD4	E1	32A		
57814		XA406	79		XA431	27				16B	9		TX0DEA	51	TS2350	01	2	TQ2	F1	39B		
57815		XA431	27										TX0DEA	52	TX0DEA	00	1	TT3	B3	13B	OFR RECEIVE DATA	
57816		XA518	17		XA432	14				16B	9		TX0DRA	51	TDRS00	01	2	TT3	B2	08B		
57817		XA432	14										TX0DRA	52	TX0DRA	00	1	TQ2	B2	09A	OFR RESET STROBE	
57818		XA520	42		XA520	36				16B	9		TX0D0A	51	TDCP00	01	2	TQ2	C1	26A		
57819		XA520	36		XA430	36				16B	9		TX0D0A	52	TDCP10	01	2	TQ2	C2	17A		
57820		XA430	36										TX0D0A	53	TX0D0A	00	1	TT3	C1	17A	OFR RECEIVE DATA	
57821		XA430	31		XA520	31				16B	9		TX0D1A	51	TX0D1A	00	1	TT3	C2	15B	OFR RECEIVE DATA	
57822		XA520	31		XA520	37				16B	9		TX0D1A	52	TDCP20	01	2	TQ2	C3	15B		
57823		XA520	37										TX0D1A	53	TDCP30	01	2	TQ2	C4	18B		
57824		XA520	56		XA520	50				16B	9		TX0D2A	51	TDCP40	01	2	TQ2	D1	26A		
57825		XA520	50		XA430	39				16B	9		TX0D2A	52	TDCP50	01	2	TQ2	D2	23A		
57826		XA430	39										TX0D2A	53	TX0D2A	00	1	TT3	C3	19B	OFR RECEIVE DATA	
57827		XA413	65		XA430	50				16B	9		TX0D3A	51	TLPT00	01	1	TDD	M0	34B		
57828		XA430	50		XA429	79				16B	9		TX0D3A	52	TX0D3A	00	1	TT3	D1	23A	OFR RECEIVE DATA	
57829		XA429	79		XA523	26				16B	9		TX0D3A	53	TXXC10	01	4	TD4	F1	39B		
57830		XA523	26		XA520	43				16B	9		TX0D3A	54	TLPTB5	01	2	TQ2	B1	14A		
57831		XA520	43		XA520	49				16B	9		TX0D3A	55	TDCP60	01	2	TQ2	D3	23B		
57832		XA520	49		XA524	68				16B	9		TX0D3A	56	TDCP70	01	2	TQ2	D4	26B		
57833		XA524	68										TX0D3A	57	TMRS00	01	2	TT3	E1	32A		
57834		XA426	77		XA430	19				16B	9		TX0FRR	51	TX0FRS	01	1	TQ2	F1	38B		
57835		XA430	19										TX0FRR	52	TX0FRR	00	1	TT3	B2	09B		
57836		XA432	18		XA430	14				16B	9		TX0FRS	51	TX0DRA	01	1	TQ2	B2	10A		
57837		XA430	14		XA431	21				16B	9		TX0FRS	52	TX0FRR	01	1	TT3	B2	09A		
57838		XA431	21		XA430	29				16B	9		TX0FRS	53	TX0DEA	01	1	TT3	B3	10B		
57839		XA430	29		XA430	33				16B	9		TX0FRS	54	TX0D1A	01	1	TT3	C2	14B		
57840		XA430	33		XA430	38				16B	9		TX0FRS	55	TX0D2A	01	1	TT3	C3	16B		
57841		XA430	38		XA430	52				16B	9		TX0FRS	56	TX0D0A	01	1	TT3	C1	18A		
57842		XA430	52		XA426	75				16B	9		TX0FRS	57	TX0D3A	01	1	TT3	D1	24A		
57843		XA426	75										TX0FRS	58	TX0FRS	00	1	TQ2	F1	37B	OFR COMMAND STORE	
57844		XA429	05		XA426	27				16B	9		TX0FRO	51	TX0ROA	01	3	TD4	A2	03B		
57845		XA426	27										TX0FRO	52	TX0FRO	00	1	TQ2	B4	13B		
57846		XA521	46		XA521	18				16B	9		TXONL0	51	TWTOCA	01	2	TS8	D1	21A		
57847		XA521	18		XA430	77				16B	9		TXONL0	52	TRTOCA	01	2	TS8	B1	10A		
57848		XA430	77		XA430	72				16B	9		TXONL0	53	TXINH5	01	2	TT3	F1	38B		

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UNIT ASSEMBLY NAME

149017-800
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T39CIFC7

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RECORD NUMBER	FROM			TO			WIRE				SIGNAL	SEQ NO	EQUATION	TERM	FACTOR	CKT OR CHIP TYPE	GROUP	LOAD OR POWER PLANE	TEST POINTS AND/OR	SIGNAL DESCRIPTION	ECO NO	
	PREFIX	CONNECTOR	PIN	PREFIX	CONNECTOR	PIN	MULTI GROUP	CODE	COLOR	IDENT												
57849		XA430	72		XA439	39		16B	9			TXONLO	54	TXINO A	01	3	TT3	F2		34A		
57850		XA439	39									TXONLO	55	TXONLO	00	1	TQ2	C4		19B		
57851		XA426	79		XA429	09		16B	9			TXOROA	51	TXOFERS	01	2	TQ2	F1		39B		
57852		XA429	09									TXOROA	52	TXOROA	00	1	TD4	A2		04B		
57853		XA412	65		XA416	57		16B	9			TXIMAP	51	TXCP1A	01	1	TQ2	F3		34B		
57854		XA416	57									TXIMAP	52	TXIMAP	00	1	TDD	KP		30B		
57855		XA417	62		XA416	55		16B	9			TX1MAQ	51	TX1MBI	01	1	TDD	KI		29A		
57856		XA416	55		XA412	76		16B	9			TX1MAQ	52	TX1MAQ	00	1	TDD	KO		29B	SYNC CLOCK BIT 0	
57857		XA412	76									TX1MAQ	53	TXCP3A	01	1	TQ2	F4		37A		
57858		XA412	78		XA416	62		16B	9			TX1MBP	51	TXCP3A	01	2	TQ2	F4		38A		
57859		XA416	62		XA417	57		16B	9			TX1MBP	52	TX1MAI	01	1	TDD	KI		29A		
57860		XA417	57									TX1MBP	53	TX1MBP	00	1	TDD	KP		30B		
57861		XA417	55		XA412	74		16B	9			TX1MBQ	51	TX1MBQ	00	1	TDD	KO		29B	SYNC CLOCK BIT 1	
57862		XA412	74									TX1MBQ	52	TXCP1A	01	2	TQ2	F3		39B		
57863		XA547	78		XA441	48		16B	9			TOSCEA4	51									
57864		XA441	48		XA146	11		16B	9			TOSCEA4	52	TXGN4A	01	1	RR4	H1				
10381		XA146	11									TOSCEA4	53				TQ2	D2		22A		
																	MTS					
52436		XA420	29		XA420	52		16B	9			TOSCRA	51									
52457		XA420	52									TOSCRA	52				OSC					
																	OSC					
57896		XA519	09		XA520	24		16B	9			T002MA	01	T002MA	00	1	TQ2	A3		04B	MAIN COUNT 100MS	
57936		XA520	24					16B	9			T002MA	02	T002M0	01	1	TQ2	B1		13A		
57938		XA520	22		XA510	24		16B	9			T002M0	01	T002M0	00	1	TQ2	B1		12A		
57874		XA510	24									T002M0	02	TNSG4A	01	2	TT3	B1		13A		
57865		XA519	06		XA520	08		16B	9			T003MA	51	T003MA	00	1	TQ2	A1		05A	MAIN COUNT 3MS	
57866		XA520	08									T003MA	52	T003M0	01	1	TQ2	A1		06A		
57867		XA509	54		XA520	06		16B	9			T003M0	51	TLAD2A	01	2	TT3	D1		25A		
57868		XA520	06									T003M0	52	T003M0	00	1	TQ2	A1		05A		
57869		XA411	10		XA412	15		16B	9			T009SA	51	TCCP00	01	2	TQ2	A1		07A		
57870		XA412	15		XA508	79		16B	9			T009SA	52	T009SA	00	1	TQ2	A4		07B	MAIN COUNT 9S	
57871		XA508	79									T009SA	53	TREG00	01	4	TD4	F1		39B		
57886		XA519	01		XA520	04		16B	9			T030MA	51	T030MA	00	1	TQ2	A2		02B	MAIN COUNT 50MS	
57887		XA520	04									T030MA	52	T030M0	01	1	TQ2	A2		04A		
55825		XA524	53		XA520	01		16B	9			T030M0	51	THSPRA	01	1	TT3	E2		28B		
57889		XA520	01									T030M0	52	T030M0	00	1	TQ2	A2		02B		
57897		XA520	03		XA433	69		16B	9			T033MA	01	T033M0	01	1	TQ2	A3		02A		
												****	SIGNAL	T033MA								IS ON THE NEXT PAGE ****

DRAWING NUMBER 149017-800 STRING UNIT ASSEMBLY NO. 149017 REV E INDEX T16MHO
 UNIT ASSEMBLY NAME CARD CAGE ASSY B,IFCU FILE IDENT T39C1FC7 DATE 09-03-82 PAGE 326

RECORD NUMBER	FROM				TO				WIRE				SIGNAL	SEQ NO	EQUATION	TERM	FACTOR	CKT OR CHIP TYPE	GROUP	LOAD OR POWER PLANE	TEST POINTS AND/OR	SIGNAL DESCRIPTION	ECO NO	
	PREFIX	CONNECTOR	PIN	WIRE	PREFIX	CONNECTOR	PIN	WIRE	MULTI GROUP	CODE	COLOR	IDENT												
57908		XA435	60		XA436	60				16B	9		T16MHO	55	TXXR0N	01	1	TDD	KN		28A			
57909		XA436	60		XA434	79				16B	9		T16MHO	56	TXXR1N	01	1	TDD	KN		28A			
57910		XA434	79										T16MHO	57	TXXR2N	01	1	TDD	LN		39B			
57911		XA439	14		XA435	26				16B	9		T16MIO	51	TXXC4N	01	1	TDD	DN		09A			
57912		XA435	26		XA434	30				16B	9		T16MIO	52	TXXC1N	01	1	TDD	DN		14A		A02	
51263		XA434	30		XA434	14				16B	9		T16MIO	53	TXXCON	01	1	TDD	FN		15A		A02	
57914		XA434	14		XA435	14				16B	9		T16MIO	54	TXXC2N	01	1	TDD	DN		09A			
57915		XA435	14		XA420	54				16B	9		T16MIO	55	TXXC3N	01	1	TDD	DN		09A			
52459		XA420	54										T16MIO	56				OSC						
57900		XA527	76		XA522	77				16B	9		T198UA	51	T198UA	00	1	TS8	F1		37A	WRITE COUNT 158US	C09	
57901		XA522	77										T198UA	52	T198U0	01	1	TQ2	F1		38B		C09	
57894		XA510	46		XA522	75				16B	9		T198U0	51	TWRI6A	01	2	TT3	D2		21A		C09	
57903		XA522	75										T198U0	52	T198U0	00	1	TQ2	F1		37B		C09	
57934		XA407	45		XA520	11				16B	9		T200MA	01	T200MA	00	1	TQ2	D3		24B	MAIN COUNT 500MS	C09	
57921		XA520	11										T200MA	02	T200M0	01	1	TQ2	A4		05B		C09	
57924		XA520	15		XA407	48				16B	9		T200M0	52	T200M0	00	1	TQ2	A4		07B		C09	
57925		XA407	48										T200M0	53	TSTR7A	01	1	TQ2	D2		22A		C09	
57935		XA408	50		XA519	15				16B	9		T300MA	01	TSTR80	01	2	TQ2	D2		23A		C09	
57922		XA519	15										T300MA	52	T300MA	00	1	TQ2	A4		07B	MAIN COUNT 300MS	C09	
57926		XA527	59		XA523	65				16B	9		T399UA	51	T399UA	00	1	TS8	E1		31B	WRITE COUNT 319US	C09	
57927		XA523	65										T399UA	52	T399U0	01	1	TQ2	F3		34B		C09	
57902		XA518	47		XA523	69				16B	9		T399U0	01	T1CC6A	01	2	TT3	D3		29B		C09	
57929		XA523	69										T399U0	52	T399U0	00	1	TQ2	F3		35A		C09	
53003		XA549	33		XA547	37				16B	9		UB0T3DX4	50				EXT						C09
53381		XA547	37		XA545	14				16B	9		UB0T3DX4	51				RR4	D4					C09
53382		XA545	14										UB0T3DX4	52	UB0T3DX4	00	1	DCF	A5		08B	BOT 3 RECEIVER	C09	
53383		XA423	17		XA545	10				16B	9		UB0T30X	51	TXDB41X	01	8	MUX	A1		08B		C09	
53385		XA545	10										UB0T30X	53	UB0T30X	00	1	DCF	A6		07A		C09	
53005		XA549	35		XA547	39				16B	9		UB0T4DX4	50				EXT						C09
53388		XA547	39		XA545	01				16B	9		UB0T4DX4	51				RR4	D5					C09
53389		XA545	01										UB0T4DX4	52	UB0T4DX4	00	1	DCF	A7		02A	BOT 4 RECEIVER	C09	
53390		XA423	15		XA545	03				16B	9		UB0T40X	51	TXDB41X	01	6	MUX	A1		07B		C09	
53392		XA545	03										UB0T40X	53	UB0T40X	00	1	DCF	A8		03A		C09	
54173		XA523	18		XA524	19				16B	9		UE0T1R	51	UE0T1S	01	1	TQ2	B2		10A		C09	
54174		XA524	19		XA525	19				16B	9		UE0T1R	52	UE0T1R	00	1	TT3	B2		09B		C09	
54175		XA525	19										UE0T1R	53	TE0T1A	01	3	TD4	B2		09B		C09	
												***	SIGNAL	UE0T1S	IS ON THE NEXT PAGE				****					

DRAWING NUMBER 149017-800 STRING UNIT ASSEMBLY NO. 149017 REV E INDEX UEOTIS
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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	ECO NO		
	PREFIX	CONNECTOR	PIN	OR	PREFIX	CONNECTOR	PIN	OR	MULTI GROUP	CODE	COLOR	IDENT											SPEC INST. MISC	
54177		XA522	18		XA523	14				16B	9			UEOT1S	52	UEOT4A	01	1	TQ2	B2	10A	EOT COUNTER BIT 1	C09	
54178		XA523	14		XA524	14				16B	9			UEOT1S	53	UEOT1S	00	1	TQ2	B2	09A		C09	
54179		XA524	14											UEOT1S	54	UEOT1R	01	1	TT3	B2	09A		C09	
54183		XA524	27		XA523	20				16B	9			UEOT2A	51	UEOT2A	00	1	TT3	B3	13B		C09	
54184		XA523	20											UEOT2A	52	UEOT1S	01	2	TQ2	B2	11A		C09	
54187		XA522	27		XA523	23				16B	9			UEOT2R	51	UEOT2R	00	1	TQ2	B4	13B		C09	
54188		XA523	23		XA524	23				16B	9			UEOT2R	52	UEOT2S	01	1	TQ2	B4	11B		C09	
54189		XA524	23											UEOT2R	53	UEOT2A	01	2	TT3	B3	11B		C09	
54190		XA523	27		XA522	24				16B	9			UEOT2S	51	UEOT2S	00	1	TQ2	B4	13B	EOT COUNTER BIT 2	C09	
54191		XA522	24		XA522	23				16B	9			UEOT2S	52	UEOT3A	01	1	TQ2	B1	13A		C09	
54192		XA522	23											UEOT2S	53	UEOT2R	01	1	TQ2	B4	11B		C09	
54196		XA524	17		XA522	22				16B	9			UEOT3A	51	UEOT1R	01	2	TT3	B2	08B		C09	
54197		XA522	22											UEOT3A	52	UEOT3A	00	1	TQ2	B1	12A		C09	
54198		XA549	51		XA547	47				16B	9			UEOT3DX4	50				EXT			EOT 3 RECEIVER	C09	
54198		XA547	47		XA545	41				16B	9			UEOT3DX4	51				RR4	E3			C09	
54199		XA545	41											UEOT3DX4	52	UEOT3DX400	1	DCF	B5	16A	C09			
54200		XA423	33		XA422	39				16B	9			UEOT30X	51	TXDB51X	01	8	MUX	B1	16A		C09	
54201		XA422	39		XA545	40				16B	9			UEOT30X	52	TAD5X1X	01	3	MUX	C1	18B		C09	
54202		XA545	40											UEOT30X	53	UEOT30X	00	1	DCF	B6	15A		C09	
54203		XA522	14		XA523	25				16B	9			UEOT4A	51	UEOT4A	00	1	TQ2	B2	09A		C09	
54204		XA523	25											UEOT4A	52	UEOT2S	01	2	TQ2	B4	12B		C09	
54205		XA549	13		XA547	45				16B	9			UEOT4DX4	50				EXT			EOT 4 RECEIVER	C09	
54205		XA547	45		XA545	23				16B	9			UEOT4DX4	51				RR4	E4			C09	
54206		XA545	23											UEOT4DX4	52	UEOT4DX400	1	DCF	B7	10A	C09			
54207		XA423	31		XA422	43				16B	9			UEOT40X	51	TXDB51X	01	6	MUX	B1	14B		C09	
54208		XA422	43		XA545	30				16B	9			UEOT40X	52	TAD5X1X	01	3	MUX	C1	22B		C09	
54209		XA545	30											UEOT40X	53	UEOT40X	00	1	DCF	B8	11A		C09	
54208		XA549	07		XA547	56				16B	9			UFPR3DX4	50				EXT			FILE PROTECT 3 REC	C09	
54228		XA547	56		XA545	60				16B	9			UFPR3DX4	51				RR4	F2			C09	
54229		XA545	60											UFPR3DX4	52	UFPR3DX400	1	DCF	C5	31B	C09			
54230		XA422	17		XA424	39				16B	9			UFPR30X	51	TXDB21X	01	8	MUX	A1	08B		C09	
54231		XA424	39		XA545	57				16B	9			UFPR30X	52	UFPR1X	01	3	MUX	C1	18B		C09	
54232		XA545	57											UFPR30X	53	UFPR30X	00	1	DCF	C6	31A		C09	
54233		XA549	09		XA547	55				16B	9			UFPR4DX4	50				EXT			FILE PROTECT 4 REC	C09	
54233		XA547	55		XA545	43				16B	9			UFPR4DX4	51				RR4	F3			C09	
54234		XA545	43											UFPR4DX4	52	UFPR4DX400	1	DCF	C7	25A	C09			
54235		XA422	15		XA424	43				16B	9			UFPR40X	51	TXDB21X	01	6	MUX	A1	07B		C09	
****												SIGNAL	UFPR40X	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	WIRE NO	PREFIX	CONNECTOR	PIN	WIRE NO	MULTI GROUP	CODE	COLOR	IDENT											
54236		XA424	43			XA545	48			168	9		UFP40X	52	UFP40X	01	5	MUX	C1		22B		C09
54237		XA545	48										UFP40X	53	UFP40X	00	1	DCE	C8		26A		C09
54305		XA515	54			XA509	64			168	9		UINT7A	51	TWRGOR	01	3	T04	D1		25A		C09
54306		XA509	64			XA506	23			168	9		UINT7A	52	UINT7A	00	1	TT3	E1		30A		C09
54307		XA506	23										UINT7A	53	TINT50	01	1	TQ2	B4		11B		C09
52995		XA549	23			XA549	41			168	9		UMALFDX	50				EXT					C09
53011		XA549	41			XA549	45			168	9		UMALFDX	501				EXT					C09
53014		XA549	45			XA549	47			168	9		UMALFDX	502				EXT					C09
53016		XA549	47			XA446	65			168	9		UMALFDX	503				EXT					C09
54597		XA446	65										UMALFDX	504	UMALFDX	00	1	DCE	D1		32B	MALEFUNCTION RECEIVER	C09
54807		XA547	36			XA546	60			168	9		URDBSDX4	51				RR4	C1				C09
54808		XA546	60										URDBSDX4	52	URDBSDX400	1	DCF	C5			31B	READ STATUS RECEIVER	C09
54868		XA547	25			XA546	78			168	9		URDY2DX4	51				RR4	C4				C09
54869		XA546	78										URDY2DX4	52	URDY2DX400	1	DCF	D3			37B	READY 2 RECEIVER	C09
54870		XA421	34			XA423	37			168	9		URDY20X	51	TXDB11X	01	7	MUX	B1		15B		C09
54871		XA423	37			XA546	75			168	9		URDY20X	52	URDYX1X	01	2	MUX	C1		17B		C09
54872		XA546	75										URDY20X	53	URDY20X	00	1	DCF	D4		36B		C09
54873		XA547	29			XA546	80			168	9		URDY3DX4	51				RR4	C5				C09
54874		XA546	80										URDY3DX4	52	URDY3DX400	1	DCF	D5			38B	READY 3 RECEIVER	C09
54875		XA421	33			XA423	39			168	9		URDY30X	51	TXDB11X	01	8	MUX	B1		16A		C09
54876		XA423	39			XA546	76			168	9		URDY30X	52	URDYX1X	01	3	MUX	C1		18B		C09
54877		XA546	76										URDY30X	53	URDY30X	00	1	DCF	D6		38A		C09
54878		XA547	42			XA546	61			168	9		URDY4DX4	51				RR4	D1				C09
54879		XA546	61										URDY4DX4	52	URDY4DX400	1	DCF	D7			33A	READY 4 RECEIVER	C09
54880		XA421	31			XA423	43			168	9		URDY40X	51	TXDB11X	01	6	MUX	B1		14B		C09
54881		XA423	43			XA546	68			168	9		URDY40X	52	URDYX1X	01	5	MUX	C1		22B		C09
54882		XA546	68										URDY40X	53	URDY40X	00	1	DCF	D8		36A		C09
52993		XA549	21			XA547	72			168	9		UREW3DX4	50				EXT					C09
55036		XA547	72			XA545	80			168	9		UREW3DX4	51				RR4	G1				C09
55037		XA545	80										UREW3DX4	52	UREW3DX400	1	DCF	D5			38B	REWINDING 3 RECEIVER	C09
55044		XA422	33			XA522	07			168	9		UREW30X	51	TXDB31X	01	8	MUX	B1		16A		C09
55045		XA522	07			XA545	76			168	9		UREW30X	52	URW3CA	01	2	TQ2	A3		03A		C09
55046		XA545	76										UREW30X	53	UREW30X	00	1	DCF	D6		38A		C09
52991		XA549	19			XA547	66			168	9		UREW4DX4	50				EXT					C09
55047		XA547	66			XA545	61			168	9		UREW4DX4	51				RR4	G2				C09
55048		XA545	61										UREW4DX4	52	UREW4DX400	1	DCF	D7			33A	REWINDING 4 RECEIVER	C09
55053		XA422	31			XA522	13			168	9		UREW40X	51	TXDB31X	01	6	MUX	B1		14B		C09

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DRAWING NUMBER 149017-800 STRING UNIT ASSEMBLY NO. 149017 REV E INDEX UREW40X
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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	MULTI GROUP	CODE	COLOR	IDENT											
55054		XA522	13			XA545	68						UREW40X	52	URW4CA	01	2	TQ2	A4		06B		C09
55055		XA545	68							168	9		UREW40X	53	UREW40X	00	1	DCF	D8		34A		C09
56155		XA547	38			XA546	43						UWDBSDX4	51				RR4	C2				C09
56156		XA546	43										UWDBSDX4	52	UWDBSDX4	00	1	DCF	C7		25A	WRITE STATUS RECEI	C09
56209		XA443	53			XA443	59			168	9		UWDDG0	51	UWLC2D	01	1	TLD	E3		28B		C09
56210		XA443	59			XA443	62			168	9		UWDDG0	52	UWLC3D	01	1	TLD	F4		31B		C09
56211		XA443	62			XA443	68			168	9		UWDDG0	53	UWLC1D	01	1	TLD	E2		29A		C09
56212		XA443	68			XA512	69			168	9		UWDDG0	54	UWLC0D	01	1	TLD	F1		32A		C09
56213		XA512	69										UWDDG0	55	UWDDG0	00	1	TQ2	F3		35A		C09
56214		XA443	47			XA443	65			168	9		UWDDH0	51	UWLCPD	01	1	TLD	D4		25B		C09
56215		XA443	65			XA443	71			168	9		UWDDH0	52	UWLC6D	01	1	TLD	F3		34B		C09
56216		XA443	71			XA443	77			168	9		UWDDH0	53	UWLC5D	01	1	TLD	F2		36A		C09
56217		XA443	77			XA443	76			168	9		UWDDH0	54	UWLC4D	01	1	TLD	F1		38B		C09
56218		XA443	76			XA512	80			168	9		UWDDH0	55	UWLC7D	01	1	TLD	F4		37A		C09
56219		XA512	80										UWDDH0	56	UWDDH0	00	1	TQ2	F4		39A		C09
56244		XA443	51									J	UWLCPD	51	UWLCPD	00	1	TLD	D4		27B	TWDBPB4 BUSS	C09
56245		XA539	24			XA540	25			168	9		UWLCPER	51	UWLCPI	01	1	TDD	GI		13A		C09
56246		XA540	25										UWLCPER	52	UWLCPER	00	1	EOR	B3		14A		C09
56247		XA443	49			XA540	24			168	9		UWLCPO	51	UWLCPD	01	2	TLD	D4		26B		C09
56248		XA540	24			XA539	25			168	9		UWLCPO	52	UWLCPER	01	2	EOR	B3		12A		C09
56249		XA539	25										UWLCPO	53	UWLCPO	00	1	TDD	C0		12B		C09
56250		XA443	66									J	UWLCOD	51	UWLCOD	00	1	TLD	E1		31A	TWDBOB4 BUSS	C09
56251		XA539	40			XA540	22			168	9		UWLCOER	51	UWLC0I	01	1	TDD	E1		19A		C09
56252		XA540	22										UWLCOER	52	UWLC0ER	00	1	EOR	B4		11A		C09
56253		XA443	70			XA540	18			168	9		UWLC0Q	51	UWLC0D	01	2	TLD	F1		33A		C09
56254		XA540	18			XA539	37			168	9		UWLC0Q	52	UWLC0ER	01	2	EOR	B4		09A		C09
56255		XA539	37										UWLC0Q	53	UWLC0Q	00	1	TDD	F0		18B		C09
56256		XA443	60									J	UWLC1D	51	UWLC1D	00	1	TLD	E2		28A	TWDB1B4 BUSS	C09
56257		XA539	34			XA540	33			168	9		UWLC1ER	51	UWLC1I	01	1	TDD	FI		16A		C09
56258		XA540	33										UWLC1ER	52	UWLC1ER	00	1	EOR	C1		16B		C09
56259		XA443	64			XA540	29			168	9		UWLC1Q	51	UWLC1D	01	2	TLD	E2		30A		C09
56260		XA540	29			XA539	31			168	9		UWLC1Q	52	UWLC1ER	01	2	EOR	C1		14B		C09
56261		XA539	31										UWLC1Q	53	UWLC1Q	00	1	TDD	FQ		15B		C09
56262		XA443	57									J	UWLC2D	51	UWLC2D	00	1	TLD	E3		30B	TWDB2B4 BUSS	C09
56263		XA539	54			XA540	39			168	9		UWLC2ER	51	UWLC2I	01	1	TDD	GI		25A		C09
56264		XA540	39										UWLC2ER	52	UWLC2ER	00	1	EOR	C2		19B		C09

DRAWING NUMBER
UNIT ASSEMBLY NAME

149017-800
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	PREFIX	CONNECTOR	PIN	WIRE NO	PREFIX	CONNECTOR	PIN	WIRE NO	MULTI GROUP	CODE	COLOR	IDENT										
56265	XA443	55			XA540	35				168	9		UWLC2Q	51	UWLC2D	01 2	TLD	E3		29B		C09
56266	XA540	35			XA539	49				168	9		UWLC2Q	52	UWLC2ER	01 2	EOR	C2		17B		C09
56267	XA539	49											UWLC2Q	53	UWLC2Q	00 1	TDD	G0		26B		C09
56268	XA443	63										J	UWLC3D	51	UWLC3D	00 1	TLD	E4		33B	TWDB3B4 BUSS	C09
56269	XA539	48			XA540	42				168	9		UWLC3ER	51	UWLC3I	01 1	TDD	HI		22A		C09
56270	XA540	42											UWLC3ER	52	UWLC3ER	00 1	EOR	C3		20A		C09
56271	XA443	61			XA540	38				168	9		UWLC3Q	51	UWLC3D	01 2	TLD	F4		32B		C09
56272	XA540	38			XA539	43				168	9		UWLC3Q	52	UWLC3ER	01 2	EOR	C3		18A		C09
56273	XA539	43											UWLC3Q	53	UWLC3Q	00 1	TDD	H0		23B		C09
56274	XA443	75										J	UWLC4D	51	UWLC4D	00 1	TLD	F1		37B	TWDB4B4 BUSS	C09
56275	XA539	68			XA540	36				168	9		UWLC4ER	51	UWLC4I	01 1	TDD	IT		32A		C09
56276	XA540	36											UWLC4ER	52	UWLC4ER	00 1	EOR	C4		17A		C09
56277	XA443	79			XA540	30				168	9		UWLC4Q	51	UWLC4D	01 2	TLD	F1		39B		C09
56278	XA540	30			XA539	61				168	9		UWLC4Q	52	UWLC4ER	01 2	EOR	C4		15A		C09
56279	XA539	61											UWLC4Q	53	UWLC4Q	00 1	TDD	JQ		32B		C09
56280	XA443	72										J	UWLC5D	51	UWLC5D	00 1	TLD	F2		34A	TWDB5B4 BUSS	C09
56281	XA539	62			XA540	45				168	9		UWLC5ER	51	UWLC5I	01 1	TDD	KI		29A		C09
56282	XA540	45											UWLC5ER	52	UWLC5ER	00 1	EOR	D1		24B		C09
56283	XA443	73			XA540	41				168	9		UWLC5Q	51	UWLC5D	01 2	TLD	F2		36B		C09
56284	XA540	41			XA539	55				168	9		UWLC5Q	52	UWLC5ER	01 2	EOR	D1		22B		C09
56285	XA539	55											UWLC5Q	53	UWLC5Q	00 1	TDD	KQ		29B		C09
56286	XA443	69										J	UWLC6D	51	UWLC6D	00 1	TLD	F3		35A	TWDB6B4 BUSS	C09
56287	XA539	77			XA540	51				168	9		UWLC6ER	51	UWLC6I	01 1	TDD	IT		38B		C09
56288	XA540	51											UWLC6ER	52	UWLC6ER	00 1	EOR	D2		27B		C09
56289	XA443	74			XA540	47				168	9		UWLC6Q	51	UWLC6D	01 2	TLD	F3		35B		C09
56290	XA540	47			XA539	78				168	9		UWLC6Q	52	UWLC6ER	01 2	EOR	D2		25B		C09
56291	XA539	78											UWLC6Q	53	UWLC6Q	00 1	TDD	LQ		38A		C09
56292	XA443	80										J	UWLC7D	51	UWLC7D	00 1	TLD	F4		39A	TWDB7B4 BUSS	C09
56293	XA539	71			XA540	56				168	9		UWLC7ER	51	UWLC7I	01 1	TDD	MI		36A		C09
56294	XA540	56											UWLC7ER	52	UWLC7ER	00 1	EOR	D3		26A		C09
56295	XA443	78			XA540	52				168	9		UWLC7Q	51	UWLC7D	01 2	TLD	F4		38A		C09
56296	XA540	52			XA539	74				168	9		UWLC7Q	52	UWLC7ER	01 2	EOR	D3		24A		C09
56297	XA539	74											UWLC7Q	53	UWLC7Q	00 1	TDD	MQ		35B		C09

DRAWING NUMBER
UNIT ASSEMBLY NAME

149017-800
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	PREFIX	CONNECTOR	PIN	WIRE	PREFIX	CONNECTOR	PIN	WIRE	MULTI GROUP	CODE	COLOR	IDENT											
56298		XA517	29		XA517	35							UWLKOA	51	UWLK00	01	1	TQ2	C3		14B		C09
56299		XA517	35		XA516	51							UWLKOA	52	UWLK10	01	1	TQ2	C4		17B		C09
56300		XA516	51										UWLKOA	53	UWLKOA	00	1	TQ2	D4		27B		C09
56301		XA539	56		XA539	46							UWLK00	51	UWLC2N	01	1	TDD	GN		26A		C09
56302		XA539	46		XA539	42							UWLK00	52	UWLC3N	01	1	TDD	HN		21A		C09
56303		XA539	42		XA539	26							UWLK00	53	UWLC0N	01	1	TDD	EN		20A		C09
56304		XA539	26		XA539	30							UWLK00	54	UWLCPN	01	1	TDD	CN		14A		C09
56305		XA539	30		XA517	33							UWLK00	55	UWLC1N	01	1	TDD	FN		15A		C09
56306		XA517	33										UWLK00	56	UWLK00	00	1	TQ2	C3		16B		C09
56307		XA517	39		XA539	60							UWLK10	51	UWLK10	00	1	TQ2	C4		19B		C09
56308		XA539	60		XA539	70							UWLK10	52	UWLC5N	01	1	TDD	KN		28A		C09
56309		XA539	70		XA539	72							UWLK10	53	UWLC4N	01	1	TDD	JN		32A		C09
56310		XA539	72		XA539	79							UWLK10	54	UWLC7N	01	1	TDD	MN		34A		C09
56311		XA539	79										UWLK10	55	UWLC6N	01	1	TDD	LN		39B		C09
56332		XA517	30		XA539	27							UWLS0A	51	UWLS0A	00	1	TQ2	C2		15A		C09
56333		XA539	27		XA539	29							UWLS0A	52	UWLCPO	01	1	TDD	CO		13B		C09
56334		XA539	29		XA539	39							UWLS0A	53	UWLC10	01	1	TDD	FO		14B		C09
56335		XA539	39		XA539	41							UWLS0A	54	UWLC0Q	01	1	TDD	EO		19B		C09
56336		XA539	41		XA539	51							UWLS0A	55	UWLC3Q	01	1	TDD	HO		22B		C09
56337		XA539	51		XA539	53							UWLS0A	56	UWLC2Q	01	1	TDD	GO		27B		C09
56338		XA539	53		XA539	63							UWLS0A	57	UWLC5Q	01	1	TDD	KQ		28B		C09
56339		XA539	63		XA539	65							UWLS0A	58	UWLC4Q	01	1	TDD	JQ		33B		C09
56340		XA539	65		XA539	80							UWLS0A	59	UWLC7Q	01	1	TDD	MQ		34B		C09
56341		XA539	80										UWLS0A	60	UWLC6Q	01	1	TDD	LQ		39A		C09
56342		XA516	45		XA517	34							UWLS00	51	UWLS00	00	1	TQ2	D3		24B		C13
56343		XA517	34										UWLS00	52	UWLS0A	01	1	TQ2	C2		16A		C09
56430		XA518	76		XA512	60							UWR10A	51	UWR100	01	2	TT3	F3		37A		C09
56431		XA512	60										UWR10A	52	UWR10A	00	1	TQ2	E2		28A		C09
56556		XA518	15		XA517	03							UWR18A	51	UWR18A	00	1	TT3	A3		07B		C13
56557		XA517	03										UWR18A	52	URRS00	01	1	TQ2	A3		02A		C13
56558		XA518	20		XA517	11							UWR19A	51	UWR19A	00	1	TT3	B1		11A		C13
56559		XA517	11										UWR19A	52	URRS10	01	1	TQ2	A4		05B		C13
56631		XA512	76		XA512	65							UW48CA	51	UWDDH0	01	1	TQ2	F4		37A		C09
56632		XA512	65		XA518	55							UW48CA	52	UWDDG0	01	1	TQ2	F3		34B		C09
56633		XA518	55										UW48CA	53	UW48CA	00	1	TT3	E2		29B		C09
56634		XA524	73		XA512	74							UW58CA	51	UW58CA	00	1	TT3	F1		36B		C09
56635		XA512	74		XA512	78							UW58CA	52	UWDDG0	01	2	TQ2	F3		35B		C09
56636		XA512	78										UW58CA	53	UWDDH0	01	2	TQ2	F4		38A		C09
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	PREFIX	CONNECTOR	PIH	WIRE	PREFIX	CONNECTOR	PIH	WIRE	MULTI GROUP	CODE	COLOR	IDENT											
57916		XA502	59			XA523	76			16B	9		U1658A	51	U1658A	00	1	TS8	E1		31B	WRITE COUNT 36-38U	C09
57917		XA523	76										U1658A	52	U16580	01	1	TQ2	F4		37A		C09
57930		XA527	47			XA523	71			16B	9		U3618A	51	U3618A	00	1	TS8	D1		25B	WRITE COUNT 16-18U	C09
57931		XA523	71										U3618A	52	U36180	01	1	TQ2	F2		36A		C09
12466		J01	A4			XA249	79			18D	9		WIFCON	01				EX9					
11121		XA249	79										WIFCON	02				EXT					
52659		XA450	37			XA448	37			16B	9		XACMAB	51				EXT					B06
52587		XA448	37			XA447	38			16B	9		XACMAB	52				EXT					B06
52516		XA447	38										XACMAB	53				SHT					B06
52660		XA450	38			XA448	38			16B	9		XACMAR	51				EXT					B06
52588		XA448	38			XA446	58			16B	9		XACMAR	52				EXT					B06
58259		XA446	58										XACMAR	53				DCF					B06
52791		XA451	37			XA449	37			16B	9		XACMBB	51				EXT					B06
52731		XA449	37			XA447	78			16B	9		XACMBB	52				EXT					B06
52553		XA447	78										XACMBB	53				SHT					B06
52732		XA449	38			XA445	58			16B	9		XACMBR	50				EXT					B06
58260		XA445	58										XACMBR	51				DCF					B06
52657		XA450	35			XA448	35			16B	9		XAENAB	51				EXT					B06
52585		XA448	35			XA447	35			16B	9		XAENAB	52				EXT					B06
52513		XA447	35										XAENAB	53				SHT					B06
52658		XA450	36			XA448	36			16B	9		XAENAR	51				EXT					B06
52586		XA448	36			XA446	44			16B	9		XAENAR	52				EXT					B06
58261		XA446	44										XAENAR	53				DCF					B06
52789		XA451	35			XA449	35			16B	9		XAENBB	51				EXT					B06
52729		XA449	35			XA447	75			16B	9		XAENBB	52				EXT					B06
52550		XA447	75										XAENBB	53				SHT					B06
52730		XA449	36			XA445	44			16B	9		XAENBR	52				EXT					B06
58262		XA445	44										XAENBR	53				DCF					B06
52661		XA450	39			XA448	39			16B	9		XAINAB	51				EXT					B06
52589		XA448	39			XA447	39			16B	9		XAINAB	52				EXT					B06
52517		XA447	39										XAINAB	53				SHT					B06
52662		XA450	40			XA448	40			16B	9		XAINAR	51				EXT					B06
52590		XA448	40			XA446	53			16B	9		XAINAR	52				EXT					B06
58263		XA446	53										XAINAR	53				DCF					B06
52793		XA451	39			XA449	39			16B	9		XAINBB	51				EXT					B06
52733		XA449	39			XA447	79			16B	9		XAINBB	52				EXT					B06
52554		XA447	79										XAINBB	53				SHT					B06

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	PREFIX	CONNECTOR	PIK	SH	PREFIX	CONNECTOR	PIK	SH	MULTI GROUP	CODE	COLOR	IDENTY										
52734 58264		XA449 XA445	40 53			XA445	53			16B	9			XAINBR XAINBR	50 51							B06
52643 52571 52506		XA450 XA448 XA447	19 19 26			XA448 XA447	19 26			16B	9			XAROAB XAROAB XAROAB	51 52 53							B06 B06 B06
52644 52572 58389		XA450 XA448 XA444	20 20 44			XA448 XA444	20 44			16B	9			XAROAR XAROAR XAROAR	51 52 53					27A		B06 B06
52775 52715 52539		XA451 XA449 XA447	19 19 63			XA449 XA447	19 63			16B	9			XAROBB XAROBB XAROBB	51 52 53							B06 B06 B06
58390 52716		XA444 XA449	44 20			XA449	20			16B	9			XAROBR XAROBR	50 51					27A		B06
52645 52573 52507		XA450 XA448 XA447	21 21 27			XA448 XA447	21 27			16B	9			XARIAB XARIAB XARIAB	51 52 53							B06 B06 B06
52646 52574 58391		XA450 XA448 XA444	22 22 58			XA448 XA444	22 58			16B	9			XARIAR XARIAR XARIAR	51 52 53					40A		B06 B06
52777 52717 52542		XA451 XA449 XA447	21 21 66			XA449 XA447	21 66			16B	9			XARI8B XARI8B XARI8B	51 52 53							B06 B06 B06
58392 52718		XA444 XA449	58 22			XA449	22			16B	9			XARI1BR XARI1BR	50 51					40A		B06
52647 52575		XA450 XA448	23 23			XA448	23			16B	9			XAR2AB XAR2AB	51 52							B06 B06
52648 52576		XA450 XA448	24 24			XA448	24			16B	9			XAR2AR XAR2AR	51 52							B06 B06
52779 52719		XA451 XA449	23 23			XA449	23			16B	9			XAR2BB XAR2BB	51 52							B06 B06
58499 52720		XA451 XA449	24 24			XA449	24			16B	9			XAR2BR XAR2BR	01 51							B06 B06
52649 52577		XA450 XA448	25 25			XA448	25			16B	9			XAR3AB XAR3AB	51 52							B06 B06
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	PREFIX	CONNECTOR	PIN	IN	PREFIX	CONNECTOR	PIN	IN	MULTI GROUP	CODE	COLOR	IDENT											
52650		XA450	26		XA448	26				168	9		XAR3AR	51				EXT				B06	
52578		XA448	26										XAR3AR	52				EXT				B06	
52781		XA451	25		XA449	25				168	9		XAR3BB	51				EXT				B06	
52721		XA449	25										XAR3BB	52				EXT				B06	
58500		XA451	26		XA449	26				168	9		XAR3BR	01				EXT				B06	
52722		XA449	26										XAR3BR	51				EXT				B06	
52651		XA450	27		XA448	27				168	9		XAR4AB	51				EXT				B06	
52579		XA448	27		XA447	31				168	9		XAR4AB	52				EXT				B06	
52510		XA447	31										XAR4AB	53				SHT				B06	
50146		XA450	28		XA448	28				168	9		XAR4AR	51				EXT				B06	
50144		XA448	28										XAR4AR	52				EXT				B06	
52783		XA451	27		XA449	27				168	9		XAR4BB	51				EXT				B06	
52723		XA449	27		XA447	71				168	9		XAR4BB	52				EXT				B06	
52546		XA447	71										XAR4BB	53				SHT				B06	
58501		XA451	28		XA449	28				168	9		XAR4BR	01				EXT				B06	
50148		XA449	28										XAR4BR	51				EXT				B06	
52652		XA450	29		XA448	29				168	9		XAR5AB	51				EXT				B06	
52580		XA448	29		XA447	34				168	9		XAR5AB	52				EXT				B06	
52512		XA447	34										XAR5AB	53				SHT				B06	
52653		XA450	30		XA448	30				168	9		XAR5AR	51				EXT				B06	
52581		XA448	30										XAR5AR	52				EXT				B06	
52784		XA451	29		XA449	29				168	9		XAR5BB	51				EXT				B06	
52724		XA449	29		XA447	74				168	9		XAR5BB	52				EXT				B06	
52549		XA447	74										XAR5BB	53				SHT				B06	
58502		XA451	30		XA449	30				168	9		XAR5BR	01				EXT				B06	
52725		XA449	30										XAR5BR	51				EXT				B06	
52654		XA450	31		XA448	31				168	9		XAR6AB	51				EXT				B06	
52582		XA448	31										XAR6AB	52				EXT				B06	
50828		XA450	32		XA448	32				168	9		XAR6AR	51				EXT				B06	
50822		XA448	32										XAR6AR	52				EXT				B06	
52786		XA451	31		XA449	31				168	9		XAR6BB	51				EXT				B06	
52726		XA449	31										XAR6BB	52				EXT				B06	
58503		XA451	32		XA449	32				168	9		XAR6BR	01				EXT				B06	
50834		XA449	32										XAR6BR	51				EXT				B06	
52655		XA450	33		XA448	33				168	9		XAR7AB	51				EXT				B06	
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	PREFIX	CONNECTOR	PIN	WIRE	PREFIX	CONNECTOR	PIN	WIRE	MULTI GROUP	CODE	COLOR	IDENT											
52583		XA448	33										XAR7AB	52				EXT					B06
52656		XA450	34		XA448	34			16B	9			XAR7AR	51				EXT					B06
52584		XA448	34										XAR7AR	52				EXT					B06
52787		XA451	33		XA449	33			16B	9			XAR7BB	51				EXT					B06
52727		XA449	33										XAR7BB	52				EXT					B06
58504		XA451	34		XA449	34			16B	9			XAR7BR	01				EXT					B06
52728		XA449	34										XAR7BR	52				EXT					B06
52628		XA450	01		XA448	01			16B	9			XAOPAB	51				EXT					B06
52556		XA448	01		XA447	03			16B	9			XAOPAB	52				EXT					B06
52485		XA447	03										XAOPAB	53				SHT					B06
50826		XA450	02		XA448	02			16B	9			XAOPAR	51				EXT					B06
50820		XA448	02		XA446	45			16B	9			XAOPAR	52				EXT					B06
58265		XA446	45										XAOPAR	53				DCF		27A			B06
52760		XA451	01		XA449	01			16B	9			XAOPBB	51				EXT					B06
52700		XA449	01		XA447	42			16B	9			XAOPBB	52				EXT					B06
52520		XA447	42										XAOPBB	53				SHT					B06
50832		XA449	02		XA445	45			16B	9			XAOPBR	50				EXT					B06
58266		XA445	45										XAOPBR	51				DCF		27A			B06
52629		XA450	03		XA448	03			16B	9			XA00AB	51				EXT					B06
52557		XA448	03		XA447	06			16B	9			XA00AB	52				EXT					B06
52488		XA447	06										XA00AB	53				SHT					B06
52630		XA450	04		XA448	04			16B	9			XA00AR	51				EXT					B06
52558		XA448	04		XA446	05			16B	9			XA00AR	52				EXT					B06
58267		XA446	05										XA00AR	53				DCF					B06
52761		XA451	03		XA449	03			16B	9			XA00BB	51				EXT					B06
52701		XA449	03		XA447	43			16B	9			XA00BB	52				EXT					B06
52521		XA447	43										XA00BB	53				SHT					B06
52702		XA449	04		XA445	05			16B	9			XA00BR	50				EXT					B06
58268		XA445	05										XA00BR	51				DCF					B06
52631		XA450	05		XA448	05			16B	9			XA01AB	51				EXT					B06
52559		XA448	05		XA447	07			16B	9			XA01AB	52				EXT					B06
52489		XA447	07										XA01AB	53				SHT					B06
52632		XA450	06		XA448	06			16B	9			XA01AR	51				EXT					B06
52560		XA448	06		XA446	19			16B	9			XA01AR	52				EXT					B06
58269		XA446	19										XA01AR	53				DCF					B06
52763		XA451	05		XA449	05			16B	9			XA01BB	51				EXT					B06
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	PREFIX	CONNECTOR	PIN	2 3	PREFIX	CONNECTOR	PIN	2 3	MULTI GROUP	CODE	COLOR	ICENT									
52703		XA449	05		XA447	48			16B	9			XA01BB	52			EXT			B06	
52525		XA447	48										XA01BB	53			SHT			B06	
52704		XA449	06		XA445	19			16B	9			XA01BR	50			EXT			B06	
58270		XA445	19										XA01BR	51			DCF				
52633		XA450	07		XA448	07			16B	9			XA02AB	51			EXT			B06	
52561		XA448	07		XA447	10			16B	9			XA02AB	52			EXT			B06	
52492		XA447	10										XA02AB	53			SHT			B06	
52634		XA450	08		XA448	08			16B	9			XA02AR	51			EXT			B06	
52562		XA448	08		XA446	16			16B	9			XA02AR	52			EXT			B06	
58271		XA446	16										XA02AR	53			DCF				
52765		XA451	07		XA449	07			16B	9			XA02BB	51			EXT			B06	
52705		XA449	07		XA447	49			16B	9			XA02BB	52			EXT			B06	
52526		XA447	49										XA02BB	53			SHT			B06	
52706		XA449	08		XA445	16			16B	9			XA02BR	50			EXT			B06	
58272		XA445	16										XA02BR	51			DCF				
52635		XA450	09		XA448	09			16B	9			XA03AB	51			EXT			B06	
52563		XA448	09		XA447	15			16B	9			XA03AB	52			EXT			B06	
52496		XA447	15										XA03AB	53			SHT			B06	
58505		XA449	44		XA450	10			16B	9			XA03AR	50			EXT			B06	
52636		XA450	10		XA448	10			16B	9			XA03AR	51			EXT			B06	
52564		XA448	10		XA446	02			16B	9			XA03AR	52			EXT			B06	
58273		XA446	02										XA03AR	53			DCF	01A			
52767		XA451	09		XA449	09			16B	9			XA03BB	51			EXT			B06	
52707		XA449	09		XA447	52			16B	9			XA03BB	52			EXT			B06	
52529		XA447	52										XA03BB	53			SHT			B06	
58506		XA451	08		XA451	10			16B	9			XA03BR	50			EXT			B06	
52768		XA451	10		XA449	10			16B	9			XA03BR	51			EXT			B06	
52708		XA449	10		XA445	02			16B	9			XA03BR	52			EXT			B06	
58274		XA445	02									K	XA03BR	53			DCF	01A			
58507		XA449	10	3	XA449	42		3	16B	9			XA03BR	54			EXT			B06	
58508		XA449	42										XA03BR	55			EXT			B06	
52637		XA450	11		XA448	11			16B	9			XA04AB	51			EXT			B06	
52565		XA448	11		XA447	18			16B	9			XA04AB	52			EXT			B06	
52498		XA447	18										XA04AB	53			SHT			B06	
50145		XA450	12		XA448	12			16B	9			XA04AR	51			EXT			B06	
50143		XA448	12		XA446	25			16B	9			XA04AR	52			EXT			B06	
58275		XA446	25										XA04AR	53			DCF				
52769		XA451	11		XA449	11			16B	9			XA04BB	51			EXT			B06	
									***		SIGNAL		XA04BB				IS ON THE		NEXT PAGE	***	

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149017-800
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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 / O	PREFIX	CONNECTOR	PIN	SH / O	MULTI GROUP	CODE	COLOR	IDENT											
52709		XA449	11			XA447	53			16B	9			XA04BB	52			EXT					B06
52530		XA447	53											XA04BB	53			SHT					B06
50147		XA449	12			XA445	25			16B	9			XA04BR	50			EXT					B06
58276		XA445	25											XA04BR	51			DCF					
52638		XA450	13			XA448	13			16B	9			XA05AB	51			EXT					B06
52566		XA448	13			XA447	19			16B	9			XA05AB	52			EXT					B06
52499		XA447	19											XA05AB	53			SHT					B06
52639		XA450	14			XA448	14			16B	9			XA05AR	51			EXT					B06
52567		XA448	14			XA446	39			16B	9			XA05AR	52			EXT					B06
58277		XA446	39											XA05AR	53			DCF					
52770		XA451	13			XA449	13			16B	9			XA05BB	51			EXT					B06
52710		XA449	13			XA447	56			16B	9			XA05BB	52			EXT					B06
52533		XA447	56											XA05BB	53			SHT					B06
52711		XA449	14			XA445	39			16B	9			XA05BR	50			EXT					B06
58278		XA445	39											XA05BR	51			DCF					
52640		XA450	15			XA448	15			16B	9			XA06AB	51			EXT					B06
52568		XA448	15			XA447	22			16B	9			XA06AB	52			EXT					B06
52502		XA447	22											XA06AB	53			SHT					B06
50827		XA450	16			XA448	16			16B	9			XA06AR	51			EXT					B06
50821		XA448	16			XA446	42			16B	9			XA06AR	52			EXT					B06
58279		XA446	42											XA06AR	53			DCF		20B			B06
52772		XA451	15			XA449	15			16B	9			XA06BB	51			EXT					B06
52712		XA449	15			XA447	59			16B	9			XA06BB	52			EXT					B06
52535		XA447	59											XA06BB	53			SHT					B06
50833		XA449	16			XA445	42			16B	9			XA06BR	50			EXT					B06
58280		XA445	42											XA06BR	51			DCF		20B			B06
52641		XA450	17			XA448	17			16B	9			XA07AB	51			EXT					B06
52569		XA448	17			XA447	23			16B	9			XA07AB	52			EXT					B06
52503		XA447	23											XA07AB	53			SHT					B06
52642		XA450	18			XA448	18			16B	9			XA07AR	51			EXT					B06
52570		XA448	18			XA446	21			16B	9			XA07AR	52			EXT					B06
58281		XA446	21											XA07AR	53			DCF					B06
52773		XA451	17			XA449	17			16B	9			XA07BB	51			EXT					B06
52713		XA449	17			XA447	62			16B	9			XA07BB	52			EXT					B06
52538		XA447	62											XA07BB	53			SHT					B06
52714		XA449	18			XA445	21			16B	9			XA07BR	50			EXT					B06
58282		XA445	21											XA07BR	51			DCF					B06

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RECORD NUMBER	FROM				TO				WIRE				SIGNAL	SEQ NO	EQUATION	TERM FACTOR	CXT OR CHIP TYPE	LOAD OR POWER PLANE	TEST POINTS AND OR	SIGNAL DESCRIPTION	ECO NO
	PREFIX	CONNECTOR	PIN	QTY	PREFIX	CONNECTOR	PIN	QTY	MULTI-GROUP	CODE	COLOR	IDENT									
52696		XA450	77			XA448	77			16B	9		XBCMAB	51			EXT			B06	
52624		XA448	77										XRCMAB	52			EXT			B06	
52697		XA450	78			XA448	78			16B	9		XBCMAR	51			EXT		B06		
52625		XA448	78										XBCMAR	52			EXT		B06		
52828		XA451	77			XA449	77			16B	9		XCBMBB	51			EXT		B06		
52758		XA449	77										XCBMBB	52			EXT		B06		
52694		XA450	75			XA448	75			16B	9		XBENAB	51			EXT		B06		
52622		XA448	75										XBENAB	52			EXT		B06		
58509		XA449	68			XA450	76			16B	9		XBENAR	50			EXT		B06		
52695		XA450	76			XA448	76			16B	9		XBENAR	51			EXT		B06		
52623		XA448	76										XBENAR	52			EXT		B06		
52826		XA451	75			XA449	75			16B	9		XBENBB	51			EXT		B06		
52756		XA449	75										XBENBB	52			EXT		B06		
58510		XA451	78			XA451	76			16B	9		XBENBR	50			EXT		B06		
52827		XA451	76			XA449	76			16B	9		XBENBR	51			EXT		B06		
52757		XA449	76			XA449	78			16B	9		XBENBR	52			EXT		B06		
58511		XA449	78										XBENBR	53			EXT		B06		
52698		XA450	79			XA448	79			16B	9		XBINAB	51			EXT		B06		
52626		XA448	79										XBINAB	52			EXT		B06		
52699		XA450	80			XA448	80			16B	9		XBINAR	51			EXT		B06		
52627		XA448	80										XBINAR	52			EXT		B06		
52830		XA451	79			XA449	79			16B	9		XBINBB	51			EXT		B06		
52759		XA449	79										XBINBB	52			EXT		B06		
52679		XA450	59			XA448	59			16B	9		XBROAB	51			EXT		B06		
52607		XA448	59										XBROAB	52			EXT		B06		
52680		XA450	60			XA448	60			16B	9		XBROAR	51			EXT		B06		
52608		XA448	60										XBROAR	52			EXT		B06		
52811		XA451	59			XA449	59			16B	9		XBROBB	51			EXT		B06		
52748		XA449	59										XBROBB	52			EXT		B06		
52681		XA450	61			XA448	61			16B	9		XBRIAB	51			EXT		B06		
52609		XA448	61										XBRIAB	52			EXT		B06		
52682		XA450	62			XA448	62			16B	9		XBRIAR	51			EXT		B06		
52610		XA448	62										XBRIAR	52			EXT		B06		
										****	SIGNAL	XBRIAB	IS ON THE NEXT PAGE				****				

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	PREFIX	CONNECTOR	PIN	PREFIX	CONNECTOR	PIN	WIRE NO	MULTI GROUP	CODE	COLOR											
52813 52749	XA451 XA449	61 61		XA449 61					16B	9		XBR1BB XBR1BB	51 52			EXT EXT				B06 B06	
52683 52611	XA450 XA448	63 63		XA448 63					16B	9		XBR2AB XBR2AB	51 52			EXT EXT				B06 B06	
52684 52612	XA450 XA448	64 64		XA448 64					16B	9		XBR2AR XBR2AR	51 52			EXT EXT				B06 B06	
52815 52750	XA451 XA449	63 63		XA449 63					16B	9		XBR2BB XBR2BB	51 52			EXT EXT				B06 B06	
52685 52613	XA450 XA448	65 65		XA448 65					16B	9		XBR3AB XBR3AB	51 52			EXT EXT				B06 B06	
52686 52614	XA450 XA448	66 66		XA448 66					16B	9		XBR3AR XBR3AR	51 52			EXT EXT				B06 B06	
52817 52751	XA451 XA449	65 65		XA449 65					16B	9		XBR3BB XBR3BB	51 52			EXT EXT				B06 B06	
50831 50825	XA450 XA448	67 67		XA448 67					16B	9		XBR4AB XBR4AB	51 52			EXT EXT				B06 B06	
52687 52615	XA450 XA448	68 68		XA448 68					16B	9		XBR4AR XBR4AR	51 52			EXT EXT				B06 B06	
50843 50837	XA451 XA449	67 67		XA449 67					16B	9		XBR4BB XBR4BB	51 52			EXT EXT				B06 B06	
52688 52616	XA450 XA448	69 69		XA448 69					16B	9		XBR5AB XBR5AB	51 52			EXT EXT				B06 B06	
52689 52617	XA450 XA448	70 70		XA448 70					16B	9		XBR5AR XBR5AR	51 52			EXT EXT				B06 B06	
52820 52752	XA451 XA449	69 69		XA449 69					16B	9		XBR5BB XBR5BB	51 52			EXT EXT				B06 B06	
52690 52618	XA450 XA448	71 71		XA448 71					16B	9		XBR6AB XBR6AB	51 52			EXT EXT				B06 B06	
52691 52619	XA450 XA448	72 72		XA448 72					16B	9		XBR6AR XBR6AR	51 52			EXT EXT				B06 B06	
52822 52753	XA451 XA449	71 71		XA449 71					16B	9		XBR6BB XBR6BB	51 52			EXT EXT				B06 B06	
52692 52620	XA450 XA448	73 73		XA448 73					16B	9		XBR7AB XBR7AB	51 52			EXT EXT				B06 B06	

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	PREFIX	CONNECTOR	PIN	REF	PREFIX	CONNECTOR	PIN	DR FC	MULTI GROUP	CODE	COLOR											
58512		XA449	70		XA450	74			16B	9		XBR7AR	50				EXT				B06	
52693		XA450	74		XA448	74			16B	9		XBR7AR	51				EXT				B06	
52621		XA448	74									XBR7AR	52				EXT				B06	
52824		XA451	73		XA449	73			16B	9		XBR7BB	51				EXT				B06	
52754		XA449	73									XBR7BB	52				EXT				B06	
58513		XA451	72		XA451	74			16B	9		XBR7BR	50				EXT				B06	
52825		XA451	74		XA449	74			16B	9		XBR7BR	51				EXT				B06	
52755		XA449	74		XA449	72			16B	9		XBR7BR	52				EXT				B06	
58514		XA449	72									XBR7BR	53				EXT				B06	
52663		XA450	41		XA448	41			16B	9		XBOPAB	51				EXT				B06	
52591		XA448	41									XBOPAB	52				EXT				B06	
52664		XA450	42		XA448	42			16B	9		XBOPAR	51				EXT				B06	
52592		XA448	42									XBOPAR	52				EXT				B06	
52795		XA451	41		XA449	41			16B	9		XBOPBB	51				EXT				B06	
52735		XA449	41									XBOPBB	52				EXT				B06	
52665		XA450	43		XA448	43			16B	9		XB00AB	51				EXT				B06	
52593		XA448	43									XB00AB	52				EXT				B06	
50829		XA450	44		XA448	44			16B	9		XB00AR	51				EXT				B06	
50823		XA448	44									XB00AR	52				EXT				B06	
52797		XA451	43		XA449	43			16B	9		XB00BB	51				EXT				B06	
52737		XA449	43									XB00BB	52				EXT				B06	
52666		XA450	45		XA448	45			16B	9		XB01AB	51				EXT				B06	
52594		XA448	45									XB01AB	52				EXT				B06	
52667		XA450	46		XA448	46			16B	9		XB01AR	51				EXT				B06	
52595		XA448	46									XB01AR	52				EXT				B06	
52798		XA451	45		XA449	45			16B	9		XB01BB	51				EXT				B06	
52738		XA449	45									XB01BB	52				EXT				B06	
52668		XA450	47		XA448	47			16B	9		XB02AB	51				EXT				B06	
52596		XA448	47									XB02AB	52				EXT				B06	
52669		XA450	48		XA448	48			16B	9		XB02AR	51				EXT				B06	
52597		XA448	48									XB02AR	52				EXT				B06	
52800		XA451	47		XA449	47			16B	9		XB02BB	51				EXT				B06	
52740		XA449	47									XB02BB	52				EXT				B06	
									****		SIGNAL	XB03AB		IS ON THE	NEXT PAGE	****						

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	PREFIX	CONNECTOR	PIN	SH TO	PREFIX	CONNECTOR	PIN	SH TO	MULTI GROUP	CODE	COLOR	IDENT											
52670 52598		XA450 XA448	49 49			XA448	49			16B	9							EXT EXT				B06 B06	
52671 52599		XA450 XA448	50 50			XA448	50			16B	9							EXT EXT				B06 B06	
52802 52742		XA451 XA449	49 49			XA449	49			16B	9							EXT EXT				B06 B06	
52672 52600		XA450 XA448	51 51			XA448	51			16B	9							EXT EXT				B06 B06	
52673 52601		XA450 XA448	52 52			XA448	52			16B	9							EXT EXT				B06 B06	
52804 52744		XA451 XA449	51 51			XA449	51			16B	9							EXT EXT				B06 B06	
52674 52602		XA450 XA448	53 53			XA448	53			16B	9							EXT EXT				B06 B06	
52675 52603		XA450 XA448	54 54			XA448	54			16B	9							EXT EXT				B06 B06	
52806 52745		XA451 XA449	53 53			XA449	53			16B	9							EXT EXT				B06 B06	
52676 52604		XA450 XA448	55 55			XA448	55			16B	9							EXT EXT				B06 B06	
52677 52605		XA450 XA448	56 56			XA448	56			16B	9							EXT EXT				B06 B06	
52808 52746		XA451 XA449	55 55			XA449	55			16B	9							EXT EXT				B06 B06	
52678 52606		XA450 XA448	57 57			XA448	57			16B	9							EXT EXT				B06 B06	
50830 50824		XA450 XA448	58 58			XA448	58			16B	9							EXT EXT				B06 B06	
52810 52747		XA451 XA449	57 57			XA449	57			16B	9							EXT EXT				B06 B06	

RECOMMENDED CHANGES TO EQUIPMENT TECHNICAL PUBLICATIONS



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

SOMETHING WRONG WITH PUBLICATION

FROM: (PRINT YOUR UNIT'S COMPLETE ADDRESS)

DATE SENT

PUBLICATION NUMBER

PUBLICATION DATE

PUBLICATION TITLE

BE EXACT PIN-POINT WHERE IT IS

PAGE NO.	PARA-GRAPH	FIGURE NO.	TABLE NO.
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IN THIS SPACE, TELL WHAT IS WRONG AND WHAT SHOULD BE DONE ABOUT IT.

TEAR ALONG PERFORATED LINE

PRINTED NAME, GRADE OR TITLE AND TELEPHONE NUMBER

SIGN HERE

