

TECHNICAL MANUAL

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

**AUTOMATIC DATA PROCESSING
ASSEMBLIES**

DEPARTMENTS OF THE ARMY, NAVY, AND AIR FORCE

22 SEPTEMBER 1983



5

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

1

DO NOT TRY TO PULL OR GRAB THE INDIVIDUAL

2

IF POSSIBLE, TURN OFF THE ELECTRICAL POWER

3

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

4

SEND FOR HELP AS SOON AS POSSIBLE

5

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

WARNING

HIGH VOLTAGE

is used in the operation of this equipment.

DEATH ON CONTACT

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

WARNING

USE OF CLEANING SOLVENT

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

INSERT LATEST CHANGED PAGES. DESTROY SUPERSEDED PAGES.

LIST Of EFFECTIVE PAGES -

Dates of issue for original and changed pages are:

Original . . 0 . .

TOTAL NUMBER OF PAGES IN THIS PUBLICATION IS 455 CONSISTING Of THE FOLLOWING:

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Zero In this column indicates an original page,

b

**TM 11-5895-856-34-14
EE640-CA-MMI-140/E154 CPU
TO 31W2-2T-122-14**

TECHNICAL MANUAL
NO. 11 -5895-856-34-14
TECHNICAL MANUAL
EE640-CA-MMI-140/E154 CPU
TECHNICAL ORDER
TO 31W2-2T-122-14

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, ATTIC 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 ALCJMST.

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 14 TM 11 -5895-856-34-14

Card Cage Assembly "A", Interface Control Unit- R.H., Wire List, Connector (149016-880)

This volume is part of a 24-volume set covering the direct support and general support maintenance of the automatic data processing assemblies. This volume contains the connector wire list for the right-hand card cage assembly "A" of the interface control unit, drawing number 149016-880. Refer to volume 1 of this series (TM 11-5895-85634-1) for an explanation of how to use this wire list as well as other lists contained in the set.

NOTE

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

1. Find the applicable wire run list in the table of contents and note the applicable drawing number.
2. Look through the pages of the volume until you find the particular crowing 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 ore looking for within this particular wire run list.

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

**CARD CAGE ASSEMBLY "A", INTERFACE CONTROL UNIT
- RIGHT HAND
CONNECTOR WIRE LIST
149016-880**

NOTES: UNLESS OTHERWISE SPECIFIED

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

H78 STRING AND CONNECTOR LIST, DEFINITION OF FIELDS

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

Drawing No.
149016-880
Rev. E, sheet 2

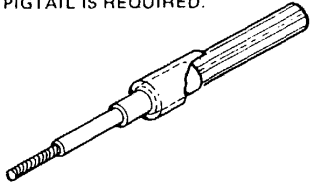
H78 STRING AND CONNECTOR LIST, DEFINITION OF FIELDS- Continued

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

Drawing No.
149016-880
Rev. E, sheet 3

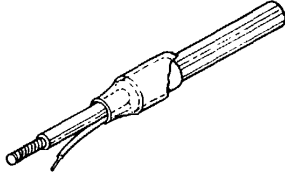
SHIELD FIGURE A

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



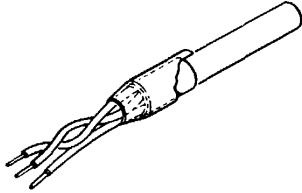
SHIELD FIGURE B

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



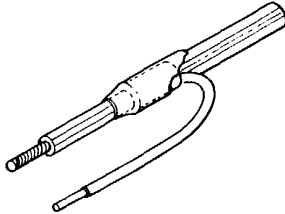
SHIELD FIGURE G

SHIELDED CABLE TERMINATION WITH DRAIN WIRE



SHIELD FIGURE C

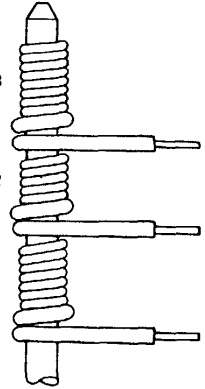
SHIELD TERMINATION FOR SHIELDED, SINGLE AND MULTIPLE CONDUCTORS, A REAR PIGTAIL IS REQUIRED.



SHIELD FIGURE NO. 3

SHIELD FIGURE NO. 2

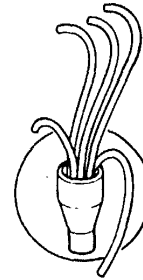
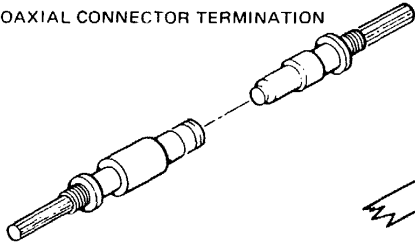
SHIELD FIGURE NO. 1



SHIELD FIGURE NUMBER INDICATES LEVEL OF WIRE WRAP

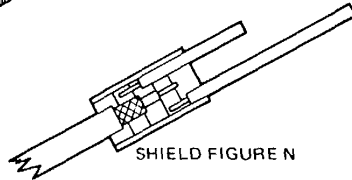
SHIELD FIGURE Z

COAXIAL CONNECTOR TERMINATION



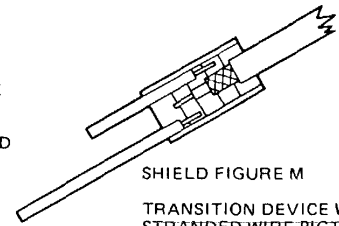
SHIELD FIGURE X

SHIELDED WIRE PIGTAILS--HYBRID



SHIELD FIGURE N

TRANSITION DEVICE WITH SOLID WIRE PIGTAILS



SHIELD FIGURE M

TRANSITION DEVICE WITH STRANDED WIRE PIGTAILS

RECORD NUMBER	FROM			TO			WIRE				SIGNAL	SEQ NO	EQUATION	TERM	FACTOR	CKT OR CHIP TYPE	GROUP	LOAD OR POWER PLANE	TEST POINTS AND OR	SIGNAL DESCRIPTION	ECO NO
	PREFIX	CONNECTOR	PIN	PREFIX	CONNECTOR	PIN	SH FTG	MULTI GROUP	CODE	COLOR											
64595		J01	A1									SPP	01			EX9					
64596		J01	A2									SPP	01			EX9					
64597		J01	A3									SPP	01			EX9					
64923		J01	A4		XA148	79			180	9		WIFCON	01			EX9					
64598		J01	A5									SPP	01			EX9					
64599		J01	A6									SPP	01			EX9					
63950		J01	B1									+5V	01			EX9					
63971		J01	B1		J01	D1			180	2		+5VL01	01			EX9					
64004		J01	B2									GND	01			EX9					
63951		J01	B3									+5V	01			EX9					
63973		J01	B3		J01	F3			180	2		+5VL02	01			EX9					
64005		J01	B4									GND	01			EX9					
63952		J01	B5									+5V	01			EX9					
64006		J01	B6									GND	01			EX9					
64007		J01	C1									GND	01			EX9					
63953		J01	C2									+5V	01			EX9					
63975		J01	C2		J01	F1			180	2		+5VL04	01			EX9					
64008		J01	C3									GND	01			EX9					
63954		J01	C4									+5V	01			EX9					
63977		J01	C4		J01	E4			180	2		+5VL05	01			EX9					
64009		J01	C5									GND	01			EX9					
63955		J01	C6									+5V	01			EX9					
63979		J01	C6		J01	E6			180	2		+5VL06	01			EX9					
63972		J01	D1									+5VL01	02			EX9					
64010		J01	D2									GND	01			EX9					
63956		J01	D3									+5V	01			EX9					
63981		J01	D3		J01	N2			180	2		+5VL08	01			EX9					
64011		J01	D4									GND	01			EX9					
63957		J01	D5									+5V	01			EX9					
63983		J01	D5		J01	F5			180	2		+5VL09	01			EX9					
65525		J01	D6									GND	01			EX9					A02
64171		J01	E2		XA148	65			168	9		KCIFLT	01			EX9					
64012		J01	E3									GND	01			EX9					
63978		J01	E4									+5VL05	02			EX9					
64013		J01	E5									GND	01			EX9					
63980		J01	E6									+5VL06	02			EX9					
63976		J01	F1									+5VL04	02			EX9					
64014		J01	F2									GND	01			EX9					
63974		J01	F3									+5VL02	02			EX9					
64015		J01	F4									GND	01			EX9					
63984		J01	F5									+5VL09	02			EX9					
64016		J01	F6									GND	01			EX9					
64600		J01	H1									SPP	01			EX9					
64601		J01	H2									SPP	01			EX9					
64602		J01	H5									GND	01			EX9					A02
64603		J01	H6									SPP	01			EX9					
64604		J01	J1									SPP	01			EX9					
64605		J01	K1									SPP	01			EX9					
64606		J01	K2									GND	01			EX9					A02
64607		J01	K5									SPP	01			EX9					
CONNECTOR (J01) CONTINUED ON THE NEXT PAGE ****																					

RECORD NUMBER	FROM			TO			WIRE				SIGNAL	SEQ NO	EQUATION	TERM	FACTOR	CKT OR CHIP TYPE	LOAD OR POWER PLANE	TEST POINTS AND OR	SIGNAL DESCRIPTION	FCO NO
	PREFIX	CONNECTOR	PIN	PREFIX	CONNECTOR	PIN	ES	MULTI GROUP	CODE	COLOR										
64608		J01	K6									SPP	01			EX9				
64153		J01	L1		J01	L3			180	0		GNDL1L3	01			EX9				
64609		J01	L2									SPP	01			EX9				
64017		J01	L3									GND	01			EX9				
64154		J01	L3									GNDL1L3	02			EX9				
63987		J01	L4		XA146	13			16B	9		DDIFC	01			EX9				B02
63946		J01	L5		XA148	62		AA	1E0	0		+5AUXG	01			EX9				B02
64018		J01	L5									GND	01			EX9				
63945		J01	L6		XA148	61		AA	1E0	2		+5AUX	01			EX9				B02
64321		J01	M2		XA146	40			16B	9		LORIF	01			EX9				
64610		J01	M3									SPP	01			EX9				
64611		J01	M4									GND	01			EX9				A02
64612		J01	M5									SPP	01			EX9				
64613		J01	M6									SPP	01			EX9				
64614		J01	N1									SPP	01			EX9				
63982		J01	N2									+5VLO8	02			EX9				
64019		J01	N3									GND	01			EX9				
64615		J01	N4									SPP	01			EX9				
64616		J01	N5									SPP	01			EX9				
64617		J01	N6									SPP	01			EX9				
64618		J01	P1									SPP	01			EX9				
64619		J01	P2									SPP	01			EX9				
64620		J01	P3									SPP	01			EX9				
64621		J01	P4									GND	01			EX9				A02
64622		J01	P5									SPP	01			EX9				
64623		J01	P6									SPP	01			EX9				
64624		J01	R1									SPP	01			EX9				
64625		J01	R2									SPP	01			EX9				
64626		J01	R3									SPP	01			EX9				
64627		J01	R4									SPP	01			EX9				
64628		J01	R5									GND	01			EX9				A02
64629		J01	R6									SPP	01			EX9				
64630		J01	S1									SPP	01			EX9				
64631		J01	S2									GND	01			EX9				A02
64632		J01	S3									SPP	01			EX9				
64633		J01	S4									SPP	01			EX9				
64634		J01	S5									SPP	01			EX9				
64635		J01	S6									GND	01			EX9				A02
62582		XA101	01									SPP	01							
60250		XA101	02									GND	01							
62583		XA101	03									SPP	01							
62584		XA101	04									SPP	01							
62585		XA101	05									SPP	01							
62586		XA101	06									SPP	01							
62587		XA101	07									SPP	01							
62588		XA101	08									SPP	01							
62589		XA101	09									SPP	01							
62590		XA101	10									SPP	01							
CONNECTOR XA101 CONTINUED ON THE NEXT PAGE ****																				

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DATA SYSTEMS DIVISION
LITTON SYSTEMS INC.
LITTON INDUSTRIES

DRAWING NUMBER 149016-880

CONNECTOR

UNIT ASSEMBLY NO. 149016

REV. E

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XA101

UNIT ASSEMBLY NAME CARD CAGE ASSY, A, IFCU

FILE IDENT T39C1FC6

DATE 09-03-82

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RECORD NUMBER	FROM			TO			WIRE				SIGNAL	SEQ NO	EQUATION	TERM	FACTOR	CKT OR CHIP TYPE	GROUP	LOAD OP POWER PLANE	TEST POINTS		SIGNAL DESCRIPTION	ECO NO
	PREFIX	CONNECTOR	PIN	PREFIX	CONNECTOR	PIN	MULTI GROUP	CODE	COLOR	IDENT									AND	OR		
62591		XA101	11								SPP	01										
60017		XA101	12								+5V	01										
62592		XA101	13								SPP	01										
62593		XA101	14								SPP	01										
62594		XA101	15								SPP	01										
60251		XA101	16								GND	01										
62595		XA101	17								SPP	01										
62596		XA101	18								SPP	01										
62597		XA101	19								SPP	01										
62598		XA101	20								SPP	01										
62599		XA101	21								SPP	01										
62600		XA101	22								SPP	01										
62601		XA101	23								SPP	01										
62602		XA101	24								SPP	01										
62603		XA101	25								SPP	01										
62604		XA101	26								SPP	01										
62605		XA101	27								SPP	01										
60018		XA101	28								SPP	01										
62606		XA101	29								SPP	01										
62607		XA101	30								SPP	01										
62608		XA101	31								SPP	01										
60252		XA101	32								GND	01										
62609		XA101	33								SPP	01										
62610		XA101	34								SPP	01										
62611		XA101	35								SPP	01										
62612		XA101	36								SPP	01										
62613		XA101	37								SPP	01										
62614		XA101	38								SPP	01										
62615		XA101	39								SPP	01										
62616		XA101	40								SPP	01										
62617		XA101	41								SPP	01										
62618		XA101	42								SPP	01										
62619		XA101	43								SPP	01										
60253		XA101	44								GND	01										
62620		XA101	45								SPP	01										
62621		XA101	46								SPP	01										
62622		XA101	47								SPP	01										
62623		XA101	48								SPP	01										
62624		XA101	49								SPP	01										
62625		XA101	50								SPP	01										
62626		XA101	51								SPP	01										
62627		XA101	52								SPP	01										
62628		XA101	53								SPP	01										
62629		XA101	54								SPP	01										
62630		XA101	55								SPP	01										
62631		XA101	56								SPP	01										
62632		XA101	57								SPP	01										
60254		XA101	58								GND	01										
62633		XA101	59								SPP	01										
62634		XA101	60								SPP	01										
CONNECTOR XA101 CONTINUED ON THE NEXT PAGE ***																						

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DATA SYSTEMS DIVISION
LITTON SYSTEMS INC.
LITTON INDUSTRIES

DRAWING NUMBER 149016-880

CONNECTOR

UNIT ASSEMBLY NO. 149016

REV. E

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XA101

UNIT ASSEMBLY NAME CARD CAGE ASSY, A, IFCU

FILE IDENT

T39C1FC6

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RECORD NUMBER	FROM				TO				WIRE				SIGNAL	SEQ NO	EQUATION	TERM	FACTOR	CKT OR CHIP TYPE	GROUP	LOAD OR POWER PLANE	TEST POINTS		SIGNAL DESCRIPTION	ECO NO	
	PREFIX	CONNECTOR	PIN	TYPE	PREFIX	CONNECTOR	PIN	TYPE	MULTI GROUP	CODE	COLOR	IDENT									SPC INST	AND			OR
62635		XA101	61										SPP	01											
62636		XA101	62										SPP	01											
62637		XA101	63										SPP	01											
62638		XA101	64										SPP	01											
62639		XA101	65										SPP	01											
62640		XA101	66										SPP	01											
60255		XA101	67										GND	01											
62641		XA101	68										SPP	01											
62642		XA101	69										SPP	01											
62643		XA101	70										SPP	01											
62644		XA101	71										SPP	01											
62645		XA101	72										SPP	01											
62646		XA101	73										SPP	01											
62647		XA101	74										SPP	01											
62648		XA101	75										SPP	01											
62649		XA101	76										SPP	01											
62650		XA101	77										SPP	01											
62651		XA101	78										SPP	01											
62652		XA101	79										SPP	01											
62653		XA101	80										SPP	01											
62654		XA102	01										SPP	01											
60256		XA102	02										GND	01											
62655		XA102	03										SPP	01											
62656		XA102	04										SPP	01											
62657		XA102	05										SPP	01											
62658		XA102	06										SPP	01											
62659		XA102	07										SPP	01											
62660		XA102	08										SPP	01											
62661		XA102	09										SPP	01											
62662		XA102	10										SPP	01											
62663		XA102	11										SPP	01											
60019		XA102	12										+5V	01											
62664		XA102	13										SPP	01											
62665		XA102	14										SPP	01											
62666		XA102	15										SPP	01											
60257		XA102	16										GND	01											
62667		XA102	17										SPP	01											
62668		XA102	18										SPP	01											
62669		XA102	19										SPP	01											
62670		XA102	20										SPP	01											
62671		XA102	21										SPP	01											
62672		XA102	22										SPP	01											
62673		XA102	23										SPP	01											
62674		XA102	24										SPP	01											
62675		XA102	25										SPP	01											
62676		XA102	26										SPP	01											
62677		XA102	27										SPP	01											
60020		XA102	28										+5V	01											
CONNECTOR		XA102	CONTINUED ON THE NEXT PAGE ****																						

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DATA SYSTEMS DIVISION
LITTON SYSTEMS INC.
LITTON INDUSTRIES

DRAWING NUMBER 149016-880

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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											
62678		XA102	29										SPP	01									
62679		XA102	30										SPP	01									
62680		XA102	31										SPP	01									
60258		XA102	32										GND	01									
62681		XA102	33										SPP	01									
62682		XA102	34										SPP	01									
62683		XA102	35										SPP	01									
62684		XA102	36										SPP	01									
62685		XA102	37										SPP	01									
62686		XA102	38										SPP	01									
62687		XA102	39										SPP	01									
62688		XA102	40										SPP	01									
62689		XA102	41										SPP	01									
62690		XA102	42										SPP	01									
62691		XA102	43										SPP	01									
60259		XA102	44										GND	01									
62692		XA102	45										SPP	01									
62693		XA102	46										SPP	01									
62694		XA102	47										SPP	01									
62695		XA102	48										SPP	01									
62696		XA102	49										SPP	01									
62697		XA102	50										SPP	01									
62698		XA102	51										SPP	01									
62699		XA102	52										SPP	01									
62700		XA102	53										SPP	01									
62701		XA102	54										SPP	01									
62702		XA102	55										SPP	01									
62703		XA102	56										SPP	01									
62704		XA102	57										SPP	01									
60260		XA102	58										GND	01									
62705		XA102	59										SPP	01									
62706		XA102	60										SPP	01									
62707		XA102	61										SPP	01									
62708		XA102	62										SPP	01									
62709		XA102	63										SPP	01									
62710		XA102	64										SPP	01									
62711		XA102	65										SPP	01									
62712		XA102	66										SPP	01									
60261		XA102	67										GND	01									
62713		XA102	68										SPP	01									
62714		XA102	69										SPP	01									
62715		XA102	70										SPP	01									
62716		XA102	71										SPP	01									
62717		XA102	72										SPP	01									
62718		XA102	73										SPP	01									
62719		XA102	74										SPP	01									
62720		XA102	75										SPP	01									
62721		XA102	76										SPP	01									
62722		XA102	77										SPP	01									
62723		XA102	78										SPP	01									
CONNECTOR		XA102	CONTINUED ON THE NEXT PAGE ****																				

RECORD OR NUMBER	FROM			TO			WIRE				SIGNAL	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	PIN	CONNECTOR	PIH	MULTI GROUP	CODE	COLOR	IDENT											
62724		XA102	79								SPP	01									
62725		XA102	80								SPP	01									
62726		XA103	01								SPP	01									
60262		XA103	02								GND	01									
62727		XA103	03								SPP	01									
62728		XA103	04								SPP	01									
62729		XA103	05								SPP	01									
62730		XA103	06								SPP	01									
62731		XA103	07								SPP	01									
62732		XA103	08								SPP	01									
62733		XA103	09								SPP	01									
62734		XA103	10								SPP	01									
62735		XA103	11								SPP	01									
60021		XA103	12								+5V	01									
62736		XA103	13								SPP	01									
62737		XA103	14								SPP	01									
62738		XA103	15								SPP	01									
60263		XA103	16								GND	01									
62739		XA103	17								SPP	01									
62740		XA103	18								SPP	01									
62741		XA103	19								SPP	01									
62742		XA103	20								SPP	01									
62743		XA103	21								SPP	01									
62744		XA103	22								SPP	01									
62745		XA103	23								SPP	01									
62746		XA103	24								SPP	01									
62747		XA103	25								SPP	01									
62748		XA103	26								SPP	01									
62749		XA103	27								SPP	01									
60022		XA103	28								+5V	01									
62750		XA103	29								SPP	01									
62751		XA103	30								SPP	01									
62752		XA103	31								SPP	01									
60264		XA103	32								GND	01									
62753		XA103	33								SPP	01									
62754		XA103	34								SPP	01									
62755		XA103	35								SPP	01									
62756		XA103	36								SPP	01									
62757		XA103	37								SPP	01									
62758		XA103	38								SPP	01									
62759		XA103	39								SPP	01									
62760		XA103	40								SPP	01									
62761		XA103	41								SPP	01									
62762		XA103	42								SPP	01									
62763		XA103	43								SPP	01									
60265		XA103	44								GND	01									
62764		XA103	45								SPP	01									
62765		XA103	46								SPP	01									
CONNECTOR		XA103	CONTINUED ON THE NEXT PAGE ***																		

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LITTON SYSTEMS INC.
LITTON INDUSTRIES

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RECORD NUMBER	FROM			TO								SFC INST MISC	SIGNAL	SEQ NO	EQUATION	TERM	FACTOR	CKT OR CHIP TYPE	GROUP	LOAD OR POWER PLANE	TEST POINTS AND OR	SIGNAL DESCRIPTION	ECO NO
	PREFIX	CONNECTOR	PIN	PIN	CONNECTOR	PIN	SIZE	MULTI GROUP	CODE	COLOR	IDENT												
62766		XA103	47									SPP	01										
62767		XA103	48									SPP	01										
62768		XA103	49									SPP	01										
62769		XA103	50									SPP	01										
62770		XA103	51									SPP	01										
62771		XA103	52									SPP	01										
62772		XA103	53									SPP	01										
62773		XA103	54									SPP	01										
62774		XA103	55									SPP	01										
62775		XA103	56									SPP	01										
62776		XA103	57									SPP	01										
60266		XA103	58									GND	01										
62777		XA103	59									SPP	01										
62778		XA103	60									SPP	01										
62779		XA103	61									SPP	01										
62780		XA103	62									SPP	01										
62781		XA103	63									SPP	01										
62782		XA103	64									SPP	01										
62783		XA103	65									SPP	01										
62784		XA103	66									SPP	01										
60267		XA103	67									GND	01										
62785		XA103	68									SPP	01										
62786		XA103	69									SPP	01										
62787		XA103	70									SPP	01										
62788		XA103	71									SPP	01										
62789		XA103	72									SPP	01										
62790		XA103	73									SPP	01										
62791		XA103	74									SPP	01										
62792		XA103	75									SPP	01										
62793		XA103	76									SPP	01										
62794		XA103	77									SPP	01										
62795		XA103	78									SPP	01										
62796		XA103	79									SPP	01										
62797		XA103	80									SPP	01										
62798		XA104	01									SPP	01										
60268		XA104	02									GND	01										
62799		XA104	03									SPP	01										
62800		XA104	04									SPP	01										
62801		XA104	05									SPP	01										
62802		XA104	06									SPP	01										
62803		XA104	07									SPP	01										
62804		XA104	08									SPP	01										
62805		XA104	09									SPP	01										
62806		XA104	10									SPP	01										
62807		XA104	11									SPP	01										
60023		XA104	12									+5V	01										
62808		XA104	13									SPP	01										
62809		XA104	14									SPP	01										
	CONNECTOR	XA104	CONTINUED ON THE NEXT PAGE ***																				

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RECORD NUMBER	FROM			TO			WIRE				SIGNAL	SEQ NO	EQUATION	TERM	FACTOR	CKT OR CHIP TYPE	GROUP	LOAD OR POWER PLANE	TEST POINTS AND OR	SIGNAL DESCRIPTION	ECO NO
	PREFIX	CONNECTOR	PIK	PREFIX	CONNECTOR	PIK	MULTI GROUP	CODE	COLOR	IDENT											
62810		XA104	15								SPP	01									
60269		XA104	16								GND	01									
62811		XA104	17								SPP	01									
62812		XA104	18								SPP	01									
62813		XA104	19								SPP	01									
62814		XA104	20								SPP	01									
62815		XA104	21								SPP	01									
62816		XA104	22								SPP	01									
62817		XA104	23								SPP	01									
62818		XA104	24								SPP	01									
62819		XA104	25								SPP	01									
62820		XA104	26								SPP	01									
62821		XA104	27								SPP	01									
60024		XA104	28								+5V	01									
62822		XA104	29								SPP	01									
62823		XA104	30								SPP	01									
62824		XA104	31								SPP	01									
60270		XA104	32								GND	01									
62825		XA104	33								SPP	01									
62826		XA104	34								SPP	01									
62827		XA104	35								SPP	01									
62828		XA104	36								SPP	01									
62829		XA104	37								SPP	01									
62830		XA104	38								SPP	01									
62831		XA104	39								SPP	01									
62832		XA104	40								SPP	01									
62833		XA104	41								SPP	01									
62834		XA104	42								SPP	01									
62835		XA104	43								SPP	01									
60271		XA104	44								GND	01									
62836		XA104	45								SPP	01									
62837		XA104	46								SPP	01									
62838		XA104	47								SPP	01									
62839		XA104	48								SPP	01									
62840		XA104	49								SPP	01									
62841		XA104	50								SPP	01									
62842		XA104	51								SPP	01									
62843		XA104	52								SPP	01									
62844		XA104	53								SPP	01									
62845		XA104	54								SPP	01									
62846		XA104	55								SPP	01									
62847		XA104	56								SPP	01									
62848		XA104	57								SPP	01									
60272		XA104	58								GND	01									
62849		XA104	59								SPP	01									
62850		XA104	60								SPP	01									
62851		XA104	61								SPP	01									
62852		XA104	62								SPP	01									
62853		XA104	63								SPP	01									
62854		XA104	64								SPP	01									
CONNECTOR (XA104) CONTINUED ON THE NEXT PAGE ****																					

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RECORD NUMBER	FROM			TO			WIRE					SIGNAL	SEQ NO	EQUATION	TERM	FACTOR	CKT OR CHIP TYPE	GROUP	LOAD OR POWER PLANE	TEST POINTS AND OR	SIGNAL DESCRIPTION	ECO NO
	PREFIX	CONNECTOR	PIN	PIN	CONNECTOR	PIN	TYPE	MULTI GROUP	CODE	COLOR	IDENT											
62955		XA104	65									SPP	01									
62856		XA104	66									SPP	01									
60273		XA104	67									GND	01									
62857		XA104	68									SPP	01									
62858		XA104	69									SPP	01									
62859		XA104	70									SPP	01									
62860		XA104	71									SPP	01									
62861		XA104	72									SPP	01									
62862		XA104	73									SPP	01									
62863		XA104	74									SPP	01									
62864		XA104	75									SPP	01									
62865		XA104	76									SPP	01									
62866		XA104	77									SPP	01									
62867		XA104	78									SPP	01									
62868		XA104	79									SPP	01									
62869		XA104	80									SPP	01									
62870		XA105	01									SPP	01									
60274		XA105	02									GND	01									
62871		XA105	03									SPP	01									
62872		XA105	04									SPP	01									
62873		XA105	05									SPP	01									
62874		XA105	06									SPP	01									
62875		XA105	07									SPP	01									
62876		XA105	08									SPP	01									
62877		XA105	09									SPP	01									
62878		XA105	10									SPP	01									
62879		XA105	11									SPP	01									
60025		XA105	12									+5V	01									
62880		XA105	13									SPP	01									
62881		XA105	14									SPP	01									
62882		XA105	15									SPP	01									
60275		XA105	16									GND	01									
62883		XA105	17									SPP	01									
62884		XA105	18									SPP	01									
62885		XA105	19									SPP	01									
62886		XA105	20									SPP	01									
62887		XA105	21									SPP	01									
62888		XA105	22									SPP	01									
62889		XA105	23									SPP	01									
62890		XA105	24									SPP	01									
62891		XA105	25									SPP	01									
62892		XA105	26									SPP	01									
62893		XA105	27									SPP	01									
60026		XA105	28									+5V	01									
62894		XA105	29									SPP	01									
62895		XA105	30									SPP	01									
62896		XA105	31									SPP	01									
60276		XA105	32									GND	01									
	CONNECTOR	XA105	CONTINUED ON THE NEXT PAGE ****																			

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RECORD NUMBER	FROM				TO				WIRE				SIGNAL	SEQ NO	EQUATION	TERM	FACTOR	CKT OR CHIP TYPE	GROUP	LOAD OR POWER PLANE	TEST POINTS AND OR	SIGNAL DESCRIPTION	FCO NO	
	PREFIX	CONNECTOR	PIN	SH / G	PREFIX	CONNECTOR	PIN	SH / G	MULTI GROUP	CODE	COLOR	IDENT												SPEC. INST. WIRE
62897		XA105	33										SPP	01										
62898		XA105	34										SPP	01										
62899		XA105	35										SPP	01										
62900		XA105	36										SPP	01										
62901		XA105	37										SPP	01										
62902		XA105	38										SPP	01										
62903		XA105	39										SPP	01										
62904		XA105	40										SPP	01										
62905		XA105	41										SPP	01										
62906		XA105	42										SPP	01										
62907		XA105	43										SPP	01										
60277		XA105	44										GND	01										
62908		XA105	45										SPP	01										
62909		XA105	46										SPP	01										
62910		XA105	47										SPP	01										
62911		XA105	48										SPP	01										
62912		XA105	49										SPP	01										
62913		XA105	50										SPP	01										
62914		XA105	51										SPP	01										
62915		XA105	52										SPP	01										
62916		XA105	53										SPP	01										
62917		XA105	54										SPP	01										
62918		XA105	55										SPP	01										
62919		XA105	56										SPP	01										
62920		XA105	57										SPP	01										
60278		XA105	58										GND	01										
62921		XA105	59										SPP	01										
62922		XA105	60										SPP	01										
62923		XA105	61										SPP	01										
62924		XA105	62										SPP	01										
62925		XA105	63										SPP	01										
62926		XA105	64										SPP	01										
62927		XA105	65										SPP	01										
62928		XA105	66										SPP	01										
60279		XA105	67										GND	01										
62929		XA105	68										SPP	01										
62930		XA105	69										SPP	01										
62931		XA105	70										SPP	01										
62932		XA105	71										SPP	01										
62933		XA105	72										SPP	01										
62934		XA105	73										SPP	01										
62935		XA105	74										SPP	01										
62936		XA105	75										SPP	01										
62937		XA105	76										SPP	01										
62938		XA105	77										SPP	01										
62939		XA105	78										SPP	01										
62940		XA105	79										SPP	01										
62941		XA105	80										SPP	01										

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LITTON SYSTEMS INC.
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RECORD OR NUMBER	FROM				TO				WIRE				SIGNAL	SEQ NO	EQUATION	TERM	FACTOR	CKT OR CHIP TYPE	GROUP	LOAD OR POWER PLANE	TEST POINTS AND/OR	SIGNAL DESCRIPTION	ECO NO
	PREFIX	CONNECTOR	PIN	USE	PREFIX	CONNECTOR	PIN	USE	MULTI GROUP	CODE	COLOR	IDENT											
62942		XA106	01										SPP	01									
60280		XA106	02										GND	01									
62943		XA106	03										SPP	01									
62944		XA106	04										SPP	01									
62945		XA106	05										SPP	01									
62946		XA106	06										SPP	01									
62947		XA106	07										SPP	01									
62948		XA106	08										SPP	01									
62949		XA106	09										SPP	01									
62950		XA106	10										SPP	01									
62951		XA106	11										SPP	01									
60027		XA106	12										+5V	01									
62952		XA106	13										SPP	01									
62953		XA106	14										SPP	01									
62954		XA106	15										SPP	01									
60281		XA106	16										GND	01									
62955		XA106	17										SPP	01									
62956		XA106	18										SPP	01									
62957		XA106	19										SPP	01									
62958		XA106	20										SPP	01									
62959		XA106	21										SPP	01									
62960		XA106	22										SPP	01									
62961		XA106	23										SPP	01									
62962		XA106	24										SPP	01									
62963		XA106	25										SPP	01									
62964		XA106	26										SPP	01									
62965		XA106	27										SPP	01									
60028		XA106	28										+5V	01									
62966		XA106	29										SPP	01									
62967		XA106	30										SPP	01									
62968		XA106	31										SPP	01									
60282		XA106	32										GND	01									
62969		XA106	33										SPP	01									
62970		XA106	34										SPP	01									
62971		XA106	35										SPP	01									
62972		XA106	36										SPP	01									
62973		XA106	37										SPP	01									
62974		XA106	38										SPP	01									
62975		XA106	39										SPP	01									
62976		XA106	40										SPP	01									
62977		XA106	41										SPP	01									
62978		XA106	42										SPP	01									
62979		XA106	43										SPP	01									
60283		XA106	44										GND	01									
62980		XA106	45										SPP	01									
62981		XA106	46										SPP	01									
62982		XA106	47										SPP	01									
62983		XA106	48										SPP	01									
62984		XA106	49										SPP	01									
62985		XA106	50										SPP	01									
CONNECTOR		XA106	CONTINUED ON THE NEXT PAGE ***																				

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RECORD NUMBER	FROM				TO				WIRE				SIGNAL	SEQ NO	EQUATION	TERM	FACTOR	CKT OR CHIP TYPE	GROUP	LOAD OR POWER PLANE	TEST POINTS		SIGNAL DESCRIPTION	ECO NO	
	PREFIX	CONNECTOR	PIN	WIRE	PREFIX	CONNECTOR	PIN	WIRE	MULTI GROUP	CODE	COLOR	IDENT									SPEC. INST. MISC	AND			OR
62986		XA106	51										SPP	01											
62987		XA106	52										SPP	01											
62988		XA106	53										SPP	01											
62989		XA106	54										SPP	01											
62990		XA106	55										SPP	01											
62991		XA106	56										SPP	01											
62992		XA106	57										SPP	01											
60284		XA106	58										GND	01											
62993		XA106	59										SPP	01											
62994		XA106	60										SPP	01											
62995		XA106	61										SPP	01											
62996		XA106	62										SPP	01											
62997		XA106	63										SPP	01											
62998		XA106	64										SPP	01											
62999		XA106	65										SPP	01											
63000		XA106	66										SPP	01											
60285		XA106	67										GND	01											
63001		XA106	68										SPP	01											
63002		XA106	69										SPP	01											
63003		XA106	70										SPP	01											
63004		XA106	71										SPP	01											
63005		XA106	72										SPP	01											
63006		XA106	73										SPP	01											
63007		XA106	74										SPP	01											
63008		XA106	75										SPP	01											
63009		XA106	76										SPP	01											
63010		XA106	77										SPP	01											
63011		XA106	78										SPP	01											
63012		XA106	79										SPP	01											
63013		XA106	80										SPP	01											
63014		XA107	01										SPP	01											
60286		XA107	02										GND	01											
63015		XA107	03										SPP	01											
63016		XA107	04										SPP	01											
63017		XA107	05										SPP	01											
63018		XA107	06										SPP	01											
63019		XA107	07										SPP	01											
63020		XA107	08										SPP	01											
63021		XA107	09										SPP	01											
63022		XA107	10										SPP	01											
63023		XA107	11										SPP	01											
60029		XA107	12										+5V	01											
63024		XA107	13										SPP	01											
63025		XA107	14										SPP	01											
63026		XA107	15										SPP	01											
60287		XA107	16										GND	01											
63027		XA107	17										SPP	01											
63028		XA107	18										SPP	01											
CONNECTOR		XA107	CONTINUED ON THE NEXT PAGE ****																						

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RECORD NUMBER	FROM				TO				WIRE				SIGNAL	SEQ NO	EQUATION	TERM	FACTOR	CKT OR CHIP TYPE	GROUP	LOAD OR POWER PLANE	TEST POINTS AND OR	SIGNAL DESCRIPTION	ECO NO	
	PREFIX	CONNECTOR	PIN	SH. PG.	PREFIX	CONNECTOR	PIN	SH. PG.	MULTI GROUP	CODE	COLOR	IDENT												SPEC. INST. MISC.
63029	XA107		19										SPP	01										
63030	XA107		20										SPP	01										
63031	XA107		21										SPP	01										
63032	XA107		22										SPP	01										
63033	XA107		23										SPP	01										
63034	XA107		24										SPP	01										
63035	XA107		25										SPP	01										
63036	XA107		26										SPP	01										
63037	XA107		27										SPP	01										
60030	XA107		28										+5V	01										
63038	XA107		29										SPP	01										
63039	XA107		30										SPP	01										
63040	XA107		31										SPP	01										
60288	XA107		32										GND	01										
63041	XA107		33										SPP	01										
63042	XA107		34										SPP	01										
63043	XA107		35										SPP	01										
63044	XA107		36										SPP	01										
63045	XA107		37										SPP	01										
63046	XA107		38										SPP	01										
63047	XA107		39										SPP	01										
63048	XA107		40										SPP	01										
63049	XA107		41										SPP	01										
63050	XA107		42										SPP	01										
63051	XA107		43										SPP	01										
60289	XA107		44										GND	01										
63052	XA107		45										SPP	01										
63053	XA107		46										SPP	01										
63054	XA107		47										SPP	01										
63055	XA107		48										SPP	01										
63056	XA107		49										SPP	01										
63057	XA107		50										SPP	01										
63058	XA107		51										SPP	01										
63059	XA107		52										SPP	01										
63060	XA107		53										SPP	01										
63061	XA107		54										SPP	01										
63062	XA107		55										SPP	01										
63063	XA107		56										SPP	01										
63064	XA107		57										SPP	01										
60290	XA107		58										GND	01										
63065	XA107		59										SPP	01										
63066	XA107		60										SPP	01										
63067	XA107		61										SPP	01										
63068	XA107		62										SPP	01										
63069	XA107		63										SPP	01										
63070	XA107		64										SPP	01										
63071	XA107		65										SPP	01										
63072	XA107		66										SPP	01										
60291	XA107		67										GND	01										
63073	XA107		68										SPP	01										
CONNECTOR XA107 CONTINUED ON THE NEXT PAGE ***																								

RECORD NUMBER	FROM			TO									SIGNAL	SEQ NO	EQUATION	TERM	PKTS	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													
63074		XA107	69									SPP	01										
63075		XA107	70									SPP	01										
63076		XA107	71									SPP	01										
63077		XA107	72									SPP	01										
63078		XA107	73									SPP	01										
63079		XA107	74									SPP	01										
63080		XA107	75									SPP	01										
63081		XA107	76									SPP	01										
63082		XA107	77									SPP	01										
63083		XA107	78									SPP	01										
63084		XA107	79									SPP	01										
63085		XA107	80									SPP	01										
63086		XA108	01									SPP	01										
60292		XA108	02									GND	01										
63087		XA108	03									SPP	01										
63088		XA108	04									SPP	01										
63089		XA108	05									SPP	01										
63090		XA108	06									SPP	01										
63091		XA108	07									SPP	01										
63092		XA108	08									SPP	01										
63093		XA108	09									SPP	01										
63094		XA108	10									SPP	01										
63095		XA108	11									SPP	01										
60031		XA108	12									+5V	01										
63096		XA108	13									SPP	01										
63097		XA108	14									SPP	01										
63098		XA108	15									SPP	01										
60293		XA108	16									GND	01										
63099		XA108	17									SPP	01										
63100		XA108	18									SPP	01										
63101		XA108	19									SPP	01										
63102		XA108	20									SPP	01										
63103		XA108	21									SPP	01										
63104		XA108	22									SPP	01										
63105		XA108	23									SPP	01										
63106		XA108	24									SPP	01										
63107		XA108	25									SPP	01										
63108		XA108	26									SPP	01										
63109		XA108	27									SPP	01										
60032		XA108	28									+5V	01										
63110		XA108	29									SPP	01										
63111		XA108	30									SPP	01										
63112		XA108	31									SPP	01										
60294		XA108	32									GND	01										
63113		XA108	33									SPP	01										
63114		XA108	34									SPP	01										
63115		XA108	35									SPP	01										
63116		XA108	36									SPP	01										
CONNECTOR		XA108	CONTINUED ON THE NEXT PAGE ***																				

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RECORD NUMBER	FROM			TO			WIRE				SIGNAL	SEQ NO	EQUATION	TERM	FACTOR	CKT OR CHIP TYPE	GROUP	LOAD OR POWER PLANE	TEST POINTS AND OR	SIGNAL DESCRIPTION	ECO NO
	PREFIX	CONNECTOR	PIN	PREFIX	CONNECTOR	PIN	U	MULTI GROUP	CODE	COLOR											
63117		XA108	37									SPP	01								
63118		XA108	38									SPP	01								
63119		XA108	39									SPP	01								
63120		XA108	40									SPP	01								
63121		XA108	41									SPP	01								
63122		XA108	42									SPP	01								
63123		XA108	43									SPP	01								
60295		XA108	44									GND	01								
63124		XA108	45									SPP	01								
63125		XA108	46									SPP	01								
63126		XA108	47									SPP	01								
63127		XA108	48									SPP	01								
63128		XA108	49									SPP	01								
63129		XA108	50									SPP	01								
63130		XA108	51									SPP	01								
63131		XA108	52									SPP	01								
63132		XA108	53									SPP	01								
63133		XA108	54									SPP	01								
63134		XA108	55									SPP	01								
63135		XA108	56									SPP	01								
63136		XA108	57									SPP	01								
60296		XA108	58									GND	01								
63137		XA108	59									SPP	01								
63138		XA108	60									SPP	01								
63139		XA108	61									SPP	01								
63140		XA108	62									SPP	01								
63141		XA108	63									SPP	01								
63142		XA108	64									SPP	01								
63143		XA108	65									SPP	01								
63144		XA108	66									SPP	01								
60297		XA108	67									GND	01								
63145		XA108	68									SPP	01								
63146		XA108	69									SPP	01								
63147		XA108	70									SPP	01								
63148		XA108	71									SPP	01								
63149		XA108	72									SPP	01								
63150		XA108	73									SPP	01								
63151		XA108	74									SPP	01								
63152		XA108	75									SPP	01								
63153		XA108	76									SPP	01								
63154		XA108	77									SPP	01								
63155		XA108	78									SPP	01								
63156		XA108	79									SPP	01								
63157		XA108	80									SPP	01								
63158		XA109	01									SPP	01								
60298		XA109	02									GND	01								
63159		XA109	03									SPP	01								
63160		XA109	04									SPP	01								
	CONNECTOR	XA109	CONTINUED ON THE NEXT PAGE ****																		

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RECORD NUMBER	FROM				TO								SIGNAL	SEQ NO	EQUATION	TERM	FACTOR	CKT OR CHIP TYPE	GROUP	LOAD OR POWER PLANE	TEST POINTS AND OR	SIGNAL DESCRIPTION	ECO NO
	PREFIX	CONNECTOR	PIN	CHAR	PREFIX	CONNECTOR	PIN	CHAR	MULTI GROUP	CODE	COLOR	IDENT											
63161		XA109	05										SPP	01									
63162		XA109	06										SPP	01									
63163		XA109	07										SPP	01									
63164		XA109	08										SPP	01									
63165		XA109	09										SPP	01									
63166		XA109	10										SPP	01									
63167		XA109	11										SPP	01									
60033		XA109	12										+5V	01									
63168		XA109	13										SPP	01									
63169		XA109	14										SPP	01									
63170		XA109	15										SPP	01									
60299		XA109	16										GND	01									
63171		XA109	17										SPP	01									
63172		XA109	18										SPP	01									
63173		XA109	19										SPP	01									
63174		XA109	20										SPP	01									
63175		XA109	21										SPP	01									
63176		XA109	22										SPP	01									
63177		XA109	23										SPP	01									
63178		XA109	24										SPP	01									
63179		XA109	25										SPP	01									
63180		XA109	26										SPP	01									
63181		XA109	27										SPP	01									
60034		XA109	28										+5V	01									
63182		XA109	29										SPP	01									
63183		XA109	30										SPP	01									
63184		XA109	31										SPP	01									
60300		XA109	32										GND	01									
63185		XA109	33										SPP	01									
63186		XA109	34										SPP	01									
63187		XA109	35										SPP	01									
63188		XA109	36										SPP	01									
63189		XA109	37										SPP	01									
63190		XA109	38										SPP	01									
63191		XA109	39										SPP	01									
63192		XA109	40										SPP	01									
63193		XA109	41										SPP	01									
63194		XA109	42										SPP	01									
63195		XA109	43										SPP	01									
60301		XA109	44										GND	01									
63196		XA109	45										SPP	01									
63197		XA109	46										SPP	01									
63198		XA109	47										SPP	01									
63199		XA109	48										SPP	01									
63200		XA109	49										SPP	01									
63201		XA109	50										SPP	01									
63202		XA109	51										SPP	01									
63203		XA109	52										SPP	01									
63204		XA109	53										SPP	01									
63205		XA109	54										SPP	01									
CONNECTOR	XA109	CONTINUED ON THE NEXT PAGE ***																					

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	PREFIX	CONNECTOR	PIN	PREFIX	CONNECTOR	PIN	SH L	MULTI GROUP	CODE	COLOR	IDENT											
63206		XA109	55										SPP	01								
63207		XA109	56										SPP	01								
63208		XA109	57										SPP	01								
60302		XA109	58										GND	01								
63209		XA109	59										SPP	01								
63210		XA109	60										SPP	01								
63211		XA109	61										SPP	01								
63212		XA109	62										SPP	01								
63213		XA109	63										SPP	01								
63214		XA109	64										SPP	01								
63215		XA109	65										SPP	01								
63216		XA109	66										SPP	01								
60303		XA109	67										GND	01								
63217		XA109	68										SPP	01								
63218		XA109	69										SPP	01								
63219		XA109	70										SPP	01								
63220		XA109	71										SPP	01								
63221		XA109	72										SPP	01								
63222		XA109	73										SPP	01								
63223		XA109	74										SPP	01								
63224		XA109	75										SPP	01								
63225		XA109	76										SPP	01								
63226		XA109	77										SPP	01								
63227		XA109	78										SPP	01								
63228		XA109	79										SPP	01								
63229		XA109	80										SPP	01								
63230		XA110	01										SPP	01								
60304		XA110	02										GND	01								
63231		XA110	03										SPP	01								
63232		XA110	04										SPP	01								
63233		XA110	05										SPP	01								
63234		XA110	06										SPP	01								
63235		XA110	07										SPP	01								
63236		XA110	08										SPP	01								
63237		XA110	09										SPP	01								
63238		XA110	10										SPP	01								
63239		XA110	11										SPP	01								
60035		XA110	12										+5V	01								
63240		XA110	13										SPP	01								
63241		XA110	14										SPP	01								
63242		XA110	15										SPP	01								
60305		XA110	16										GND	01								
63243		XA110	17										SPP	01								
63244		XA110	18										SPP	01								
63245		XA110	19										SPP	01								
63246		XA110	20										SPP	01								
63247		XA110	21										SPP	01								
63248		XA110	22										SPP	01								
CONNECTOR XA110 CONTINUED ON THE NEXT PAGE ****																						

RECORD NUMBER	FROM				TO				WIRE				SIGNAL	SEQ 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												
63249		XA110	23										SPP	01										
63250		XA110	24										SPP	01										
63251		XA110	25										SPP	01										
63252		XA110	26										SPP	01										
63253		XA110	27										SPP	01										
60036		XA110	28										+5V	01										
63254		XA110	29										SPP	01										
63255		XA110	30										SPP	01										
63256		XA110	31										SPP	01										
60306		XA110	32										GND	01										
63257		XA110	33										SPP	01										
63258		XA110	34										SPP	01										
63259		XA110	35										SPP	01										
63260		XA110	36										SPP	01										
63261		XA110	37										SPP	01										
63262		XA110	38										SPP	01										
63263		XA110	39										SPP	01										
63264		XA110	40										SPP	01										
63265		XA110	41										SPP	01										
63266		XA110	42										SPP	01										
63267		XA110	43										SPP	01										
60307		XA110	44										GND	01										
63268		XA110	45										SPP	01										
63269		XA110	46										SPP	01										
63270		XA110	47										SPP	01										
63271		XA110	48										SPP	01										
63272		XA110	49										SPP	01										
63273		XA110	50										SPP	01										
63274		XA110	51										SPP	01										
63275		XA110	52										SPP	01										
63276		XA110	53										SPP	01										
63277		XA110	54										SPP	01										
63278		XA110	55										SPP	01										
63279		XA110	56										SPP	01										
63280		XA110	57										SPP	01										
60308		XA110	58										GND	01										
63281		XA110	59										SPP	01										
63282		XA110	60										SPP	01										
63283		XA110	61										SPP	01										
63284		XA110	62										SPP	01										
63285		XA110	63										SPP	01										
63286		XA110	64										SPP	01										
63287		XA110	65										SPP	01										
63288		XA110	66										SPP	01										
60309		XA110	67										GND	01										
63289		XA110	68										SPP	01										
63290		XA110	69										SPP	01										
63291		XA110	70										SPP	01										
63292		XA110	71										SPP	01										
63293		XA110	72										SPP	01										
CONNECTOR	XA110	CONTINUED ON THE NEXT PAGE ***																						

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DATA SYSTEMS DIVISION
LITTON SYSTEMS INC.
LITTON INDUSTRIES

DRAWING NUMBER 149016-880

CONNECTOR

UNIT ASSEMBLY NO. 149016

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XA110

UNIT ASSEMBLY NAME CARD CAGE ASSY, A, IFCU

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RECORD NUMBER	FROM			TO			WIRE					SIGNAL	SEQ NO	EQUATION	TERM	FACTOR	CKT OR CHIP TYPE	GROUP	LOAD OR POWER PLANE	TEST POINTS AND OR	SIGNAL DESCRIPTION	ECO NO
	PREFIX	CONNECTOR	PIN	PREFIX	CONNECTOR	PIN	MULTI GROUP	CODE	COLOR	IDENT												
63294		XA110	73									SPP	01									
63295		XA110	74									SPP	01									
63296		XA110	75									SPP	01									
63297		XA110	76									SPP	01									
63298		XA110	77									SPP	01									
63299		XA110	78									SPP	01									
63300		XA110	79									SPP	01									
63301		XA110	80									SPP	01									
63302		XA111	01									SPP	01									
60310		XA111	02									GND	01									
63303		XA111	03									SPP	01									
63304		XA111	04									SPP	01									
63305		XA111	05									SPP	01									
63306		XA111	06									SPP	01									
63307		XA111	07									SPP	01									
63308		XA111	08									SPP	01									
63309		XA111	09									SPP	01									
63310		XA111	10									SPP	01									
63311		XA111	11									SPP	01									
60037		XA111	12									+5V	01									
63312		XA111	13									SPP	01									
63313		XA111	14									SPP	01									
63314		XA111	15									SPP	01									
60311		XA111	16									GND	01									
63315		XA111	17									SPP	01									
63316		XA111	18									SPP	01									
63317		XA111	19									SPP	01									
63318		XA111	20									SPP	01									
63319		XA111	21									SPP	01									
63320		XA111	22									SPP	01									
63321		XA111	23									SPP	01									
63322		XA111	24									SPP	01									
63323		XA111	25									SPP	01									
63324		XA111	26									SPP	01									
63325		XA111	27									SPP	01									
60038		XA111	28									+5V	01									
63326		XA111	29									SPP	01									
63327		XA111	30									SPP	01									
63328		XA111	31									SPP	01									
60312		XA111	32									GND	01									
63329		XA111	33									SPP	01									
63330		XA111	34									SPP	01									
63331		XA111	35									SPP	01									
63332		XA111	36									SPP	01									
63333		XA111	37									SPP	01									
63334		XA111	38									SPP	01									
63335		XA111	39									SPP	01									
63336		XA111	40									SPP	01									
CONNECTOR XA111 CONTINUED ON THE NEXT PAGE ***																						

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DATA SYSTEMS DIVISION
LITTON SYSTEMS INC.
LITTON INDUSTRIES

DRAWING NUMBER 149016-880

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XA111

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RECORD NUMBER	FROM				TO				WIRE				SIGNAL	SEQ NO	EQUATION	TERM	FACTOR	CKT OR CHIP TYPE	GROUP	LOAD OR POWER PLANE	TEST POINTS AND OR	SIGNAL DESCRIPTION	ECO NO	
	PREFIX	CONNECTOR	PIN	INFO	PREFIX	CONNECTOR	PIN	INFO	MULTI GROUP	CODE	COLOR	IDENT												PLC INST MISC
63337		XA111	41										SPP	01										
63338		XA111	42										SPP	01										
63339		XA111	43										SPP	01										
60313		XA111	44										GND	01										
63340		XA111	45										SPP	01										
63341		XA111	46										SPP	01										
63342		XA111	47										SPP	01										
63343		XA111	48										SPP	01										
63344		XA111	49										SPP	01										
63345		XA111	50										SPP	01										
63346		XA111	51										SPP	01										
63347		XA111	52										SPP	01										
63348		XA111	53										SPP	01										
63349		XA111	54										SPP	01										
63350		XA111	55										SPP	01										
63351		XA111	56										SPP	01										
63352		XA111	57										SPP	01										
60314		XA111	58										GND	01										
63353		XA111	59										SPP	01										
63354		XA111	60										SPP	01										
63355		XA111	61										SPP	01										
63356		XA111	62										SPP	01										
63357		XA111	63										SPP	01										
63358		XA111	64										SPP	01										
63359		XA111	65										SPP	01										
63360		XA111	66										SPP	01										
60315		XA111	67										GND	01										
63361		XA111	68										SPP	01										
63362		XA111	69										SPP	01										
63363		XA111	70										SPP	01										
63364		XA111	71										SPP	01										
63365		XA111	72										SPP	01										
63366		XA111	73										SPP	01										
63367		XA111	74										SPP	01										
63368		XA111	75										SPP	01										
63369		XA111	76										SPP	01										
63370		XA111	77										SPP	01										
63371		XA111	78										SPP	01										
63372		XA111	79										SPP	01										
63373		XA111	80										SPP	01										
63374		XA112	01										SPP	01										
60316		XA112	02										GND	01										
63375		XA112	03										SPP	01										
63376		XA112	04										SPP	01										
63377		XA112	05										SPP	01										
63378		XA112	06										SPP	01										
63379		XA112	07										SPP	01										
63380		XA112	08										SPP	01										
CONNECTOR		XA112	CONTINUED ON THE NEXT PAGE ****																					

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LITTON INDUSTRIES

DRAWING NUMBER 149016-880

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RECORD NUMBER	FROM			TO			WIRE					SIGNAL	SEQ NO	EQUATION	TERM	FACTOR	CKT OR CHIP TYPE	GROUP	LOAD OR POWER PLANE	TEST POINTS AND OR	SIGNAL DESCRIPTION	ECO NO
	PREFIX	CONNECTOR	PIN	PREFIX	CONNECTOR	PIN	WIRE NO	MULTI GROUP	CODE	COLOR	IDENT											
63381		XA112	09									SPP	01									
63382		XA112	10									SPP	01									
63383		XA112	11									SPP	01									
60039		XA112	12									+5V	01									
63384		XA112	13									SPP	01									
63385		XA112	14									SPP	01									
63386		XA112	15									SPP	01									
60317		XA112	16									GND	01									
63387		XA112	17									SPP	01									
63388		XA112	18									SPP	01									
63389		XA112	19									SPP	01									
63390		XA112	20									SPP	01									
63391		XA112	21									SPP	01									
63392		XA112	22									SPP	01									
63393		XA112	23									SPP	01									
63394		XA112	24									SPP	01									
63395		XA112	25									SPP	01									
63396		XA112	26									SPP	01									
63397		XA112	27									SPP	01									
60040		XA112	28									+5V	01									
63398		XA112	29									SPP	01									
63399		XA112	30									SPP	01									
63400		XA112	31									SPP	01									
60318		XA112	32									GND	01									
63401		XA112	33									SPP	01									
63402		XA112	34									SPP	01									
63403		XA112	35									SPP	01									
63404		XA112	36									SPP	01									
63405		XA112	37									SPP	01									
63406		XA112	38									SPP	01									
63407		XA112	39									SPP	01									
63408		XA112	40									SPP	01									
63409		XA112	41									SPP	01									
63410		XA112	42									SPP	01									
63411		XA112	43									SPP	01									
60319		XA112	44									GND	01									
63412		XA112	45									SPP	01									
63413		XA112	46									SPP	01									
63414		XA112	47									SPP	01									
63415		XA112	48									SPP	01									
63416		XA112	49									SPP	01									
63417		XA112	50									SPP	01									
63418		XA112	51									SPP	01									
63419		XA112	52									SPP	01									
63420		XA112	53									SPP	01									
63421		XA112	54									SPP	01									
63422		XA112	55									SPP	01									
63423		XA112	56									SPP	01									
63424		XA112	57									SPP	01									
60320		XA112	58									GND	01									
CONNECTOR XA112 CONTINUED ON THE NEXT PAGE ***																						

RECORD NUMBER	FROM				TO				WIRE				SIGNAL	SEQ 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										
63425		XA112	59										SPP	01								
63426		XA112	60										SPP	01								
63427		XA112	61										SPP	01								
63428		XA112	62										SPP	01								
63429		XA112	63										SPP	01								
63430		XA112	64										SPP	01								
63431		XA112	65										SPP	01								
63432		XA112	66										SPP	01								
60321		XA112	67										GND	01								
63433		XA112	68										SPP	01								
63434		XA112	69										SPP	01								
63435		XA112	70										SPP	01								
63436		XA112	71										SPP	01								
63437		XA112	72										SPP	01								
63438		XA112	73										SPP	01								
63439		XA112	74										SPP	01								
63440		XA112	75										SPP	01								
63441		XA112	76										SPP	01								
63442		XA112	77										SPP	01								
63443		XA112	78										SPP	01								
63444		XA112	79										SPP	01								
63445		XA112	80										SPP	01								
61036		XA113	01			XA113	18			16B	9		KK1290	01	KAEBRA	01	1	TS8	A1		02B	
60322		XA113	02									GND	01								01A	
60118		XA113	03									DNW	01									
60970		XA113	04			XA122	01			16B	9		KK08C0	02	KAEBRA	01	2	TS8	A1		04A	
60951		XA113	05			XA113	20			16B	9		KK04F0	01	KAEBRA	01	3	TS8	A1		03B	
60927		XA113	06									KK03F0	02	KAEBRA	01	4	TS8	A1			05A	
61410		XA113	07			XA113	37			16B	9		KXCP3B	25	KAEBRA	01	5	TS8	A1		03A	
62161		XA113	08			XA114	13			16B	9		SPI0011	23	KAEBRA	01	6	TS8	A1		06A	
60119		XA113	09									DNW	01									
62207		XA113	10			XA116	15			16B	9		SPI0031	01	KAEBRA	01	7	TS8	A1		07A	
60567		XA113	11									KAEBRA	02	KAEBRA	00	1	TS8	A1			05B	RESET OUTPUT COMMA
60041		XA113	12									+5V	01									
62190		XA113	13			XA113	25			16B	9		SPI0021	15	KAEBRA	01	8	TS8	A1		06B	
60613		XA113	14			XA120	38			16B	9		KAEOBS	01	KAOERA	01	1	TS8	B1		09A	
60120		XA113	15									DNW	01									
60323		XA113	16									GND	01								21B	
60121		XA113	17									DNW	01									
61037		XA113	18			XA113	34			16B	9		KK1290	02	KAOERA	01	2	TS8	B1		10A	
60969		XA113	19			XA113	04			16B	9		KK08C0	01	KAOERA	01	3	TS8	B1		09B	
60952		XA113	20			XA123	15			16B	9		KK04F0	02	KAOERA	01	4	TS8	B1		11A	
60122		XA113	21									DNW	01									
60923		XA113	22			XA119	01			16B	9		KK03E0	01	KAOERA	01	5	TS8	B1		12A	
60647		XA113	23									KAOERA	02	KAOERA	00	1	TS8	B1			11B	RESET AUTO OUTPUT
61409		XA113	24			XA113	07			16B	9		KXCP3B	24	KAOERA	01	6	TS8	B1		13A	
62191		XA113	25			XA113	38			16B	9		SPI0021	16	KAOERA	01	7	TS8	B1		12B	
62163		XA113	26			XA114	26			16B	9		SPI0011	25	KAOERA	01	8	TS8	B1		14A	
CONNECTOR	XA113	CONTINUED ON THE NEXT PAGE ***																				

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	WIRE NO	PREFIX	CONNECTOR	PIN	WIRE NO	MULTI GROUP	CODE	COLOR	IDENT											
60123		XA113	27										DNW	01			TS8						
60042		XA113	28										+5V	01			TS8						
60124		XA113	29										DNW	01			TS8						
60758		XA113	30			XA115	37			168	9		KDOUTQ	06	KAENZA	01	1	TS8	C1		15A		
60643		XA113	31			XA115	38			168	9		KAENS	04	KAENZA	01	2	TS8	C1		15B		
60324		XA113	32										GND	01			TS8				27A		
60125		XA113	33										DNW	01			TS8						
61038		XA113	34			XA114	73			168	9		KK1290	03	KAENZA	01	3	TS8	C1		16A		
60587		XA113	35			XA124	48			168	9		KAENZA	01	KAENZA	00	1	TS8	C1		17B		
60891		XA113	36			XA121	70			168	9		KKPE00	01	KAENZA	01	4	TS8	C1		17A		
61411		XA113	37			XA114	40			168	9		KXCP38	26	KAENZA	01	5	TS8	C1		18B	D02	
62192		XA113	38			XA113	77			168	9		SPI0021	17	KAENZA	01	6	TS8	C1		18A	E02	
60126		XA113	39										DNW	01			TS8						
62169		XA113	40			XA113	56			168	9		SPI0011	31	KAENZA	01	7	TS8	C1		19A		
60127		XA113	41										DNW	01			TS8						
62220		XA113	42			XA113	78			168	9		SPI0031	14	KAENZA	01	8	TS8	C1		20A	E02	
61465		XA113	43			XA135	38			168	9		KXDVSS	02	KXDV3A	01	1	TS8	D1		23B		
60325		XA113	44										GND	01			TS8				40A		
60128		XA113	45										DNW	01			TS8						
61942		XA113	46			XA131	31			168	9		KXX820	02	KXDV3A	01	2	TS8	D1		21A		
61481		XA113	47			XA115	72			168	9		KXDV3A	02	KXDV3A	00	1	TS8	D1		25B	START END INPUTT A01	
61853		XA113	48			XA114	05			168	9		KXXA0P	01	KXDV3A	01	3	TS8	D1		22A		
61872		XA113	49										KXXA1Q	08	KXDV3A	01	4	TS8	D1		26B		
60815		XA113	50										KENINO	02	KXDV3A	01	5	TS8	D1		23A		
60129		XA113	51										DNW	01			TS8						
61703		XA113	52			XA114	08			168	9		KXROPA	01	KXDV3A	01	6	TS8	D1		24A		
60130		XA113	53										DNW	01			TS8						
61477		XA113	54										KXDV2A	02	KXDV3A	01	7	TS8	D1		25A		
62171		XA113	55			XA130	76			168	9		KD00BP	01	KNULLA	01	1	TS8	E1		29B	E05	
62170		XA113	56			XA115	49			168	9		SPI0011	32	KXDV3A	01	8	TS8	D1		26A	E02	
60131		XA113	57										DNW	01			TS8						
60326		XA113	58										GND	01			TS8						
63735		XA113	59			XA115	42			168	9		KNULLA	01	KNULLA	00	1	TS8	E1		31B	E02	
62221		XA113	60			XA114	46			168	9		KD01BP	00	KNULLA	01	2	TS8	E1		28A	E02	
62193		XA113	61			XA114	48			168	9		KD02BP	00	KNULLA	01	3	TS8	E1		32B	E02	
62278		XA113	62			XA114	49			168	9		KD03BP	00	KNULLA	01	4	TS8	E1		29A	E02	
60132		XA113	63										DNW	01			TS8						
62251		XA113	64			XA114	50			168	9		KD04BP	00	KNULLA	01	5	TS8	E1		30A	E02	
60133		XA113	65										DNW	01			TS8						
62301		XA113	66			XA116	41			168	9		KD05BP	00	KNULLA	01	6	TS8	E1		31A	E02	
60327		XA113	67										GND	01			TS8						
62290		XA113	68			XA116	39			168	9		KD06BP	00	KNULLA	01	7	TS8	E1		32A	E02	
60134		XA113	69										DNW	01			TS8						
62302		XA113	70			XA116	37			168	9		KD07BP	00	KNULLA	01	8	TS8	E1		33A	E02	
61100		XA113	71			XA132	74			168	9		KSC11A	01	KINT10	01	1	TS8	F1		36A		
60820		XA113	72			XA118	29			168	9		KETX1A	01	KINT10	01	2	TS8	F1		34A		
60634		XA113	73										KAIERA	04	KINT10	01	3	TS8	F1		36B		
61082		XA113	74										KPINTA	02	KINT10	01	4	TS8	F1		35B		
62140		XA113	75			XA114	78			168	9		SPI0011	02	KINT10	01	5	TS8	F1		37B		
60874		XA113	76										KINT10	03	KINT10	00	1	TS8	F1		37A	END OF DEV COMMAND	
CONNECTOR XA113 CONTINUED ON THE NEXT PAGE ****																							

RECORD NUMBER	FROM			TO			WIRE				SIGNAL	SEQ NO	EQUATION	TERM	FACTS	CKT OP CHIP TYPE	GROUP	LOAD OR POWER PLANE	TEST POINTS AND/OR	SIGNAL DESCRIPTION	ECO NO
	PREFIX	CONNECTOR	PIN	PREFIX	CONNECTOR	PIN	DATA	MULTI GROUP	CODE	COLOR											
62194		XA113	77		XA114	77			168	9		SPI0021	19	KINT10	01	6	TS8	F1		38B	
62222		XA113	78		XA114	79			168	9		SPI0031	16	KINT10	01	7	TS8	F1		38A	
62250		XA113	79		XA115	70			168	9		SPI0041	12	KINT10	01	8	TS8	F1		39B	E02
60135		XA113	80									DNW	01				TS8				
61464		XA114	01		XA113	43			168	9		KXDVSS	01	KXSS0A	01	1	TS8	A1		02B	
60328		XA114	02									GND	01				TS8			01A	
60136		XA114	03									DNW	01				TS8				
61941		XA114	04		XA113	46			168	9		KXXB20	01	KXSS0A	01	2	TS8	A1		04A	
61854		XA114	05		XA129	11			168	9		KXXA0P	02	KXSS0A	01	3	TS8	A1		03B	
61871		XA114	06		XA113	49			168	9		KXXA10	07	KXSS0A	01	4	TS8	A1		05A	
61792		XA114	07		XA127	46			168	9		KXSS0T	01	KXSS0A	01	5	TS8	A1		03A	
61704		XA114	08		XA125	13			168	9		KXROPA	02	KXSS0A	01	6	TS8	A1		06A	
60137		XA114	09									DNW	01				TS8				
62189		XA114	10		XA113	13			168	9		SPI0021	14	KXSS0A	01	7	TS8	A1		07A	
61795		XA114	11		XA131	18			168	9		KXSS0A	02	KXSS0A	00	1	TS8	A1		05B	SOFTWARE STOP COMMA
60043		XA114	12									+5V	01				TS8				
62162		XA114	13		XA113	26			168	9		SPI0011	24	KXSS0A	01	8	TS8	A1		06B	
60667		XA114	14		XA114	30			168	9		KDAINQ	01	KDP7RA	01	1	TS8	B1		09A	A01
60138		XA114	15									DNW	01				TS8				
60329		XA114	16									GND	01				TS8			21B	
60139		XA114	17									DNW	01				TS8				
60619		XA114	18		XA114	31			168	9		KAIENS	01	KDP7RA	01	2	TS8	B1		10A	
60905		XA114	19		XA117	23			168	9		KKTCPP	08	KDP7RA	01	3	TS8	B1		09B	
60979		XA114	20		XA114	37			168	9		KK0870	01	KDP7RA	01	4	TS8	B1		11A	
60140		XA114	21									DNW	01				TS8				
60948		XA114	22									KK0485U	05	KDP7RA	01	5	TS8	B1		12A	
60720		XA114	23		XA124	57			168	9		KDP7RA	01	KDP7RA	00	1	TS8	B1		11B	RESET DATA REG ON
60997		XA114	24		XA119	22			168	9		KK1200	01	KDP7RA	01	6	TS8	B1		13A	
61408		XA114	25		XA113	24			168	9		KXCP3B	23	KDP7RA	01	7	TS8	B1		12B	
62164		XA114	26		XA116	29			168	9		SPI0011	26	KDP7RA	01	8	TS8	B1		14A	
60141		XA114	27									DNW	01				TS8				
60044		XA114	28									+5V	01				TS8				
60142		XA114	29									DNW	01				TS8				
60669		XA114	30		XA114	71			168	9		KDAINQ	03	KDP7SA	01	1	TS8	C1		15A	
60620		XA114	31		XA116	59			168	9		KAIENS	02	KDP7SA	01	2	TS8	C1		15B	A01
60330		XA114	32									GND	01				TS8			27A	
60143		XA114	33									DNW	01				TS8				
60831		XA114	34									KEYINO	02	KDP7SA	01	3	TS8	C1		16A	
60723		XA114	35									KDP7SA	02	KDP7SA	00	1	TS8	C1		17B	LOAD DATA REGISTER
60904		XA114	36		XA114	19			168	9		KKTCPP	07	KDP7SA	01	4	TS8	C1		17A	
60980		XA114	37		XA123	66			168	9		KK0870	02	KDP7SA	01	5	TS8	C1		18B	
60947		XA114	38		XA114	22			168	9		KK0485U	04	KDP7SA	01	6	TS8	C1		18A	
60144		XA114	39									DNW	01				TS8				
61412		XA114	40		XA114	64			168	9		KXCP3B	27	KDP7SA	01	7	TS8	C1		19A	
60145		XA114	41									DNW	01				TS8				
62168		XA114	42		XA113	40			168	9		SPI0011	30	KDP7SA	01	8	TS8	C1		20A	
60749		XA114	43		XA130	55			168	9		KDOPBQ	01	KETX0A	01	1	TS8	D1		23B	
60331		XA114	44									GND	01				TS8			40A	
CONNECTOR XA114 CONTINUED ON THE NEXT PAGE ****																					

RECORD NUMBER	FROM			TO			WIRE				SFC INST. MISC	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	PIN	PIN	WIRE	MULTI-GROUP	CODE	COLOR	IDENT												
60146		XA114	45									DNW	01				TS8					
60765		XA114	46		XA116	50		168	9			KD01BP	01	KETX0A	01	2	TS8	D1		21A		
60817		XA114	47									KETX0A	02	KETX0A	00	1	TS8	D1		25B	EXT CHARACTER IS	
60772		XA114	48		XA116	47		168	9			KD02BP	01	KETX0A	01	3	TS8	D1		22A		
60779		XA114	49		XA116	45		168	9			KD03BP	01	KETX0A	01	4	TS8	D1		26B		
60786		XA114	50		XA116	43		168	9			KD04BP	01	KETX0A	01	5	TS8	D1		23A		
60147		XA114	51									DNW	01				TS8					
60794		XA114	52		XA128	57		168	9			KD05BP	02	KETX0A	01	6	TS8	D1		24A		
60148		XA114	53									DNW	01				TS8					
60802		XA114	54		XA116	70		168	9			KD06BQ	01	KETX0A	01	7	TS8	D1		25A		
61107		XA114	55		XA123	09		168	9			KSNC0S	01	KSNC0A	01	1	TS8	E1		29B		
60811		XA114	56									KD07BQ	03	KETX0A	01	8	TS8	D1		26A		
60149		XA114	57									DNW	01				TS8					
60332		XA114	58									GND	01				TS8					
61103		XA114	59									KSNC0A	02	KSNC0A	00	1	TS8	E1		31B		
61124		XA114	60									KSNC2R	03	KSNC0A	01	2	TS8	E1		28A		
60653		XA114	61		XA123	17		168	9			KBUSYR	01	KSNC0A	01	3	TS8	E1		32B		
60871		XA114	62									KINT1A	04	KSNC0A	01	4	TS8	E1		29A		
60150		XA114	63									DNW	01				TS8					
61413		XA114	64		XA114	75		168	9			KXCP3B	28	KSNC0A	01	5	TS8	E1		30A		
60151		XA114	65									DNW	01				TS8					
62142		XA114	66		XA115	66		168	9			SPI0011	04	KSNC0A	01	6	TS8	F1		31A		
60333		XA114	67									GND	01				TS8					
62196		XA114	68		XA115	61		168	9			SPI0021	21	KSNC0A	01	7	TS8	E1		32A		
60152		XA114	69									DNW	01				TS8					
62224		XA114	70		XA115	68		168	9			SPI0031	18	KSNC0A	01	8	TS8	E1		33A		
60670		XA114	71		XA120	69		168	9			KDAINQ	04	KIEN0A	01	1	TS8	F1		36A		
60623		XA114	72		XA120	76		168	9			KAIENS	05	KIEN0A	01	2	TS8	F1		34A		
61039		XA114	73		XA121	68		168	9			KK1290	04	KIEN0A	01	3	TS8	F1		36B		
60892		XA114	74					168	9			KK08B3U	04	KIEN0A	01	4	TS8	F1		35B		D02
61414		XA114	75									KXCP3B	29	KIEN0A	01	5	TS8	F1		37B		
60842		XA114	76		XA123	56		168	9			KIEN0A	01	KIEN0A	00	1	TS8	E1		37A	START INPUT COUNTER	
62195		XA114	77		XA114	68		168	9			SPI0021	20	KIEN0A	01	6	TS8	F1		38B		
62141		XA114	78		XA114	66		168	9			SPI0011	03	KIEN0A	01	7	TS8	F1		38A		
62223		XA114	79		XA114	70		168	9			SPI0031	17	KIEN0A	01	8	TS8	F1		39B		
60153		XA114	80									DNW	01				TS8					
60943		XA115	01									KK04B4U	02	KK04FA	01	1	TD4	A2		02B		
60334		XA115	02									GND	01				TD4			01A		
60154		XA115	03									DNW	01				TD4					
60940		XA115	04		XA134	42		168	9			KK04B3U	01	KK04FA	01	2	TD4	A2		04A		
60939		XA115	05									KK04B2U	02	KK04FA	01	3	TD4	A2		03B		
60966		XA115	06									KK08B4U	02	KK08CA	01	1	TD4	A1		05A		
60936		XA115	07		XA134	38		168	9			KK04B1U	01	KK04FA	01	4	TD4	A2		03A		
60964		XA115	08		XA114	74		168	9			KK08B3U	03	KK08CA	01	2	TD4	A1		06A		D02
60950		XA115	09									KK04FA	02	KK04FA	00	1	TD4	A2		04B	KK04 STATE F	
60983		XA115	10									KK09QA	02	KK08CA	01	3	TD4	A1		07A		
60968		XA115	11									KK08CA	02	KK08CA	00	1	TD4	A1		05B	KK08 STATE C	
60045		XA115	12									+5V	01				TD4					
CONNECTOR (XA115) CONTINUED ON THE NEXT PAGE ****																						

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DATA SYSTEMS DIVISION
LITTON SYSTEMS INC.
LITTON INDUSTRIES

DRAWING NUMBER 149016-880

CONNECTOR

UNIT ASSEMBLY NO. 149016

REV. E

INDEX

XA115

UNIT ASSEMBLY NAME CARD CAGE ASSY, A, IFCU

FILE IDENT T39C1FC6

DATE 09-03-82

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RECORD NUMBER	FROM				TO				WIRE				SPEC. MISC.	SIGNAL	SEQ NO	EQUATION	TERM	RATIO	CKT OR CHIP TYPE	PROP	LOAD OR POWER PLANE	TEST POINTS AND OR	SIGNAL DESCRIPTION	ECO NO
	PREFIX	CONNECTOR	PIN	USE	PREFIX	CONNECTOR	PIN	USE	MULTI GROUP	CODE	COLOR	IDENT												
60976		XA115	13										KK080A	02	KK08CA	01	4	T04	A1		08B			
61118		XA115	14										KSNC1S	04	KBSY0A	01	1	T04	B2		09A			
60155		XA115	15										DNW	01				T04						
60335		XA115	16										GND	01				T04			20B			
60156		XA115	17										DNW	01				T04						
62188		XA115	18		XA114	10			168	9		SPI0021	13	KBSY0A	01	2	T04	B2			10A			
61379		XA115	19									KXCP1B	23	KBSY0A	01	3	T04	B2			09B			
62174		XA115	20		XA144	37			168	9		SPI0011	36	KBSY0A	01	4	T04	B2			11A			
60649		XA115	21									KBSY0A	02	KBSY0A	00	1	T04	B2			10B	SET HARDWARE BUSY		
60757		XA115	22		XA113	30			168	9		KDOUO	05	KAEN0A	01	1	T04	B1			12A			
60572		XA115	23									KAEN0A	03	KAEN0A	00	1	T04	B1			11B	START OUTPUT COMND		
61130		XA115	24									KSNC2S	06	KAEN0A	01	2	T04	B1			13A			
60660		XA115	25									KBUSYS	04	KAEN0A	01	3	T04	B1			12B			
61407		XA115	26		XA114	25			168	9		KXCP3B	22	KAEN0A	01	4	T04	B1			14A			
60157		XA115	27									DNW	01					T04						
60046		XA115	28									+5V	01					T04						
60158		XA115	29									DNW	01					T04						
60668		XA115	30		XA120	03			168	9		SPI0021	04		01	1	T04	C2			15A	A01		
60621		XA115	31		XA120	24			168	9		SPI0031	07		01	2	T04	C2			15B	E01		
60336		XA115	32									GND	01					T04			21B			
60881		XA115	33									SPO	01		00	1	T04	C2			16B	A01		
60987		XA115	34									SPI0041	26		01	3	T04	C2			16A	A01		
61088		XA115	35									KPOUTA	02	KPOUTA	00	1	T04	C1			17B			
60902		XA115	36									SPI0051	16		01	4	T04	C2			17A	A01		
60759		XA115	37		XA119	59			168	9		KDOUO	07	KPOUTA	01	1	T04	C1			18B			
60644		XA115	38		XA116	53			168	9		KAENS	05	KPOUTA	01	2	T04	C1			18A			
60159		XA115	39									DNW	01					T04						
60903		XA115	40		XA114	36			168	9		KKTCCP	06	KPOUTA	01	3	T04	C1			19A			
60160		XA115	41									DNW	01					T04						
62167		XA115	42									KNULLA	02	KPOUTA	01	4	T04	C1			20A	E02		
62257		XA115	43		XA116	34			168	9		SPI0041	19		01	1	T04	D2			23B			
60337		XA115	44									GND	01					T04			27A			
63736		XA115	45									SPO	01		00	1	T04	D2			24B			
62219		XA115	46		XA113	42			168	9		SPI0031	13		01	2	T04	D2			21A			
63737		XA115	47									SPO	01		00	1	T04	D1			25B			
62199		XA115	48		XA115	52			168	9		SPI0021	24		01	3	T04	D2			22A			
62172		XA115	49		XA115	50			168	9		SPI0011	34		01	1	T04	D1			26B			
62173		XA115	50		XA115	20			168	9		SPI0011	35		01	4	T04	D2			23A			
60161		XA115	51									DNW	01					T04						
62200		XA115	52		XA117	53			168	9		SPI0021	25		01	2	T04	D1			24A			
60162		XA115	53									DNW	01					T04						
62255		XA115	54		XA115	55			168	9		SPI0041	17		01	3	T04	D1			25A			
62256		XA115	55		XA115	43			168	9		SPI0041	18		01	1	T04	E2			29B			
62227		XA115	56		XA117	52			168	9		SPI0031	21		01	4	T04	D1			26A			
63738		XA115	57									SPO	01		00	1	T04	E2			30B			
60338		XA115	58									GND	01					T04			40A			
63739		XA115	59									SPO	01		00	1	T04	E1			31B			
62144		XA115	60		XA117	62			168	9		SPI0011	06		01	2	T04	E2			28A			
62197		XA115	61		XA115	64			168	9		SPI0021	22		01	1	T04	E1			32B			
62226		XA115	62		XA115	56			168	9		SPI0031	20		01	3	T04	E2			29A			
CONNECTOR		XA115	CONTINUED ON THE NEXT PAGE ****																					

RECORD NUMBER	FROM				TO				WIRE				SIGNAL	SEQ 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											
60163		XA115	63										DNW	01				TD4					
62198		XA115	64		XA115	48			168	9			SPI0021	23		01	4	TD4	E2		30A		
60164		XA115	65										DNW	01				TD4					
62143		XA115	66		XA115	60			168	9			SPI0011	05		01	2	TD4	F1		31A		
60339		XA115	67										GND	01				TD4			40B		
62225		XA115	68		XA115	62			168	9			SPI0031	19		01	3	TD4	F1		32A		
61960		XA115	69										KXXC10	02	KXXC10	00	1	TD4	F2		35A	INDICATOR INPUT	
62252		XA115	70		XA118	51			168	9			SPI0041	14		01	4	TD4	F1		33A		
61141		XA115	71										KSYN1A	03	KXXC10	01	1	TD4	F2		36A		
61470		XA115	72										KXDV3A	03	KXXC10	01	2	TD4	F2		34A		A01
61794		XA115	73		XA114	11			168	9			KXSS0A	01	KXXC10	01	3	TD4	F2		36B		
62063		XA115	74		XA117	03			168	9			KX000A	01	KXXC10	01	4	TD4	F2		35B		
60581		XA115	75										KAEN1A	03	KXXRC0	01	1	TD4	F1		37B		
62032		XA115	76		XA124	45			168	9			KXXRC0	01	KXXRC0	00	1	TD4	F1		37A	IOU REQUEST OR GTF	
61056		XA115	77										KLPT1A	04	KXXRC0	01	2	TD4	F1		38B		
60855		XA115	78										KIEN1A	03	KXXRC0	01	3	TD4	F1		38A		
60878		XA115	79										KINT2A	04	KXXRC0	01	4	TD4	F1		39B		
60165		XA115	80										DNW	01				TD4					
60166		XA116	01										DNW	01				MUX					
60340		XA116	02										GND	01				MUX			01B		
62297		XA116	03		XA116	21			168	9			SPI0071	07		01	1	MUX	A1		02B		
63740		XA116	04										SPO	01		00	1	MUX	A1		02A		
62285		XA116	05		XA116	19			168	9			SPT0061	07		01	2	MUX	A1		03B		
63741		XA116	06										SPO	01		00	1	MUX	A2		03A		
62160		XA116	07		XA113	08			168	9			SPI0011	22		01	3	MUX	A1		04B		
62327		XA116	08										SPI0121	03		01	3	MUX	A2		04A		
62276		XA116	09		XA118	03			168	9			SPT0051	13		01	4	MUX	A1		05B		
62317		XA116	10		XA116	27			168	9			SPI0091	06		01	2	MUX	A2		05A		
62263		XA116	11		XA115	34			168	9			SPI0041	25		01	5	MUX	A1		06B		
60047		XA116	12										+5V	01				MUX			06A		
62321		XA116	13										SPI0101	03		01	4	MUX	A2		07A		
62322		XA116	14		XA116	26			168	9			SPI0111	01		01	1	MUX	A2		06A		
62208		XA116	15		XA117	06			168	9			SPI0031	02		01	6	MUX	A1		07B		
60341		XA116	16										GND	01				MUX			20B		
62187		XA116	17		XA115	18			168	9			SPI0021	12		01	8	MUX	A1		08B		
62306		XA116	18		XA144	62			168	9			SPI0081	05		01	7	MUX	A1		09A		
62286		XA116	19		XA117	29			168	9			SPI0061	08		01	1	MUX	B1		09B		
63742		XA116	20										SPO	01		00	1	MUX	B1		10A		
62298		XA116	21		XA117	50			168	9			SPI0071	08		01	2	MUX	B1		10B		
63743		XA116	22										SPO	01		00	1	MUX	B2		11A		
62305		XA116	23		XA116	18			168	9			SPI0081	04		01	3	MUX	B1		11B		
62326		XA116	24		XA116	08			168	9			SPI0121	02		01	3	MUX	B2		12A		
62186		XA116	25		XA116	17			168	9			SPI0021	11		01	4	MUX	B1		12B		
62323		XA116	26		XA144	53			168	9			SPI0111	02		01	2	MUX	B2		13A		
62318		XA116	27										SPI0091	07		01	1	MUX	B2		14A		
60048		XA116	28										+5V	01				MUX			08A		
62165		XA116	29		XA116	35			168	9			SPI0011	27		01	5	MUX	B1		13B		
62320		XA116	30		XA116	13			168	9			SPI0101	02		01	4	MUX	B2		15A		
CONNECTOR		XA116	CONTINUED ON THE NEXT PAGE ****																				

RECORD NUMBER	FROM				TO				WIRE				SIGNAL	SEQ 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											
62218		XA116	31			XA115	46						SPI0031	12		01	6	MUX	B1		14B		
60342		XA116	32										GND	01				MUX			27A		
62275		XA116	33			XA116	09						SPI0051	12		01	8	MUX	B1		16A		
62258		XA116	34			XA117	30						SPI0041	20		01	7	MUX	B1		15B		
62166		XA116	35			XA114	42						SPI0011	28	KPDTX1X	01	1	MUX	C1		16B		E02
61070		XA116	36										KPDTX1X	02	KPDTX1X	00	1	MUX	C1		17A	PARALLEL TO SERIAL	
60807		XA116	37			XA128	69						KD07BP	01	KPDTX1X	01	2	MUX	C1		17B		
63808		XA116	38										KPDTX2X	01	KPDTX2X	00	1	MUX	C2		18A		
60800		XA116	39			XA128	76						KD06BP	01	KPDTX1X	01	3	MUX	C1		18B		
60992		XA116	40										KK12B3U	03	KPDTX2X	01	3	MUX	C2		19A		
60793		XA116	41			XA114	52						KD05BP	01	KPDTX1X	01	4	MUX	C1		19B		
60987		XA116	42			XA134	56						KK12B2U	01	KPDTX2X	01	2	MUX	C2		20A		
60787		XA116	43			XA129	69						KD04BP	02	KPDTX1X	01	5	MUX	C1		22B		
60343		XA116	44										GND	01				MUX			40A		
60780		XA116	45			XA129	76						KD03BP	02	KPDTX1X	01	6	MUX	C1		23B		
60986		XA116	46										KK12B1U	03	KPDTX2X	01	1	MUX	C2		21A		
60773		XA116	47			XA129	57						KD02BP	02	KPDTX1X	01	7	MUX	C1		23A		
60993		XA116	48			XA119	41						KK12B4U	01	KPDTX2X	01	4	MUX	C2		22A		
61423		XA116	49										KXDBS0	03	KXDB0TA	01	4	MUX	D1		24B		
60766		XA116	50			XA130	69						KD01BP	02	KPDTX1X	01	8	MUX	C1		24A		
60763		XA116	51			XA130	78						KD00BQ	01	KXDB0TA	01	1	MUX	D1		25B		
61957		XA116	52			XA116	68						KMXCIB	03	KXDB0TA	01	3	MUX	D1		25A		
60645		XA116	53										KA0ENS	06	KXDB0TA	01	2	MUX	D1		26B		
60776		XA116	54										KD02BQ	02	KXDB0TC	01	1	MUX	D3		26A		
61425		XA116	55										KXDB0TA	02	KXDB0TA	00	1	MUX	D1		27B	INPUT DATA MUX BIT	
61079		XA116	56			XA118	37						KPE0BQ	01	KXDB0TC	01	2	MUX	D3		28B		
60768		XA116	57			XA130	74						KD01BQ	01	KXDB0TB	01	1	MUX	D2		29B		
60344		XA116	58										GND	01				MUX			40B		
60622		XA116	59			XA114	72						KAIENS	04	KXDB0TB	01	2	MUX	D2		30B		
61429		XA116	60										KXDB0TC	02	KXDB0TC	00	1	MUX	D3		28A		
61426		XA116	61			XA134	73						KXDB0TB	01	KXDB0TB	00	1	MUX	D2		31B		
60783		XA116	62										KD03BQ	02	KXDB0TD	01	1	MUX	D4		29A		
61430		XA116	63			XA134	77						KXDB0TD	01	KXDB0TD	00	1	MUX	D4		31A		
61077		XA116	64			XA118	31						KPETXQ	01	KXDB0TD	01	2	MUX	D4		30A		
60167		XA116	65										DNW	01				MUX					
61422		XA116	66			XA116	49						KXDBS0	02	KXDB4TA	01	4	MUX	E1		32B		
60345		XA116	67										GND	01				MUX					
61958		XA116	68			XA319	52						KMXCIB	04	KXDB4TA	01	3	MUX	E1		33A		
60790		XA116	69										KD04BQ	02	KXDB4TA	01	1	MUX	E1		32A		
60803		XA116	70			XA128	78						KD06BQ	02	KXDB4TC	01	1	MUX	E3		34A		
61085		XA116	71			XA122	80						KPRQP0	01	KXDB4TA	01	2	MUX	E1		33B		
61525		XA116	72			XA135	76						KK009A1	005	KXDB4TC	01	2	MUX	E3		35A		E01
61433		XA116	73										KXDB4TA	02	KXDB4TA	00	1	MUX	E1		34B	INPUT DATA MUX BIT	
61437		XA116	74										KXDB4TC	02	KXDB4TC	00	1	MUX	E3		36A		
60797		XA116	75										KD05BQ	02	KXDB4TB	01	1	MUX	E2		35B		
60810		XA116	76			XA114	56						KD07BQ	02	KXDB4TD	01	1	MUX	E4		37A		
61068		XA116	77										KPBZY0	03	KXDB4TB	01	2	MUX	E2		36B		
60661		XA116	78			XA117	37						KCDEBQ	01	KXDB4TD	01	2	MUX	E4		38A		
61434		XA116	79			XA133	73						KXDB4TB	01	KXDB4TB	00	1	MUX	E2		37B		
61438		XA116	80			XA133	77						KXDB4TD	01	KXDB4TD	00	1	MUX	E4		38B		

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	ECQ NO
	PREFIX	CONNECTOR	PIN	SH 16	PREFIX	CONNECTOR	PIN	SH 16	MULTI GROUP	CODE	COLOR											
61055		XA117	01		XA115	77				16B	9		KLPT1A	03	KLPTON	01	1	TDD	BN		02B	
60346		XA117	02										GND	01				TDD			01B	
62064		XA117	03		XA123	05				16B	9		KX000A	02	KLPT00	01	1	TDD	BQ		02A	
61679		XA117	04		XA120	23				16B	9		KXRS0B	52	KLPTOP	01	1	TDD	BP		04A	E02
61526		XA117	05		XA117	18				16B	9		KXGN2A	01	KLPT0I	01	1	TDD	BI		03B	
62209		XA117	06		XA118	06				16B	9		SPI0031	03				TDD	AP		05A	
61052		XA117	07										KLPT0Q	02	KLPT0Q	00	1	TDD	BQ		03A	LOOP TEST COUNTER
62159		XA117	08		XA116	07				16B	9		SPT0011	21				TDD	AT		06A	
63806		XA117	09									M	KLPTOP	01	KLPTOP	00	1	TDD	BP		04B	
62184		XA117	10		XA118	17				16B	9		SPI002I	09				TDD	AN		07A	
63744		XA117	11										SPO	01				TDD	AP		05B	
60049		XA117	12										+5V	01				TDD				
63745		XA117	13										SPO	01				TDD	AQ		06B	
60694		XA117	14		XA119	51				16B	9		KDEVOA	01	KDEVON	00	1	TDD	DN		05A	
62262		XA117	15		XA116	11				16B	9		SPT0041	24				TDD	AQ		07B	
60347		XA117	16										GND	01				TDD			20B	
61480		XA117	17		XA113	47				16B	9		KXDV3A	01	KDEVOQ	01	1	TDD	DQ		08B	
61527		XA117	18		XA128	18				16B	9		KXGN2A	02	KDEV0I	01	1	TDD	DI		10A	
60699		XA117	19										KDEV0Q	02	KDEV0Q	00	1	TDD	DQ		09B	END INPUT COUNTER
61675		XA117	20		XA118	20				16B	9		KXRS0B	48	KDEVOP	01	1	TDD	DP		11A	
63790		XA117	21									M	KDEVOP	01	KDEVOP	00	1	TDD	DP		10B	
60908		XA117	22										KKTCPA	02	KKTCCP	01	1	TDD	CP		12A	
60906		XA117	23										KKTCCP	09	KKTCCP	00	1	TDD	CP		11B	
62151		XA117	24		XA118	27				16B	9		SPI0011	13	KKTCCI	01	1	TDD	CI		13A	
63796		XA117	25									M	KKTCCQ	01	KKTCCQ	00	1	TDD	CQ		12B	MAIN TIMING COUNT
61045		XA117	26										KK15QA	02	KKTCCN	01	1	TDD	CN		14A	
61674		XA117	27		XA119	15				16B	9		KKTClA	01	KKTCCQ	01	1	TDD	CQ		13B	E02
60050		XA117	28										+5V	01				TDD				
62287		XA117	29		XA118	46				15B	9		SPI0061	09				TDD	FQ		14B	
62259		XA117	30		XA118	30				16B	9		SPI0041	21				TDD	FN		15A	
63746		XA117	31										SPO	01				TDD	FQ		15B	
60348		XA117	32										GND	01				TDD			21B	
63747		XA117	33										SPO	01				TDD	FP		16B	
62217		XA117	34		XA116	31				16B	9		SPI0031	11				TDD	FI		16A	
63788		XA117	35									M	KCDERP	01	KCDERP	00	1	TDD	EP		17B	
62274		XA117	36		XA116	33				16B	9		SPI0051	11				TDD	EP		17A	
60662		XA117	37										KCDEPQ	02	KCDEPQ	00	1	TDD	EQ		18B	COMPUTER DATA PART
61136		XA117	38										KXRS0A	04	KCDEPQ	01	1	TDD	EP		18A	
60664		XA117	39										KCDESA	02	KCDEPQ	01	1	TDD	EQ		19B	
62150		XA117	40		XA117	24				16B	9		SPI0011	12	KCDEPQ	01	1	TDD	EQ		19A	
62304		XA117	41		XA116	23				16B	9		SPI0081	03				TDD	HQ		22B	
62203		XA117	42		XA118	42				16B	9		SPI0021	28	KCDEPQ	01	1	TDD	FN		20A	
63748		XA117	43										SPO	01				TDD	HO		23B	
60349		XA117	44										GND	01				TDD			27A	
63749		XA117	45										SPO	01				TDD	HP		24B	
62289		XA117	46										SPI0061	11				TDD	HN		21A	E02
63750		XA117	47										SPO	01				TDD	GP		25B	
62273		XA117	48		XA117	36				16B	9		SPI0051	10				TDD	HI		22A	
63751		XA117	49										SPO	01				TDD	GQ		26B	
62299		XA117	50		XA118	50				16B	9		SPI0071	09				TDD	HP		23A	
CONNECTOR		XA117	CONTINUED ON THE NEXT PAGE ****																			

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	FCO NO
	PREFIX	CONNECTOR	PIN	CH	PREFIX	CONNECTOR	PIN	CH	MULTI GROUP	CODE	COLOR	IDENT											
62254		XA117	51			XA115	54			168	9		SPI0041	16		01	1	TDD	GQ		27B		
62228		XA117	52			XA118	52			168	9		SPI0031	22		01	1	TDD	GP		24A		
62201		XA117	53			XA117	56			168	9		SPI0021	26	KIEN00	01	1	TDD	KO		28B		
62146		XA117	54			XA118	53			168	9		SPI0011	08		01	1	TDD	GI		25A		
60846		XA117	55										KIEN00	03	KIEN00	00	1	TDD	KQ		29B	DATA DETECT COUNT	
62202		XA117	56			XA117	42			168	9		SPI0021	27		01	1	TDD	GN		26A		
63794		XA117	57									M	KIENOP	01	KIENOP	00	1	TDD	KP		30B		
60350		XA117	58										GND	01				TDD			40A		
63891		XA117	59									M	KXXRCP	01	KXXRCP	00	1	TDD	JP		31B		
62113		XA117	60			XA118	79			168	9		KI6M10	07	KIENON	01	1	TDD	KN		28A		
62031		XA117	61										KXXRCQ	04	KXXRCQ	00	1	TDD	JQ		32B	IOU REQUEST CONTR	
62145		XA117	62			XA117	54			168	9		SPI0011	07	KIEN01	01	1	TDD	KI		29A		
62027		XA117	63										KXXRCA	02	KXXRCQ	01	1	TDD	JQ		33B		
60835		XA117	64			XA118	64			168	9		KIENRA	01	KIENOP	01	1	TDD	KP		30A		
61573		XA117	65										KXIR1A	03	KXXDSQ	01	1	TDD	MO		34B		
61670		XA117	66			XA118	73			168	9		KXRS0B	43	KXXRCP	01	1	TDD	JP		31A		
60351		XA117	67										GND	01				TDD			40B		
61539		XA117	68			XA118	68			168	9		KXGN3A	04	KXXRCI	01	1	TDD	JJ		32A		
62021		XA117	69			XA119	79			168	9		KXXDSP	01	KXXDSP	00	1	TDD	MP		35A		
62049		XA117	70										KXXR2P	03	KXXRCN	01	1	TDD	JN		33A		
61537		XA117	71			XA118	71			168	9		KXGN3A	02	KXXDSI	01	1	TDD	MI		36A		
61988		XA117	72			XA117	79			168	9		KXXC4P	05	KXXDSP	01	1	TDD	MN		34A		
61672		XA117	73			XA117	75			168	9		KXRS0B	45	KXXDSP	01	1	TDD	MP		36B		
63890		XA117	74									M	KXXDSQ	01	KXXDSQ	00	1	TDD	MQ		35B	IOU INPUT IIR DATA	
61673		XA117	75			XA117	20			168	9		KXRS0B	46	KXXDDP	01	1	TDD	LP		37B	D02	
61998		XA117	76										KXXDDP	05	KXXDDP	00	1	TDD	LP		37A		
61536		XA117	77			XA117	71			168	9		KXGN3A	01	KXXDDI	01	1	TDD	LI		38B		
63888		XA117	78									M	KXXDDQ	01	KXXDDQ	00	1	TDD	LQ		38A	IOU INPUT CONTROL	
61989		XA117	79										KXXC4P	06	KXXDDN	01	1	TDD	LN		39B		
61992		XA117	80			XA126	80			168	9		KXXDDA	01	KXXDDQ	01	1	TDD	LQ		39A		
61378		XA118	01			XA115	19			168	9		KXCP1B	22	KLPT1N	01	1	TDD	BN		02B		
60352		XA118	02										GND	01				TDD			01B		
62277		XA118	03			XA115	36			168	9		SPI0051	14	KLPT1Q	01	1	TDD	BQ		02A	E02	
61678		XA118	04			XA117	04			168	9		KXRS0B	51	KLPT1P	01	1	TDD	BP		04A		
61051		XA118	05			XA117	07			168	9		KLPT0Q	01	KLPT1I	01	1	TDD	B1		03B		
62210		XA118	06			XA120	05			168	9		SPI0031	04		01	1	TDD	AP		05A		
61058		XA118	07										KLPT1Q	02	KLPT1Q	00	1	TDD	BQ		03A	LOOP TEST COUNTER	
62158		XA118	08			XA117	08			168	9		SPI0011	20		01	1	TDD	AI		06A		
63807		XA118	09									M	KLPT1P	01	KLPT1P	00	1	TDD	BP		04B		
62183		XA118	10			XA117	10			168	9		SPI0021	08		01	1	TDD	AN		07A		
63752		XA118	11										SPO	01		00	1	TDD	AP		05B		
60051		XA118	12										+5V	01				TDD					
63753		XA118	13										SPO	01		00	1	TDD	AQ		06B		
61377		XA118	14			XA118	01			168	9		KXCP1B	21	KDEV1N	01	1	TDD	DN		05A		
62261		XA118	15			XA117	15			168	9		SPI0041	23		01	1	TDD	AQ		07B		
60353		XA118	16										GND	01				TDD			20B		
62185		XA118	17			XA116	25			168	9		SPI0021	10	KDEV1Q	01	1	TDD	DQ		08B		
60698		XA118	18			XA117	19			168	9		KDEV0Q	01	KDEV1I	01	1	TDD	DT		10A		
CONNECTOR		XA118	CONTINUED ON THE NEXT PAGE ****																				

RECORD NUMBER	FROM			TO			WIRE			SPEC. INST. MISC.	SIGNAL	SEQ NO	EQUATION	TERM	FAC	CKT OR CHIP TYPE	GROUP	LOAD OR POWER PLANE	TEST POINTS AND/OR	SIGNAL DESCRIPTION	ECO NO	
	PREFIX	CONNECTOR	PIN	PREFIX	CONNECTOR	PIN	MULTI GROUP	CODE	COLOR													IDENT
60704		XA118	19									KDEV1Q	02	KDEV1Q	00	1	TDD	DQ	09B	END INPUT COUNTER		
61676		XA118	20		XA118	22		16B	9			KXRS0B	49	KDEV1P	01	1	TDD	DP	11A			
63791		XA118	21									KDEV1P	01	KDEV1P	00	1	TDD	DP	10B			
61677		XA118	22		XA118	04		16B	9			KXRS0B	50	KPOUTP	01	1	TDD	CP	12A			
63811		XA118	23									KPOUTP	01	KPOUTP	00	1	TDD	CP	11B			
61075		XA118	24		XA120	19		16B	9			KPDT90	01	KPOUTI	01	1	TDD	CI	13A		A01	
61092		XA118	25									KPOUTQ	02	KPOUTQ	00	1	TDD	CQ	12B	SERIAL DATA OUTPUT		
61406		XA118	26		XA115	26		16B	9			KXCP3B	21	KPOUTN	01	1	TDD	CN	14A			
62152		XA118	27		XA119	26		16B	9			SPI0011	14	KPOUTQ	01	1	TDD	CO	13B			
60052		XA118	28									+5V	01									
60821		XA118	29		XA120	55		16B	9			KETX1A	02	KPETXQ	01	1	TDD	FQ	14B			
62260		XA118	30		XA118	15		16B	9			SPI0041	22	KPETXN	01	1	TDD	FN	15A			
61078		XA118	31									KPETXQ	02	KPETXQ	00	1	TDD	FQ	15B	EXT ON INPUT COMMA		
60354		XA118	32									GND	01						21B			
63809		XA118	33									KPETXP	01	KPETXP	00	1	TDD	FP	16B			
62216		XA118	34		XA117	34		16B	9			SPI0031	10	KPETXI	01	1	TDD	ET	16A			
63810		XA118	35									KPE0BP	01	KPE0BP	00	1	TDD	EP	17B			
61134		XA118	36		XA118	38		16B	9			KRS0A	02	KPETXP	01	1	TDD	FP	17A			
61080		XA118	37									KPE0BQ	02	KPE0BQ	00	1	TDD	EQ	18B	EOB ON INPUT COMMA		
61135		XA118	38		XA117	38		16B	9			KRS0A	03	KPE0BP	01	1	TDD	EP	18A			
60633		XA118	39		XA113	73		16B	9			KAIERA	03	KPE0BO	01	1	TDD	EO	19B			
62149		XA118	40		XA117	40		16B	9			SPI0011	11	KPE0BI	01	1	TDD	ET	19A			
62303		XA118	41		XA117	41		16B	9			SPI0081	02		01	1	TDD	HQ	22B			
62204		XA118	42		XA118	56		16B	9			SPI0021	29	KPE0BN	01	1	TDD	FN	20A			
63754		XA118	43									SPO	01		00	1	TDD	HQ	23B			
60355		XA118	44									GND	01						27A			
63755		XA118	45									SPO	01		00	1	TDD	HP	24B			
62288		XA118	46		XA117	46		16B	9			SPI0061	10		01	1	TDD	HN	21A			
63756		XA118	47									SPO	01		00	1	TDD	GP	25B			
62272		XA118	48		XA117	48		16B	9			SPI0051	09		01	1	TDD	HI	22A			
63757		XA118	49									SPO	01		00	1	TDD	GQ	26B			
62300		XA118	50									SPI0071	10		01	1	TDD	HP	23A		E02	
62253		XA118	51		XA117	51		16B	9			SPI0041	15		01	1	TDD	GQ	27B			
62229		XA118	52		XA120	59		16B	9			SPI0031	23		01	1	TDD	GP	24A			
62147		XA118	53		XA118	54		16B	9			SPI0011	09	KIEN1Q	01	1	TDD	KQ	28B			
62148		XA118	54		XA118	40		16B	9			SPI0011	10		01	1	TDD	GT	25A			
63795		XA118	55									KIEN1Q	01	KIEN1Q	00	1	TDD	KQ	29B	DATA DETECT COUNT		
62205		XA118	56		XA120	57		16B	9			SPI0021	30		01	1	TDD	GN	26A			
60856		XA118	57		XA124	70		16B	9			KIEN1P	01	KIEN1P	00	1	TDD	KP	30B			
60356		XA118	58									GND	01						40A			
62036		XA118	59									KXXREP	03	KXXREP	00	1	TDD	JP	31B			
62112		XA118	60		XA117	60		16B	9			KI6M1Q	06	KIEN1N	01	1	TDD	KN	28A			
62038		XA118	61									KXXREQ	02	KXXREQ	00	1	TDD	JQ	32B	IOU REQUEST ENABLE		
60845		XA118	62		XA117	55		16B	9			KIEN0Q	02	KIEN1T	01	1	TDD	KT	29A			
62040		XA118	63									KXXROP	02	KXXREQ	01	1	TDD	JQ	33B			
60836		XA118	64		XA123	63		16B	9			KIENRA	02	KIEN1P	01	1	TDD	KP	30A			
62002		XA118	65									KXXD1A	02	KXXD1Q	01	1	TDD	HQ	34B			
61669		XA118	66		XA117	66		16B	9			KXRS0B	42	KXXREP	01	1	TDD	JP	31A			
60357		XA118	67									GND	01						40B			
61540		XA118	68		XA126	51		16B	9			KXGN3A	05	KXXREI	01	1	TDD	JT	32A			
CONNECTOR XA118 CONTINUED ON THE NEXT PAGE ****																						

RECORD NUMBER	FROM				TO				WIRE				SPEC. VISC.	SIGNAL	SEQ NO	EQUATION	TER. FACTOR	CKT OR CHIP TYPE	GROUP	LOAD OR POKER PLANE	TEST POINTS LND OR	SIGNAL DESCRIPTION	ECO NO
	PREFIX	CONNECTOR	PIN	CH. NO.	PREFIX	CONNECTOR	PIN	CH. NO.	SIZE	MULTI GROUP	CODE	COLOR											
62003		XA118	69			XA119	77			168	9			KXXDIP	01	KXXDIP	00	1	TDD	MP	35A		
61484		XA118	70			XA123	76			168	9			KXEA0A	01	KXXREN	01	1	TDD	JN	33A		
61538		XA118	71			XA117	68			168	9			KXGN3A	03	KXXDII	01	1	TDD	MI	36A		
61987		XA118	72			XA117	72			168	9			KXXC4P	04	KXXDIN	01	1	TDD	MN	34A		
61571		XA118	73			XA117	73			168	9			KXRS0B	44	KXXDIP	01	1	TDD	MP	36B		
63889		XA118	74										M	KXXDIQ	01	KXXDIQ	00	1	TDD	MQ	35B	IOU INPUT INTERRUPT	
61966		XA118	75										M	KXXCRO	06	KXXC1P	01	1	TDD	LP	37B		
63886		XA118	76										M	KXXC1P	01	KXXC1P	00	1	TDD	LP	37A		
61972		XA118	77			XA130	49			168	9			KXXC0Q	01	KXXC1I	01	1	TDD	LI	38B		
61975		XA118	78											KXXC1Q	02	KXXC1Q	00	1	TDD	LQ	38A		
62114		XA118	79											K16MI0	08	KXXC1N	01	1	TDD	LN	39B		
62139		XA118	80			XA113	75			168	9			SPI0011	01	KXXC1Q	01	1	TDD	LQ	39A		
60924		XA119	01			XA131	75			168	9			KK03E0	02	KK03E0	00	1	TQ2	A2	02B	STATE E OF KK03 BI	
60358		XA119	02											GND	01				TQ2		01A		
60934		XA119	03			XA134	29			168	9			KK0307T	01	KK03F0	01	1	TQ2	A3	02A		
60933		XA119	04											KK0306T	02	KK03E0	01	1	TQ2	A2	04A		
62156		XA119	05			XA119	07			168	9			SPI0011	18	KK03E0	01	2	TQ2	A2	03B		
60921		XA119	06			XA131	64			168	9			KK03D0	01	KK03D0	00	1	TQ2	A1	05A	STATE D OF KK03 BI	
62157		XA119	07			XA118	08			168	9			SPI0011	19	KK03F0	01	2	TQ2	A3	03A		
60930		XA119	08			XA134	23			168	9			KK0305T	01	KK03D0	01	1	TQ2	A1	06A		
60926		XA119	09			XA113	06			168	9			KK03F0	01	KK03F0	00	1	TQ2	A3	04B	STATE F OF KK03 BI	
62154		XA119	10			XA119	05			168	9			SPI0011	16	KK03D0	01	2	TQ2	A1	07A		
62155		XA119	11			XA120	27			168	9			KKTC10	01	KKTC1A	01	1	TQ2	A4	05B		E02
60053		XA119	12											+5V	01				TQ2				
62182		XA119	13			XA118	10			168	9			SPI0021	07	KKTC1A	01	2	TQ2	A4	06B		E02
61020		XA119	14											KK1210	02	KK1210	00	1	TQ2	B2	09A	KK12 STATE 1	
63758		XA119	15											KKTC1A	02	KKTC1A	00	1	TQ2	A4	07B		E02
60359		XA119	16											GND	01				TQ2		01B		
61004		XA119	17											KK1202T	02	KK1220	01	1	TQ2	B3	08B		
61001		XA119	18			XA133	10			168	9			KK1201T	01	KK1210	01	1	TQ2	B2	10A		
62338		XA119	19			XA119	25			168	9			SPI0131	11	KK1220	01	2	TQ2	B3	09B		
62337		XA119	20			XA119	19			168	9			SPI0131	10	KK1210	01	2	TQ2	B2	11A		
61021		XA119	21			XA121	20			168	9			KK1220	01	KK1220	00	1	TQ2	B3	10B	KK12 STATE 2	
60998		XA119	22											KK1200	02	KK1200	00	1	TQ2	B1	12A	KK12 STATE 0	
61005		XA119	23			XA133	13			168	9			KK1203T	01	KK1230	01	1	TQ2	B4	11B		
61000		XA119	24											KK1200T	02	KK1200	01	1	TQ2	B1	13A		
62339		XA119	25			XA119	31			168	9			SPI0131	12	KK1230	01	2	TQ2	B4	12B		
62153		XA119	26			XA119	10			168	9			SPI0011	15	KK1200	01	2	TQ2	B1	14A		
61024		XA119	27											KK1230	02	KK1230	00	1	TQ2	B4	13B	KK12 STATE 3	
60054		XA119	28											+5V	01				TQ2				
61012		XA119	29											KK1206T	02	KK1260	01	1	TQ2	C3	14B		
61028		XA119	30											KK1250	02	KK1250	00	1	TQ2	C2	15A	KK12 STATE 5	
62340		XA119	31			XA119	36			168	9			SPI0131	13	KK1260	01	2	TQ2	C3	15B		
60360		XA119	32											GND	01				TQ2		20B		
61029		XA119	33			XA121	05			168	9			KK1260	01	KK1260	00	1	TQ2	C3	16B		
61009		XA119	34			XA133	07			168	9			KK1205T	01	KK1250	01	1	TQ2	C2	16A	KK12 STATE 6	
61013		XA119	35			XA133	11			168	9			KK1207T	01	KK1270	01	1	TQ2	C4	17B		
62341		XA119	36			XA119	37			168	9			SPI0131	14	KK1250	01	2	TQ2	C2	17A		
CONNECTOR		XA119	CONTINUED ON		THE NEXT PAGE		****																

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	SHLD	MULTI GROUP	CODE	COLOR												IDENT
62342		XA119	37		XA119	43			168	9			SPIO131	15	KK1270	01	2	T02	C4		18B	
61025		XA119	38		XA121	13			168	9			KK1240	01	KK1240	00	1	T02	C1		18A	KK12 STATE 4
61032		XA119	39										KK1270	02	KK1270	00	1	T02	C4		19B	KK12 STATE 7
61008		XA119	40										KK1204T	02	KK1240	01	1	T02	C1		19A	
60994		XA119	41		XA134	62			168	9			KK1284U	02	KK150A	01	1	T02	03		22B	
62344		XA119	42		XA119	50			168	9			SPIO131	17	KK1240	01	2	T02	C1		20A	
62343		XA119	43		XA119	42			168	9			SPIO131	16	KK150A	01	2	T02	03		23B	
60361		XA119	44										GND	01				T02			21B	
61044		XA119	45		XA117	26			168	9			KK150A	01	KK150A	00	1	T02	03		24B	
61041		XA119	46		XA131	60			168	9			KK1290	06	KK1290	00	1	T02	02		21A	KK12 STATE 9
60703		XA119	47		XA118	19			168	9			KDEV1Q	01	KDEV0A	01	1	T02	04		25B	
61017		XA119	48		XA133	18			168	9			KK1209T	01	KK1290	01	1	T02	D2		22A	
61393		XA119	49		XA121	49			168	9			KXCP3B	08	KDEV0A	01	2	T02	04		26B	
62345		XA119	50		XA119	55			168	9			SPIO131	18	KK1290	01	2	T02	02		23A	
60695		XA119	51		XA121	43			168	9			KDEV0A	02	KDEV0A	00	1	T02	04		27B	
61035		XA119	52										KK1280	03	KK1280	00	1	T02	01		24A	KK12 STATE 8
60961		XA119	53										KK08B2U	03	KK090A	01	1	T02	E3		28B	
61016		XA119	54										KK1208T	02	KK1280	01	1	T02	01		25A	
62346		XA119	55		XA119	56			168	9			SPIO131	19	KK090A	01	2	T02	E3		29B	
62347		XA119	56		XA120	61			168	9			SPIO131	20	KK1280	01	2	T02	01		26A	
60982		XA119	57		XA115	10			168	9			KK090A	01	KK090A	00	1	T02	E3		30B	
60362		XA119	58										GND	01				T02			27A	
60760		XA119	59										KDOUTQ	08	KXDV2A	01	1	T02	E4		31B	
60975		XA119	60		XA115	13			168	9			KK08QA	01	KK08QA	00	1	T02	E2		28A	
61479		XA119	61										KXDV20	02	KXDV2A	01	2	T02	E4		32B	
60956		XA119	62		XA124	56			168	9			KK08B1U	01	KK08QA	01	1	T02	E2		29A	
61476		XA119	63		XA113	54			168	9			KXDV2A	01	KXDV2A	00	1	T02	E4		33B	
62349		XA119	64		XA119	70			168	9			SPIO131	22	KK08QA	01	2	T02	E2		30A	
61097		XA119	65										KRTDEA	02	KXXDD0	01	1	T02	F3		34B	
60818		XA119	66		XA120	60			168	9			KETX00	01	KETX00	00	1	T02	E1		31A	A01
60363		XA119	67										GND	01				T02			40A	
60816		XA119	68		XA114	47			168	9			KETX0A	01	KETX00	01	1	T02	E1		32A	
61999		XA119	69		XA126	76			168	9			KXXDD0	01	KXXDD0	00	1	T02	F3		35A	
62350		XA119	70		XA119	73			168	9			SPIO131	23	KETX00	01	2	T02	E1		33A	
61137		XA119	71		XA120	74			168	9			KSR500	01	KSR50A	01	1	T02	F2		36A	
61133		XA119	72		XA118	36			168	9			KSR50A	01	KSR50A	00	1	T02	F2		34A	
62351		XA119	73		XA119	78			168	9			SPIO131	24	KSR50A	01	2	T02	F2		36B	
61064		XA119	74		XA127	69			168	9			KLTEQA	01	KXXDD0	01	2	T02	F3		35B	
61421		XA119	75		XA116	66			168	9			KXDBS0	01	KXDBS0	00	1	T02	F1		37B	INPUT MUX STATUS
61968		XA119	76										KXXCSA	02	KXXCS0	01	1	T02	F4		37A	
62004		XA119	77		XA124	78			168	9			KXXDIP	02	KXDBS0	01	1	T02	F1		38B	
62352		XA119	78		XA120	75			168	9			SPIO131	25	KXXCS0	01	2	T02	F4		38A	
62022		XA119	79		XA125	70			168	9			KXXDSP	02	KXDBS0	01	2	T02	F1		39B	
61971		XA119	80										KXXCS0	03	KXXCS0	00	1	T02	F4		39A	
62331		XA120	01		XA122	05			168	9			SPIO131	04		01	1	TT3	A2		02B	
60364		XA120	02										GND	01				TT3			01B	
62180		XA120	03		XA120	09			168	9			SPIO021	05		01	2	TT3	A2		02A	
60569		XA120	04										KAER0A	02	KAER0A	00	1	TT3	A1		04A	SET OUTPUT COMMAND
CONNECTOR		XA120	CONTINUED ON THE NEXT PAGE ****																			

RECORD NUMBER	FROM				TO				WIRE				SFC INST INSEC	SIGNAL	SEQ NO	EQUATION	TERM FACTOR	CKT OR CHIP TYPE	GRP	LOAD OR POWER PLANE	TEST POINTS AND/OR	SIGNAL DESCRIPTION	ECO NO
	PREFIX	CONNECTOR	PIN	IN	PREFIX	CONNECTOR	PIN	OUT	MULTI GROUP	CODE	COLOR	IDENT											
62211		XA120	05		XA120	11				168	9		SPI0031	05		01 3	TT3	A2		03B			
60756		XA120	06		XA115	22				168	9		KDOU0	04	KAEB0A	00 1	TT3	A1		05A			
63759		XA120	07										SPO	01		00 1	TT3	A2		03A			
61501		XA120	08										KXEB1Q	04	KAEB0A	01 2	TT3	A1		06A			
62181		XA120	09		XA119	13				168	9		SPI0021	06		01 1	TT3	A3		04B			
61403		XA120	10		XA122	10				168	9		KXCP3B	18	KAEB0A	01 3	TT3	A1		07A			
62212		XA120	11		XA115	31				168	9		SPI0031	06		01 2	TT3	A3		05B		A01	
60055		XA120	12										+5V	01			TT3						
62335		XA120	13		XA119	20				168	9		SPT0131	08		01 3	TT3	A3		06B		E02	
62334		XA120	14										KPDT9A	02	KPDT90	01 1	TT3	B2		09A		A01	
63760		XA120	15										SPO	01		00 1	TT3	A3		07B			
60365		XA120	16										GND	01			TT3			21B			
62213		XA120	17										KPDT8A	02	KPDT90	01 2	TT3	B2		08B		A01	
62179		XA120	18		XA126	63				168	9		KOUT0A	01	KPDT90	01 3	TT3	B2		10A		A01	
63761		XA120	19										KPDT90	02	KPDT90	00 1	TT3	B2		09B	SERIAL OUTPUT DATA	A01	
63762		XA120	20										SPO	01		00 1	TT3	B1		11A			
62336		XA120	21		XA114	76				168	9		KIEN0A	00	KKTC10	01 1	TT3	B3		10B		E02	
62178		XA120	22		XA115	30				168	9		SPI0021	03		01 1	TT3	B1		12A		A01	
62215		XA120	23										KXRS0B	53	KKTC10	01 2	TT3	B3		11B		E02	
62214		XA120	24		XA118	34				168	9		SPI0031	08		01 2	TT3	B1		13A			
62177		XA120	25		XA120	22				168	9		SPI0021	02	KKTC10	01 3	TT3	B3		12B		E02	
62330		XA120	26		XA120	01				168	9		SPT0131	03		01 3	TT3	B1		14A			
63763		XA120	27										KKTC10	02	KKTC10	00 1	TT3	B3		13B		E02	
60056		XA120	28										+5V	01			TT3						
60642		XA120	29		XA113	31				168	9		KAOENS	03	KAOENR	01 1	TT3	C2		14B			
60646		XA120	30		XA113	23				168	9		KADERA	01	KAOENR	01 2	TT3	C2		15A			
60637		XA120	31		XA121	34				168	9		KAOENR	01	KAOENR	00 1	TT3	C2		15B			
60366		XA120	32										GND	01			TT3			27A			
60586		XA120	33										KAEN1S	03	KAEN1R	01 1	TT3	C3		16B			
61664		XA120	34		XA120	42				168	9		KXRS0B	37	KAOENR	01 3	TT3	C2		16A			
60595		XA120	35		XA122	38				168	9		KAEN3A	01	KAEN1R	01 2	TT3	C3		17B			
60612		XA120	36										KAEOBR	02	KAEOBR	00 1	TT3	C1		17A			
61663		XA120	37		XA120	34				168	9		KXRS0B	36	KAEN1R	01 3	TT3	C3		18B			
60614		XA120	38		XA121	38				168	9		KAEOBS	02	KAEOBR	01 1	TT3	C1		18A			
60582		XA120	39		XA121	29				168	9		KAEN1R	01	KAEN1R	00 1	TT3	C3		19B			
60566		XA120	40		XA113	11				168	9		KAEBRA	01	KAEOBR	01 2	TT3	C1		19A			
60599		XA120	41		XA121	46				168	9		KAEN3S	01	KAEN3R	01 1	TT3	D2		22B			
61665		XA120	42		XA122	43				168	9		KXRS0B	38	KAEOBR	01 3	TT3	C1		20A			
60598		XA120	43										KAEN3R	02	KAEN3R	00 1	TT3	D2		23B			
60367		XA120	44										GND	01			TT3			40A			
60712		XA120	45										KDEV2S	03	KDEV2R	01 1	TT3	D3		24B			
60609		XA120	46		XA122	39				168	9		KAEN7A	01	KAEN3R	01 2	TT3	D2		21A			
60702		XA120	47										KDEV1A	03	KDEV2R	01 2	TT3	D3		25B			
61661		XA120	48		XA120	49				168	9		KXRS0B	34	KAEN3R	01 3	TT3	D2		22A			
61662		XA120	49		XA120	37				168	9		KXRS0B	35	KDEV2R	01 3	TT3	D3		26B			
60589		XA120	50		XA121	54				168	9		KAEN2R	01	KAEN2R	00 1	TT3	D1		23A			
60708		XA120	51		XA122	54				168	9		KDEV2R	02	KDEV2R	00 1	TT3	D3		27B			
60594		XA120	52										KAEN2S	03	KAEN2R	01 1	TT3	D1		24A			
60863		XA120	53										KIEN1S	04	KETX1A	01 1	TT3	E2		28B			
60604		XA120	54		XA122	60				168	9		KAEN5A	01	KAEN2R	01 2	TT3	D1		25A			
CONNECTOR XA120 CONTINUED ON THE NEXT PAGE ****																							

RECORD NUMBER	FROM				TO				WIRE				SIGNAL	SEQ NO	EQUATION	TERM	FACTOR	CKT OR CHIP TYPE	GRP	LOAD OR POWER PLANE	TEST POINTS		SIGNAL DESCRIPTION	ECO NO
	PREFIX	CONNECTOR	PIN	PL	PREFIX	CONNECTOR	PIN	PL	MULTI GROUP	CODE	COLOR	IDENT									AND	OR		
60822		XA120	55		XA125	62			16B	9			KETX1A	03	KETX1A	00	1	TT3	E2		29B	EXT CHARACTER STR		
61660		XA120	56		XA120	48			16B	9			KXRS0B	33	KAENZR	01	3	TT3	D1		26A			
62206		XA120	57										SPI0021	31		01	1	TT3	E3		30B			
60368		XA120	58										GND	01				TT3			40B			
62230		XA120	59		XA120	79			16B	9			SPI0031	24		01	2	TT3	E3		31B			
60819		XA120	60										KETX00	02	KETX1A	01	2	TT3	E2		28A			
62348		XA120	61		XA119	64			16B	9			SPI0131	21		01	3	TT3	E3		32B			
61392		XA120	62		XA119	49			16B	9			KXCP3B	07	KETX1A	01	3	TT3	F2		29A			
63764		XA120	63										SPO	01		00	1	TT3	E3		33B			
60716		XA120	64										KDEV3R	02	KDEV3R	00	1	TT3	F1		30A			
61119		XA120	65		XA123	36			16B	9			KSN2A	01	KRS00	01	1	TT3	F2		34B			
60717		XA120	66		XA121	47			16B	9			KDEV3S	01	KDEV3R	01	1	TT3	F1		31A			
60369		XA120	67										GND	01				TT3						
60713		XA120	68		XA121	39			16B	9			KDEV3A	01	KDEV3R	01	2	TT3	F1		32A			
60671		XA120	69		XA121	65			16B	9			KDAINQ	05	KRTDEA	01	1	TT3	F3		35A			
61667		XA120	70		XA120	72			16B	9			KXRS0B	40	KDEV3R	01	3	TT3	F1		33A			
62062		XA120	71										KXODRA	03	KRS00	01	2	TT3	F2		36A			
61668		XA120	72		XA118	66			16B	9			KXRS0B	41	KRS00	01	3	TT3	F2		34A			
63765		XA120	73										SPO	01		00	1	TT3	F1		36B			
61138		XA120	74										KRS00	02	KRS00	00	1	TT3	F2		35B	RESET ERROR/STATUS		
62353		XA120	75		XA121	79			16B	9			SPI0131	26		01	1	TT3	F1		37B			
60624		XA120	76		XA122	53			16B	9			KAIENS	06	KRTDEA	01	2	TT3	F3		37A			
62381		XA120	77		XA123	79			16B	9			SPI0141	20		01	2	TT3	F1		38B			
61491		XA120	78										KXEA00	04	KRTDEA	01	3	TT3	F3		38A			
62231		XA120	79		XA124	65			16B	9			SPI0031	25		01	3	TT3	F1		39B			
61096		XA120	80		XA119	65			16B	9			KRTDEA	01	KRTDEA	00	1	TT3	F3		39A	INPUT COMMAND STA		
60777		XA121	01		XA129	53			16B	9			KD02SA	01	KD02SA	00	1	TQ2	A2		02B			
60370		XA121	02										GND	01				TQ2			01A			
60725		XA121	03		XA121	04			16B	9			KDP7S0	02	KD03SA	01	1	TQ2	A3		02A			
60726		XA121	04		XA121	08			16B	9			KDP7S0	03	KD02SA	01	1	TQ2	A2		04A			
61030		XA121	05										KK1260	02	KD02SA	01	2	TQ2	A2		03B			
60770		XA121	06		XA130	65			16B	9			KD01SA	01	KD01SA	00	1	TQ2	A1		05A			
61027		XA121	07		XA119	30			16B	9			KK1250	01	KD03SA	01	2	TQ2	A3		03A			
60727		XA121	08		XA121	18			16B	9			KDP7S0	04	KD01SA	01	1	TQ2	A1		06A			
60784		XA121	09		XA129	80			16B	9			KD03SA	01	KD03SA	00	1	TQ2	A3		04B			
61031		XA121	10		XA119	39			16B	9			KK1270	01	KD01SA	01	2	TQ2	A1		07A			
60724		XA121	11		XA121	03			16B	9			KDP7S0	01	KD04SA	01	1	TQ2	A4		05B			
60057		XA121	12										+5V	01				TQ2						
61026		XA121	13										KK1240	02	KD04SA	01	2	TQ2	A4		06B			
60805		XA121	14		XA128	80			16B	9			KD06SA	01	KD06SA	00	1	TQ2	B2		09A			
60791		XA121	15		XA129	65			16B	9			KD04SA	01	KD04SA	00	1	TQ2	A4		07B			
60371		XA121	16										GND	01				TQ2			01B			
60729		XA121	17		XA121	23			16B	9			KDP7S0	06	KD07SA	01	1	TQ2	B3		08B			
60728		XA121	18		XA121	17			16B	9			KDP7S0	05	KD06SA	01	1	TQ2	B2		10A			
61019		XA121	19		XA119	14			16B	9			KK1210	01	KD07SA	01	2	TQ2	B3		09B			
61022		XA121	20										KK1220	02	KD06SA	01	2	TQ2	B2		11A			
60812		XA121	21		XA128	65			16B	9			KD07SA	01	KD07SA	00	1	TQ2	B3		10B	DATA REGISTER SET		
60798		XA121	22		XA128	53			16B	9			KD05SA	01	KD05SA	00	1	TQ2	B1		12A			
CONNECTOR		XA121	CONTINUED ON THE NEXT PAGE ****																					

RECORD NUMBER	FROM				TO				WIRE				SIGNAL	SEQ NO	EQUATION	TERM	FACTOR	CKT OR CHIP TYPE	GROUP	LOAD OR POWER PLANE	TEST POINTS		SIGNAL DESCRIPTION	ECO NO
	PREFIX	CONNECTOR	PIN	WIRE	PREFIX	CONNECTOR	PIN	WIRE	MULTI GROUP	CODE	COLOR	IDENT									NO	OR		
60730		XA121	23		XA121	24				168	9		KDP750	07	KDOPSA	01	1	TQ2	B4		11B			
60731		XA121	24		XA122	27				168	9		KDP750	08	KD05SA	01	1	TQ2	B1		13A			
61034		XA121	25		XA119	52				168	9		KK1280	02	KDOPSA	01	2	TQ2	B4		12B			
61023		XA121	26		XA119	27				168	9		KK1230	01	KD05SA	01	2	TQ2	B1		14A			
60751		XA121	27		XA130	53				168	9		KDOPSA	01	KDOPSA	00	1	TQ2	B4		13B	DATA REGISTER SET		
60058		XA121	28										+5V	01				TQ2						
60583		XA121	29										KAEN1R	02	KAEN1S	01	1	TQ2	C3		14B			
60641		XA121	30		XA120	29				168	9		KA0ENS	02	KA0ENS	00	1	TQ2	C2		15A	AUTO OUTPUT MODE		
60602		XA121	31		XA122	30				168	9		KAEN4A	01	KAEN1S	01	2	TQ2	C3		15B			
60372		XA121	32										GND	01				TQ2			20B			
60585		XA121	33		XA120	33				168	9		KAEN1S	02	KAEN1S	00	1	TQ2	C3		16B	OUTPUT ENABLE BIT		
60638		XA121	34		XA121	53				168	9		KA0ENR	02	KA0ENS	01	1	TQ2	C2		16A			
60707		XA121	35		XA120	51				168	9		KDEV2R	01	KDEV3A	01	1	TQ2	C4		17B			
60571		XA121	36		XA115	23				168	9		KAEN0A	02	KA0ENS	01	2	TQ2	C2		17A			
61369		XA121	37		XA122	37				168	9		KXCP1B	13	KDEV3A	01	2	TQ2	C4		18B			
60615		XA121	38		XA131	55				168	9		KAEOBS	03	KAEOBS	00	1	TQ2	C1		18A	EOB RECEIVED ON OU		
60714		XA121	39										KDEV3A	02	KDEV3A	00	1	TQ2	C4		19B			
60611		XA121	40		XA120	36				168	9		KAEOBR	01	KAEOBS	01	1	TQ2	C1		19A			
60589		XA121	41		XA122	45				168	9		KDEVIR	01	KDEVIS	01	1	TQ2	D3		22B			
60568		XA121	42		XA120	04				168	9		KAEB0A	01	KAEOBS	01	2	TQ2	C1		20A			
60696		XA121	43		XA122	56				168	9		KDEV0A	03	KDEVIS	01	2	TQ2	D3		23B			
60373		XA121	44										GND	01				TQ2			21B			
60692		XA121	45		XA122	41				168	9		KDEVIS	01	KDEVIS	00	1	TQ2	D3		24B	END INPUT COMMD RE		
60600		XA121	46		XA122	62				168	9		KAEN3S	02	KAEN3S	00	1	TQ2	D2		21A	OUTPUT COUNTER BIT		
60718		XA121	47		XA122	46				168	9		KDEV3S	02	KDEV1A	01	1	TQ2	D4		25B			
60597		XA121	48		XA120	43				168	9		KAEN3R	01	KAEN3S	01	1	TQ2	D2		22A			
61394		XA121	49		XA122	49				168	9		KXCP3B	09	KDEV1A	01	2	TQ2	D4		26B			
60607		XA121	50		XA122	33				168	9		KAEN6A	01	KAEN3S	01	2	TQ2	D2		23A			
60701		XA121	51		XA120	47				168	9		KDEV1A	02	KDEV1A	00	1	TQ2	D4		27B			
60593		XA121	52		XA120	52				168	9		KAEN2S	02	KAEN2S	00	1	TQ2	D1		24A	OUTPUT COUNTER BIT		
60639		XA121	53										KA0ENR	03	KXDV20	01	1	TQ2	E3		28B			
60590		XA121	54		XA122	35				168	9		KAEN2R	02	KAEN2S	01	1	TQ2	D1		25A			
62010		XA121	55		XA123	65				168	9		KXXDIR	02	KXDV20	01	2	TQ2	E3		29B			
61502		XA121	56		XA126	62				168	9		KXED0A	01	KAEN2S	01	2	TQ2	D1		26A			
61478		XA121	57		XA119	61				168	9		KXDV20	01	KXDV20	00	1	TQ2	E3		30B			
60374		XA121	58										GND	01				TQ2			27A			
60849		XA121	59										KIEN0R	03	KIEN3A	01	1	TQ2	E4		31B			
63766		XA121	60										SPO	01		00	1	TQ2	E2		28A			
61368		XA121	61		XA121	37				168	9		KXCP1B	12	KIEN3A	01	2	TQ2	E4		32B			
62360		XA121	62		XA144	72				168	9		SPIO131	33		01	1	TQ2	E2		29A			
60867		XA121	63										KIEN3A	02	KIEN3A	00	1	TQ2	E4		33B			
62379		XA121	64		XA121	78				168	9		SPIO141	18		01	2	TQ2	E2		30A			
60872		XA121	65		XA124	75				168	9		KDATNO	06	KPR0PA	01	1	TQ2	F3		34B			
60897		XA121	66										KKPE1A	02	KKPE1A	00	1	TQ2	F1		31A	DIVIDE BY 10 PARAL		
60375		XA121	67										GND	01				TQ2			40A			
61040		XA121	68		XA119	46				168	9		KK1290	05	KKPE1A	01	1	TQ2	F1		32A			
61083		XA121	69		XA122	76				168	9		KPR0PA	01	KPR0PA	00	1	TQ2	F3		35A			
60893		XA121	70		XA122	66				168	9		KKPE00	03	KKPE1A	01	2	TQ2	F1		33A			
61976		XA121	71		XA122	65				168	9		KXXC2Q	01	KXXCSA	01	1	TQ2	F2		36A			
61967		XA121	72		XA119	76				168	9		KXXCSA	01	KXXCSA	00	1	TQ2	F2		34A	IOU INPUT STROBE		
CONNECTOR	XA121	CONTINUED ON THE NEXT PAGE ***																						

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	PLUG	PREFIX	CONNECTOR	PIN	PLUG	MULTI GROUP	CODE	COLOR	IDENT									SPEC INET MISC	AND		
61990		XA121	73			XA128	49			168	9		KXXC4Q	01	KXXCSA	01	2	TQ2	F2		34B			
62037		XA121	74			XA118	61			168	9		KXXREFQ	01	KPROPA	01	2	TQ2	F3		35B			
60663		XA121	75			XA117	39			168	9		KCODESA	01	KCODESA	00	1	TQ2	F1		37B			
62355		XA121	76			XA122	79			168	9		SPIO131	28		01	1	TQ2	F4		37A			
60666		XA121	77										KCODESO	02	KCODESA	01	1	TQ2	F1		38B			
62380		XA121	78			XA120	77			168	9		SPIO141	19		01	2	TQ2	F4		38A			
62354		XA121	79			XA121	76			168	9		SPIO131	27	KCODESA	01	2	TQ2	F1		39B			
63767		XA121	80										SPO	01		00	1	TQ2	F4		39A			
60971		XA122	01			XA131	61			168	9		KK08C0	03	KK08C0	00	1	TQ2	A2		02B			
60376		XA122	02										GND	01				TQ2			01A			
60852		XA122	03										KIENOS	03	KIEN2A	01	1	TQ2	A3		02A			
60967		XA122	04			XA115	11			168	9		KK08CA	01	KK08C0	01	1	TQ2	A2		04A			
62332		XA122	05			XA122	13			168	9		SPIO131	05	KK08C0	01	2	TQ2	A2		03B			
61054		XA122	06			XA117	01			168	9		KLPT1A	02	KLPT1A	00	1	TQ2	A1		05A			
61376		XA122	07			XA118	14			168	9		KXCP1B	20	KIEN2A	01	2	TQ2	A3		03A			
61057		XA122	08			XA118	07			168	9		KLPT1Q	01	KLPT1A	01	1	TQ2	A1		06A			
60864		XA122	09			XA123	26			168	9		KIEN2A	01	KIEN2A	00	1	TQ2	A3		04B			
61404		XA122	10			XA122	26			168	9		KXCP3B	19	KLPT1A	01	2	TQ2	A1		07A			
62378		XA122	11			XA121	64			168	9		SPIO141	17		01	1	TQ2	A4		05B			
60059		XA122	12										+5V	01				TQ2						
62333		XA122	13			XA123	18			168	9		SPIO131	06		01	2	TQ2	A4		06B			
60876		XA122	14			XA123	74			168	9		KINT2A	02	KINT2A	00	1	TQ2	B2		09A		A01	
63768		XA122	15										SPO	01		00	1	TQ2	A4		07B			
60377		XA122	16										GND	01				TQ2			01B			
61094		XA122	17			XA123	33			168	9		KPOUT0	02	KPDT9A	01	1	TQ2	B3		08B			
60872		XA122	18			XA122	77			168	9		KINT10	01	KINT2A	01	1	TQ2	B2		10A			
61069		XA122	19			XA116	36			168	9		KPDTX1X	01	KPDT9A	01	2	TQ2	B3		09B			
62328		XA122	20			XA122	25			168	9		SPIO131	01	KINT2A	01	2	TQ2	B2		11A			
61073		XA122	21			XA120	14			168	9		KPDT9A	01	KPDT9A	00	1	TQ2	B3		10B		A01	
61110		XA122	22			XA124	40			168	9		KSNC1A	01	KSNC1A	00	1	TQ2	B1		12A			
60722		XA122	23			XA114	35			168	9		KDP7SA	01	KDP7S0	01	1	TQ2	B4		11B			
61129		XA122	24			XA115	24			168	9		KSNC2S	05	KSNC1A	01	1	TQ2	B1		13A			
62329		XA122	25			XA120	26			168	9		SPIO131	02	KDP7S0	01	2	TQ2	B4		12B			
61405		XA122	26			XA118	26			168	9		KXCP3B	20	KSNC1A	01	2	TQ2	B1		14A			
60732		XA122	27										KDP7S0	09	KDP7S0	00	1	TQ2	B4		13B			
60060		XA122	28										+5V	01				TQ2						
60592		XA122	29			XA121	52			168	9		KAEN2S	01	KAEN6A	01	1	TQ2	C3		14B			
60603		XA122	30										KAEN4A	02	KAEN4A	00	1	TQ2	C2		15A			
61371		XA122	31			XA122	36			168	9		KXCP1B	15	KAEN6A	01	2	TQ2	C3		15B			
60378		XA122	32										GND	01				TQ2			20B			
60608		XA122	33										KAEN6A	02	KAEN6A	00	1	TQ2	C3		16B			
60576		XA122	34			XA124	43			168	9		KAENQS	07	KAEN4A	07	1	TQ2	C2		16A			
60591		XA122	35										KAEN2R	03	KAEN7A	01	1	TQ2	C4		17B			
61372		XA122	36			XA122	42			168	9		KXCP1B	16	KAEN4A	01	2	TQ2	C2		17A			
61370		XA122	37			XA122	31			168	9		KXCP1B	14	KAEN7A	01	2	TQ2	C4		18B			
60596		XA122	38										KAEN3A	02	KAEN3A	00	1	TQ2	C1		18A			
60610		XA122	39										KAEN7A	02	KAEN7A	00	1	TQ2	C4		19B			
60573		XA122	40			XA124	41			168	9		KAENOR	01	KAEN3A	01	1	TQ2	C1		19A			
CONNECTOR XA122 CONTINUED ON THE NEXT PAGE ***																								

RECORD NUMBER	FROM				TO				WIRE				SIGNAL	SEQ NO	EQUATION	TERM	FACTOR	CKT OR CHIP TYPE	GROUP	LOAD OR POWER PLANE	TEST POINTS		SIGNAL DESCRIPTION	FCO NO
	PREFIX	CONNECTOR	PIN	WIRE NO	PREFIX	CONNECTOR	PIN	WIRE NO	MULTI GROUP	CODE	COLOR	IDENT									AND	OR		
60693		XA122	41										KDEVIS	02	KDEVIR	01	1	TQ2	D3		22B			
61373		XA122	42		XA124	37			168	9			KXCP1B	17	KAEN3A	01	2	TQ2	C1		20A			
61666		XA122	43		XA120	70			168	9			KXRSOB	39	KDEVIR	01	2	TQ2	D3		23B			
60379		XA122	44										GND	01				TQ2			21B			
60690		XA122	45		XA124	49			168	9			KDEVIR	02	KDEVIR	00	1	TQ2	D3		24B			
60719		XA122	46										KDEV3S	03	KDEV3S	00	1	TQ2	D2		21A	END INPUT COUNTER		
60862		XA122	47		XA120	53			168	9			KIEN1S	03	KIEN1A	01	1	TQ2	D4		25B			
60715		XA122	48		XA120	64			168	9			KDEV3R	01	KDEV3S	01	1	TQ2	D2		22A			
61395		XA122	49		XA123	50			168	9			KXCP3B	10	KIEN1A	01	2	TQ2	D4		26B			
60706		XA122	50										KDEV2A	02	KDEV3S	01	2	TQ2	D2		23A			
60854		XA122	51		XA115	78			168	9			KIEN1A	02	KIEN1A	00	1	TQ2	D4		27B			
60711		XA122	52		XA120	45			168	9			KDEV2S	02	KDEV2S	00	1	TQ2	D1		24A	END INPUT COUNTER		
60625		XA122	53		XA123	57			168	9			KAIENS	07	KIENRO	01	1	TQ2	E3		28B			
60709		XA122	54										KDEV2R	03	KDEV2S	01	1	TQ2	D1		25A			
60834		XA122	55										KEYINOX	03	KIENRO	01	2	TQ2	E3		29B			
60697		XA122	56										KDEVOA	04	KDEV2S	01	2	TQ2	D1		26A			
60838		XA122	57		XA123	59			168	9			KIENRO	01	KIENRO	00	1	TQ2	E3		30B			
60380		XA122	58										GND	01				TQ2			27A			
60917		XA122	59		XA133	46			168	9			KK03B4U	01	KK03QA	01	1	TQ2	E4		31B			
60605		XA122	60		XA132	75			168	9			KAEN5A	02	KAEN5A	00	1	TQ2	E2		28A			
62359		XA122	61		XA121	62			168	9			SPI0131	32	KK03QA	01	2	TQ2	E4		32B			
60601		XA122	62										KAEN3S	03	KAEN5A	01	1	TQ2	E2		29A			
60928		XA122	63		XA134	21			168	9			KK03QA	01	KK03QA	00	1	TQ2	E4		33B			
61391		XA122	64		XA120	62			168	9			KXCP3B	06	KAEN5A	01	2	TQ2	E2		30A			
61977		XA122	65		XA129	48			168	9			KXXC2Q	02	KXSKOA	01	1	TQ2	F3		34B			
60894		XA122	66		XA134	64			168	9			KKPE0D	04	KKPE0D	00	1	TQ2	E1		31A			
60381		XA122	67										GND	01				TQ2			40A			
60890		XA122	68										KKPEOA	03	KKPE0D	01	1	TQ2	E1		32A			
61787		XA122	69		XA127	35			168	9			KXSKOA	01	KXSKOA	00	1	TQ2	F3		35A			
62358		XA122	70		XA122	61			168	9			SPI0131	31	KKPE0D	01	2	TQ2	E1		33A			
61455		XA122	71										KXOPEA	02	KCDESO	01	1	TQ2	F2		36A			
60665		XA122	72		XA121	77			168	9			KCDESO	01	KCDESO	00	1	TQ2	F2		34A	SET COMPUTER DATA		
62059		XA122	73										KXOPEA	02	KCDESO	01	2	TQ2	F2		36B			
61981		XA122	74										KXXC3P	02	KXSKOA	01	2	TQ2	F3		35B			
60870		XA122	75		XA114	62			168	9			KINT1A	03	KINT1A	00	1	TQ2	F1		37B			
61084		XA122	76										KPRQPA	02	KPRQPO	01	1	TQ2	F4		37A			
60873		XA122	77		XA113	76			168	9			KINT1O	02	KINT1A	01	1	TQ2	F1		38B			
62357		XA122	78		XA122	70			168	9			SPI0131	30	KPRQPO	01	2	TQ2	F4		38A			
62356		XA122	79		XA122	78			168	9			SPI0131	29	KINT1A	01	2	TQ2	F1		39B			
61086		XA122	80										KPRQPO	02	KPRQPO	00	1	TQ2	F4		39A	REQUEST PENDING ON		
61050		XA123	01										KLPTBS	02	KLPTBS	00	1	TQ2	A2		02B	LOOP TEST BUSY F/F		
60382		XA123	02										GND	01				TQ2			01A			
61106		XA123	03										KSNCOR	03	KSNCOS	01	1	TQ2	A3		02A			
61046		XA123	04		XA124	07			168	9			KLPTBR	01	KLPTBS	01	1	TQ2	A2		04A			
62065		XA123	05		XA126	55			168	9			KXOD0A	03	KLPTBS	01	2	TQ2	A2		03B			
61061		XA123	06		XA124	06			168	9			KLPT2S	01	KLPT2S	00	1	TQ2	A1		05A	LOOP TEST DATA WAIT		
61140		XA123	07		XA115	71			168	9			KSYN1A	02	KSNCOS	01	2	TQ2	A3		03A			
61060		XA123	08										KLPT2R	02	KLPT2S	01	1	TQ2	A1		06A			
CONNECTOR		XA123	CONTINUED ON THE NEXT PAGE ***																					

RECORD NUMBER	FROM				TO				WIRE				SIGNAL	SEQ 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	GROUP	CODE	COLOR	IDENT											
61108		XA123	09		XA124	09			16B	9				KSNC0S	02	KSNC0S	00	1	TQ2	A3	04B	DEVICE COMMAND SYN	
61053		XA123	10		XA122	06			16B	9			KLPT1A	01	KLPT2S	01	2	TQ2	A1	07A			
60949		XA123	11		XA115	09			16B	9			KK04FA	01	KK04F0	01	1	TQ2	A4	05B			
60061		XA123	12										+5V	01									
62399		XA123	13		XA126	10			16B	9			SPI0151	01	KK04F0	01	2	TQ2	A4	06B			
61076		XA123	14										SPO	02		00	1	TQ2	B2	09A		A01	
60953		XA123	15		XA131	62			16B	9			KK04F0	03	KK04F0	00	1	TQ2	A4	07B			
60383		XA123	16										GND	01							01B		
60654		XA123	17		XA124	27			16B	9			KBUSYR	02	KBUSYS	01	1	TQ2	B3	08B			
61074		XA123	18		XA123	31			16B	9			SPI0131	065		01	1	TQ2	B2	10A		A01	
60648		XA123	19		XA115	21			16B	9			KBSY0A	01	KBUSYS	01	2	TQ2	B3	09B			
61072		XA123	20		XA123	13			16B	9			SPI0151	005		01	2	TQ2	B2	11A		A01	
60659		XA123	21		XA115	25			16B	9			KBUSYS	03	KBUSYS	00	1	TQ2	B3	10B			
60861		XA123	22		XA122	47			16B	9			KIEN1S	02	KIEN1S	00	1	TQ2	B1	12A			
61112		XA123	23		XA123	40			16B	9			KSNC1R	01	KSNC3A	01	1	TQ2	B4	11B			
60858		XA123	24		XA124	20			16B	9			KIEN1R	01	KIEN1S	01	1	TQ2	B1	13A			
61375		XA123	25		XA122	07			16B	9			KXCP1B	19	KSNC3A	01	2	TQ2	B4	12B			
60865		XA123	26										KIEN2A	02	KIEN1S	01	2	TQ2	B1	14A			
61132		XA123	27										KSNC3A	02	KSNC3A	00	1	TQ2	B4	13B			
60062		XA123	28										+5V	01									
61087		XA123	29		XA115	35			16B	9			KPOUTA	01	KPOUTO	01	1	TQ2	C3	14B			
61128		XA123	30		XA122	24			16B	9			KSNC2S	04	KSNC2S	00	1	TQ2	C2	15A		DEVICE COMMAND SYN	
60882		XA123	31		XA120	13			16B	9			SPI0131	07	KPOUTO	01	2	TQ2	C3	15B			A01
60384		XA123	32										GND	01							20R		
61095		XA123	33										KPOUTO	03	KPOUTO	00	1	TQ2	C3	16B		OUTPUT TO TTY ENAB	
61123		XA123	34		XA114	60			16B	9			KSNC2R	02	KSNC2S	01	1	TQ2	C2	16A			
62071		XA123	35		XA132	45			16B	9			KX0FRS	01	KXODRA	01	1	TQ2	C4	17B			
61120		XA123	36		XA126	46			16B	9			KSNC2A	02	KSNC2S	01	2	TQ2	C2	17A			
61926		XA123	37		XA125	25			16B	9			KXXB10	01	KXODRA	01	2	TQ2	C4	18B			
61117		XA123	38		XA115	14			16B	9			KSNC1S	03	KSNC1S	00	1	TQ2	C1	18A		DEVICE COMMAND SYN	
62060		XA123	39		XA124	59			16B	9			KXODRA	01	KXODRA	00	1	TQ2	C4	19B		DFR RESET	
61113		XA123	40		XA124	36			16B	9			KSNC1R	02	KSNC1S	01	1	TQ2	C1	19A			
61802		XA123	41		XA129	37			16B	9			KXST1Q	01	KXST1A	01	1	TQ2	D3	22B			
61102		XA123	42		XA114	59			16B	9			KSNC0A	01	KSNC1S	01	2	TQ2	C1	20A			
61397		XA123	43		XA127	43			16B	9			KXCP3B	12	KXST1A	01	2	TQ2	D3	23B			
60385		XA123	44										GND	01							21B		
61799		XA123	45		XA128	42			16B	9			KXST1A	01	KXST1A	00	1	TQ2	D3	24B			
60580		XA123	46		XA115	75			16B	9			KAEN1A	02	KAEN1A	00	1	TQ2	D2	21A			
61067		XA123	47		XA116	77			16B	9			KPBZY0	02	KBUSYA	01	1	TQ2	D4	25B			
60584		XA123	48		XA121	33			16B	9			KAEN1S	01	KAEN1A	01	1	TQ2	D2	22A			
62418		XA123	49		XA123	61			16B	9			SPI0151	20	KBUSYA	01	2	TQ2	D4	26B			
61396		XA123	50		XA123	43			16B	9			KXCP3B	11	KAEN1A	01	2	TQ2	D2	23A			
60652		XA123	51										KBUSYA	03	KBUSYA	00	1	TQ2	D4	27B		HARDWARE BUSY WHEN	
60851		XA123	52		XA122	03			16B	9			KIEN0S	02	KIEN0S	00	1	TQ2	D1	24A		INPUT COUNTER BIT	
60618		XA123	53										KAIENR	02	KAIENS	01	1	TQ2	E3	28B			
60848		XA123	54		XA121	59			16B	9			KIENOR	02	KIEN0S	01	1	TQ2	D1	25A			
60635		XA123	55		XA125	76			16B	9			KAINOA	01	KAIENS	01	2	TQ2	E3	29B			
60843		XA123	56										KIENOA	02	KIEN0S	01	2	TQ2	D1	26A			
60626		XA123	57		XA125	55			16B	9			KAIENS	08	KAIENS	00	1	TQ2	E3	30B		AUTO INPUT MODE EN	
60386		XA123	58										GND	01							27A		
CONNECTOR		XA123	CONTINUED ON THE NEXT PAGE ****																				

RECORD NUMBER	FROM				TO				WIRE				SIGNAL	SEQ 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	PREFIX	CONNECTOR	PIN	REL	MULTI GROUP	CODE	COLOR	IDENT											
60839		XA123	59										KIENR0	02	KIENRA	01	1	TQ2	F4		31B		
60885		XA123	60		XA124	53				16B	9		KIOUTS	01	KIOUTS	00	1	TQ2	E2		28A	PRINT INHIBIT F/E	
62419		XA123	61		XA123	78				16B	9		SPIO151	21	KIENRA	01	2	TQ2	E4		32B		
60884		XA123	62		XA126	61				16B	9		KIOUTR	02	KIOUTS	01	1	TQ2	E2		29A		
60837		XA123	63		XA126	59				16B	9		KIENRA	03	KIENRA	00	1	TQ2	E4		33B	RESET INPUT DATA	
61098		XA123	64		XA122	51				16B	9		KIEN1A	015	KIOUTS	01	2	TQ2	E2		30A	A01	
62011		XA123	65		XA124	80				16B	9		KXXDIR	03	KXXDIS	01	1	TQ2	F3		34B	A01	
60981		XA123	66										KK0870	03	KK0870	00	1	TQ2	F1		31A		
60387		XA123	67										GND	01				TQ2			40A		
60977		XA123	68		XA124	50				16B	9		KK087A	01	KK0870	01	1	TQ2	E1		32A		
62015		XA123	69										KXXDIS	03	KXXDIS	00	1	TQ2	F3		35A	INTERRUPT WAIT FOR	
62423		XA123	70		XA124	72				16B	9		SPIO151	25	KK0870	01	2	TQ2	E1		33A		
61472		XA123	71										KXDVA	02	KXDV10	01	1	TQ2	F2		36A		
61473		XA123	72		XA128	30				16B	9		KXDV10	01	KXDV10	00	1	TQ2	F2		34A	DEV COMMAND DATA	
62422		XA123	73		XA123	70				16B	9		SPIO151	24	KXDV10	01	2	TQ2	F2		36B		
60877		XA123	74		XA115	79				16B	9		KINT2A	03	KXXDIS	01	2	TQ2	F3		35B		
63769		XA123	75										SPO	01		00	1	TQ2	F1		37B		
61485		XA123	76		XA124	60				16B	9		KXEA0A	015	KXEA00	01	1	TQ2	F4		37A	A01	
62421		XA123	77		XA123	73				16B	9		SPIO151	23		01	1	TQ2	F1		38B		
62420		XA123	78		XA123	77				16B	9		SPIO151	22	KXEA00	01	2	TQ2	F4		38A		
62382		XA123	79		XA124	71				16B	9		SPIO141	21		01	2	TQ2	F1		39B		
61490		XA123	80		XA120	78				16B	9		KXEA00	03	KXEA00	00	1	TQ2	F4		39A		
61049		XA124	01		XA123	01				16B	9		KLPTBS	01	KLPTBR	01	1	TT3	A2		02B		
60388		XA124	02										GND	01				TT3			01B		
61995		XA124	03		XA124	08				16B	9		KXXDDP	02	KLPTBR	01	2	TT3	A2		02A		
61059		XA124	04		XA123	08				16B	9		KLPT2R	01	KLPT2R	00	1	TT3	A1		04A		
61650		XA124	05		XA124	25				16B	9		KXRSOB	23	KLPTBR	01	3	TT3	A2		03B		
61062		XA124	06		XA127	65				16B	9		KLPT2S	02	KLPT2R	01	1	TT3	A1		05A		
61047		XA124	07		XA125	20				16B	9		KLPTBR	02	KLPTBR	00	1	TT3	A2		03A		
61996		XA124	08		XA125	66				16B	9		KXXDDP	03	KLPT2R	01	2	TT3	A1		04A		
61109		XA124	09										KSNCOS	03	KSNCOR	01	1	TT3	A3		04B		
61648		XA124	10		XA124	13				16B	9		KXRSOB	21	KLPT2R	01	3	TT3	A1		07A		
60868		XA124	11		XA124	23				16B	9		KINT1A	01	KSNCOR	01	2	TT3	A3		05B		
60063		XA124	12										+5V	01				TT3					
61649		XA124	13		XA124	05				16B	9		KXRSOB	22	KSNCOR	01	3	TT3	A3		06B		
61093		XA124	14		XA122	17				16B	9		KPOUTO	01	KPDT8A	01	1	TT3	B2		09A		
61105		XA124	15		XA123	03				16B	9		KSNCOR	02	KSNCOR	00	1	TT3	A3		07B		
60389		XA124	16										GND	01				TT3			21B		
60747		XA124	17		XA130	57				16B	9		KDOPBP	01	KPDT8A	01	2	TT3	B2		08B		
61033		XA124	18		XA121	25				16B	9		KK1280	01	KPDT8A	01	3	TT3	B2		10A		
61071		XA124	19		XA120	17				16B	9		KPDT8A	01	KPDT8A	00	1	TT3	B2		09B	A01	
60859		XA124	20										KIEN1R	02	KIEN1R	00	1	TT3	B1		11A		
60658		XA124	21		XA123	21				16B	9		KBUSYS	02	KBUSYR	01	1	TT3	B3		10B		
60860		XA124	22		XA123	22				16B	9		KIEN1S	01	KIEN1R	01	1	TT3	B1		12A		
60869		XA124	23		XA122	75				16B	9		KINT1A	02	KBUSYR	01	2	TT3	B3		11B		
60866		XA124	24		XA121	63				16B	9		KIEN3A	01	KIEN1R	01	2	TT3	B1		13A		
61651		XA124	25		XA124	26				16B	9		KXRSOB	24	KBUSYR	01	3	TT3	B3		12B		
61652		XA124	26		XA124	34				16B	9		KXRSOB	25	KIEN1R	01	3	TT3	B1		14A		
CONNECTOR		XA124	CONTINUED ON THE NEXT PAGE ****																				

RECORD NUMBER	FROM				TO				WIRE				SIGNAL	SEQ NO	EQUATION	TERM	FACTOR	CKT OR CHIP TYPE	GROUP	LOAD OR POWER PLANE	TEST POINTS AND/OR	SIGNAL DESCRIPTION	ECO NO		
	PREFIX	CONNECTOR	PIN	PLATE	PREFIX	CONNECTOR	PIN	PLATE	MULTI GROUP	CODE	COLOR	IDENT												SPC INST WIRE	
60655		XA124	27		XA132	71				16B	9			KBUSYR	03	KBUSYR	00	1	TT3	B3		13B			
60064		XA124	28											+5V	01				TT3						
61127		XA124	29		XA123	30				16B	9			KSNC2S	03	KSNC2R	01	1	TT3	C2		14B			
61131		XA124	30		XA123	27				16B	9			KSNC3A	01	KSNC2R	01	2	TT3	C2		15A			
61122		XA124	31		XA123	34				16B	9			KSNC2R	01	KSNC2R	00	1	TT3	C2		15B			
60390		XA124	32											GND	01				TT3			27A			
60710		XA124	33		XA122	52				16B	9			KDEV2S	01	KDEV2A	01	1	TT3	C3		16B			
61653		XA124	34		XA124	42				16B	9			KXRSOB	26	KSNC2R	01	3	TT3	C2		16A			
62034		XA124	35		XA124	47				16B	9			KXXREP	01	KDEV2A	01	2	TT3	C3		17B			
61114		XA124	36											KSNC1R	03	KSNC1R	00	1	TT3	C1		17A			
61374		XA124	37		XA123	25				16B	9			KXCP1B	18	KDEV2A	01	3	TT3	C3		18B			
61116		XA124	38		XA123	38				16B	9			KSNC1S	02	KSNC1R	01	1	TT3	C1		18A			
60705		XA124	39		XA122	50				16B	9			KDEV2A	01	KDEV2A	00	1	TT3	C3		19B			
61111		XA124	40											KSNC1A	02	KSNC1R	01	2	TT3	C1		19A			
60574		XA124	41		XA125	45				16B	9			KAENOR	02	KAENOS	01	1	TT3	D2		22B			
61654		XA124	42		XA125	50				16B	9			KXRSOB	27	KSNC1R	01	3	TT3	C1		20A			
60577		XA124	43		XA125	43				16B	9			KAENOS	02	KAENOS	00	1	TT3	D2		23B	OUTPUT COUNTER BIT		
60391		XA124	44											GND	01				TT3			40A			
62033		XA124	45											KXXRCO	02	KXXRCA	01	1	TT3	D3		24B			
60570		XA124	46		XA121	36				16B	9			KAENOA	01	KAENOS	01	2	TT3	D2		21A			
62035		XA124	47		XA118	59				16B	9			KXXREP	02	KXXRCA	01	2	TT3	D3		25B			
60588		XA124	48											KAEN2A	02	KAENOS	01	3	TT3	D2		22A			
60691		XA124	49											KDEVIR	03	KXXRCA	01	3	TT3	D3		26B			
60978		XA124	50											KK087A	02	KK087A	00	1	TT3	D1		23A	KK08 BITS STATE 7		
62026		XA124	51		XA117	63				16B	9			KXXRCA	01	KXXRCA	00	1	TT3	D3		27B	SET IOU REQUEST		
60963		XA124	52		XA115	08				16B	9			KK08B3U	02	KK087A	01	1	TT3	D1		24A			
60886		XA124	53											KIOUTS	02	KIOUTR	01	1	TT3	E2		28B		A01	
60960		XA124	54		XA119	53				16B	9			KK08B2U	02	KK087A	01	2	TT3	D1		25A			
60883		XA124	55		XA123	62				16B	9			KIOUTR	01	KIOUTR	00	1	TT3	E2		29B			
60957		XA124	56		XA133	54				16B	9			KK08B1U	02	KK087A	01	3	TT3	D1		26A			
60721		XA124	57											KDP7RA	02	KORS00	01	1	TT3	E3		30B			
60392		XA124	58											GND	01				TT3			40B			
62061		XA124	59		XA120	71				16B	9			KXODRA	02	KORS00	01	2	TT3	E3		31B			
60880		XA124	60		XA125	11				16B	9			KXEAQA	02	KIOUTR	01	2	TT3	E2		28A		A01	
61659		XA124	61		XA120	56				16B	9			KXRSOB	32	KORS00	01	3	TT3	E3		32B			
61658		XA124	62		XA124	61				16B	9			KXRSOB	31	KIOUTR	01	3	TT3	E2		29A			
60739		XA124	63		XA127	71				16B	9			KORS00	01	KORS00	00	1	TT3	E3		33B	RESET DATA REGIST		
60841		XA124	64											KIENSA	02	KIENSA	00	1	TT3	F1		30A	START MAIN TIME		
62232		XA124	65		XA125	72				16B	9			SPI0031	26		01	1	TT3	F2		34B			
60629		XA124	66		XA131	71				16B	9			KAIENS	11	KIENSA	01	1	TT3	F1		31A			
60393		XA124	67											GND	01				TT3						
60844		XA124	68		XA118	62				16B	9			KIEN0Q	01	KIENSA	01	2	TT3	F1		32A			
62014		XA124	69		XA123	69				16B	9			KXXDIS	02	KXXDIR	01	1	TT3	F3		35A			
60857		XA124	70											KIEN1P	02	KIENSA	01	3	TT3	F1		33A			
62383		XA124	71		XA125	73				16B	9			SPI0141	22		01	2	TT3	F2		36A			
62424		XA124	72		XA125	74				16B	9			SPI0151	26		01	3	TT3	F2		34A			
60631		XA124	73		XA125	60				16B	9			KAIERA	01	KAIERA	00	1	TT3	F1		36B	RESET AUTO INPUT		
63770		XA124	74											SPO	01		00	1	TT3	F2		35B			
60673		XA124	75		XA125	75				16B	9			KDAINO	07	KAIERA	01	1	TT3	F1		37B			
61554		XA124	76		XA137	66				16B	9			KXINHR	01	KXXDIR	01	2	TT3	F3		37A			
CONNECTOR (XA124) CONTINUED ON THE NEXT PAGE ****																									

RECORD NUMBER	FROM			TO			WIRE			SPEC INST DISC	SIGNAL	SEQ NO	EQUATION	TERM	FACTOR	CKT OR CHIP TYPE	GROUP	LOAD OR POWER PLANE	TEST POINTS AND/OR	SIGNAL DESCRIPTION	FCO NO
	PREFIX	CONNECTOR	PIN	PREFIX	CONNECTOR	PIN	MULTI GROUP	CODE	COLOR												
61498		XA124	77		XA127	41				16B	9		KXE810	01	KAIERA	01	2	TT3	F1	38B	
62005		XA124	78		XA125	68				16B	9		KXXDIP	03	KXXDIR	01	3	TT3	F3	38A	
61390		XA124	79		XA122	64				16B	9		KXCP3B	05	KAIERA	01	3	TT3	F1	39B	
62012		XA124	80										KXXDIR	04	KXXDIR	00	1	TT3	F3	39A	
60755		XA125	01		XA120	06				16B	9		KDOUTQ	03	KXDPEA	01	1	TD4	A2	02B	
60394		XA125	02										GND	01				TD4		01A	
60168		XA125	03										DNW	01				TD4			
61508		XA125	04		XA125	24				16B	9		KXENAS	01	KXDPEA	01	2	TD4	A2	04A	
61712		XA125	05										KXRPPR	04	KXDPEA	01	3	TD4	A2	03B	
61753		XA125	06										KMR1CB	09	KXEAOA	01	1	TD4	A1	05A	
61888		XA125	07		XA125	26				16B	9		KXXA50	01	KXDPEA	01	4	TD4	A2	03A	
61604		XA125	08										KXRENS	03	KXEAOA	01	2	TD4	A1	06A	
61454		XA125	09		XA122	71				16B	9		KXDPEA	01	KXDPEA	00	1	TD4	A2	04B	AUTO OUTPUT COMND
62055		XA125	10		XA138	72				16B	9		KXX050	01	KXEAOA	01	3	TD4	A1	07A	
61486		XA125	11		XA135	19				16B	9		KXEAOA	03	KXEAOA	00	1	TD4	A1	05B	SET ENABLE ADDRESS
60065		XA125	12										+5V	01				TD4			
61705		XA125	13		XA131	37				16B	9		KXROPA	03	KXEAOA	01	4	TD4	A1	06B	
61104		XA125	14		XA124	15				16B	9		KSNCOR	01	KPBZY0	01	1	TD4	B2	09A	
60169		XA125	15										DNW	01				TD4			
60395		XA125	16										GND	01				TD4		20B	
60170		XA125	17										DNW	01				TD4			
60875		XA125	18		XA122	14				16B	9		KINT2A	01	KPBZY0	01	2	TD4	B2	10A	
62009		XA125	19		XA121	55				16B	9		KXXDIR	01	KPBZY0	01	3	TD4	B2	09B	
61048		XA125	20										KLPTBR	03	KPBZY0	01	4	TD4	B2	11A	
61066		XA125	21		XA123	47				16B	9		KPBZY0	01	KPBZY0	00	1	TD4	B2	10B	TTY HARDWARE BUSY
60754		XA125	22		XA125	01				16B	9		KDOUTQ	02	KXEDOA	01	1	TD4	B1	12A	
61505		XA125	23										KXEDOA	04	KXEDOA	00	1	TD4	B1	11B	AUTO OUTPUT DATA
61509		XA125	24		XA135	21				16B	9		KXENAS	02	KXEDOA	01	2	TD4	B1	13A	
61927		XA125	25		XA131	04				16B	9		KXXB10	02	KXEDOA	01	3	TD4	B1	12B	
61889		XA125	26		XA132	37				16B	9		KXXA50	02	KXEDOA	01	4	TD4	B1	14A	
60171		XA125	27										DNW	01				TD4			
60066		XA125	28										+5V	01				TD4			
60172		XA125	29										DNW	01				TD4			
61346		XA125	30										KXCA10	07	KXROA	01	1	TD4	C2	15A	
61440		XA125	31		XA126	24				16B	9		KXDEVA	01	KXROA	01	2	TD4	C2	15B	
60396		XA125	32										GND	02				TD4		21B	
62082		XA125	33										KXROA	02	KXROA	00	1	TD4	C2	16B	COMMAND IS OFR
62077		XA125	34										KXOFRO	02	KXROA	01	3	TD4	C2	16A	
61469		XA125	35										KXDVOA	02	KXDVOA	00	1	TD4	C1	17B	SET DEVICE COMMANDAO1
60650		XA125	36		XA125	42				16B	9		KBUSYA	01	KXROA	01	4	TD4	C2	17A	
61345		XA125	37		XA125	30				16B	9		KXCA10	06	KXDVOA	01	1	TD4	C1	18B	
61451		XA125	38		XA126	22				16B	9		KXDEVO	01	KXDVOA	01	2	TD4	C1	18A	
60173		XA125	39										DNW	01				TD4			
61461		XA125	40										KXDVCO	03	KXDVOA	01	3	TD4	C1	19A	
60174		XA125	41										DNW	01				TD4			
60651		XA125	42		XA123	51				16B	9		KBUSYA	02	KXDVOA	01	4	TD4	C1	20A	
60578		XA125	43										KAENOS	03	KAENOR	01	1	TD4	D2	23B	
60397		XA125	44										GND	01				TD4		27A	
CONNECTOR	XA125	CONTINUED ON THE NEXT PAGE ****																			

RECORD NUMBER	FROM				TO				WIRE				SFC INST NO	SIGNAL	SEQ NO	EQUATION	TERM	FACTOR	CKT OR CHIP TYPE	GROUP	LOAD OR POWER PLANE	TEST POINTS		SIGNAL DESCRIPTION	ECO NO
	PREFIX	CONNECTOR	PIN	DRUG	PREFIX	CONNECTOR	PIN	DRUG	MULTI GROUP	CODE	COLOR	IDENT										AND	OR		
60575		XA125	45											KAENOR	03	KAENOR	00	1	TD4	D2		24B			
60640		XA125	46			XA121	30			16B	9			KAOENS	01	KAENOR	01	2	TD4	D2		21A			
60847		XA125	47			XA123	54			16B	9			KIENOR	01	KIENOR	00	1	TD4	D1		25B			
60579		XA125	48			XA123	46			16B	9			KAENIA	01	KAENOR	01	3	TD4	D2		22A			
60850		XA125	49			XA123	52			16B	9			KIENOS	01	KIENOR	01	1	TD4	D1		26B			
61655		XA125	50			XA125	56			16B	9			KXRSOB	28	KAENOR	01	4	TD4	D2		23A			
60175		XA125	51											DNW	01				TD4						
60853		XA125	52			XA123	64			16B	9			KIENIA	01	KIENOR	01	2	TD4	D1		24A		A01	
60176		XA125	53											DNW	01				TD4						
60628		XA125	54			XA124	66			16B	9			KAIENS	10	KIENOR	01	3	TD4	D1		25A			
60627		XA125	55			XA125	54			16B	9			KAIENS	09	KAIENR	01	1	TD4	E2		29B			
61656		XA125	56			XA125	64			16B	9			KXRSOB	29	KIENOR	01	4	TD4	D1		26A			
60617		XA125	57			XA123	53			16B	9			KAIENR	01	KAIENR	00	1	TD4	E2		30B			
60398		XA125	58											GND	01				TD4			40A			
61965		XA125	59			XA118	75			16B	9			KXXCRO	05	KXXCRO	00	1	TD4	E1		31B		IOU INPUT STROBE	
60632		XA125	60			XA118	39			16B	9			KAIERA	02	KAIENR	01	2	TD4	E2		28A			
61954		XA125	61											KXXCIP	03	KXXCRO	01	1	TD4	E1		32B			
60823		XA125	62											KETXIA	04	KAIENR	01	3	TD4	E2		29A			
60177		XA125	63											DNW	01				TD4						
61657		XA125	64			XA124	62			16B	9			KXRSOB	30	KAIENR	01	4	TD4	E2		30A			
60178		XA125	65											DNW	01				TD4						
61997		XA125	66			XA117	76			16B	9			KXXODP	04	KXXCRO	01	2	TD4	F1		31A			
60399		XA125	67											GND	01				TD4			40B			
62006		XA125	68			XA132	59			16B	9			KXXDIP	04	KXXCRO	01	3	TD4	E1		32A			
63771		XA125	69											SPO	01		00	1	TD4	F2		35A			
62023		XA125	70			XA132	61			16B	9			KXXDSP	03	KXXCRO	01	4	TD4	E1		33A			
62249		XA125	71			XA113	79			16B	9			SPI0041	11		01	1	TD4	F2		36A			
62233		XA125	72			XA129	36			16B	9			SPI0031	27		01	2	TD4	F2		34A		B02	
62384		XA125	73			XA126	77			16B	9			SPI0141	23		01	3	TD4	F2		36B			
62425		XA125	74			XA126	73			16B	9			SPI0151	27		01	4	TD4	E2		35B			
60674		XA125	75			XA130	37			16B	9			KDAINQ	08	KAINOA	01	1	TD4	F1		37B			
60636		XA125	76											KAINOA	02	KAINOA	00	1	TD4	F1		37A		START INPUT COMMAND	
61126		XA125	77			XA124	29			16B	9			KSNC2S	02	KAINOA	01	2	TD4	F1		38B			
60657		XA125	78			XA124	21			16B	9			KBUSYS	01	KAINOA	01	3	TD4	F1		38A			
61389		XA125	79			XA124	79			16B	9			KXCP3B	04	KAINOA	01	4	TD4	F1		39B			
60179		XA125	80											DNW	01				TD4						
61400		XA126	01			XA126	15			16B	9		P	KXCP30	15	KXCP3B	01	1	TQ2	A2		02B			
61415		XA126	01										J	KXCP30	01	KXCP30	00	1	TQ2	A2		02B		KXCP3B BUSS	
60400		XA126	02											GND	01				TQ2			01A			
61384		XA126	03			XA126	04			16B	9			KXCP3A	03	KXCP40	01	1	TQ2	A3		02A			
61385		XA126	04											KXCP3A	04	KXCP30	01	1	TQ2	A2		04A			
62402		XA126	05			XA127	05			16B	9			SPI0151	04	KXCP30	01	2	TQ2	A2		03B			
61613		XA126	06			XA138	31			16B	9			KXRRSA	01	KXRRSA	00	1	TQ2	A1		05A		RESET I/O INPUT	
62401		XA126	07			XA126	05			16B	9			SPI0151	03	KXCP40	01	2	TQ2	A3		03A			
61626		XA126	08											KXRRS0	02	KXRRSA	01	1	TQ2	A1		06A			
61402		XA126	09			XA120	10			16B	9		P	KXCP40	17	KXCP3B	01	2	TQ2	A3		04B			
61416		XA126	09										J	KXCP40	01	KXCP40	00	1	TQ2	A3		04B		KXCP3B BUSS	
62400		XA126	10			XA126	07			16B	9			SPI0151	02	KXRRSA	01	2	TQ2	A1		07A			
CONNECTOR (XA126) CONTINUED ON THE NEXT PAGE ****																									

RECORD NUMBER	FROM				TO				WIRE				SIGNAL	SEQ NO	EQUATION	TERM	FACTOR	CKT OR CHIP TYPE	GROUP	LOAD OR POWER PLANE	TEST POINTS AND/OR	SIGNAL DESCRIPTION	LCO NO
	PREFIX	CONNECTOR	PIN	PLANE	PREFIX	CONNECTOR	PIN	PLANE	MULTI GROUP	CODE	COLOR	IDENT											
61383		XA126	11		XA126	03				168	9		KXCP3A	02	KXCP50	01	1	TQ2	A4		05B		
60067		XA126	12										+5V	01				TQ2					
62406		XA126	13		XA126	19				168	9		SPI0151	08	KXCP50	01	2	TQ2	A4		06B		
61142		XA126	14		XA127	17				168	9		KSYN10	01	KSYN10	00	1	TQ2	B2		09A		
61401		XA126	15		XA126	09				168	9		KXCP50	16	KXCP3B	01	3	TQ2	A4		07B	CLOCK PHASE 3 BUS	
61417		XA126	15									J	KXCP50	01	KXCP50	00	1	TQ2	A4		07B	KXCP3B BUSS	
60401		XA126	16										GND	01				TQ2				01B	
61582		XA126	17		XA126	18				168	9		KXRAF5T	01	KDAINO	01	1	TQ2	B3		08B		
61583		XA126	18		XA134	07				168	9		KXRAF5T	02	KSYN10	01	1	TQ2	B2		10A		
62407		XA126	19		XA127	26				168	9		SPI0151	09	KDAINO	01	2	TQ2	B3		09B		
61588		XA126	20		XA134	11				168	9		KXRAF7T	02	KSYN10	01	2	TQ2	B2		11A	B02	
60677		XA126	21										KDAINO	02	KDAINO	00	1	TQ2	B3		10B		
61452		XA126	22		XA132	11				168	9		KXDEVO	02	KXDEVO	00	1	TQ2	B1		12A		
61587		XA126	23		XA126	20				168	9		KXRAF7T	01	KDOUTO	01	1	TQ2	B4		11B		
61441		XA126	24		XA127	38				168	9		KXDEVA	02	KXDEVO	01	1	TQ2	B1		13A		
62411		XA126	25		XA126	31				168	9		SPI0151	13	KDOUTO	01	2	TQ2	B4		12B		
62410		XA126	26		XA126	25				168	9		SPI0151	12	KXDEVO	01	2	TQ2	B1		14A		
60762		XA126	27										KDOUTO	02	KDOUTO	00	1	TQ2	B4		13B		
60068		XA126	28										+5V	01				TQ2					
61682		XA126	29		XA138	27				168	9		KXRS00	03	KXRS5A	01	1	TQ2	C3		14B		
61690		XA126	30										KXRS4A	03	KXRS1B	01	2	TQ2	C2		15A	MASTER RESET BUS 1	
61693		XA126	30									J	KXRS4A	01	KXRS4A	00	1	TQ2	C2		15A	KXRS1B BUSS	
62412		XA126	31		XA126	42				168	9		SPI0151	14	KXRS5A	01	2	TQ2	C3		15B		
60402		XA126	32										GND	01				TQ2				20B	
61688		XA126	33		XA126	38				168	9		KXRS5A	01	KXRS1B	01	3	TQ2	C3		16B	MASTER RESET BUS 1	
61694		XA126	33									J	KXRS5A	01	KXRS5A	00	1	TQ2	C3		16B	KXRS1B BUSS	
61681		XA126	34		XA126	29				168	9		KXRS00	02	KXRS4A	01	1	TQ2	C2		16A		
61719		XA126	35		XA133	33				168	9		KXR094T	01	KXIRCO	01	1	TQ2	C4		17B		
62414		XA126	36		XA126	37				168	9		SPI0151	16	KXRS4A	01	2	TQ2	C2		17A		
62415		XA126	37		XA126	43				168	9		SPI0151	17	KXIRCO	01	2	TQ2	C4		18B		
61689		XA126	38		XA126	30				168	9		KXRS3A	02	KXRS1B	01	1	TQ2	C1		18A	MASTER RESET BUS 1	
61692		XA126	38									J	KXRS3A	01	KXRS3A	00	1	TQ2	C1		18A	KXRS1B BUSS	
61565		XA126	39		XA132	23				168	9		KXIRCO	01	KXIRCO	00	1	TQ2	C4		19B		
61680		XA126	40		XA126	34				168	9		KXRS00	01	KXRS3A	01	1	TQ2	C1		19A		
61807		XA126	41										KXST20	02	KXST2A	01	1	TQ2	D3		22B		
62413		XA126	42		XA126	36				168	9		SPI0151	15	KXRS3A	01	2	TQ2	C1		20A		
62416		XA126	43		XA126	49				168	9		SPI0151	18	KXST2A	01	2	TQ2	D3		23B		
60403		XA126	44										GND	01				TQ2				21B	
61804		XA126	45		XA128	39				168	9		KXST2A	01	KXST2A	00	1	TQ2	D3		24B		
61121		XA126	46										KSN2A	03	KSN2A	00	1	TQ2	D2		21A		
62387		XA126	47		XA132	60				168	9		SPI0141	26	KXGN3A	01	1	TQ2	D4		25B	B02	
61115		XA126	48		XA124	38				168	9		KSN2A	01	KSN2A	01	1	TQ2	D2		22A		
62417		XA126	49		XA123	49				168	9		SPI0151	19	KXGN3A	01	2	TQ2	D4		26B		
61367		XA126	50		XA121	61				168	9		KXCP1B	11	KSN2A	01	2	TQ2	D2		23A		
61541		XA126	51		XA129	54				168	9		KXGN3A	06	KXGN3A	00	1	TQ2	D4		27B		
61551		XA126	52										KXHST0	02	KXHST0	00	1	TQ2	D1		24A		
61504		XA126	53		XA125	23				168	9		KXED0A	03	KDCP10	01	1	TQ2	E3		28B		
61716		XA126	54										KXR091T	02	KXHST0	01	1	TQ2	D1		25A		
62066		XA126	55		XA126	64				168	9		KX000A	04	KDCP10	01	2	TQ2	E3		29B		
62431		XA126	56		XA144	65				168	9		SPI0151	33	KXHST0	01	2	TQ2	D1		26A		
CONNECTOR XA126 CONTINUED ON THE NEXT PAGE ****																							

RECORD NUMBER	FROM				TO				WIRE				SFC INST. UNIT	SIGNAL	SEQ NO	EQUATION	TERM	FACTOR	CKT OR CHIP TYPE	GROUP	LOAD OR POWER PLANE	TEST POINTS AND/OR	SIGNAL DESCRIPTION	ECO NO		
	PREFIX	CONNECTOR	PIN	PL	PREFIX	CONNECTOR	PIN	PL	WIRE NO	MULTI GROUP	CODE	COLOR													IDENT	
60688		XA126	57											KDCP10	05	KDCP10	00	1	TQ2	E3		30B	DATA REGISTER CLOC			
60404		XA126	58											GND	01				TQ2				27A			
62430		XA126	59											KIENRA	04	KOUTOA	01	1	TQ2	E4			31B		A01	
60678		XA126	60		XA129	60					16B	9		KDCP00	01	KDCP00	00	1	TQ2	E2			28A	DATA REGISTER CLOC		
62386		XA126	61											KIOUTR	03	KOUTOA	01	2	TQ2	E4			32B		A01	
61503		XA126	62		XA126	53					16B	9		KXEDOA	02	KDCP00	01	1	TQ2	E2			29A			
63772		XA126	63											KOUTOA	02	KOUTOA	00	1	TQ2	E4			33B	SEND KEYBOARD DATA	A01	
62067		XA126	64		XA132	51					16B	9		KX000A	05	KDCP00	01	2	TQ2	E2			30A			
62013		XA126	65		XA124	69					16B	9		KXXDIS	01	KXXDIA	01	1	TQ2	F3			34B			
62096		XA126	66		XA127	59					16B	9		K16MHA	01	K16MHA	00	1	TQ2	F1			31A	16 MHZ RECEIVER		
60405		XA126	67											GND	01				TQ2				40A			
63921		XA126	68											T16MHA	04	K16MHA	01	1	TQ2	F1			32A			
62001		XA126	69		XA118	65					16B	9		KXXDIA	01	KXXDIA	00	1	TQ2	F3			35A			
62427		XA126	70		XA126	78					16B	9		SPI0151	29	K16MHA	01	2	TQ2	F1			33A			
61959		XA126	71		XA115	69					16B	9		KXXC10	01	KXXCIA	01	1	TQ2	F2			36A			
61950		XA126	72		XA129	51					16B	9		KXXCIA	01	KXXCIA	00	1	TQ2	F2			34A			
62426		XA126	73		XA126	70					16B	9		SPI0151	28	KXXCIA	01	2	TQ2	F2			36B			
61489		XA126	74		XA123	80					16B	9		KXEA00	02	KXXDIA	01	2	TQ2	F3			35B			
63773		XA126	75											SPO	01				TQ2	F1			37B			
62000		XA126	76											KXXDDO	02	KXXDDA	01	1	TQ2	F4			37A			
62385		XA126	77		XA126	47					16B	9		SPI0141	24				TQ2	F1			38B		A01	
62428		XA126	78		XA126	79					16B	9		SPI0151	30	KXXDDA	01	2	TQ2	F4			38A			
62429		XA126	79		XA126	56					16B	9		SPI0151	31				TQ2	F1			39B		A01	
61993		XA126	80											KXXDDA	02	KXXDDA	00	1	TQ2	F4			39A			
61352		XA127	01										J	KXCP00	01	KXCP00	00	1	TQ2	A2			02B	KXCP1B BUSS		
61357		XA127	01		XA127	09					16B	9		P	KXCP00	01	KXCP1B	01	3	TQ2	A2			02B	CLOCK PHASE 1 BUS	
60406		XA127	02											GND	01				TQ2				01A			
61354		XA127	03		XA127	11					16B	9		KXCP1A	02	KXCP10	01	1	TQ2	A3			02A			
61353		XA127	04		XA127	03					16B	9		KXCP1A	01	KXCP00	01	1	TQ2	A2			04A			
62403		XA127	05		XA127	07					16B	9		SPI0151	05	KXCP00	01	2	TQ2	A2			03B			
61625		XA127	06		XA126	08					16B	9		KXRRS0	01	KXRRS0	00	1	TQ2	A1			05A			
62404		XA127	07		XA127	13					16B	9		SPI0151	06	KXCP10	01	2	TQ2	A3			03A			
61894		XA127	08											KXXA6A	02	KXRRS0	01	1	TQ2	A1			06A			
61358		XA127	09		XA127	15					16B	9		P	KXCP10	02	KXCP1B	01	1	TQ2	A3			04B	CLOCK PHASE 1 BUS	
61380		XA127	09										J	KXCP10	01	KXCP10	00	1	TQ2	A3			04B	KXCP1B BUSS		
61647		XA127	10		XA124	10					16B	9		KXRS0B	20	KXRRS0	01	2	TQ2	A1			07A			
61355		XA127	11		XA135	63					16B	9		KXCP1A	03	KXCP20	01	1	TQ2	A4			05B			
60069		XA127	12											+5V	01				TQ2							
62405		XA127	13		XA126	13					16B	9		SPI0151	07	KXCP20	01	2	TQ2	A4			06B			
61382		XA127	14		XA126	11					16B	9		KXCP3A	01	KXCP3A	00	1	TQ2	B2			09A	PHASE 3 OF 2 PHASE		
61359		XA127	15		XA129	14					16B	9		P	KXCP20	03	KXCP1B	01	2	TQ2	A4			07B	CLOCK PHASE 1 BUS	
61381		XA127	15										J	KXCP20	01	KXCP20	00	1	TQ2	A4			07B	KXCP1B BUSS		
60407		XA127	16											GND	01				TQ2				01B			
61143		XA127	17											KSYN10	02	KSYN1A	01	1	TQ2	B3			08B			
62085		XA127	18		XA129	34					16B	9		KX1MAQ	01	KXCP3A	01	1	TQ2	B2			10A			
62408		XA127	19											KXDV10	10	KSYN1A	01	2	TQ2	B3			09B		B02	
62090		XA127	20											KX1MBP	03	KXCP3A	01	2	TQ2	B2			11A			
61139		XA127	21		XA123	07					16B	9		KSYN1A	01	KSYN1A	00	1	TQ2	B3			10B	START NEW INPUT OR		
CONNECTOR		XA127	CONTINUED ON THE NEXT PAGE ****																							

RECORD NUMBER	FROM				TO				WIRE				SIGNAL	SEQ 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											
61902		XA127	22			XA129	26			16B	9		KXXBK0	02	KXXBK0	00	1	TQ2	B1		12A	I/O BYTE COUNTER	
61574		XA127	23			XA129	19			16B	9		KXIR1Q	01	KXIR1A	01	1	TQ2	B4		11B		
61880		XA127	24			XA135	70			16B	9		KXXA3Q	02	KXXBK0	01	1	TQ2	B1		13A		
61399		XA127	25			XA126	01			16B	9		KXCP3B	14	KXIR1A	01	2	TQ2	B4		12B		
62409		XA127	26			XA126	26			16B	9		SPI0151	11	KXXBK0	01	2	TQ2	B1		14A		
61572		XA127	27			XA117	65			16B	9		KXIR1A	02	KXIR1A	00	1	TQ2	B4		13B		
60070		XA127	28										+5V	01				TQ2					
61724		XA127	29										KXR098T	02	KXOFRO	01	1	TQ2	C3		14B		
61460		XA127	30			XA125	40			16B	9		KXDVC0	02	KXDVC0	00	1	TQ2	C2		15A		
62445		XA127	31			XA127	37			16B	9		SPI0161	13	KXOFRO	01	2	TQ2	C3		15B		
60408		XA127	32										GND	01				TQ2			20B		
62076		XA127	33			XA125	34			16B	9		KXOFRO	01	KXOFRO	00	1	TQ2	C3		16B		
61713		XA127	34			XA133	24			16B	9		KXR090T	01	KXDVC0	01	1	TQ2	C2		16A		
61788		XA127	35										KXSK0A	02	KXSK00	01	1	TQ2	C4		17B		
62447		XA127	36			XA127	42			16B	9		SPI0161	15	KXDVC0	01	2	TQ2	C2		17A		
62446		XA127	37			XA127	36			16B	9		SPI0161	14	KXSK00	01	2	TQ2	C4		18B		
61442		XA127	38			XA132	42			16B	9		KXDEVA	03	KXDEVA	00	1	TQ2	C1		18A		
61791		XA127	39										KXSK00	03	KXSK00	00	1	TQ2	C4		19B		
61747		XA127	40			XA129	77			16B	9		KMR3CB	08	KXDEVA	01	1	TQ2	C1		19A		
61499		XA127	41			XA130	19			16B	9		KXEB1Q	02	KXEB1A	01	1	TQ2	D3		22B		
62448		XA127	42			XA129	41			16B	9		SPI0161	16	KXDEVA	01	2	TQ2	C1		20A		
61398		XA127	43			XA127	25			16B	9		KXCP3B	13	KXEB1A	01	2	TQ2	D3		23B		
60409		XA127	44										GND	01				TQ2			21B		
61496		XA127	45			XA128	14			16B	9		KXEB1A	01	KXEB1A	00	1	TQ2	D3		24B		
61793		XA127	46										KXSST0	02	KXSST0	00	1	TQ2	C2		21A	I/O BUFFER REGISTR	
61189		XA127	47			XA138	22			16B	9		KXASLA	01	KXONL0	01	1	TQ2	D4		25B		
61721		XA127	48			XA133	29			16B	9		KXR097T	01	KXSST0	01	1	TQ2	D2		22A		
61295		XA127	49			XA138	14			16B	9		KXBSLA	01	KXONL0	01	2	TQ2	D4		26B		
62437		XA127	50			XA131	40			16B	9		SPI0161	05	KXSST0	01	2	TQ2	D2		23A		
62080		XA127	51										KXONL0	03	KXONL0	00	1	TQ2	D4		27B	ON LINE CONTROL	
61513		XA127	52										KXE0B0	02	KXE0B0	00	1	TQ2	D1		24A		
62098		XA127	53										K16MHA	03	K16MH0	01	1	TQ2	E3		28B		
61717		XA127	54			XA133	27			16B	9		KXR092T	01	KXE0B0	01	1	TQ2	D1		25A		
62434		XA127	55			XA127	56			16B	9		SPI0161	02	K16MH0	01	2	TQ2	E3		29B		
62435		XA127	56			XA128	51			16B	9		SPI0161	03	KXE0B0	01	2	TQ2	D1		26A		
62106		XA127	57										K16MH0	08	K16MH0	00	1	TQ2	E3		30B		
60410		XA127	58										GND	01				TQ2			27A		
62097		XA127	59			XA127	53			16B	9		K16MHA	02	K16MI0	01	1	TQ2	E4		31B		
61292		XA127	60										KXBR00	02	KXBR00	00	1	TQ2	E2		28A	PORT B REQUEST	
62433		XA127	61			XA127	55			16B	9		SPI0161	01	K16MI0	01	2	TQ2	F4		32B		
61289		XA127	62			XA137	57			16B	9		KXBR0A	01	KXBR00	01	1	TQ2	E2		29A		
62111		XA127	63			XA118	60			16B	9		K16MIO	05	K16MI0	00	1	TQ2	F4		33B		
62457		XA127	64			XA127	70			16B	9		SPI0161	25	KXBR00	01	2	TQ2	E2		30A		
61063		XA127	65										KLPT2S	03	KLTE0A	01	1	TQ2	F3		34B		
61186		XA127	66										KXAR00	02	KXAR00	00	1	TQ2	E1		31A	PORT A REQUEST	
60411		XA127	67										GND	01				TQ2			40A		
61183		XA127	68			XA137	59			16B	9		KXAR0A	01	KXAR00	01	1	TQ2	E1		32A		
61065		XA127	69										KLTE0A	02	KLTE0A	00	1	TQ2	E3		35A	LOOP TEST START IN	
62458		XA127	70			XA127	73			16B	9		SPI0161	26	KXAR00	01	2	TQ2	E1		33A		
60740		XA127	71			XA127	77			16B	9		KDRS00	02	KDRS1A	01	1	TQ2	F2		36A		
CONNECTOR		XA127	CONTINUED ON THE NEXT PAGE ***																				

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	PL	PREFIX	CONNECTOR	PIN	PL	MULTI GROUP	CODE	COLOR	IDENT												
60746		XA127	72										KDRS1A	05	KDRS1A	00	1	TQ2	F2		34A			
62459		XA127	73		XA127	79				16B	9		SPI0161	27	KDRS1A	01	2	TQ2	F2		36B			
61488		XA127	74		XA126	74				16B	9		KXEA00	01	KLTEOA	01	2	TQ2	F3		35B			
60738		XA127	75										KDRSOA	06	KDRSOA	00	1	TQ2	F1		37B			
60910		XA127	76										KKTCRO	02	KKTCRA	01	1	TQ2	F4		37A			
60741		XA127	77										KDRSOO	03	KDRSOA	01	1	TQ2	F1		38B			
62461		XA127	78		XA130	80				16B	9		SPI0161	29	KKTCRA	01	2	TQ2	F4		38A			
62460		XA127	79		XA127	78				16B	9		SPI0161	28	KDRSOA	01	2	TQ2	F1		39B			
60907		XA127	80		XA117	22				16B	9		KKTCRA	01	KKTCRA	00	1	TQ2	F4		39A	START MAIN TIMING		
61901		XA128	01		XA127	22				16B	9		KXXBKO	01	KXXBON	01	1	TDD	BN		02B			
60412		XA128	02										GND	01				TDD			01B			
62377		XA128	03		XA122	11				16B	9		SPI0141	16	KXXB00	01	1	TDD	BQ		02A			
61895		XA128	04		XA129	22				16B	9		KXXBCA	01	KXXBOP	01	1	TDD	BP		04A			
61938		XA128	05										KXXB2P	05	KXXB0I	01	1	TDD	BI		03B			
61849		XA128	06		XA135	69				16B	9		KXXADA	01	KXXACP	01	1	TDD	AP		05A			
61916		XA128	07										KXXBOQ	04	KXXB0Q	00	1	TDD	BQ		03A	I/O BYTE COUNTER		
62440		XA128	08		XA129	15				16B	9		SPI0161	08	KXXACI	01	1	TDD	AI		06A			
61912		XA128	09										KXXBOP	03	KXXBOP	00	1	TDD	BP		04B			
61876		XA128	10		XA129	08				16B	9		KXXA3P	01	KXXACN	01	1	TDD	AN		07A			
61842		XA128	11		XA129	06				16B	9		KXXACP	01	KXXACP	00	1	TDD	AP		05B			
60071		XA128	12										+5V	01				TDD						
63883		XA128	13									M	KXXACQ	01	KXXACQ	00	1	TDD	AQ		06B	I/O STATE COUNTER		
61497		XA128	14										KXEBOA	02	KXEBOA	01	1	TDD	DN		09A			
61646		XA128	15		XA127	10				16B	9		KXRSOB	19	KXXACQ	01	1	TDD	AQ		07B			
60413		XA128	16										GND	01				TDD			20B			
61493		XA128	17										KXEBOA	02	KXEBOQ	01	1	TDD	DQ		08B			
61528		XA128	18		XA128	24				16B	9		KXGN2A	03	KXEBOI	01	1	TDD	DI		10A			
61495		XA128	19										KXEBOQ	02	KXEBOQ	00	1	TDD	DQ		09B	EOB COUNTER BIT 0		
61644		XA128	20		XA128	22				16B	9		KXRSOB	17	KXEBOI	01	1	TDD	DP		11A			
63861		XA128	21									M	KXEBOI	01	KXEBOI	00	1	TDD	DP		10B			
61645		XA128	22		XA128	15				16B	9		KXRSOB	18	KXIROP	01	1	TDD	CP		12A			
63866		XA128	23									M	KXIROP	01	KXIROP	00	1	TDD	CP		11B			
61529		XA128	24		XA135	39				16B	9		KXGN2A	04	KXIROI	01	1	TDD	CI		13A			
61570		XA128	25										KXIROP	02	KXIROP	00	1	TDD	CO		12B	IIR SYNC COUNTER		
61571		XA128	26		XA127	27				16B	9		KXIR1A	01	KXIRON	01	1	TDD	CN		14A			
61568		XA128	27										KXIROP	02	KXIROP	01	1	TDD	CO		13B			
60072		XA128	28										+5V	01				TDD						
62372		XA128	29		XA129	17				16B	9		SPI0141	11	KDOUTQ	01	1	TDD	EQ		14B			
61474		XA128	30		XA130	42				16B	9		KXDVI0	02	KDOUTN	01	1	TDD	FN		15A			
60753		XA128	31		XA125	22				16B	9		KDOUTQ	01	KDOUTQ	00	1	TDD	EQ		15B	OUTPUT COMMAND E/E		
60414		XA128	32										GND	01				TDD			21B			
63792		XA128	33									M	KDOUTP	01	KDOUTP	00	1	TDD	FP		16B			
60761		XA128	34		XA126	27				16B	9		KDOUTO	01	KDOUTI	01	1	TDD	FI		16A			
63879		XA128	35									M	KXSTOP	01	KXSTOP	00	1	TDD	EP		17B			
61629		XA128	36		XA130	38				16B	9		KXRSOB	02	KDOUTP	01	1	TDD	FP		17A			
61798		XA128	37										KXSTOQ	02	KXSTOQ	00	1	TDD	EQ		18B	STOP SYNC COUNTER		
62450		XA128	38		XA129	38				16B	9		SPI0161	18	KXSTOP	01	1	TDD	EP		18A			
61805		XA128	39										KXST2A	02	KXSTOQ	01	1	TDD	EQ		19B			
CONNECTOR (XA128) CONTINUED ON THE NEXT PAGE ****																								

RECORD NUMBER	FROM				TO				WIRE				SIGNAL	SEQ NO	EQUATION	TERM	FACTOR	CKT OR CHIP TYPE	GROUP	LOAD OR POWER PLANE	TEST POINTS	SIGNAL DESCRIPTION	ECO NO
	PREFIX	CONNECTOR	PIN	SH PG	PREFIX	CONNECTOR	PIN	SH PG	MULTI GROUP	CODE	COLOR	IDENT											
61524		XA128	40										KXGN1A	11	KXSTOI	01	1	TDD	ET		19A	E01	
62271		XA128	41		XA118	48				16B	9		SPI0051	08	KKO0BQ	01	1	TDD	HQ		22B	B02	
61800		XA128	42		XA138	23				16B	9		KXSTIA	02	KXSTON	01	1	TDD	EN		20A		
63774		XA128	43		XA133	48				16B	9		KKO0BQ	01	KKO0BQ	00	1	TDD	HO		23B	B02	
60415		XA128	44										GND	01				TDD			27A		
63775		XA128	45									M	KKO0BP	01	KKO0BP	00	1	TDD	HP		24B	B02	
62234		XA128	46		XA127	01				16B	9		KXCP1B	005	KKO0BN	01	1	TDD	HN		21A	B02	
61986		XA128	47		XA118	72				16B	9		KXXC4P	03	KXXC4P	00	1	TDD	GP		25B		
62388		XA128	48										KKO090	02	KKO0BI	01	1	TDD	HI		22A	B02	
61991		XA128	49										KXXC4Q	02	KXXC4Q	00	1	TDD	GQ		26B	IOU INPUT STROBE	
62248		XA128	50		XA115	40				16B	9		KKXCCP	05	KKO0BP	01	1	TDD	HP		23A	B02	
62436		XA128	51		XA127	50				16B	9		SPI0161	04	KXXC4Q	01	1	TDD	GQ		27B		
61964		XA128	52		XA125	59				16B	9		KXXCR0	04	KXXC4P	01	1	TDD	GP		24A		
60799		XA128	53										KD05SA	02	KD05BQ	01	1	TDD	KQ		28B		
61982		XA128	54		XA129	43				16B	9		KXXC3Q	01	KXXC4I	01	1	TDD	GI		25A		
60796		XA128	55		XA116	75				16B	9		KD05BQ	01	KD05BQ	00	1	TDD	KQ		29B		
62110		XA128	56		XA127	63				16B	9		K16MIO	04	KXXC4N	01	1	TDD	GN		26A		
60795		XA128	57										KD05BP	03	KD05BP	00	1	TDD	KP		30B		
60416		XA128	58										GND	01				TDD			40A		
62048		XA128	59		XA117	70				16B	9		KXXR2P	02	KXXR2P	00	1	TDD	JP		31B		
60687		XA128	60		XA126	57				16B	9		KDCP10	04	KD05BN	01	1	TDD	KN		28A		
63893		XA128	61									M	KXXR2Q	01	KXXR2Q	00	1	TDD	JQ		32B	IOU REQUEST COUNT	
61768		XA128	62										KMR5CB	11	KD05BI	01	1	TDD	KI		29A		
62456		XA128	63		XA127	64				16B	9		SPI0161	24	KXXR2Q	01	1	TDD	JQ		33B		
60742		XA128	64		XA129	73				16B	9		KDRS1A	01	KD05BP	01	1	TDD	KP		30A		
60813		XA128	65										KD07SA	02	KD07BQ	01	1	TDD	MQ		34B		
62030		XA128	66		XA117	61				16B	9		KXXRCQ	03	KXXR2P	01	1	TDD	JP		31A		
60417		XA128	67										GND	01				TDD			40B		
62045		XA128	68		XA129	61				16B	9		KXXR1Q	01	KXXR2I	01	1	TDD	JI		32A		
60808		XA128	69										KD07BP	02	KD07BP	00	1	TDD	MP		35A		
62105		XA128	70		XA127	57				16B	9		K16MHO	07	KXXR2N	01	1	TDD	JN		33A		
61786		XA128	71										KMR7CB	12	KD07BI	01	1	TDD	MI		34A		
60686		XA128	72		XA128	60				16B	9		KDCP10	03	KD07BN	01	1	TDD	MN		34A		
60745		XA128	73		XA127	72				16B	9		KDRS1A	04	KD07BP	01	1	TDD	MP		36B		
60809		XA128	74		XA116	76				16B	9		KD07BQ	01	KD07BQ	00	1	TDD	NQ		35B	DATA REGISTR BIT 7	
60744		XA128	75		XA128	73				16B	9		KDRS1A	03	KD06BP	01	1	TDD	LP		37B		
60801		XA128	76										KD06BP	02	KD06BP	00	1	TDD	LP		37A		
61777		XA128	77										KMR6CB	12	KD06BI	01	1	TDD	LI		38B		
60804		XA128	78										KD06BQ	03	KD06BQ	00	1	TDD	LQ		38A		
60684		XA128	79		XA129	72				16B	9		KDCP10	01	KD06BN	01	1	TDD	LN		39B		
60806		XA128	80										KD06SA	02	KD06BQ	01	1	TDD	LO		39A		
62099		XA129	01		XA130	01				16B	9		K16MHO	01	KXXA2N	01	1	TDD	BN		02B		
60418		XA129	02										GND	01				TDD			01B		
62376		XA129	03		XA128	03				16B	9		SPI0141	15	KXXA2Q	01	1	TDD	BQ		02A		
61844		XA129	04		XA130	04				16B	9		KXXACP	03	KXXA2P	01	1	TDD	BP		04A		
61870		XA129	05		XA114	06				16B	9		KXXAIQ	06	KXXA2I	01	1	TDD	BI		03B		
61843		XA129	06		XA129	04				16B	9		KXXACP	02	KXXA0P	01	1	TDD	AP		05A		
61875		XA129	07										KXXA2Q	03	KXXA2Q	00	1	TDD	BQ		03A	I/O STATE COUNTER	
CONNECTOR	XA129	CONTINUED ON THE NEXT PAGE ****																					

RECORD NUMBER	FROM				TO				WIRE				SFC INST MISC	SIGNAL	SEQ NO	EQUATION	TERM	FACTOR	CHK OR CHIP TYPE	GROUP	LOAD OR POWER PLANE	TEST POINTS AND/OR	SIGNAL DESCRIPTION	ECO NO	
	PREFIX	CONNECTOR	PIN	DATE	PREFIX	CONNECTOR	PIN	DATE	DI TO	MULTI GROUP	CODE	COLOR													IDENT
61877		XA129	08		XA130	09					16B	9		M	KXXA3P	02	KXXA0I	01	1	TDD	AI	06A			
63884		XA129	09												KXXA2P	01	KXXA2P	00	1	TDD	BP		04B		
62101		XA129	10		XA130	10					16B	9			K16MH0	03	KXXA0N	01	1	TDD	AN		07A		
61855		XA129	11		XA131	05					16B	9			KXXA0P	03	KXXA0P	00	1	TDD	AP		05B		
60073		XA129	12												+5V	01				TDD					
61860		XA129	13		XA130	08					16B	9			KXXA0Q	01	KXXA0Q	00	1	TDD	AQ		04B	I/O STATE COUNTER	
61360		XA129	14		XA130	14					16B	9			KXCP1B	04	KXIR1N	01	1	TDD	DN		09A		
62441		XA129	15		XA130	15					16B	9			SPI0161	09	KXXA0Q	01	1	TDD	AQ		07B		
60419		XA129	16												GND	01				TDD			20B		
62373		XA129	17		XA130	17					16B	9			SPI0141	12	KXIR1Q	01	1	TDD	DQ		08B		
61569		XA129	18		XA128	25					16B	9			KXIROQ	01	KXIR1I	01	1	TDD	DI		10A		
61575		XA129	19												KXIR1Q	02	KXIR1Q	00	1	TDD	DQ		09B	ITR SYNC COUNTER	
61643		XA129	20		XA128	20					16B	9			KXRS0B	16	KXIR1P	01	1	TDD	DP		11A		
63867		XA129	21											M	KXIR1P	01	KXIR1P	00	1	TDD	DP		10B		
61896		XA129	22		XA130	22					16B	9			KXXBCA	02	KXXB1P	01	1	TDD	CP		12A		
61921		XA129	23		XA135	50					16B	9			KXXB1P	01	KXXB1P	00	1	TDD	CP		11B		
61915		XA129	24		XA128	07					16B	9			KXXB0Q	03	KXXB1I	01	1	TDD	CI		13A		
61925		XA129	25												KXXB1Q	03	KXXB1Q	00	1	TDD	CQ		12B	I/O BYTE COUNTER	
61903		XA129	26		XA130	26					16B	9			KXXB1Q	03	KXXB1Q	01	1	TDD	CN		14A		
62444		XA129	27		XA127	31					16B	9			SPI0161	12	KXXB1Q	01	1	TDD	CQ		13B		
60074		XA129	28												+5V	01				TDD					
62247		XA129	29		XA125	71					16B	9			SPI0041	09	KX1MBQ	01	1	TDD	FQ		14B		B02
62093		XA129	30		XA130	30					16B	9			K04M20	01	KX1MBN	01	1	TDD	FN		15A		
62092		XA129	31												KX1MBQ	02	KX1MBQ	00	1	TDD	FQ		15B	2 PHASE CLOCK BIT	
60420		XA129	32												GND	01				TDD			21B		
62089		XA129	33		XA127	20					16B	9			KX1MBP	02	KX1MBP	00	1	TDD	EP		16B		
62086		XA129	34		XA130	31					16B	9			KX1MAQ	02	KX1MBI	01	1	TDD	FI		16A		
63880		XA129	35											M	KXST1P	01	KXST1P	00	1	TDD	EP		17B		
62235		XA129	36		XA130	29					16B	9			SPI0031	29	KX1MBP	01	1	TDD	FP		17A		
61803		XA129	37												KXST1Q	02	KXST1Q	00	1	TDD	EQ		18B	STOP SYNC COUNTER	
62451		XA129	38		XA130	39					16B	9			SPI0161	19	KXST1P	01	1	TDD	EP		18A		
62371		XA129	39		XA128	29					16B	9			SPI0141	10	KXST1Q	01	1	TDD	EQ		19B		
61797		XA129	40		XA128	37					16B	9			KXST0Q	01	KXST1I	01	1	TDD	EI		19A		
62449		XA129	41		XA128	38					16B	9			SPI0161	17	KXXC3Q	01	1	TDD	HQ		22B		
61366		XA129	42		XA126	50					16B	9			KXCP1B	10	KXST1N	01	1	TDD	EN		20A		
61983		XA129	43												KXXC3Q	02	KXXC3Q	00	1	TDD	HQ		23B		
60421		XA129	44												GND	01				TDD			27A		
61980		XA129	45		XA122	74					16B	9			KXXC3P	01	KXXC3P	00	1	TDD	HP		24B		
62107		XA129	46		XA130	46					16B	9			K16M10	01	KXXC3N	01	1	TDD	HN		21A		
61953		XA129	47		XA125	61					16B	9			KXXC1P	02	KXXC1P	00	1	TDD	GP		25B		
61978		XA129	48		XA130	43					16B	9			KXXC2Q	03	KXXC3I	01	1	TDD	HI		22A		
61956		XA129	49											J	KXXC1Q	01	KXXC1Q	00	1	TDD	GQ		26B	KMXCIB BUSS	
64223		XA129	49		XA116	52					16B	9			KXXC1Q	02	KMXCIB	01	1	TDD	GQ		26B		A01
61963		XA129	50		XA128	52					16B	9			KXXCRO	03	KXXC3P	01	1	TDD	HP		23A		
61951		XA129	51												KXXCIA	02	KXXC1Q	01	1	TDD	GQ		27B		
61628		XA129	52		XA128	36					16B	9			KXRS0B	01	KXXC1P	01	1	TDD	GP		24A		
60778		XA129	53												KD025A	02	KD02BQ	01	1	TDD	KQ		28B		
61542		XA129	54		XA133	57					16B	9			KXGN3A	07	KXXC1I	01	1	TDD	GI		25A		
60775		XA129	55		XA116	54					16B	9			KD02BQ	01	KD02BQ	00	1	TDD	KQ		29B		
61985		XA129	56		XA128	47					16B	9			KXXC4P	02	KXXC1N	01	1	TDD	GN		26A		
CONNECTOR XA129 CONTINUED ON THE NEXT PAGE ****																									

RECORD NUMBER	FROM				TO				WIRE				SIGNAL	SEQ NO	EQUATION	TERM	FACTOR	CHK OR CHIP TYPE	GROUP	LOAD OR POWER PLANE	TEST POINTS AND/OR	SIGNAL DESCRIPTION	ECC NO
	PREFIX	CONNECTOR	PIN	WIRE	PREFIX	CONNECTOR	PIN	WIRE	MULTI GROUP	CODE	COLOR	IDENT											
60774		XA129	57										KD02BP	03	KD02BP	00	1	TDD	KP		30B		
60422		XA129	58										GND	01				TDD			40A		
63892		XA129	59										KXXR1P	01	KXXR1P	00	1	TDD	JP		31B		
60679		XA129	60		XA130	60			16B	9			KDCP00	02	KD02BN	01	1	TDD	KN		28A		
62046		XA129	61										KXXR1Q	02	KXXR1Q	00	1	TDD	JQ		32B		
61737		XA129	62										KMR2CB	07	KD02BI	01	1	TDD	KI		29A		
62455		XA129	63		XA128	63			16B	9			SPI0161	23	KXXR1Q	01	1	TDD	JQ		33B		
60734		XA129	64		XA130	73			16B	9			KDR50A	02	KD02BP	01	1	TDD	KP		30A		
60792		XA129	65										KD04SA	02	KD04BQ	01	1	TDD	MQ		34B		
62029		XA129	66		XA128	66			16B	9			KXXRCQ	02	KXXR1P	01	1	TDD	JP		31A		
60423		XA129	67										GND	01				TDD			40B		
62041		XA129	68		XA130	61			16B	9			KXXR0Q	01	KXXR1I	01	1	TDD	JI		32A		
60788		XA129	69										KD04BP	03	KD04BP	00	1	TDD	MP		35A		
62104		XA129	70		XA128	70			16B	9			K16MH0	06	KXXR1N	01	1	TDD	JN		33A		
61759		XA129	71										KMR4CB	11	KD04BT	01	1	TDD	MI		36A		
60685		XA129	72		XA128	72			16B	9			KDCP10	02	KD04BN	01	1	TDD	MN		34A		
60743		XA129	73		XA128	75			16B	9			KDR51A	02	KD04BP	01	1	TDD	MP		36B		
60789		XA129	74		XA116	69			16B	9			KD04BQ	01	KD04BQ	00	1	TDD	MQ		35B		
60737		XA129	75		XA127	75			16B	9			KDR50A	05	KD03BP	01	1	TDD	LP		37B		
60781		XA129	76										KD03BP	03	KD03BP	00	1	TDD	LP		37A		
61748		XA129	77										KMR3CB	09	KD03BT	01	1	TDD	LI		38B		
60782		XA129	78		XA116	62			16B	9			KD03BQ	01	KD03BQ	00	1	TDD	LQ		38A		
60683		XA129	79										KDCP00	06	KD03BN	01	1	TDD	LN		39B		
60785		XA129	80										KD03SA	02	KD03BQ	01	1	TDD	LQ		39A		
62100		XA130	01		XA129	10			16B	9			K16MH0	02	KXXA3N	01	1	TDD	BN		02B		
60424		XA130	02										GND	01				TDD			01B		
62375		XA130	03		XA129	03			16B	9			SPI0141	14	KXXA30	01	1	TDD	BQ		02A		
61845		XA130	04		XA130	06			16B	9			KXXACP	04	KXXA3P	01	1	TDD	BP		04A		
61874		XA130	05		XA129	07			16B	9			KXXA2Q	02	KXXA3I	01	1	TDD	BI		03B		
61846		XA130	06										KXXACP	05	KXXA1P	01	1	TDD	AP		05A		
61879		XA130	07		XA127	24			16B	9			KXXA3Q	01	KXXA3Q	00	1	TDD	BQ		03A		I/O STATE COUNTER
61861		XA130	08		XA135	68			16B	9			KXXA0Q	02	KXXA1I	01	1	TDD	AI		06A		
61878		XA130	09										KXXA3P	03	KXXA3P	00	1	TDD	BP		04B		
62102		XA130	10		XA130	70			16B	9			K16MH0	04	KXXA1N	01	1	TDD	AN		07A		
61863		XA130	11		XA135	53			16B	9			KXXA1P	01	KXXA1P	00	1	TDD	AP		05B		
60075		XA130	12										+5V	01				TDD					
61869		XA130	13		XA129	05			16B	9			KXXA1Q	05	KXXA1Q	00	1	TDD	AQ		06B		I/O STATE COUNTER
61361		XA130	14		XA133	51			16B	9			KXCP1B	05	KXEB1N	01	1	TDD	DN		09A		
62442		XA130	15		XA130	27			16B	9			SPI0161	10	KXXA1Q	01	1	TDD	AQ		07B		
60425		XA130	16										GND	01				TDD			20B		
62374		XA130	17		XA130	03			16B	9			SPI0141	13	KXEB1Q	01	1	TDD	DO		08B		
61494		XA130	18		XA128	19			16B	9			KXEB0Q	01	KXEB1Q	01	1	TDD	DI		10A		
61500		XA130	19		XA120	08			16B	9			KXEB1Q	03	KXEB1Q	00	1	TDD	DO		09B		E0B SYNC COUNTER
61642		XA130	20		XA129	20			16B	9			KXRS0B	15	KXEB1P	01	1	TDD	DP		11A		
63862		XA130	21										KXEB1P	01	KXEB1P	00	1	TDD	DP		10B		
61897		XA130	22		XA138	39			16B	9			KXXBCA	03	KXXB2P	01	1	TDD	CP		12A		
61937		XA130	23		XA128	05			16B	9			KXXB2P	04	KXXB2P	00	1	TDD	CP		11B		
61924		XA130	24		XA129	25			16B	9			KXXB1Q	02	KXXB2I	01	1	TDD	CI		13A		
CONNECTOR	XA130	CONTINUED ON THE NEXT PAGE ****																					

RECORD NUMBER	FROM				TO				WIRE				SIGNAL	SEQ NO	EQUATION	TERM	FACTOR	CKT OR CHIP TYPE	GROUP	LOAD OR POWER PLANE	TEST POINTS AND/OR	SIGNAL DESCRIPTION	ECO NO
	PREFIX	CONNECTOR	PIN	PAID	PREFIX	CONNECTOR	PIN	PAID	MULTI GROUP	CODE	COLOR	IDENT											
61940		XA130	25										KXXB20	02	KXXB20	00	1	TDD	CQ		12B	I/O BYTE COUNTER	
61904		XA130	26										KXXBK0	04	KXXB2N	01	1	TDD	CN		14A		
62443		XA130	27		XA129	27				16B	9		SPIO161	11	KXXB20	01	1	TDD	CQ		13B		
60076		XA130	28										+5V	01				TDD					
62236		XA130	29		XA131	42				16B	9		SPI0031	30	KX1MAQ	01	1	TDD	FQ		14B		
62094		XA130	30		XA139	27				16B	9		K04M20	02	KX1MAN	01	1	TDD	FN		15A		
62087		XA130	31										KX1MAQ	03	KX1MAQ	00	1	TDD	FQ		15B	2 PHASE CLOCK BIT	
60426		XA130	32										GND	01				TDD			21B		
62083		XA130	33		XA135	59				16B	9		KX1MAP	01	KX1MAP	00	1	TDD	FP		16B		
62088		XA130	34		XA129	33				16B	9		KX1MBP	01	KX1MAI	01	1	TDD	EI		16A		
63789		XA130	35									M	KDAINP	01	KDAINP	00	1	TDD	EP		17B		
62369		XA130	36		XA130	41				16B	9		SPIO141	08	KX1MAP	01	1	TDD	FP		17A		
60675		XA130	37										KDAINQ	09	KDAINQ	00	1	TDD	EQ		18B	INPUT COMMAND F/F	
61630		XA130	38		XA132	41				16B	9		KXRSOB	03	KDAINP	01	1	TDD	EP		18A		
62452		XA130	39		XA130	51				16B	9		SPIO161	20	KDAINQ	01	1	TDD	EQ		19B		
60676		XA130	40		XA126	21				16B	9		KDAINQ	01	KDAINI	01	1	TDD	EI		19A		
62370		XA130	41		XA129	39				16B	9		SPIO141	09	KXXC2Q	01	1	TDD	HO		22B		
61475		XA130	42		XA127	19				16B	9		KXDV10	03	KDAINN	01	1	TDD	FN		20A		R02
61979		XA130	43										KXXC2Q	04	KXXC2Q	00	1	TDD	HO		23B		
60427		XA130	44										GND	01				TDD			27A		
63887		XA130	45									M	KXXC2P	01	KXXC2P	00	1	TDD	HP		24B		
62108		XA130	46		XA130	56				16B	9		K16M10	02	KXXC2N	01	1	TDD	HN		21A		
63885		XA130	47									M	KXXCOP	01	KXXCOP	00	1	TDD	GP		25B		
61974		XA130	48		XA118	78				16B	9		KXXC1Q	01	KXXC2I	01	1	TDD	HI		22A		
61973		XA130	49										KXXCQ0	02	KXXCQ0	00	1	TDD	GQ		26B	I/O INPUT STROBE	
61962		XA130	50		XA129	50				16B	9		KXXCRO	02	KXXC2P	01	1	TDD	HP		23A		
62453		XA130	51		XA130	63				16B	9		SPIO161	21	KXXCQ0	01	1	TDD	GQ		27B		
61961		XA130	52		XA130	50				16B	9		KXXCRO	01	KXXCOP	01	1	TDD	GP		24A		
60752		XA130	53										KDOPSA	02	KDOPBQ	01	1	TDD	KQ		28B		
61984		XA130	54		XA129	56				16B	9		KXXCAP	01	KXXCQI	01	1	TDD	GI		25A		
60750		XA130	55										KDOPBQ	02	KDOPBQ	00	1	TDD	KQ		29B	DATA REGISTER BIT	
62109		XA130	56		XA128	56				16B	9		K16M10	03	KXXCON	01	1	TDD	GN		26A		
60748		XA130	57										KDOPBP	02	KDOPBP	00	1	TDD	KP		30B		
60428		XA130	58										GND	01				TDD			40A		
62039		XA130	59		XA118	63				16B	9		KXXROP	01	KXXROP	00	1	TDD	JP		31B		
60680		XA130	60		XA130	72				16B	9		KDCP00	03	KDOPBN	01	1	TDD	KN		28A		
62042		XA130	61		XA137	64				16B	9		KXXROQ	02	KXXROQ	00	1	TDD	JQ		32B	I/O REQUEST COUNT	
61611		XA130	62		XA131	07				16B	9		KMRPCB	08	KDOPBI	01	1	TDD	KT		29A		
62454		XA130	63		XA129	63				16B	9		SPIO161	22	KXXRO0	01	1	TDD	JO		33B		
60733		XA130	64		XA129	64				16B	9		KDRSOA	01	KDOPBP	01	1	TDD	KP		30A		
60771		XA130	65										KD01SA	02	KD01BQ	01	1	TDD	MQ		34B		
62028		XA130	66		XA129	66				16B	9		KXXRCQ	01	KXXROP	01	1	TDD	JP		31A		
60429		XA130	67										GND	01				TDD			40B		
62047		XA130	68		XA128	59				16B	9		KXXR2P	01	KXXROI	01	1	TDD	JT		32A		
60767		XA130	69										KD01BP	03	KD01BP	00	1	TDD	MP		35A		
62103		XA130	70		XA129	70				16B	9		K16MH0	05	KXXRON	01	1	TDD	JN		33A		
61732		XA130	71		XA125	06				16B	9		KMR1CB	08	KD01BI	01	1	TDD	MI		36A		
60681		XA130	72		XA130	79				16B	9		KDCP00	04	KD01BN	01	1	TDD	MN		34A		
60735		XA130	73		XA130	75				16B	9		KDRSOA	03	KD01BP	01	1	TDD	MP		36B		
60769		XA130	74										KD01BQ	02	KD01BQ	00	1	TDD	MQ		35B		
CONNECTOR		XA130	CONTINUED ON THE NEXT PAGE ****																				

RECORD NUMBER	FROM				TO				WIRE				SIGNAL	SEQ NO	EQUATION	TERM	FACTOR	CKT OR CHIP TYPE	GROUP	LOAD OR POWER PLANE	TEST POINTS		SIGNAL DESCRIPTION	ECO NO
	PREFIX	CONNECTOR	PIN	WIRE	PREFIX	CONNECTOR	PIN	WIRE	MULTI GROUP	CODE	COLOR	IDENT									NO	OR		
60736		XA130	75			XA129	75						KDRSOA	04	KD00BP	01	1	TDD	LP		37B			
63793		XA130	76										KD00BP	02	KD00BP	00	1	TDD	LP		37A		E02	
61702		XA130	77										KMROCB	09	KD00BI	01	1	TDD	LI		38B			
60764		XA130	78										KD00BQ	02	KD00BQ	00	1	TDD	LQ		38A		DATA REGISTR BIT 0	
60682		XA130	79			XA129	79						KDCPO0	05	KD00BN	01	1	TDD	LN		39B			
62462		XA130	80			XA131	78						SPTI0161	30	KD00BQ	01	1	TDD	LQ		39A			
61349		XA131	01			XA135	22						KXCMAS	01	KXCA1A	01	1	TS8	A1		02B			
60430		XA131	02										GND	01				TS8			01A			
60180		XA131	03										DNW	01				TS8						
61928		XA131	04			XA139	72						KXXB10	03	KXCA1A	01	2	TS8	A1		04A			
61856		XA131	05			XA131	34						KXXAOP	04	KXCA1A	01	3	TS8	A1		03B			
61868		XA131	06			XA130	13						KXXA1Q	04	KXCA1A	01	4	TS8	A1		05A			
61612		XA131	07										KMRPCB	09	KXCA1A	01	5	TS8	A1		03A			
61701		XA131	08			XA130	77						KMROCB	08	KXCA1A	01	6	TS8	A1		06A			
60181		XA131	09										DNW	01				TS8						
61728		XA131	10										KXR1CR	04	KXCA1A	01	7	TS8	A1		07A			
61338		XA131	11			XA135	23						KXCA1A	01	KXCA1A	00	1	TS8	A1		05B		DEV COMND BYTE 1	
60077		XA131	12										+5V	01				TS8						
61736		XA131	13										KXR2CR	04	KXCA1A	01	8	TS8	A1		06B			
61553		XA131	14										KXHSOA	02	KXST20	01	1	TS8	B1		09A			
60182		XA131	15										DNW	01				TS8						
60431		XA131	16										GND	01				TS8			21B			
60183		XA131	17										DNW	01				TS8						
61796		XA131	18										KXSSOA	03	KXST20	01	2	TS8	B1		10A			
61187		XA131	19			XA132	20						KXARSA	01	KXST20	01	3	TS8	B1		09B			
61293		XA131	20			XA132	19						KXBRSA	01	KXST20	01	4	TS8	B1		11A			
60184		XA131	21										DNW	01				TS8						
61577		XA131	22										KXPRSA	02	KXST20	01	5	TS8	B1		12A			
61806		XA131	23			XA126	41						KXST20	01	KXST20	00	1	TS8	B1		11B		START MASTER RESET	
60700		XA131	24			XA121	51						KDEV1A	01	KXST20	01	6	TS8	B1		13A			
60113		XA131	25			XA137	05						DEVINH	01	KXST20	01	7	TS8	B1		12B			
62439		XA131	26			XA128	08						SPTI0161	07	KXST20	01	8	TS8	B1		14A			
60185		XA131	27										DNW	01				TS8						
60078		XA131	28										+5V	01				TS8						
60186		XA131	29										DNW	01				TS8						
61448		XA131	30			XA135	30						KXDEVS	01	KXDVI1A	01	1	TS8	C1		15A			
61943		XA131	31			XA132	47						KXXB20	03	KXDVI1A	01	2	TS8	C1		15B			
60432		XA131	32										GND	01				TS8			27A			
60187		XA131	33										DNW	01				TS8						
61857		XA131	34			XA135	62						KXXAOP	05	KXDVI1A	01	3	TS8	C1		16A			
61471		XA131	35			XA123	71						KXDVI1A	01	KXDVI1A	00	1	TS8	C1		17B			
61867		XA131	36			XA131	06						KXXA1Q	03	KXDVI1A	01	4	TS8	C1		17A			
61706		XA131	37			XA135	75						KXROPA	04	KXDVI1A	01	5	TS8	C1		18B			
62368		XA131	38			XA130	36						SPTI0141	07	KXDVI1A	01	6	TS8	C1		18A			
60188		XA131	39										DNW	01				TS8						
62438		XA131	40			XA131	26						SPTI0161	06	KXDVI1A	01	7	TS8	C1		19A			
60189		XA131	41										DNW	01				TS8						
62237		XA131	42			XA144	52						SPTI0031	31	KXDVI1A	01	8	TS8	C1		20A			
CONNECTOR		XA131	CONTINUED ON THE NEXT PAGE ***																					

RECORD NUMBER	FROM			TO			WIRE				SFC INST MISC	SIGNAL	SEQ NO	EQUATION	TERM	FACTOR	CMT OR CHIP TYPE	GROUP	LOAD OR POWER PLANE	TEST POINTS AND/OR	SIGNAL DESCRIPTION	ECO NO
	PREFIX	CONNECTOR	PIN	PREFIX	CONNECTOR	PIN	MULTI GROUP	CODE	COLOR	IDENT												
61697		XA131	43									KXROCR	03	KXXACO	01	1	TS8	D1		23B		
60433		XA131	44									GND	01				TS8			40A		
60190		XA131	45									DNW	01				TS8					
61727		XA131	46		XA131	10		16B	9			KXR1CR	03	KXXACO	01	2	TS8	D1		21A		
61848		XA131	47									KXXACO	02	KXXACO	00	1	TS8	D1		25B		
61735		XA131	48		XA131	13		16B	9			KXR2CR	03	KXXACO	01	3	TS8	D1		22A		
61743		XA131	49									KXR3CR	03	KXXACO	01	4	TS8	D1		26B		
61751		XA131	50		XA134	05		16B	9			KXR4CR	03	KXXACO	01	5	TS8	D1		23A		
60191		XA131	51									DNW	01				TS8					
61762		XA131	52									KXR5CR	03	KXXACO	01	6	TS8	D1		24A		
60192		XA131	53									DNW	01				TS8					
61771		XA131	54									KXR6CR	03	KXXACO	01	7	TS8	D1		25A		
60616		XA131	55									KAE0BS	04	KPINTA	01	1	TS8	E1		29B		
61780		XA131	56									KXR7CR	03	KXXACO	01	8	TS8	D1		26A		
60193		XA131	57									DNW	01				TS8					
60434		XA131	58									GND	01				TS8					
61081		XA131	59		XA113	74		16B	9			KPINTA	01	KPINTA	00	1	TS8	E1		31B	EOB INTERRUPT ON	
61042		XA131	60		XA131	72		16B	9			KK1290	07	KPINTA	01	2	TS8	E1		28A		
60972		XA131	61		XA131	73		16B	9			KK08C0	04	KPINTA	01	3	TS8	E1		32B		
60954		XA131	62		XA131	74		16B	9			KK04F0	04	KPINTA	01	4	TS8	E1		29A		
60194		XA131	63									DNW	01				TS8					
60922		XA131	64									KK03D0	02	KPINTA	01	5	TS8	F1		30A		
60195		XA131	65									DNW	01				TS8					
61387		XA131	66		XA131	77		16B	9			KXCP3B	02	KPINTA	01	6	TS8	F1		31A		
60435		XA131	67									GND	01				TS8					
62464		XA131	68		XA132	69		16B	9			SPIO161	32	KPINTA	01	7	TS8	E1		32A		
60196		XA131	69									DNW	01				TS8					
62392		XA131	70		XA131	79		16B	9			SPIO141	31	KPINTA	01	8	TS8	E1		33A		
60630		XA131	71									KAIENS	12	KIOTRA	01	1	TS8	F1		36A		
61043		XA131	72									KK1290	08	KIOTRA	01	2	TS8	F1		34A		
60973		XA131	73		XA135	71		16B	9			KK08C0	05	KIOTRA	01	3	TS8	F1		36B		
60955		XA131	74									KK04F0	05	KIOTRA	01	4	TS8	F1		35B		
60925		XA131	75									KK03E0	03	KIOTRA	01	5	TS8	F1		37B		
60879		XA131	76								M	KIOTRA	01	KIOTRA	00	1	TS8	F1		37A	(SPARE)	A01
61388		XA131	77		XA125	79		16B	9			KXCP3B	03	KIOTRA	01	6	TS8	F1		38B		
62463		XA131	78		XA131	68		16B	9			SPIO161	31	KIOTRA	01	7	TS8	F1		38A		
62393		XA131	79		XA138	74		16B	9			SPIO141	32	KIOTRA	01	8	TS8	F1		39B		B02
60197		XA131	80									DNW	01				TS8					
61560		XA132	01									KXINHR	07	KXINHS	01	1	TT3	A2		02B		
60436		XA132	02									GND	01				TT3			01R		
61641		XA132	03		XA130	20		16B	9			KXRS0B	14	KXINHS	01	2	TT3	A2		02A		
62019		XA132	04		XA139	08		16B	9			KXXDRO	01	KXXDRO	00	1	TT3	A1		04A		
62078		XA132	05		XA132	48		16B	9			KXGNLO	01	KXINHS	01	3	TT3	A2		03B		
61994		XA132	06		XA124	03		16B	9			KXXDDP	01	KXXDRO	01	1	TT3	A1		05A		
61561		XA132	07		XA135	11		16B	9			KXINHS	01	KXINHS	00	1	TT3	A2		03A	DATA SEND INHIBIT	
62008		XA132	08									KXXDIP	06	KXXDRO	01	2	TT3	A1		06A		
61340		XA132	09		XA132	21		16B	9			KXCA10	01	KXDV5A	01	1	TT3	A3		04B		
62025		XA132	10									KXXDSP	05	KXXDRO	01	3	TT3	A1		07A		
CONNECTOR		XA132	CONTINUED ON THE NEXT PAGE ****																			

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	FCO NO
	PREFIX	CONNECTOR	PIN	SIZE	PREFIX	CONNECTOR	PIN	SIZE	MULTI GROUP	CODE	COLOR	IDENT												
61453		XA132	11											KXDEVO +5V	03	KXDV5A	01	2	TT3	A3		05B		
60079		XA132	12											KXDEVO	01				TT3					
61459		XA132	13		XA127	30				16B	9			KXDVC0	01	KXDV5A	01	3	TT3	A3		06B		
61263		XA132	14		XA140	36				16B	9			KXBCMOX	01	KXBRSA	01	1	TT3	B2		09A		
61483		XA132	15											KXDV5A	02	KXDV5A	00	1	TT3	A3		07B	SET DEV COMND F/F	
60437		XA132	16											GND	01				TT3			21B		
61267		XA132	17		XA140	31				16B	9			KXBENOX	01	KXBRSA	01	2	TT3	B2		08B		
61299		XA132	18		XA137	01				16B	9			KXBSLOX	01	KXBRSA	01	3	TT3	B2		10A		
61294		XA132	19											KXBRSA	02	KXBRSA	00	1	TT3	B2		09B	PORT B IOU RESET	
61188		XA132	20											KXARSA	02	KXARSA	00	1	TT3	B1		11A	PORT A IOU RESET	
61341		XA132	21		XA132	29				16B	9			KXCA10	02	KXIROA	01	1	TT3	B3		10B		
61149		XA132	22		XA141	36				16B	9			KXACMOX	01	KXARSA	01	1	TT3	B1		12A		
61566		XA132	23											KXIROA	02	KXIROA	01	2	TT3	B3		11B		
61157		XA132	24		XA141	31				16B	9			KXAENOX	01	KXARSA	01	2	TT3	B1		13A		
61445		XA132	25											KXDEVA	06	KXIROA	01	3	TT3	B3		12B		
61199		XA132	26											KXASLOX	07	KXARSA	01	3	TT3	B1		14A		
61567		XA132	27		XA128	27				16B	9			KXIROA	01	KXIROA	00	1	TT3	B3		13B	COMMAND IS ITR	
60080		XA132	28											+5V	01				TT3					
61342		XA132	29		XA135	27				16B	9			KXCA10	03	KXH5OA	01	1	TT3	C2		14B		
61550		XA132	30		XA126	52				16B	9			KXH5TO	01	KXH5OA	01	2	TT3	C2		15A		
61552		XA132	31		XA131	14				16B	9			KXH5OA	01	KXH5OA	00	1	TT3	C2		15B	COMMAND IS STOP	
60438		XA132	32											GND	01				TT3			27A		
62073		XA132	33		XA135	33				16B	9			KXOFRS	03	KXODEA	01	1	TT3	C3		16B		
61444		XA132	34		XA132	25				16B	9			KXDEVA	05	KXH5OA	01	3	TT3	C2		16A		
61711		XA132	35		XA125	05				16B	9			KXROPFR	03	KXODEA	01	2	TT3	C3		17B		
61492		XA132	36		XA128	17				16B	9			KXEBOA	01	KXEBOA	00	1	TT3	C1		17A	COMMAND IS EQB	
61890		XA132	37		XA132	49				16B	9			KXXA50	03	KXODEA	01	3	TT3	C3		18B		
61344		XA132	38		XA125	37				16B	9			KXCA10	05	KXEBOA	01	1	TT3	C1		18A		
62058		XA132	39		XA122	73				16B	9			KXODEA	01	KXODEA	00	1	TT3	C3		19B	OFR DATA PARITY	
61512		XA132	40		XA127	52				16B	9			KXEBOA	01	KXEBOA	01	2	TT3	C1		19A		
61631		XA132	41		XA132	56				16B	9			KXRSOB	04	KXINOA	01	1	TT3	D2		22B		
61443		XA132	42		XA132	34				16B	9			KXDEVA	04	KXEBOA	01	3	TT3	C1		20A		
61564		XA132	43											KXINOA	02	KXINOA	00	1	TT3	D2		23B		
60439		XA132	44											GND	01				TT3			40A		
62072		XA132	45		XA132	33				16B	9			KXOFRS	02	KXODOA	01	1	TT3	D3		24B		
61597		XA132	46											KXRCSM	04	KXINOA	01	2	TT3	D2		21A		
61944		XA132	47		XA139	69				16B	9			KXXB20	04	KXODOA	01	2	TT3	D3		25B		
62079		XA132	48		XA127	51				16B	9			KXONLO	02	KXINOA	01	3	TT3	D2		22A		
61891		XA132	49		XA138	75				16B	9			KXXA50	04	KXODOA	01	3	TT3	D3		26B		
61900		XA132	50											KXXBCO	02	KXXBCO	00	1	TT3	D1		23A		
62068		XA132	51											KXODOA	06	KXODOA	00	1	TT3	D3		27B	OFR DATA STROBE	
61590		XA132	52		XA137	49				16B	9			KXRCSR	01	KXXBCO	01	1	TT3	D1		24A		
62473		XA132	53		XA132	66				16B	9			SPIO171	05		01	1	TT3	E2		28B		
61598		XA132	54		XA137	52				16B	9			KXRENR	01	KXXBCO	01	2	TT3	D1		25A		
63776		XA132	55											SPO	01		00	1	TT3	E2		29B		
61632		XA132	56		XA137	50				16B	9			KXRSOB	05	KXXBCO	01	3	TT3	D1		24A		
61952		XA132	57		XA129	47				16B	9			KXXCIP	01	KXDBIO	01	1	TT3	E3		30B		
60440		XA132	58											GND	01				TT3			40B		
62007		XA132	59		XA132	08				16B	9			KXXDIP	05	KXDBIO	01	2	TT3	E3		31B		
62389		XA132	60		XA132	68				16B	9			SPIO141	28		01	2	TT3	E2		28A		
CONNECTOR	XA132	CONTINUED ON THE NEXT PAGE ***																						

RECORD NUMBER	FROM			TO			WIRE				SIGNAL	SEQ 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											
62024		XA132	61		XA132	10		16B	9			KXXDSP	04	KXDBIO	01	3	TT3	E3		32B	
62467		XA132	62		XA144	63		16B	9			SPI0161	35		01	3	TT3	E2		29A	
61420		XA132	63									KXDBIO	03	KXDBIO	00	1	TT3	E3		33B	INPUT INDICATOR
63777		XA132	64									SPO	01		00	1	TT3	E1		30A	
61125		XA132	65		XA125	77		16B	9			KSNC2S	01	KSCI1A	01	1	TT3	F2		34B	
62474		XA132	66		XA132	78		16B	9			SPI0171	06		01	1	TT3	E1		31A	
60441		XA132	67									GND	01				TT3				
62390		XA132	68		XA132	76		16B	9			SPI0141	29		01	2	TT3	F1		32A	
62465		XA132	69		XA132	70		16B	9			SPI0161	33		01	1	TT3	F3		35A	
62466		XA132	70		XA132	62		16B	9			SPI0161	34		01	3	TT3	F1		33A	
60656		XA132	71									KBUSYR	04	KSCI1A	01	2	TT3	F2		36A	
61386		XA132	72		XA131	66		16B	9			KXCP3B	01	KSCI1A	01	3	TT3	F2		34A	
60909		XA132	73		XA127	76		16B	9			KKTCRO	01	KKTCRO	00	1	TT3	F1		36B	
61101		XA132	74									KSCI1A	02	KSCI1A	00	1	TT3	F2		35B	NOT BUSY COMMAND
60606		XA132	75									KAEN5A	03	KKTCRO	01	1	TT3	F1		37B	
62391		XA132	76		XA131	70		16B	9			SPI0141	30		01	2	TT3	F3		37A	
60840		XA132	77		XA124	64		16B	9			KIEN5A	01	KKTCRO	01	2	TT3	F1		38B	
62475		XA132	78									SPI0171	07		01	3	TT3	F3		38A	
61099		XA132	79		XA242	37		16B	9			SPI0172	01	KKTCRO	01	3	TT3	F1		39B	
63778		XA132	80									SPO	01		00	1	TT3	F3		39A	A01
60198		XA133	01									DNW	01				DBC				
60442		XA133	02									GND	01				DBC			01A	
60990		XA133	03		XA134	60		16B	9			KK12B3U	01	KK1202T	01	1	DBC	A3		02B	
60984		XA133	04		XA134	54		16B	9			KK12B1U	01	KK1200T	01	1	DBC	A1		02A	
60996		XA133	05									KK12B4U	04	KK1203T	01	1	DBC	A4		03B	
60989		XA133	06									KK12B2U	03	KK1201T	01	1	DBC	A2		03A	
61010		XA133	07									KK1205T	02	KK1205T	00	1	DBC	A6		04B	
60999		XA133	08		XA119	24		16B	9			KK1200T	01	KK1200T	00	1	DBC	A1		04A	KK12 BITS STATE
61011		XA133	09		XA119	29		16B	9			KK1206T	01	KK1206T	00	1	DBC	A7		05B	
61002		XA133	10									KK1201T	02	KK1201T	00	1	DBC	A2		05A	
61014		XA133	11									KK1207T	02	KK1207T	00	1	DBC	A8		06B	
60081		XA133	12									+5V	01				DBC			08A	
61006		XA133	13									KK1203T	02	KK1203T	00	1	DBC	A4		07A	
61003		XA133	14		XA119	17		16B	9			KK1202T	01	KK1202T	00	1	DBC	A3		06A	
61015		XA133	15		XA119	54		16B	9			KK1208T	01	KK1208T	00	1	DBC	A9		07B	
60443		XA133	16									GND	01				DBC			01B	
61007		XA133	17		XA119	40		16B	9			KK1204T	01	KK1204T	00	1	DBC	A5		08B	
61018		XA133	18									KK1209T	02	KK1209T	00	1	DBC	A0		09A	
61764		XA133	19		XA139	60		16B	9			KMR5CB	08	KXR092T	01	1	DBC	B3		09B	
61782		XA133	20		XA138	59		16B	9			KMR7CB	09	KXR090T	01	1	DBC	B1		10A	
61754		XA133	21		XA139	66		16B	9			KMR4CB	07	KXR093T	01	1	DBC	B4		10B	
61773		XA133	22		XA138	53		16B	9			KMR6CB	09	KXR091T	01	1	DBC	B2		11A	
63876		XA133	23								M	KXR095T	01	KXR095T	00	1	DBC	B6		11B	
61714		XA133	24									KXR090T	02	KXR090T	00	1	DBC	B1		12A	DATA BYTE DECODER
63877		XA133	25								M	KXR096T	01	KXR096T	00	1	DBC	B7		12B	
61715		XA133	26		XA126	54		16B	9			KXR091T	01	KXR091T	00	1	DBC	B2		13A	
61718		XA133	27									KXR092T	02	KXR092T	00	1	DBC	B3		14A	
60082		XA133	28									+5V	01				DBC			08A	
CONNECTOR XA133 CONTINUED ON THE NEXT PAGE ****																					

RECORD NUMBER	FROM				TO				WIRE				SPEC INST MISC	SIGNAL	SEQ NO	EQUATION	TERM	FACTOR	CKT OR CHIP TYPE	GRDP	LOAD OR POWER PLANE	TEST POINTS AND OR	SIGNAL DESCRIPTION	ECO NO	
	PREFIX	CONNECTOR	PIN	USE	PREFIX	CONNECTOR	PIN	USE	SH FT	MULTI GROUP	CODE	COLOR													IDENT
61722		XA133	29											M	KXR097T	02	KXR097T	00	1	DBC	B8		13B		
63875		XA133	30												KXR093T	01	KXR093T	00	1	DBC	B4		15A		
61723		XA133	31		XA127	29				16B	9				KXR098T	01	KXR098T	00	1	DBC	B9		14B		
60444		XA133	32												GND	01				DBC			27A		
61720		XA133	33												KXR094T	02	KXR094T	00	1	DBC	B5		16A		
63878		XA133	34											M	KXR099T	01	KXR099T	00	1	DBC	B0		15B		
60901		XA133	35		XA128	50				16B	9				KKTCCP	04	KK03B5U	01	1	DBC	C5		16B	B02	
60920		XA133	36												KK03B5U	02	KK03B5U	00	1	DBC	C5		17A		
61365		XA133	37		XA129	42				16B	9				KXCP1B	09	KK03B2U	01	1	DBC	C2		17B		
60912		XA133	38												KK03B1U	02	KK03B1U	00	1	DBC	C1		18A	BITS 0-1-2-3 OF	
62367		XA133	39		XA131	38				16B	9				SPIO14I	06	KK03B1U	01	1	DBC	C1		18B		
62115		XA133	4T												SPA	01	KK1204T	01	1	DBC	A5				
62116		XA133	4T												SPA	01	KXR094T	01	1	DBC	B5				
60913		XA133	40		XA134	22				16B	9				KK03B2U	01	KK03B2U	00	1	DBC	C2		19A		
62479		XA133	41		XA138	65				16B	9				SPIO18I	01	KK03B1U	01	2	DBC	C1		19B		
60916		XA133	42												KK03B3U	02	KK03B3U	00	1	DBC	C3		20A		
62270		XA133	43		XA128	41				16B	9				SPIO05I	07	KK03B1U	01	3	DBC	C1		22B		
60445		XA133	44												GND	01				DBC			40B		
62246		XA133	45		XA129	29				16B	9				SPIO04I	08	KK03B1U	01	4	DBC	C1		23B		
60918		XA133	46												KK03B4U	02	KK03B4U	00	1	DBC	C4		21A		
62502		XA133	47		XA139	13				16B	9				SPIO20I	005	KK03B3U	01	1	DBC	C3		23A	B02	
62501		XA133	48		XA135	78				16B	9				KK00B0	02	KK03B4U	01	1	DBC	C4		22A	B02	
60898		XA133	49		XA134	49				16B	9				KKTCCP	01	KK08B5U	01	1	DBC	D5		24B		
62117		XA133	5T												SPA	01	KK1205T	01	1	DBC	A6				
62118		XA133	5T												SPA	01	KXR095T	01	1	DBC	B6				
62472		XA133	50		XA132	53				16B	9				SPIO17I	04	KK03B1U	01	5	DBC	C1		24A		
61362		XA133	51		XA134	51				16B	9				KXCP1B	06	KK08B2U	01	1	DBC	D2		25B		
63804		XA133	52											M	KK08B5U	01	KK08B5U	00	1	DBC	D5		25A		
61523		XA133	53		XA128	40				16B	9				KXGN1A	10	KK08B1U	01	1	DBC	D1		26B		
60958		XA133	54												KK08B1U	02	KK08B1U	00	1	DBC	D1		26A	BITS 8-9-10-11 OF	
61532		XA133	55		XA133	79				16B	9				KXGN2A	07	KK08B1U	01	2	DBC	D1		27B		
60959		XA133	56		XA124	54				16B	9				KK08B2U	01	KK08B2U	00	1	DBC	D2		28B		
61543		XA133	57		XA134	57				16B	9				KXGN3A	08	KK08B1U	01	3	DBC	D1		29B		
60446		XA133	58												GND	01				DBC					
61549		XA133	59												KXGN4A	03	KK08B1U	01	4	DBC	D1		30B		
62119		XA133	6T												SPA	01	KK1206T	01	1	DBC	A7				
62120		XA133	6T												SPA	01	KXR096T	01	1	DBC	B7				
60962		XA133	60		XA124	52				16B	9				KK08B3U	01	KK08B3U	00	1	DBC	D3		28A		
62503		XA133	61		XA134	61				16B	9				SPIO18I	25	KK08B3U	01	1	DBC	D3		31B		
60965		XA133	62		XA115	06				16B	9				KK08B4U	01	KK08B4U	00	1	DBC	D4		29A		
60889		XA133	63		XA122	68				16B	9				KKPE0A	02	KK08B1U	01	5	DBC	D1		31A		
60945		XA133	64		XA134	36				16B	9				KK04B5U	02	KK08B4U	01	1	DBC	D4		30A		
60199		XA133	65												DNW	01				DBC					
62505		XA133	66		XA134	66				16B	9				SPIO18I	27	KXS475U	01	1	DBC	E5		32B		
60447		XA133	67												GND	01				DBC					
63882		XA133	68												GND	01				DBC					
61790		XA133	69		XA127	39				16B	9			M	KXS475U	01	KXS475U	00	1	DBC	E5		33A	I/O BUFFFFER REG BIT	
62121		XA133	7T												KXSK00	02	KXS472U	01	1	DBC	E2		32A		
62122		XA133	7T												SPA	01	KK1207T	01	1	DBC	A8				
61827		XA133	70		XA237	38				16B	9			P	SPA	01	KXR097T	01	1	DBC	B8				
															KXS471U	03	KM471B	01	1	DBC	F1		34A		
CONNECTOR		XA133	CONTINUED ON THE NEXT PAGE ****																						

RECORD NUMBER	FROM			TO			WIRE			SPEC. INST. WIRE	SIGNAL	SEQ NO	EQUATION	TERM	FACTOR	CKT OR CHIP TYPE	GROUP	LOAD OR POWER PLANE	TEST POINTS AND/OR	SIGNAL DESCRIPTION	ECO NO	
	PREFIX	CONNECTOR	PIN	PREFIX	CONNECTOR	PIN	MULTI GROUP	CODE	COLOR													IDENT
64219		XA133	70							J	KXS471U	01	KXS471U	00	1	DBC	E1					
61432		XA133	71		XA116	73		16B	9		KXDB4TA	01	KXS471U	01	1	DBC	E1		33B		KM471B BUSS	
61828		XA133	72		XA142	33		16B	9	P	KXS472U	01	KM472B	01	1	DBC	E2		35A			
64220		XA133	72							J	KXS472U	01	KXS472U	00	1	DBC	E2					KM472B BUSS
61435		XA133	73								KXDB4TB	02	KXS471U	01	2	DBC	E1		34B			
61835		XA133	74		XA237	34		16B	9	P	KXS473U	03	KM473B	01	1	DBC	E3		34A			
64221		XA133	74							J	KXS473U	01	KXS473U	00	1	DBC	E3					KM473B BUSS
61436		XA133	75		XA116	74		16B	9		KXDB4TC	01	KXS471U	01	3	DBC	E1		35B			
61836		XA133	76		XA142	34		16B	9	P	KXS474U	01	KM474B	01	1	DBC	E4		37A			
64222		XA133	76							J	KXS474U	01	KXS474U	00	1	DBC	E4					KM474B BUSS
61439		XA133	77								KXDB4TD	02	KXS471U	01	4	DBC	E1		36B			
61545		XA133	78		XA134	78		16B	9		KXGN3A	10	KXS474U	01	1	DBC	E4		38A			
61533		XA133	79		XA134	79		16B	9		KXGN2A	08	KXS473U	01	1	DBC	E3		37B			
62123		XA133	8T								SPA	01	KXR098T	01	1	DBC	B9					
62124		XA133	8T								SPA	01	KK1208T	01	1	DBC	A9					
61521		XA133	80		XA134	53		16B	9		KXGN1A	08	KXS471U	01	5	DBC	E1		38B			
62125		XA133	9T								SPA	01	KK1209T	01	1	DBC	A0					
62126		XA133	9T								SPA	01	KXR099T	01	1	DBC	B0					
60200		XA134	01								DNW	01				DBC						
60448		XA134	02								GND	01				DBC				01A		
61763		XA134	03		XA133	19		16B	9		KMR5CB	07	KXRAF2T	01	1	DBC	A3			02B		
61781		XA134	04		XA133	20		16B	9		KMR7CB	08	KXRAF0T	01	1	DBC	A1			02A		
61752		XA134	05								KXR4CR	04	KXRAF3T	01	1	DBC	A4			03B		
61772		XA134	06		XA133	22		16B	9		KMR6CB	08	KXRAF1T	01	1	DBC	A2			03A		
61584		XA134	07								KXRAF5T	03	KXRAF5T	00	1	DBC	A6			04B		
63868		XA134	08							M	KXRAF0T	01	KXRAF0T	00	1	DBC	A1			04A		
61586		XA134	09								KXRAF6T	02	KXRAF6T	00	1	DBC	A7			05B		
63869		XA134	10							M	KXRAF1T	01	KXRAF1T	00	1	DBC	A2			05A		
61589		XA134	11								KXRAF7T	03	KXRAF7T	00	1	DBC	A8			06B		
60083		XA134	12								+5V	01				DBC				08A		
63871		XA134	13							M	KXRAF3T	01	KXRAF3T	00	1	DBC	A4			07A		
63870		XA134	14							M	KXRAF2T	01	KXRAF2T	00	1	DBC	A3			06A		
63873		XA134	15							M	KXRAF8T	01	KXRAF8T	00	1	DBC	A9			07B		
60449		XA134	16								GND	01				DBC				01B		
63872		XA134	17							M	KXRAF4T	01	KXRAF4T	00	1	DBC	A5			08B		
63874		XA134	18							M	KXRAF9T	01	KXRAF9T	00	1	DBC	A0			09A		
60915		XA134	19		XA133	42		16B	9		KK03B3U	01	KK0302T	01	1	DBC	B3			09B		
60911		XA134	20		XA133	38		16B	9		KK03B1U	01	KK0300T	01	1	DBC	B1			10A		
60929		XA134	21								KK030A	02	KK0303T	01	1	DBC	B4			10B		
60914		XA134	22								KK03B2U	02	KK0301T	01	1	DBC	B2			11A		
60931		XA134	23								KK0305T	02	KK0305T	00	1	DBC	B6			11B		
63797		XA134	24							M	KK0300T	01	KK0300T	00	1	DBC	B1			12A		
60932		XA134	25		XA119	04		16B	9		KK0306T	01	KK0306T	00	1	DBC	B7			12B		
63798		XA134	26							M	KK0301T	01	KK0301T	00	1	DBC	B2			13A		
63799		XA134	27							M	KK0302T	01	KK0302T	00	1	DBC	B3			14A		
60084		XA134	28								+5V	01				DBC				08A		
60935		XA134	29								KK0307T	02	KK0307T	00	1	DBC	B8			13B		
63800		XA134	30							M	KK0303T	01	KK0303T	00	1	DBC	B4			15A		
CONNECTOR		XA134	CONTINUED ON THE NEXT PAGE ***																			

RECORD NUMBER	FROM			TO			WIRE				SPEC INST	SIGNAL	SEQ NO	EQUATION	TERM	FACTOR	CKT OR CHIP TYPE	GROUP	LOAD OR POWER PLANE	TEST POINTS AND/OR	SIGNAL DESCRIPTION	ECO NO
	PREFIX	CONNECTOR	PIN	PREFIX	CONNECTOR	PIN	MULTI GROUP	CODE	COLOR	IDENT												
63802		XA134	31								M	KK0308T	01	KK0308T	00	1	DBC	B9		14B		
60450		XA134	32									GND	01				DBC			27A		
63801		XA134	33								M	KK0304T	01	KK0304T	00	1	DBC	B5		16A		
63803		XA134	34								M	KK0309T	01	KK0309T	00	1	DBC	B0		15B		
60900		XA134	35		XA133	35		16B	9			KKTCCP	03	KK0485U	01	1	DBC	C5		16B		
60946		XA134	36		XA114	38		16B	9			KK0485U	03	KK0485U	00	1	DBC	C5		17A		
61364		XA134	37		XA133	37		16B	9			KXCP1B	08	KK0482U	01	1	DBC	C2		17B		
60937		XA134	38									KK0481U	02	KK0481U	00	1	DBC	C1		18A	BITS 4-5-6-7 OF	
62499		XA134	39		XA133	61		16B	9			SPI0181	21	KK0481U	01	1	DBC	C1		18B		
62127		XA134	4T									SPA	01	KK0304T	01	1	DBC	B5			B02	
62128		XA134	4T									SPA	01	KXRAF4T	01	1	DBC	A5				
60938		XA134	40		XA115	05		16B	9			KK0482U	01	KK0482U	00	1	DBC	C2		19A		
62269		XA134	41		XA133	43		16B	9			SPI0051	06	KK0481U	01	2	DBC	C1		19B		
60941		XA134	42									KK0483U	02	KK0483U	00	1	DBC	C3		20A		
62245		XA134	43		XA133	45		16B	9			SPI0041	07	KK0481U	01	3	DBC	C1		22B		
60451		XA134	44									GND	01				DBC			40B		
62366		XA134	45		XA133	39		16B	9			SPI0141	05	KK0481U	01	4	DBC	C1		23B		
60942		XA134	46		XA115	01		16B	9			KK0484U	01	KK0484U	00	1	DBC	C4		21A		
62500		XA134	47		XA139	19		16B	9			SPI0191	00C	KK0483U	01	1	DBC	C3		23A		
60919		XA134	48		XA133	36		16B	9			KK03B5U	01	KK0484U	01	1	DBC	C4		22A		
60899		XA134	49		XA134	35		16B	9			KKTCCP	02	KK12B5U	01	1	DBC	D5		24B		
62129		XA134	5T									SPA	01	KXRAF5T	01	1	DBC	A6				
62130		XA134	5T									SPA	01	KK0305T	01	1	DBC	B6				
62471		XA134	50		XA133	50		16B	9			SPI0171	03	KK0481U	01	5	DBC	C1		24A		
61363		XA134	51		XA134	37		16B	9			KXCP1B	07	KK12B2U	01	1	DBC	D2		25B		
63805		XA134	52								M	KK12B5U	01	KK12B5U	00	1	DBC	D5		25A		
61522		XA134	53		XA133	53		16B	9			KXGN1A	09	KK12B1U	01	1	DBC	D1		26B		
60985		XA134	54		XA116	46		16B	9			KK12B1U	02	KK12B1U	00	1	DBC	D1		26A	BITS 12-13-14-15 0	
61531		XA134	55		XA133	55		16B	9			KXGN2A	06	KK12B1U	01	2	DBC	D1		27B		
60988		XA134	56		XA133	06		16B	9			KK12B2U	02	KK12B2U	00	1	DBC	D2		28B		
61544		XA134	57		XA133	78		16B	9			KXGN3A	09	KK12B1U	01	3	DBC	D1		29B		
60452		XA134	58									GND	01				DBC					
61548		XA134	59		XA133	59		16B	9			KXGN4A	02	KK12B1U	01	4	DBC	D1		30B		
62131		XA134	6T									SPA	01	KXRAF6T	01	1	DBC	A7				
62132		XA134	6T									SPA	01	KK0306T	01	1	DBC	B7				
60991		XA134	60		XA116	40		16B	9			KK12B3U	02	KK12B3U	00	1	DBC	D3		28A		
62504		XA134	61		XA133	66		16B	9			SPI0181	26	KK12B3U	01	1	DBC	D3		31B		
60995		XA134	62		XA133	05		16B	9			KK12B4U	03	KK12B4U	00	1	DBC	D4		29A		
60896		XA134	63		XA121	66		16B	9			KKPE1A	01	KK12B1U	01	5	DBC	D1		31A		
60895		XA134	64									KKPE00	05	KK12B4U	01	1	DBC	D4		30A		
60201		XA134	65									DNW	01				DBC					
62506		XA134	66		XA135	79		16B	9			SPI0181	28	KXS035U	01	1	DBC	E5		32B		
60453		XA134	67									GND	01				DBC					
63881		XA134	68								M	KXS035U	01	KXS035U	00	1	DBC	E5		33A	I/O BUFFER REG BIT	
61789		XA134	69		XA133	69		16B	9			KXSK00	01	KXS032U	01	1	DBC	E2		32A		
62133		XA134	7T									SPA	01	KK0307T	01	1	DBC	B8				
62134		XA134	7T									SPA	01	KXRAF7T	01	1	DBC	A8				
61811		XA134	70		XA237	31		16B	9		P	KXS031U	03	KM031B	01	1	DBC	E1		34A		
64215		XA134	70								J	KXS031U	01	KXS031U	00	1	DBC	E1				KM031B BUSS
61424		XA134	71		XA116	55		16B	9			KXDB0TA	01	KXS031U	01	1	DBC	E1		33B		
CONNECTOR XA134 CONTINUED ON THE NEXT PAGE ****																						

RECORD NUMBER	FROM			TO			WIRE			SPEC INST MISC	SIGNAL	SEQ NO	EQUATION	TERM	FACTOR	CKT OR CHIP TYPE	GROUP	LOAD OR POWER PLANE	TEST POINTS		SIGNAL DESCRIPTION	ECO NO			
	PREFIX	CONNECTOR	PIN	PREFIX	CONNECTOR	PIN	MULTI GROUP	CODE	COLOR										IDENT	AND			OR		
61815		XA134	72		XA237	33			16B	9				P	KXS032U	03	KM032B	01	1	DBC	E2				
64216		XA134	72											J	KXS032U	01	KXS032U	00	1	DBC	E2		35A		
61427		XA134	73												KXDB0TB	02	KXS031U	01	2	DBC	E1		34B		
61819		XA134	74		XA237	35			16B	9				P	KXS033U	03	KM033B	01	1	DBC	E3		36A		
64217		XA134	74											J	KXS033U	01	KXS033U	00	1	DBC	E3			KM033B BUSS	
61428		XA134	75		XA116	60			16B	9					KXDB0TC	01	KXS031U	01	3	DBC	E1		35B		
61820		XA134	76		XA142	04			16B	9				P	KXS034U	01	KM034B	01	1	DBC	E4		37A		
64218		XA134	76											J	KXS034U	01	KXS034U	00	1	DBC	E4			KM034B BUSS	
61431		XA134	77												KXDB0TD	02	KXS031U	01	4	DBC	E1		36B		
61546		XA134	78												KXGN3A	11	KXS034U	01	1	DBC	E4		38A		
61534		XA134	79		XA143	74			16B	9					KXGN2A	09	KXS033U	01	1	DBC	E3		37B		
62135		XA134	8T												SPA	01	KXRAF8T	01	1	DBC	A9				
62136		XA134	8T												SPA	01	KK0308T	01	1	DBC	B9				
61520		XA134	80		XA133	80			16B	9					KXGN1A	07	KXS031U	01	5	DBC	E1		38B		
62137		XA134	9T												SPA	01	KK0309T	01	1	DBC	B0				
62138		XA134	9T												SPA	01	KXRAF9T	01	1	DBC	A0				
61640		XA135	01		XA132	03			16B	9				P	KXRS1A	13	KXRS0B	01	2	TQ2	A2		02B	MASTER RESET BUS C	
61687		XA135	01											J	KXRS1A	01	KXRS1A	00	1	TQ2	A2		02B	KXRS0B BUSS	
60454		XA135	02												GND	01				TQ2			01A		
61686		XA135	03												KXRS00	07	KXRS2A	01	1	TQ2	A3		02A		
61685		XA135	04		XA135	03			16B	9					KXRS0G	06	KXRS1A	01	1	TQ2	A2		04A		
62493		XA135	05		XA135	07			16B	9					SPIO181	15	KXRS1A	01	2	TQ2	A2		03B		
61627		XA135	06											J	KXRS0A	01	KXRS0A	00	1	TQ2	A1		05A	KXRS0B BUSS	
61639		XA135	06		XA135	01			16B	9				P	KXRS0A	12	KXRS0B	01	1	TQ2	A1		05A	MASTER RESET BUS C	
62494		XA135	07		XA135	10			16B	9					SPIO181	16	KXRS2A	01	2	TQ2	A3		03A		
61684		XA135	08		XA135	04			16B	9					KXRS00	05	KXRS0A	01	1	TQ2	A1		06A		
61638		XA135	09		XA135	06			16B	9				P	KXRS2A	11	KXRS0B	01	3	TQ2	A3		04B	MASTER RESET BUS C	
61691		XA135	09											J	KXRS2A	01	KXRS2A	00	1	TQ2	A3		04B	KXRS0B BUSS	
62495		XA135	10		XA135	25			16B	9					SPIO181	17	KXRS0A	01	2	TQ2	A1		07A		
61562		XA135	11												KXINHS	02	KXINHR	01	1	TQ2	A4		05B		
60085		XA135	12												+5V	01				TQ2					
61563		XA135	13		XA132	43			16B	9					KXIN0A	01	KXINHR	01	2	TQ2	A4		06B		
62052		XA135	14												KXX04A	03	KXX04A	00	1	TQ2	B2		09A		
61559		XA135	15		XA132	01			16B	9					KXINHR	06	KXINHR	00	1	TQ2	A4		07B		
60455		XA135	16												GND	01				TQ2				01B	
61507		XA135	17												KXENAR	02	KXENAS	01	1	TQ2	B3		08B		
61918		XA135	18												KXXB00	02	KXX04A	01	1	TQ2	B2		10A		
61487		XA135	19												KXEAOA	04	KXENAS	01	2	TQ2	B3		09B		
61884		XA135	20		XA139	80			16B	9					KXXA40	01	KXX04A	01	2	TQ2	B2		11A		
61510		XA135	21		XA137	14			16B	9					KXENAS	03	KXENAS	00	1	TQ2	B3		10B	ENABLE ADDRESS F/E	
61350		XA135	22		XA137	22			16B	9					KXCMAS	02	KXCMAS	00	1	TQ2	B1		12A	COMMAND ADDRESS FF	
61339		XA135	23												KXCA1A	02	KXCA10	01	1	TQ2	B4		11B		
61348		XA135	24												KXCMAR	02	KXCMAS	01	1	TQ2	B1		13A		
62497		XA135	25		XA135	37			16B	9					SPIO181	19	KXCA10	01	2	TQ2	B4		12B		
61336		XA135	26		XA137	76			16B	9					KXCA0A	01	KXCMAS	01	2	TQ2	B1		14A		
61343		XA135	27		XA132	38			16B	9					KXCA10	04	KXCA10	00	1	TQ2	B4		13B		
60086		XA135	28												+5V	01				TQ2					
62069		XA135	29		XA137	45			16B	9					KXOFRR	01	KXOFERS	01	1	TQ2	C3		14B		
		CONNECTOR	XA135	CONTINUED ON THE NEXT PAGE ***																					

RECORD NUMBER	FROM			TO				WIRE				SIGNAL	SEQ 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												
61449		XA135	30		XA137	30			168	9		KXDEVS	02	KXDEVS	00	1	TQ2	C2		15A	DEVICE COMMAND F/R	
62081		XA135	31		XA125	33			168	9		KXROA	01	KXOFRS	01	2	TQ2	C3		15B		
60456		XA135	32									GND	01				TQ2				20B	
62074		XA135	33		XA137	43			168	9		KXOFRS	04	KXOFRS	00	1	TQ2	C3		16B	OFR COMMAND F/F	
61447		XA135	34									KXDEVR	02	KXDEVS	01	1	TQ2	C2		16A		
62365		XA135	35		XA134	45			168	9		SPIO141	04	KXGN2A	01	1	TQ2	C4		17B		
61468		XA135	36		XA125	35			168	9		KXDVA	01	KXDEVS	01	2	TQ2	C2		17A		
62498		XA135	37		XA134	39			168	9		SPIO181	20	KXGN2A	01	2	TQ2	C4		18B		
61466		XA135	38		XA137	37			168	9		KXDVS	03	KXDVS	00	1	TQ2	C1		18A	DEVICE COMMAND F/R	
61530		XA135	39		XA134	55			168	9		KXGN2A	05	KXGN2A	00	1	TQ2	C4		19B		
61463		XA135	40									KXDVS	02	KXDVS	01	1	TQ2	C1		19A		
61923		XA135	41		XA130	24			168	9		KXXB1Q	01	KXXB2A	01	1	TQ2	O3		22B		
61482		XA135	42		XA132	15			168	9		KXDV5A	01	KXDVS	01	2	TQ2	C1		20A		
61936		XA135	43		XA130	23			168	9		KXXB2P	03	KXXB2A	01	2	TQ2	D3		23B		
60457		XA135	44									GND	01				TQ2			21B		
61932		XA135	45		XA139	65			168	9		KXXB2A	03	KXXB2A	00	1	TQ2	O3		24B		
61919		XA135	46		XA139	71			168	9		KXXB1A	01	KXXB1A	00	1	TQ2	O2		21A		
61914		XA135	47		XA129	24			168	9		KXXB0Q	02	KXXB3A	01	1	TQ2	O4		25B		
61913		XA135	48		XA135	47			168	9		KXXB0Q	01	KXXB1A	01	1	TQ2	O2		22A		
61939		XA135	49		XA130	25			168	9		KXXB2Q	01	KXXB3A	01	2	TQ2	O4		26B		
61922		XA135	50									KXXB1P	02	KXXB1A	01	2	TQ2	O2		23A		
61949		XA135	51									KXXB3A	04	KXXB3A	00	1	TQ2	O4		27B	I/O BYTE COUNTER	
61906		XA135	52		XA137	46			168	9		KXXB0A	02	KXXB0A	00	1	TQ2	O1		24A		
61864		XA135	53									KXXA1P	02	KXXA6A	01	1	TQ2	E3		28B		
61911		XA135	54		XA128	09			168	9		KXXB0P	02	KXXB0A	01	1	TQ2	O1		25A		
61873		XA135	55		XA130	05			168	9		KXXA2Q	01	KXXA6A	01	2	TQ2	E3		29B		
61935		XA135	56		XA135	43			168	9		KXXB2P	02	KXXB0A	01	2	TQ2	O1		26A		
61893		XA135	57		XA127	08			168	9		KXXA6A	01	KXXA6A	00	1	TQ2	E3		30B	I/O STATE COUNTER	
60458		XA135	58									GND	01				TQ2			27A		
62084		XA135	59									KX1MAP	02	KXCPIA	01	1	TQ2	E4		31B		
61887		XA135	60									KXXA5A	02	KXXA5A	00	1	TQ2	E2		28A		
62091		XA135	61		XA129	31			168	9		KX1MBQ	01	KXCPIA	01	2	TQ2	E4		32B		
61858		XA135	62		XA137	73			168	9		KXXA0P	06	KXXA5A	01	1	TQ2	E2		29A		
61356		XA135	63									KXCPIA	04	KXCPIA	00	1	TQ2	E4		33B	PHASE 1 OF 2 PHASE	
61866		XA135	64		XA131	36			168	9		KXXA1Q	02	KXXA5A	01	2	TQ2	E2		30A		
61852		XA135	65									KXXA0Q	02	KXXADA	01	1	TQ2	F3		34B		
61883		XA135	66									KXXA4A	02	KXXA4A	00	1	TQ2	E1		31A		
60459		XA135	67									GND	01				TQ2			40A		
65634		XA135	67									KNCRAIR	04				TQ2			40A		C07
61862		XA135	68									KXXA0Q	03	KXXA4A	01	1	TQ2	E1		32A		
61850		XA135	69									KXXADA	02	KXXADA	00	1	TQ2	F3		35A	START I/O STATE	
61881		XA135	70									KXXA3Q	03	KXXA4A	01	2	TQ2	F1		33A		
60974		XA135	71									KK08C0	06	KKPEOA	01	1	TQ2	F2		36A		
60888		XA135	72		XA133	63			168	9		KKPEOA	01	KKPEOA	00	1	TQ2	F2		34A	DIVIDE BY 13 PARAL	
60944		XA135	73		XA133	64			168	9		KK04B5U	01	KKPEOA	01	2	TQ2	F2		36B		
62508		XA135	74		XA138	79			168	9		SPIO181	30	KXXADA	01	2	TQ2	F3		35B		B02
61707		XA135	75		XA137	79			168	9		KXROPA	05	KXROPA	00	1	TQ2	F1		37B	I/O INPUT REG PART	
62509		XA135	76		XA243	78			168	9		KK009A1	01	KK0090	01	1	TQ2	F4		37A		C01
61709		XA135	77		XA132	35			168	9		KXROPPR	02	KXROPA	01	1	TQ2	F1		38B		
62394		XA135	78									KK00BQ	03	KK0090	01	2	TQ2	F4		38A		B02
CONNECTOR XA135 CONTINUED ON THE NEXT PAGE ****																						

RECORD NUMBER	FROM				TO				WIRE			SFC INST	SIGNAL	SEQ NO	EQUATION	TERM	FACTOR	CKT OR CHIP TYPE	GROUP	LOAD OR POWER PLANE	TEST POINTS AND OR	SIGNAL DESCRIPTION	ECO NO						
	PREFIX	CONNECTOR	PIN	SFC	PREFIX	CONNECTOR	PIN	WIRE	MULTI GROUP	CODE	COLOR													IDENT					
62507		XA135	79			XA135	74			16B	9		SPIO181	29	KXROPA	01	2	TQ2	F1										
63779		XA135	80			XA128	48			16B	9		KK0090	01	KK0090	00	1	TQ2	F4				39B 39A					B02	
64486		XA136	01										SPP																
64487		XA136	02										GND															A02	
64488		XA136	03										SPP																
64489		XA136	04										SPP																
64490		XA136	05										SPP																
64491		XA136	06										SPP																
64492		XA136	07										SPP																
64493		XA136	08										SPP																
64494		XA136	09										SPP																
64495		XA136	10										SPP																
64496		XA136	11										SPP																
64497		XA136	12										+5V															A02	
64498		XA136	13										SPP																
64499		XA136	14										SPP																
64500		XA136	15										SPP																
64501		XA136	16										GND															A02	
64502		XA136	17										SPP																
64503		XA136	18										SPP																
64504		XA136	19										SPP																
64505		XA136	20										SPP																
64506		XA136	21										SPP																
64507		XA136	22										SPP																
64508		XA136	23										SPP																
64509		XA136	24										SPP																
64510		XA136	25										SPP																
64511		XA136	26										SPP																
64512		XA136	27										SPP																
64513		XA136	28										+5V															A02	
64514		XA136	29										SPP																
64515		XA136	30										SPP																
64516		XA136	31										SPP																
64517		XA136	32										GND															A02	
64518		XA136	33										SPP																
64519		XA136	34										SPP																
64520		XA136	35										SPP																
64521		XA136	36										SPP																
64522		XA136	37										SPP																
64523		XA136	38										SPP																
64524		XA136	39										SPP																
64525		XA136	40										SPP																
64526		XA136	41										SPP																
64527		XA136	42										SPP																
64528		XA136	43										SPP																
64529		XA136	44										GND																
64530		XA136	45										SPP															A02	
64531		XA136	46										SPP																
	CONNECTOR	XA136	CONTINUED ON THE NEXT PAGE ****																										

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DATA SYSTEMS DIVISION
LITTON SYSTEMS INC.
LITTON INDUSTRIES

DRAWING NUMBER 149016-880

CONNECTOR

UNIT ASSEMBLY NO. 149016

REV. E

INDEX

XA136

UNIT ASSEMBLY NAME CARD CAGE ASSY, A, IFCU

FILE IDENT T39C1FC6

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	PREFIX	CONNECTOR	PIN	WIRE	MULTI GROUP	CODE	COLOR											
64532		XA136	47									SPP									
64533		XA136	48									SPP									
64534		XA136	49									SPP									
64535		XA136	50									SPP									
64536		XA136	51									SPP									
64537		XA136	52									SPP									
64538		XA136	53									SPP									
64539		XA136	54									SPP									
64540		XA136	55									SPP									
64541		XA136	56									SPP									
64542		XA136	57									SPP									
64543		XA136	58									GND									A02
64544		XA136	59									SPP									
64545		XA136	60									SPP									
64546		XA136	61									SPP									
64547		XA136	62									SPP									
64548		XA136	63									SPP									
64549		XA136	64									SPP									
64550		XA136	65									SPP									
64551		XA136	66									SPP									
64552		XA136	67									GND									A02
64553		XA136	68									SPP									
64554		XA136	69									SPP									
64555		XA136	70									SPP									
64556		XA136	71									SPP									
64557		XA136	72									SPP									
64558		XA136	73									SPP									
64559		XA136	74									SPP									
64560		XA136	75									SPP									
64561		XA136	76									SPP									
64562		XA136	77									SPP									
64563		XA136	78									SPP									
64564		XA136	79									SPP									
64565		XA136	80									SPP									
61300		XA137	01		XA138	04			16B	9		KXBSLOX	02	KXBOEA	01	1	TD4	A2		02B	
60466		XA137	02									GND	01				TD4			01A	
60214		XA137	03									DNW	01				TD4				
61557		XA137	04		XA137	08			16B	9		KXINHR	04	KXBOEA	01	2	TD4	A2		04A	
60114		XA137	05		XA137	10			16B	9		DEVINH	02	KXBOEA	01	3	TD4	A2		03B	
61198		XA137	06		XA132	26			16B	9		KXASLOX	06	KXAQEA	01	1	TD4	A1		05A	
61969		XA137	07		XA137	13			16B	9		KXXCSO	01	KXBOEA	01	4	TD4	A2		03A	
61558		XA137	08		XA135	15			16B	9		KXINHR	05	KXAQEA	01	2	TD4	A1		04A	
61314		XA137	09									KXBOEA	04	KXBOEA	00	1	TD4	A2		04B	PORT B DATA SEND
60115		XA137	10		XA137	62			16B	9		DEVINH	03	KXAQEA	01	3	TD4	A1		07A	
61212		XA137	11									KXAQEA	04	KXAQEA	00	1	TD4	A1		05B	PORT A DATA SEND
60089		XA137	12									+5V	01				TD4				
61970		XA137	13		XA119	80			16B	9		KXXCSO	02	KXAQEA	01	4	TD4	A1		06B	
61511		XA137	14									KXENAS	04	KXENAR	01	1	TD4	B2		09A	
CONNECTOR	XA137	CONTINUED ON THE NEXT PAGE ****																			

RECORD NUMBER	FROM				TO				WIRE				SPL INST WIRE	SIGNAL	SEQ NO	EQUATION	TERM	FACTOR	CKT OR CHIP TYPE	GROUP	LOAD OR POWER PLANE	TEST POINTS AND OR	SIGNAL DESCRIPTION	ECO NO
	PREFIX	CONNECTOR	PIN	INFO	PREFIX	CONNECTOR	PIN	INFO	MULTI GROUP	CODE	COLOR	IDENT												
60215		XA137	15											DNW	01				TD4					
60467		XA137	16											GND	01				TD4			20B		
60216		XA137	17											DNW	01				TD4					
62051		XA137	18		XA135	14			16B	9				KXX04A	02	KXENAR	01 2	TD4	B2		10A			
61930		XA137	19		XA137	25			16B	9				KXXB2A	01	KXENAR	01 3	TD4	B2		09B			
61637		XA137	20		XA135	09			16B	9				KXRSOB	10	KXENAR	01 4	TD4	B2		11A			
61506		XA137	21		XA135	17			16B	9				KXENAR	01	KXENAR	00 1	TD4	B2		10B			
61351		XA137	22											KXCMA5	03	KXCMA5	01 1	TD4	B1		12A			
61347		XA137	23		XA135	24			16B	9				KXCMAR	01	KXCMAR	00 1	TD4	B1		11B			
62050		XA137	24		XA137	18			16B	9				KXX04A	01	KXCMAR	01 2	TD4	B1		13A			
61931		XA137	25		XA135	45			16B	9				KXXB2A	02	KXCMAR	01 3	TD4	B1		12B			
61636		XA137	26		XA137	20			16B	9				KXRSOB	09	KXCMAR	01 4	TD4	B1		14A			
60217		XA137	27											DNW	01			TD4						
60090		XA137	28											+5V	01			TD4						
60218		XA137	29											DNW	01			TD4						
61450		XA137	30											KXDEVS	03	KXDEVR	01 1	TD4	C2		15A			
61909		XA137	31											KXXB0A	05	KXDEVR	01 2	TD4	C2		15B			
60468		XA137	32											GND	01			TD4			21B			
61446		XA137	33		XA135	34			16B	9				KXDEVR	01	KXDEVR	00 1	TD4	C2		16B			
61946		XA137	34		XA137	40			16B	9				KXXB3A	01	KXDEVR	01 3	TD4	C2		16A			
61462		XA137	35		XA135	40			16B	9				KXDVSR	01	KXDVSR	00 1	TD4	C1		17B			
61635		XA137	36		XA137	26			16B	9				KXRSOB	08	KXDEVR	01 4	TD4	C2		17A			
61467		XA137	37											KXDVSS	04	KXDVSR	01 1	TD4	C1		18B			
61908		XA137	38		XA137	31			16B	9				KXXB0A	04	KXDVSR	01 2	TD4	C1		18A			
60219		XA137	39											DNW	01			TD4						
61947		XA137	40		XA137	48			16B	9				KXXB3A	02	KXDVSR	01 3	TD4	C1		19A			
60220		XA137	41											DNW	01			TD4						
61634		XA137	42		XA137	36			16B	9				KXRSOB	07	KXDVSR	01 4	TD4	C1		20A			
62075		XA137	43											KXOFRS	05	KXOFRR	01 1	TD4	D2		23B			
60469		XA137	44											GND	01			TD4			27A			
62070		XA137	45											KXOFRR	02	KXOFRR	00 1	TD4	D2		24B			
61907		XA137	46		XA137	38			16B	9				KXXB0A	03	KXOFRR	01 2	TD4	D2		21A			
61851		XA137	47		XA135	65			16B	9				KXXADO	01	KXXADO	00 1	TD4	D1		25B			
61948		XA137	48		XA135	51			16B	9				KXXB3A	03	KXOFRR	01 3	TD4	D2		22A			
61591		XA137	49		XA138	38			16B	9				KXRCMR	02	KXXADO	01 1	TD4	D1		26B			
61633		XA137	50		XA137	42			16B	9				KXRSOB	06	KXOFRR	01 4	TD4	D2		23A			
60221		XA137	51											DNW	01			TD4						
61599		XA137	52		XA138	30			16B	9				KXRENR	02	KXXADO	01 2	TD4	D1		24A			
60222		XA137	53											DNW	01			TD4						
61605		XA137	54		XA138	33			16B	9				KXRPCR	01	KXXADO	01 3	TD4	D1		25A			
61303		XA137	55		XA142	75			16B	9				KXBSLOX	05	KXBRQA	01 1	TD4	E2		29B			
61841		XA137	56											KXXACA	02	KXXADO	01 4	TD4	D1		26A			
61290		XA137	57											KXBRQA	02	KXBRQA	00 1	TD4	E2		30B			
60470		XA137	58											GND	01			TD4			40A			
61184		XA137	59											KXARQA	02	KXARQA	00 1	TD4	E1		31B			
61556		XA137	60		XA137	04			16B	9				KXINHR	03	KXBRQA	01 2	TD4	E2		28A			
61195		XA137	61		XA138	24			16B	9				KXASLOX	03	KXARQA	01 1	TD4	E1		32B			
60116		XA137	62		XA137	68			16B	9				DEVINH	04	KXBRQA	01 3	TD4	E2		29A			
60223		XA137	63											DNW	01			TD4						
62043		XA137	64		XA137	70			16B	9				KXXR0Q	03	KXBRQA	01 4	TD4	E2		30A			
CONNECTOR		XA137	CONTINUED ON THE NEXT PAGE ****																					

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RECORD NUMBER	FROM				TO				WIRE				SIGNAL	SEQ NO	EQUATION	TERM	FACTOR	CKT OR CHIP TYPE	GROUP	LOAD OR POWER PLANE	TEST POINTS AND/OR	SIGNAL DESCRIPTION	ECO NO
	PREFIX	CONNECTOR	PIN	LINE	PREFIX	CONNECTOR	PIN	SH FT	MULTI GROUP	CODE	COLOR	IDENT											
60224		XA137	65										DNW	01				TD4					
61555		XA137	66		XA137	60			168	9			KXINHR	02	KXARQA	01	2	TD4	E1			31A	
60471		XA137	67										GND	01				TD4				40B	
60117		XA137	68		XA146	10			168	9			DEVINH	05	KXARQA	01	3	TD4	E1			32A	
62054		XA137	69										KXX05A	02	KXX05A	00	1	TD4	F2			35A	I/O STATE IS 5,I/O
62044		XA137	70										KXXROQ	04	KXARQA	01	4	TD4	E1			33A	
61910		XA137	71		XA135	54			168	9			KXXBOP	01	KXX05A	01	1	TD4	F2			36A	
61934		XA137	72		XA135	56			168	9			KXXB2P	01	KXX05A	01	2	TD4	F2			34A	
61859		XA137	73										KXXAOP	07	KXX05A	01	3	TD4	F2			36B	
61865		XA137	74		XA135	64			168	9			KXXA1Q	01	KXX05A	01	4	TD4	F2			35B	
61758		XA137	75		XA130	71			168	9			KMRICB	07	KXCAOA	01	1	TD4	F1			37B	
61337		XA137	76										KXCAOA	02	KXCAOA	00	1	TD4	F1			37A	SET COMMAND ADDRESS
61594		XA137	77		XA139	38			168	9			KXREMS	01	KXCAOA	01	2	TD4	F1			38B	
62057		XA137	78										KXX050	03	KXCAOA	01	3	TD4	F1			38A	
61708		XA137	79										KXROPA	06	KXCAOA	01	4	TD4	F1			39B	
60225		XA137	80										DNW	01				TD4					
61270		XA138	01		XA139	11			168	9			KXBIEA	01	KXBIEA	00	1	TQ2	A2			02B	
60472		XA138	02										GND	01				TQ2				01A	
62491		XA138	03		XA135	05			168	9			SPIO181	13	KXGN1A	01	1	TQ2	A3			02A	
61301		XA138	04		XA138	18			168	9			KXBLSOX	03	KXBIEA	01	1	TQ2	A2			04A	
62017		XA138	05		XA138	10			168	9			KXXDRA	02	KXBIEA	01	2	TQ2	A2			03B	
61162		XA138	06										KXAIEA	03	KXAIEA	00	1	TQ2	A1			05A	
62362		XA138	07		XA135	35			168	9			SPIO141	01	KXGN1A	01	2	TQ2	A3			03A	
61197		XA138	08		XA137	06			168	9			KXASLOX	05	KXAIEA	01	1	TQ2	A1			06A	
61514		XA138	09		XA142	51			168	9			KXGN1A	01	KXGN1A	00	1	TQ2	A3			04B	SOFT GROUND
62018		XA138	10										KXXDRA	03	KXAIEA	01	2	TQ2	A1			07A	
61580		XA138	11		XA142	76			168	9			KXPRSOX	01	KXPRSA	01	1	TQ2	A4			05B	
60091		XA138	12										+5V	01				TQ2					
62487		XA138	13		XA139	10			168	9			SPIO181	09	KXPRSA	01	2	TQ2	A4			06B	
61296		XA138	14										KXBLSA	02	KXBLSA	00	1	TQ2	B2			09A	PORT B SELECT
61576		XA138	15		XA131	22			168	9			KXPRSA	01	KXPRSA	00	1	TQ2	A4			07B	CAP PANEL RESET
60473		XA138	16										GND	01				TQ2				01B	
60833		XA138	17		XA122	55			168	9			KEYINOX	02	KEYINO	01	1	TQ2	B3			08B	
61302		XA138	18		XA137	55			168	9			KXBLSOX	04	KXBLSA	01	1	TQ2	B2			10A	
62486		XA138	19		XA138	13			168	9			SPIO181	08	KEYINO	01	2	TQ2	B3			09B	
62485		XA138	20		XA138	19			168	9			SPIO181	07	KXBLSA	01	2	TQ2	B2			11A	
60830		XA138	21		XA114	34			168	9			KEYINO	01	KEYINO	00	1	TQ2	B3			10B	
61190		XA138	22										KXASLA	02	KXASLA	00	1	TQ2	B1			12A	PORT A SELECT
61801		XA138	23										KXSTIA	03	KXRS00	01	1	TQ2	B4			11B	
61196		XA138	24		XA138	08			168	9			KXASLOX	04	KXASLA	01	1	TQ2	B1			13A	
62483		XA138	25		XA138	26			168	9			SPIO181	05	KXRS00	01	2	TQ2	B4			12B	
62484		XA138	26		XA138	20			168	9			SPIO181	06	KXASLA	01	2	TQ2	B1			14A	
61683		XA138	27		XA135	08			168	9			KXRS00	04	KXRS00	00	1	TQ2	B4			13B	
60092		XA138	28										+5V	01				TQ2					
61609		XA138	29		XA130	62			168	9			KMRPCB	07	KXRPCR	01	1	TQ2	C3			14B	
61600		XA138	30		XA139	34			168	9			KXRENR	03	KXRENR	00	1	TQ2	C2			15A	
61614		XA138	31		XA138	36			168	9			KXRRSA	02	KXRPCR	01	2	TQ2	C3			15B	
60474		XA138	32										GND	01				TQ2				20B	
CONNECTOR		XA138	CONTINUED ON THE NEXT PAGE ***																				

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		
61606		XA138	33			XA139	29				168	9		KXRPCR	02	KXRPCR	00	1	TQ2	C3		16B		
61603		XA138	34			XA125	08				168	9		KXRENS	02	KXRENR	01	1	TQ2	C2		16A		
61899		XA138	35			XA132	50				168	9		KXXBCO	01	KXXBCA	01	1	TQ2	C4		17B		
61615		XA138	36			XA138	42				168	9		KXRRSA	03	KXRENR	01	2	TQ2	C2		17A		
62482		XA138	37			XA138	25				168	9		SPI0181	04	KXXBCA	01	2	TQ2	C4		18B		
61592		XA138	38			XA139	40				168	9		KXRCMR	03	KXRCMR	00	1	TQ2	C1		18A		
61898		XA138	39											KXXBCA	04	KXXBCA	00	1	TQ2	C4		19B	RESET I/O BYTE COUN	
61596		XA138	40			XA132	46				168	9		KXRCMS	03	KXRCMR	01	1	TQ2	C1		19A		
61739		XA138	41			XA129	62				168	9		KMR2CB	06	KXR2CR	01	1	TQ2	D3		22B		
61616		XA138	42			XA138	43				168	9		KXRRSA	04	KXRCMR	01	2	TQ2	C1		20A		
61617		XA138	43			XA138	49				168	9		KXRRSA	05	KXR2CR	01	2	TQ2	D3		23B		
60475		XA138	44											GND	01				TQ2			21B		
61734		XA138	45			XA131	48				168	9		KXR2CR	02	KXR2CR	00	1	TQ2	D3		24B		
61726		XA138	46			XA131	46				168	9		KXR1CR	02	KXR1CR	00	1	TQ2	D2		21A		
61745		XA138	47			XA127	40				168	9		KMR3CB	07	KXR3CR	01	1	TQ2	D4		25B		
61730		XA138	48			XA137	75				168	9		KMR1CB	06	KXR1CR	01	1	TQ2	D2		22A		
61618		XA138	49			XA138	50				168	9		KXRRSA	06	KXR3CR	01	2	TQ2	D4		26B		
61619		XA138	50			XA138	56				168	9		KXRRSA	07	KXR1CR	01	2	TQ2	D2		23A		
61742		XA138	51			XA131	49				168	9		KXR3CR	02	KXR3CR	00	1	TQ2	D4		27B		
61696		XA138	52			XA131	43				168	9		KXROCR	02	KXROCR	00	1	TQ2	D1		24A		
61775		XA138	53			XA139	57				168	9		KMR6CB	10	KXR6CR	01	1	TQ2	E3		28B		
61699		XA138	54			XA131	08				168	9		KMROCB	07	KXROCR	01	1	TQ2	D1		25A		
61621		XA138	55			XA138	61				168	9		KXRRSA	09	KXR6CR	01	2	TQ2	E3		29B		
61620		XA138	56			XA138	55				168	9		KXRRSA	08	KXROCR	01	2	TQ2	D1		26A		
61770		XA138	57			XA131	54				168	9		KXR6CR	02	KXR6CR	00	1	TQ2	E3		30B		
60476		XA138	58											GND	01				TQ2			27A		
61784		XA138	59			XA139	63				168	9		KMR7CB	10	KXR7CR	01	1	TQ2	E4		31B		
61761		XA138	60			XA131	52				168	9		KXR5CR	02	KXR5CR	00	1	TQ2	F2		28A		
61622		XA138	61			XA138	64				168	9		KXRRSA	10	KXR7CR	01	2	TQ2	E4		32B		
61767		XA138	62			XA128	62				168	9		KMR5CB	10	KXR5CR	01	1	TQ2	F2		29A		
61779		XA138	63			XA131	56				168	9		KXR7CR	02	KXR7CR	00	1	TQ2	E4		33B		
61623		XA138	64			XA138	70				168	9		KXRRSA	11	KXR5CR	01	2	TQ2	F2		30A		
62481		XA138	65			XA138	37				168	9		SPI0181	03		01	1	TQ2	F3		34B		
61750		XA138	66			XA131	50				168	9		KXR4CR	02	KXR4CR	00	1	TQ2	F1		31A		
60477		XA138	67											GND	01				TQ2			40A		
61757		XA138	68			XA129	71				168	9		KMR4CB	09	KXR4CR	01	1	TQ2	F1		32A		
63784		XA138	69											SPO	01				TQ2	F3		35A		
61624		XA138	70											KXRRSA	12	KXR4CR	01	2	TQ2	F1		33A		
62053		XA138	71			XA137	69				168	9		KXX05A	01	KXX050	01	1	TQ2	F2		36A		
62056		XA138	72			XA137	78				168	9		KXX050	02	KXX050	00	1	TQ2	F2		34A		
62512		XA138	73			XA138	76				168	9		SPI0181	34	KXX050	01	2	TQ2	F2		36B		
62397		XA138	74			XA144	66				168	9		SPI0141	36		01	2	TQ2	F3		35B		
61892		XA138	75											KXXA50	05	KXXA50	00	1	TQ2	F1		37B	I/O STATE COUNTER	
62513		XA138	76			XA144	78				168	9		SPI0181	35		01	1	TQ2	F4		37A		
61886		XA138	77			XA135	60				168	9		KXXA5A	01	KXXA50	01	1	TQ2	F1		38B		
62530		XA138	78			XA140	76				168	9		SPI0191	16		01	2	TQ2	F4		38A		
62511		XA138	79			XA138	73				168	9		SPI0181	33	KXXA50	01	2	TQ2	F1		39B		
63785		XA138	80											SPO	01				TQ2	F4		39A		

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	SERIAL	MULTI GROUP	CODE	COLOR													IDENT
61171		XA139	01									KXAIEO	09	KXAIEO	00	1	TQ2	A2		02B	PORT A DATA RECEIV		
60478		XA139	02									GND	01				TQ2			01A			
61161		XA139	03		XA138	06			16B	9		KXAIEA	02	KXAIFO	01	1	TQ2	A3		02A			
61160		XA139	04		XA139	03			16B	9		KXAIEA	01	KXAIEO	01	1	TQ2	A2		04A			
62490		XA139	05		XA138	03			16B	9		SPIO181	12	KXAIEO	01	2	TQ2	A2		03B			
62016		XA139	06		XA138	05			16B	9		KXXDRA	01	KXXDRA	00	1	TQ2	A1		05A	DAT RECEIVE INHIBIT		
62489		XA139	07		XA139	05			16B	9		SPIO181	11	KXAIFO	01	2	TQ2	A3		03A			
62020		XA139	08									KXXDRO	02	KXXDRA	01	1	TQ2	A1		06A			
61172		XA139	09		XA141	29			16B	9		KXAIFO	01	KXAIFO	00	1	TQ2	A3		04B			
62488		XA139	10		XA139	07			16B	9		SPIO181	10	KXXDRA	01	2	TQ2	A1		07A			
61271		XA139	11		XA139	24			16B	9		KXBIEA	02	KXBIEO	01	1	TQ2	A4		05B			
60093		XA139	12									+5V	01				TQ2						
62543		XA139	13		XA139	17			16B	9		SPIO201	01	KXBIEO	01	2	TQ2	A4		06B			
60814		XA139	14		XA113	50			16B	9		KENINO	01	KENINO	00	1	TQ2	B2		09A			
61277		XA139	15		XA140	11			16B	9		KXBIEO	05	KXBIEO	00	1	TQ2	A4		07B	PORT B DATA RECEIV		
60479		XA139	16									GND	01				TQ2			01B			
62544		XA139	17		XA139	20			16B	9		SPIO201	02	KXGN4A	01	1	TQ2	B3		08B			
61585		XA139	18		XA134	09			16B	9		KXRAF6T	01	KENINO	01	1	TQ2	B2		10A			
62515		XA139	19		XA140	47			16B	9		SPIO191	01	KXGN4A	01	2	TQ2	B3		09B			
62545		XA139	20		XA139	26			16B	9		SPIO201	03	KENINO	01	2	TQ2	B2		11A			
61547		XA139	21		XA134	59			16B	9		KXGN4A	01	KXGN4A	00	1	TQ2	B3		10B			
61285		XA139	22									KXBIFO	04	KXBIFO	00	1	TQ2	B1		12A			
63920		XA139	23		XA240	23			16B	9		T04MHK	01	K04M2O	01	1	TQ2	B4		11B			
61272		XA139	24									KXBIEA	03	KXBIFO	01	1	TQ2	B1		13A			
62547		XA139	25		XA139	37			16B	9		SPIO201	05	K04M2O	01	2	TQ2	B4		12B			
62546		XA139	26		XA139	25			16B	9		SPIO201	04	KXBIFO	01	2	TQ2	B1		14A			
62095		XA139	27									K04M2O	03	K04M2O	00	1	TQ2	B4		13B	4 MHZ RECEIVER		
60094		XA139	28									+5V	01				TQ2						
61607		XA139	29									KXRPCR	03	KXRPCS	01	1	TQ2	C3		14B			
61602		XA139	30		XA138	34			16B	9		KXRENS	01	KXRENS	00	1	TQ2	C2		15A	I/O INPUT REG ENAB		
61179		XA139	31									KXAPCB4	04	KXRPCS	01	2	TQ2	C3		15B			
60480		XA139	32									GND	01				TQ2			20B			
61608		XA139	33		XA138	29			16B	9	P	KXRPCS	06	KMRPCB	01	1	TQ2	C3		16B			
64206		XA139	33								J	KXRPCS	01	KXRPCS	00	1	TQ2	C3				KMRPCB BUSS	
61601		XA139	34									KXRENR	04	KXRENS	01	1	TQ2	C2		16A			
61847		XA139	35		XA131	47			16B	9		KXXACA	01	KXXACA	01	1	TQ2	C4		17B			
61152		XA139	36		XA140	33			16B	9		KXAENB4	01	KXRENS	01	2	TQ2	C2		17A			
62548		XA139	37		XA140	37			16B	9		SPIO201	06	KXXACA	01	2	TQ2	C4		18B			
61595		XA139	38		XA138	40			16B	9		KXRCS	02	KXRCS	00	1	TQ2	C1		18A	I/O INPUT REG COMM		
61840		XA139	39		XA137	56			16B	9		KXXACA	01	KXXACA	00	1	TQ2	C4		19B			
61593		XA139	40									KXRCSR	04	KXRCS	01	1	TQ2	C1		19A			
61733		XA139	41		XA138	45			16B	9		KXR2CR	01	KXR2CS	01	1	TQ2	D3		22B			
61144		XA139	42		XA140	30			16B	9		KXACMB4	01	KXRCS	01	2	TQ2	C1		20A			
61220		XA139	43		XA140	09			16B	9		KXA2CB4	01	KXR2CS	01	2	TQ2	D3		23B			
60481		XA139	44									GND	01				TQ2			21B			
61740		XA139	45		XA138	41			16B	9	P	KXR2CS	05	KMR2CB	01	1	TQ2	D3		24B			
64209		XA139	45								J	KXR2CS	01	KXR2CS	00	1	TQ2	D3				KMR2CB BUSS	
61729		XA139	46		XA138	48			16B	9	P	KXR1CS	05	KMR1CB	01	1	TQ2	D2		21A			
64208		XA139	46								J	KXR1CS	01	KXR1CS	00	1	TQ2	D2				KMR1CB BUSS	
61741		XA139	47		XA138	51			16B	9		KXR3CR	01	KXR3CS	01	1	TQ2	D4		25B			
CONNECTOR	XA139	CONTINUED ON THE NEXT PAGE ****																					

RECORD NUMBER	FROM			TO			WIRE			SPEC INST. MISC.	SIGNAL	SEQ NO	EQUATION	FERR	FACTOR	CKT OR CHIP TYPE	GROUP	LOAD OR POWER PLANE	TEST POINTS AND/OR	SIGNAL DESCRIPTION	ECO NO
	PREFIX	CONNECTOR	PIN	PREFIX	CONNECTOR	PIN	WIRE GROUP	CODE	COLOR												
61725		XA139	48		XA138	46															
61230		XA139	49		XA138	46															
61216		XA139	50																		
61744		XA139	51		XA138	47															
64210		XA139	51																		
61698		XA139	52		XA138	54															KMR3CB BUSS
64207		XA139	52																		
61769		XA139	53		XA138	57															
61695		XA139	54		XA138	52															
61251		XA139	55																		
61202		XA139	56		XA140	06															
61776		XA139	57		XA128	77															
64213		XA139	57																		
60482		XA139	58																		
61778		XA139	59		XA138	63															
61766		XA139	60		XA138	62															
64212		XA139	60																		
61255		XA139	61		XA140	27															
61760		XA139	62		XA138	60															
61785		XA139	63		XA128	71															
64214		XA139	63																		
61244		XA139	64																		
61933		XA139	65																		
61756		XA139	66		XA138	68															
64211		XA139	66																		
60483		XA139	67																		
61749		XA139	68		XA138	66															
61945		XA139	69																		
61237		XA139	70																		
61920		XA139	71																		
61929		XA139	72																		
62566		XA139	73		XA139	79															
62565		XA139	74		XA139	73															
61917		XA139	75		XA135	18															
61882		XA139	76		XA135	66															
61905		XA139	77		XA135	52															
62568		XA139	78		XA140	79															
62567		XA139	79		XA139	78															
61885		XA139	80																		
61215		XA140	01		XA139	50															
61315		XA140	01																		
60484		XA140	02																		
61279		XA140	03		XA140	04															
61280		XA140	04		XA140	08															
61316		XA140	05		XA142	15															
61203		XA140	06		XA141	06															
61308		XA140	06																		
61319		XA140	07		XA142	10															
CONNECTOR		XA140	CONTINUED ON THE NEXT PAGE ****																		

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RECORD NUMBER	FROM				TO				WIRE				SPEC. INSTR.	SIGNAL	SEQ NO	EQUATION	TERM	FACTOR	CKT OR CHIP TYPE	GROUP	LOAD OR POWER PLANE	TEST POINTS AND/OR	SIGNAL DESCRIPTION	ECO NO
	PREFIX	CONNECTOR	PIN	PCB #	PREFIX	CONNECTOR	PIN	PCB #	MULTI GROUP	CODE	COLOR	IDENT												
61281		XA140	08																			06A		
61221		XA140	09		XA141	09			16B	9			P	KXB2CD	02	KXA2CB4	02	1	TLD	A3		04B		
61318		XA140	09										J	KXB2CD	01	KXB2CD	00	1	TLD	A3		04B	KXA2CB4 BUSS	
61309		XA140	10		XA142	09			16B	9				KXB0COX	01	KXB0CD	01	2	TLD	A1		07A		
61278		XA140	11		XA140	03			16B	9				KXBIEO	06	KXB3CD	01	1	TLD	A4		05B		
60095		XA140	12											+5V	01									
61322		XA140	13		XA142	03			16B	9				KXB3COX	01	KXB3CD	01	2	TLD	A4		06B		
61243		XA140	14		XA139	64			16B	9				KXB5CD	03	KXA5CB4	02	1	TLD	B2		09A		
61327		XA140	14										J	KXB5CD	01	KXB5CD	00	1	TLD	B2		09A	KXA5CB4 BUSS	
61229		XA140	15		XA139	49			16B	9			P	KXB3CD	03	KXA3CB4	02	1	TLD	A4		07B		
61321		XA140	15										J	KXB3CD	01	KXB3CD	00	1	TLD	A4		07B	KXA3CB4 BUSS	
60485		XA140	16											GND	01							07B		
61276		XA140	17		XA139	15			16B	9				KXBIEO	04	KXB6CD	01	1	TLD	B3		08B		
61275		XA140	18		XA140	17			16B	9				KXBIEO	03	KXB5CD	01	1	TLD	B2		10A		
61331		XA140	19		XA142	40			16B	9				KXB6COX	01	KXB6CD	01	2	TLD	B3		09B		
61328		XA140	20		XA142	35			16B	9				KXB5COX	01	KXB5CD	01	2	TLD	B2		11A		
61250		XA140	21		XA139	55			16B	9			P	KXB6CD	03	KXA6CB4	02	1	TLD	B3		10B		
61330		XA140	21										J	KXB6CD	01	KXB6CD	00	1	TLD	B3		10B	KXA6CB4 BUSS	
61236		XA140	22		XA139	70			16B	9			P	KXB4CD	03	KXA4CB4	02	1	TLD	B1		12A		
61324		XA140	22										J	KXB4CD	01	KXB4CD	00	1	TLD	B1		12A	KXA4CB4 BUSS	
61273		XA140	23		XA140	24			16B	9				KXBIEO	01	KXB7CD	01	1	TLD	B4		11B		
61274		XA140	24		XA140	18			16B	9				KXBIEO	02	KXB4CD	01	1	TLD	B1		13A		
61334		XA140	25		XA142	30			16B	9				KXB7COX	01	KXB7CD	01	2	TLD	B4		12B		
61325		XA140	26		XA142	29			16B	9				KXB4COX	01	KXB4CD	01	2	TLD	B1		14A		
61256		XA140	27		XA141	27			16B	9			P	KXB7CD	02	KXA7CB4	02	1	TLD	B4		13B	PORT A/B DATA LINE	
61333		XA140	27										J	KXB7CD	01	KXB7CD	00	1	TLD	B4		13B	KXA7CB4 BUSS	
60096		XA140	28											+5V	01									
63969		XA140	28											+5VLOG1	02									
61284		XA140	29		XA139	22			16B	9				KXBIF0	03	KXBEND	01	1	TLD	C3		14B		
61145		XA140	30		XA141	30			16B	9			P	KXBCMD	02	KXACMB4	02	1	TLD	C2		15A	PORT A/B COMMAND	
61262		XA140	30										J	KXBCMD	01	KXBCMD	00	1	TLD	C2		15A	KXACMB4 BUSS	
61268		XA140	31		XA142	56			16B	9				KXBENOX	02	KXBEND	01	2	TLD	C3		15B		
60486		XA140	32											GND	01							21B		
61153		XA140	33		XA141	33			16B	9			P	KXBEND	02	KXAENB4	02	1	TLD	C3		16B	PORT A/B ENABLE LT	
61266		XA140	33										J	KXBEND	01	KXBEND	00	1	TLD	C3		16B	KXAENB4 BUSS	
61283		XA140	34		XA140	29			16B	9				KXBIF0	02	KXBCMD	01	1	TLD	C2		16A		
61291		XA140	35		XA127	60			16B	9				KXBRQ0	01	KXBR4D1	01	1	TLD	C4		17B		
61264		XA140	36		XA142	47			16B	9				KXBCMOX	02	KXBCMD	01	2	TLD	C2		17A		
62549		XA140	37		XA141	37			16B	9				SPIO201	07	KXBR4D1	01	2	TLD	C4		18B		
61178		XA140	38		XA139	31			16B	9			P	KXBPCD	03	KXAPCB4	02	1	TLD	C1		18A	PORT A/B PARITY LT	
61286		XA140	38										J	KXBPCD	01	KXBPCD	00	1	TLD	C1		18A	KXAPCB4 BUSS	
63842		XA140	39		XA243	06			16B	9				KXBR4D1	01	KXBR4D1	00	1	TLD	C4		19B	PORT B REQUEST	
61282		XA140	40		XA140	34			16B	9				KXBIF0	01	KXBPCD	01	1	TLD	C1		19A		
62517		XA140	41		XA141	43			16B	9				SPIO191	03		01	1	TLD	D3		22B		
61287		XA140	42		XA142	48			16B	9				KXBPCOX	01	KXBPCD	01	2	TLD	C1		20A		
62559		XA140	43		XA140	61			16B	9				SPIO201	17		01	2	TLD	D3		23B		
60487		XA140	44											GND	01							27A		
63898		XA140	45											SP0003	01		00	1	TLD	D3		24B		
63897		XA140	46									M		SP0002	01		00	1	TLD	D2		21A		
62516		XA140	47		XA140	41			16B	9				SPIO191	02		01	1	TLD	D4		25B		

CONNECTOR (XA140) CONTINUED ON THE NEXT PAGE ****

RECORD NUMBER	FROM				TO				WIRE				SFC INST. WIRE	SIGNAL	SEQ NO	EQUATION	TERM	FACTOR	CKT OR CHIP TYPE	GROUP	LOAD OR POWER PLANE	TEST POINTS AND OR	SIGNAL DESCRIPTION	ECO NO
	PREFIX	CONNECTOR	PIN	WIRE	PREFIX	CONNECTOR	PIN	WIRE	MULTI GROUP	CODE	COLOR	IDENT												
62553		XA140	48		XA141	48				16B	9			SPI0201	11		01	1	TLD	D2		22A		
62558		XA140	49		XA140	43				16B	9			SPI0201	16		01	2	TLD	D6		26B		
62520		XA140	50		XA141	50				16B	9			SPI0191	06		01	2	TLD	D2		23A		
63899		XA140	51											SPO004	01		00	1	TLD	D4		27B		
63896		XA140	52											SPO001	01		00	1	TLD	D1		24A		
62557		XA140	53		XA140	49				16B	9			SPI0201	15		01	1	TLD	E3		28B		
62524		XA140	54		XA140	55				16B	9			SPI0191	10		01	1	TLD	D1		25A		
62525		XA140	55		XA140	59				16B	9			SPI0191	11		01	2	TLD	E3		29B		
62556		XA140	56		XA140	53				16B	9			SPI0201	14		01	2	TLD	D1		26A		
63902		XA140	57											SPO007	01		00	1	TLD	E3		30B		
60488		XA140	58											GND	01				TLD			40A		
62526		XA140	59		XA140	65				16B	9			SPI0191	12		01	1	TLD	E4		31B		
63901		XA140	60											SPO006	01		00	1	TLD	E2		28A		
62560		XA140	61		XA140	62				16B	9			SPI0201	18		01	2	TLD	F4		32B		
62561		XA140	62		XA140	70				16B	9			SPI0201	19		01	1	TLD	E2		29A		
63903		XA140	63											SPO008	01		00	1	TLD	F4		33B		
62538		XA140	64		XA141	65				16B	9			SPI0191	24		01	2	TLD	E2		30A		
62527		XA140	65		XA140	71				16B	9			SPI0191	13		01	1	TLD	F3		34B		
63900		XA140	66											SPO005	01		00	1	TLD	E1		31A		
60489		XA140	67											GND	01				TLD					
62537		XA140	68		XA140	64				16B	9			SPI0191	23		01	1	TLD	E1		32A		
63906		XA140	69											SPO011	01		00	1	TLD	E3		35A		
62562		XA140	70		XA140	74				16B	9			SPI0201	20		01	2	TLD	E1		33A		
62528		XA140	71		XA140	77				16B	9			SPI0191	14		01	1	TLD	F2		36A		
63905		XA140	72											SPO010	01		00	1	TLD	F2		34A		
62564		XA140	73		XA139	74				16B	9			SPI0201	22		01	2	TLD	F2		36B		
62563		XA140	74		XA140	73				16B	9			SPI0201	21		01	2	TLD	F3		35B		
63904		XA140	75											SPO009	01		00	1	TLD	F1		37B		
62531		XA140	76		XA141	73				16B	9			SPI0191	17		01	1	TLD	F4		37A		
62529		XA140	77		XA138	78				16B	9			SPI0191	15		01	1	TLD	F1		38B		
62570		XA140	78		XA144	75				16B	9			SPI0201	28		01	2	TLD	F4		38A		
62569		XA140	79		XA140	78				16B	9			SPI0201	27		01	2	TLD	F1		39B		
63907		XA140	80											SPO012	01		00	1	TLD	F4		39A		
61214		XA141	01		XA140	01				16B	9			KXA1CD	02	KXA1CB4	01	1	TLD	A2		02B		
61217		XA141	01											KXA1CD	01	KXA1CD	00	1	TLD	A2		02B	KXA1CB4 BUSS	
60490		XA141	02											GND	01				TLD			01A		
61170		XA141	03		XA139	01				16B	9			KXA1EO	08	KXA2CD	01	1	TLD	A3		02A		
61169		XA141	04		XA141	03				16B	9			KXA1EO	07	KXA1CD	01	1	TLD	A2		04A		
61218		XA141	05		XA143	15				16B	9			KXA1COX	01	KXA1CD	01	2	TLD	A2		03B		
61204		XA141	06		XA144	08				16B	9			KXA0CD	03	KXA0CB4	01	1	TLD	A1		05A	PORT A/B DATA LINE	
61206		XA141	06											KXA0CD	01	KXA0CD	00	1	TLD	A1		05A	KXA0CB4 BUSS	
61225		XA141	07		XA143	10				16B	9			KXA2COX	01	KXA2CD	01	2	TLD	A3		03A		
61168		XA141	08		XA141	04				16B	9			KXA1EO	06	KXA0CD	01	1	TLD	A1		06A		
61222		XA141	09		XA144	05				16B	9			KXA2CD	03	KXA2CB4	01	1	TLD	A3		04B		
61224		XA141	09											KXA2CD	01	KXA2CD	00	1	TLD	A3		04B	KXA2CB4 BUSS	
61207		XA141	10		XA143	09				16B	9			KXA0COX	01	KXA0CD	01	2	TLD	A1		07A		
61167		XA141	11		XA141	08				16B	9			KXA1EO	05	KXA3CD	01	1	TLD	A4		05B		
60097		XA141	12											+5V	01				TLD					
CONNECTOR		XA141	CONTINUED ON THE NEXT PAGE ****																					

RECORD NUMBER	FROM				TO				WIRE			SIGNAL	SEQ NO	EQUATION	TERM	FACTOR	CKT OR CHIP TYPE	GROUP	LOAD OR POWER PLANE	TEST POINTS AND OR	SIGNAL DESCRIPTION	ECO NO
	PREFIX	CONNECTOR	PIN	WIRE	PREFIX	CONNECTOR	PIN	WIRE	CODE	COLOR	IDENT											
61232		XA141	13		XA143	03			168	9		KXA3COX	01	KXA3CD	01	2	TLD	A4		06B		
61242		XA141	14		XA140	14			168	9		KXA5CD	02	KXA5CB4	01	1	TLD	B2		09A		
61245		XA141	14								J	KXA5CD	01	KXA5CD	00	1	TLD	B2		09A	KXA5CB4	BUSS
61228		XA141	15		XA140	15			168	9		KXA3CD	02	KXA3CB4	01	1	TLD	A4		07B		
61231		XA141	15								J	KXA3CD	01	KXA3CD	00	1	TLD	A4		07B	KXA3CB4	BUSS
60491		XA141	16									GND	01				TLD			01B		
61166		XA141	17		XA141	11			168	9		KXAIE0	04	KXA6CD	01	1	TLD	B3		08B		
61165		XA141	18		XA141	17			168	9		KXAIE0	03	KXA5CD	01	1	TLD	B2		10A		
61253		XA141	19		XA143	40			168	9		KXA6COX	01	KXA6CD	01	2	TLD	B3		09B		
61246		XA141	20		XA143	35			168	9		KXA5COX	01	KXA5CD	01	2	TLD	B2		11A		
61249		XA141	21		XA140	21			168	9		KXA6CD	02	KXA6CB4	01	1	TLD	B3		10B		
61252		XA141	21								J	KXA6CD	01	KXA6CD	00	1	TLD	B3		10B	KXA6CB4	BUSS
61235		XA141	22		XA140	22			168	9		KXA4CD	02	KXA4CB4	01	1	TLD	B1		12A		
61238		XA141	22								J	KXA4CD	01	KXA4CD	00	1	TLD	B1		12A	KXA4CB4	BUSS
61163		XA141	23		XA141	24			168	9		KXAIE0	01	KXA7CD	01	1	TLD	B4		11B		
61164		XA141	24		XA141	18			168	9		KXAIE0	02	KXA4CD	01	1	TLD	B1		13A		
61260		XA141	25		XA143	30			168	9		KXA7COX	01	KXA7CD	01	2	TLD	B4		12B		
61239		XA141	26		XA143	29			168	9		KXA4COX	01	KXA4CD	01	2	TLD	B1		14A		
61257		XA141	27		XA144	24			168	9		KXA7CD	03	KXA7CB4	01	1	TLD	B4		13B	PORT A/B DATA LINE	
61259		XA141	27								J	KXA7CD	01	KXA7CD	00	1	TLD	B4		13B	KXA7CB4	BUSS
60098		XA141	28									+5V	01				TLD					
61173		XA141	29		XA141	34			168	9		KXAIF0	02	KXAEND	01	1	TLD	C3		14B		
61146		XA141	30		XA144	17			168	9		KXACMD	03	KXACMB4	01	1	TLD	C2		15A	PORT A/B COMMAND	
61148		XA141	30								J	KXACMD	01	KXACMD	00	1	TLD	C2		15A	KXACMB4	BUSS
61158		XA141	31		XA143	56			168	9		KXAENOX	02	KXAEND	01	2	TLD	C3		15B		
60492		XA141	32									GND	01				TLD			21B		
61154		XA141	33		XA144	19			168	9		KXAEND	03	KXAENB4	01	1	TLD	C3		16B	PORT A/B ENABLE LI	
61156		XA141	33								J	KXAEND	01	KXAEND	00	1	TLD	C3		16B	KXAENB4	BUSS
61174		XA141	34		XA141	40			168	9		KXAIF0	03	KXACMD	01	1	TLD	C2		16A		
61185		XA141	35		XA127	66			168	9		KXAR00	01	KXAR4D1	01	1	TLD	C4		17B		
61150		XA141	36		XA143	47			168	9		KXACMOX	02	KXACMD	01	2	TLD	C2		17A		
62550		XA141	37		XA141	41			168	9		SPIO201	08	KXAR4D1	01	2	TLD	C4		18B		
61177		XA141	38		XA140	38			168	9		KXAPCD	02	KXAPCB4	01	1	TLD	C1		18A	PORT A/B PARITY LI	
61180		XA141	38								J	KXAPCD	01	KXAPCD	00	1	TLD	C1		18A	KXAPCB4	BUSS
63818		XA141	39		XA 243	05			168	9		KXAR4D1	01	KXAR4D1	00	1	TLD	C4		19B	PORT A REQUEST	
61175		XA141	40									KXAIF0	04	KXAPCD	01	1	TLD	C1		19A		
62551		XA141	41		XA141	49			168	9		SPIO201	09				TLD	D3		22B		
61181		XA141	42		XA143	48			168	9		KXAPCOX	01	KXAPCD	01	2	TLD	C1		20A		
62518		XA141	43		XA141	47			168	9		SPIO191	04				TLD	D3		23B		
60493		XA141	44									GND	01				TLD			27A		
63910		XA141	45								M	SP0015	01				TLD	D3		24B		
63909		XA141	46								M	SP0014	01				TLD	D2		21A		
62519		XA141	47		XA140	50			168	9		SPIO191	05				TLD	D4		25B		
62554		XA141	48		XA141	56			168	9		SPIO201	12				TLD	D2		22A		
62552		XA141	49		XA140	48			168	9		SPIO201	10				TLD	D4		26B		
62521		XA141	50		XA141	54			168	9		SPIO191	07				TLD	D2		23A		
63911		XA141	51								M	SP0016	01				TLD	D4		27B		
63908		XA141	52								M	SP0013	01				TLD	D1		24A		
62523		XA141	53		XA140	54			168	9		SPIO191	09				TLD	E3		28B		
62522		XA141	54		XA141	53			168	9		SPIO191	08				TLD	D1		25A		
CONNECTOR XA141 CONTINUED ON THE NEXT PAGE ****																						

RECORD NUMBER	FROM				TO				WIRE				SPL. IN S. BUSS	SIGNAL	SEQ NO	EQUATION	TERM	FAC	GKT OR CHIP TYPE	GROUP	LOAD OR POWER PLANE	TEST POINTS AND/OR	SIGNAL DESCRIPTION	ECO NO	
	PREFIX	CONNECTOR	PIN	INFO	PREFIX	CONNECTOR	PIN	INFO	MULTI GROUP	CODE	COLOR	IDENT													
62581		XA141	55											SPIO211	10			01 2	TLD	E3		29B			
62555		XA141	56			XA140	56			168	9			SPIO201	13			01 2	TLD	D1		26A			
63914		XA141	57										M	SP0019	01			00 1	TLD	E3		30B			
60494		XA141	58											GND	01				TLD			40A			
62580		XA141	59			XA141	55			168	9			SPIO211	09			01 1	TLD	E4		31B			
63913		XA141	60									M	SP0018	01			00 1	TLD	E2		28A				
62540		XA141	61			XA141	62			168	9			SPIO191	26			01 2	TLD	E4		32B			
62541		XA141	62			XA144	76			168	9			SPIO191	27			01 1	TLD	F2		29A			
63915		XA141	63									M	SP0020	01			00 1	TLD	E4		33B				
62579		XA141	64			XA141	59			168	9			SPIO211	08			01 2	TLD	F2		30A			
62539		XA141	65			XA141	61			168	9			SPIO191	25			01 1	TLD	F3		34B			
63912		XA141	66									M	SP0017	01			00 1	TLD	F1		31A				
60495		XA141	67											GND	01				TLD						
62536		XA141	68			XA140	68			168	9			SPIO191	22			01 1	TLD	F1		32A			
63918		XA141	69									M	SP0023	01			00 1	TLD	F3		35A				
62578		XA141	70			XA141	64			168	9			SPIO211	07			01 2	TLD	F1		33A			
62574		XA141	71			XA141	77			168	9			SPIO211	03			01 1	TLD	F2		36A			
63917		XA141	72									M	SP0022	01			00 1	TLD	F2		34A				
62532		XA141	73			XA141	79			168	9			SPIO191	18			01 2	TLD	F2		36B			
62577		XA141	74			XA141	70			168	9			SPIO211	06			01 2	TLD	F3		35B			
63916		XA141	75									M	SP0021	01			00 1	TLD	F1		37B				
62534		XA141	76			XA142	71			168	9			SPIO191	20			01 1	TLD	F4		37A			
62575		XA141	77			XA141	78			168	9			SPIO211	04			01 1	TLD	F1		38B			
62576		XA141	78			XA141	74			168	9			SPIO211	05			01 2	TLD	F4		38A			
62533		XA141	79			XA141	76			168	9			SPIO191	19			01 2	TLD	F1		39B			
63919		XA141	80									M	SP0024	01			00 1	TLD	F4		39A				
63856		XA142	01									J	KXB3CDX	01	KXB3CDX	00 1	DCF	A7			02A	M80388 BUSS			
64200		XA142	01			XA248	50			168	9		P	KXB3CDX	01	M80388	01 1	DCF	A7		02A		A01		
60527		XA142	02			XA244	32			168	9			M80388BR	01			DCF				01A		A02	
65528		XA142	02											GND	01			DCF				01A		A02	
61323		XA142	03											KXB3COX	02	KXB3COX	00 1	DCF	A8		03A				
61822		XA142	04			XA143	04			168	9			KM034B	02	KXB3COX	01 1	DCF	A8		04A				
60528		XA142	05			XA246	44			168	9			M8008BR	01			DCF						A02	
61313		XA142	06			XA137	09			168	9			KXB0EA	03	KXB0CDX	01 1	DCF	A1		05A				
63845		XA142	06									M	KXB0EA	01	KXB1CDX	01 1	DCF	A3			05A				
63846		XA142	06									M	KXB0EA	01	KXB2CDX	01 1	DCF	A5			05A				
63847		XA142	06									M	KXB0EA	01	KXB3CDX	01 1	DCF	A7			05A				
63844		XA142	07									J	KXB0CDX	01	KXB0CDX	00 1	DCF	A1			02B	M80088 BUSS			
64197		XA142	07			XA248	41			168	9		P	KXB0CDX	01	M80088	01 1	DCF	A1		02B		A01		
61817		XA142	08			XA134	74			168	9			KM033B	02	KXB2COX	01 1	DCF	A6		06A				
61310		XA142	09											KXB0COX	02	KXB0COX	00 1	DCF	A2		03B				
61320		XA142	10											KXB2COX	02	KXB2COX	00 1	DCF	A6		07A				
61809		XA142	11			XA134	70			168	9			KM031B	02	KXB0COX	01 1	DCF	A2		04B				
60099		XA142	12											+5V	01			DCF				08A			
61813		XA142	13			XA134	72			168	9			KM032B	02	KXB1COX	01 1	DCF	A4		05B				
63855		XA142	14									J	KXB2CDX	01	KXB2CDX	00 1	DCF	A5			08B	M80288 BUSS			
64199		XA142	14			XA248	47			168	9		P	KXB2COX	01	M80288	01 1	DCF	A5		08B		A01		
61317		XA142	15											KXB1COX	02	KXB1COX	00 1	DCF	A4		06B				
CONNECTOR		XA142	CONTINUED ON THE NEXT PAGE ****																						

RECORD NUMBER	FROM			TO			WIRE				MULTI GROUP	CODE	COLOR	IDENT	SIGNAL	SEQ NO	EQUATION	TERM	FACTOR	CKT OR CHIP TYPE	GROUP	LOAD OR POWER PLANE	TEST POINTS		SIGNAL DESCRIPTION	ECO NO	
	PREFIX	CONNECTOR	PIN	PREFIX	CONNECTOR	PIN	WIRE	WIRE	WIRE	WIRE													WIRE	WIRE			WIRE
60531		XA142	16		XA 248	02						16B	9														A02
65529		XA142	16																								A02
63864		XA142	17																								
64198		XA142	17		XA 248	46						16B	9														
60226		XA142	18																								
60532		XA142	19		XA 245	32						16B	9														A02
60227		XA142	20																								
60536		XA142	21		XA 249	62						16B	9														D04
60228		XA142	22																								
63860		XA142	23																								
64204		XA142	23		XA 248	60						16B	9														
60229		XA142	24																								
60535		XA142	25		XA 242	02						16B	9														
60230		XA142	26																								A02
63857		XA142	27																								
64201		XA142	27		XA 248	51						16B	9														
60100		XA142	28																								
61326		XA142	29																								
61335		XA142	30																								
61825		XA142	31		XA 133	70						16B	9														
60496		XA142	32																								
61830		XA142	33		XA 143	33						16B	9														
61838		XA142	34		XA 143	34						16B	9														
61329		XA142	35																								
61312		XA142	36		XA 142	06						16B	9														
63848		XA142	36																								
63849		XA142	36																								
63850		XA142	36																								
63858		XA142	37																								
64202		XA142	37		XA 248	54						16B	9														
61833		XA142	38		XA 133	74						16B	9														
60539		XA142	39		XA 248	16						16B	9														
61332		XA142	40																								
63859		XA142	41																								
64203		XA142	41		XA 248	57						16B	9														
60540		XA142	42		XA 241	32						16B	9														
63841		XA142	43																								
64195		XA142	43		XA 248	40						16B	9														
60544		XA142	44		XA 248	32						16B	9														
65530		XA142	44																								
60543		XA142	45		XA 246	02						16B	9														
63837		XA142	46																								
64192		XA142	46		XA 248	76						16B	9														
61265		XA142	47																								
61288		XA142	48																								
61516		XA142	49		XA 143	49						16B	9														
61457		XA142	50		XA 237	42						16B	9														
61515		XA142	51		XA 142	49						16B	9														
61311		XA142	52		XA 142	36						16B	9														
63851		XA142	52																								
CONNECTOR		XA142	CONTINUED ON		THE NEXT PAGE		****																				

LITTON	CARD CAGE ASSY, A, IFCU											T39C1FC6				09-03-82		77				
RECORD NUMBER	FROM				TO				WIRE			SIGNAL	SEQ NO	EQUATION	TERM	FACTOR	CKT OR CHIP TYPE	GROUP	LOAD OR POWER PLANE	TEST POINTS AND OR	SIGNAL DESCRIPTION	ECO NO
	PREFIX	CONNECTOR	PIN	USE	PREFIX	CONNECTOR	PIN	DATE	MULTI GROUP	CODE	COLOR											
63852		XA142	52									M	KXB0EA	01	KXBINDX	01	1	DCF	C5	29A		
63853		XA142	52									M	KXB0EA	01	KXBPCDX	01	1	DCF	C7	29A		
60547		XA142	53		XA246	32			168	9			MBENBBR	01								A02
61419		XA142	54		XA132	63			168	9			KXDBIQ	02	KXBINOX	01	1	DCF	C6	30A		
63838		XA142	55									J	KXBENDX	01	KXBENDX	00	1	DCF	C3	30B	MBENBB BUSS	
64193		XA142	55		XA248	73			168	9		P	KXBENDX	01	MBENBB	01	1	DCF	C3	30B		A01
61269		XA142	56										KXBENOX	03	KXBENOX	00	1	DCF	C4	29B		
63840		XA142	57									M	KXBINOX	01	KXBINOX	00	1	DCF	C6	31A		
60548		XA142	58		XA248	44			168	9			MBINBBR	01								A02
65531		XA142	58										GND	01								A02
60550		XA142	59										SPF	01								A02
63839		XA142	60									J	KXBINDX	01	KXBINDX	00	1	DCF	C5	31B	MBINBB BUSS	
64194		XA142	60		XA248	77			168	9		P	KXBINDX	01	MBINBB	01	1	DCF	C5	31B		A01
63786		XA142	61										SPO	01								
60231		XA142	62										DNW	01								
60232		XA142	63										DNW	01								
60233		XA142	64										DNW	01								
61192		XA142	65									J	KXASLDX	01	KXASLDX	00	1	DCF	D1	32B	KXASLB BUSS	
65112		XA142	65		XA344	65			168	9		P	KXASLDX	02	KXASLB	01	1	DCF	D1	32B		C01
60234		XA142	66										DNW	01								
60552		XA142	67										GND	01								A02
63787		XA142	68										SPO	01								
61194		XA142	69		X1137	61			168	9			KXASLOX	02	KXASLOX	00	1	DCF	D2	33B		
62292		XA142	70		X1116	01			168	9			X1116	02								
62535		XA142	71		XA141	60			168	9			SPI0191	21	KXASLOX	01	1	DCF	D2	34B		
62573		XA142	72		XA141	71			168	9			SPI0211	02	KXASLDX	01	1	DCF	D1	36A		
63894		XA142	72									M	SPI0211	01	KXPRSDX	01	1	DCF	D5	36A		C01
63895		XA142	72									M	SPI0211	01	KXBSDLX	01	1	DCF	D3	36A		C01
62242		XA142	73		XA134	43			168	9			SPI0041	04	KXBSDLX	01	1	DCF	D4	35B		
62280		XA142	74		XA116	05			168	9			SPI0061	02	KXPRSOX	01	1	DCF	D6	37A		
61304		XA142	75		XA143	73			168	9			KXBSDLX	06	KXBSDLX	00	1	DCF	D4	36B		
61581		XA142	76										KXPRSOX	02	KXPRSOX	00	1	DCF	D6	38A		
60555		XA142	77										SPF	01								A02
61298		XA142	78									J	KXBSDLX	01	KXBSDLX	00	1	DCF	D3	37B	KXBSDLX BUSS	
65114		XA142	78		XA344	78			168	9		P	KXBSDLX	02	KXBSDLX	01	1	DCF	D3	37B		C01
60556		XA142	79										SPF	01								A02
61578		XA142	80									J	KXPRSDX	01	KXPRSDX	00	1	DCF	D5	38B	KXPRSDX BUSS	
65116		XA142	80		XA344	80			168	9		P	KXPRSDX	02	KXPRSDX	01	1	DCF	D5	38B		C01
63832		XA143	01		XA248	13			168	9		J	KXA3CDX	01	KXA3CDX	00	1	DCF	A7	02A	MB03AB BUSS	
64187		XA143	01		XA247	16			168	9		P	KXA3CDX	01	MB03AB	01	1	DCF	A7	02A		A01
60526		XA143	02										MB03ABR	01								A02
65532		XA143	02										GND	01								A02
61233		XA143	03										KXA3COX	02	KXA3COX	00	1	DCF	A8	03A		
61823		XA143	04		XA237	37			168	9			KM034B	03	KXA3COX	01	1	DCF	A8	04A		
60529		XA143	05		XA247	02			168	9			MB00ABR	01								A02
61211		XA143	06		XA137	11			168	9			KXA0EA	03	KXA0CDX	01	1	DCF	A1	05A		
63821		XA143	06									M	KXA0EA	01	KXA3CDX	01	1	DCF	A7	05A		
63822		XA143	06									M	KXA0EA	01	KXA1CDX	01	1	DCF	A3	05A		
CONNECTOR (XA143) CONTINUED ON THE NEXT PAGE ****																						

RECORD NUMBER	FROM				TO				WIRE				SPEC INST	SIGNAL	SEQ NO	EQUATION	TERM	FACTOR	CKT OR CHIP TYPE	GROUP	LOAD OR POWER PLANE	TEST POINTS AND/OR	SIGNAL DESCRIPTION	FCO NO
	PREFIX	CONNECTOR	PIN	INFO	PREFIX	CONNECTOR	PIN	INFO	MULTI GROUP	CODE	COLOR	IDENT												
63823		XA143	06										M	KXA0EA	01	KXA2CDX	01	1	DCF	A5		05A		
63820		XA143	07										J	KXA0CDX	01	KXA0CDX	00	1	DCF	A1		02B	MBO0AB BUSS	
64184		XA143	07		XA248	04			16B	9			P	KXA0CDX	01	MBO0AB	01	1	DCF	A1		02B		A01
61816		XA143	08		XA142	08			16B	9				KM033B	01	KXA2COX	01	1	DCF	A6		06A		
61208		XA143	09											KXA0COX	02	KXA0COX	00	1	DCF	A2		03B		
61226		XA143	10											KXA2COX	02	KXA2COX	00	1	DCF	A6		07A		
61808		XA143	11		XA142	11			16B	9				KM031B	01	KXA0COX	01	1	DCF	A2		04B		
60101		XA143	12											+5V	01				DCF			08A		
61812		XA143	13		XA142	13			16B	9				KM032B	01	KXA1COX	01	1	DCF	A4		05B		
63831		XA143	14										J	KXA2CDX	01	KXA2CDX	00	1	DCF	A5		08B	MBO2AB BUSS	
64186		XA143	14		XA248	08			16B	9			P	KXA2CDX	01	MBO2AB	01	1	DCF	A5		08B		A01
61219		XA143	15											KXA1COX	02	KXA1COX	00	1	DCF	A4		06B		
60530		XA143	16		XA245	67			16B	9				MBO2ABR	01				DCF					A02
65533		XA143	16											GND	01				DCF					A02
63830		XA143	17										J	KXA1CDX	01	KXA1CDX	00	1	DCF	A3		07B	MBO1AB BUSS	
64185		XA143	17		XA248	05			16B	9			P	KXA1CDX	01	MBO1AB	01	1	DCF	A3		07B		A01
60235		XA143	18											DNW	01				DCF					
60533		XA143	19		XA246	67			16B	9				MBO1ABR	01				DCF					A02
60236		XA143	20											DNW	01				DCF					
60537		XA143	21		XA241	44			16B	9				MBO7ABR	01				DCF					A02
60237		XA143	22											DNW	01				DCF					
63836		XA143	23										J	KXA7CDX	01	KXA7CDX	00	1	DCF	B7		10A	MBO7AB BUSS	
64191		XA143	23		XA248	21			16B	9			P	KXA7CDX	01	MBO7AB	01	1	DCF	B7		10A		A01
60238		XA143	24											DNW	01				DCF					
60534		XA143	25		XA244	67			16B	9				MBO4ABR	01				DCF					A02
60239		XA143	26											DNW	01				DCF					
63833		XA143	27										J	KXA4CDX	01	KXA4CDX	00	1	DCF	B1		10B	MBO4AB BUSS	
64188		XA143	27		XA248	14			16B	9			P	KXA4CDX	01	MBO4AB	01	1	DCF	B1		10B		A01
60102		XA143	28											+5V	01				DCF			21B		
61240		XA143	29											KXA4COX	02	KXA4COX	00	1	DCF	B2		11B		
61261		XA143	30											KXA7COX	02	KXA7COX	00	1	DCF	B8		11A		
61824		XA143	31		XA142	31			16B	9				KM471B	01	KXA4COX	01	1	DCF	B2		12B		
60497		XA143	32											GND	01				DCF					
61831		XA143	33		XA237	36			16B	9				KM472B	03	KXA5COX	01	1	DCF	B4		13B		
61839		XA143	34		XA237	30			16B	9				KM474B	03	KXA7COX	01	1	DCF	B8		12A		
61247		XA143	35											KXA5COX	02	KXA5COX	00	1	DCF	B4		14B		
61210		XA143	36		XA143	06			16B	9				KXA0EA	02	KXA4CDX	01	1	DCF	B1		13A		
63824		XA143	36										M	KXA0EA	01	KXA6CDX	01	1	DCF	B5		13A		
63825		XA143	36										M	KXA0EA	01	KXA5CDX	01	1	DCF	B3		13A		
63826		XA143	36										M	KXA0EA	01	KXA7CDX	01	1	DCF	B7		13A		
63834		XA143	37										J	KXA5CDX	01	KXA5CDX	00	1	DCF	B3		15B	MBO5AB BUSS	
64189		XA143	37		XA248	17			16B	9			P	KXA5CDX	01	MBO5AB	01	1	DCF	B3		15B		A01
61832		XA143	38		XA142	38			16B	9				KM473B	01	KXA6COX	01	1	DCF	B6		14A		
60538		XA143	39		XA242	67			16B	9				MBO5ABR	01				DCF					A02
61254		XA143	40											KXA6COX	02	KXA6COX	00	1	DCF	B6		15A		
63835		XA143	41										J	KXA6CDX	01	KXA6CDX	00	1	DCF	B5		16A	MBO6AB BUSS	
64190		XA143	41		XA248	20			16B	9			P	KXA6CDX	01	MBO6AB	01	1	DCF	B5		16A		A01
60541		XA143	42		XA241	02			16B	9				MBO6ABR	01				DCF			20B		A02
63817		XA143	43										J	KXAPCDX	01	KXAPCDX	00	1	DCF	C7		25A	MBO6AB BUSS	
64182		XA143	43		XA248	01			16B	9			P	KXAPCDX	01	MBO6AB	01	1	DCF	C7		25A		A01
CONNECTOR		XA143	CONTINUED ON THE NEXT PAGE ***																					

H78-14 1523

DATA SYSTEMS DIVISION
LITTON SYSTEMS INC.
LITTON INDUSTRIES

DRAWING NUMBER 149016-880

CONNECTOR UNIT ASSEMBLY NO. 149016

REV. E

INDEX

XA143

UNIT ASSEMBLY NAME CARD CAGE ASSY, A, IFCU

FILE IDENT T39C1FC6

DATE 09-03-82

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RECORD NUMBER	FROM				TO				WIRE				SIGNAL	SEQ NO	EQUATION	TERM	FACTOR	CKT OR CHIP TYPE	GROUP	LOAD OR POWER PLANE	TEST POINTS		SIGNAL DESCRIPTION	ECO NO
	PREFIX	CONNECTOR	PIN	SH TO	PREFIX	CONNECTOR	PIN	SH TO	MULTI GROUP	CODE	COLOR	IDENT									SPC INST MISC	AND		
60545		XA143	44		XA247	32				16B	9			MBOPABR	01									A02
65534		XA143	44											GND	01									A02
60542		XA143	45		XA247	58				16B	9			MBCMABR	01							27A		A02
63813		XA143	46									J		KXACMDX	01	KXACMDX	00	1	DCF	C1		25B	MRCMAB BUSS	
64180		XA143	46		XA248	36				16B	9	P		KXACMDX	01	MBCMAB	01	1	DCF	C1		25B		A01
61151		XA143	47											KXACMOX	03	KXACMOX	00	1	DCF	C2		26B		
61182		XA143	48											KXAPCOX	02	KXAPCOX	00	1	DCF	C8		26A		
61517		XA143	49		XA143	51				16B	9			KXGN1A	04	KXACMOX	01	1	DCF	C2		27B		
61456		XA143	50		XA142	50				16B	9			KXDSBPR	01	KXAPCOX	01	1	DCF	C8		28A		
61518		XA143	51		XA143	72				16B	9			KXGN1A	05	KXAENOX	01	1	DCF	C4		28B		
61209		XA143	52		XA143	36				16B	9			KXAOEA	01	KXACMDX	01	1	DCF	C1		29A		
63827		XA143	52									M		KXAOEA	01	KXAPCDX	01	1	DCF	C7		29A		
63828		XA143	52									M		KXAOEA	01	KXAINDX	01	1	DCF	C5		29A		
63829		XA143	52									M		KXAOEA	01	KXAENDX	01	1	DCF	C3		29A		
60546		XA143	53		XA249	33				16B	9			MBENABR	01									D04
61418		XA143	54		XA142	54				16B	9			KXDBIO	01	KXATNOX	01	1	DCF	C6		30A		
63814		XA143	55									J		KXAENDX	01	KXAENDX	00	1	DCF	C3		30B	MBENAB BUSS	
64205		XA143	55		XA248	33				16B	9	P		KXAENDX	01	MBENAB	00	1	DCF	C3		30B		A01
61159		XA143	56											KXAENOX	03	KXAENOX	00	1	DCF	C4		29B		
63816		XA143	57									M		KXAINOX	01	KXAINOX	00	1	DCF	C6		31A		
60549		XA143	58		XA247	44				16B	9			MBINABR	01									A02
65535		XA143	58											GND	01									A02
60551		XA143	59		XA450	74				16B	9			KPOUTDXR	01									
63815		XA143	60									J		KXAINDX	01	KXAINDX	00	1	DCF	C5		31B	MBINAB BUSS	
64181		XA143	60		XA248	37				16B	9	P		KXAINDX	01	MBINAB	01	1	DCF	C5		31B		A01
61089		XA143	61		XA144	35				16B	9			KPOUTDX4	015	KPOUTDX4	00	1	DCF	D7		33A	OUTPUT DATA TO TTY	
60240		XA143	62											DNW	01									
60241		XA143	63											DNW	01									
60242		XA143	64											DNW	01									
61201		XA143	65									J		KXASTDX4	01	KXASTDX4	00	1	DCF	D1		32B	KXASTB BUSS	
65113		XA143	65		XA345	65				16B	9	P		KXASTDX4	02	KXASTB	01	1	DCF	D1		32B		
60243		XA143	66											DNW	01									
60553		XA143	67											GND	01									
63812		XA143	68									M		KPOUTOX	01	KPOUTOX	00	1	DCF	D8		34A		A02
63819		XA143	69											KXASTOX	01	KXASTOX	00	1	DCF	D2		33B		
61091		XA143	70		XA118	25				16B	9			KPOUTOX	01	KPOUTOX	01	1	DCF	D8		35A		
61193		XA143	71		XA142	69				16B	9			KXASLOX	01	KXASTOX	01	1	DCF	D2		34B		
61519		XA143	72		XA134	80				16B	9			KXGN1A	06	KXASTDX4	01	1	DCF	D1		36A		
63863		XA143	72									M		KXGN1A	01	KPOUTDX4	01	1	DCF	D7		36A		
63864		XA143	72									M		KXGN1A	01	KXBSTDX4	01	1	DCF	D3		36A		
63865		XA143	72									M		KXGN1A	01	KEYINDX	01	1	DCF	D5		36A		C01
61305		XA143	73											KXBSLOX	07	KXBSTOX	01	1	DCF	D4		35B		
61535		XA143	74											KXGN2A	10	KEYINOX	01	1	DCF	D6		37A		
63843		XA143	75									M		KXBSTOX	01	KXBSTOX	00	1	DCF	D4		36B		
60832		XA143	76		XA138	17				16B	9			KEYINOX	01	KEYINOX	00	1	DCF	D6		38A		
60554		XA143	77											SPF	01									
61307		XA143	78									J		KXBSTDX4	01	KXBSTDX4	00	1	DCF	D3		37B	KXBSTB BUSS	
65115		XA143	78		XA345	78				16B	9	P		KXBSTDX4	02	KXBSTB	01	1	DCF	D3		37B		A02
60557		XA143	79											KEYINDXR	02								40B	
60828		XA143	80		XA348	47				16B	9			KEYINDX	01	KEYINDX	00	1	DCF	D5		38B	KEYBOARD INPUT DATA	C01

RECORD NUMBER	FROM			TO			WIRE				SIGNAL	SEQ NO	EQUATION	TERM	FACTOR	CKT OR CHIP TYPE	GROUP	LOAD OR POWER PLANE	TEST POINTS LND OR	SIGNAL DESCRIPTION	ECO NO
	PREFIX	CONNECTOR	PIN	PREFIX	CONNECTOR	PIN	WIRE	MULTI GROUP	CODE	COLOR											
60244		XA144	01									DNW	01			RR4					
60498		XA144	02									GND	01			RR4					
65606		XA144	02									G14402	06			RR4					B02
60015		XA144	03		XA144	04			168	9		+05RES	600			RR4	AP				
63938		XA144	03									+05RES	705			RR4	AP				
60016		XA144	04		XA144	14			168	9		+05RES	605			RR4	AP				
63939		XA144	04									+05RES	715			RR4	AP				
61223		XA144	05									KXA2CB4	04			RR4	A3				
60565		XA144	06		XA144	02			168	9		G14402	05			RR4	AC				B02
61227		XA144	07		XA141	15			168	9		KXA3CB4	01			RR4	A4				
61205		XA144	08									KXAOCB4	04			RR4	A1				
61234		XA144	09		XA141	22			168	9		KXA4CB4	01			RR4	A5				
61213		XA144	10		XA141	01			168	9		KXA1CB4	01			RR4	A2				
60245		XA144	11									DNW	01			RR4					
60103		XA144	12									+5V	01			RR4					
60014		XA144	13		XA144	21			168	9		+05RES	615			RR4	BP				
60013		XA144	14		XA144	13			168	9		+05RES	610			RR4	BP				
60824		XA144	15									DNW	01			RR4				KEYWAY	B06
60825		XA144	16									DNW	01			RR4				KEYWAY	B06
61147		XA144	17									KXACB4	04			RR4	B4				
60564		XA144	18		XA144	06			168	9		G14402	04			RR4	BC				B02
61155		XA144	19									KXAENB4	04			RR4	B5				
61241		XA144	20		XA141	14			168	9		KXA5CB4	01			RR4	B1				
60011		XA144	21		XA144	22			168	9		+05RES	620			RR4	CP				
60012		XA144	22		XA144	34			168	9		+05RES	625			RR4	CP				
61191		XA144	23		XA346	23			168	9		MXASLB4	00C			RR4	C3				B02
61258		XA144	24									KXA7CB4	04			RR4	B3				
61306		XA144	25		XA143	78			168	9		KXBSTB	01			RR4	C4				
61248		XA144	26		XA141	21			168	9		KXA6CB4	01			RR4	B2				
60246		XA144	27									DNW	01			RR4					
60104		XA144	28									+5V	01			RR4					
61297		XA144	29		XA346	29			168	9		MXBSLB4	00C			RR4	C5				B02
60563		XA144	30		XA144	18			168	9		G14402	03			RR4	CC				B02
60247		XA144	31									DNW	01			RR4					
60499		XA144	32									GND	01			RR4					
65605		XA144	32		XA144	40			168	9		G14402	01			RR4					B02
60010		XA144	33		XA144	49			168	9		+05RES	635			RR4	DP				
60009		XA144	34		XA144	33			168	9		+05RES	630			RR4	DP				
61090		XA144	35									KPOUTDX4	02			RR4	D3				
61176		XA144	36		XA141	38			168	9		KXAPCB4	01			RR4	C1				
62175		XA144	37									SPI0011	37			RR4	D4				
61200		XA144	38		XA143	65			168	9		KXASTB	01			RR4	C2				
62176		XA144	39		XA120	25			168	9		SPI0021	01			RR4	D5				
60562		XA144	40		XA144	30			168	9		G14402	02			RR4	DC				B02
62291		XA144	41		XA142	70			168	9		SPI0071	01			RR4	E5				
61579		XA144	42		XA346	42			168	9		MXPRSB4	00C			RR4	D1				B02
60248		XA144	43									DNW	01			RR4					
60500		XA144	44									GND	01			RR4					
65608		XA144	44									G14444	06			RR4					B02
62279		XA144	45		XA142	74			168	9		SPI0061	01			RR4	E4				
CONNECTOR		XA144	CONTINUED ON THE NEXT PAGE ****																		

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DATA SYSTEMS DIVISION
LITTON SYSTEMS INC.
LITTON INDUSTRIES

DRAWING NUMBER 149016-880

CONNECTOR

UNIT ASSEMBLY NO. 149016

REV. E

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XA144

UNIT ASSEMBLY NAME CARD CAGE ASSY, A, IFCU

FILE IDENT

T39C1FC6

DATE 09-03-82

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RECORD NUMBER	FROM			TO			WIRE				SPEC. IN USE	SIGNAL	SEQ NO	EQUATION	TERM FACTOR	CKT OR CHIP TYPE	GROUP	LOAD OR POWER PLANE	TEST POINTS AND/OR	SIGNAL DESCRIPTION	ECO NO
	PREFIX	CONNECTOR	PIN	PREFIX	CONNECTOR	PIN	INFO	MULTI GROUP	CODE	COLOR											
60829		XA144	46		XA348	49			168	9		KEYIN84	01			RR4	D2				B02
62264		XA144	47		XA134	41			168	9		SPI0051	01			RR4	F3				
62241		XA144	48		XA142	73			168	9		SPI0041	03			RR4	E2				
60007		XA144	49		XA144	50			168	9		+05RES	640			RR4	EP				
60008		XA144	50		XA144	60			168	9		+05RES	645			RR4	EP				
62325		XA144	51		XA116	24			168	9		SPI0121	01			RR4	F5				
62238		XA144	52									SPI0031	32			RR4	E1				
62324		XA144	53									SPI0111	03			RR4	F4				
60561		XA144	54		XA144	44			168	9		G14444	05			RR4	EC				B02
62319		XA144	55		XA116	30			168	9		SPI0101	01			RR4	F3				
62312		XA144	56		XA116	10			168	9		SPI0091	01			RR4	F2				
60826		XA144	57									DNW	01			RR4				KEYWAY	B06
60827		XA144	58									DNW	01			RR4				KEYWAY	B06
60006		XA144	59		XA144	69			168	9		+05RES	655			RR4	FP				
60005		XA144	60		XA144	59			168	9		+05RES	650			RR4	FP				
62478		XA144	61		XA134	50			168	9		SPI0171	01			RR4	G5				
62311		XA144	62									SPI0081	10			RR4	F1				
62468		XA144	63									SPI0161	36			RR4	G4				
60560		XA144	64		XA144	54			168	9		G14444	04			RR4	FC				B02
62432		XA144	65									SPI0151	34			RR4	G3				
62398		XA144	66									SPI0141	37			RR4	G2				
60501		XA144	67									GND	01			RR4					
65607		XA144	67		XA144	77			168	9		G14444	01			RR4					B02
60249		XA144	68									DNW	01			RR4					
60003		XA144	69		XA144	70			168	9		+05RES	656			RR4	GP				
60004		XA144	70		XA144	80			168	9		+05RES	657			RR4	GP				
63734		XA144	71									SPR	01			RR4	H5				
62361		XA144	72									SPI0131	34			RR4	G1				
62572		XA144	73		XA142	72			168	9		SPI0211	01			RR4	H4				
60559		XA144	74		XA144	64			168	9		G14444	03			RR4	GC				B02
62571		XA144	75									SPI0201	29			RR4	H3				
62542		XA144	76									SPI0191	28			RR4	H2				
60558		XA144	77		XA144	74			168	9		G14444	02			RR4	HC				B02
62514		XA144	78									SPI0181	36			RR4	H1				
60002		XA144	79									+05RES	659			RR4	HP				
60001		XA144	80		XA144	79			168	9	K	+05RES	658			RR4	HP				
63446		XA145	01									SPP	01								
60502		XA145	02									GND	01								
63447		XA145	03									SPP	01								
63448		XA145	04									SPP	01								
63449		XA145	05									SPP	01								
63450		XA145	06									SPP	01								
63451		XA145	07									SPP	01								
63452		XA145	08									SPP	01								
63453		XA145	09									SPP	01								
63454		XA145	10									SPP	01								
63455		XA145	11									SPP	01								
60105		XA145	12									+5V	01								
CONNECTOR (XA145) CONTINUED ON THE NEXT PAGE ****																					

RECORD NUMBER	FROM				TO				WIRE				SIGNAL	SEQ 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											
65602		XA145	12			XA146	08							+5VRESS	01								802
63456		XA145	13							16B	9			SPP	01								
63457		XA145	14											SPP	01								
63458		XA145	15											SPP	01								
60503		XA145	16											GND	01								
63459		XA145	17											SPP	01								
63460		XA145	18											SPP	01								
63461		XA145	19											SPP	01								
63462		XA145	20											SPP	01								
63463		XA145	21											SPP	01								
63464		XA145	22											SPP	01								
63465		XA145	23											SPP	01								
63466		XA145	24											SPP	01								
63467		XA145	25											SPP	01								
63468		XA145	26											SPP	01								
63469		XA145	27											SPP	01								
60106		XA145	28											+5V	01								
63470		XA145	29											SPP	01								
63471		XA145	30											SPP	01								
63472		XA145	31											SPP	01								
60504		XA145	32											GND	01								
63473		XA145	33											SPP	01								
63474		XA145	34											SPP	01								
63475		XA145	35											SPP	01								
63476		XA145	36											SPP	01								
63477		XA145	37											SPP	01								
63478		XA145	38											SPP	01								
63479		XA145	39											SPP	01								
63480		XA145	40											SPP	01								
63481		XA145	41											SPP	01								
63482		XA145	42											SPP	01								
63483		XA145	43											SPP	01								
60505		XA145	44											GND	01								
63484		XA145	45											SPP	01								
63485		XA145	46											SPP	01								
63486		XA145	47											SPP	01								
63487		XA145	48											SPP	01								
63488		XA145	49											SPP	01								
63489		XA145	50											SPP	01								
63490		XA145	51											SPP	01								
63491		XA145	52											SPP	01								
63492		XA145	53											SPP	01								
63493		XA145	54											SPP	01								
63494		XA145	55											SPP	01								
63495		XA145	56											SPP	01								
63496		XA145	57											SPP	01								
60506		XA145	58											GND	01								
65123		XA145	58											+5AXIFAG	09								A01
63497		XA145	59											SPP	01								
63498		XA145	60											SPP	01								
CONNECTOR	XA145	CONTINUED ON THE NEXT PAGE ****																					

RECORD NUMBER	FROM			TO			WIRE				SIGNAL	SEQ 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	U	MULTI GROUP	CODE	COLOR											
63499		XA145	61									SPP	01								
63500		XA145	62									SPP	01								
63501		XA145	63									SPP	01								
63502		XA145	64									SPP	01								
63503		XA145	65									SPP	01								
63504		XA145	66									SPP	01								
60507		XA145	67									GND	01								
63505		XA145	68									SPP	01								
63506		XA145	69									SPP	01								
63507		XA145	70									SPP	01								
63508		XA145	71									SPP	01								
63509		XA145	72									SPP	01								
63510		XA145	73									SPP	01								
63511		XA145	74									SPP	01								
63512		XA145	75									SPP	01								
63513		XA145	76									SPP	01								
63514		XA145	77									SPP	01								
63515		XA145	78									SPP	01								
63516		XA145	79									SPP	01								
63517		XA145	80									SPP	01								
63518		XA146	01		XA146	02			16B	9		GND14602	01			MTS					
60508		XA146	02								GND	01				MTS					
64155		XA146	02		XA146	03			16B	9		GND14602	02			MTS					
63519		XA146	03		XA146	04			16B	9		GND14602	03			MTS					
65593		XA146	03		XA547	02		CA	1ED	0		+05RESSR	01			MTS				B02	
63520		XA146	04								GND14602	04				MTS					
63521		XA146	05								SPP	01				MTS					
63522		XA146	06								SPP	01				MTS					
63523		XA146	07		XA547	03		CA	1ED	2		+05RESS	00C			MTS				C01	
63524		XA146	08								+5VRESS	02				MTS				B02	
63525		XA146	09								SPP	01				MTS					
63526		XA146	10		XA238	05			16B	9		DEVINH	06			MTS					
63527		XA146	11								TOSCEA4	03				MTS					
60107		XA146	12								+5V	01				MTS					
63985		XA146	12		XA146	23			16B	9		+5VRES	02			MTS					
63528		XA146	13								DDIEC	02				MTS					B02
63529		XA146	14		XA131	25			16B	9		DEVINH	00			MTS				B02	
63530		XA146	15								SPP	01				MTS					
60509		XA146	16								GND	01				MTS					
63531		XA146	17								SPP	01				MTS					
63532		XA146	18								SPP	01				MTS					
63533		XA146	19								SPP	01				MTS					
63534		XA146	20								SPP	01				MTS					
63535		XA146	21								SPP	01				MTS					
63536		XA146	22		XA146	12			16B	9		+5VRES	01			MTS					
63537		XA146	23		XA146	62			16B	9		+5VRES	03			MTS				B02	
63538		XA146	24								SPP	01				MTS					
63539		XA146	25								SPP	01				MTS					
CONNECTOR XA146 CONTINUED ON THE NEXT PAGE ****																					

RECORD NUMBER	FROM			TO			WIRE				SPECIALS 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	U	MULTI GROUP	CODE	COLOR										IDENT	AND		
63540		XA146	26									SPP	01				MTS						
63541		XA146	27	3	XA144	04	3	16B	9			+05RES	710				MTS						
60108		XA146	28									+5V	01				MTS						
63986		XA146	28		XA146	37		16B	9			+5VRES	05				MTS						C01
63542		XA146	29		XA547	80		AC	1ED	2		+05RES	720				MTS						B02
63543		XA146	30									SPP	01				MTS						
63544		XA146	31									SPP	01				MTS						
60510		XA146	32									GND	01				MTS						
63941		XA146	32		XA547	67		AC	1ED	0		+05RESG	01				MTS						B02
63545		XA146	33									SPP	01				MTS						
63546		XA146	34									SPP	01				MTS						
63547		XA146	35									SPP	01				MTS						
63548		XA146	36		XA250	35		AE	1ED	2		+5VDC	01				MTS						B02
63549		XA146	37									+5VRES	06				MTS						B02
63550		XA146	38									SPP	01				MTS						
63551		XA146	39	3	XA144	03	3	16B	9			+05RES	700				MTS				SENSE R1		
63552		XA146	40									LORIF	02				MTS						
63553		XA146	41									SPP	01				MTS						
63554		XA146	42									SPP	01				MTS						
63555		XA146	43		XA547	80		1BB	9			+05RES	00C				MTS				SENSE R2		C02
60511		XA146	44									GND	01				MTS						A02
65122		XA146	44		XA148	42		16B	9			+5AXIFAG	01				MTS						A01
65595		XA146	44		XA250	36		AE	1ED	0		+5VDCR	01				MTS						B02
63556		XA146	45		XA140	28		16B	9			+5VLOG1	01				MTS				LOGIC SENSE 1		
63557		XA146	46		XA503	28		16B	9			+5VLOG2	01				MTS				LOGIC SENSE 2		
63558		XA146	47									SPP	01				MTS						
63559		XA146	48									SPP	00				MTS						B02
63560		XA146	49									SPP	01				MTS						
63561		XA146	50									SPP	02				MTS						B02
63562		XA146	51									SPP	01				MTS						
63563		XA146	52									SPP	01				MTS						
63564		XA146	53									SPP	01				MTS						
63565		XA146	54									SPP	01				MTS						
63566		XA146	55									SPP	01				MTS						
63567		XA146	56									SPP	01				MTS						
63568		XA146	57									SPP	01				MTS						
60512		XA146	58									GND	01				MTS						
65524		XA146	58		XA148	80		16B	9			WIFCOG	01				MTS						A01
63569		XA146	59									SPP	01				MTS						
63570		XA146	60									SPP	01				MTS						
63571		XA146	61		XA549	63		AD	1ED	2		+05VDC	015				MTS						C01
63572		XA146	62		XA146	28		16B	9			+5VRES	04				MTS						B02
63573		XA146	63		XA549	64		AD	1ED	0		+05VDCR	00C				MTS						B02
63574		XA146	64									SPP	04				MTS						B02
63575		XA146	65									SPP	01				MTS						B02
63576		XA146	66									SPP	06				MTS						B02
60513		XA146	67									GND	01				MTS						
63577		XA146	68									SPP	01				MTS						B02
63578		XA146	69									SPP	01				MTS						
63579		XA146	70									SPP	01				MTS						
CONNECTOR XA146 CONTINUED ON THE NEXT PAGE ****																							

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DATA SYSTEMS DIVISION
LITTON SYSTEMS INC.
LITTON INDUSTRIES

DRAWING NUMBER 149016-880

CONNECTOR

UNIT ASSEMBLY NO. 149016

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XA146

UNIT ASSEMBLY NAME CARD CAGE ASSY, A, IFCU

FILE IDENT

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RECORD NUMBER	FROM			TO			W R E				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 FT	MULTI GROUP	CODE	COLOR											
63580		XA146	71									SPP	01			MTS					
63581		XA146	72									SPP	01			MTS					
63582		XA146	73									SPP	01			MTS					
63583		XA146	74									SPP	01			MTS					
63584		XA146	75									SPP	01			MTS					
63585		XA146	76									SPP	01			MTS					
63586		XA146	77									SPP	01			MTS					
63587		XA146	78									SPP	01			MTS					
63588		XA146	79									SPP	01			MTS					
63589		XA146	80									SPP	01			MTS					
63590		XA147	01									SPP	01								
60514		XA147	02									SPP	01								A01
63591		XA147	03									SPP	01								
63592		XA147	04									SPP	01								
63593		XA147	05									SPP	01								
63594		XA147	06									SPP	01								
63595		XA147	07									SPP	01								
63596		XA147	08									SPP	01								
63597		XA147	09									SPP	01								
63598		XA147	10									SPP	01								
63599		XA147	11									SPP	01								
60109		XA147	12									SPP	01								A01
63600		XA147	13									SPP	01								
63601		XA147	14									SPP	01								
63602		XA147	15									SPP	01								
60515		XA147	16									SPP	01								A01
63603		XA147	17									SPP	01								
63604		XA147	18									SPP	01								
63605		XA147	19									SPP	01								
63606		XA147	20									SPP	01								
63607		XA147	21									SPP	01								
63608		XA147	22									SPP	01								
63609		XA147	23									SPP	01								
63610		XA147	24									SPP	01								
63611		XA147	25									SPP	01								
63612		XA147	26									SPP	01								
63613		XA147	27									SPP	01								
60110		XA147	28									SPP	01								A01
63614		XA147	29									SPP	01								
63615		XA147	30									SPP	01								
63616		XA147	31									SPP	01								
60516		XA147	32									SPP	01								A01
63617		XA147	33									SPP	01								
63618		XA147	34									SPP	01								
63619		XA147	35									SPP	01								
63620		XA147	36									SPP	01								
63621		XA147	37									SPP	01								
63622		XA147	38									SPP	01								
CONNECTOR XA147 CONTINUED ON THE NEXT PAGE ****																					

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DATA SYSTEMS DIVISION
LITTON SYSTEMS INC.
LITTON INDUSTRIES

DRAWING NUMBER 149016-880

CONNECTOR UNIT ASSEMBLY NO. 149016

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XA147

UNIT ASSEMBLY NAME CARD CAGE ASSY, A, IFCU

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RECORD NUMBER	FROM				TO				WIRE				SIGNAL	SEQ NO	EQUATION	TERM	FACTOR	CKT OR CHIP TYPE	GROUP	LOAD OR POWER PLANE	TEST POINTS AND OR	SIGNAL DESCRIPTION	FCO NO		
	PREFIX	CONNECTOR	PIN	SH FE	PREFIX	CONNECTOR	PIN	SH FE	MULTI GROUP	CODE	COLOR	IDEN.												SPEC INET WIRE	
63623		XA147	39										SPP	01											
63624		XA147	40										SPP	01											
63625		XA147	41										SPP	01											
63626		XA147	42										SPP	01											
63627		XA147	43										SPP	01											
60517		XA147	44										SPP	01											
63628		XA147	45										SPP	01									A01		
63629		XA147	46										SPP	01											
63630		XA147	47										SPP	01											
63631		XA147	48										SPP	01											
63632		XA147	49										SPP	01											
63633		XA147	50										SPP	01											
63634		XA147	51										SPP	01											
63635		XA147	52										SPP	01											
63636		XA147	53										SPP	01											
63637		XA147	54										SPP	01											
63638		XA147	55										SPP	01											
63639		XA147	56										SPP	01											
63640		XA147	57										SPP	01											
60518		XA147	58										SPP	01									A01		
63641		XA147	59										SPP	01											
63642		XA147	60										SPP	01											
63643		XA147	61										SPP	01											
63644		XA147	62										SPP	01											
63645		XA147	63										SPP	01											
63646		XA147	64										SPP	01											
63647		XA147	65										SPP	01											
63648		XA147	66										SPP	01											
60519		XA147	67										SPP	01									A01		
63649		XA147	68										SPP	01											
63650		XA147	69										SPP	01											
63651		XA147	70										SPP	01											
63652		XA147	71										SPP	01											
63653		XA147	72										SPP	01											
63654		XA147	73										SPP	01											
63655		XA147	74										SPP	01											
63656		XA147	75										SPP	01											
63657		XA147	76										SPP	01											
63658		XA147	77										SPP	01											
63659		XA147	78										SPP	01											
63660		XA147	79										SPP	01											
63661		XA147	80										SPP	01											
63662		XA148	01										SPP	01				EXT					B04		
60520		XA148	02										SPP	01				EXT					B04		
63663		XA148	03										SPP	01				EXT					B04		
63664		XA148	04										SPP	01				EXT					B04		
63665		XA148	05										SPP	01				EXT					B04		
63666		XA148	06										SPP	01				EXT					B04		
CONNECTOR		XA148	CONTINUED ON THE NEXT PAGE ***																						

RECORD NUMBER	FROM			TO			WIRE			SIGNAL	SEQ NO	EQUATION	TERM	FACTOR	CMT OR CHP TYPE	GROUP	LOAD OR POWER PLANE	TEST POINTS AND OR	SIGNAL DESCRIPTION	ECO NO
	PREFIX	CONNECTOR	PIN	PREFIX	CONNECTOR	PIN	WIRE	MULTI GROUP	CODE											
63667		XA148	07																	B04
63668		XA148	08																	B04
63669		XA148	09																	B04
63670		XA148	10																	B04
63671		XA148	11																	B04
60111		XA148	12																	B04
63672		XA148	13																	B04
63673		XA148	14																	B04
63674		XA148	15		XA448	15			168	9										B04
60521		XA148	16		XA448	16			168	9										B04
63675		XA148	17		XA448	17			168	9										B04
63676		XA148	18		XA448	18			168	9										B04
63677		XA148	19		XA448	19			168	9										B04
63678		XA148	20		XA448	20			168	9										B04
63679		XA148	21		XA448	21			168	9										B04
63680		XA148	22		XA448	22			168	9										B04
63681		XA148	23		XA448	23			168	9										B04
63682		XA148	24		XA448	24			168	9										B04
63683		XA148	25		XA448	25			168	9										B04
63684		XA148	26		XA448	26			168	9										B04
63685		XA148	27																	B04
60112		XA148	28																	B04
63686		XA148	29																	B04
63687		XA148	30																	B04
63688		XA148	31																	B04
60522		XA148	32																	B04
63689		XA148	33																	B04
63690		XA148	34																	B04
63691		XA148	35																	B04
63692		XA148	36																	B04
63693		XA148	37																	B04
63694		XA148	38																	B04
63695		XA148	39																	B04
63696		XA148	40																	B04
63697		XA148	41		XA348	79			168	9										B04
63698		XA148	42		XA148	50			168	9										B04
63699		XA148	43																	B04
60523		XA148	44																	B04
63700		XA148	45																	B04
63701		XA148	46																	B04
63702		XA148	47																	B04
63703		XA148	48																	B04
63704		XA148	49		XA448	49			168	9										B04
63705		XA148	50		XA148	52			168	9										B04
63706		XA148	51		XA448	51			168	9										B04
63707		XA148	52		XA148	66			168	9										B04
63708		XA148	53																	B04
63709		XA148	54																	B04
63710		XA148	55																	B04
63711		XA148	56																	B04
CONNECTOR	XA148	CONTINUED ON THE NEXT PAGE ****																		

RECORD NUMBER	FROM			TO			WIRE				SIGNAL	SEQ 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	DATA	MULT GROUP	CODE	COLOR											
63712	XA148	57		XA543	80			188	9			KIFONA	01			EXT				B04	
63947	XA148	58		XA145	58			168	9			+5AXIFAG	08			EXT				B04	
63713	XA148	59										SPP	01			EXT				B04	
63714	XA148	60										SPP	01			EXT				B04	
63715	XA148	61		XA148	63			168	9			+5AUX	02			EXT				B04	
63716	XA148	62		XA148	64			168	9			+5AUXG	02			EXT				B04	
63717	XA148	63										+5AUX	03			EXT				B04	
63718	XA148	64										+5AUXG	03			EXT				B04	
63719	XA148	65										KCTFLT	02			EXT				B04	
63720	XA148	66		XA148	68			168	9			+5AXIFAG	05			EXT				B04	
63944	XA148	67		XA448	67			180	2			+5AXIFB	02			EXT				B04	
63721	XA148	68		XA148	70			168	9			+5AXIFAG	06			EXT				B04	
63722	XA148	69		XA148	67			168	9			+5AXIFB	01			EXT				B04	
63723	XA148	70		XA148	58			168	9			+5AXIFAG	07			EXT				B04	
63724	XA148	71										SPP	01			EXT				B04	
63725	XA148	72										SPP	01			EXT				B04	
63726	XA148	73										+5VMEM1	02			EXT				C04	
63727	XA148	74										+5VMEM1R	02			EXT				C04	
63728	XA148	75										+5VMEM2	02			EXT				C04	
63729	XA148	76										+5VMEM2R	02			EXT				C04	
63730	XA148	77										+5VMEM3	02			EXT				C04	
63731	XA148	78										+5VMEM3R	02			EXT				C04	
63732	XA148	79		XA448	79			168	9			WIFCON	02			EXT				B04	
63733	XA148	80										WIFCOG	02			EXT				B04	
42360	XA201	01										SPP	01								
40249	XA201	02										GND	01								
42361	XA201	03										SPP	01								
42362	XA201	04										SPP	01								
42363	XA201	05										SPP	01								
42364	XA201	06										SPP	01								
42365	XA201	07										SPP	01								
42366	XA201	08										SPP	01								
42367	XA201	09										SPP	01								
42368	XA201	10										SPP	01								
42369	XA201	11										SPP	01								
40033	XA201	12										+5V	01								
42370	XA201	13										SPP	01								
42371	XA201	14										SPP	01								
42372	XA201	15										SPP	01								
40250	XA201	16										GND	01								
42373	XA201	17										SPP	01								
42374	XA201	18										SPP	01								
42375	XA201	19										SPP	01								
42376	XA201	20										SPP	01								
42377	XA201	21										SPP	01								
42378	XA201	22										SPP	01								
42379	XA201	23										SPP	01								
42380	XA201	24										SPP	01								
CONNECTOR XA201 CONTINUED ON THE NEXT PAGE ****																					

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	PREFIX	CONNECTOR	PIN	USE	PREFIX	CONNECTOR	PIN	USE	MULTI GROUP	CODE	COLOR	IDENT											SPEC. WIRE
42381		XA201	25										SPP	01									
42382		XA201	26										SPP	01									
42383		XA201	27										SPP	01									
40034		XA201	28										+5V	01									
42384		XA201	29										SPP	01									
42385		XA201	30										SPP	01									
42386		XA201	31										SPP	01									
40251		XA201	32										GND	01									
42387		XA201	33										SPP	01									
42388		XA201	34										SPP	01									
42389		XA201	35										SPP	01									
42390		XA201	36										SPP	01									
42391		XA201	37										SPP	01									
42392		XA201	38										SPP	01									
42393		XA201	39										SPP	01									
42394		XA201	40										SPP	01									
42395		XA201	41										SPP	01									
42396		XA201	42										SPP	01									
42397		XA201	43										SPP	01									
40252		XA201	44										GND	01									
42398		XA201	45										SPP	01									
42399		XA201	46										SPP	01									
42400		XA201	47										SPP	01									
42401		XA201	48										SPP	01									
42402		XA201	49										SPP	01									
42403		XA201	50										SPP	01									
42404		XA201	51										SPP	01									
42405		XA201	52										SPP	01									
42406		XA201	53										SPP	01									
42407		XA201	54										SPP	01									
42408		XA201	55										SPP	01									
42409		XA201	56										SPP	01									
42410		XA201	57										SPP	01									
40253		XA201	58										GND	01									
42411		XA201	59										SPP	01									
42412		XA201	60										SPP	01									
42413		XA201	61										SPP	01									
42414		XA201	62										SPP	01									
42415		XA201	63										SPP	01									
42416		XA201	64										SPP	01									
42417		XA201	65										SPP	01									
42418		XA201	66										SPP	01									
40254		XA201	67										GND	01									
42419		XA201	68										SPP	01									
42420		XA201	69										SPP	01									
42421		XA201	70										SPP	01									
42422		XA201	71										SPP	01									
42423		XA201	72										SPP	01									
42424		XA201	73										SPP	01									
42425		XA201	74										SPP	01									
CONNECTOR XA201 CONTINUED ON THE NEXT PAGE ****																							

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	PREFIX	CONNECTOR	PIN	PIN	CONNECTOR	PIN	MULTI GROUP	CODE	COLOR	IDENT.	SPEC. MISC											
42426		XA201	75									SPP	01									
42427		XA201	76									SPP	01									
42428		XA201	77									SPP	01									
42429		XA201	78									SPP	01									
42430		XA201	79									SPP	01									
42431		XA201	80									SPP	01									
42432		XA202	01									SPP	01									
40255		XA202	02									GND	01									
42433		XA202	03									SPP	01									
42434		XA202	04									SPP	01									
42435		XA202	05									SPP	01									
42436		XA202	06									SPP	01									
42437		XA202	07									SPP	01									
42438		XA202	08									SPP	01									
42439		XA202	09									SPP	01									
42440		XA202	10									SPP	01									
42441		XA202	11									SPP	01									
40035		XA202	12									+5V	01									
42442		XA202	13									SPP	01									
42443		XA202	14									SPP	01									
42444		XA202	15									SPP	01									
40256		XA202	16									GND	01									
42445		XA202	17									SPP	01									
42446		XA202	18									SPP	01									
42447		XA202	19									SPP	01									
42448		XA202	20									SPP	01									
42449		XA202	21									SPP	01									
42450		XA202	22									SPP	01									
42451		XA202	23									SPP	01									
42452		XA202	24									SPP	01									
42453		XA202	25									SPP	01									
42454		XA202	26									SPP	01									
42455		XA202	27									SPP	01									
40036		XA202	28									+5V	01									
42456		XA202	29									SPP	01									
42457		XA202	30									SPP	01									
42458		XA202	31									SPP	01									
40257		XA202	32									GND	01									
42459		XA202	33									SPP	01									
42460		XA202	34									SPP	01									
42461		XA202	35									SPP	01									
42462		XA202	36									SPP	01									
42463		XA202	37									SPP	01									
42464		XA202	38									SPP	01									
42465		XA202	39									SPP	01									
42466		XA202	40									SPP	01									
42467		XA202	41									SPP	01									
42468		XA202	42									SPP	01									
CONNECTOR	XA202	CONTINUED ON THE NEXT PAGE ***																				

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RECORD NUMBER	FROM			TO			WIRE							SIGNAL	SEQ NO	EQUATION	TERM	FACTOR	CAT OR CHIP TYPE	GAMP	LOAD OR POWER PLANE	TEST POINTS AND OR	SIGNAL DESCRIPTION	FIG NO	
	PREFIX	CONNECTOR	PIN	PREFIX	CONNECTOR	PIN	TE	MA	MULTI GROUP	CODE	COLOR	IDENT	SPL INST. MISC												
42469		XA202	43										SPP	01											
40258		XA202	44										GND	01											
42470		XA202	45										SPP	01											
42471		XA202	46										SPP	01											
42472		XA202	47										SPP	01											
42473		XA202	48										SPP	01											
42474		XA202	49										SPP	01											
42475		XA202	50										SPP	01											
42476		XA202	51										SPP	01											
42477		XA202	52										SPP	01											
42478		XA202	53										SPP	01											
42479		XA202	54										SPP	01											
42480		XA202	55										SPP	01											
42481		XA202	56										SPP	01											
42482		XA202	57										SPP	01											
40259		XA202	58										GND	01											
42483		XA202	59										SPP	01											
42484		XA202	60										SPP	01											
42485		XA202	61										SPP	01											
42486		XA202	62										SPP	01											
42487		XA202	63										SPP	01											
42488		XA202	64										SPP	01											
42489		XA202	65										SPP	01											
42490		XA202	66										SPP	01											
40260		XA202	67										GND	01											
42491		XA202	68										SPP	01											
42492		XA202	69										SPP	01											
42493		XA202	70										SPP	01											
42494		XA202	71										SPP	01											
42495		XA202	72										SPP	01											
42496		XA202	73										SPP	01											
42497		XA202	74										SPP	01											
42498		XA202	75										SPP	01											
42499		XA202	76										SPP	01											
42500		XA202	77										SPP	01											
42501		XA202	78										SPP	01											
42502		XA202	79										SPP	01											
42503		XA202	80										SPP	01											
42504		XA203	01										SPP	01											
40261		XA203	02										GND	01											
42505		XA203	03										SPP	01											
42506		XA203	04										SPP	01											
42507		XA203	05										SPP	01											
42508		XA203	06										SPP	01											
42509		XA203	07										SPP	01											
42510		XA203	08										SPP	01											
42511		XA203	09										SPP	01											
42512		XA203	10										SPP	01											
	CONNECTOR	XA203	CONTINUED ON THE NEXT PAGE										***												

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RECORD NUMBER	FROM				TO				WIRE				SIGNAL	SEQ NO	EQUATION	TERM	FACTOR	CKT OR CHIP TYPE	GROUP	LOAD OR POWER PLANE	TEST POINTS AND OR	SIGNAL DESCRIPTION	ECO NO
	PREFIX	CONNECTOR	PIN	SPEC	PREFIX	CONNECTOR	PIN	SPEC	MULTI GROUP	CODE	COLOR	IDENT											
42513		XA203	11										SPP	01									
40037		XA203	12										+5V	01									
42514		XA203	13										SPP	01									
42515		XA203	14										SPP	01									
42516		XA203	15										SPP	01									
40262		XA203	16										GND	01									
42517		XA203	17										SPP	01									
42518		XA203	18										SPP	01									
42519		XA203	19										SPP	01									
42520		XA203	20										SPP	01									
42521		XA203	21										SPP	01									
42522		XA203	22										SPP	01									
42523		XA203	23										SPP	01									
42524		XA203	24										SPP	01									
42525		XA203	25										SPP	01									
42526		XA203	26										SPP	01									
42527		XA203	27										SPP	01									
40038		XA203	28										+5V	01									
42528		XA203	29										SPP	01									
42529		XA203	30										SPP	01									
42530		XA203	31										SPP	01									
40263		XA203	32										GND	01									
42531		XA203	33										SPP	01									
42532		XA203	34										SPP	01									
42533		XA203	35										SPP	01									
42534		XA203	36										SPP	01									
42535		XA203	37										SPP	01									
42536		XA203	38										SPP	01									
42537		XA203	39										SPP	01									
42538		XA203	40										SPP	01									
42539		XA203	41										SPP	01									
42540		XA203	42										SPP	01									
42541		XA203	43										SPP	01									
40264		XA203	44										GND	01									
42542		XA203	45										SPP	01									
42543		XA203	46										SPP	01									
42544		XA203	47										SPP	01									
42545		XA203	48										SPP	01									
42546		XA203	49										SPP	01									
42547		XA203	50										SPP	01									
42548		XA203	51										SPP	01									
42549		XA203	52										SPP	01									
42550		XA203	53										SPP	01									
42551		XA203	54										SPP	01									
42552		XA203	55										SPP	01									
42553		XA203	56										SPP	01									
42554		XA203	57										SPP	01									
40265		XA203	58										GND	01									
42555		XA203	59										SPP	01									
42556		XA203	60										SPP	01									
CONNECTOR	XA203	CONTINUED ON THE NEXT PAGE ****																					

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	PREFIX	CONNECTOR	PIN	PREFIX	CONNECTOR	PIN	MULTI GROUP	CODE	COLOR	IDENT											
42557		XA203	61								SPP	01									
42558		XA203	62								SPP	01									
42559		XA203	63								SPP	01									
42560		XA203	64								SPP	01									
42561		XA203	65								SPP	01									
42562		XA203	66								SPP	01									
40266		XA203	67								GND	01									
42563		XA203	68								SPP	01									
42564		XA203	69								SPP	01									
42565		XA203	70								SPP	01									
42566		XA203	71								SPP	01									
42567		XA203	72								SPP	01									
42568		XA203	73								SPP	01									
42569		XA203	74								SPP	01									
42570		XA203	75								SPP	01									
42571		XA203	76								SPP	01									
42572		XA203	77								SPP	01									
42573		XA203	78								SPP	01									
42574		XA203	79								SPP	01									
42575		XA203	80								SPP	01									
42576		XA204	01								SPP	01									
40267		XA204	02								GND	01									
42577		XA204	03								SPP	01									
42578		XA204	04								SPP	01									
42579		XA204	05								SPP	01									
42580		XA204	06								SPP	01									
42581		XA204	07								SPP	01									
42582		XA204	08								SPP	01									
42583		XA204	09								SPP	01									
42584		XA204	10								SPP	01									
42585		XA204	11								SPP	01									
40039		XA204	12								+5V	01									
42586		XA204	13								SPP	01									
42587		XA204	14								SPP	01									
42588		XA204	15								SPP	01									
40268		XA204	16								GND	01									
42589		XA204	17								SPP	01									
42590		XA204	18								SPP	01									
42591		XA204	19								SPP	01									
42592		XA204	20								SPP	01									
42593		XA204	21								SPP	01									
42594		XA204	22								SPP	01									
42595		XA204	23								SPP	01									
42596		XA204	24								SPP	01									
42597		XA204	25								SPP	01									
42598		XA204	26								SPP	01									
42599		XA204	27								SPP	01									
40040		XA204	28								+5V	01									
CONNECTOR XA204 CONTINUED ON THE NEXT PAGE ****																					

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	PREFIX	CONNECTOR	PIN	PREFIX	CONNECTOR	PIN	SH FT	MULTI GROUP	CODE	COLOR	IDEN.											
42600		XA204	29									SPP	01									
42601		XA204	30									SPP	01									
42602		XA204	31									SPP	01									
40269		XA204	32									GND	01									
42603		XA204	33									SPP	01									
42604		XA204	34									SPP	01									
42605		XA204	35									SPP	01									
42606		XA204	36									SPP	01									
42607		XA204	37									SPP	01									
42608		XA204	38									SPP	01									
42609		XA204	39									SPP	01									
42610		XA204	40									SPP	01									
42611		XA204	41									SPP	01									
42612		XA204	42									SPP	01									
42613		XA204	43									SPP	01									
40270		XA204	44									GND	01									
42614		XA204	45									SPP	01									
42615		XA204	46									SPP	01									
42616		XA204	47									SPP	01									
42617		XA204	48									SPP	01									
42618		XA204	49									SPP	01									
42619		XA204	50									SPP	01									
42620		XA204	51									SPP	01									
42621		XA204	52									SPP	01									
42622		XA204	53									SPP	01									
42623		XA204	54									SPP	01									
42624		XA204	55									SPP	01									
42625		XA204	56									SPP	01									
42626		XA204	57									SPP	01									
40271		XA204	58									GND	01									
42627		XA204	59									SPP	01									
42628		XA204	60									SPP	01									
42629		XA204	61									SPP	01									
42630		XA204	62									SPP	01									
42631		XA204	63									SPP	01									
42632		XA204	64									SPP	01									
42633		XA204	65									SPP	01									
42634		XA204	66									SPP	01									
40272		XA204	67									GND	01									
42635		XA204	68									SPP	01									
42636		XA204	69									SPP	01									
42637		XA204	70									SPP	01									
42638		XA204	71									SPP	01									
42639		XA204	72									SPP	01									
42640		XA204	73									SPP	01									
42641		XA204	74									SPP	01									
42642		XA204	75									SPP	01									
42643		XA204	76									SPP	01									
42644		XA204	77									SPP	01									
42645		XA204	78									SPP	01									
CONNECTOR (XA204) CONTINUED ON THE NEXT PAGE ****																						

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DATA SYSTEMS DIVISION
LITTON SYSTEMS INC.
LITTON INDUSTRIES

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XA204

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RECORD NUMBER	FROM			TO			WIRE					SIGNAL	SEQ NO	EQUATION	TERMS	FACTOR	CKT OR CHIP TYPE	GROUP	LOAD OR POWER PLANE	TEST POINTS AND OR	SIGNAL DESCRIPTION	ECO NO
	PREFIX	CONNECTOR	PIN	PREFIX	CONNECTOR	PIN	WIRE	MULTI GROUP	CODE	COLOR	IDENT											
42646		XA204	79									SPP	01									
42647		XA204	80									SPP	01									
42648		XA205	01									SPP	01									
40273		XA205	02									GND	01									
42649		XA205	03									SPP	01									
42650		XA205	04									SPP	01									
42651		XA205	05									SPP	01									
42652		XA205	06									SPP	01									
42653		XA205	07									SPP	01									
42654		XA205	08									SPP	01									
42655		XA205	09									SPP	01									
42656		XA205	10									SPP	01									
42657		XA205	11									SPP	01									
40041		XA205	12									+5V	01									
42658		XA205	13									SPP	01									
42659		XA205	14									SPP	01									
42660		XA205	15									SPP	01									
40274		XA205	16									GND	01									
42661		XA205	17									SPP	01									
42662		XA205	18									SPP	01									
42663		XA205	19									SPP	01									
42664		XA205	20									SPP	01									
42665		XA205	21									SPP	01									
42666		XA205	22									SPP	01									
42667		XA205	23									SPP	01									
42668		XA205	24									SPP	01									
42669		XA205	25									SPP	01									
42670		XA205	26									SPP	01									
42671		XA205	27									SPP	01									
40042		XA205	28									+5V	01									
42672		XA205	29									SPP	01									
42673		XA205	30									SPP	01									
42674		XA205	31									SPP	01									
40275		XA205	32									GND	01									
42675		XA205	33									SPP	01									
42676		XA205	34									SPP	01									
42677		XA205	35									SPP	01									
42678		XA205	36									SPP	01									
42679		XA205	37									SPP	01									
42680		XA205	38									SPP	01									
42681		XA205	39									SPP	01									
42682		XA205	40									SPP	01									
42683		XA205	41									SPP	01									
42684		XA205	42									SPP	01									
42685		XA205	43									SPP	01									
40276		XA205	44									GND	01									
42686		XA205	45									SPP	01									
42687		XA205	46									SPP	01									
CONNECTOR XA205 CONTINUED ON THE NEXT PAGE ***																						

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DATA SYSTEMS DIVISION
LITTON SYSTEMS INC.
LITTON INDUSTRIES

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XA205

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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	SIZE	MULTI GROUP	CODE	COLOR									IDENT	LAND		
42688		XA205	47									SPP	01									
42689		XA205	48									SPP	01									
42690		XA205	49									SPP	01									
42691		XA205	50									SPP	01									
42692		XA205	51									SPP	01									
42693		XA205	52									SPP	01									
42694		XA205	53									SPP	01									
42695		XA205	54									SPP	01									
42696		XA205	55									SPP	01									
42697		XA205	56									SPP	01									
42698		XA205	57									SPP	01									
40277		XA205	58									GND	01									
42699		XA205	59									SPP	01									
42700		XA205	60									SPP	01									
42701		XA205	61									SPP	01									
42702		XA205	62									SPP	01									
42703		XA205	63									SPP	01									
42704		XA205	64									SPP	01									
42705		XA205	65									SPP	01									
42706		XA205	66									SPP	01									
40278		XA205	67									GND	01									
42707		XA205	68									SPP	01									
42708		XA205	69									SPP	01									
42709		XA205	70									SPP	01									
42710		XA205	71									SPP	01									
42711		XA205	72									SPP	01									
42712		XA205	73									SPP	01									
42713		XA205	74									SPP	01									
42714		XA205	75									SPP	01									
42715		XA205	76									SPP	01									
42716		XA205	77									SPP	01									
42717		XA205	78									SPP	01									
42718		XA205	79									SPP	01									
42719		XA205	80									SPP	01									
42720		XA206	01									SPP	01									
40279		XA206	02									GND	01									
42721		XA206	03									SPP	01									
42722		XA206	04									SPP	01									
42723		XA206	05									SPP	01									
42724		XA206	06									SPP	01									
42725		XA206	07									SPP	01									
42726		XA206	08									SPP	01									
42727		XA206	09									SPP	01									
42728		XA206	10									SPP	01									
42729		XA206	11									SPP	01									
40043		XA206	12									+5V	01									
42730		XA206	13									SPP	01									
42731		XA206	14									SPP	01									
CONNECTOR		XA206	CONTINUED ON THE NEXT PAGE ****																			

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DATA SYSTEMS DIVISION
LITTON SYSTEMS INC.
LITTON INDUSTRIES

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XA206

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A RECORD NUMBER	FROM			TO				WIRE				SIGNAL	SEQ 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 WIRE											
42732		XA206	15									SPP	01									
40280		XA206	16									GND	01									
42733		XA206	17									SPP	01									
42734		XA206	18									SPP	01									
42735		XA206	19									SPP	01									
42736		XA206	20									SPP	01									
42737		XA206	21									SPP	01									
42738		XA206	22									SPP	01									
42739		XA206	23									SPP	01									
42740		XA206	24									SPP	01									
42741		XA206	25									SPP	01									
42742		XA206	26									SPP	01									
42743		XA206	27									SPP	01									
40044		XA206	28									+5V	01									
42744		XA206	29									SPP	01									
42745		XA206	30									SPP	01									
42746		XA206	31									SPP	01									
40281		XA206	32									GND	01									
42747		XA206	33									SPP	01									
42748		XA206	34									SPP	01									
42749		XA206	35									SPP	01									
42750		XA206	36									SPP	01									
42751		XA206	37									SPP	01									
42752		XA206	38									SPP	01									
42753		XA206	39									SPP	01									
42754		XA206	40									SPP	01									
42755		XA206	41									SPP	01									
42756		XA206	42									SPP	01									
42757		XA206	43									SPP	01									
40282		XA206	44									GND	01									
42758		XA206	45									SPP	01									
42759		XA206	46									SPP	01									
42760		XA206	47									SPP	01									
42761		XA206	48									SPP	01									
42762		XA206	49									SPP	01									
42763		XA206	50									SPP	01									
42764		XA206	51									SPP	01									
42765		XA206	52									SPP	01									
42766		XA206	53									SPP	01									
42767		XA206	54									SPP	01									
42768		XA206	55									SPP	01									
42769		XA206	56									SPP	01									
42770		XA206	57									SPP	01									
40283		XA206	58									GND	01									
42771		XA206	59									SPP	01									
42772		XA206	60									SPP	01									
42773		XA206	61									SPP	01									
42774		XA206	62									SPP	01									
42775		XA206	63									SPP	01									
42776		XA206	64									SPP	01									
CONNECTOR	XA206	CONTINUED ON THE NEXT PAGE ****																				

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LITTON SYSTEMS INC.
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XA206

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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	BK TO	MULTI GROUP	CODE	COLOR									IDEN.	SPC INST MISC		
42777		XA206	65									SPP	01									
42778		XA206	66									SPP	01									
40284		XA206	67									GND	01									
42779		XA206	68									SPP	01									
42780		XA206	69									SPP	01									
42781		XA206	70									SPP	01									
42782		XA206	71									SPP	01									
42783		XA206	72									SPP	01									
42784		XA206	73									SPP	01									
42785		XA206	74									SPP	01									
42786		XA206	75									SPP	01									
42787		XA206	76									SPP	01									
42788		XA206	77									SPP	01									
42789		XA206	78									SPP	01									
42790		XA206	79									SPP	01									
42791		XA206	80									SPP	01									
42792		XA207	01									SPP	01									
40285		XA207	02									GND	01									
42793		XA207	03									SPP	01									
42794		XA207	04									SPP	01									
42795		XA207	05									SPP	01									
42796		XA207	06									SPP	01									
42797		XA207	07									SPP	01									
42798		XA207	08									SPP	01									
42799		XA207	09									SPP	01									
42800		XA207	10									SPP	01									
42801		XA207	11									SPP	01									
40045		XA207	12									+5V	01									
42802		XA207	13									SPP	01									
42803		XA207	14									SPP	01									
42804		XA207	15									SPP	01									
40286		XA207	16									GND	01									
42805		XA207	17									SPP	01									
42606		XA207	18									SPP	01									
42807		XA207	19									SPP	01									
42808		XA207	20									SPP	01									
42809		XA207	21									SPP	01									
42810		XA207	22									SPP	01									
42811		XA207	23									SPP	01									
42812		XA207	24									SPP	01									
42813		XA207	25									SPP	01									
42814		XA207	26									SPP	01									
42815		XA207	27									SPP	01									
40046		XA207	28									+5V	01									
42816		XA207	29									SPP	01									
42817		XA207	30									SPP	01									
42818		XA207	31									SPP	01									
40287		XA207	32									GND	01									
CONNECTOR	XA207	CONTINUED ON THE NEXT PAGE ***																				

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RECORD NUMBER	FROM				TO				WIRE				SIGNAL	SEQ NO	EQUATION	TERM	FACTOR	CKT OR CHIP TYPE	GROUP	LOAD OR POWER PLANE	TEST POINTS AND OR	SIGNAL DESCRIPTION	ECO NO
	PREFIX	CONNECTOR	PIN	BY TO	PREFIX	CONNECTOR	PIN	BY TO	MULTI GROUP	CODE	COLOR	IDENT											
42819		XA207	33										SPP	01									
42820		XA207	34										SPP	01									
42821		XA207	35										SPP	01									
42822		XA207	36										SPP	01									
42823		XA207	37										SPP	01									
42824		XA207	38										SPP	01									
42825		XA207	39										SPP	01									
42826		XA207	40										SPP	01									
42827		XA207	41										SPP	01									
42828		XA207	42										SPP	01									
42829		XA207	43										SPP	01									
40288		XA207	44										GND	01									
42830		XA207	45										SPP	01									
42831		XA207	46										SPP	01									
42832		XA207	47										SPP	01									
42833		XA207	48										SPP	01									
42834		XA207	49										SPP	01									
42835		XA207	50										SPP	01									
42836		XA207	51										SPP	01									
42837		XA207	52										SPP	01									
42838		XA207	53										SPP	01									
42839		XA207	54										SPP	01									
42840		XA207	55										SPP	01									
42841		XA207	56										SPP	01									
42842		XA207	57										SPP	01									
40289		XA207	58										GND	01									
42843		XA207	59										SPP	01									
42844		XA207	60										SPP	01									
42845		XA207	61										SPP	01									
42846		XA207	62										SPP	01									
42847		XA207	63										SPP	01									
42848		XA207	64										SPP	01									
42849		XA207	65										SPP	01									
42850		XA207	66										SPP	01									
40290		XA207	67										GND	01									
42851		XA207	68										SPP	01									
42852		XA207	69										SPP	01									
42853		XA207	70										SPP	01									
42854		XA207	71										SPP	01									
42855		XA207	72										SPP	01									
42856		XA207	73										SPP	01									
42857		XA207	74										SPP	01									
42858		XA207	75										SPP	01									
42859		XA207	76										SPP	01									
42860		XA207	77										SPP	01									
42861		XA207	78										SPP	01									
42862		XA207	79										SPP	01									
42863		XA207	80										SPP	01									

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XA208

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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	WIRE NO	MULTI GROUP	CODE	COLOR											
42864		XA208	01									SPP	01								
40291		XA208	02									GND	01								
42865		XA208	03									SPP	01								
42866		XA208	04									SPP	01								
42867		XA208	05									SPP	01								
42868		XA208	06									SPP	01								
42869		XA208	07									SPP	01								
42870		XA208	08									SPP	01								
42871		XA208	09									SPP	01								
42872		XA208	10									SPP	01								
42873		XA208	11									SPP	01								
40047		XA208	12									+5V	01								
42874		XA208	13									SPP	01								
42875		XA208	14									SPP	01								
42876		XA208	15									SPP	01								
40292		XA208	16									GND	01								
42877		XA208	17									SPP	01								
42878		XA208	18									SPP	01								
42879		XA208	19									SPP	01								
42880		XA208	20									SPP	01								
42881		XA208	21									SPP	01								
42882		XA208	22									SPP	01								
42883		XA208	23									SPP	01								
42884		XA208	24									SPP	01								
42885		XA208	25									SPP	01								
42886		XA208	26									SPP	01								
42887		XA208	27									SPP	01								
40048		XA208	28									+5V	01								
42888		XA208	29									SPP	01								
42889		XA208	30									SPP	01								
42890		XA208	31									SPP	01								
40293		XA208	32									GND	01								
42891		XA208	33									SPP	01								
42892		XA208	34									SPP	01								
42893		XA208	35									SPP	01								
42894		XA208	36									SPP	01								
42895		XA208	37									SPP	01								
42896		XA208	38									SPP	01								
42897		XA208	39									SPP	01								
42898		XA208	40									SPP	01								
42899		XA208	41									SPP	01								
42900		XA208	42									SPP	01								
42901		XA208	43									SPP	01								
40294		XA208	44									GND	01								
42902		XA208	45									SPP	01								
42903		XA208	46									SPP	01								
42904		XA208	47									SPP	01								
42905		XA208	48									SPP	01								
42906		XA208	49									SPP	01								
42907		XA208	50									SPP	01								
CONNECTOR (XA208) CONTINUED ON THE NEXT PAGE ****																					

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XA208

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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	SHG	PREFIX	CONNECTOR	PIN	TO X	MULTI GROUP	CODE	COLOR	IDENT												SPEC. INST. WIRE
42908		XA208	51										SPP	01										
42909		XA208	52										SPP	01										
42910		XA208	53										SPP	01										
42911		XA208	54										SPP	01										
42912		XA208	55										SPP	01										
42913		XA208	56										SPP	01										
42914		XA208	57										SPP	01										
40295		XA208	58										GND	01										
42915		XA208	59										SPP	01										
42916		XA208	60										SPP	01										
42917		XA208	61										SPP	01										
42918		XA208	62										SPP	01										
42919		XA208	63										SPP	01										
42920		XA208	64										SPP	01										
42921		XA208	65										SPP	01										
42922		XA208	66										SPP	01										
40296		XA208	67										GND	01										
42923		XA208	68										SPP	01										
42924		XA208	69										SPP	01										
42925		XA208	70										SPP	01										
42926		XA208	71										SPP	01										
42927		XA208	72										SPP	01										
42928		XA208	73										SPP	01										
42929		XA208	74										SPP	01										
42930		XA208	75										SPP	01										
42931		XA208	76										SPP	01										
42932		XA208	77										SPP	01										
42933		XA208	78										SPP	01										
42934		XA208	79										SPP	01										
42935		XA208	80										SPP	01										
42936		XA209	01										SPP	01										
40297		XA209	02										GND	01										
42937		XA209	03										SPP	01										
42938		XA209	04										SPP	01										
42939		XA209	05										SPP	01										
42940		XA209	06										SPP	01										
42941		XA209	07										SPP	01										
42942		XA209	08										SPP	01										
42943		XA209	09										SPP	01										
42944		XA209	10										SPP	01										
42945		XA209	11										SPP	01										
40049		XA209	12										+5V	01										
42946		XA209	13										SPP	01										
42947		XA209	14										SPP	01										
42948		XA209	15										SPP	01										
40298		XA209	16										GND	01										
42949		XA209	17										SPP	01										
42950		XA209	18										SPP	01										
CONNECTOR		XA209	CONTINUED ON THE NEXT PAGE ***																					

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DATA SYSTEMS DIVISION
LITTON SYSTEMS INC.
LITTON INDUSTRIES

DRAWING NUMBER 149016-880

CONNECTOR

UNIT ASSEMBLY NO. 149016

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XA209

UNIT ASSEMBLY NAME CARD CAGE ASSY, A, IFCU

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RECORD NUMBER	FROM			TO								SIGNAL	SEQ NO	EQUATION	TERM	FACTOR	CKT OR CHIP TYPE	GROUP	LOAD OR POWER PLANE	TEST POINTS AND OR	SIGNAL DESCRIPTION	FCO NO
	PREFIX	CONNECTOR	PIN	PREFIX	CONNECTOR	PIN	SH FT	MULTI GROUP	CODE	COLOR	IDENT											
42951		XA209	19										SPP	01								
42952		XA209	20										SPP	01								
42953		XA209	21										SPP	01								
42954		XA209	22										SPP	01								
42955		XA209	23										SPP	01								
42956		XA209	24										SPP	01								
42957		XA209	25										SPP	01								
42958		XA209	26										SPP	01								
42959		XA209	27										SPP	01								
40050		XA209	28										+5V	01								
42960		XA209	29										SPP	01								
42961		XA209	30										SPP	01								
42962		XA209	31										SPP	01								
40299		XA209	32										GND	01								
42963		XA209	33										SPP	01								
42964		XA209	34										SPP	01								
42965		XA209	35										SPP	01								
42966		XA209	36										SPP	01								
42967		XA209	37										SPP	01								
42968		XA209	38										SPP	01								
42969		XA209	39										SPP	01								
42970		XA209	40										SPP	01								
42971		XA209	41										SPP	01								
42972		XA209	42										SPP	01								
42973		XA209	43										SPP	01								
40300		XA209	44										GND	01								
42974		XA209	45										SPP	01								
42975		XA209	46										SPP	01								
42976		XA209	47										SPP	01								
42977		XA209	48										SPP	01								
42978		XA209	49										SPP	01								
42979		XA209	50										SPP	01								
42980		XA209	51										SPP	01								
42981		XA209	52										SPP	01								
42982		XA209	53										SPP	01								
42983		XA209	54										SPP	01								
42984		XA209	55										SPP	01								
42985		XA209	56										SPP	01								
42986		XA209	57										SPP	01								
40301		XA209	58										GND	01								
42987		XA209	59										SPP	01								
42988		XA209	60										SPP	01								
42989		XA209	61										SPP	01								
42990		XA209	62										SPP	01								
42991		XA209	63										SPP	01								
42992		XA209	64										SPP	01								
42993		XA209	65										SPP	01								
42994		XA209	66										SPP	01								
40302		XA209	67										GND	01								
42995		XA209	68										SPP	01								
CONNECTOR	XA209	CONTINUED ON THE NEXT PAGE ****																				

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DATA SYSTEMS DIVISION
LITTON SYSTEMS INC.
LITTON INDUSTRIES

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UNIT ASSEMBLY NO. 149016

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XA209

UNIT ASSEMBLY NAME CARD CAGE ASSY, A, IFCU

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RECORD NUMBER	FROM			TO			WIRE					SIGNAL	SEQ NO	EQUATION	TERM	FACTOR	CMT OR CHIP TYPE	GROUP	LOAD OR POWER PLANE	TEST POINTS AND OR	SIGNAL DESCRIPTION	ECO NO
	PREFIX	CONNECTOR	PIN	PREFIX	CONNECTOR	PIN	SIZE	MULTI GROUP	CODE	COLOR	IDENT											
42996		XA209	69									SPP	01									
42997		XA209	70									SPP	01									
42998		XA209	71									SPP	01									
42999		XA209	72									SPP	01									
43000		XA209	73									SPP	01									
43001		XA209	74									SPP	01									
43002		XA209	75									SPP	01									
43003		XA209	76									SPP	01									
43004		XA209	77									SPP	01									
43005		XA209	78									SPP	01									
43006		XA209	79									SPP	01									
43007		XA209	80									SPP	01									
43008		XA210	01									SPP	01									
40303		XA210	02									GND	01									
43009		XA210	03									SPP	01									
43010		XA210	04									SPP	01									
43011		XA210	05									SPP	01									
43012		XA210	06									SPP	01									
43013		XA210	07									SPP	01									
43014		XA210	08									SPP	01									
43015		XA210	09									SPP	01									
43016		XA210	10									SPP	01									
43017		XA210	11									SPP	01									
40051		XA210	12									+5V	01									
43018		XA210	13									SPP	01									
43019		XA210	14									SPP	01									
43020		XA210	15									SPP	01									
40304		XA210	16									GND	01									
43021		XA210	17									SPP	01									
43022		XA210	18									SPP	01									
43023		XA210	19									SPP	01									
43024		XA210	20									SPP	01									
43025		XA210	21									SPP	01									
43026		XA210	22									SPP	01									
43027		XA210	23									SPP	01									
43028		XA210	24									SPP	01									
43029		XA210	25									SPP	01									
43030		XA210	26									SPP	01									
43031		XA210	27									SPP	01									
40052		XA210	28									+5V	01									
43032		XA210	29									SPP	01									
43033		XA210	30									SPP	01									
43034		XA210	31									SPP	01									
40305		XA210	32									GND	01									
43035		XA210	33									SPP	01									
43036		XA210	34									SPP	01									
43037		XA210	35									SPP	01									
43038		XA210	36									SPP	01									
		CONNECTOR XA210	CONTINUED ON THE NEXT PAGE ***																			

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DATA SYSTEMS DIVISION
LITTON SYSTEMS INC.
LITTON INDUSTRIES

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CONNECTOR UNIT ASSEMBLY NO. 149016
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RECORD NUMBER	FROM			TO			WIRE						SIGNAL	SEQ NO	EQUATION	TERM	FACTOR	CKT OR CHIP TYPE	GROUP	LOAD OR POWER PLANE	TEST POINTS AND/OR	SIGNAL DESCRIPTION	ECO NO	
	PREFIX	CONNECTOR	PIN	PREFIX	CONNECTOR	PIN	FILE	MULTI GROUP	CODE	COLOR	IDENT	SPEC. INST.												
43039		XA210	37										SPP	01										
43040		XA210	38										SPP	01										
43041		XA210	39										SPP	01										
43042		XA210	40										SPP	01										
43043		XA210	41										SPP	01										
43044		XA210	42										SPP	01										
43045		XA210	43										SPP	01										
40306		XA210	44										GND	01										
43046		XA210	45										SPP	01										
43047		XA210	46										SPP	01										
43048		XA210	47										SPP	01										
43049		XA210	48										SPP	01										
43050		XA210	49										SPP	01										
43051		XA210	50										SPP	01										
43052		XA210	51										SPP	01										
43053		XA210	52										SPP	01										
43054		XA210	53										SPP	01										
43055		XA210	54										SPP	01										
43056		XA210	55										SPP	01										
43057		XA210	56										SPP	01										
43058		XA210	57										SPP	01										
40307		XA210	58										GND	01										
43059		XA210	59										SPP	01										
43060		XA210	60										SPP	01										
43061		XA210	61										SPP	01										
43062		XA210	62										SPP	01										
43063		XA210	63										SPP	01										
43064		XA210	64										SPP	01										
43065		XA210	65										SPP	01										
43066		XA210	66										SPP	01										
40308		XA210	67										GND	01										
43067		XA210	68										SPP	01										
43068		XA210	69										SPP	01										
43069		XA210	70										SPP	01										
43070		XA210	71										SPP	01										
43071		XA210	72										SPP	01										
43072		XA210	73										SPP	01										
43073		XA210	74										SPP	01										
43074		XA210	75										SPP	01										
43075		XA210	76										SPP	01										
43076		XA210	77										SPP	01										
43077		XA210	78										SPP	01										
43078		XA210	79										SPP	01										
43079		XA210	80										SPP	01										
43080		XA211	01										SPP	01										
40309		XA211	02										GND	01										
43081		XA211	03										SPP	01										
43082		XA211	04										SPP	01										
CONNECTOR XA211 CONTINUED ON THE NEXT PAGE *****																								

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LITTON SYSTEMS INC.
LITTON INDUSTRIES

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XA211

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RECORD NUMBER	FROM				TO				WIRE				SIGNAL	SEQ NO	EQUATION	TERM	FACTOR	CXT OR CHIP TYPE	GROUP	LOAD OR POWER PLANE	TEST POINTS		SIGNAL DESCRIPTION	ECO NO
	PREFIX	CONNECTOR	PIN	PIN	PREFIX	CONNECTOR	PIN	PIN	MULTI GROUP	CODE	COLOR	IDENT									SPEC INST. NESC	AND		
43083		XA211	05										SPP	01										
43084		XA211	06										SPP	01										
43085		XA211	07										SPP	01										
43086		XA211	08										SPP	01										
43087		XA211	09										SPP	01										
43088		XA211	10										SPP	01										
43089		XA211	11										SPP	01										
40053		XA211	12										+5V	01										
43090		XA211	13										SPP	01										
43091		XA211	14										SPP	01										
43092		XA211	15										SPP	01										
40310		XA211	16										GND	01										
43093		XA211	17										SPP	01										
43094		XA211	18										SPP	01										
43095		XA211	19										SPP	01										
43096		XA211	20										SPP	01										
43097		XA211	21										SPP	01										
43098		XA211	22										SPP	01										
43099		XA211	23										SPP	01										
43100		XA211	24										SPP	01										
43101		XA211	25										SPP	01										
43102		XA211	26										SPP	01										
43103		XA211	27										SPP	01										
40054		XA211	28										+5V	01										
43104		XA211	29										SPP	01										
43105		XA211	30										SPP	01										
43106		XA211	31										SPP	01										
40311		XA211	32										GND	01										
43107		XA211	33										SPP	01										
43108		XA211	34										SPP	01										
43109		XA211	35										SPP	01										
43110		XA211	36										SPP	01										
43111		XA211	37										SPP	01										
43112		XA211	38										SPP	01										
43113		XA211	39										SPP	01										
43114		XA211	40										SPP	01										
43115		XA211	41										SPP	01										
43116		XA211	42										SPP	01										
43117		XA211	43										SPP	01										
40312		XA211	44										GND	01										
43118		XA211	45										SPP	01										
43119		XA211	46										SPP	01										
43120		XA211	47										SPP	01										
43121		XA211	48										SPP	01										
43122		XA211	49										SPP	01										
43123		XA211	50										SPP	01										
43124		XA211	51										SPP	01										
43125		XA211	52										SPP	01										
43126		XA211	53										SPP	01										
43127		XA211	54										SPP	01										
CONNECTOR		XA211	CONTINUED ON THE NEXT PAGE ****																					

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XA211

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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		SIGNAL DESCRIPTION	ECO NO
	PREFIX	CONNECTOR	PIN	PREFIX	CONNECTOR	PIN	SH TO	MULTI GROUP	CODE	COLOR										IDEN.	AND		
43128		XA211	55									SPP	01										
43129		XA211	56									SPP	01										
43130		XA211	57									SPP	01										
40313		XA211	58									GND	01										
43131		XA211	59									SPP	01										
43132		XA211	60									SPP	01										
43133		XA211	61									SPP	01										
43134		XA211	62									SPP	01										
43135		XA211	63									SPP	01										
43136		XA211	64									SPP	01										
43137		XA211	65									SPP	01										
43138		XA211	66									SPP	01										
40314		XA211	67									GND	01										
43139		XA211	68									SPP	01										
43140		XA211	69									SPP	01										
43141		XA211	70									SPP	01										
43142		XA211	71									SPP	01										
43143		XA211	72									SPP	01										
43144		XA211	73									SPP	01										
43145		XA211	74									SPP	01										
43146		XA211	75									SPP	01										
43147		XA211	76									SPP	01										
43148		XA211	77									SPP	01										
43149		XA211	78									SPP	01										
43150		XA211	79									SPP	01										
43151		XA211	80									SPP	01										
43152		XA212	01									SPP	01										
40315		XA212	02									GND	01										
43153		XA212	03									SPP	01										
43154		XA212	04									SPP	01										
43155		XA212	05									SPP	01										
43156		XA212	06									SPP	01										
43157		XA212	07									SPP	01										
43158		XA212	08									SPP	01										
43159		XA212	09									SPP	01										
43160		XA212	10									SPP	01										
43161		XA212	11									SPP	01										
40055		XA212	12									+5V	01										
43162		XA212	13									SPP	01										
43163		XA212	14									SPP	01										
43164		XA212	15									SPP	01										
40316		XA212	16									GND	01										
43165		XA212	17									SPP	01										
43166		XA212	18									SPP	01										
43167		XA212	19									SPP	01										
43168		XA212	20									SPP	01										
43169		XA212	21									SPP	01										
43170		XA212	22									SPP	01										
CONNECTOR		XA212	CONTINUED ON THE NEXT PAGE ****																				

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DATA SYSTEMS DIVISION
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LITTON INDUSTRIES

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XA212

UNIT ASSEMBLY NAME CARD CAGE ASSY, A, IFCU

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RECORD NUMBER	FROM				TO				WIRE				SIGNAL	SEQ NO	EQUATION	TERM	FACTOR	CKT OR CHIP TYPE	GASP	LOAD OF POWER PLANE	TEST POINTS AND/OR	SIGNAL DESCRIPTION	ECO NO	
	PREFIX	CONNECTOR	PIN	TYPE	PREFIX	CONNECTOR	PIN	TYPE	MULTI GROUP	CODE	COLOR	IDENT												SPEC INST. WIRE
43171		XA212	23										SPP	01										
43172		XA212	24										SPP	01										
43173		XA212	25										SPP	01										
43174		XA212	26										SPP	01										
43175		XA212	27										SPP	01										
40056		XA212	28										+5V	01										
43176		XA212	29										SPP	01										
43177		XA212	30										SPP	01										
43178		XA212	31										SPP	01										
40317		XA212	32										GND	01										
43179		XA212	33										SPP	01										
43180		XA212	34										SPP	01										
43181		XA212	35										SPP	01										
43182		XA212	36										SPP	01										
43183		XA212	37										SPP	01										
43184		XA212	38										SPP	01										
43185		XA212	39										SPP	01										
43186		XA212	40										SPP	01										
43187		XA212	41										SPP	01										
43188		XA212	42										SPP	01										
43189		XA212	43										SPP	01										
40318		XA212	44										GND	01										
43190		XA212	45										SPP	01										
43191		XA212	46										SPP	01										
43192		XA212	47										SPP	01										
43193		XA212	48										SPP	01										
43194		XA212	49										SPP	01										
43195		XA212	50										SPP	01										
43196		XA212	51										SPP	01										
43197		XA212	52										SPP	01										
43198		XA212	53										SPP	01										
43199		XA212	54										SPP	01										
43200		XA212	55										SPP	01										
43201		XA212	56										SPP	01										
43202		XA212	57										SPP	01										
40319		XA212	58										GND	01										
43203		XA212	59										SPP	01										
43204		XA212	60										SPP	01										
43205		XA212	61										SPP	01										
43206		XA212	62										SPP	01										
43207		XA212	63										SPP	01										
43208		XA212	64										SPP	01										
43209		XA212	65										SPP	01										
43210		XA212	66										SPP	01										
40320		XA212	67										GND	01										
43211		XA212	68										SPP	01										
43212		XA212	69										SPP	01										
43213		XA212	70										SPP	01										
43214		XA212	71										SPP	01										
43215		XA212	72										SPP	01										
CONNECTOR	XA212	CONTINUED ON THE NEXT PAGE ****																						

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LITTON SYSTEMS INC.
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XA212

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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	REL	PREFIX	CONNECTOR	PIN	REL	SIZE	MULTI GROUP	CODE	COLOR									IDENT	IND			OR
43216		XA212	73											SPP	01										
43217		XA212	74											SPP	01										
43218		XA212	75											SPP	01										
43219		XA212	76											SPP	01										
43220		XA212	77											SPP	01										
43221		XA212	78											SPP	01										
43222		XA212	79											SPP	01										
43223		XA212	80											SPP	01										
43224		XA213	01											SPP	01										
40321		XA213	02											GND	01										
43225		XA213	03											SPP	01										
43226		XA213	04											SPP	01										
43227		XA213	05											SPP	01										
43228		XA213	06											SPP	01										
43229		XA213	07											SPP	01										
43230		XA213	08											SPP	01										
43231		XA213	09											SPP	01										
43232		XA213	10											SPP	01										
43233		XA213	11											SPP	01										
40057		XA213	12											+5V	01										
43234		XA213	13											SPP	01										
43235		XA213	14											SPP	01										
43236		XA213	15											SPP	01										
40322		XA213	16											GND	01										
43237		XA213	17											SPP	01										
43238		XA213	18											SPP	01										
43239		XA213	19											SPP	01										
43240		XA213	20											SPP	01										
43241		XA213	21											SPP	01										
43242		XA213	22											SPP	01										
43243		XA213	23											SPP	01										
43244		XA213	24											SPP	01										
43245		XA213	25											SPP	01										
43246		XA213	26											SPP	01										
43247		XA213	27											SPP	01										
40058		XA213	28											+5V	01										
43248		XA213	29											SPP	01										
43249		XA213	30											SPP	01										
43250		XA213	31											SPP	01										
40323		XA213	32											GND	01										
43251		XA213	33											SPP	01										
43252		XA213	34											SPP	01										
43253		XA213	35											SPP	01										
43254		XA213	36											SPP	01										
43255		XA213	37											SPP	01										
43256		XA213	38											SPP	01										
43257		XA213	39											SPP	01										
43258		XA213	40											SPP	01										
CONNECTOR		XA213	CONTINUED ON THE NEXT PAGE ****																						

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DATA SYSTEMS DIVISION
LITTON SYSTEMS INC.
LITTON INDUSTRIES

DRAWING NUMBER 149016-880

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XA213

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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	USE	MULTI GROUP	CODE	COLOR											
43259		XA213	41									SPP	01								
43260		XA213	42									SPP	01								
43261		XA213	43									SPP	01								
40324		XA213	44									GND	01								
43262		XA213	45									SPP	01								
43263		XA213	46									SPP	01								
43264		XA213	47									SPP	01								
43265		XA213	48									SPP	01								
43266		XA213	49									SPP	01								
43267		XA213	50									SPP	01								
43268		XA213	51									SPP	01								
43269		XA213	52									SPP	01								
43270		XA213	53									SPP	01								
43271		XA213	54									SPP	01								
43272		XA213	55									SPP	01								
43273		XA213	56									SPP	01								
43274		XA213	57									SPP	01								
40325		XA213	58									GND	01								
43275		XA213	59									SPP	01								
43276		XA213	60									SPP	01								
43277		XA213	61									SPP	01								
43278		XA213	62									SPP	01								
43279		XA213	63									SPP	01								
43280		XA213	64									SPP	01								
43281		XA213	65									SPP	01								
43282		XA213	66									SPP	01								
40326		XA213	67									GND	01								
43283		XA213	68									SPP	01								
43284		XA213	69									SPP	01								
43285		XA213	70									SPP	01								
43286		XA213	71									SPP	01								
43287		XA213	72									SPP	01								
43288		XA213	73									SPP	01								
43289		XA213	74									SPP	01								
43290		XA213	75									SPP	01								
43291		XA213	76									SPP	01								
43292		XA213	77									SPP	01								
43293		XA213	78									SPP	01								
43294		XA213	79									SPP	01								
43295		XA213	80									SPP	01								
43296		XA214	01									SPP	01								
40327		XA214	02									GND	01								
43297		XA214	03									SPP	01								
43298		XA214	04									SPP	01								
43299		XA214	05									SPP	01								
43300		XA214	06									SPP	01								
43301		XA214	07									SPP	01								
43302		XA214	08									SPP	01								
CONNECTOR (XA214) CONTINUED ON THE NEXT PAGE ***																					

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DATA SYSTEMS DIVISION
LITTON SYSTEMS INC.
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XA214

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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	IDEN.												
43303		XA214	09									SPP	01									
43304		XA214	10									SPP	01									
43305		XA214	11									SPP	01									
40059		XA214	12									+5V	01									
43306		XA214	13									SPP	01									
43307		XA214	14									SPP	01									
43308		XA214	15									SPP	01									
40328		XA214	16									GND	01									
43309		XA214	17									SPP	01									
43310		XA214	18									SPP	01									
43311		XA214	19									SPP	01									
43312		XA214	20									SPP	01									
43313		XA214	21									SPP	01									
43314		XA214	22									SPP	01									
43315		XA214	23									SPP	01									
43316		XA214	24									SPP	01									
43317		XA214	25									SPP	01									
43318		XA214	26									SPP	01									
43319		XA214	27									SPP	01									
40060		XA214	28									+5V	01									
43320		XA214	29									SPP	01									
43321		XA214	30									SPP	01									
43322		XA214	31									SPP	01									
40329		XA214	32									GND	01									
43323		XA214	33									SPP	01									
43324		XA214	34									SPP	01									
43325		XA214	35									SPP	01									
43326		XA214	36									SPP	01									
43327		XA214	37									SPP	01									
43328		XA214	38									SPP	01									
43329		XA214	39									SPP	01									
43330		XA214	40									SPP	01									
43331		XA214	41									SPP	01									
43332		XA214	42									SPP	01									
43333		XA214	43									SPP	01									
40330		XA214	44									GND	01									
43334		XA214	45									SPP	01									
43335		XA214	46									SPP	01									
43336		XA214	47									SPP	01									
43337		XA214	48									SPP	01									
43338		XA214	49									SPP	01									
43339		XA214	50									SPP	01									
43340		XA214	51									SPP	01									
43341		XA214	52									SPP	01									
43342		XA214	53									SPP	01									
43343		XA214	54									SPP	01									
43344		XA214	55									SPP	01									
43345		XA214	56									SPP	01									
43346		XA214	57									SPP	01									
40331		XA214	58									GND	01									
CONNECTOR	XA214	CONTINUED ON THE NEXT PAGE ****																				

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	PREFIX	CONNECTOR	PIN	PREFIX	CONNECTOR	PIN	SEC	MULTI GROUP	CODE	COLOR											
43347		XA214	59									SPP	01								
43348		XA214	60									SPP	01								
43349		XA214	61									SPP	01								
43350		XA214	62									SPP	01								
43351		XA214	63									SPP	01								
43352		XA214	64									SPP	01								
43353		XA214	65									SPP	01								
43354		XA214	66									SPP	01								
40332		XA214	67									GND	01								
43355		XA214	68									SPP	01								
43356		XA214	69									SPP	01								
43357		XA214	70									SPP	01								
43358		XA214	71									SPP	01								
43359		XA214	72									SPP	01								
43360		XA214	73									SPP	01								
43361		XA214	74									SPP	01								
43362		XA214	75									SPP	01								
43363		XA214	76									SPP	01								
43364		XA214	77									SPP	01								
43365		XA214	78									SPP	01								
43366		XA214	79									SPP	01								
43367		XA214	80									SPP	01								
43368		XA215	01									SPP	01								
40333		XA215	02									GND	01								
43369		XA215	03									SPP	01								
43370		XA215	04									SPP	01								
43371		XA215	05									SPP	01								
43372		XA215	06									SPP	01								
43373		XA215	07									SPP	01								
43374		XA215	08									SPP	01								
43375		XA215	09									SPP	01								
43376		XA215	10									SPP	01								
43377		XA215	11									SPP	01								
40061		XA215	12									+5V	01								
43378		XA215	13									SPP	01								
43379		XA215	14									SPP	01								
43380		XA215	15									SPP	01								
40334		XA215	16									GND	01								
43381		XA215	17									SPP	01								
43382		XA215	18									SPP	01								
43383		XA215	19									SPP	01								
43384		XA215	20									SPP	01								
43385		XA215	21									SPP	01								
43386		XA215	22									SPP	01								
43387		XA215	23									SPP	01								
43388		XA215	24									SPP	01								
43389		XA215	25									SPP	01								
43390		XA215	26									SPP	01								
CONNECTOR XA215 CONTINUED ON THE NEXT PAGE ****																					

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RECORD NUMBER	FROM			TO			WIRE					SIGNAL	SEQ NO	EQUATION	TERM	FACTOR	CKT OR CHIP TYPE	GROUP	LOAD OR POWER PLANE	TEST POINTS		SIGNAL DESCRIPTION	ECO NO
	PREFIX	CONNECTOR	PIN	PREFIX	CONNECTOR	PIN	SH TO	MULTI GROUP	CODE	COLOR	IDEAT									IPC INST	AND		
43391		XA215	27									SPP	01										
40062		XA215	28									+5V	01										
43392		XA215	29									SPP	01										
43393		XA215	30									SPP	01										
43394		XA215	31									SPP	01										
40335		XA215	32									GND	01										
43395		XA215	33									SPP	01										
43396		XA215	34									SPP	01										
43397		XA215	35									SPP	01										
43398		XA215	36									SPP	01										
43399		XA215	37									SPP	01										
43400		XA215	38									SPP	01										
43401		XA215	39									SPP	01										
43402		XA215	40									SPP	01										
43403		XA215	41									SPP	01										
43404		XA215	42									SPP	01										
43405		XA215	43									SPP	01										
40336		XA215	44									GND	01										
43406		XA215	45									SPP	01										
43407		XA215	46									SPP	01										
43408		XA215	47									SPP	01										
43409		XA215	48									SPP	01										
43410		XA215	49									SPP	01										
43411		XA215	50									SPP	01										
43412		XA215	51									SPP	01										
43413		XA215	52									SPP	01										
43414		XA215	53									SPP	01										
43415		XA215	54									SPP	01										
43416		XA215	55									SPP	01										
43417		XA215	56									SPP	01										
43418		XA215	57									SPP	01										
40337		XA215	58									GND	01										
43419		XA215	59									SPP	01										
43420		XA215	60									SPP	01										
43421		XA215	61									SPP	01										
43422		XA215	62									SPP	01										
43423		XA215	63									SPP	01										
43424		XA215	64									SPP	01										
43425		XA215	65									SPP	01										
43426		XA215	66									SPP	01										
40338		XA215	67									GND	01										
43427		XA215	68									SPP	01										
43428		XA215	69									SPP	01										
43429		XA215	70									SPP	01										
43430		XA215	71									SPP	01										
43431		XA215	72									SPP	01										
43432		XA215	73									SPP	01										
43433		XA215	74									SPP	01										
43434		XA215	75									SPP	01										
43435		XA215	76									SPP	01										
CONNECTOR		XA215	CONTINUED ON THE NEXT PAGE ****																				

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RECORD NUMBER	FROM				TO				WIRE				SIGNAL	SEQ NO	EQUATION	TERM	FACTOR	CKT OR CHIP TYPE	GROUP	LOAD OR POWER PLANE	TEST POINTS AND OR	SIGNAL DESCRIPTION	ECO NO	
	PREFIX	CONNECTOR	PIN	WIRE	PREFIX	CONNECTOR	PIN	WIRE	SH FT	MULTI GROUP	CODE	COLOR												IDENT
43436		XA215	77										SPP	01										
43437		XA215	78										SPP	01										
43438		XA215	79										SPP	01										
43439		XA215	80										SPP	01										
43440		XA216	01										SPP	01										
40339		XA216	02										GND	01										
43441		XA216	03										SPP	01										
43442		XA216	04										SPP	01										
43443		XA216	05										SPP	01										
43444		XA216	06										SPP	01										
43445		XA216	07										SPP	01										
43446		XA216	08										SPP	01										
43447		XA216	09										SPP	01										
43448		XA216	10										SPP	01										
43449		XA216	11										SPP	01										
40063		XA216	12										+5V	01										
43450		XA216	13										SPP	01										
43451		XA216	14										SPP	01										
43452		XA216	15										SPP	01										
40340		XA216	16										GND	01										
43453		XA216	17										SPP	01										
43454		XA216	18										SPP	01										
43455		XA216	19										SPP	01										
43456		XA216	20										SPP	01										
43457		XA216	21										SPP	01										
43458		XA216	22										SPP	01										
43459		XA216	23										SPP	01										
43460		XA216	24										SPP	01										
43461		XA216	25										SPP	01										
43462		XA216	26										SPP	01										
43463		XA216	27										SPP	01										
40064		XA216	28										+5V	01										
43464		XA216	29										SPP	01										
43465		XA216	30										SPP	01										
43466		XA216	31										SPP	01										
40341		XA216	32										GND	01										
43467		XA216	33										SPP	01										
43468		XA216	34										SPP	01										
43469		XA216	35										SPP	01										
43470		XA216	36										SPP	01										
43471		XA216	37										SPP	01										
43472		XA216	38										SPP	01										
43473		XA216	39										SPP	01										
43474		XA216	40										SPP	01										
43475		XA216	41										SPP	01										
43476		XA216	42										SPP	01										
43477		XA216	43										SPP	01										
40342		XA216	44										GND	01										
CONNECTOR XA216 CONTINUED ON THE NEXT PAGE ****																								

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RECORD NUMBER	FROM				TO				WIRE			SIGNAL	SEQ NO	EQUATION	TERM	FACTOR	CKT OR CHIP TYPE	GROUP	LOAD OR POWER PLANE	TEST POINTS		SIGNAL DESCRIPTION	ECO NO
	PREFIX	CONNECTOR	PIN	PLD	PREFIX	CONNECTOR	PIN	PLD	MULTI GROUP	CODE	COLOR									IDEN.	AND		
43478		XA216	45									SPP	01										
43479		XA216	46									SPP	01										
43480		XA216	47									SPP	01										
43481		XA216	48									SPP	01										
43482		XA216	49									SPP	01										
43483		XA216	50									SPP	01										
43484		XA216	51									SPP	01										
43485		XA216	52									SPP	01										
43486		XA216	53									SPP	01										
43487		XA216	54									SPP	01										
43488		XA216	55									SPP	01										
43489		XA216	56									SPP	01										
43490		XA216	57									SPP	01										
40343		XA216	58									GND	01										
43491		XA216	59									SPP	01										
43492		XA216	60									SPP	01										
43493		XA216	61									SPP	01										
43494		XA216	62									SPP	01										
43495		XA216	63									SPP	01										
43496		XA216	64									SPP	01										
43497		XA216	65									SPP	01										
43498		XA216	66									SPP	01										
40344		XA216	67									GND	01										
43499		XA216	68									SPP	01										
43500		XA216	69									SPP	01										
43501		XA216	70									SPP	01										
43502		XA216	71									SPP	01										
43503		XA216	72									SPP	01										
43504		XA216	73									SPP	01										
43505		XA216	74									SPP	01										
43506		XA216	75									SPP	01										
43507		XA216	76									SPP	01										
43508		XA216	77									SPP	01										
43509		XA216	78									SPP	01										
43510		XA216	79									SPP	01										
43511		XA216	80									SPP	01										
41350		XA217	01									LXDVSS	03	LXSSOA	01	1	TS8	A1			02B		
40345		XA217	02									GND	01				TS8				01A		
40129		XA217	03									DNW	01				TS8						
41800		XA217	04			XA232	31			168	9	LXXB20	01	LXSSOA	01	2	TS8	A1			04A		
41714		XA217	05			XA230	11			168	9	LXXA0P	01	LXSSOA	01	3	TS8	A1			03B		
41731		XA217	06									LXXA1Q	07	LXSSOA	01	4	TS8	A1			05A		
41650		XA217	07			XA228	46			168	9	LXSS0	01	LXSSOA	01	5	TS8	A1			03A		
41562		XA217	08			XA226	13			168	9	LXROPA	01	LXSSOA	01	6	TS8	A1			06A		
40130		XA217	09									DNW	01				TS8						
41988		XA217	10			XA217	26			168	9	SPI0012	08	LXSSOA	01	7	TS8	A1			07A		
41654		XA217	11									LXSSOA	03	LXSSOA	00	1	TS8	A1			05B	SOFTWARE STOP COMM	
40065		XA217	12									+5V	01				TS8						
CONNECTOR		XA217																					

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	PREFIX	CONNECTOR	PIN	PREFIX	CONNECTOR	PIN	MULTI GROUP	CODE	COLOR	IDENT									AND	OR		
42042		XA217	13		XA217	25					SPI0022	28	LXSS0A	01	8	TS8	A1		06B			
40639		XA217	14		XA222	59					LAE10P	01	LPDSCA	01	1	TS8	B1		09A			
40131		XA217	15								DNW	01				TS8						
40346		XA217	16								GND	01				TS8			21B			
40132		XA217	17								DNW	01				TS8						
40668		XA217	18								LAE14P	09	LPDSCA	01	2	TS8	B1		10A			
40619		XA217	19		XA217	36					16B	9	LAEO2P	01	3	TS8	B1		09B			
40638		XA217	20								LAEO4Q	03	LPDSCA	01	4	TS8	B1		11A			
40133		XA217	21								DNW	01				TS8						
40954		XA217	22		XA222	11					16B	9	LPFLTP	03	5	TS8	B1		12A			
40940		XA217	23		XA223	17					16B	9	LPDSCA	01	1	TS8	B1		11B	PRINTER DATA STROB		
40974		XA217	24		XA217	40					16B	9	LPRTOP	02	6	TS8	B1		13A			
42043		XA217	25								SPI0022	29	LPDSCA	01	7	TS8	B1		12B			
41989		XA217	26		XA218	20					16B	9	SPI0012	09	8	TS8	B1		14A			
40134		XA217	27								DNW	01				TS8						
40066		XA217	28								+5V	01				TS8						
40135		XA217	29								DNW	01				TS8						
40605		XA217	30		XA218	01					16B	9	LXGN2A	00C	1	TS8	C1		15A			
40646		XA217	31		XA218	04					16B	9	LAE11Q	03	2	TS8	C1		15B			
40347		XA217	32								GND	01				TS8			27A			
40136		XA217	33								DNW	01				TS8						
40649		XA217	34		XA218	05					16B	9	LAE12P	02	3	TS8	C1		16A			
40901		XA217	35		XA223	19					16B	9	LPCRSA	01	1	TS8	C1		17B			
40620		XA217	36		XA222	45					16B	9	LAE02P	02	4	TS8	C1		17A			
40637		XA217	37		XA217	20					16B	9	LAEO4Q	02	5	TS8	C1		18B			
40953		XA217	38		XA217	22					16B	9	LPFLTP	02	6	TS8	C1		18A			
40137		XA217	39								DNW	01				TS8						
40975		XA217	40		XA226	48					16B	9	LPRTOP	03	7	TS8	C1		19A			
40138		XA217	41								DNW	01				TS8						
41994		XA217	42		XA218	79					16B	9	SPI0012	14	8	TS8	C1		20A			
40970		XA217	43								LPRNTQ	06	LAEN2A	01	1	TS8	D1		23B			
40348		XA217	44								GND	01				TS8			40A			
40139		XA217	45								DNW	01				TS8						
40679		XA217	46								LA0ENS	07	LAEN2A	01	2	TS8	D1		21A			
40565		XA217	47		XA225	62					16B	9	LAEN2A	01	1	TS8	D1		25B			
40658		XA217	48		XA218	22					16B	9	LAE13Q	06	3	TS8	D1		22A			
40666		XA217	49		XA218	24					16B	9	LAE14P	07	4	TS8	D1		26B			
40631		XA217	50								LAE03Q	03	LAEN2A	01	5	TS8	D1		23A			
40140		XA217	51								DNW	01				TS8						
40635		XA217	52								LAE04P	04	LAEN2A	01	6	TS8	D1		24A			
40141		XA217	53								DNW	01				TS8						
41291		XA217	54		XA217	64					16B	9	LXCP3B	11	7	TS8	D1		25A			
40990		XA217	55		XA224	09					16B	9	LSNCOA	01	1	TS8	E1		29B			
42001		XA217	56		XA218	49					16B	9	SPI0012	21	8	TS8	D1		26A			
40142		XA217	57								DNW	01				TS8						
40349		XA217	58								GND	01				TS8						
40986		XA217	59								LSNCOA	02	LSNCOA	00	1	TS8	E1		31B			
41007		XA217	60								LSNC2R	03	LSNCOA	01	2	TS8	E1		28A			
40687		XA217	61		XA224	17					16B	9	LBSYR	01	3	TS8	E1		32B			
40778		XA217	62								LINT1A	04	LSNCOA	01	4	TS8	E1		29A			
CONNECTOR XA217 CONTINUED ON THE NEXT PAGE ***																						

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DATA SYSTEMS DIVISION
LITTON SYSTEMS INC.
LITTON INDUSTRIES

DRAWING NUMBER 149016-880

CONNECTOR UNIT ASSEMBLY NO. 149016

REV. E

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XA217

UNIT ASSEMBLY NAME CARD CAGE ASSY, A, IFCU

FILE IDENT T39C1FC6

DATE 09-03-82

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RECORD NUMBER	FROM				TO				W R E				SIGNAL	SEQ NO	EQUATION	TERM	FACTOR	CAT OR CHIP TYPE	GROUP	LOAD OR POWER PLANE	TEST POINTS - AND OR	SIGNAL DESCRIPTION	ECO NO
	PREFIX	CONNECTOR	PIN	USE	PREFIX	CONNECTOR	PIN	USE	SPEC	MULTI GROUP	CODE	COLOR											
40143		XA217	63											DNW	01			TS8					
41292		XA217	64		XA223	70				168	9			LXCP3B	12	LSNCOA	01	5	TS8	E1		30A	
40144		XA217	65											DNW	01			TS8					
42023		XA217	66		XA218	68				168	9			SPI0022	09	LSNCOA	01	6	TS8	E1		31A	
40350		XA217	67											GND	01			TS8					
41997		XA217	68		XA218	72				168	9			SPI0012	17	LSNCOA	01	7	TS8	E1		32A	
40145		XA217	69											DNW	01			TS8					
42058		XA217	70		XA217	72				168	9			SPI0032	15	LSNCOA	01	8	TS8	E1		33A	
41996		XA217	71		XA217	68				168	9			SPI0012	16			TS8	F1			36A	
42059		XA217	72		XA218	74				168	9			SPI0032	16			TS8	F1			34A	
42021		XA217	73		XA218	71				168	9			SPI0022	07			TS8	F1			36B	
42116		XA217	74											SPI0052	17			TS8	F1			35B	
42099		XA217	75											SPI0042	26			TS8	F1			37B	
43548		XA217	76											SPO	01			TS8	F1			37A	
42117		XA217	77		XA219	45				168	9			SPI0062	01			TS8	F1			38B	
42142		XA217	78		XA219	43				168	9			SPI0082	01			TS8	F1			38A	
42141		XA217	79											SPI0072	12			TS8	F1			39B	
40146		XA217	80											DNW	01			TS8					
40606		XA218	01		XA220	05				168	9			LXGN2A	005	LPCRC A	01	1	TD4	A2		02B	
40351		XA218	02											GND	01			TD4				01A	
40147		XA218	03											DNW	01			TD4					
40647		XA218	04											LAE11Q	04	LPCRC A	01	2	TD4	A2		04A	
40650		XA218	05											LAE12P	03	LPCRC A	01	3	TD4	A2		03B	
40771		XA218	06		XA231	37				168	9			LFRMEQ	01	LLPFOA	01	1	TD4	A1		05A	
40609		XA218	07											LAE00P	03	LPCRC A	01	4	TD4	A2		03A	
41013		XA218	08											LSNC2S	06	LLPFOA	01	2	TD4	A1		06A	
40895		XA218	09		XA236	71				168	9			LPCRC A	01	LPCRC A	00	1	TD4	A2		04B	NOT USED (FOR CR)
40694		XA218	10											LBUSYS	04	LLPFOA	01	3	TD4	A1		07A	
40842		XA218	11		XA224	26				168	9			LLPFOA	01	LLPFOA	00	1	TD4	A1		05B	START FORM FEED
40067		XA218	12											+5V	01			TD4					
41290		XA218	13		XA217	54				168	9			LXCP3B	10	LLPFOA	01	4	TD4	A1		06B	
41001		XA218	14											LSNC1S	04	LBSYOA	01	1	TD4	B2		09A	
40148		XA218	15											DNW	01			TD4					
40352		XA218	16											GND	01			TD4				20B	
40149		XA218	17											DNW	01			TD4					
40949		XA218	18											LPFLTA	03	LBSYOA	01	2	TD4	B2		10A	
41253		XA218	19		XA221	01				168	9			LXCP1B	10	LBSYOA	01	3	TD4	B2		09B	
41990		XA218	20		XA219	31				168	9			SPI0012	01	LBSYOA	01	4	TD4	B2		11A	
40682		XA218	21		XA224	19				168	9			LBSYOA	01	LBSYOA	00	1	TD4	B2		10B	SET HARDWARE BUSY
40659		XA218	22											LAE13Q	07	LPFLIA	01	1	TD4	B1		12A	
40945		XA218	23		XA224	61				168	9			LPFLIA	01	LPFLIA	00	1	TD4	B1		11B	FAULT DETECT INHIB
40667		XA218	24		XA217	18				168	9			LAE14P	08	LPFLIA	01	2	TD4	B1		13A	
40613		XA218	25											LAED0Q	04	LPFLIA	01	3	TD4	B1		12B	
40626		XA218	26		XA221	45				168	9			LAE03P	01	LPFLIA	01	4	TD4	B1		14A	
40150		XA218	27											DNW	01			TD4					
40068		XA218	28											+5V	01			TD4					
40151		XA218	29											DNW	01			TD4					
42091		XA218	30		XA219	35				168	9			SPI0042	18			TD4	C2			15A	
CONNECTOR		XA218	CONTINUED ON THE NEXT PAGE ****																				

RECORD NUMBER	FROM				TO				WIRE				SIGNAL	SEQ NO	EQUATION	TERM	FACTOR	CKT OR CHIP TYPE	GROUP	LOAD OR POWER PLANE	TEST POINTS AND OR	SIGNAL DESCRIPTION	ECO NO
	PREFIX	CONNECTOR	PIN	SHTG	PREFIX	CONNECTOR	PIN	SHTG	MULTI GROUP	CODE	COLOR	IDENT											
42066		XA218	31			XA219	29						SPI0032	23		01	2	TD4	C2		15B		
40353		XA218	32										GND	01				TD4				21B	
43549		XA218	33										SPO	01		00	1	TD4	C2			16B	
42030		XA218	34			XA219	33						SPI0022	16		01	3	TD4	C2			16A	
43550		XA218	35										SPO	01		00	1	TD4	C1			17B	
41992		XA218	36			XA218	37						SPI0012	12		01	4	TD4	C2			17A	
41993		XA218	37			XA217	42						SPI0012	13		01	1	TD4	C1			18B	
42093		XA218	38			XA218	46						SPI0042	20		01	2	TD4	C1			18A	
40152		XA218	39										DNW	01				TD4					
42064		XA218	40			XA218	43						SPI0032	21		01	3	TD4	C1			19A	
40153		XA218	41										DNW	01				TD4					
42029		XA218	42			XA218	34						SPI0022	15		01	4	TD4	C1			20A	
42065		XA218	43			XA218	31						SPI0032	22		01	1	TD4	D2			23B	
40354		XA218	44										GND	01				TD4				27A	
43551		XA218	45										SPO	01		00	1	TD4	D2			24B	
42094		XA218	46			XA218	52						SPI0042	21		01	2	TD4	D2			21A	
43552		XA218	47										SPO	01		00	1	TD4	D1			25B	
42028		XA218	48			XA218	42						SPI0022	14		01	3	TD4	D2			22A	
42002		XA218	49			XA218	50						SPI0012	22		01	1	TD4	D1			26B	
42003		XA218	50			XA219	39						SPI0012	23		01	4	TD4	D2			23A	
40154		XA218	51										DNW	01				TD4					
42095		XA218	52			XA218	55						SPI0042	22		01	2	TD4	D1			24A	
40155		XA218	53										DNW	01				TD4					
42063		XA218	54			XA218	40						SPI0032	20		01	3	TD4	D1			25A	
42096		XA218	55			XA218	61						SPI0042	23		01	1	TD4	E2			29B	
42026		XA218	56			XA219	47						SPI0022	12		01	4	TD4	D1			26A	
43553		XA218	57										SPO	01		00	1	TD4	E2			30B	
40355		XA218	58										GND	01				TD4				40A	
43554		XA218	59										SPO	01		00	1	TD4	E1			31B	
42000		XA218	60			XA217	56						SPI0012	20		01	2	TD4	E2			28A	
42097		XA218	61			XA218	73						SPI0042	24		01	1	TD4	E1			32B	
42025		XA218	62			XA218	56						SPI0022	11		01	3	TD4	E2			29A	
40156		XA218	63										DNW	01				TD4					
42062		XA218	64			XA218	54						SPI0032	19		01	4	TD4	E2			30A	
40157		XA218	65										DNW	01				TD4					
42061		XA218	66			XA218	64						SPI0032	18		01	2	TD4	F1			31A	
40356		XA218	67										GND	01				TD4				40B	
42024		XA218	68			XA218	62						SPI0022	10		01	3	TD4	F1			32A	
43555		XA218	69										SPO	01		00	1	TD4	F2			35A	
41999		XA218	70			XA218	60						SPI0012	19		01	4	TD4	F1			33A	
42022		XA218	71			XA217	66						SPI0022	08		01	1	TD4	F2			36A	
41998		XA218	72			XA218	70						SPI0012	18		01	2	TD4	F2			34A	
42098		XA218	73			XA217	75						SPI0042	25		01	3	TD4	F2			36B	
42060		XA218	74			XA218	66						SPI0032	17		01	4	TD4	F2			35B	
40983		XA218	75			XA233	74						LSC11A	01	LINT10	01	1	TD4	F1			37B	
40779		XA218	76			XA223	77						LINT10	01	LINT10	00	1	TD4	F1			37A	
40850		XA218	77			XA225	24						LLPF1A	01	LINT10	01	2	TD4	F1			38B	
40961		XA218	78										LPINTA	02	LINT10	01	3	TD4	F1			38A	
41995		XA218	79			XA217	71						SPI0012	15	LINT10	01	4	TD4	F1			39B	
40158		XA218	80										DNW	01				TD4					

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DATA SYSTEMS DIVISION
LITTON SYSTEMS INC.
LITTON INDUSTRIES

DRAWING NUMBER 149016-880

CONNECTOR UNIT ASSEMBLY NO. 149016

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XA219

UNIT ASSEMBLY NAME CARD CAGE ASSY, A, IFCU

FILE IDENT T39C1FC6

DATE 09-03-82

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RECORD NUMBER	FROM			TO			WIRE				SIGNAL	SFC NO	EQUATION	TERM	FACTOR	CKT OR CHIP TYPE	GROUP	LOAD OR POWER PLANE	TEST POINTS AND/OR	SIGNAL DESCRIPTION	FCO NO
	PREFIX	CONNECTOR	PIN	PREFIX	CONNECTOR	PIN	MULTI GROUP	CODE	COLOR	IDENT											
40159		XA219	01								DNW	01									
40357		XA219	02								GND	01				MUX				01B	
42041		XA219	03		XA217	13			16B	9	SPI0022	27		01	1	MUX	A1			02B	
43556		XA219	04								SPO	01		00	1	MUX	A1			02A	
41987		XA219	05		XA217	10			16B	9	SPI0012	07		01	2	MUX	A1			03B	
43557		XA219	06								SPO	01		00	1	MUX	A2			03A	
42073		XA219	07								SPI0032	30		01	3	MUX	A1			04B	
42157		XA219	08		XA237	79			16B	9	SPI0092	03		01	3	MUX	A2			04A	
42120		XA219	09		XA220	14			16B	9	SPI0062	04		01	4	MUX	A1			05B	
42166		XA219	10								SPI0102	04		01	2	MUX	A2			05A	
42138		XA219	11		XA219	25			16B	9	SPI0072	09		01	5	MUX	A1			06B	
40069		XA219	12								+5V	01				MUX				08A	
42171		XA219	13		XA219	30			16B	9	SPI0122	01		01	4	MUX	A2			07A	
42167		XA219	14		XA219	24			16B	9	SPI0112	01		01	1	MUX	A2			06A	
42113		XA219	15		XA219	19			16B	9	SPI0052	14		01	6	MUX	A1			07B	
40358		XA219	16								GND	01				MUX				20B	
42089		XA219	17		XA219	23			16B	9	SPI0042	16		01	8	MUX	A1			08B	
42145		XA219	18		XA220	17			16B	9	SPI0082	04		01	7	MUX	A1			09A	
42114		XA219	19		XA219	37			16B	9	SPI0052	15		01	1	MUX	B1			09B	
43558		XA219	20								SPO	01		00	1	MUX	B1			10A	
42144		XA219	21		XA219	18			16B	9	SPI0082	03		01	2	MUX	B1			10B	
43559		XA219	22								SPO	01		00	1	MUX	B2			11A	
42090		XA219	23		XA218	30			16B	9	SPI0042	17		01	3	MUX	B1			11B	
42168		XA219	24		XA219	46			16B	9	SPI0112	02		01	3	MUX	B2			12A	
42139		XA219	25		XA219	41			16B	9	SPI0072	10		01	4	MUX	B1			12B	
42156		XA219	26		XA219	08			16B	9	SPI0092	02		01	2	MUX	B2			13A	
42165		XA219	27		XA219	10			16B	9	SPI0102	03		01	1	MUX	B2			14A	
40070		XA219	28								+5V	01				MUX				08A	
42067		XA219	29		XA220	22			16B	9	SPI0032	24		01	5	MUX	B1			13B	
42172		XA219	30		XA219	40			16B	9	SPI0122	02		01	4	MUX	B2			15A	
41991		XA219	31		XA218	36			16B	9	SPI0012	11		01	6	MUX	B1			14B	
40359		XA219	32								GND	01				MUX				27A	
42031		XA219	33		XA220	29			16B	9	SPI0022	17		01	8	MUX	B1			16A	
42119		XA219	34		XA219	09			16B	9	SPI0062	03		01	7	MUX	B1			15B	
42092		XA219	35		XA218	38			16B	9	SPI0042	19		01	1	MUX	C1			16B	
43560		XA219	36								SPO	01		00	1	MUX	C1			17A	
42115		XA219	37		XA217	74			16B	9	SPI0052	16		01	2	MUX	C1			17B	
43561		XA219	38								SPO	01		00	1	MUX	C2			18A	
42004		XA219	39		XA220	39			16B	9	SPI0012	24		01	3	MUX	C1			18B	
42173		XA219	40		XA234	03			16B	9	SPI0122	03		01	3	MUX	C2			19A	
42140		XA219	41		XA217	79			16B	9	SPI0072	11		01	4	MUX	C1			19B	B02
42155		XA219	42		XA219	26			16B	9	SPI0092	01		01	2	MUX	C2			20A	
42143		XA219	43		XA219	21			16B	9	SPI0082	02		01	5	MUX	C1			22B	
40360		XA219	44								GND	01				MUX				40A	
42118		XA219	45		XA219	34			16B	9	SPI0062	02		01	6	MUX	C1			23B	
42169		XA219	46		XA246	51			16B	9	SPI0112	03		01	1	MUX	C2			21A	
42027		XA219	47		XA218	48			16B	9	SPI0022	13		01	7	MUX	C1			23A	
42164		XA219	48		XA219	27			16B	9	SPI0102	02		01	4	MUX	C2			22A	
41305		XA219	49		XA219	66			16B	9	LXDB50	01	LXDBO TA	01	4	MUX	D1			24B	
42057		XA219	50		XA217	70			16B	9	SPI0032	14		01	8	MUX	C1			24A	
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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 DR	SIGNAL DESCRIPTION	ECO NO	
	PREFIX	CONNECTOR	PIN	WIRE NO	PREFIX	CONNECTOR	PIN	WIRE NO	MULTI GROUP	CODE	COLOR	IDENT												SPEC INST. MISC
40746		XA219	51		XA231	78				16B	9			LDO0BQ	01	LXDB0TA	01	1	MUX	D1		25B		
41814		XA219	52		XA219	68				16B	9			LXXC1Q	02	LXDB0TA	01	3	MUX	D1		25A		
41400		XA219	53											LXGN1A	12	LXDB0TA	01	2	MUX	D1		26B		
40751		XA219	54		XA230	55				16B	9			LDO2BQ	01	LXDB0TC	01	1	MUX	D3		26A		
41309		XA219	55											LXDB0TA	02	LXDB0TA	00	1	MUX	D1		27B	INPUT DATA MUX BIT	
41414		XA219	56		XA227	51				16B	9			LXGN3A	07	LXDB0TC	01	2	MUX	D3		28B		
40750		XA219	57											LDO1BQ	03	LXDB0TB	01	1	MUX	D2		29B		
40361		XA219	58											GND	01				MUX			40B		
41402		XA219	59		XA236	39				16B	9			LXGN2A	02	LXDB0TB	01	2	MUX	D2		30B		
41313		XA219	60											LXDB0TC	02	LXDB0TC	00	1	MUX	D3		28A		
41310		XA219	61		XA235	73				16B	9			LXDB0TB	01	LXDB0TB	00	1	MUX	D2		31B		
40756		XA219	62											LDO3BQ	03	LXDB0TD	01	1	MUX	D4		29A		
41314		XA219	63		XA235	77				16B	9			LXDB0TD	01	LXDB0TD	00	1	MUX	D4		31A		
40979		XA219	64											LPRTOQ	02	LXDB0TD	01	2	MUX	D4		30A		
40160		XA219	65											DNW	01				MUX					
41306		XA219	66		XA223	72				16B	9			LXDBSO	02	LXDB4TA	01	4	MUX	F1		32B		
40362		XA219	67											GND	01				MUX					
41815		XA219	68		XA221	78				16B	9			LXXC1Q	03	LXDB4TA	01	3	MUX	E1		33A		
40757		XA219	69		XA230	74				16B	9			LDO4BQ	01	LXDB4TA	01	1	MUX	E1		32A		
40763		XA219	70		XA229	78				16B	9			LDO6BQ	01	LXDB4TC	01	1	MUX	E3		34A		
40956		XA219	71		XA222	13				16B	9			LPFLTQ	01	LXDB4TA	01	2	MUX	E1		33B		
40678		XA219	72		XA217	46				16B	9			LAQENS	06	LXDB4TC	01	2	MUX	E3		35A		
41317		XA219	73											LXDB4TA	02	LXDB4TA	00	1	MUX	E1		34B	INPUT DATA MUX BIT	
41321		XA219	74											LXDB4TC	02	LXDB4TC	00	1	MUX	E3		36A		
40760		XA219	75		XA229	55				16B	9			LDO5BQ	01	LXDB4TB	01	1	MUX	E2		35B		
40766		XA219	76		XA229	74				16B	9			LDO7BQ	01	LXDB4TD	01	1	MUX	F4		37A		
40695		XA219	77		XA220	13				16B	9			LCDERQ	01	LXDB4TB	01	2	MUX	E2		36B		
40894		XA219	78											LPBZYQ	03	LXDB4TD	01	2	MUX	E4		38A		
41318		XA219	79		XA234	73				16B	9			LXDB4TB	01	LXDB4TB	00	1	MUX	E2		37B		
41322		XA219	80		XA234	77				16B	9			LXDB4TD	01	LXDB4TD	00	1	MUX	F4		38B		
40876		XA220	01											LLPT1A	04	LLPTON	01	1	TDD	BN		02B		
40363		XA220	02											GND	01				TDD			01B		
41918		XA220	03											LXOD0A	06	LLPTOQ	01	1	TDD	BQ		02A		
41494		XA220	04		XA221	04				16B	9			LXRS0B	01	LLPTOP	01	1	TDD	BP		04A		
41401		XA220	05		XA219	59				16B	9			LXGN2A	01	LLPTOI	01	1	TDD	BI		03B		
41016		XA220	06		XA221	06				16B	9			LRS0A	01	LCDERP	01	1	TDD	AP		05A		
40871		XA220	07		XA221	05				16B	9			LLPTOQ	01	LLPTOQ	00	1	TDD	BQ		03A		
41986		XA220	08		XA219	05				16B	9			SPI0012	06	LCDERT	01	1	TDD	AT		06A	LOOP TEST COUNTER	
43641		XA220	09										M	LLPTOP	01	LLPTOP	00	1	TDD	BP		04B		
42040		XA220	10		XA219	03				16B	9			SPI0022	26	LCDERN	01	1	TDD	AN		07A		
43607		XA220	11										M	LCDERP	01	LCDERP	00	1	TDD	AP		05B		
40071		XA220	12											+5V	01				TDD					
40696		XA220	13											LCDERQ	02	LCDERQ	00	1	TDD	AQ		06B	COMPUTER DATA PART	
42121		XA220	14		XA221	14				16B	9			SPI0062	05				TDD	DN		09A		
40698		XA220	15											LCDESA	02	LCDERQ	01	1	TDD	AQ		07B		
40364		XA220	16											GND	01				TDD			20B		
42146		XA220	17		XA221	17				16B	9			SPI0082	05				TDD	DQ		08B		
42112		XA220	18		XA219	15				16B	9			SPI0052	13				TDD	DI		10A		
CONNECTOR XA220 CONTINUED ON THE NEXT PAGE ****																								

REC NO	FROM				TO				WIRE				SIGNAL	SEQ NO	EQUATION	TERMS	FACTOR	CKT OR CHIP TYPE	GROUP	LOAD OR POWER PLANE	TEST POINTS		SIGNAL DESCRIPTION	ECO NO
	PREFIX	CONNECTOR	PIN	U.S.	PREFIX	CONNECTOR	PIN	MULTI GROUP	CODE	COLOR	IDENT	SEC. INST. MISC.									END	OR		
43562		XA220	19									SPO	01		00	1	TDD	DO			09B			
42137		XA220	20		XA219	11			16B	9		SPI0072	08		01	1	TDD	DP			11A			
43563		XA220	21									SPO	01		00	1	TDD	DP			10B			
42068		XA220	22		XA221	22			16B	9		SPI0032	25		01	1	TDD	CP			12A			
43564		XA220	23									SPO	01		00	1	TDD	CP			11B			
41981		XA220	24		XA221	24			16B	9		SPI0012	01		01	1	TDD	CI			13A			
43565		XA220	25									SPO	01		00	1	TDD	CO			12B			
42033		XA220	26		XA221	29			16B	9		SPI0022	19		01	1	TDD	CN			14A			
42088		XA220	27		XA219	17			16B	9		SPI0042	15		01	1	TDD	CO			13B			
40072		XA220	28									+5V	01				TDD							
42032		XA220	29		XA220	26			16B	9		SPI0022	18	LK17BQ	01	1	TDD	FO			14B			
40819		XA220	30		XA221	30			16B	9		LK128A	01	LK17BN	01	1	TDD	FN			15A			
43635		XA220	31								M	LK17BQ	01	LK17BQ	00	1	TDD	FO			15B	REQUEST TIMER BIT		
40365		XA220	32									GND	01				TDD				21B			
40828		XA220	33									LK17BP	03	LK17BP	00	1	TDD	FP			16B			
40824		XA220	34		XA221	31			16B	9		LK16BQ	01	LK17BI	01	1	TDD	FI			16A			
43628		XA220	35								M	LK10BP	01	LK10BP	00	1	TDD	EP			17B			
40793		XA220	36		XA221	36			16B	9		LKRS1A	01	LK17BP	01	1	TDD	FP			17A			
40815		XA220	37									LK10BQ	02	LK10BQ	00	1	TDD	EQ			18B	REQUEST TIMER BIT		
40786		XA220	38		XA221	38			16B	9		LKRS0A	01	LK10BP	01	1	TDD	EP			18A			
42005		XA220	39		XA221	39			16B	9		SPI0012	25	LK10BQ	01	1	TDD	EQ			19B			
40816		XA220	40		XA222	33			16B	9		LK118P	01	LK10BI	01	1	TDD	EI			19A			
40589		XA220	41		XA221	41			16B	9		LAEST0	01	LAE04Q	01	1	TDD	HO			22B			
40810		XA220	42		XA222	30			16B	9		LK06BA	02	LK10BN	01	1	TDD	EN			20A			
40636		XA220	43		XA217	37			16B	9		LAE04Q	01	LAE04Q	00	1	TDD	HO			23B	MAIN TIMING COUNT		
40366		XA220	44									GND	01				TDD				27A			
40634		XA220	45		XA217	52			16B	9		LAE04P	03	LAE04P	00	1	TDD	HP			24B			
41262		XA220	46		XA221	46			16B	9		LXCP1B	10	LAE04N	01	1	TDD	HN			21A			
40614		XA220	47		XA232	64			16B	9		LAE01P	01	LAE01P	00	1	TDD	GP			25B			
40630		XA220	48		XA217	50			16B	9		LAE03Q	02	LAE04I	01	1	TDD	HI			22A			
40618		XA220	49									LAE01Q	03	LAE01Q	00	1	TDD	GO			26B			
42016		XA220	50		XA222	50			16B	9		SPI0022	02	LAE04P	01	1	TDD	HP			23A			
40595		XA220	51		XA220	63			16B	9		LAEST0	07	LAE01Q	01	1	TDD	GO			27B			
42010		XA220	52		XA220	66			16B	9		SPI0012	30	LAE01P	01	1	TDD	GP			24A			
41538		XA220	53									LXRS0B	45	LAENCO	01	1	TDD	KQ			28B			
40611		XA220	54		XA221	49			16B	9		LAE00Q	02	LAE01I	01	1	TDD	GI			25A			
40547		XA220	55									LAENCO	02	LAENCO	00	1	TDD	KQ			29B	MAIN TIMING COUNT		
41261		XA220	56		XA220	46			16B	9		LXCP1B	09	LAE01N	01	1	TDD	GN			26A			
43604		XA220	57								M	LAENCP	01	LAENCP	00	1	TDD	KP			30B			
40367		XA220	58									GND	01				TDD				40A			
40648		XA220	59		XA217	34			16B	9		LAE12P	01	LAE12P	00	1	TDD	JP			31B			
40669		XA220	60		XA221	55			16B	9		LAE14Q	01	LAENCN	01	1	TDD	KN			28A			
40652		XA220	61									LAE12Q	02	LAE12Q	00	1	TDD	JO			32B			
42020		XA220	62		XA217	73			16B	9		SPI0022	06	LAENCI	01	1	TDD	KI			29A			
40596		XA220	63		XA221	63			16B	9		LAEST0	08	LAE12Q	01	1	TDD	JO			33B			
40582		XA220	64		XA223	66			16B	9		LAEN5A	01	LAENCP	01	1	TDD	KP			30A			
41439		XA220	65		XA228	27			16B	9		LXIR1A	01	LXXDSQ	01	1	TDD	MQ			34B			
42011		XA220	66		XA221	66			16B	9		SPI0012	31	LAE12P	01	1	TDD	JP			31A			
40388		XA220	67									GND	01				TDD				40B			
40644		XA220	68		XA221	61			16B	9		LAE11Q	01	LAE12I	01	1	TDD	JI			32A			
CONNECTOR		XA220	CONTINUED ON THE NEXT PAGE ****																					

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DATA SYSTEMS DIVISION
LITTON SYSTEMS INC.
LITTON INDUSTRIES

DRAWING NUMBER 149016-880

CONNECTOR

UNIT ASSEMBLY NO. 149016

REV. E

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XA220

UNIT ASSEMBLY NAME CARD CAGE ASSY, A, IFCU

FILE IDENT T39C1FC6

DATE 09-03-82

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LITTON DATA SYSTEMS

UNIT ASSEMBLY NAME CARD CAGE ASSY, A, IFCU

FILE IDENT T39C1FC6

DATE 09-03-82

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RECORD NUMBER	FROM				TO				WIRE				SFC INST. DIBLOC	SIGNAL	SEQ NO	EQUATION	TERM	FACTOR	CKT OR CHIP TYPE	GROUP	LOAD OR POWER PLANE	TEST POINTS AND/OR	SIGNAL DESCRIPTION	ECO NO
	PREFIX	CONNECTOR	PIN	IN	PREFIX	CONNECTOR	PIN	IN	MULTI GROUP	CODE	COLOR	IDENT												
41874		XA220	69		XA223	73				16B	9		LXXDSP	01	LXXDSP	00	1	TDD	MP		35A			
40545		XA220	70										LAECPO	06	LAEL2N	01	1	TDD	JN		33A			
41413		XA220	71		XA219	56				16B	9		LXGN3A	06	LXXDSI	01	1	TDD	MI		36A			
41845		XA220	72		XA221	79				16B	9		LXXC4P	04	LXXDSN	01	1	TDD	MN		34A			
41536		XA220	73		XA220	75				16B	9		LXRS0B	43	LXXDSP	01	1	TDD	MP		36B			
43723		XA220	74									M	LXXDSQ	01	LXXDSQ	00	1	TDD	MQ		35B	IOU INPUT IIR DATA		
41537		XA220	75		XA220	53				16B	9		LXRS0B	44	LXXDDP	01	1	TDD	LP		37B			
41854		XA220	76										LXXDDP	05	LXXDDP	00	1	TDD	LP		37A			
41412		XA220	77		XA220	71				16B	9		LXGN3A	05	LXXDDI	01	1	TDD	LI		38B			
43721		XA220	78									M	LXXDDQ	01	LXXDDQ	00	1	TDD	LQ		38A	IOU INPUT DATA CON		
41847		XA220	79										LXXC4P	06	LXXDDN	01	1	TDD	LN		39B			
40890		XA220	80		XA228	69				16B	9		LLTE0A	01	LXXDDQ	01	1	TDD	LQ		39A			
41254		XA221	01		XA222	01				16B	9		LXCP1B	02	LLPT1N	01	1	TDD	BN		02B			
40369		XA221	02										GND	01				TDD			01B			
42072		XA221	03		XA219	07				16B	9		SPI0032	29	LLPT1Q	01	1	TDD	BQ		02A			
41495		XA221	04		XA222	03				16B	9		LXRS0B	02	LLPT1P	01	1	TDD	BP		04A			
40872		XA221	05										LLPT0Q	02	LLPT1I	01	1	TDD	BI		03B			
41017		XA221	06		XA222	06				16B	9		LXRS0A	02	LPRT0Q	01	1	TDD	AP		05A			
40878		XA221	07										LLPT1Q	02	LLPT1Q	00	1	TDD	BQ		03A	LOOP TEST COUNTER		
41985		XA221	08		XA220	08				16B	9		SPI0012	05	LPRT0I	01	1	TDD	AI		06A			
43642		XA221	09									M	LLPT1P	01	LLPT1P	00	1	TDD	BP		04B			
42039		XA221	10		XA220	10				16B	9		SPI0022	25	LPRT0N	01	1	TDD	AN		07A			
40973		XA221	11		XA217	24				16B	9		LPRT0P	01	LPRT0P	00	1	TDD	AP		05B			
40073		XA221	12										+5V	01				TDD						
40978		XA221	13		XA219	64				16B	9		LPRT0Q	01	LPRT0Q	00	1	TDD	AQ		06B	PRINTER TIMEOUT FF		
42122		XA221	14		XA222	14				16B	9		SPI0062	06		01	1	TDD	DN		09A			
40982		XA221	15										LPTOCA	03	LPRT0Q	01	1	TDD	AQ		07B			
40370		XA221	16										GND	01				TDD			20B			
42147		XA221	17		XA222	17				16B	9		SPI0082	06		01	1	TDD	DQ		08B			
42111		XA221	18		XA220	18				16B	9		SPI0052	12		01	1	TDD	DI		10A			
43566		XA221	19										SPO	01		00	1	TDD	DQ		09B			
42136		XA221	20		XA220	20				16B	9		SPI0072	07		01	1	TDD	DP		11A			
43567		XA221	21										SPO	01		00	1	TDD	DP		10B			
42069		XA221	22		XA222	22				16B	9		SPI0032	26		01	1	TDD	CP		12A			
43568		XA221	23										SPO	01		00	1	TDD	CP		11B			
41982		XA221	24		XA222	24				16B	9		SPI0012	02		01	1	TDD	CI		13A			
43569		XA221	25										SPO	01		00	1	TDD	CQ		12B			
42036		XA221	26		XA222	26				16B	9		SPI0022	22		01	1	TDD	CN		14A			
42087		XA221	27		XA220	27				16B	9		SPI0042	14		01	1	TDD	CQ		13B			
40074		XA221	28										+5V	01				TDD						
42034		XA221	29		XA222	29				16B	9		SPI0022	20	LK168Q	01	1	TDD	FQ		14B			
40820		XA221	30		XA223	60				16B	9		LK128A	02	LK168N	01	1	TDD	FN		15A			
40825		XA221	31										LK168Q	02	LK168Q	00	1	TDD	FQ		15B	REQUEST TIMER BIT		
40371		XA221	32										GND	01				TDD			21B			
43634		XA221	33									M	LK168P	01	LK168P	00	1	TDD	FP		16B			
40827		XA221	34		XA220	33				16B	9		LK178P	02	LK168I	01	1	TDD	FI		16A			
40808		XA221	35										LK058P	03	LK058P	00	1	TDD	EP		17B			
40794		XA221	36		XA223	38				16B	9		LKRS1A	02	LK168P	01	1	TDD	EP		17A			
CONNECTOR		XA221	CONTINUED ON THE NEXT PAGE ****																					

RECORD NUMBER	FROM				TO				WIRE			SPEC. INST. WIRE	SIGNAL	SEQ NO	EQUATION	TERM	FACTOR	CKT OR CHIP TYPE	GROUP	LOAD OR POWER PLANE	TEST POINTS AND OR	SIGNAL DESCRIPTION	ECO NO
	PREFIX	CONNECTOR	PIN	SH TO	PREFIX	CONNECTOR	PIN	SH TO	MULTI GROUP	CODE	COLOR												
43623		XA221	37									M	LK05BQ	01	LK05BQ	00	1	TDD	EQ		18B	REQUEST TIMER BIT	
40787		XA221	38		XA222	38				168	9		LKRS0A	02	LK05BP	01	1	TDD	EP		18A		
42006		XA221	39		XA222	39				168	9		SPI0012	26	LK05BQ	01	1	TDD	EQ		19B		
40805		XA221	40										LK04BQ	02	LK05BI	01	1	TDD	ET		19A		
40590		XA221	41		XA222	41				168	9		LAESTO	02	LAE03Q	01	1	TDD	HQ		22B		
40799		XA221	42		XA222	42				168	9		LK03BA	01	LK05BN	01	1	TDD	EN		20A		
40629		XA221	43		XA220	48				168	9		LAE03Q	01	LAE03Q	00	1	TDD	HQ		23B		
40372		XA221	44										GND	01				TDD			27A		
40627		XA221	45		XA226	74				168	9		LAE03P	02	LAE03P	00	1	TDD	HP		24B		
41263		XA221	46		XA222	46				168	9		LXCP1B	11	LAE03N	01	1	TDD	HN		21A		
40608		XA221	47		XA218	07				168	9		LAE00P	02	LAE00P	00	1	TDD	GP		25B		
40624		XA221	48		XA222	43				168	9		LAE02Q	02	LAE03I	01	1	TDD	HI		22A		
40612		XA221	49		XA218	25				168	9		LAE00Q	03	LAE00Q	00	1	TDD	GQ		26B	MAIN TIMING COUNT	
42018		XA221	50		XA221	64				168	9		SPI0022	04	LAE03P	01	1	TDD	HP		23A		
40594		XA221	51		XA220	51				168	9		LAESTO	06	LAE00Q	01	1	TDD	GQ		27B		
42009		XA221	52		XA220	52				168	9		SPI0012	29	LAE00P	01	1	TDD	GP		24A		
40593		XA221	53		XA221	51				168	9		LAESTO	05	LAE14Q	01	1	TDD	KQ		28B		
40633		XA221	54		XA220	45				168	9		LAE04P	02	LAE00I	01	1	TDD	GI		25A		
40670		XA221	55										LAE14Q	02	LAE14Q	00	1	TDD	KQ		29B	MAIN TIMING COUNT	
41260		XA221	56		XA220	56				168	9		LXCP1B	08	LAE00N	01	1	TDD	GN		26A		
40665		XA221	57		XA217	49				168	9		LAE14P	06	LAE14P	00	1	TDD	KP		30B		
40373		XA221	58										GND	01				TDD			40A		
43605		XA221	59									M	LAE11P	01	LAE11P	00	1	TDD	JP		31B		
40541		XA221	60		XA222	60				168	9		LAECPO	02	LAE14N	01	1	TDD	KN		28A		
40645		XA221	61		XA217	31				168	9		LAE11Q	02	LAE11Q	00	1	TDD	JO		32B		
40656		XA221	62		XA222	55				168	9		LAE13Q	04	LAE14I	01	1	TDD	KI		29A		
40597		XA221	63		XA222	63				168	9		LAESTO	09	LAE11Q	01	1	TDD	JO		33B		
42019		XA221	64		XA220	62				168	9		SPI0022	05	LAE14P	01	1	TDD	KP		30A		
41856		XA221	65										LXXDIA	02	LXXDIQ	01	1	TDD	MQ		34B		
42012		XA221	66		XA222	66				168	9		SPI0012	32	LAE11P	01	1	TDD	JP		31A		
40374		XA221	67										GND	01				TDD			40B		
40642		XA221	68		XA222	61				168	9		LAE10Q	01	LAE11I	01	1	TDD	JT		32A		
41857		XA221	69		XA223	71				168	9		LXXDIP	01	LXXDIP	00	1	TDD	MP		35A		
40544		XA221	70		XA220	70				168	9		LAECPO	05	LAE11N	01	1	TDD	JN		33A		
41408		XA221	71		XA222	71				168	9		LXGN3A	01	LXXDII	01	1	TDD	MI		36A		
41844		XA221	72		XA220	72				168	9		LXXC4P	03	LXXDIN	01	1	TDD	MN		34A		
41535		XA221	73		XA220	73				168	9		LXRS0B	42	LXXDIP	01	1	TDD	MP		36B		
43722		XA221	74									M	LXXDIQ	01	LXXDIQ	00	1	TDD	MQ		35B	TOU INPUT INTERRUPT	
41534		XA221	75		XA221	73				168	9		LXRS0B	41	LXXCIP	01	1	TDD	LP		37B		
41812		XA221	76										LXXCIP	03	LXXCIP	00	1	TDD	LP		37A		
41411		XA221	77		XA220	77				168	9		LXGN3A	04	LXXCII	01	1	TDD	LI		38B		
41816		XA221	78		XA237	11				168	9		LXXCIQ	04	LXXCIQ	00	1	TDD	LQ		38A		
41846		XA221	79		XA220	79				168	9		LXXC4P	05	LXXCIN	01	1	TDD	LN		39B		
41808		XA221	80		XA227	72				168	9		LXXCIA	01	LXXCIQ	01	1	TDD	LQ		39A		
41255		XA222	01		XA223	13				168	9		LXCP1B	03	LDMNDN	01	1	TDD	BN		02B		
40375		XA222	02										GND	01				TDD			01B		
41496		XA222	03		XA225	05				168	9		LXRS0B	03	LDMNDQ	01	1	TDD	BQ		02A		
42071		XA222	04		XA221	03				168	9		SPI0032	28	LDMNDP	01	1	TDD	BP		04A		
CONNECTOR		XA222	CONTINUED ON THE NEXT PAGE ****																				

RECORD NUMBER	FROM				TO				WIRE				SPT INST MISC	SIGNAL	SEQ NO	EQUATION	TERM	FACTOR	CKT OR CHIP TYPE	GROUP	LOAD OP POWER PLANE	TEST POINTS AND/OR	SIGNAL DESCRIPTION	E.C.D. NO
	PREFIX	CONNECTOR	PIN	SH/L	PREFIX	CONNECTOR	PIN	SH/L	MULTI GROUP	CODE	COLOR	IDENT												
40727		XA222	05										LDMND0	02	LDMNDI	01	1	TDD	BI		03B			
41018		XA222	06		XA224	75				168	9		LRS0A	03	LPFLTQ	01	1	TDD	AP		05A			
40725		XA222	07										LDMND0	04	LDMNDQ	00	1	TDD	BO		03A	PRINTER REQUEST LI		
41984		XA222	08		XA221	08				168	9		SPI0012	04	LPELTI	01	1	TDD	AI		06A			
43608		XA222	09										LDMNDP	01	LDMNDP	00	1	TDD	BP		04B			
42038		XA222	10		XA221	10				168	9		SPI0022	24	LPFLTN	01	1	TDD	AN		07A			
40955		XA222	11										LPFLTQ	04	LPFLTQ	00	1	TDD	AP		05B			
40075		XA222	12										+5V	01										
40957		XA222	13										LPFLTQ	02	LPFLTQ	00	1	TDD	AQ		06B	LINE PRINTER FAULT		
42123		XA222	14		XA237	60				168	9		SPI0062	07		01	1	TDD	DN		09A			
40948		XA222	15		XA218	18				168	9		LPFLTA	02	LPFLTQ	01	1	TDD	AQ		07B			
40376		XA222	16										GND	01							20B			
42148		XA222	17		XA237	63				168	9		SPI0082	07		01	1	TDD	DO		08B			
42110		XA222	18		XA221	18				168	9		SPI0052	11		01	1	TDD	DI		10A			
43570		XA222	19										SPO	01		00	1	TDD	DO		09B			
42135		XA222	20		XA221	20				168	9		SPI0072	06		01	1	TDD	DP		11A			
43571		XA222	21										SPO	01		00	1	TDD	DP		10B			
42070		XA222	22		XA222	04				168	9		SPI0032	27		01	1	TDD	CP		12A			
43572		XA222	23										SPO	01		00	1	TDD	CP		11B			
41983		XA222	24		XA222	08				168	9		SPI0012	03		01	1	TDD	CI		13A			
43573		XA222	25										SPO	01		00	1	TDD	CQ		12B			
42037		XA222	26		XA222	10				168	9		SPI0022	23		01	1	TDD	CN		14A			
42086		XA222	27		XA221	27				168	9		SPI0042	13		01	1	TDD	CQ		13B			
40076		XA222	28										+5V	01										
42035		XA222	29		XA221	26				168	9		SPI0022	21	LK11BQ	01	1	TDD	FO		14B			
40811		XA222	30										LK068A	03	LK11BN	01	1	TDD	FN		15A			
43629		XA222	31										LK11BQ	01	LK11BQ	00	1	TDD	FO		15B	REQUEST TIMER BIT		
40377		XA222	32										GND	01							21B			
40817		XA222	33		XA234	51				168	9		LK11BP	02	LK11BP	00	1	TDD	FP		16B			
40814		XA222	34		XA220	37				168	9		LK10BQ	01	LK11BI	01	1	TDD	ET		16A			
43622		XA222	35										LK04BP	01	LK04BP	00	1	TDD	EP		17B			
40789		XA222	36		XA223	27				168	9		LKRS0A	04	LK11BP	01	1	TDD	EP		17A			
40804		XA222	37		XA221	40				168	9		LK04BQ	01	LK04BQ	00	1	TDD	EQ		18B	REQUEST TIMER BIT		
40788		XA222	38		XA222	36				168	9		LKRS0A	03	LK04BP	01	1	TDD	EP		18A			
42007		XA222	39		XA222	51				168	9		SPI0012	27	LK04BQ	01	1	TDD	EQ		19B			
40807		XA222	40		XA221	35				168	9		LK05BP	02	LK04BI	01	1	TDD	ET		19A			
40591		XA222	41		XA222	53				168	9		LAEST0	03	LAE02Q	01	1	TDD	HQ		22B			
40800		XA222	42		XA223	63				168	9		LK03BA	02	LK04BN	01	1	TDD	FN		20A			
40625		XA222	43										LAE02Q	03	LAE02Q	00	1	TDD	HQ		23B			
40378		XA222	44										GND	01							27A			
40621		XA222	45		XA232	75				168	9		LAE02P	03	LAE02P	00	1	TDD	HP		24B			
41264		XA222	46		XA223	43				168	9		LXCP1B	12	LAE02N	01	1	TDD	HW		21A			
43640		XA222	47										LK22BP	01	LK22BP	00	1	TDD	GP		25B			
40617		XA222	48		XA220	49				168	9		LAE01Q	02	LAE02I	01	1	TDD	HT		22A			
40834		XA222	49		XA225	77				168	9		LK22BQ	02	LK22BQ	00	1	TDD	GO		26B	REQUEST TIMER BIT		
42017		XA222	50		XA221	50				168	9		SPI0022	03	LAE02P	01	1	TDD	HP		23A			
42008		XA222	51		XA221	52				168	9		SPI0012	28	LK22BQ	01	1	TDD	GO		27B			
40796		XA222	52		XA234	49				168	9		LKRS1A	04	LK22BP	01	1	TDD	GP		24A			
40592		XA222	53		XA221	53				168	9		LAEST0	04	LAE13Q	01	1	TDD	KQ		28B			
40836		XA222	54		XA223	39				168	9		LK229Q	01	LK22BI	01	1	TDD	GT		25A			
CONNECTOR		XA222	CONTINUED ON THE NEXT PAGE ****																					

UNIT ASSEMBLY NAME CARD CAGE ASSY, A, IFCU										T39CIFC6										09-03-82		PAGE 124			
RECORD NUMBER	FROM				TO				WIRE		SPEC. MISC.	SIGNAL	SEQ NO	EQUATION	TERM	FACTOR	CKT OR CHIP TYPE	GROUP	LOAD OR POWER PLANE	TEST POINTS		SIGNAL DESCRIPTION	ECO NO		
	PREFIX	CONNECTOR	PIN	WIRE	PREFIX	CONNECTOR	PIN	WIRE	MULTI GROUP	CODE										COLOR	IDENT			IND	OR
40657		XA222	55			XA217	48					168	9			LAE13Q	05	LAE13Q	00	1	TDD	KQ		29B	
40830		XA222	56													LK18BA	02	LK22BN	01	1	TDD	GN		26A	
43606		XA222	57											M		LAE13P	01	LAE13P	00	1	TDD	KP		30B	
40379		XA222	58													GND	01				TDD			40A	
40640		XA222	59			XA233	69					168	9			LAE10P	02	LAE10P	00	1	TDD	JP		31B	
40542		XA222	60			XA222	70					168	9			LAECPO	03	LAE13N	01	1	TDD	KN		28A	
40643		XA222	61													LAE10Q	02	LAE10Q	00	1	TDD	JQ		32B	MAIN TIMING COUNT
40651		XA222	62			XA220	61					168	9			LAE12Q	01	LAE13I	01	1	TDD	KI		29A	
40598		XA222	63			XA224	60					168	9			LAESTO	10	LAE10Q	01	1	TDD	JQ		33B	
42175		XA222	64			XA227	47					168	9			SPI0132	01	LAE13P	01	1	TDD	KP		30A	
41880		XA222	65													LXXRCA	02	LXXRCQ	01	1	TDD	MQ		34B	
42013		XA222	66			XA246	39					168	9			SPI0012	33	LAE10P	01	1	TDD	JP		31A	
40380		XA222	67													GND	01				TDD			40B	
40664		XA222	68			XA221	57					168	9			LAE14P	05	LAE10I	01	1	TDD	JI		32A	
43724		XA222	69											M		LXXRCP	01	LXXRCP	00	1	TDD	MP		35A	
40543		XA222	70			XA221	70					168	9			LAECPO	04	LAE10N	01	1	TDD	JN		33A	
41409		XA222	71			XA222	77					168	9			LXGN3A	02	LXXRCI	01	1	TDD	MI		36A	
41899		XA222	72													LXXR2P	03	LXXRCN	01	1	TDD	MN		34A	
41532		XA222	73			XA222	75					168	9			LXXRSOB	39	LXXRCP	01	1	TDD	MP		36B	
41884		XA222	74													LXXRCQ	04	LXXRCQ	00	1	TDD	MQ		35B	IOU REQUEST CONTR
41533		XA222	75			XA221	75					168	9			LXXRSOB	40	LXXREP	01	1	TDD	LP		37B	
41887		XA222	76			XA227	79					168	9			LXXREP	01	LXXREP	00	1	TDD	LP		37A	
41410		XA222	77			XA221	77					168	9			LXGN3A	03	LXXREI	01	1	TDD	LI		38B	
43725		XA222	78											M		LXXREQ	01	LXXREQ	00	1	TDD	LQ		38A	IOU REQUEST ENABL
41361		XA222	79			XA224	76					168	9			LXEA0A	01	LXXREN	01	1	TDD	LN		39B	
41890		XA222	80													LXXROP	02	LXXREQ	01	1	TDD	LQ		39A	
40852		XA223	01													LLPF1A	03	LLPF1A	00	1	TQ2	A2		02B	
40381		XA223	02													GND	01				TQ2			01A	
41338		XA223	03			XA226	09					168	9			LXDPEA	01	LCDESO	01	1	TQ2	A3		02A	
40856		XA223	04			XA224	14					168	9			LLPF1S	01	LLPF1A	01	1	TQ2	A2		04A	
41289		XA223	05			XA218	13					168	9			LXCP3B	09	LLPF1A	01	2	TQ2	A2		03B	
40875		XA223	06			XA220	01					168	9			LLPT1A	03	LLPT1A	00	1	TQ2	A1		05A	
41909		XA223	07													LXODEA	02	LCDESO	01	2	TQ2	A3		03A	
40877		XA223	08			XA221	07					168	9			LLPT1Q	01	LLPT1A	01	1	TQ2	A1		06A	
40699		XA223	09			XA224	53					168	9			LCDESO	01	LCDESO	00	1	TQ2	A3		04B	SET COMPUTER DATA
41288		XA223	10			XA223	05					168	9			LXCP3B	08	LLPT1A	01	2	TQ2	A1		07A	
40847		XA223	11			XA224	22					168	9			LLPFOS	01	LLPF2A	01	1	TQ2	A4		05B	
40077		XA223	12													+5V	01				TQ2				
41256		XA223	13			XA224	13					168	9			LXCP1B	04	LLPF2A	01	2	TQ2	A4		06B	
40783		XA223	14			XA224	74					168	9			LINT2A	02	LINT2A	00	1	TQ2	B2		09A	END DEV COMND REQ
40861		XA223	15													LLPF2A	02	LLPF2A	00	1	TQ2	A4		07B	
40382		XA223	16													GND	01				TQ2			01B	
40941		XA223	17			XA241	47					168	9			LPDSCA	02	LPDSCO	01	1	TQ2	B3		08B	
40781		XA223	18													LINT1O	03	LINT2A	01	1	TQ2	B2		10A	
40902		XA223	19			XA241	49					168	9			LPCRSA	02	LPDSCO	01	2	TQ2	B3		09B	
40770		XA223	20													LFRMFP	02	LINT2A	01	2	TQ2	B2		11A	
40944		XA223	21													LPDSCO	02	LPDSCO	00	1	TQ2	B3		10B	
40994		XA223	22													LSNCLA	02	LSNCLA	00	1	TQ2	B1		12A	
CONNECTOR		XA223	CONTINUED ON THE NEXT PAGE ****																						

RECORD NUMBER	FROM			TO			WIRE			SIGNAL	EQ	EQUATION	TER	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.									
40724		XA223	23		XA222	07		168	9			LDMNDO	03	LKRS0A	01	1	TQ2	B4	11B	
41012		XA223	24		XA218	08		168	9			LSNC2S	05	LSNC1A	01	1	TQ2	B1	13A	
42227		XA223	25		XA223	37		168	9			SPI0142	16	LKRS0A	01	2	TQ2	B4	12B	
41287		XA223	26		XA223	10		168	9			LXCP3B	07	LSNC1A	01	2	TQ2	B1	14A	
40790		XA223	27		XA234	35		168	9			LKRS0A	05	LKRS0A	00	1	TQ2	B4	13B	REQUEST LINE TIMER
40078		XA223	28									+5V	01				TQ2			
40551		XA223	29		XA225	53		168	9			LAEN0R	01	LAEN3A	00	1	TQ2	C3	14B	
40557		XA223	30		XA226	60		168	9			LAEN1A	01	LAEN1A	00	1	TQ2	C2	15A	
41259		XA223	31		XA221	56		168	9			LXCP1B	07	LAEN3A	01	2	TQ2	C3	15B	
40383		XA223	32									GND	01				TQ2		20B	
40573		XA223	33		XA225	46		168	9			LAEN3A	01	LAEN3A	00	1	TQ2	C3	16B	
40562		XA223	34		XA225	41		168	9			LAEN1S	01	LAEN1A	01	1	TQ2	C2	16A	
40833		XA223	35		XA222	49		168	9			LK22B0	01	LK2290	01	1	TQ2	C4	17B	
41286		XA223	36		XA223	26		168	9			LXCP3B	06	LAEN1A	01	2	TQ2	C2	17A	
42228		XA223	37		XA223	42		168	9			SPI0142	17	LK2290	01	2	TQ2	C4	18B	
40795		XA223	38		XA222	52		168	9			LKRS1A	03	LKRS1A	00	1	TQ2	C1	18A	
40837		XA223	39									LK2290	02	LK2290	00	1	TQ2	C4	19B	
40723		XA223	40		XA223	23		168	9			LDMNDO	02	LKRS1A	01	1	TQ2	C1	19A	
40567		XA223	41		XA225	51		168	9			LAEN2R	01	LAEN7A	01	1	TQ2	D3	22B	
42229		XA223	42		XA223	50		168	9			SPI0142	18	LKRS1A	01	2	TQ2	C1	20A	
41265		XA223	43		XA223	49		168	9			LXCP1B	13	LAEN7A	01	2	TQ2	D3	23B	
40384		XA223	44									GND	01				TQ2		21B	
40587		XA223	45		XA225	68		168	9			LAEN7A	01	LAEN7A	00	1	TQ2	D3	24B	
40540		XA223	46		XA221	60		168	9			LAECPO	01	LAECPO	00	1	TQ2	D2	21A	MAIN TIMING COUNT
40570		XA223	47		XA225	45		168	9			LAEN2S	01	LAEN6A	01	1	TQ2	D4	25B	
40632		XA223	48		XA221	54		168	9			LAEQ4P	01	LAECPO	01	1	TQ2	D2	22A	
41266		XA223	49		XA226	50		168	9			LXCP1B	14	LAEN6A	01	2	TQ2	D4	26B	
42230		XA223	50		XA224	49		168	9			SPI0142	19	LAECPO	01	2	TQ2	D2	23A	
40586		XA223	51									LAEN6A	02	LAEN6A	00	1	TQ2	D4	27B	
40829		XA223	52		XA222	56		168	9			LK18BA	01	LK18BA	00	1	TQ2	D1	24A	REQUEST TIMER CLOC
40812		XA223	53		XA235	46		168	9			LK06B4U	01	LK06BA	01	1	TQ2	E3	28B	
40831		XA223	54		XA235	62		168	9			LK18B4U	01	LK18BA	01	1	TQ2	D1	25A	
42234		XA223	55		XA223	61		168	9			SPI0142	23	LK06BA	01	2	TQ2	E3	29B	
42233		XA223	56		XA223	55		168	9			SPI0142	22	LK18BA	01	2	TQ2	D1	26A	
40809		XA223	57		XA220	42		168	9			LK06BA	01	LK06BA	00	1	TQ2	E3	30B	REQUEST TIMER CLOC
40385		XA223	58									GND	01				TQ2		27A	
40802		XA223	59		XA234	46		168	9			LK03B4U	01	LK03BA	01	1	TQ2	E4	31B	
40821		XA223	60									LK12BA	03	LK12BA	00	1	TQ2	E2	28A	REQUEST TIMER CLOC
42235		XA223	61		XA223	64		168	9			SPI0142	24	LK03BA	01	2	TQ2	E4	32B	
40822		XA223	62		XA234	62		168	9			LK12B4U	01	LK12BA	01	1	TQ2	E2	29A	
40801		XA223	63									LK03BA	03	LK03BA	00	1	TQ2	E4	33B	REQUEST TIMER CLOC
42236		XA223	64		XA224	64		168	9			SPI0142	25	LK12BA	01	2	TQ2	E2	30A	
41835		XA223	65		XA230	48		168	9			LXXC20	02	LXSK0A	01	1	TQ2	F3	34B	
40583		XA223	66		XA225	47		168	9			LAEN5A	02	LAEN5A	00	1	TQ2	E1	31A	
40386		XA223	67									GND	01				TQ2		40A	
40577		XA223	68		XA224	66		168	9			LAEN3S	01	LAEN5A	01	1	TQ2	E1	32A	
41645		XA223	69		XA228	35		168	9			LXSK0A	01	LXSK0A	00	1	TQ2	F3	35A	
41293		XA223	70		XA225	79		168	9			LXCP3B	13	LAEN5A	01	2	TQ2	E1	33A	
41858		XA223	71		XA225	78		168	9			LXX0IP	02	LXDBS0	01	1	TQ2	F2	36A	
41307		XA223	72									LXDBS0	03	LXDBS0	00	1	TQ2	F2	34A	INPUT MUX STATUS
CONNECTOR	XA223	CONTINUED ON THE NEXT PAGE ***																		

CARD CAGE ASSYA, IFCU														T39C1FC6				09-03-82		126	
RECORD NUMBER	FROM			TO				WIRE			SIGNAL	SEC NO	EQUATION	TERM	FACTORS	CKT OR CHIP TYPE	GROUP	LOAD OR POWER PLANE	TEST POINTS AND/OR	SIGNAL DESCRIPTION	ECO NO
	PREFIX	CONNECTOR	PIN	PREFIX	CONNECTOR	PIN	SIZE	MULTI GROUP	CODE	COLOR											
41875		XA223	73		XA226	70			168	9		LXXDSP	02	LXDBSD	01	2	TQ2	F2		36B	
41839		XA223	74									LXXC3P	02	LXSKDA	01	2	TQ2	F3		35B	
40777		XA223	75		XA217	62			168	9		LINT1A	03	LINT1A	00	1	TQ2	F1		37B	END OF DEV COMMAND
41834		XA223	76		XA223	65			168	9		LXXC20	01	LXXCSA	01	1	TQ2	F4		37A	
40780		XA223	77		XA223	18			168	9		LINT10	02	LINT1A	01	1	TQ2	F1		38B	
41849		XA223	78									LXXC40	02	LXXCSA	01	2	TQ2	F4		38A	
42239		XA223	79		XA224	79			168	9		SPI0142	28	LINT1A	01	2	TQ2	F1		39B	
41826		XA223	80									LXXCSA	02	LXXCSA	00	1	TQ2	F4		39A	IOU INPUT STROBE
40870		XA224	01									LLPTBS	02	LLPTBS	00	1	TQ2	A2		02B	LOOP TEST BUSY F/F
40387		XA224	02									GND	01				TQ2			01A	
40989		XA224	03									LSNCOR	03	LSNCOS	01	1	TQ2	A3		02A	
40866		XA224	04		XA225	07			168	9		LLPTBR	01	LLPTBS	01	1	TQ2	A2		04A	
41917		XA224	05		XA220	03			168	9		LX000A	05	LLPTBS	01	2	TQ2	A2		03B	
40881		XA224	06		XA225	06			168	9		LLPT2S	01	LLPT2S	00	1	TQ2	A1		05A	LOOP TEST WAIT FOR
41022		XA224	07		XA228	21			168	9		LSYNIA	01	LSNCOS	01	2	TQ2	A3		03A	
40880		XA224	08									LLPT2R	02	LLPT2S	01	1	TQ2	A1		06A	
40991		XA224	09		XA225	09			168	9		LSNCOS	02	LSNCOS	00	1	TQ2	A3		04B	DEV SYNC COUNTER
40874		XA224	10		XA223	06			168	9		LLPT1A	02	LLPT2S	01	2	TQ2	A1		07A	
40846		XA224	11									LLPF0R	03	LLPF3A	01	1	TQ2	A4		05B	
40079		XA224	12									+5V	01				TQ2				
41257		XA224	13		XA224	25			168	9		LXCP1B	05	LLPF3A	01	2	TQ2	A4		06B	
40857		XA224	14		XA225	14			168	9		LLPF1S	02	LLPF1S	00	1	TQ2	B2		09A	FORM FEED COUNTER
40863		XA224	15									LLPF3A	02	LLPF3A	00	1	TQ2	A4		07B	
40388		XA224	16									GND	01				TQ2			01B	
40688		XA224	17		XA225	27			168	9		LBUSYR	02	LBUSYS	01	1	TQ2	B3		08B	
40853		XA224	18		XA225	19			168	9		LLPF1R	01	LLPF1S	01	1	TQ2	B2		10A	
40683		XA224	19									LBSY0A	02	LBUSYS	01	2	TQ2	B3		09B	
40860		XA224	20		XA223	15			168	9		LLPF2A	01	LLPF1S	01	2	TQ2	B2		11A	
40693		XA224	21		XA218	10			168	9		LBUSYS	03	LBUSYS	00	1	TQ2	B3		10B	HARDWARE BUSY F/F
40848		XA224	22		XA225	22			168	9		LLPF0S	02	LLPF0S	00	1	TQ2	B1		12A	FORM FEED COUNTER
40995		XA224	23		XA224	40			168	9		LSNC1R	01	LSNC3A	01	1	TQ2	B4		11B	
40845		XA224	24		XA224	11			168	9		LLPF0R	02	LLPF0S	01	1	TQ2	B1		13A	
41258		XA224	25		XA223	31			168	9		LXCP1B	06	LSNC3A	01	2	TQ2	B4		12B	
40843		XA224	26									LLPF0A	02	LLPF0S	01	2	TQ2	B1		14A	
41015		XA224	27									LSNC3A	02	LSNC3A	00	1	TQ2	B4		13B	
40080		XA224	28									+5V	01				TQ2				
40600		XA224	29		XA225	39			168	9		LAE0BR	01	LAE0BS	01	1	TQ2	C3		14B	
41011		XA224	30		XA223	24			168	9		LSNC2S	04	LSNC2S	00	1	TQ2	C2		15A	DEV SYNC COUNTER
40538		XA224	31		XA226	76			168	9		LAE00A	01	LAE0BS	01	2	TQ2	C3		15B	
40389		XA224	32									GND	02				TQ2			20B	
40604		XA224	33									LAE0BS	02	LAE0BS	00	1	TQ2	C3		16B	EOB RECEIVED ON
41006		XA224	34		XA217	60			168	9		LSNC2R	02	LSNC2S	01	1	TQ2	C2		16A	
41921		XA224	35		XA233	45			168	9		LX0FRS	01	LX0DRA	01	1	TQ2	C4		17B	
41002		XA224	36		XA225	57			168	9		LSNC2A	01	LSNC2S	01	2	TQ2	C2		17A	
41785		XA224	37		XA226	25			168	9		LXXB10	01	LX0DRA	01	2	TQ2	C4		18B	
41000		XA224	38		XA218	14			168	9		LSNC1S	03	LSNC1S	00	1	TQ2	C1		18A	DEV SYNC COUNTER
41910		XA224	39		XA225	59			168	9		LX0DRA	01	LX0DRA	00	1	TQ2	C4		19B	OFR RESET
40996		XA224	40		XA225	36			168	9		LSNC1R	02	LSNC1S	01	1	TQ2	C1		19A	
CONNECTOR		XA224	CONTINUED ON THE NEXT PAGE ****																		

RECORD NUMBER	FROM			TO			WIRE			SPEC. PART NO.	SIGNAL	SEG NO	EQUATION	TERM	FAC	CAT OR CHIP TYPE	GNDP	LOAD OR POWER PLANE	TEST POINTS AND/OR	SIGNAL DESCRIPTION	ECO NO
	PREFIX	CONNECTOR	PIN	PREFIX	CONNECTOR	PIN	SIZE	MULTI-GROUP	CODE												
41663		XA224	41		XA230	37			168	9		LXST1Q	01	LXST1A	01	1	TQ2	D3	22B		
40985		XA224	42		XA217	59			168	9		LSNCOA	01	LSNC1S	01	2	TQ2	C1	20A		
41285		XA224	43		XA223	36			168	9		LXCP3B	05	LXST1A	01	2	TQ2	D3	23B		
40390		XA224	44									GND	01				TQ2		21B		
41660		XA224	45		XA229	42			168	9		LXST1A	01	LXST1A	00	1	TQ2	D3	24B		
40564		XA224	46									LAEN1S	03	LAEN1S	00	1	TQ2	D2	21A	PRINT COMMAND COUN	
40893		XA224	47		XA219	78			168	9		LPBZY0	02	LBUSYA	01	1	TQ2	D4	25B		
40561		XA224	48									LAEN1R	02	LAEN1S	01	1	TQ2	D2	22A		
42231		XA224	49		XA224	55			168	9		SPI0142	20	LBUSYA	01	2	TQ2	D4	26B		
40581		XA224	50									LAEN4A	02	LAEN1S	01	2	TQ2	D2	23A		
40686		XA224	51									LBUSYA	03	LBUSYA	00	1	TQ2	D4	27B	HARDWARE BUSY WHEN	
40673		XA224	52		XA225	52			168	9		LAOENS	01	LAOENS	00	1	TQ2	D1	24A	AUTO OUTPUT ENABLE	
40700		XA224	53									LCDESO	02	LCDESA	01	1	TQ2	E3	28B		
40672		XA224	54									LAOENR	02	LAOENS	01	1	TQ2	D1	25A		
42232		XA224	55		XA223	56			168	9		SPI0142	21	LCDESA	01	2	TQ2	E3	29B		
40548		XA224	56		XA225	60			168	9		LAENQA	01	LAOENS	01	2	TQ2	D1	26A		
40697		XA224	57		XA220	15			168	9		LCDESA	01	LCDESA	00	1	TQ2	E3	30B		
40391		XA224	58									GND	01				TQ2		27A		
40959		XA224	59									LPFLTOX	02	LPFLTA	01	1	TQ2	E4	31B		
40599		XA224	60									LAESTO	11	LAESTO	00	1	TQ2	E2	28A	RESET MAIN TIMING	
40946		XA224	61									LPFLTA	02	LPFLTA	01	2	TQ2	E4	32B		
40546		XA224	62		XA220	55			168	9		LAENCQ	01	LAESTO	01	1	TQ2	E2	29A		
40947		XA224	63		XA222	15			168	9		LPFLTA	01	LPFLTA	00	1	TQ2	E4	33B	SET PRINTER FAULT	
42237		XA224	64		XA224	78			168	9		SPI0142	26	LAESTO	01	2	TQ2	E2	30A		
41864		XA224	65		XA226	19			168	9		LXXDIR	02	LXXDIS	01	1	TQ2	F3	34B		
40578		XA224	66		XA225	66			168	9		LAEN3S	02	LAEN3S	00	1	TQ2	F1	31A	PRINT COMMAND COUN	
40392		XA224	67									GND	01				TQ2		40A		
40575		XA224	68		XA225	64			168	9		LAEN3R	01	LAEN3S	01	1	TQ2	F1	32A		
41866		XA224	69		XA225	69			168	9		LXXDIS	01	LXXDIS	00	1	TQ2	F3	35A	INTERRUPT WAIT FOR	
40585		XA224	70		XA223	51			168	9		LAEN6A	01	LAEN3S	01	2	TQ2	F1	33A		
41354		XA224	71									LXDV1A	02	LXDV10	01	1	TQ2	F2	36A		
41355		XA224	72		XA228	19			168	9		LXDV10	01	LXDV10	00	1	TQ2	F2	34A	DEV COMMAND DATA	
42241		XA224	73		XA227	73			168	9		SPI0142	30	LXDV10	01	2	TQ2	F2	36B		
40784		XA224	74		XA233	70			168	9		LINTZA	03	LXXDIS	01	2	TQ2	F3	35B		
41019		XA224	75									LSRSOA	04	LSRSOA	00	1	TQ2	F1	37B		
41362		XA224	76		XA226	11			168	9		LXEAQA	02	LXEAQA	01	1	TQ2	F4	37A		
41021		XA224	77									LSRS00	02	LSRSOA	01	1	TQ2	F1	38B		
42238		XA224	78		XA223	79			168	9		SPI0142	27	LXEAQA	01	2	TQ2	F4	38A		
42240		XA224	79		XA224	73			168	9		SPI0142	29	LSRSOA	01	2	TQ2	F1	39B		
41367		XA224	80									LXEAQA	03	LXEAQA	00	1	TQ2	F4	39A		
40869		XA225	01		XA224	01			168	9		LLPTBS	01	LLPTBR	01	1	TT3	A2	02B		
40393		XA225	02									GND	01				TT3		01B		
41851		XA225	03		XA225	08			168	9		LXXDDP	02	LLPTBR	01	2	TT3	A2	02A		
40879		XA225	04		XA224	08			168	9		LLPT2R	01	LLPT2R	00	1	TT3	A1	04A		
41497		XA225	05		XA225	13			168	9		LXRS0B	04	LLPTBR	01	3	TT3	A2	03B		
40882		XA225	06		XA228	65			168	9		LLPT2S	02	LLPT2R	01	1	TT3	A1	05A		
40867		XA225	07		XA226	20			168	9		LLPTBR	02	LLPTBR	00	1	TT3	A2	03A		
41852		XA225	08		XA226	66			168	9		LXXDDP	03	LLPT2R	01	2	TT3	A1	06A		
CONNECTOR		XA225	CONTINUED ON THE NEXT PAGE ***																		

RECORD NUMBER	FROM				TO				WIRE				SIGNAL	SEQ NO	EQUATION	TERM	FACT	CKT OR CHIP TYPE	GROUP	LOAD OR POWER PLANE	TEST POINTS AND OR	SIGNAL DESCRIPTION	ECO NO
	PREFIX	CONNECTOR	PIN	SH FT	PREFIX	CONNECTOR	PIN	SH FT	MULTI GROUP	CODE	COLOR	IDENT											
40992		XA225	09			XA225	18			16B	9		LSNC0S	03	LSNCOR	01	1	TT3	A3		04B		
41519		XA225	10			XA225	18			16B	9		LXRSOB	26	LLPT2R	01	3	TT3	A1		07A		
40775		XA225	11			XA225	23			16B	9		LINT1A	01	LSNCOR	01	2	TT3	A3		05B		
40081		XA225	12										+5V	01				TT3					
41498		XA225	13			XA225	34			16B	9		LXRSOB	05	LSNCOR	01	3	TT3	A3		06B		
40858		XA225	14			XA241	48			16B	9		LLPF1S	03	LLPF1R	01	1	TT3	B2		09A		
40988		XA225	15			XA224	03			16B	9		LSNCOR	02	LSNCOR	00	1	TT3	A3		07B		
40394		XA225	16										GND	01				TT3			21B		
40862		XA225	17			XA224	15			16B	9		LLPF3A	01	LLPF1R	01	2	TT3	B2		08B		
41520		XA225	18			XA225	26			16B	9		LXRSOB	27	LLPF1R	01	3	TT3	B2		10A		
40854		XA225	19			XA241	35			16B	9		LLPF1R	02	LLPF1R	00	1	TT3	B2		09B		
40844		XA225	20			XA224	24			16B	9		LLPF0R	01	LLPF0R	00	1	TT3	B1		17A		
40692		XA225	21			XA224	21			16B	9		LBUSYS	02	LBUSYR	01	1	TT3	B3		10B		
40849		XA225	22										LLPF0S	03	LLPF0R	01	1	TT3	B1		12A		
40776		XA225	23			XA223	75			16B	9		LINT1A	02	LBUSYR	01	2	TT3	B3		11B		
40851		XA225	24			XA223	01			16B	9		LLPF1A	02	LLPF0R	01	2	TT3	B1		13A		
41522		XA225	25			XA225	37			16B	9		LXRSOB	29	LBUSYR	01	3	TT3	B3		12B		
41521		XA225	26			XA225	25			16B	9		LXRSOB	28	LLPF0R	01	3	TT3	B1		14A		
40689		XA225	27			XA233	71			16B	9		LBUSYR	03	LBUSYR	00	1	TT3	B3		13B		
40082		XA225	28										+5V	01				TT3					
41010		XA225	29			XA224	30			16B	9		LSNC2S	03	LSNC2R	01	1	TT3	C2		14B		
41014		XA225	30			XA224	27			16B	9		LSNC3A	01	LSNC2R	01	2	TT3	C2		15A		
41005		XA225	31			XA224	34			16B	9		LSNC2R	01	LSNC2R	00	1	TT3	C2		15B		
40395		XA225	32										GND	01				TT3			27A		
40603		XA225	33			XA224	33			16B	9		LAEOBS	01	LAEOBR	01	1	TT3	C3		16B		
41499		XA225	34			XA229	36			16B	9		LXRSOB	06	LSNC2R	01	3	TT3	C2		16A		
40537		XA225	35										LAEBRA	02	LAEOBR	01	2	TT3	C3		17B		
40997		XA225	36										LSNC1R	03	LSNC1R	00	1	TT3	C1		17A		
41523		XA225	37			XA225	42			16B	9		LXRSOB	30	LAEOBR	01	3	TT3	C3		18B		
40999		XA225	38			XA224	38			16B	9		LSNC1S	02	LSNC1R	01	1	TT3	C1		18A		
40601		XA225	39			XA233	75			16B	9		LAEOBR	02	LAEOBR	00	1	TT3	C3		19B		
40993		XA225	40			XA223	22			16B	9		LSNC1A	01	LSNC1R	01	2	TT3	C1		19A		
40563		XA225	41			XA224	46			16B	9		LAEN1S	02	LAEN1R	01	1	TT3	D2		22B		
41524		XA225	42			XA225	48			16B	9		LXRSOB	31	LSNC1R	01	3	TT3	C1		20A		
40560		XA225	43			XA224	48			16B	9		LAEN1R	01	LAEN1R	00	1	TT3	D2		23B		
40396		XA225	44										GND	01				TT3			40A		
40571		XA225	45			XA233	55			16B	9		LAEN2S	02	LAEN2R	01	1	TT3	D3		24B		
40574		XA225	46										LAEN3A	02	LAEN1R	01	2	TT3	D2		21A		
40584		XA225	47										LAEN5A	03	LAEN2R	01	2	TT3	D3		25B		
41525		XA225	48			XA225	49			16B	9		LXRSOB	32	LAEN1R	01	3	TT3	D2		22A		
41526		XA225	49			XA225	56			16B	9		LXRSOB	33	LAEN2R	01	3	TT3	D3		26B		
40671		XA225	50			XA224	54			16B	9		LAOENR	01	LAOENR	00	1	TT3	D1		23A		
40568		XA225	51			XA233	53			16B	9		LAEN2R	02	LAEN2R	00	1	TT3	D3		27B		
40674		XA225	52			XA226	62			16B	9		LAOENS	02	LAOENR	01	1	TT3	D1		24A		
40552		XA225	53			XA226	57			16B	9		LAENOR	02	LAENOS	01	1	TT3	E2		28B		
40680		XA225	54			XA232	76			16B	9		LAOERA	01	LAOENR	01	2	TT3	D1		25A		
40556		XA225	55										LAENOS	03	LAENOS	00	1	TT3	E2		29B	PRINT COMMAND COUN	
41527		XA225	56			XA225	61			16B	9		LXRSOB	34	LAOENR	01	3	TT3	D1		26A		
41003		XA225	57			XA227	46			16B	9		LSNC2A	02	LSRS00	01	1	TT3	E3		30B		
40397		XA225	58										GND	01				TT3			40B		
CONNECTOR XA225 CONTINUED ON THE NEXT PAGE ****																							

RECORD NUMBER	FROM				TO				WIRE				SIGNAL	SEQ NO	EQUATION	TERM	FACTOR	CHK OR CHIP TYPE	GROUP	LOAD OR POWER PLANE	TEST POINTS AND/OR	SIGNAL DESCRIPTION	ECO NO
	PREFIX	CONNECTOR	PIN	SH/6	PREFIX	CONNECTOR	PIN	SH/6	MULTI GROUP	CODE	COLOR	IDENT											
41911		XA225	59		XA227	59			168	9			LXODRA	02	LSRS00	01	2	TT3	E3		31B		
40549		XA225	60		XA226	47			168	9			LAEN0A	02	LAEN0S	01	2	TT3	E2		28A		
41528		XA225	61		XA227	61			168	9			LXRS0B	35	LSRS00	01	3	TT3	E3		32B		
40566		XA225	62										LAEN2A	02	LAEN0S	01	3	TT3	E2		29A		
41020		XA225	63		XA224	77			168	9			LSRS00	01	LSRS00	00	1	TT3	E3		33B	RESET ERROR REGISTER	
40576		XA225	64										LAEN3R	02	LAEN3R	00	1	TT3	F1		30A		
41024		XA225	65										LSYN1A	03	LXXC10	01	1	TT3	F2		34B		
40579		XA225	66										LAEN3S	03	LAEN3R	01	1	TT3	F1		31A		
40398		XA225	67										GND	01				TT3					
40588		XA225	68										LAEN7A	02	LAEN3R	01	2	TT3	F1		32A		
41867		XA225	69		XA227	65			168	9			LXXDIS	02	LXXDIR	01	1	TT3	F3		35A		
41531		XA225	70		XA222	73			168	9			LXRS0B	38	LAEN3R	01	3	TT3	F1		33A		
41652		XA225	71		XA232	18			168	9			LXSS0A	01	LXXC10	01	2	TT3	F2		36A		
41916		XA225	72		XA224	05			168	9			LX000A	04	LXXC10	01	3	TT3	F2		34A		
40981		XA225	73		XA221	15			168	9			LPTOCA	02	LPTOCA	00	1	TT3	F1		36B	SET PRINTER TIME	
41818		XA225	74										LXXC10	02	LXXC10	00	1	TT3	E2		35B	INDICATOR INPUT	
40677		XA225	75		XA219	72			168	9			LAOENS	05	LPTOCA	01	1	TT3	F1		37B		
41422		XA225	76		XA238	66			168	9			LXINHR	01	LXXDIR	01	2	TT3	F3		37A		
40835		XA225	77										LK22B0	03	LPTOCA	01	2	TT3	F1		38B		
41859		XA225	78		XA226	68			168	9			LXXDIP	03	LXXDIR	01	3	TT3	E3		38A		
41294		XA225	79		XA226	79			168	9			LXCP3B	14	LPTOCA	01	3	TT3	F1		39B		
41863		XA225	80		XA224	65			168	9			LXXDIR	07	LXXDIR	00	1	TT3	F3		39A		
40965		XA226	01		XA226	22			168	9			LPRNTQ	01	LXDPEA	01	1	TD4	A2		02B		
40399		XA226	02										GND	01				TD4			01A		
40161		XA226	03										DNW	01				TD4					
41383		XA226	04		XA226	24			168	9			LXENAS	01	LXDPEA	01	2	TD4	A2		04A		
41570		XA226	05										LXROPPR	04	LXDPEA	01	3	TD4	A2		03B		
41039		XA226	06		XA236	63			168	9			LXADRO	01	LXEAOA	01	1	TD4	A1		05A		
41747		XA226	07		XA226	26			168	9			LXXA50	01	LXDPEA	01	4	TD4	A2		03A		
41470		XA226	08										LXRENS	03	LXEAOA	01	2	TD4	A1		06A		
41339		XA226	09										LXDPEA	02	LXDPEA	00	1	TD4	A2		04B	AUTO OUTPUT COMND	
41905		XA226	10		XA238	78			168	9			LXX050	01	LXEAOA	01	3	TD4	A1		07A		
41363		XA226	11		XA236	19			168	9			LXEAOA	03	LXEAOA	00	1	TD4	A1		05B	SET ENABLE ADDRESS	
40083		XA226	12										+5V	01				TD4					
41563		XA226	13		XA232	37			168	9			LXROPA	02	LXEAOA	01	4	TD4	A1		06B		
40987		XA226	14		XA225	15			168	9			LXNCOR	01	LPBZY0	01	1	TD4	B2		09A		
40162		XA226	15										DNW	01				TD4					
40400		XA226	16										GND	01				TD4			20B		
40163		XA226	17										DNW	01				TD4					
40782		XA226	18		XA223	14			168	9			LINT2A	01	LPBZY0	01	2	TD4	B2		10A		
41865		XA226	19										LXXDIR	03	LPBZY0	01	3	TD4	B2		09B		
40868		XA226	20										LLPTBR	03	LPBZY0	01	4	TD4	B2		11A		
40892		XA226	21		XA224	47			168	9			LPBZY0	01	LPBZY0	00	1	TD4	B2		10B	HARWARE BUSY WHEN	
40966		XA226	22		XA229	31			168	9			LPRNTQ	02	LXED0A	01	1	TD4	B1		12A		
41380		XA226	23										LXED0A	04	LXED0A	00	1	TD4	B1		11B	AUTO OUTPUT DATA	
41384		XA226	24		XA236	21			168	9			LXENAS	02	LXED0A	01	2	TD4	B1		13A		
41786		XA226	25		XA232	04			168	9			LXXB10	02	LXED0A	01	3	TD4	B1		12B		
41748		XA226	26		XA233	37			168	9			LXXA50	02	LXED0A	01	4	TD4	B1		14A		
CONNECTOR		XA226	CONTINUED ON THE NEXT PAGE ****																				

RECORD NUMBER	FROM			TO			WIRE				SIGNAL	SEQ NO	EQUATION	TERM	FACTOR	CKT OR CHIP TYPE	GROUP	LOAD OR POWER PLANE	TEST POINTS AND/OR	SIGNAL DESCRIPTION	FCO NO
	PREFIX	CONNECTOR	PIN	PREFIX	CONNECTOR	PIN	DR PG	MULTI GROUP	CODE	COLOR											
40164		XA226	27									DNW	01			TD4					
40084		XA226	28									+5V	01			TD4					
40165		XA226	29									DNW	01			TD4					
41242		XA226	30									LXCA10	07	LXOROA	01 1	TD4	C2		15A		
41324		XA226	31		XA227	24			16B	9		LXDEVA	01	LXOROA	01 2	TD4	C2		15B		
40401		XA226	32									GND	01			TD4			21B		
41932		XA226	33									LXOROA	02	LXOROA	00 1	TD4	C2		16B	COMMAND IS OFR	
41927		XA226	34									LXDFRO	02	LXOROA	01 3	TD4	C2		16A		
41351		XA226	35		XA236	36			16B	9		LXDVOA	01	LXDVOA	00 1	TD4	C1		17B	SET DEVICE COMMAND	
40684		XA226	36		XA226	42			16B	9		LBUSYA	01	LXOROA	01 4	TD4	C2		17A		
41241		XA226	37		XA226	30			16B	9		LXCA10	06	LXDVOA	01 1	TD4	C1		18B		
41335		XA226	38		XA227	22			16B	9		LXDEVO	01	LXDVOA	01 2	TD4	C1		18A		
40166		XA226	39									DNW	01			TD4					
41345		XA226	40									LXDVCO	03	LXDVOA	01 3	TD4	C1		19A		
40167		XA226	41									DNW	01			TD4					
40685		XA226	42		XA224	51			16B	9		LBUSYA	02	LXDVOA	01 4	TD4	C1		20A		
40554		XA226	43		XA226	55			16B	9		LAENOS	01	LAEN4A	01 1	TD4	D2		23B		
40402		XA226	44									GND	01			TD4			27A		
40580		XA226	45		XA224	50			16B	9		LAEN4A	01	LAEN4A	00 1	TD4	D2		24B		
40722		XA226	46		XA223	40			16B	9		LDMNDQ	01	LAEN4A	01 2	TD4	D2		21A		
40550		XA226	47									LAENOA	03	LAENOA	00 1	TD4	D1		25B	START PRINT COMAND	
40976		XA226	48		XA233	79			16B	9		LPRTOP	04	LAEN4A	01 3	TD4	D2		22A		
40968		XA226	49		XA226	75			16B	9		LPRNTQ	04	LAENOA	01 1	TD4	D1		26B		
41267		XA226	50		XA227	50			16B	9		LXCP1B	15	LAEN4A	01 4	TD4	D2		23A		
40168		XA226	51									DNW	01			TD4					
41009		XA226	52		XA225	29			16B	9		LSNC2S	02	LAENOA	01 2	TD4	D1		24A		
40169		XA226	53									DNW	01			TD4					
40691		XA226	54		XA225	21			16B	9		LBUSYS	01	LAENOA	01 3	TD4	D1		25A		
40555		XA226	55		XA225	55			16B	9		LAENOS	02	LAENOR	01 1	TD4	E2		29B		
41296		XA226	56		XA232	66			16B	9		LXCP3B	16	LAENOA	01 4	TD4	D1		26A		
40553		XA226	57									LAENOR	03	LAENOR	00 1	TD4	E2		30B		
40403		XA226	58									GND	01			TD4			40A		
41819		XA226	59		XA229	52			16B	9		LXXCRO	01	LXXCRO	00 1	TD4	E1		31B	IOU INPUT STROBE	
40558		XA226	60		XA233	66			16B	9		LAENIA	02	LAENOR	01 2	TD4	E2		28A		
41811		XA226	61		XA221	76			16B	9		LXXCIP	02	LXXCRO	01 1	TD4	E1		32B		
40675		XA226	62		XA226	77			16B	9		LAENS	03	LAENOR	01 3	TD4	E2		29A		
40170		XA226	63									DNW	01			TD4					
41530		XA226	64		XA225	70			16B	9		LXRSOB	37	LAENOR	01 4	TD4	E2		30A		
40171		XA226	65									DNW	01			TD4					
41853		XA226	66		XA220	76			16B	9		LXXDDP	04	LXXCRO	01 2	TD4	E1		31A		
40404		XA226	67									GND	01			TD4			40B		
41860		XA226	68		XA233	59			16B	9		LXXDIP	04	LXXCRO	01 3	TD4	E1		32A		
40536		XA226	69		XA225	35			16B	9		LAEBRA	01	LAEBRA	00 1	TD4	F2		35A	RESET EOB F/F	
41876		XA226	70		XA233	61			16B	9		LXXOSP	03	LXXCRO	01 4	TD4	E1		33A		
40655		XA226	71		XA221	62			16B	9		LAE13Q	03	LAEBRA	01 1	TD4	F2		36A		
40663		XA226	72		XA222	68			16B	9		LAE14P	04	LAEBRA	01 2	TD4	F2		34A		
40623		XA226	73		XA221	48			16B	9		LAE02Q	01	LAEBRA	01 3	TD4	F2		36B		
40628		XA226	74									LAE03P	03	LAEBRA	01 4	TD4	F2		35B		
40969		XA226	75		XA217	43			16B	9		LPRNTQ	05	LAE0A	01 1	TD4	F1		37B		
40539		XA226	76									LAE0A	02	LAE0A	00 1	TD4	F1		37A	SET FOR F/F	
CONNECTOR		XA226	CONTINUED ON THE NEXT PAGE ****																		

UNIT ASSEMBLY NAME CARD CAGE ASSY, A, IFCU										T39C1FC6					09-03-82		131				
RECORD NUMBER	FROM			TO			WIRE				SIGNAL	SEQ NO	EQUATION	TERM	FACTOR	CKT OR CH.P. TYPE	GROUP	LOAD OP. POWER PLANE	TEST POINTS AND/OR	SIGNAL DESCRIPTION	P.C. NO
	PREFIX	CONNECTOR	PIN	PREFIX	CONNECTOR	PIN	SIZE	MULTI GROUP	CODE	COLOR											
40676		XA226	77		XA225	75			16B	9		LAOENS	04	LAEBOA	01	2	TD4	F1		38B	
41374		XA226	78		XA228	41			16B	9		LXER1Q	01	LAEBOA	01	3	TD4	F1		38A	
41295		XA226	79		XA226	56			16B	9		LXCP3B	15	LAEBOA	01	4	TD4	F1		39B	
40172		XA226	80									DNH	01								
41281		XA227	01		XA227	09			16B	9		LXCP30	01	LXCP3B	01	1	TQ2	A2		02B	CLOCK PHASE 3 BUS
41300		XA227	01									LXCP30	01	LXCP30	00	1	TQ2	A2		02B	LXCP3B BUSS
40405		XA227	02									GND	01				TQ2			01A	
41278		XA227	03		XA227	04			16B	9		LXCP3A	01	LXCP40	01	1	TQ2	A3		02A	
41279		XA227	04		XA228	14			16B	9		LXCP3A	02	LXCP30	01	1	TQ2	A2		04A	
42215		XA227	05		XA227	07			16B	9		SPIO142	04	LXCP30	01	2	TQ2	A2		03B	
41490		XA227	06									LXRRSA	12	LXRRSA	00	1	TQ2	A1		05A	RESET IOU INPUT RE
42216		XA227	07		XA227	19			16B	9		SPIO142	05	LXCP40	01	2	TQ2	A3		03A	
41491		XA227	08		XA228	06			16B	9		LXRRSA	01	LXRRSA	01	1	TQ2	A1		06A	
41282		XA227	09		XA228	25			16B	9		LXCP40	02	LXCP3B	01	2	TQ2	A3		04B	CLOCK PHASE 3 BUS
41301		XA227	09									LXCP40	01	LXCP40	00	1	TQ2	A3		04B	LXCP3B BUSS
42212		XA227	10		XA228	07			16B	9		SPIO142	01	LXRRSA	01	2	TQ2	A1		07A	
41934		XA227	11									LX1MAP	02	LXCP1A	01	1	TQ2	A4		05B	
40085		XA227	12									+5V	01				TQ2				
41941		XA227	13		XA230	31			16B	9		LX1MBQ	01	LXCP1A	01	2	TQ2	A4		06B	
41025		XA227	14		XA228	17			16B	9		LSYN10	01	LSYN10	00	1	TQ2	R2		09A	
41252		XA227	15									LXCP1A	04	LXCP1A	00	1	TQ2	A4		07B	PHASE 1 OF 2 PHASE
40406		XA227	16									GND	01				TQ2			01B	
41450		XA227	17		XA227	18			16B	9		LXRAF6T	01	LFRMF0	01	1	TQ2	B3		08B	
41451		XA227	18		XA235	09			16B	9		LXRAF6T	02	LSYN10	01	1	TQ2	B2		10A	
42217		XA227	19		XA227	36			16B	9		SPIO142	06	LFRMF0	01	2	TQ2	B3		09B	
41454		XA227	20		XA227	23			16B	9		LXRAF7T	02	LSYN10	01	2	TQ2	B2		11A	
40773		XA227	21		XA231	40			16B	9		LFRMF0	01	LFRMF0	00	1	TQ2	B3		10B	
41336		XA227	22		XA233	11			16B	9		LXDEV0	02	LXDEV0	00	1	TQ2	B1		12A	
41455		XA227	23									LXRAF7T	03	LPRNT0	01	1	TQ2	B4		11B	
41325		XA227	24		XA228	38			16B	9		LXDEV0	02	LXDEV0	01	1	TQ2	B1		13A	
42226		XA227	25		XA223	25			16B	9		SPIO142	15	LPRNT0	01	2	TQ2	B4		12B	
42225		XA227	26		XA227	25			16B	9		SPIO142	14	LXDEV0	01	2	TQ2	B1		14A	
40972		XA227	27									LPRNT0	02	LPRNT0	00	1	TQ2	B4		13B	
40086		XA227	28									+5V	01				TQ2				
41543		XA227	29		XA227	34			16B	9		LXRS00	05	LXRS5A	01	1	TQ2	C3		14B	
41549		XA227	30									LXRS4A	03	LXRS1B	01	2	TQ2	C2		15A	MASTER RESET BUS 1
41552		XA227	30									LXRS4A	01	LXRS4A	00	1	TQ2	C2		15A	LXRS1B BUSS
42224		XA227	31		XA227	26			16B	9		SPIO142	13	LXRS5A	01	2	TQ2	C3		15B	
40407		XA227	32									GND	01				TQ2			20B	
41548		XA227	33		XA227	30			16B	9		LXRS5A	02	LXRS1B	01	3	TQ2	C3		14B	MASTER RESET BUS 2
41553		XA227	33									LXRS5A	01	LXRS5A	00	1	TQ2	C3		16B	LXRS1B BUSS
41544		XA227	34		XA227	40			16B	9		LXRS00	06	LXRS4A	01	1	TQ2	C2		16A	
41577		XA227	35		XA235	33			16B	9		LXRO94T	01	LXIRCO	01	1	TQ2	C4		17B	
42218		XA227	36		XA227	42			16B	9		SPIO142	07	LXRS4A	01	2	TQ2	C2		17A	
42223		XA227	37		XA227	31			16B	9		SPIO142	12	LXIRCO	01	2	TQ2	C4		18B	
41547		XA227	38		XA227	33			16B	9		LXRS3A	01	LXRS1B	01	1	TQ2	C1		18A	MASTER RESET BUS 1
41551		XA227	38									LXRS3A	01	LXRS3A	00	1	TQ2	C1		18A	LXRS1B BUSS
41433		XA227	39		XA233	23			16B	9		LXIRCO	01	LXIRCO	00	1	TQ2	C4		19B	
CONNECTOR XA227 CONTINUED ON THE NEXT PAGE ***																					

RECORD NUMBER	FROM				TO				WIRE				SIGNAL	SEQ NO	EQUATION	TERM FACTOR	CT OR CHIP TYPE	GROUP	LOAD OR POWER PLANE	TEST POINTS AND/OR	SIGNAL DESCRIPTION	ECO NO	
	PREFIX	CONNECTOR	FIN	TYPE	PREFIX	CONNECTOR	FIN	TYPE	MULTI GROUP	CODE	COLOR	IDENT											SPEC INST
41545		XA227	40										LXRS00	07	LXRS3A	01	1	TQ2	C1	19A			
41668		XA227	41										LXST20	02	LXST2A	01	1	TQ2	D3	22B			
42219		XA227	42		XA227	56			16B	9			SPIO142	08	LXRS3A	01	2	TQ2	C1	20A			
42222		XA227	43		XA227	37			16B	9			SPIO142	11	LXST2A	01	2	TQ2	D3	23B			
40408		XA227	44										GND	01				TQ2		21B			
41665		XA227	45		XA229	39			16B	9			LXST2A	01	LXST2A	00	1	TQ2	D3	24B			
41004		XA227	46										LSNC2A	03	LSNC2A	00	1	TQ2	D2	21A			
42176		XA227	47		XA229	29			16B	9			SPIO132	02	LXGN3A	01	1	TQ2	D4	25B			
40998		XA227	48		XA225	38			16B	9			LSNC1S	01	LSNC2A	01	1	TQ2	D2	22A			
42221		XA227	49		XA227	43			16B	9			SPIO142	10	LXGN3A	01	2	TQ2	D4	26B			
41268		XA227	50		XA230	42			16B	9			LXCP1B	16	LSNC2A	01	2	TQ2	D2	23A			
41415		XA227	51		XA234	78			16B	9			LXGN3A	08	LXGN3A	00	1	TQ2	D4	27B			
41419		XA227	52										LXHST0	02	LXHST0	00	1	TQ2	D1	24A			
41379		XA227	53		XA226	23			16B	9			LXE00A	03	LDCP10	01	1	TQ2	E3	28B			
41573		XA227	54		XA235	26			16B	9			LXR091T	01	LXHST0	01	1	TQ2	D1	25A			
41914		XA227	55		XA227	64			16B	9			LX000A	02	LDCP10	01	2	TQ2	E3	29B			
42220		XA227	56		XA227	49			16B	9			SPIO142	09	LXHST0	01	2	TQ2	D1	26A			
40707		XA227	57		XA229	60			16B	9			LDCP10	01	LDCP10	00	1	TQ2	E3	30B	DATA REGISTER CLOC		
40409		XA227	58										GND	01				TQ2		27A			
41912		XA227	59										LXODRA	03	LDRS00	01	1	TQ2	E4	31B			
40706		XA227	60										LDCP00	06	LDCP00	00	1	TQ2	E2	28A	DATA REGISTER CLOC		
41529		XA227	61		XA226	64			16B	9			LXRS0B	36	LDRS00	01	2	TQ2	E4	32B			
41378		XA227	62		XA227	53			16B	9			LXE00A	02	LDCP00	01	1	TQ2	E2	29A			
40738		XA227	63										LDRS00	03	LDRS00	00	1	TQ2	E4	33B	RESET DATA REGISTER		
41915		XA227	64		XA225	72			16B	9			LX000A	03	LDCP00	01	2	TQ2	E2	30A			
41868		XA227	65										LXXDIS	03	LXXDIA	01	1	TQ2	E3	34B			
41948		XA227	66										L16MHA	03	L16MHA	00	1	TQ2	E1	31A	16 MHZ RECEIVER		
40410		XA227	67										GND	01				TQ2		40A			
43737		XA227	68		XA126	68			16B	9			T16MHA	035	L16MHA	01	1	TQ2	E1	32A		B02	
41855		XA227	69		XA221	65			16B	9			LXXDIA	01	LXXDIA	00	1	TQ2	E3	35A			
42244		XA227	70		XA237	75			16B	9			SPIO142	33	L16MHA	01	2	TQ2	E1	33A			
41817		XA227	71		XA225	74			16B	9			LXXCIO	01	LXXCIA	01	1	TQ2	F2	36A			
41809		XA227	72										LXXCIA	02	LXXCIA	00	1	TQ2	F2	34A			
42242		XA227	73		XA227	78			16B	9			SPIO142	31	LXXCIA	01	2	TQ2	F2	36B			
41366		XA227	74		XA224	80			16B	9			LXEAO0	02	LXXDIA	01	2	TQ2	F3	35B			
41879		XA227	75		XA222	65			16B	9			LXXRCA	01	LXXRCA	00	1	TQ2	F1	37B	SET YOU REQUEST CO		
41825		XA227	76		XA223	80			16B	9			LXXCSA	01	LXXCS0	01	1	TQ2	F4	37A			
41886		XA227	77										LXXRCA	02	LXXRCA	01	1	TQ2	F1	38B			
42243		XA227	78		XA227	70			16B	9			SPIO142	32	LXXCS0	01	2	TQ2	F4	38A			
41888		XA227	79										LXXREP	02	LXXRCA	01	2	TQ2	F1	39B			
41829		XA227	80										LXXCS0	03	LXXCS0	00	1	TQ2	F4	39A			
41248		XA228	01								J	LXCP00	01	LXCP00	00	1	TQ2	A2		02B	LXCP1B BUSS		
41275		XA228	01								P	LXCP00	23	LXCP1B	01	3	TQ2	A2		02B	CLOCK PHASE 1 BUS		
40411		XA228	02									GND	01				TQ2			01A			
41250		XA228	03		XA228	11			16B	9			LXCP1A	02	LXCP10	01	1	TQ2	A3	02A			
41249		XA228	04		XA228	03			16B	9			LXCP1A	01	LXCP00	01	1	TQ2	A2	04A			
42214		XA228	05		XA228	13			16B	9			SPIO142	03	LXCP00	01	2	TQ2	A2	03B			
41492		XA228	06										LXRRS0	02	LXRRS0	00	1	TQ2	A1	05A			
CONNECTOR	XA228	CONTINUED ON THE NEXT PAGE ****																					

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DATA SYSTEMS DIVISION
LITTON SYSTEMS INC.
LITTON INDUSTRIES

DRAWING NUMBER 149016-880

UNIT ASSEMBLY NAME CARD CAGE ASSY, A, IFCU

CONNECTOR

UNIT ASSEMBLY NO. 149016

FILE IDENT

T39C1FC6

REV. E

DATE 09-03-82

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XA228

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RECORD NUMBER		FROM			TO			WIRE			SIGNAL		EQUATION		TERM FACTOR		LOAD OR POWER PLANE		TEST POINTS		SIGNAL DESCRIPTION		ECO NO
NO		PREFIX	CONNECTOR	PIN	PREFIX	CONNECTOR	PIN	MULTI GROUP	CODE	COLOR	IDENT	SPEC INST. MISC	SIGNAL	SFO NO	EQUATION	TERM	FACTOR	CKT OR CHIP TYPE	GROUP	LOAD OR POWER PLANE	TEST POINTS	SIGNAL DESCRIPTION	ECO NO
42213		XA228	07		XA228	05			16B	9			SPIO142	02	LXCP10	01	2	T02	A3		03A		
41753		XA228	08										LXA6A	02	LXRR50	01	1	T02	A1		06A		
41274		XA228	09		XA228	01			16B	9		P	LXCP10	22	LXCP1B	01	1	T02	A3		04B	CLOCK PHASE 1 BUS	
41276		XA228	09								J		LXCP10	01	LXCP10	00	1	T02	A3		04B	LXCP1B BUSS	
41518		XA228	10		XA225	10			16B	9			LXRS0B	25	LXRR50	01	2	T02	A1		07A		
41251		XA228	11		XA227	15			16B	9			LXCP1A	03	LXCP20	01	1	T02	A4		05B		
40087		XA228	12										+5V	01				T02					
42249		XA228	13		XA227	05			16B	9			SPIO142	035	LXCP20	01	2	T02	A4		06B		
41280		XA228	14										LXCP3A	03	LXCP3A	00	1	T02	B2		09A	PHASE 3 OF 2 PHASE	
41273		XA228	15		XA228	09			16B	9		P	LXCP20	21	LXCP1B	01	2	T02	A4		07B	CLOCK PHASE 1 BUS	
41277		XA228	15								J		LXCP20	01	LXCP20	00	1	T02	A4		07B	LXCP1B BUSS	
40412		XA228	16										GND	01				T02			01B		
41026		XA228	17										LSYN10	02	LSYN1A	01	1	T02	B3		08B		
41935		XA228	18		XA230	34			16B	9			LX1MA0	01	LXCP3A	01	1	T02	B2		10A		
41356		XA228	19		XA229	30			16B	9			LXDV10	02	LSYN1A	01	2	T02	B3		09B		
41940		XA228	20										LX1MBP	03	LXCP3A	01	2	T02	B2		11A		
41023		XA228	21		XA225	65			16B	9			LSYN1A	02	LSYN1A	00	1	T02	B3		10B	START DEV COMMAND	
41762		XA228	22		XA229	01			16B	9			LXXBKO	03	LXXBKO	00	1	T02	B1		12A	I/O BYTE COUNTER	
41442		XA228	23		XA230	19			16B	9			LXIR10	01	LXIR1A	01	1	T02	B4		11B		
41739		XA228	24		XA231	07			16B	9			LXXA30	02	LXXBKO	01	1	T02	B1		13A		
41283		XA228	25		XA228	43			16B	9			LXCP3B	03	LXIR1A	01	2	T02	B4		12B		
42250		XA228	26		XA230	27			16B	9			SPIO152	05	LXXBKO	01	2	T02	B1		14A		
41440		XA228	27		XA229	26			16B	9			LXIR1A	02	LXIR1A	00	1	T02	B4		13B		
40088		XA228	28										+5V	01				T02					
41582		XA228	29										LXR098T	02	LXOFRO	01	1	T02	C3		14B		
41344		XA228	30		XA226	40			16B	9			LXDVCO	02	LXDVCO	00	1	T02	C2		15A		
42260		XA228	31		XA228	37			16B	9			SPIO152	15	LXOFRO	01	2	T02	C3		15B		
40413		XA228	32										GND	01				T02			20B		
41926		XA228	33		XA226	34			16B	9			LXOFRO	01	LXOFRO	00	1	T02	C3		16B		
41572		XA228	34										LXR090T	02	LXDVCO	01	1	T02	C2		16A		
41646		XA228	35										LXSK0A	02	LXSK00	01	1	T02	C4		17B		
42259		XA228	36		XA228	31			16B	9			SPIO152	14	LXDVCO	01	2	T02	C2		17A		
42261		XA228	37		XA228	61			16B	9			SPIO152	16	LXSK00	01	2	T02	C4		18B		
41326		XA228	38		XA233	42			16B	9			LXDEVA	03	LXDEVA	00	1	T02	C1		18A		
41649		XA228	39										LXSK00	03	LXSK00	00	1	T02	C4		19B	I/O BUFFER REGISTER	
41605		XA228	40		XA230	77			16B	9			LXR3CS	04	LXDEVA	01	1	T02	C1		19A		
41375		XA228	41		XA231	19			16B	9			LXEB10	02	LXEB1A	01	1	T02	D3		22B		
42258		XA228	42		XA228	36			16B	9			SPIO152	13	LXDEVA	01	2	T02	C1		20A		
41284		XA228	43		XA224	43			16B	9			LXCP3B	04	LXEB1A	01	2	T02	D3		23B		
40414		XA228	44										GND	01				T02			21B		
41372		XA228	45		XA229	14			16B	9			LXEB1A	01	LXEB1A	00	1	T02	D3		24B		
41651		XA228	46										LXSS10	02	LXSS10	00	1	T02	D2		21A		
41085		XA228	47										LXASLA	02	LXONL0	01	1	T02	D4		25B		
41579		XA228	48		XA235	29			16B	9			LXR097T	01	LXSS10	01	1	T02	D2		22A		
41192		XA228	49										LXBSLA	02	LXONL0	01	2	T02	D4		26B		
42265		XA228	50		XA229	51			16B	9			SPIO152	20	LXSS10	01	2	T02	D2		23A		
41930		XA228	51										LXONL0	03	LXONL0	00	1	T02	D4		27B	ON LINE CONTROL	
41387		XA228	52		XA233	40			16B	9			LXE0B0	01	LXE0B0	00	1	T02	D1		24A		
41946		XA228	53		XA228	59			16B	9			L16MHA	01	L16MHO	01	1	T02	E3		28B		
41576		XA228	54										LXR092T	02	LXE0B0	01	1	T02	D1		25A		
CONNECTOR		XA228	CONTINUED ON THE NEXT PAGE ****																				

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	FILE	PREFIX	CONNECTOR	PIN	FILE	MULT. GROUP	CODE											
42263		XA228	55		XA228	56				168	9		SPIO152	18	L16MH0	01	2	TQ2	E3	29B	
42264		XA228	56		XA228	50				168	9		SPIO152	19	LXE080	01	2	TQ2	D1	26A	
41956		XA228	57										L16MH0	08	L16MH0	00	1	TQ2	E3	30B	
40415		XA228	58										GND	01				TQ2		27A	
41947		XA228	59		XA227	66				168	9		L16MHA	02	L16M10	01	1	TQ2	E4	31B	
41188		XA228	60										LXBRQ0	03	LXBRQ0	00	1	TQ2	E2	28A	PORT B REQUEST
42262		XA228	61		XA228	55				168	9		SPIO152	17	L16M10	01	2	TQ2	E4	32B	
41184		XA228	62		XA238	57				168	9		LXBRQA	01	LXBRQ0	01	1	TQ2	E2	29A	
41957		XA228	63		XA229	56				168	9		L16M10	01	L16M10	00	1	TQ2	E4	33B	
42272		XA228	64		XA228	70				168	9		SPIO152	27	LXBRQ0	01	2	TQ2	E2	30A	
40883		XA228	65										LLPT2S	03	LLTE0A	01	1	TQ2	F3	34B	
41081		XA228	66										LXARQ0	03	LXARQ0	00	1	TQ2	E1	31A	PORT A REQUEST
40416		XA228	67										GND	01				TQ2		40A	
41077		XA228	68		XA238	59				168	9		LXARQA	01	LXARQ0	01	1	TQ2	E1	32A	
40891		XA228	69										LLTE0A	02	LLTE0A	00	1	TQ2	F3	35A	START DATA INPUT
42273		XA228	70		XA228	73				168	9		SPIO152	28	LXARQ0	01	2	TQ2	E1	33A	
40737		XA228	71		XA227	63				168	9		LDRS00	02	LDRS1A	01	1	TQ2	F2	36A	
40743		XA228	72										LDRS1A	05	LDRS1A	00	1	TQ2	F2	34A	
42274		XA228	73		XA228	79				168	9		SPIO152	29	LDRS1A	01	2	TQ2	F2	36B	
41365		XA228	74		XA227	74				168	9		LXEA00	01	LLTE0A	01	2	TQ2	F3	35B	
40735		XA228	75										LDRS0A	06	LDRS0A	00	1	TQ2	F1	37B	
43600		XA228	76		XA239	65				168	9		TXADE04	02	LXADEA	01	1	TQ2	F4	37A	
40736		XA228	77		XA228	71				168	9		LDRS00	01	LDRS0A	01	1	TQ2	F1	38B	
42276		XA228	78		XA229	80				168	9		SPIO152	31	LXADEA	01	2	TQ2	F4	38A	
42275		XA228	79		XA228	78				168	9		SPIO152	30	LDRS0A	01	2	TQ2	F1	39B	
41038		XA228	80										LXADEA	04	LXADEA	00	1	TQ2	F4	39A	ODD/EVEN RECEIVER
41763		XA229	01										LXXBKO	04	LXXBON	01	1	TDD	BN	02B	
40417		XA229	02										GND	01				TDD		01B	
42181		XA229	03		XA230	03				168	9		SPIO132	07	LXXB0Q	01	1	TDD	BQ	02A	
41754		XA229	04		XA230	22				168	9		LXXBCA	01	LXXBOP	01	1	TDD	BP	04A	
41793		XA229	05		XA231	23				168	9		LXXB2P	01	LXXBOI	01	1	TDD	BI	03B	
41710		XA229	06		XA236	80				168	9		LXXADA	01	LXXACP	01	1	TDD	AP	05A	
41775		XA229	07										LXXB0Q	04	LXXB0Q	00	1	TDD	BQ	03A	I/O BYTE COUNTER
42246		XA229	08		XA231	15				168	9		SPIO152	01	LXXACI	01	1	TDD	AI	06A	
41771		XA229	09										LXXBOP	03	LXXBOP	00	1	TDD	BP	04B	
41735		XA229	10		XA230	08				168	9		LXXA3P	01	LXXACN	01	1	TDD	AN	07A	
41707		XA229	11										LXXACP	05	LXXACP	00	1	TDD	AP	05B	
40089		XA229	12										+5V	01				TDD			
43716		XA229	13									M	LXXACQ	01	LXXACQ	00	1	TDD	AQ	06B	I/O STATE COUNTER
41373		XA229	14										LXEB1A	02	LXEBON	01	1	TDD	ON	09A	
41517		XA229	15		XA228	10				168	9		LXRS0B	24	LXXACQ	01	1	TDD	AQ	07B	
40418		XA229	16										GND	01				TDD		20B	
41369		XA229	17										LXEB0A	02	LXEB0Q	01	1	TDD	DO	08B	
41397		XA229	18		XA229	24				168	9		LXGN1A	09	LXERQI	01	1	TDD	DI	10A	
41371		XA229	19										LXEB0Q	02	LXEB0Q	00	1	TDD	DO	09B	EOB SYNC COUNTER
41515		XA229	20		XA229	22				168	9		LXRS0B	22	LXEBOP	01	1	TDD	DP	11A	
43694		XA229	21									M	LXRSOP	01	LXEBOP	00	1	TDD	DP	10B	
41516		XA229	22		XA229	15				168	9		LXRS0B	23	LXIROP	01	1	TDD	CP	12A	
CONNECTOR	XA229	CONTINUED ON THE NEXT PAGE ***																			

RECORD NUMBER		FROM		TO		WIRE				SPEC INST	SIGNAL	SEQ NO	EQUATION	TERM	FACTOR	CAT OR CHIP TYPE	GROUP	LOAD OR POWER PLANE	TEST POINTS AND/OR	SIGNAL DESCRIPTION	ECG NO
PREFIX	CONNECTOR	PIN	WIRE	PREFIX	CONNECTOR	PIN	WIRE	MULTI GROUP	CODE	COLOR	IDENT										
43699	XA229	23										LXIROP	01	LXIROP	00	1	TDD	CP	11B		
41398	XA229	24		XA229	40				16B	9		LXGNIA	10	LXIROI	01	1	TDD	CI	13A		
41438	XA229	25										LXIROQ	02	LXIROQ	00	1	TDD	CO	12B	ITR SYNC COUNTER	
41441	XA229	26										LXIR1A	03	LXIROP	01	1	TDD	CN	14A		
41435	XA229	27		XA233	27				16B	9		LXIROA	01	LXIROQ	01	1	TDD	CO	13B		
40090	XA229	28										+5V	01				TDD				
42177	XA229	29		XA232	25				16B	9		SPI0132	03	LPRNTQ	01	1	TDD	FQ	14B		
41357	XA229	30		XA231	42				16B	9		LXDV10	03	LPRNTN	01	1	TDD	FN	15A		
40967	XA229	31		XA226	49				16B	9		LPRNTQ	03	LPRNTQ	00	1	TDD	FO	15B	PRINT COMMAND F/F	
40419	XA229	32										GND	01				TDD		21B		
43643	XA229	33										LPRNTP	01	LPRNTP	00	1	TDD	FP	16B		
40971	XA229	34		XA227	27				16B	9		LPRNT0	01	LPRNTI	01	1	TDD	FI	16A		
41656	XA229	35										LXST0P	02	LXST0P	00	1	TDD	EP	17B		
41500	XA229	36		XA231	38				16B	9		LXRS0B	07	LPRNTP	01	1	TDD	EP	17A		
41657	XA229	37		XA230	40				16B	9		LXST0Q	01	LXST0Q	00	1	TDD	EQ	18B	STOP SYNC COUNTER	
42257	XA229	38		XA228	42				16B	9		SPI0152	12	LXST0P	01	1	TDD	EP	18A		
41666	XA229	39										LXST2A	02	LXST0Q	01	1	TDD	EQ	19B		
41399	XA229	40		XA219	53				16B	9		LXGNIA	11	LXST0I	01	1	TDD	EI	19A		
42109	XA229	41		XA222	18				16B	9		SPI0052	10		01	1	TDD	HQ	22B		
41661	XA229	42		XA239	23				16B	9		LXST1A	02	LXSTON	01	1	TDD	EN	20A		
43574	XA229	43										SPO	01		00	1	TDD	HO	23B		
40420	XA229	44										GND	01				TDD		27A		
43575	XA229	45										SPO	01		00	1	TDD	HP	24B		
42056	XA229	46		XA219	50				16B	9		SPI0032	13		01	1	TDD	HN	21A		
41843	XA229	47		XA221	72				16B	9		LXXC4P	02	LXXC4P	00	1	TDD	GP	25B		
42195	XA229	48		XA229	53				16B	9		SPI0132	21		01	1	TDD	HI	22A		
41848	XA229	49		XA223	78				16B	9		LXXC4Q	01	LXXC4Q	00	1	TDD	GQ	26B	IOU INPUT STROBE	
42084	XA229	50		XA230	29				16B	9		SPI0042	11		01	1	TDD	HP	23A		
42266	XA229	51		XA230	51				16B	9		SPI0152	21	LXXC4Q	01	1	TDD	GQ	27B		
41820	XA229	52		XA230	52				16B	9		LXXCRO	02	LXXC4P	01	1	TDD	GP	24A		
42196	XA229	53		XA230	53				16B	9		SPI0132	22	LD05BQ	01	1	TDD	KQ	28B		
41840	XA229	54		XA230	43				16B	9		LXXC3Q	01	LXXC4I	01	1	TDD	GI	25A		
40761	XA229	55		XA241	64				16B	9		LD05BQ	02	LD05BQ	00	1	TDD	KQ	29B		
41958	XA229	56		XA230	56				16B	9		L16M10	02	LXXC4N	01	1	TDD	GN	26A		
43615	XA229	57										LD05BP	01	LD05BP	00	1	TDD	KP	30B		
40421	XA229	58										GND	01				TDD		40A		
41898	XA229	59		XA222	72				16B	9		LXXR2P	02	LXXR2P	00	1	TDD	JP	31B		
40708	XA229	60		XA230	72				16B	9		LDCP10	02	LD05BN	01	1	TDD	KN	28A		
43727	XA229	61										LXXR2Q	01	LXXR2Q	00	1	TDD	JQ	32B	IOU REQUEST COUNT	
41624	XA229	62										LXRS5C	06	LD05BT	01	1	TDD	KI	29A		
42271	XA229	63		XA228	64				16B	9		SPI0152	26	LXXR2Q	01	1	TDD	JQ	33B		
40739	XA229	64		XA230	73				16B	9		LDRS1A	01	LD05BP	01	1	TDD	KP	30A		
42201	XA229	65		XA232	68				16B	9		SPI0132	27	LD07BQ	01	1	TDD	MQ	34B		
41883	XA229	66		XA222	74				16B	9		LXXRCQ	03	LXXR2P	01	1	TDD	JP	31A		
40422	XA229	67										GND	01				TDD		40B		
41896	XA229	68										LXXR1Q	02	LXXR2I	01	1	TDD	JT	32A		
43617	XA229	69										LD07BP	01	LD07BP	00	1	TDD	MP	35A		
41955	XA229	70		XA228	57				16B	9		L16MH0	07	LXXR2N	01	1	TDD	NP	33A		
41644	XA229	71										LXR7CS	07	LD07BI	01	1	TDD	MI	36A		
40710	XA229	72		XA229	79				16B	9		LDCP10	04	LD07BN	01	1	TDD	MN	34A		
CONNECTOR		XA229	CONTINUED ON THE NEXT PAGE ****																		

UNIT ASSEMBLY NAME CARD CAGE ASSY, A, IFCU										T39C1FC6										09-03-82		136	
RECORD NUMBER	PREFIX	CONNECTOR	PIN	USE	PREFIX	CONNECTOR	PIN	USE	MULTI GROUP	CODE	COLOR	IDENT	SIGNAL	SEC NO	EQUATION	TERM	FACT	CKT OR CHIP TYPE	GROUP	LOAD OR POWER PLANE	TEST POINTS AND OR	SIGNAL DESCRIPTION	ECO NO
40742		XA229	73			XA228	72			16B	9		LDRS1A	04	LD07B P	01	1	TDD	MP		36B		
40767		XA229	74			XA241	70			16B	9		LD07B Q	02	LD07B Q	00	1	TDD	MQ	J	35B	DATA REGISTER BIT	
40741		XA229	75			XA229	73			16B	9		LDRS1A	03	LD06B P	01	1	TDD	LP		37B		
43616		XA229	76										LD06B P	01	LD06B P	00	1	TDD	LP		37A		
41634		XA229	77										LXR6C S	07	LD06B I	01	1	TDD	LI		38B		
40764		XA229	78			XA242	79			16B	9		LD06B Q	02	LD06B Q	00	1	TDD	LQ		38A		
40711		XA229	79										LD06B N	05	LD06B N	01	1	TDD	LN		39B		
42277		XA229	80			XA230	80			16B	9		SPI0152	32	LD06B Q	01	1	TDD	LQ		39A		
41949		XA230	01			XA231	01			16B	9		L16MH0	01	LXXA2N	01	1	TDD	BN		02B		
40423		XA230	02										GND	01				TDD			01B		
42182		XA230	03			XA231	03			16B	9		SPI0132	08	LXXA2Q	01	1	TDD	BQ		02A		
41705		XA230	04			XA230	06			16B	9		LXXACP	03	LXXA2P	01	1	TDD	BP		04A		
41730		XA230	05			XA217	06			16B	9		LXXA1Q	06	LXXA2I	01	1	TDD	BI		03B		
41706		XA230	06			XA229	11			16B	9		LXXACP	04	LXXAOP	01	1	TDD	AP		05A		
41734		XA230	07										LXXA2Q	03	LXXA2Q	00	1	TDD	BQ		03A	I/O STATE COUNTER	
41736		XA230	08			XA231	09			16B	9		LXXA3P	02	LXXA0I	01	1	TDD	AI		06A		
43717		XA230	09										LXXA2P	01	LXXA2P	00	1	TDD	BP		04B		
41951		XA230	10			XA231	10			16B	9		L16MH0	03	LXXAQN	01	1	TDD	AN		07A		
41715		XA230	11			XA232	05			16B	9		LXXAOP	02	LXXAOP	00	1	TDD	AP		05B		
40091		XA230	12										+5V	01				TDD					
41722		XA230	13										LXXA0Q	03	LXXA0Q	00	1	TDD	AQ		06B	I/O STATE COUNTER	
41272		XA230	14			XA228	15			16B	9		LXCPIB	20	LXIRIN	01	1	TDD	DN		09A		
42248		XA230	15			XA228	26			16B	9		SPI0152	03	LXXA0Q	01	1	TDD	AQ		07B		
40424		XA230	16										GND	01				TDD			20B		
42180		XA230	17			XA229	03			16B	9		SPI0132	06	LXIR1Q	01	1	TDD	DQ		08B		
41437		XA230	18			XA229	25			16B	9		LXIROQ	01	LXIR1I	01	1	TDD	DI		10A		
41443		XA230	19										LXIR1Q	02	LXIR1Q	00	1	TDD	DO		09B	ITR SYNC COUNTER	
41514		XA230	20			XA229	20			16B	9		LXRSQB	21	LXIR1P	01	1	TDD	DP		11A		
43700		XA230	21										LXIR1P	01	LXIR1P	00	1	TDD	DP		10B		
41755		XA230	22			XA231	22			16B	9		LXXBCA	02	LXXB1P	01	1	TDD	CP		12A		
41780		XA230	23			XA236	50			16B	9		LXXB1P	01	LXXB1P	00	1	TDD	CP		11B		
41774		XA230	24			XA229	07			16B	9		LXXB0Q	03	LXXB1I	01	1	TDD	CI		13A		
41784		XA230	25										LXXB1Q	03	LXXB1Q	00	1	TDD	CQ		12B	I/O BYTE COUNTER	
41761		XA230	26			XA228	22			16B	9		LXXBK0	02	LXXB1N	01	1	TDD	CN		14A		
42251		XA230	27			XA231	27			16B	9		SPI0152	06	LXXB1Q	01	1	TDD	CQ		13B		
40092		XA230	28										+5V	01				TDD					
42085		XA230	29			XA222	27			16B	9		SPI0042	12	LX1MB0	01	1	TDD	FQ		14B		
41945		XA230	30										L04M70	03	LX1MBN	00	1	TDD	FN		15A		
41942		XA230	31										LX1MB0	02	LX1MB0	00	1	TDD	FQ		15B	2 PHASE CLOCK BIT1	
40425		XA230	32										GND	01				TDD			21B		
41939		XA230	33			XA228	20			16B	9		LX1MBP	02	LX1MBP	00	1	TDD	FP		16B		
41936		XA230	34			XA231	31			16B	9		LX1MAQ	02	LX1MBI	01	1	TDD	FI		16A		
43713		XA230	35										LXST1P	01	LXST1P	00	1	TDD	EP		17B		
42055		XA230	36			XA229	46			16B	9		SPI0032	12	LX1MBP	01	1	TDD	EP		17A		
41664		XA230	37										LXST1Q	02	LXST1Q	00	1	TDD	EQ		18B	STOP SYNC COUNTER	
42256		XA230	38			XA229	38			16B	9		SPI0152	11	LXST1P	01	1	TDD	EP		18A		
42193		XA230	39			XA230	41			16B	9		SPI0132	19	LXST1Q	01	1	TDD	EQ		19B		
41658		XA230	40			XA241	41			16B	9		LXST0Q	02	LXST1I	01	1	TDD	EI		19A		
CONNECTOR		XA230	CONTINUED ON THE NEXT PAGE ****																				

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	SIZE	MULTI GROUP	CODE	COLOR												
42194		XA230	41		XA229	48			168	9		SPIO132	20	LXXC30	01	1	TDD	HQ		22B		
41269		XA230	42		XA234	37			168	9		LXCP1B	17	LXST1N	01	1	TDD	EN		20A		
41841		XA230	43									LXXC30	02	LXXC30	00	1	TDD	HQ		23B		
40426		XA230	44									GND	01				TDD			27A		
41838		XA230	45		XA223	74			168	9		LXXC3P	01	LXXC3P	00	1	TDD	HP		24B		
41962		XA230	46									L16M10	06	LXXC3N	01	1	TDD	HN		21A		
43719		XA230	47								M	LXXC1P	01	LXXC1P	00	1	TDD	GP		25B		
41836		XA230	48		XA231	43			168	9		LXXC2Q	03	LXXC3I	01	1	TDD	HI		22A		
41833		XA230	49									LXXC1Q	02	LXXC1Q	00	1	TDD	GQ		26B		
41822		XA230	50		XA231	50			168	9		LXXCR0	04	LXXC3P	01	1	TDD	HP		23A		
42267		XA230	51		XA231	51			168	9		SPIO152	22	LXXC10	01	1	TDD	GQ		27B		
41821		XA230	52		XA230	50			168	9		LXXCR0	03	LXXC1P	01	1	TDD	GP		24A		
42197		XA230	53		XA231	53			168	9		SPIO132	23	LDO2BQ	01	1	TDD	KQ		28B		
41830		XA230	54		XA231	49			168	9		LXXC00	01	LXXC1I	01	1	TDD	GI		25A		
40752		XA230	55		XA241	79			168	9		LDO2BQ	02	LDO2BQ	01	1	TDD	KQ		29B		
41959		XA230	56		XA231	56			168	9		L16M10	03	LXXC1N	01	1	TDD	GN		26A		
43612		XA230	57								M	LDO2BP	01	LDO2BP	00	1	TDD	KP		30B		
40427		XA230	58									GND	01				TDD			40A		
43726		XA230	59								M	LXXR1P	01	LXXR1P	00	1	TDD	JP		31B		
40705		XA230	60		XA227	60			168	9		LDCP00	05	LDO2BN	01	1	TDD	KN		28A		
41895		XA230	61		XA229	68			168	9		LXXR1Q	01	LXXR10	00	1	TDD	JQ		32B		
41598		XA230	62									LXR2CS	04	LDO2BI	01	1	TDD	KI		29A		
42270		XA230	63		XA229	63			168	9		SPIO152	25	LXXR10	01	1	TDD	JQ		33B		
40731		XA230	64		XA231	73			168	9		LDR50A	02	LDO2BP	01	1	TDD	KP		30A		
42200		XA230	65		XA229	65			168	9		SPIO132	26	LDO4BQ	01	1	TDD	HQ		34B		
41882		XA230	66		XA229	66			168	9		LXXRCQ	02	LXXR1P	01	1	TDD	JP		31A		
40428		XA230	67									GND	01				TDD			40B		
41891		XA230	68		XA231	61			168	9		LXXR0Q	01	LXXR1I	01	1	TDD	JI		32A		
43614		XA230	69								M	LDO4BP	01	LDO4BP	00	1	TDD	MP		35A		
41954		XA230	70		XA229	70			168	9		L16MH0	06	LXXR1N	01	1	TDD	JN		33A		
41615		XA230	71									LXR4CS	05	LDO4BI	01	1	TDD	MI		36A		
40709		XA230	72		XA229	72			168	9		LDCP10	03	LDO4BN	01	1	TDD	MN		34A		
40740		XA230	73		XA229	75			168	9		LDR51A	02	LDO4BP	01	1	TDD	MP		36B		
40758		XA230	74		XA241	55			168	9		LDO4BQ	02	LDO4BQ	00	1	TDD	MQ		35B		
40734		XA230	75		XA228	75			168	9		LDR50A	05	LDO3BP	01	1	TDD	LP		37B		
43613		XA230	76								M	LDO3BP	01	LDO3BP	00	1	TDD	LP		37A		
41606		XA230	77									LXR3CS	05	LDO3BI	01	1	TDD	LI		38B		
40755		XA230	78		XA219	62			168	9		LDO3BQ	02	LDO3BQ	00	1	TDD	LQ		38A		
40701		XA230	79		XA231	79			168	9		LDCP00	01	LDO3BN	01	1	TDD	LN		39B		
42278		XA230	80		XA231	80			168	9		SPIO152	33	LDO3BQ	01	1	TDD	LQ		39A		
41950		XA231	01		XA230	10			168	9		L16MH0	02	LXXA3N	01	1	TDD	BN		02B		
40429		XA231	02									GND	01				TDD			01B		
42183		XA231	03		XA239	03			168	9		SPIO132	09	LXXA3Q	01	1	TDD	BQ		02A		
41704		XA231	04		XA230	04			168	9		LXXACP	02	LXXA3P	01	1	TDD	BP		04A		
41733		XA231	05		XA230	07			168	9		LXXA2Q	02	LXXA3I	01	1	TDD	BI		03B		
41703		XA231	06		XA231	04			168	9		LXXACP	01	LXXA1P	01	1	TDD	AP		05A		
41740		XA231	07									LXXA3Q	03	LXXA3Q	00	1	TDD	BQ		03A	I/O STATE COUNTER	
41721		XA231	08		XA230	13			168	9		LXXA0Q	02	LXXA1I	01	1	TDD	AI		06A		
CONNECTOR		XA231	CONTINUED ON THE NEXT PAGE ****																			

RECORD NUMBER	PREFIX	CONNECTOR	PIN	SHFT	PREFIX	CONNECTOR	PIN	SHFT	MULTI GROUP	CODE	CLOR	IDEN	SIG INST WISC	SIGNAL	SEQ NO	EQUATION	TERM	FACTS	CKT OR CHIP TYPE	GROUP	LOAD OR POWER PLANE	TEST POINTS (AND/OR)	SIGNAL DESCRIPTION	ECO NO	
41737		XA231	09											LXXA3P	03	LXXA3P	00	1	TDD	BP		04B			
41952		XA231	10			XA231	70			168	9			L16MH0	04	LXXA1N	01	1	TDD	AN		07A			
41723		XA231	11			XA236	53			168	9			LXXA1P	01	LXXA1P	00	1	TDD	AP		05B			
40093		XA231	12											+5V	01				TDD						
41729		XA231	13			XA230	05			168	9			LXXA10	05	LXXA10	00	1	TDD	AQ		06B	I/O STATE COUNTER		
41271		XA231	14			XA230	14			168	9			LXCP1B	19	LXEB1N	01	1	TDD	DN		09A			
42247		XA231	15			XA230	15			168	9			SPI0152	02	LXXA10	01	1	TDD	AO		07B			
40430		XA231	16											GND	01				TDD				20B		
42179		XA231	17			XA230	17			168	9			SPI0132	05	LXEB1Q	01	1	TDD	DQ		08B			
41370		XA231	18			XA229	19			168	9			LXEB0Q	01	LXEB1I	01	1	TDD	OI		10A			
41376		XA231	19											LXEB1Q	03	LXEB1Q	00	1	TDD	DQ		09B	EOB SYNC COUNTER		
41513		XA231	20			XA230	20			168	9			LXRS0B	20	LXEB1P	01	1	TDD	DP		11A			
43695		XA231	21										M	LXEB1P	01	LXEB1P	00	1	TDD	DP		10B			
41756		XA231	22			XA239	39			168	9			LXXBCA	03	LXXB2P	01	1	TDD	CP		12A			
41794		XA231	23			XA236	43			168	9			LXXB2P	02	LXXB2P	00	1	TDD	CP		11B			
41783		XA231	24			XA230	25			168	9			LXXB1Q	02	LXXB2I	01	1	TDD	CI		13A			
41799		XA231	25											LXXB2Q	02	LXXB2Q	00	1	TDD	CQ		12B	I/O BYTE COUNTER		
41760		XA231	26			XA230	26			168	9			LXXBK0	01	LXXB2N	01	1	TDD	CN		14A			
42252		XA231	27			XA232	26			168	9			SPI0152	07	LXXB2Q	01	1	TDD	CQ		13B			
40094		XA231	28											+5V	01				TDD						
42054		XA231	29			XA230	36			168	9			SPT0032	11	LX1MAQ	01	1	TDD	FQ		14B			
41944		XA231	30			XA230	30			168	9			L04M20	02	LX1MAN	01	1	TDD	FN		15A			
41937		XA231	31											LX1MAQ	03	LX1MAQ	00	1	TDD	FO		15B	2 PHASE CLOCK BIT		
40431		XA231	32											GND	01				TDD				21B		
41933		XA231	33			XA227	11			168	9			LX1MAP	01	LX1MAP	00	1	TDD	FP		16B			
41938		XA231	34			XA230	33			168	9			LX1MBP	01	LX1MAI	01	1	TDD	FI		16A			
40769		XA231	35			XA223	20			168	9			LFRMF0	01	LFRMF0	00	1	TDD	EP		17B			
42191		XA231	36			XA231	41			168	9			SPI0132	17	LX1MAP	01	1	TDD	FP		17A			
40772		XA231	37											LFRMF0	02	LFRMFQ	00	1	TDD	EQ		18B	FORM FEED COMMAND		
41501		XA231	38			XA233	41			168	9			LXRS0B	08	LFRMF0	01	1	TDD	EP		18A			
42255		XA231	39			XA230	38			168	9			SPI0152	10	LFRMFQ	01	1	TDD	EQ		19B			
40774		XA231	40											LFRMF0	02	LFRMEI	01	1	TDD	EI		19A			
42192		XA231	41			XA230	39			168	9			SPI0132	18	LXXC2Q	01	1	TDD	HO		22B			
41358		XA231	42											LXDV10	04	LFRMFN	01	1	TDD	EN		20A			
41837		XA231	43											LXXC2Q	04	LXXC2Q	00	1	TDD	HO		23B			
40432		XA231	44											GND	01				TDD				27A		
43720		XA231	45										M	LXXC2P	01	LXXC2P	00	1	TDD	HP		24B			
41961		XA231	46			XA230	46			168	9			L16M10	05	LXXC2N	01	1	TDD	HN		21A			
43718		XA231	47										M	LXXC0P	01	LXXC0P	00	1	TDD	GP		25B			
41832		XA231	48			XA230	49			168	9			LXXC1Q	01	LXXC2I	01	1	TDD	HI		22A			
41831		XA231	49											LXXC0Q	02	LXXC0Q	00	1	TDD	GO		26B	I/O INPUT STROBE		
41823		XA231	50			XA231	52			168	9			LXXCRO	05	LXXC2P	01	1	TDD	HP		23A			
42268		XA231	51			XA231	63			168	9			SPI0152	23	LXXC0Q	01	1	TDD	GQ		27B			
41824		XA231	52											LXXCRO	06	LXXC0P	01	1	TDD	GP		24A			
42198		XA231	53			XA231	65			168	9			SPI0132	24	LDDPBQ	01	1	TDD	KQ		28B			
41842		XA231	54			XA229	47			168	9			LXXC4P	01	LXXC0I	01	1	TDD	GI		25A			
40745		XA231	55											LDDPBQ	02	LDDPBQ	00	1	TDD	KQ		29B	DATA REGISTER BIT		
41960		XA231	56			XA231	46			168	9			L16M10	04	LXXCON	01	1	TDD	GN		26A			
43609		XA231	57										M	LDDPBQ	01	LDDPBQ	00	1	TDD	KP		30B			
40433		XA231	58											GND	01				TDD				40A		
CONNECTOR XA231 CONTINUED ON THE NEXT PAGE ****																									

RECORD NUMBER	FROM				TO				WIRE				SFC INST WIRE	SIGNAL	SEQ NO	EQUATION	TERM	FACTOR	CHK OR CHIP TYPE	GROUP	LOAD OR POWER PLANE	TEST POINTS AND/OR	SIGNAL DESCRIPTION	PCO NO
	PREFIX	CONNECTOR	PIN	OR	PREFIX	CONNECTOR	PIN	OR	MULTI GROUP	CODE	COLOR	IDENT												
41889		XA231	59		XA222	80					16B	9		LXXROP	01	LXXROP	00	1	TDD	JP		31B		
40704		XA231	60		XA230	60					16B	9		LDCP00	04	LDDPBN	01	1	TDD	KN		28A		
41892		XA231	61		XA238	64					16B	9		LXXR00	02	LXXR00	00	1	TDD	JO		32B	IOU REQUEST COUNT B	
41477		XA231	62		XA232	07					16B	9		LXRPCS	04	LDDPBI	01	1	TDD	KI		29A		
42269		XA231	63		XA230	63					16B	9		SPI0152	24	LXXR00	01	1	TDD	JQ		33B		
40730		XA231	64		XA230	64					16B	9		LDRSOA	01	LDDPBP	01	1	TDD	KP		30A		
42199		XA231	65		XA230	65					16B	9		SPI0132	25	LDD1BQ	01	1	TDD	MQ		34B		
41881		XA231	66		XA230	66					16B	9		LXXRCQ	01	LXXROP	01	1	TDD	JP		31A		
40434		XA231	67											GND	01				TDD			40B		
41897		XA231	68		XA229	59					16B	9		LXXR2P	01	LXXROI	01	1	TDD	JT		32A		
43611		XA231	69										M	LDD1BP	01	LDD1BP	00	1	TDD	MP		35A		
41953		XA231	70		XA230	70					16B	9		L16MH0	05	LXXRON	01	1	TDD	MN		33A		
41590		XA231	71											LXR1CS	04	LDD1BT	01	1	TDD	MI		36A		
40703		XA231	72		XA231	60					16B	9		LDCP00	03	LDD1BN	01	1	TDD	MN		34A		
40732		XA231	73		XA231	75					16B	9		LDRSOA	03	LDD1BP	01	1	TDD	MP		36B		
40749		XA231	74		XA219	57					16B	9		LDD1BQ	02	LDD1BQ	00	1	TDD	MQ		35B		
40733		XA231	75		XA230	75					16B	9		LDRSOA	04	LDD0BP	01	1	TDD	LP		37B		
43610		XA231	76										M	LDD0BP	01	LDD0BP	00	1	TDD	LP		37A		
41561		XA231	77											LXROCS	05	LDD0BT	01	1	TDD	LI		38B		
40747		XA231	78											LDD0BQ	02	LDD0BQ	00	1	TDD	LQ		38A	DATA REGISTR BIT 0	
40702		XA231	79		XA231	72					16B	9		LDCP00	02	LDD0BN	01	1	TDD	LN		39B		
42279		XA231	80		XA232	70					16B	9		SPI0152	34	LDD0BQ	01	1	TDD	LQ		39A		
41245		XA232	01		XA236	22					16B	9		LXCHAS	01	LXCA1A	01	1	TS8	A1		02B		
40435		XA232	02											GND	01				TS8			01A		
40173		XA232	03											DNW	01				TS8					
41787		XA232	04		XA240	72					16B	9		LXXB10	03	LXCA1A	01	2	TS8	A1		04A		
41716		XA232	05		XA232	34					16B	9		LXXAOP	03	LXCA1A	01	3	TS8	A1		03B		
41728		XA232	06		XA231	13					16B	9		LXXA1Q	04	LXCA1A	01	4	TS8	A1		05A		
41478		XA232	07											LXRPCS	05	LXCA1A	01	5	TS8	A1		03A		
41560		XA232	08		XA231	77					16B	9		LXROCS	04	LXCA1A	01	6	TS8	A1		06A		
40174		XA232	09											DNW	01				TS8					
41583		XA232	10		XA232	46					16B	9		LXR1CR	01	LXCA1A	01	7	TS8	A1		07A		
41234		XA232	11		XA236	23					16B	9		LXCA1A	01	LXCA1A	00	1	TS8	A1		05B	DEV CMND BYTE 1	
40095		XA232	12											+5V	01				TS8					
41591		XA232	13		XA232	48					16B	9		LXR2CR	01	LXCA1A	01	8	TS8	A1		06B		
41420		XA232	14		XA233	31					16B	9		LXHSOA	01	LXST20	01	1	TS8	B1		09A		
40175		XA232	15											DNW	01				TS8					
40436		XA232	16											GND	01				TS8			21B		
40176		XA232	17											DNW	01				TS8					
41653		XA232	18		XA217	11					16B	9		LXSSQA	02	LXST20	01	2	TS8	B1		10A		
41083		XA232	19											LXARSA	02	LXST20	01	3	TS8	B1		09B		
41189		XA232	20		XA233	19					16B	9		LXBRSA	01	LXST20	01	4	TS8	B1		11A		
40177		XA232	21											DNW	01				TS8					
41445		XA232	22											LXPRSA	02	LXST20	01	5	TS8	B1		12A		
41667		XA232	23		XA227	41					16B	9		LXST20	01	LXST20	00	1	TS8	B1		11B	START MASTER RESET	
40128		XA232	24		XA338	05					16B	9		DEVINH	11	LXST20	01	6	TS8	B1		13A		
42178		XA232	25		XA231	17					16B	9		SPI0132	04	LXST20	01	7	TS8	B1		12B		
42253		XA232	26		XA232	42					16B	9		SPI0152	08	LXST20	01	8	TS8	B1		14A		
CONNECTOR		XA232	CONTINUED ON THE NEXT PAGE ***																					

RECORD NUMBER	FROM				TO				WIRE			SIGNAL	SEQ NO	EQUATION	TERM	FACTOR	CKT OR CHIP TYPE	GROUP	LOAD OR POWER PLANE	TEST POINTS AND OR	SIGNAL DESCRIPTION	ECO NO
	PREFIX	CONNECTOR	PIN	PLUG	PREFIX	CONNECTOR	PIN	PLUG	MULTI GROUP	CODE	COLOR											
40178		XA232	27									DNW	01			TS8						
40096		XA232	28									+5V	01			TS8						
40179		XA232	29									DNW	01			TS8						
41332		XA232	30		XA236	30				16B	9	LXDEVS	01	LXDVI1A	01	1	TS8	C1		15A		
41801		XA232	31		XA233	47				16B	9	LXXB20	02	LXDVI1A	01	2	TS8	C1		15B		
40437		XA232	32									GND	01			TS8				27A		
40180		XA232	33									DNW	01			TS8						
41717		XA232	34		XA236	62				16B	9	LXXAOP	04	LXDVI1A	01	3	TS8	C1		16A		
41353		XA232	35		XA224	71				16B	9	LXDVI1A	01	LXDVI1A	00	1	TS8	C1		17B		
41727		XA232	36		XA232	06				16B	9	LXXA1Q	03	LXDVI1A	01	4	TS8	C1		17A		
41564		XA232	37		XA236	75				16B	9	LXROPA	03	LXDVI1A	01	5	TS8	C1		18B		
42053		XA232	38		XA231	29				16B	9	SPI0032	10	LXDVI1A	01	6	TS8	C1		18A		
40181		XA232	39									DNW	01			TS8						
42190		XA232	40		XA231	36				16B	9	SPI0132	16	LXDVI1A	01	7	TS8	C1		19A		
40182		XA232	41									DNW	01			TS8						
42254		XA232	42		XA231	39				16B	9	SPI0152	09	LXDVI1A	01	8	TS8	C1		20A		
41556		XA232	43									LXROCR	03	LXXACO	01	1	TS8	D1		23B		
40438		XA232	44									GND	01			TS8				40A		
40183		XA232	45									DNW	01			TS8						
41584		XA232	46		XA239	46				16B	9	LXR1CR	02	LXXACO	01	2	TS8	D1		21A		
41709		XA232	47									LXXACO	02	LXXACO	00	1	TS8	D1		25B		
41592		XA232	48		XA239	45				16B	9	LXR2CR	02	LXXACO	01	3	TS8	D1		22A		
41601		XA232	49									LXR3CR	03	LXXACO	01	4	TS8	D1		26B		
41608		XA232	50		XA239	66				16B	9	LXR4CR	02	LXXACO	01	5	TS8	D1		23A		
40184		XA232	51									DNW	01			TS8						
41616		XA232	52		XA239	60				16B	9	LXR5CR	01	LXXACO	01	6	TS8	D1		24A		
40185		XA232	53									DNW	01			TS8						
41625		XA232	54		XA239	57				16B	9	LXR6CR	01	LXXACO	01	7	TS8	D1		25A		
40964		XA232	55									LPINTO	03	LPINTA	01	1	TS8	E1		29B		
41637		XA232	56									LXR7CR	03	LXXACO	01	8	TS8	D1		26A		
40186		XA232	57									DNW	01			TS8						
40439		XA232	58									GND	01			TS8						
40960		XA232	59		XA218	78				16B	9	LPINTA	01	LPINTA	00	1	TS8	E1		31B	END DEV COMMAND	
40653		XA232	60		XA232	72				16B	9	LAE13Q	01	LPINTA	01	2	TS8	E1		28A		
40662		XA232	61		XA226	72				16B	9	LAE14P	03	LPINTA	01	3	TS8	E1		32B		
40610		XA232	62		XA220	54				16B	9	LAE00Q	01	LPINTA	01	4	TS8	E1		29A		
40187		XA232	63									DNW	01			TS8						
40615		XA232	64									LAE01P	02	LPINTA	01	5	TS8	E1		30A		
40188		XA232	65									DNW	01			TS8						
41297		XA232	66		XA233	72				16B	9	LXCP3B	17	LPINTA	01	6	TS8	E1		31A		
40440		XA232	67									GND	01			TS8						
42202		XA232	68		XA232	78				16B	9	SPI0132	28	LPINTA	01	7	TS8	E1		32A		
40189		XA232	69									DNW	01			TS8						
42280		XA232	70		XA246	63				16B	9	SPI0152	35	LPINTA	01	8	TS8	E1		33A		
40963		XA232	71		XA232	55				16B	9	LPINTO	02	LAOERA	01	1	TS8	F1		36A		
40654		XA232	72		XA226	71				16B	9	LAE13Q	02	LAOERA	01	2	TS8	F1		34A		
40661		XA232	73		XA232	61				16B	9	LAE14P	02	LAOERA	01	3	TS8	F1		36B		
40616		XA232	74		XA222	48				16B	9	LAE01Q	01	LAOERA	01	4	TS8	F1		35B		
40622		XA232	75									LAE02P	04	LAOERA	01	5	TS8	F1		37B		
40681		XA232	76									LADERA	02	LAOERA	00	1	TS8	F1		37A	RESET AUTO OUTPUT	
CONNECTOR	XA232	CONTINUED ON THE NEXT PAGE ****																				

RECORD NUMBER	FROM				TO				WIRE				SIGNAL	SEQ NO	EQUATION	TERM	FACTORY	KTY OR CHIP TYPE	GROUP	LOAD OR POWER PLANE	TEST POINTS AND/OR	SIGNAL DESIGNATION	ECO NO
	PREFIX	CONNECTOR	PIN	SPIC	PREFIX	CONNECTOR	PIN	SPIC	MULTI GROUP	CODE	COLOR	IDENT											
41299		XA232	77										LXCP3B	19	LAOERA	01	6	TS8	F1		38B		
42203		XA232	78			XA234	57			16B	9		SPIO132	29	LAOERA	01	7	TS8	F1		38A		
42282		XA232	79			XA236	79			16B	9		SPIO162	01	LAOERA	01	8	TS8	F1		39B		
40190		XA232	80										DNW	01				TS8					
41428		XA233	01										LXINHR	07	LXINHS	01	1	TT3	A2		02B		
40441		XA233	02										GND	01				TT3			01B		
41512		XA233	03			XA231	20			16B	9		LXRSOB	19	LXINHS	01	2	TT3	A2		02A		
41872		XA233	04			XA240	08			16B	9		LXXDRO	01	LXXDRO	00	1	TT3	A1		04A		
41928		XA233	05			XA233	48			16B	9		LXONLO	01	LXINHS	01	3	TT3	A2		03B		
41850		XA233	06			XA225	03			16B	9		LXXDDP	01	LXXDRO	01	1	TT3	A1		05A		
41429		XA233	07			XA236	11			16B	9		LXINHS	01	LXINHS	00	1	TT3	A2		03A	DATA SEND INHBIT	
41862		XA233	08										LXXDIP	06	LXXDRO	01	2	TT3	A1		06A		
41236		XA233	09			XA233	21			16B	9		LXCA10	01	LXDV5A	01	1	TT3	A3		04B		
41878		XA233	10										LXXDSP	05	LXXDRO	01	3	TT3	A1		07A		
41337		XA233	11										LXDEVO	03	LXDV5A	01	2	TT3	A3		05B		
40097		XA233	12										+5V	01				TT3					
41343		XA233	13			XA228	30			16B	9		LXDVCO	01	LXDV5A	01	3	TT3	A3		06B		
41158		XA233	14			XA241	36			16B	9		LXBCMOX	01	LXBRSA	01	1	TT3	B2		09A		
41360		XA233	15										LXDV5A	02	LXDV5A	00	1	TT3	A3		07B	SET DEV COMND F/F	
40442		XA233	16										GND	01				TT3			21B		
41162		XA233	17			XA241	31			16B	9		LXBENOX	01	LXBRSA	01	2	TT3	B2		08B		
41201		XA233	18										LXBSLOX	07	LXBRSA	01	3	TT3	B2		10A		
41190		XA233	19										LXBRSA	02	LXBRSA	00	1	TT3	B2		09B	PORT B IOU RESET	
41082		XA233	20			XA232	19			16B	9		LXARSA	01	LXARSA	00	1	TT3	B1		11A	PORT A IOU RESET	
41237		XA233	21			XA233	29			16B	9		LXCA10	02	LXIROA	01	1	TT3	B3		10B		
41032		XA233	22			XA242	36			16B	9		LXACMOX	01	LXARSA	01	1	TT3	B1		12A		
41434		XA233	23										LXIRCO	02	LXIROA	01	2	TT3	B3		11B		
41051		XA233	24			XA242	31			16B	9		LXAENOX	01	LXARSA	01	2	TT3	B1		13A		
41329		XA233	25										LXDEVA	06	LXIROA	01	3	TT3	B3		12B		
41094		XA233	26										LXASLOX	07	LXARSA	01	3	TT3	B1		14A		
41436		XA233	27										LXIROA	02	LXIROA	00	1	TT3	B3		13B	COMMAND IS ITR	
40098		XA233	28										+5V	01				TT3					
41238		XA233	29			XA236	27			16B	9		LXCA10	03	LXHSA	01	1	TT3	C2		14B		
41418		XA233	30			XA227	52			16B	9		LXHSTO	01	LXHSA	01	2	TT3	C2		15A		
41421		XA233	31										LXHSDA	02	LXHSA	00	1	TT3	C2		15B	COMMAND IS STOP	
40443		XA233	32										GND	01				TT3			27A		
41923		XA233	33			XA236	33			16B	9		LXOFRS	03	LXODEA	01	1	TT3	C3		16B		
41328		XA233	34			XA233	25			16B	9		LXDEVA	05	LXHSA	01	3	TT3	C2		16A		
41569		XA233	35			XA226	05			16B	9		LXROPPR	03	LXODEA	01	2	TT3	C3		17B		
41368		XA233	36			XA229	17			16B	9		LXEBQA	01	LXEBQA	00	1	TT3	C1		17A	COMMAND IS EOB	
41749		XA233	37			XA233	49			16B	9		LXXA50	03	LXODEA	01	3	TT3	C3		18B		
41240		XA233	38			XA226	37			16B	9		LXCA10	05	LXEBQA	01	1	TT3	C1		18A		
41908		XA233	39			XA223	07			16B	9		LXODEA	01	LXODEA	00	1	TT3	C3		19B	OFR DATA PARITY	
41388		XA233	40										LXEBQA	02	LXEBQA	01	2	TT3	C1		19A		
41502		XA233	41			XA233	56			16B	9		LXRSOB	09	LXINOA	01	1	TT3	D2		22B		
41327		XA233	42			XA233	34			16B	9		LXDEVA	04	LXEBQA	01	3	TT3	C1		20A		
41432		XA233	43										LXINOA	02	LXINOA	00	1	TT3	D2		23B		
40444		XA233	44										GND	01				TT3			40A		
CONNECTOR		XA233	CONTINUED ON THE NEXT PAGE ****																				

RECORD NUMBER	FROM			TO			WIRE			SIGNAL	SEQ NO	EQUATION	TERM	FACTOR	CKT ON CHIP TYPE	GROUP	LOAD OR POWER PLANE	TEST POINTS AND/OR	SIGNAL DESCRIPTION	ECO NO
	PREFIX	CONNECTOR	PIN	PREFIX	CONNECTOR	PIN	ENCL GROUP	CODE	COLOR											
41922		XA233	45		XA233	33		168	9		LXOFRS	02	LX000A	01	1	TT3	D3	24B		
41463		XA233	46								LXRCMS	04	LXIN0A	01	2	TT3	D2	21A		
41802		XA233	47		XA240	69		168	9		LXRB20	03	LX000A	01	2	TT3	D3	25B		
41929		XA233	48		XA228	51		168	9		LXOWLO	02	LXIN0A	01	3	TT3	D2	22A		
41750		XA233	49		XA239	75		168	9		LXXA50	04	LX000A	01	3	TT3	D3	26B		
41759		XA233	50								LXXBCO	02	LXXBCO	00	1	TT3	D1	23A		
41913		XA233	51		XA227	55		168	9		LX000A	01	LX000A	00	1	TT3	D3	27B	OFR DATA STROBE	
41459		XA233	52								LXRCMR	04	LXXBCO	01	1	TT3	D1	24A		
40569		XA233	53								LAEN2R	03	LAEN2S	01	1	TT3	E2	28B		
41464		XA233	54		XA238	52		168	9		LXRENR	01	LXXBCO	01	2	TT3	D1	25A		
40572		XA233	55								LAEN2S	03	LAEN2S	00	1	TT3	E2	29B	PRINT COMMAND	
41503		XA233	56		XA238	50		168	9		LXRSOB	10	LXXBCO	01	3	TT3	D1	26A		
41810		XA233	57		XA226	61		168	9		LXXCIP	01	LX0BIO	01	1	TT3	E3	30B		
40445		XA233	58								GND	01				TT3		40B		
41861		XA233	59		XA233	08		168	9		LXXDIP	05	LX0BIO	01	2	TT3	E3	31B		
41377		XA233	60		XA227	62		168	9		LXED0A	01	LAEN2S	01	2	TT3	E2	28A		
41877		XA233	61		XA233	10		168	9		LXXDSP	04	LX0BIO	01	3	TT3	E3	32B		
40980		XA233	62		XA225	73		168	9		LPTOCA	01	LAEN2S	01	3	TT3	E2	29A		
41304		XA233	63								LX0BIO	03	LX0BIO	00	1	TT3	E3	33B	INPUT INDICATOR	
41885		XA233	64		XA227	77		168	9		LXXRCO	01	LXXRCO	00	1	TT3	E1	30A	IOU REQUEST OR GATE	
41008		XA233	65		XA226	52		168	9		LSNC2S	01	LSCI1A	01	1	TT3	F2	34B		
40559		XA233	66								LAEN1A	03	LXXRCO	01	1	TT3	E1	31A		
40446		XA233	67								GND	01				TT3				
40873		XA233	68		XA224	10		168	9		LLPT1A	01	LXXRCO	01	2	TT3	E1	32A		
40641		XA233	69								LAE10P	03	LPDBCA	01	1	TT3	F3	35A		
40785		XA233	70								LINT2A	04	LXXRCO	01	3	TT3	E1	33A		
40690		XA233	71								LBUSYR	04	LSCI1A	01	2	TT3	F2	36A		
41298		XA233	72		XA232	77		168	9		LXCP3B	18	LSCI1A	01	3	TT3	F2	34A		
40962		XA233	73		XA232	71		168	9		LPINTO	01	LPINTO	00	1	TT3	F1	36B		
40984		XA233	74								LSCI1A	02	LSCI1A	00	1	TT3	F2	35B	REJECT NEW COMMAND	
40602		XA233	75								LAE0BR	03	LPINTO	01	1	TT3	F1	37B		
40660		XA233	76		XA232	73		168	9		LAE14P	01	LPDBCA	01	2	TT3	F3	37A		
40952		XA233	77		XA217	38		168	9		LPFLTP	01	LPINTO	01	2	TT3	F1	38B		
40607		XA233	78		XA221	47		168	9		LAE0OP	01	LPDBCA	01	3	TT3	F3	38A		
40977		XA233	79								LPRTOP	05	LPINTO	01	3	TT3	F1	39B		
40907		XA233	80		XA236	65		168	9		LPDBCA	01	LPDBCA	00	1	TT3	F3	39A	SEND DATA TO PRINT	
40191		XA234	01								DNW	01				DBC				
40447		XA234	02								GND	01				DBC		01A		
42308		XA234	03		XA234	19		168	9		SPI0122	04		01	1	DBC	A3	02B		B02
42309		XA234	04								SPI0182	15		01	1	DBC	A1	02A		B02
42307		XA234	05								SPI0192	06		01	1	DBC	A4	03B		
42310		XA234	06		XA236	05		168	9		SPI0162	29		01	1	DBC	A2	03A		B02
43576		XA234	07								SPO	01		00	1	DBC	A6	04B		
43577		XA234	08								SPO	01		00	1	DBC	A1	04A		
43578		XA234	09								SPO	01		00	1	DBC	A7	05B		
43579		XA234	10								SPO	01		00	1	DBC	A2	05A		
43580		XA234	11								SPO	01		00	1	DBC	A8	06B		
40099		XA234	12								+5V	01		00	1	DBC		08A		
CONNECTOR XA234 CONTINUED ON THE NEXT PAGE ****																				

RECORD NUMBER	FROM			TO			WIRE				SIGNAL	SEQ NO	EQUATION	TERM	FACTOR	CAT OR CHIP TYPE	GRUP	LOAD OR POWER PLANE	TEST POINTS		SIGNAL DESCRIPTION	ECO NO
	PREFIX	CONNECTOR	PIN	PREFIX	CONNECTOR	PIN	SIZE	MULTI GROUP	CODE	COLOR									IDENT	DISC		
43581		XA234	13									SPO	01		00	1	DBC	A4		07A		
43582		XA234	14									SPO	01		00	1	DBC	A3		06A		
43583		XA234	15									SPO	01		00	1	DBC	A9		07B		
40448		XA234	16									GND	01				DBC			01B		
43584		XA234	17									SPO	01		00	1	DBC	A5		08B		
43585		XA234	18									SPO	01		00	1	DBC	A0		09A		
42305		XA234	19		XA234	47			16B	9		SPI0122	05		01	1	DBC	B3		09B		B02
42304		XA234	20		XA234	04			16B	9		SPI0182	14		01	1	DBC	B1		10A		B02
42306		XA234	21		XA234	05			16B	9		SPI0192	05		01	1	DBC	B4		10B		B02
42303		XA234	22		XA234	06			16B	9		SPI0162	22		01	1	DBC	B2		11A		B02
43586		XA234	23									SPO	01		00	1	DBC	B6		11B		
43587		XA234	24									SPO	01		00	1	DBC	B1		12A		
43588		XA234	25									SPO	01		00	1	DBC	B7		12B		
43589		XA234	26									SPO	01		00	1	DBC	B2		13A		
43590		XA234	27									SPO	01		00	1	DBC	B3		14A		
40100		XA234	28									+5V	01				DBC		08A			
43591		XA234	29									SPO	01		00	1	DBC	B8		13B		
43592		XA234	30									SPO	01		00	1	DBC	B4		15A		
43593		XA234	31									SPO	01		00	1	DBC	B9		14B		
40449		XA234	32									GND	01				DBC		27A			
43594		XA234	33									SPO	01		00	1	DBC	B5		16A		
43595		XA234	34									SPO	01		00	1	DBC	B0		15B		
40791		XA234	35		XA235	35			16B	9		LKRS0A	06	LK03B5U	01	1	DBC	C5		16B		
43621		XA234	36								M	LK03B5U	01	LK03B5U	00	1	DBC	C5		17A		
41270		XA234	37		XA231	14			16B	9		LXCP1B	18	LK03B2U	01	1	DBC	C2		17B		
43618		XA234	38								M	LK03B1U	01	LK03B1U	00	1	DBC	C1		18A	REQUEST TIMER BITS	
42300		XA234	39		XA236	35			16B	9		SPI0162	19	LK03B1U	01	1	DBC	C1		18B		
41963		XA234	4T									SPA	01		01	1	DBC	A5				
43619		XA234	40								M	LK03B2U	01	LK03B2U	00	1	DBC	C2		19A		
42080		XA234	41		XA235	41			16B	9		SPI0042	07	LK03B1U	01	2	DBC	C1		19B		
43620		XA234	42								M	LK03B3U	01	LK03B3U	00	1	DBC	C3		20A		
42189		XA234	43		XA232	40			16B	9		SPI0132	15	LK03B1U	01	3	DBC	C1		22B		
40450		XA234	44									GND	01				DBC		40B			
42052		XA234	45		XA232	38			16B	9		SPI0032	09	LK03B1U	01	4	DBC	C1		23B		
40803		XA234	46									LK03B4U	02	LK03B4U	00	1	DBC	C4		21A		
42299		XA234	47		XA234	61			16B	9		SPI0122	06	LK03B3U	01	1	DBC	C3		23A		
42298		XA234	48		XA234	20			16B	9		SPI0182	13	LK03B4U	01	1	DBC	C4		22A		B02
40797		XA234	49		XA235	49			16B	9		LKRS1A	05	LK12B5U	01	1	DBC	D5		24B		B02
41964		XA234	5T									SPA	01		01	1	DBC	A6				
42107		XA234	50		XA235	39			16B	9		SPI0052	08	LK03B1U	01	5	DBC	C1		24A		
40818		XA234	51								M	LK11B0	03	LK12B2U	01	1	DBC	D2		25B		
43633		XA234	52								M	LK12B5U	01	LK12B5U	00	1	DBC	D5		25A		
42105		XA234	53		XA235	53			16B	9		SPI0052	06	LK12B1U	01	1	DBC	D1		26B		
43630		XA234	54								M	LK12B1U	01	LK12B1U	00	1	DBC	D1		26A	REQUEST TIMER BITS	
42083		XA234	55		XA229	50			16B	9		SPI0042	10	LK12B1U	01	2	DBC	D1		27B		
43631		XA234	56								M	LK12B2U	01	LK12B2U	00	1	DBC	D2		28B		
42204		XA234	57		XA235	63			16B	9		SPI0132	30	LK12B1U	01	3	DBC	D1		29B		
40451		XA234	58									GND	01				DBC					
42049		XA234	59		XA235	57			16B	9		SPI0032	06	LK12B1U	01	4	DBC	D1		30B		
41965		XA234	6T									SPA	01		01	1	DBC	A7				
CONNECTOR		XA234	CONTINUED ON THE NEXT PAGE ****																			

RECORD NUMBER	FROM				TO				WIRE				SPEC INET MISC	SIGNAL	SEQ NO	EQUATION	TERM	FACTOR	CKT OR CHIP TYPE	GRP	LOAD OR POWER PLANE	TEST POINTS		SIGNAL DESCRIPTION	ECO NO
	PREFIX	CONNECTOR	PIN	IN	PREFIX	CONNECTOR	PIN	IN	MULTI GROUP	CODE	COLOR	IDENT										ANG	OR		
43711		XA235	25										M	LXR096T	01	LXR096T	00	1	DBC	B7		12B			
41574		XA235	26											LXR091T	02	LXR091T	00	1	DBC	B2		13A			
41575		XA235	27		XA228	54				16B	9			LXR092T	01	LXR092T	00	1	DBC	B3		14A			
40102		XA235	28											+5V	01				DBC			08A			
41580		XA235	29											LXR097T	02	LXR097T	00	1	DBC	B8		13B			
43709		XA235	30										M	LXR093T	01	LXR093T	00	1	DBC	B4		15A			
41581		XA235	31		XA228	29				16B	9			LXR098T	01	LXR098T	00	1	DBC	B9		14B			
40455		XA235	32											GND	01				DBC			27A			
41578		XA235	33											LXR094T	02	LXR094T	00	1	DBC	B5		16A			
43712		XA235	34										M	LXR099T	01	LXR099T	00	1	DBC	B0		15B			
40792		XA235	35											LKRS0A	07	LK0685U	01	1	DBC	C5		16B			
43627		XA235	36										M	LK0685U	01	LK0685U	00	1	DBC	C5		17A			
40806		XA235	37		XA222	40				16B	9			LK05BP	01	LK0682U	01	1	DBC	C2		17B			
43624		XA235	38										M	LK0681U	01	LK0681U	00	1	DBC	C1		18A	REQUEST TIMER BITS		
42108		XA235	39		XA229	41				16B	9			SPI0052	09	LK0681U	01	1	DBC	C1		18B			
41969		XA235	4T											SPA	01	LXRAF4T	01	1	DBC	A5					
41970		XA235	4T											SPA	01	LXR094T	01	1	DBC	B5					
43625		XA235	40										M	LK0682U	01	LK0682U	00	1	DBC	C2		19A			
42081		XA235	41		XA235	59				16B	9			SPI0042	08	LK0681U	01	2	DBC	C1		19B			
43626		XA235	42										M	LK0683U	01	LK0683U	00	1	DBC	C3		20A			
42188		XA235	43		XA234	43				16B	9			SPI0132	14	LK0681U	01	3	DBC	C1		22B			
40456		XA235	44											GND	01				DBC			40B			
42051		XA235	45		XA234	45				16B	9			SPI0032	08	LK0681U	01	4	DBC	C1		23B			
40813		XA235	46											LK0684U	02	LK0684U	00	1	DBC	C4		21A			
42297		XA235	47		XA246	72				16B	9			SPI0122	09	LK0683U	01	1	DBC	C3		23A		B02	
42296		XA235	48		XA234	64				16B	9			SPI0182	11	LK0684U	01	1	DBC	C4		22A			B02
40798		XA235	49											LKRS1A	06	LK1885U	01	1	DBC	D5		24B			
41971		XA235	5T											SPA	01	LXR095T	01	1	DBC	B6					
41972		XA235	5T											SPA	01	LXRAF5T	01	1	DBC	A6					
42295		XA235	50		XA234	39				16B	9			SPI0162	14	LK0681U	01	5	DBC	C1		24A			B02
40826		XA235	51		XA221	34				16B	9			LK17BP	01	LK1882U	01	1	DBC	D2		25B			
43639		XA235	52										M	LK1885U	01	LK1885U	00	1	DBC	D5		25A			
42106		XA235	53		XA234	50				16B	9			SPI0052	07	LK1881U	01	1	DBC	D1		26B			
43636		XA235	54										M	LK1881U	01	LK1881U	00	1	DBC	D1		26A	REQUEST TIMER BITS		
42294		XA235	55		XA235	47				16B	9			SPI0122	08	LK1881U	01	2	DBC	D1		27B			B02
43637		XA235	56										M	LK1882U	01	LK1882U	00	1	DBC	D2		28B			
42050		XA235	57		XA235	45				16B	9			SPI0032	07	LK1881U	01	3	DBC	D1		29B			
40457		XA235	58											GND	01				DBC						
42082		XA235	59		XA234	55				16B	9			SPI0042	09	LK1881U	01	4	DBC	D1		30B			
41973		XA235	6T											SPA	01	LXR096T	01	1	DBC	B7					
41974		XA235	6T											SPA	01	LXRAF6T	01	1	DBC	A7					
43638		XA235	60										M	LK1883U	01	LK1883U	00	1	DBC	D3		28A			
42293		XA235	61		XA235	48				16B	9			SPI0182	10	LK1883U	01	1	DBC	D3		31B			B02
40832		XA235	62											LK1884U	02	LK1884U	00	1	DBC	D4		29A			
42205		XA235	63		XA241	65				16B	9			SPI0132	31	LK1881U	01	5	DBC	D1		31A			
42288		XA235	64		XA234	63				16B	9			SPI0162	07	LK1884U	01	1	DBC	D4		30A			B02
40194		XA235	65											DNW	01				DBC						
42287		XA235	66		XA235	64				16B	9			SPI0162	06	LXS035U	01	1	DBC	E5		32B			
40458		XA235	67											GND	01				DBC						
43714		XA235	68										M	LXS035U	01	LXS035U	00	1	DBC	E5		33A	I/O BUFFER REG BIT		
CONNECTOR		XA235	CONTINUED ON THE NEXT PAGE ***																						

RECORD NUMBER	FROM			TO			WIRE				SPEC INST WIRE	SIGNAL	SEQ NO	EQUATION	TERM	FACTOR	CKT OR CHIP TYPE	GROUP	LOAD OR POWER PLANE	TEST POINTS AND OR	SIGNAL DESCRIPTION	ECO NO
	PREFIX	CONNECTOR	PIN	PREFIX	CONNECTOR	PIN	MULTI GROUP	CODE	COLOR	IDEN.												
41647		XA235	69		XA234	69		168	9		LXSK00	01	LXS032U	01	1	DBC	E2		32A			
41975		XA235	7T								SPA	01	LXRAF7T	01	1	DBC	A8					
41976		XA235	7T								SPA	01	LXR097T	01	1	DBC	B8					
41672		XA235	70								LXS031U	04	LXS031U	00	1	DBC	E1		34A			
41308		XA235	71		XA219	55		168	9		LXDB0TA	01	LXS031U	01	1	DBC	E1		33B			
41676		XA235	72								LXS032U	04	LXS032U	00	1	DBC	E2		35A			
41311		XA235	73								LXDB0TB	02	LXS031U	01	2	DBC	E1		34B			
41680		XA235	74								LXS033U	04	LXS033U	00	1	DBC	E3		36A			
41312		XA235	75		XA219	60		168	9		LXDB0TC	01	LXS031U	01	3	DBC	E1		35B			
41684		XA235	76								LXS034U	04	LXS034U	00	1	DBC	E4		37A			
41315		XA235	77								LXDB0TD	02	LXS031U	01	4	DBC	E1		36B			
41417		XA235	78								LXGN3A	10	LXS034U	01	1	DBC	E4		38A			
41405		XA235	79		XA245	74		168	9		LXGN2A	05	LXS033U	01	1	DBC	E3		37B			
41977		XA235	8T								SPA	01	LXRAF8T	01	1	DBC	A9					
41978		XA235	8T								SPA	01	LXR098T	01	1	DBC	B9					
41390		XA235	80		XA245	72		168	9		LXGN1A	02	LXS031U	01	5	DBC	E1		38B			
41979		XA235	9T								SPA	01	LXRAF9T	01	1	DBC	A0					
41980		XA235	9T								SPA	01	LXR099T	01	1	DBC	B0					
41511		XA236	01		XA233	03		168	9		P LXRS1A	18	LXRS0B	01	2	TQ2	A2		02B			
41546		XA236	01								J LXRS1A	01	LXRS1A	00	1	TQ2	A2		02B	LXRS0B	BUSS	
40459		XA236	02								GND	01				TQ2			01A			
41539		XA236	03		XA236	04		168	9		LXRS00	01	LXRS2A	01	1	TQ2	A3		02A			
41540		XA236	04		XA236	08		168	9		LXRS00	02	LXRS1A	01	1	TQ2	A2		04A			
42311		XA236	05		XA236	07		168	9		SPIO162	30	LXRS1A	01	2	TQ2	A2		03B			
41493		XA236	06								J LXRS0A	01	LXRS0A	00	1	TQ2	A1		05A	LXRS0B	BUSS	
41510		XA236	06		XA236	01		168	9		P LXRS0A	17	LXRS0B	01	1	TQ2	A1		05A			
42312		XA236	07		XA236	10		168	9		SPIO162	31	LXRS2A	01	2	TQ2	A3		03A			
41541		XA236	08		XA239	27		168	9		LXRS00	03	LXRS0A	01	1	TQ2	A1		06A			
41509		XA236	09		XA236	06		168	9		P LXRS2A	16	LXRS0B	01	3	TQ2	A3		04B			
41550		XA236	09								J LXRS2A	01	LXRS2A	00	1	TQ2	A3		04B	LXRS0B	BUSS	
42313		XA236	10		XA246	61		168	9		SPIO162	32	LXRS0A	01	2	TQ2	A1		07A			
41430		XA236	11								LXINHS	02	LXINHR	01	1	TQ2	A4		05B			
40103		XA236	12								+5V	01				TQ2						
41431		XA236	13		XA233	43		168	9		LXIN0A	01	LXINHR	01	2	TQ2	A4		06B			
41902		XA236	14								LXX04A	03	LXX04A	00	1	TQ2	B2		09A			
41427		XA236	15		XA233	01		168	9		LXINHR	06	LXINHR	00	1	TQ2	A4		07B			
40460		XA236	16								GND	01				TQ2			01B			
41382		XA236	17								LXENAR	02	LXENAS	01	1	TQ2	B3		08B			
41777		XA236	18								LXXB00	02	LXX04A	01	1	TQ2	B2		10A			
41364		XA236	19								LXEA0A	04	LXENAS	01	2	TQ2	B3		09B			
41743		XA236	20		XA240	80		168	9		LXXA40	01	LXX04A	01	2	TQ2	B2		11A			
41385		XA236	21		XA238	14		168	9		LXENAS	03	LXENAS	00	1	TQ2	B3		10B	ENABLE ADDRESS F/F		
41246		XA236	22		XA238	22		168	9		LXCMAS	02	LXCMAS	00	1	TQ2	B1		12A	COMMAND ADDRESS F/F		
41235		XA236	23								LXCA1A	02	LXCA10	01	1	TQ2	B4		11B			
41244		XA236	24								LXCMAR	02	LXCMAS	01	1	TQ2	B1		13A			
42302		XA236	25		XA234	22		168	9		SPIO162	21	LXCA10	01	2	TQ2	B4		12B			
41232		XA236	26		XA238	76		168	9		LXCA0A	01	LXCMAS	01	2	TQ2	B1		14A			
41239		XA236	27		XA233	38		168	9		LXCA10	04	LXCA10	00	1	TQ2	B4		13B			
CONNECTOR XA236 CONTINUED ON THE NEXT PAGE ***																						

RECORD NUMBER	FROM			TO			WIRE				SFC INST MISC	SIGNAL	SEQ NO	EQUATION	TERM	FACTOR	CAT OR CHIP TYPE	GROUP	LOAD OR POWER PLANE	TEST POINTS AND/OR	SIGNAL DESCRIPTION	PCB NO
	PREFIX	CONNECTOR	PIN	PREFIX	CONNECTOR	PIN	ST/ID	MULTI GROUP	CODE	COLOR												
40104		XA236	28									+5V	01				TQ2					
41919		XA236	29		XA238	45			16B	9		LXOFRR	01	LXOFRS	01	1	TQ2	C3		14B		
41333		XA236	30		XA238	30			16B	9		LXDEVS	02	LXDEVS	00	1	TQ2	C2		15A	DEVICE COMMAND F/R	
41931		XA236	31		XA226	33			16B	9		LXOROA	01	LXOFRS	01	2	TQ2	C3		15B		
40461		XA236	32									GND	01				TQ2			20B		
41924		XA236	33		XA238	43			16B	9		LXOFRS	04	LXOFRS	00	1	TQ2	C3		16B	DER COMMAND E/E	
41331		XA236	34									LXDEVR	02	LXDEVS	01	1	TQ2	C2		16A		
42301		XA236	35		XA236	25			16B	9		SPIO162	20	LXGN2A	01	1	TQ2	C4		17B		
41352		XA236	36									LXDVOA	02	LXDEVS	01	2	TQ2	C2		17A		
42187		XA236	37		XA235	43			16B	9		SPIO132	13	LXGN2A	01	2	TQ2	C4		18B		
41349		XA236	38		XA217	01			16B	9		LXDVSS	02	LXDVSS	00	1	TQ2	C1		18A	DEVICE COMMAND F/R	
41403		XA236	39		XA234	79			16B	9		LXGN2A	03	LXGN2A	00	1	TQ2	C4		19B		
41346		XA236	40		XA238	35			16B	9		LXDVSR	01	LXDVSS	01	1	TQ2	C1		19A		
41782		XA236	41		XA231	24			16B	9		LXXB1Q	01	LXXB2A	01	1	TQ2	D3		22B		
41359		XA236	42		XA233	15			16B	9		LXDV5A	01	LXDVSS	01	2	TQ2	C1		20A		
41795		XA236	43		XA236	56			16B	9		LXXB2P	03	LXXB2A	01	2	TQ2	D3		23B		
40462		XA236	44									GND	01				TQ2			21B		
41791		XA236	45		XA240	65			16B	9		LXXB2A	03	LXXB2A	00	1	TQ2	D3		24B		
41778		XA236	46		XA240	71			16B	9		LXXB1A	01	LXXB1A	00	1	TQ2	D2		21A		
41773		XA236	47		XA230	24			16B	9		LXXB0Q	02	LXXB3A	01	1	TQ2	D4		25B		
41772		XA236	48		XA236	47			16B	9		LXXB0Q	01	LXXB1A	01	1	TQ2	D2		22A		
41798		XA236	49		XA231	25			16B	9		LXXB2Q	01	LXXB3A	01	2	TQ2	D4		26B		
41781		XA236	50									LXXB1P	02	LXXB1A	01	2	TQ2	D2		23A		
41807		XA236	51									LXXB3A	04	LXXB3A	00	1	TQ2	D4		27B	I/O BYTE COUNTER	
41767		XA236	52		XA240	77			16B	9		LXXB0A	04	LXXB0A	00	1	TQ2	D1		24A		
41724		XA236	53									LXXA1P	02	LXXA6A	01	1	TQ2	E3		28B		
41770		XA236	54		XA229	09			16B	9		LXXB0P	02	LXXB0A	01	1	TQ2	D1		25A		
41732		XA236	55		XA231	05			16B	9		LXXA2Q	01	LXXA6A	01	2	TQ2	E3		29B		
41796		XA236	56		XA238	72			16B	9		LXXB2P	04	LXXB0A	01	2	TQ2	D1		26A		
41752		XA236	57		XA228	08			16B	9		LXXA6A	01	LXXA6A	00	1	TQ2	E3		30B	I/O STATE COUNTER	
40463		XA236	58									GND	01				TQ2			27A		
41043		XA236	59									LXAD6A	02	LXADRO	01	1	TQ2	E4		31B		
41746		XA236	60									LXXA5A	02	LXXA5A	00	1	TQ2	E2		28A		
41044		XA236	61		XA239	80			16B	9		LXAD7A	01	LXADRO	01	2	TQ2	E4		32B		
41718		XA236	62		XA238	73			16B	9		LXXA0P	05	LXXA5A	01	1	TQ2	E2		29A		
41040		XA236	63		XA238	75			16B	9		LXADRO	02	LXADRO	00	1	TQ2	E4		33B		
41726		XA236	64		XA232	36			16B	9		LXXA1Q	02	LXXA5A	01	2	TQ2	E2		30A		
40908		XA236	65									LPD8CA	02	LPD8C0	01	1	TQ2	F3		34B		
41742		XA236	66									LXXA4A	02	LXXA4A	00	1	TQ2	E1		31A		
40464		XA236	67									GND	01				TQ2			40A		
41720		XA236	68		XA231	08			16B	9		LXXA0Q	01	LXXA4A	01	1	TQ2	E1		32A		
40917		XA236	69									LPD8C0	09	LPD8C0	00	1	TQ2	F3		35A		
41738		XA236	70		XA228	24			16B	9		LXXA3Q	01	LXXA4A	01	2	TQ2	E1		33A		
40896		XA236	71									LPCRC0	02	LPCRC0	01	1	TQ2	F2		36A		
40900		XA236	72									LPCRC0	04	LPCRC0	00	1	TQ2	F2		34A	NOT USED	
42286		XA236	73		XA235	66			16B	9		SPIO162	05	LPCRC0	01	2	TQ2	F2		36B		
42285		XA236	74		XA236	73			16B	9		SPIO162	04	LPD8C0	01	2	TQ2	F3		35B		
41565		XA236	75		XA238	79			16B	9		LXROPA	04	LXROPA	00	1	TQ2	F1		37B	I/O INPUT REG PART	
41713		XA236	76									LXXA00	02	LXXADA	01	1	TQ2	F4		37A		
41567		XA236	77		XA237	25			16B	9		LXROPFR	01	LXROPA	01	1	TQ2	F1		38B		
CONNECTOR		XA236	CONTINUED ON THE NEXT PAGE																			***

UNIT ASSEMBLY NAME CARD CAGE ASSY, A, IFCU

FILE IDENT T39C1FC6

DATE 09-03-82 PAGE

RECORD NUMBER	FROM			TO			WIRE			SIGNAL	SEQ NO	EQUATION	TERM	FACTOR	CKT OR CHIP TYPE	GROUP	LOAD OR POWER PLANE	TEST POINTS NO OR	SIGNAL DESCRIPTION	ECO NO
	PREFIX	CONNECTOR	PIN	PREFIX	CONNECTOR	PIN	SIZE	MULTI GROUP	CODE											
42284		XA236	78		XA236	74			16B	9								38A		
42283		XA236	79		XA236	78			16B	9								39B		
41711		XA236	80															39A	START I/O STATE	
60202		XA237	01											PAR				02B		
60460		XA237	02											PAR				01A		
62492		XA237	03		XA235	70			16B	9				PAR	A1			03B		
62307		XA237	04		XA234	76			16B	9				PAR	A1			02A		
62267		XA237	05		XA235	72			16B	9				PAR	A1			04B		
62316		XA237	06		XA234	74			16B	9				PAR	A1			03A		
62363		XA237	07		XA235	74			16B	9				PAR	A1			05B		
62469		XA237	08		XA234	72			16B	9				PAR	A1			04A		
62296		XA237	09		XA235	76			16B	9				PAR	A1			06B		
62284		XA237	10		XA234	70			16B	9				PAR	A1			05A		
62239		XA237	11											PAR	A1			07B		
60087		XA237	12											PAR				08A		
63780		XA237	13											PAR	A1			07A		
60203		XA237	14											PAR				06A		
60204		XA237	15											PAR				08B		
60461		XA237	16											PAR				01B		
62268		XA237	17		XA232	08			16B	9				PAR	B1			09B		
62240		XA237	18		XA239	59			16B	9				PAR	B1			09A		
62308		XA237	19		XA231	71			16B	9				PAR	B1			10B		
62470		XA237	20		XA239	53			16B	9				PAR	B1			10A		
62496		XA237	21		XA230	62			16B	9				PAR	B1			11B		
62283		XA237	22		XA240	60			16B	9				PAR	B1			11A		
62315		XA237	23		XA228	40			16B	9				PAR	B1			12B		
62364		XA237	24		XA240	66			16B	9				PAR	B1			12A		
63781		XA237	25		XA233	35			16B	9				PAR	B1			14A		
60205		XA237	26											PAR				13A		
62295		XA237	27		XA231	62			16B	9				PAR	B1			13B		
60088		XA237	28											PAR				08A		
60206		XA237	29											PAR				14B		
61837		XA237	30		XA345	34			16B	9				PAR	C1			15A		
61810		XA237	31		XA345	11			16B	9				PAR	C1			15B		
60462		XA237	32											PAR				20B		
61814		XA237	33		XA345	13			16B	9				PAR	C1			16B		
61834		XA237	34		XA345	38			16B	9				PAR	C1			16A		
61818		XA237	35		XA345	08			16B	9				PAR	C1			17B		
61829		XA237	36		XA345	33			16B	9				PAR	C1			17A		
61821		XA237	37		XA345	04			16B	9				PAR	C1			18B		
61826		XA237	38		XA345	31			16B	9				PAR	C1			18A		
61955		XA237	39		XA129	49			16B	9				PAR	C1			19B		
60207		XA237	40											PAR				19A		
60208		XA237	41											PAR				22B		
61458		XA237	42		XA344	50			16B	9				PAR	C1			20A	MXDSBPR FOR LP3	
61700		XA237	43		XA139	52			16B	9				PAR	D1			23B		
60463		XA237	44											PAR				27A		
61731		XA237	45		XA139	46			16B	9				PAR	D1			24B		
CONNECTOR		XA237	CONTINUED ON THE NEXT PAGE ****																	

RECORD NUMBER	FROM			TO			WIRE			SIGNAL	SEQ NO	EQUATION	TERM	FACTOR	C/T OR CHIP TYPE	GROUP	LOAD OR POWER PLANE	TEST POINTS	SIGNAL DESCRIPTION	ECO NO
	PREFIX	CONNECTOR	PIN	PREFIX	CONNECTOR	PIN	SIZE	MULTI GROUP	CODE											
61783		XA237	46		XA134	04			168	9								21A		
61738		XA237	47		XA139	45			168	9								25B		
61774		XA237	48		XA134	06			168	9								22A		
61746		XA237	49		XA139	51			168	9								26B		
61765		XA237	50		XA134	03			168	9								23A		
61610		XA237	51		XA139	33			168	9								27B		
61755		XA237	52		XA133	21			168	9								24A		
60209		XA237	53															28B		
60210		XA237	54															25A		
62480		XA237	55		XA237	76			168	9								29B		
61710		XA237	56		XA135	77			168	9								26A		
62244		XA237	57		XA234	41			168	9								28A		
60464		XA237	58															40A		
62314		XA237	59		XA246	55			168	9								30B		
62282		XA237	60		XA237	72			168	9								29A		
62294		XA237	61		XA222	20			168	9								31B		
62266		XA237	62		XA237	70			168	9								30A		
62310		XA237	63		XA237	77			168	9								32B		
62477		XA237	64															31A		
62396		XA237	65		XA246	65			168	9								33B		
60211		XA237	66															32A		
60465		XA237	67															40B		
63782		XA237	68															33A		
60212		XA237	69															34B		
62265		XA237	70		XA234	53			168	9								34A		
62293		XA237	71		XA237	61			168	9								35B		
62281		XA237	72		XA244	74			168	9								35A		
62243		XA237	73		XA237	57			168	9								36B		
62476		XA237	74		XA237	64			168	9								36A		
62395		XA237	75		XA237	65			168	9								37B		
62510		XA237	76		XA235	61			168	9								37A		
62309		XA237	77		XA244	70			168	9								38B		C01
60213		XA237	78															38A		
62313		XA237	79		XA237	59			168	9								39B		
63783		XA237	80															39A		
41200		XA238	01		XA233	18			168	9								02B		
40471		XA238	02															01A		
40207		XA238	03															TD4		
41425		XA238	04		XA238	08			168	9								04A		
40127		XA238	05		XA238	10			168	9								03B		
41093		XA238	06		XA233	26			168	9								05A		
41827		XA238	07		XA238	13			168	9								03A		
41426		XA238	08		XA236	15			168	9								06A		
41210		XA238	09															04B		PORT B DATA SEND
40126		XA238	10		XA238	62			168	9								07A		
41107		XA238	11															05B		PORT A DATA SEND
40107		XA238	12																	
41828		XA238	13		XA227	80			168	9								06B		
CONNECTOR XA238 CONTINUED ON THE NEXT PAGE ****																				

RECORD NUMBER	FROM			TO			MULTI GROUP	WIRE			SPEC INST WIRE	SIGNAL	SEQ NO	EQUATION	TERM	FACTOR	CCT OR CHIP TYPE	GROUP	LOAD OR POWER PLANE	TEST POINTS		SIGNAL DESCRIPTION	FCO NO
	PREFIX	CONNECTOR	PIN	PREFIX	CONNECTOR	PIN		CODE	COLOR	IDEN.										AND	OR		
41386		XA238	14									LXENAS	04	LXENAR	01	1	TD4	B2		09A			
40208		XA238	15									DNW	01				TD4						
40472		XA238	16									GND	01				TD4				20B		
40209		XA238	17									DNW	01				TD4						
41901		XA238	18		XA236	14			16B	9		LXX04A	02	LXENAR	01	2	TD4	B2			10A		
41789		XA238	19		XA238	25			16B	9		LXXB2A	01	LXENAR	01	3	TD4	B2			09B		
41508		XA238	20		XA236	09			16B	9		LXRS0B	15	LXENAR	01	4	TD4	B2			11A		
41381		XA238	21		XA236	17			16B	9		LXENAR	01	LXENAR	00	1	TD4	B2			10B		
41247		XA238	22									LXCMAS	03	LXCMAR	01	1	TD4	B1			12A		
41243		XA238	23		XA236	24			16B	9		LXCMAR	01	LXCMAR	00	1	TD4	B1			11B		
41900		XA238	24		XA238	18			16B	9		LXX04A	01	LXCMAR	01	2	TD4	B1			13A		
41790		XA238	25		XA236	45			16B	9		LXXB2A	02	LXCMAR	01	3	TD4	B1			12B		
41507		XA238	26		XA238	20			16B	9		LXRS0B	14	LXCMAR	01	4	TD4	B1			14A		
40210		XA238	27									DNW	01				TD4						
40108		XA238	28									+5V	01				TD4						
40211		XA238	29									DNW	01				TD4						
41334		XA238	30									LXDEVS	03	LXDEVR	01	1	TD4	C2			15A		
41764		XA238	31		XA238	38			16B	9		LXXB0A	01	LXDEVR	01	2	TD4	C2			15B		
40473		XA238	32									GND	01				TD4				21B		
41330		XA238	33		XA236	34			16B	9		LXDEVR	01	LXDEVR	00	1	TD4	C2			16B		
41804		XA238	34		XA238	40			16B	9		LXXB3A	01	LXDEVR	01	3	TD4	C2			16A		
41347		XA238	35									LXDVSR	02	LXDVSR	00	1	TD4	C1			17B		
41506		XA238	36		XA238	26			16B	9		LXRS0B	13	LXDEVR	01	4	TD4	C2			17A		
41348		XA238	37		XA236	38			16B	9		LXDVSS	01	LXDVSR	01	1	TD4	C1			18B		
41765		XA238	38		XA238	46			16B	9		LXXB0A	02	LXDVSR	01	2	TD4	C1			18A		
40212		XA238	39									DNW	01				TD4						
41805		XA238	40		XA238	48			16B	9		LXXB3A	02	LXDVSR	01	3	TD4	C1			19A		
40213		XA238	41									DNW	01				TD4						
41505		XA238	42		XA238	36			16B	9		LXRS0B	12	LXDVSR	01	4	TD4	C1			20A		
41925		XA238	43									LXOFRS	05	LXOFRR	01	1	TD4	D2			23B		
40474		XA238	44									GND	01				TD4				27A		
41920		XA238	45									LXOFRR	02	LXOFRR	00	1	TD4	D2			24B		
41766		XA238	46		XA236	52			16B	9		LXXB0A	03	LXOFRR	01	2	TD4	D2			21A		
41712		XA238	47		XA236	76			16B	9		LXXADO	01	LXXADO	00	1	TD4	D1			25B		
41806		XA238	48		XA236	51			16B	9		LXXB3A	03	LXOFRR	01	3	TD4	D2			22A		
41458		XA238	49		XA233	52			16B	9		LXRCLR	03	LXXADO	01	1	TD4	D1			26B		
41504		XA238	50		XA238	42			16B	9		LXRS0B	11	LXOFRR	01	4	TD4	D2			23A		
40214		XA238	51									DNW	01				TD4						
41465		XA238	52		XA239	30			16B	9		LXRENR	02	LXXADO	01	2	TD4	D1			24A		
40215		XA238	53									DNW	01				TD4						
41473		XA238	54									LXRPCR	03	LXXADO	01	3	TD4	D1			25A		
41197		XA238	55		XA239	18			16B	9		LXBSLOX	03	LXBRQA	01	1	TD4	E2			29B		
41702		XA238	56									LXXACA	02	LXXADO	01	4	TD4	D1			26A		
41185		XA238	57									LXBRQA	02	LXBRQA	00	1	TD4	E2			30B		
40475		XA238	58									GND	01				TD4				40A		
41078		XA238	59									LXARQA	02	LXARQA	00	1	TD4	E1			31B		
41424		XA238	60		XA238	04			16B	9		LXINHR	03	LXBRQA	01	2	TD4	E2			28A		
41090		XA238	61		XA239	24			16B	9		LXASLOX	03	LXARQA	01	1	TD4	E1			32B		
40125		XA238	62		XA238	68			16B	9		DEVINH	09	LXBRQA	01	3	TD4	E2			29A		
40216		XA238	63									DNW	01				TD4						
CONNECTOR		XA238	CONTINUED ON THE NEXT PAGE ***																				

RECORD NUMBER	FROM				TO				WIRE			SFC INST WIRE	SIGNAL	SEQ NO	EQUATION	TERM FACTOR	CAT OR CHIP TYPE	GROUP	LOAD OP POWER PLANE	TEST POINTS AND/OR	SIGNAL DESCRIPTION	ECO NO
	PREFIX	CONNECTOR	PIN	QTY	PREFIX	CONNECTOR	PIN	QTY	CODE	COLOR	IDENT											
41893		XA238	64		XA238	70			16B	9		LXXR0Q	03	LXBRQA	01	4	TD4	E2		30A		
40217		XA238	65									DNW	01				TD4					
41423		XA238	66		XA238	60			16B	9		LXINHR	02	LXARQA	01	2	TD4	E1		31A		
40476		XA238	67									GND	01				TD4			40B		
40124		XA238	68		XA232	24			16B	9		DEVINH	10	LXARQA	01	3	TD4	E1		32A		
41904		XA238	69									LXX05A	02	LXX05A	00	1	TD4	F2		35A	I/O STATE IS 5 I/O	
41894		XA238	70									LXXR0Q	04	LXARQA	01	4	TD4	E1		33A		
41769		XA238	71		XA236	54			16B	9		LXXBOP	01	LXX05A	01	1	TD4	F2		34A		
41797		XA238	72									LXXB2P	05	LXX05A	01	2	TD4	F2		34A		
41719		XA238	73									LXXA0P	06	LXX05A	01	3	TD4	F2		34B		
41725		XA238	74		XA236	64			16B	9		LXXA1Q	01	LXX05A	01	4	TD4	F2		35B		
41041		XA238	75									LXADRO	03	LXCA0A	01	1	TD4	F1		37B		
41233		XA238	76									LXCA0A	02	LXCA0A	00	1	TD4	F1		37A	SET COMMAND ADDRESS	
41460		XA238	77		XA240	38			16B	9		LXRCMS	01	LXCA0A	01	2	TD4	F1		38B		
41906		XA238	78		XA239	72			16B	9		LXX050	02	LXCA0A	01	3	TD4	F1		38A		
41566		XA238	79									LXROPA	05	LXCA0A	01	4	TD4	F1		39B		
40218		XA238	80									DNW	01				TD4					
41167		XA239	01									LXBIEA	03	LXBIEA	00	1	TQ2	A2		02B		
40477		XA239	02									GND	01				TQ2			01A		
42184		XA239	03		XA236	37			16B	9		SPIO132	10	LXGN1A	01	1	TQ2	A3		02A		
41199		XA239	04		XA238	01			16B	9		LXBSLOX	05	LXBIEA	01	1	TQ2	A2		04A		
41871		XA239	05									LXXDRA	03	LXBIEA	01	2	TQ2	A2		03B		
41054		XA239	06		XA240	03			16B	9		LXAIEA	01	LXAIEA	00	1	TQ2	A1		05A		
42323		XA239	07		XA239	13			16B	9		SPIO172	07	LXGN1A	01	2	TQ2	A3		03A		
41092		XA239	08		XA238	06			16B	9		LXASLOX	05	LXAIEA	01	1	TQ2	A1		06A		
41396		XA239	09		XA229	18			16B	9		LXGN1A	08	LXGN1A	00	1	TQ2	A3		04B	SOFT GROUND	
41870		XA239	10		XA239	05			16B	9		LXXDRA	02	LXAIEA	01	2	TQ2	A1		07A		
41448		XA239	11		XA244	76			16B	9		LXPRSOX	01	LXPRSA	01	1	TQ2	A4		05B		
40109		XA239	12									+5V	01				TQ2					
42324		XA239	13		XA240	13			16B	9		SPIO172	08	LXPRSA	01	2	TQ2	A4		06B		
41191		XA239	14		XA228	49			16B	9		LXBSLA	01	LXBSLA	00	1	TQ2	B2		09A	PORT B SELECT	
41444		XA239	15		XA232	22			16B	9		LXPRSA	01	LXPRSA	00	1	TQ2	A4		07B	CAP PANEL RESET	
40478		XA239	16									GND	01				TQ2			01B		
40728		XA239	17		XA245	68			16B	9		LDMNDX	01	LDMNDA	01	1	TQ2	B3		08B		
41198		XA239	18		XA239	04			16B	9		LXBSLOX	04	LXBSLA	01	1	TQ2	B2		10A		
40714		XA239	19		XA240	14			16B	9		LDMNCO	01	LDMNDA	01	2	TQ2	B3		09B		
42326		XA239	20		XA240	19			16B	9		SPIO172	10	LXBSLA	01	2	TQ2	B2		11A		
40718		XA239	21		XA240	17			16B	9		LDMNDA	01	LDMNDA	00	1	TQ2	B3		10B		
41084		XA239	22		XA228	47			16B	9		LXASLA	01	LXASLA	00	1	TQ2	B1		12A	PORT A SELECT	
41662		XA239	23									LXST1A	03	LXRS00	01	1	TQ2	B4		11B		
41091		XA239	24		XA239	08			16B	9		LXASLOX	04	LXASLA	01	1	TQ2	B1		13A		
42332		XA239	25		XA239	37			16B	9		SPIO172	16	LXRS00	01	2	TQ2	B4		12B		
42331		XA239	26		XA239	25			16B	9		SPIO172	15	LXASLA	01	2	TQ2	B1		14A		
41542		XA239	27		XA227	29			16B	9		LXRS00	04	LXRS00	00	1	TQ2	B4		13B		
40110		XA239	28									+5V	01				TQ2					
41475		XA239	29		XA237	27			16B	9		LXRPCS	02	LXRPCR	01	1	TQ2	C3		14B		
41466		XA239	30		XA240	34			16B	9		LXRENR	03	LXRENR	00	1	TQ2	C2		15A		
41489		XA239	31		XA227	06			16B	9		LXRRSA	11	LXRPCR	01	2	TQ2	C3		15B		
CONNECTOR		XA239	CONTINUED ON THE NEXT PAGE ***																			

RECORD NUMBER	FROM			TO			WIRE				SIGNAL	SEQ 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											
40479		XA239	32								GND	01				TQ2			20B		
41472		XA239	33		XA238	54					LXRPCR	02	LXRPCR	00	1	TQ2	C3		16B		
41469		XA239	34		XA226	08					LXRENS	02	LXRENR	01	1	TQ2	C2		16A		
41758		XA239	35		XA233	50					LXXBC0	01	LXXBCA	01	1	TQ2	C4		17B		
41488		XA239	36		XA239	31					LXRRSA	10	LXRENR	01	2	TQ2	C2		17A		
42333		XA239	37		XA240	37					SPIO172	17	LXXBCA	01	2	TQ2	C4		18B		
41457		XA239	38		XA238	49					LXRCMR	02	LXRCMR	00	1	TQ2	C1		18A		
41757		XA239	39								LXXBCA	04	LXXBCA	00	1	TQ2	C4		19B	RESET I/O BYTE COUN	
41462		XA239	40		XA233	46					LXRCMS	03	LXRCMR	01	1	TQ2	C1		19A		
41596		XA239	41		XA237	21					LXR2CS	02	LXR2CR	01	1	TQ2	D3		22B		
41487		XA239	42		XA239	36					LXRRSA	09	LXRCMR	01	2	TQ2	C1		20A		
41486		XA239	43		XA239	42					LXRRSA	08	LXR2CR	01	2	TQ2	D3		23B		
40480		XA239	44								GND	01				TQ2			21B		
41593		XA239	45		XA240	41					LXR2CR	03	LXR2CR	00	1	TQ2	D3		24B		
41585		XA239	46		XA240	48					LXR1CR	03	LXR1CR	00	1	TQ2	D2		21A		
41603		XA239	47		XA237	23					LXR3CS	02	LXR3CR	01	1	TQ2	D4		25B		
41588		XA239	48		XA237	19					LXR1CS	02	LXR1CR	01	1	TQ2	D2		22A		
41485		XA239	49		XA239	43					LXRRSA	07	LXR3CR	01	2	TQ2	D4		26B		
41484		XA239	50		XA239	49					LXRRSA	06	LXR1CR	01	2	TQ2	D2		23A		
41600		XA239	51		XA232	49					LXR3CR	02	LXR3CR	00	1	TQ2	D4		27B		
41555		XA239	52		XA232	43					LXR0CR	02	LXR0CR	00	1	TQ2	D1		24A		
41631		XA239	53		XA240	57					LXR6CS	04	LXR6CR	01	1	TQ2	E3		28B		
41558		XA239	54		XA237	17					LXR0CS	02	LXR0CR	01	1	TQ2	D1		25A		
41482		XA239	55		XA239	56					LXRRSA	04	LXR6CR	01	2	TQ2	E3		29B		
41483		XA239	56		XA239	50					LXRRSA	05	LXR0CR	01	2	TQ2	D1		26A		
41626		XA239	57		XA240	53					LXR6CR	02	LXR6CR	00	1	TQ2	E3		30B		
40481		XA239	58								GND	01				TQ2			27A		
41641		XA239	59		XA240	63					LXR7CS	04	LXR7CR	01	1	TQ2	E4		31B		
41617		XA239	60		XA240	62					LXR5CR	02	LXR5CR	00	1	TQ2	E2		28A		
41481		XA239	61		XA239	55					LXRRSA	03	LXR7CR	01	2	TQ2	E4		32B		
41623		XA239	62		XA229	62					LXR5CS	05	LXR5CR	01	1	TQ2	E2		29A		
41636		XA239	63		XA232	56					LXR7CR	02	LXR7CR	00	1	TQ2	E4		33B		
41480		XA239	64		XA239	61					LXRRSA	02	LXR5CR	01	2	TQ2	E2		30A		
43601		XA239	65		XA242	41					TXADE04	03	LXAD6A	01	1	TQ2	F3		34B		
41809		XA239	66		XA240	68					LXR4CR	03	LXR4CR	00	1	TQ2	E1		31A		
40482		XA239	67								GND	01				TQ2			40A		
41614		XA239	68		XA230	71					LXR4CS	04	LXR4CR	01	1	TQ2	E1		32A		
41042		XA239	69		XA236	59					LXAD6A	01	LXAD6A	00	1	TQ2	E3		35A		
41479		XA239	70		XA239	64					LXRRSA	01	LXR4CR	01	2	TQ2	E1		33A		
41903		XA239	71		XA238	69					LXX05A	01	LXX050	01	1	TQ2	E2		36A		
41907		XA239	72								LXX050	03	LXX050	00	1	TQ2	F2		34A		
42343		XA239	73		XA240	73					SPIO172	27	LXX050	01	2	TQ2	F2		36B		
41633		XA239	74		XA229	77					LXR6CS	06	LXAD6A	01	2	TQ2	F3		35B		
41751		XA239	75								LXXA50	05	LXXA50	00	1	TQ2	F1		37B	I/O STATE COUNTER	
41037		XA239	76		XA228	80					LXADEA	03	LXAD7A	01	1	TQ2	F4		37A		
41745		XA239	77		XA236	60					LXXA5A	01	LXXA50	01	1	TQ2	F1		38B		
41643		XA239	78		XA229	71					LXR7CS	06	LXAD7A	01	2	TQ2	F4		38A		
42342		XA239	79		XA239	73					SPIO172	26	LXXA50	01	2	TQ2	E1		39B		
41045		XA239	80								LXAD7A	02	LXAD7A	00	1	TQ2	F4		39A		

UNIT ASSEMBLY NAME CARD CAGE ASSY, A, IFCU

FILE IDENT T39C1FC6

DATE 09-03-82

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RECORD NUMBER	FROM			TO			WIRE			SPEC INST. DISC	SIGNAL	SEQ NO	EQUATION	TERM	FACTOR	CKT OR CHIP TYPE	GROUP	LOAD OR POWER PLANE	TEST POINTS AND OR	SIGNAL DESCRIPTION	ECO NO
	PREFIX	CONNECTOR	PIN	PREFIX	CONNECTOR	PIN	SIZE	MULTI GROUP	CODE												
41065		XA240	01								LXAIEO	09	LXAIEO	00	1	TQ2	A2		02B	PORT A DATA RECEIV	
40483		XA240	02								GND	01				TQ2			01A		
41055		XA240	03		XA240	04			16B	9	LXAIEA	02	LXAIFO	01	1	TQ2	A3		02A		
41056		XA240	04								LXAIEA	03	LXAIEO	01	1	TQ2	A2		04A		
42321		XA240	05		XA240	07			16B	9	SPIO172	05	LXAIEO	01	2	TQ2	A2		03B		
41869		XA240	06		XA239	10			16B	9	LXXDRA	01	LXXDRA	00	1	TQ2	A1		05A	DATA RECEIVE INHIB	
42322		XA240	07		XA239	07			16B	9	SPIO172	06	LXAIFO	01	2	TQ2	A3		03A		
41873		XA240	08								LXXDRO	02	LXXDRA	01	1	TQ2	A1		06A		
41066		XA240	09		XA242	29			16B	9	LXAIFO	01	LXAIFO	00	1	TQ2	A3		04B		
42320		XA240	10		XA240	05			16B	9	SPIO172	04	LXXDRA	01	2	TQ2	A1		07A		
41166		XA240	11		XA239	01			16B	9	LXBIEA	02	LXBIEO	01	1	TQ2	A4		05B		
40111		XA240	12								+5V	01				TQ2					
42325		XA240	13		XA239	20			16B	9	SPIO172	09	LXBIEO	01	2	TQ2	A4		06B		
40715		XA240	14								LDMNC0	02	LDMNC0	00	1	TQ2	B2		09A		
41172		XA240	15		XA241	11			16B	9	LXBIEO	05	LXBIEO	00	1	TQ2	A4		07B	PORT B DATA RECEIV	
40484		XA240	16								GND	01				TQ2			01B		
40719		XA240	17								LDMNDA	02	LDMNDO	01	1	TQ2	B3		08B		
40717		XA240	18								LDMNC0X	02	LDMNC0	01	1	TQ2	B2		10A		
42327		XA240	19		XA240	20			16B	9	SPIO172	11	LDMNDO	01	2	TQ2	B3		09B		
42328		XA240	20		XA240	26			16B	9	SPIO172	12	LDMNC0	01	2	TQ2	B2		11A		
40726		XA240	21		XA222	05			16B	9	LDMNDO	01	LDMNDO	00	1	TQ2	B3		10B		
41180		XA240	22								LXBIEO	04	LXBIEO	00	1	TQ2	B1		12A		
43736		XA240	23		XA340	23			16B	9	T04MHK	02	L04MZ0	01	1	TQ2	B4		11B		
41165		XA240	24		XA240	11			16B	9	LXBIEA	01	LXBIEO	01	1	TQ2	B1		13A		
42330		XA240	25		XA239	26			16B	9	SPIO172	14	L04MZ0	01	2	TQ2	B4		12B		
42329		XA240	26		XA240	25			16B	9	SPIO172	13	LXBIEO	01	2	TQ2	B1		14A		
41943		XA240	27		XA231	30			16B	9	L04MZ0	01	L04MZ0	00	1	TQ2	B4		13B	4 MHZ RECEIVER	
40112		XA240	28								+5V	01				TQ2					
41471		XA240	29		XA239	33			16B	9	LXRPCR	01	LXRPCS	01	1	TQ2	C3		14B		
41468		XA240	30		XA239	34			16B	9	LXRENS	01	LXRENS	00	1	TQ2	C2		15A	I/O INPUT REG ENAB	
41073		XA240	31								LXAPCB4	04	LXRPCS	01	2	TQ2	C3		15B		
40485		XA240	32								GND	01				TQ2			20B		
41474		XA240	33		XA239	29			16B	9	LXRPCS	01	LXRPCS	00	1	TQ2	C3		16B		
41467		XA240	34								LXRENR	04	LXRENS	01	1	TQ2	C2		16A		
41708		XA240	35		XA232	47			16B	9	LXXACO	01	LXXACA	01	1	TQ2	C4		17B		
41046		XA240	36		XA241	33			16B	9	LXAENB4	01	LXRENS	01	2	TQ2	C2		17A		
42334		XA240	37		XA241	37			16B	9	SPIO172	18	LXXACA	01	2	TQ2	C4		18B		
41461		XA240	38		XA239	40			16B	9	LXRCMS	02	LXRCMS	00	1	TQ2	C1		18A	I/O INPUT REG COMM	
41701		XA240	39		XA238	56			16B	9	LXXACA	01	LXXACA	00	1	TQ2	C4		19B		
41456		XA240	40		XA239	38			16B	9	LXRCMR	01	LXRCMS	01	1	TQ2	C1		19A		
41594		XA240	41								LXR2CR	04	LXR2CS	01	1	TQ2	D3		22B		
41027		XA240	42		XA241	30			16B	9	LXACMB4	01	LXRCMS	01	2	TQ2	C1		20A		
41118		XA240	43								LXA2CB4	04	LXR2CS	01	2	TQ2	D3		23B		
40486		XA240	44								GND	01				TQ2			21B		
41595		XA240	45		XA239	41			16B	9	LXR2CS	01	LXR2CS	00	1	TQ2	D3		24B		
41587		XA240	46		XA239	48			16B	9	LXR1CS	01	LXR1CS	00	1	TQ2	D2		21A		
41599		XA240	47		XA239	51			16B	9	LXR3CR	01	LXR3CS	01	1	TQ2	D4		25B		
41586		XA240	48								LXR1CR	04	LXR1CS	01	1	TQ2	D2		22A		
41125		XA240	49								LXA3CB4	04	LXR3CS	01	2	TQ2	D4		26B		
41108		XA240	50		XA241	01			16B	9	LXA1CB4	01	LXR1CS	01	2	TQ2	D2		23A		
CONNECTOR XA240 CONTINUED ON THE NEXT PAGE ****																					

RECORD NUMBER	FROM				TO				WIRE				SIGNAL	SEQ NO	EQUATION	TERM	FACTOR	CKT OR CHIP TYPE	GROUP	LOAD OR POWER PLANE	TEST POINTS AND/OR	SIGNAL DESCRIPTION	ECO NO
	PREFIX	CONNECTOR	PIN	NO	PREFIX	CONNECTOR	PIN	NO	MULTI GROUP	CODE	LOLOR	IDEA											
41602		XA240	51		XA239	47			168	9			LXR3CS	01	LXR3CS	00	1	TQ2	D4		27B		
41557		XA240	52		XA239	54			168	9			LXROC S	01	LXROC S	00	1	TQ2	D1		24A		
41627		XA240	53										LXR6CR	03	LXR6CS	01	1	TQ2	E3		28B		
41554		XA240	54		XA239	52			168	9			LXROCR	01	LXROC S	01	1	TQ2	D1		25A		
41146		XA240	55										LXA6CB4	04	LXR6CS	01	2	TQ2	E3		29B		
41100		XA240	56										LXA0CB4	04	LXROC S	01	2	TQ2	D1		26A		
41632		XA240	57		XA239	74			168	9			LXR6CS	05	LXR6CS	00	1	TQ2	E3		30B		
40487		XA240	58										GND	01				TQ2			27A		
41635		XA240	59		XA239	63			168	9			LXR7CR	01	LXR7CS	01	1	TQ2	E4		31B		
41622		XA240	60		XA239	62			168	9			LXR5CS	04	LXR5CS	00	1	TQ2	E2		28A		
41153		XA240	61										LXA7CB4	04	LXR7CS	01	2	TQ2	E4		32B		
41618		XA240	62										LXR5CR	03	LXR5CS	01	1	TQ2	E2		29A		
41642		XA240	63		XA239	78			168	9			LXR7CS	05	LXR7CS	00	1	TQ2	E4		33B		
41139		XA240	64										LXA5CB4	04	LXR5CS	01	2	TQ2	E2		30A		
41792		XA240	65										LXXB2A	04	LXXB20	01	1	TQ2	F3		34B		
41613		XA240	66		XA239	68			168	9			LXR4CS	03	LXR4CS	00	1	TQ2	E1		31A		
40488		XA240	67										GND	01				TQ2			40A		
41610		XA240	68										LXR4CR	04	LXR4CS	01	1	TQ2	E1		32A		
41803		XA240	69										LXXB20	04	LXXB20	00	1	TQ2	F3		35A	I/O BYTE COUNTER	
41129		XA240	70		XA241	22			168	9			LXA4CB4	01	LXR4CS	01	2	TQ2	E1		33A		
41779		XA240	71										LXXB1A	02	LXXB10	01	1	TQ2	F2		36A		
41788		XA240	72										LXXB10	04	LXXB10	00	1	TQ2	F2		34A	I/O BYTE COUNTER	
42344		XA240	73		XA240	74			168	9			SPIO172	28	LXXB10	01	2	TQ2	F2		36B		
42345		XA240	74		XA241	74			168	9			SPIO172	29	LXXB20	01	2	TQ2	F3		35B		
41776		XA240	75		XA236	18			168	9			LXXB00	01	LXXB00	00	1	TQ2	F1		37B	I/O BYTE COUNTER	
41741		XA240	76		XA236	66			168	9			LXXA4A	01	LXXA40	01	1	TQ2	F4		37A		
41768		XA240	77										LXXB0A	05	LXXB00	01	1	TQ2	F1		38B		
42340		XA240	78		XA240	79			168	9			SPIO172	24	LXXA40	01	2	TQ2	F4		38A		
42341		XA240	79		XA239	79			168	9			SPIO172	25	LXXB00	01	2	TQ2	F1		39B		
41744		XA240	80										LXXA40	02	LXXA40	00	1	TQ2	F4		39A	I/O STATE COUNTER	
41109		XA241	01		XA242	01			168	9		P	LXB1CD	02	LXA1CB4	02	1	TLD	A2		02B		
41211		XA241	01									J	LXB1CD	01	LXB1CD	00	1	TLD	A2		02B	LXA1CB4 BUSS	
40489		XA241	02										GND	01				TLD			01A		
64363		XA241	02		XA345	42			168	9			MB06ABR	02				TLD			01A		
41174		XA241	03		XA241	04			168	9			LXBIE0	07	LXB2CD	01	1	TLD	A3		02A		
41175		XA241	04		XA241	08			168	9			LXBIE0	08	LXB1CD	01	1	TLD	A2		04A		
41212		XA241	05		XA244	15			168	9			LXS1COX	01	LXB1CD	01	2	TLD	A2		03B		
41099		XA241	06		XA240	56			168	9		P	LXB0CD	03	LXA0CB4	02	1	TLD	A1		05A	PORT A/R DATA LINE	
41204		XA241	06									J	LXB0CD	01	LXB0CD	00	1	TLD	A1		05A	LXA0CB4 BUSS	
41215		XA241	07		XA244	10			168	9			LXB2COX	01	LXB2CD	01	2	TLD	A3		03A		
41176		XA241	08										LXBIE0	09	LXB0CD	01	1	TLD	A1		06A		
41117		XA241	09		XA240	43			168	9		P	LXB2CD	03	LXA2CB4	02	1	TLD	A3		04B		
41214		XA241	09									J	LXB2CD	01	LXB2CD	00	1	TLD	A3		04B	LXA2CB4 BUSS	
41205		XA241	10		XA244	09			168	9			LXB0COX	01	LXB0CD	01	2	TLD	A1		07A		
41173		XA241	11		XA241	03			168	9			LXBIE0	06	LXB3CD	01	1	TLD	A4		05B		
40113		XA241	12										+5V	01				TLD					
41218		XA241	13		XA244	03			168	9			LXB3COX	01	LXB3CD	01	2	TLD	A4		06B		
41138		XA241	14		XA240	64			168	9		P	LXB5CD	03	LXA5CB4	02	1	TLD	B2		09A		
CONNECTOR		XA241	CONTINUED ON THE NEXT PAGE ***																				

RECORD NUMBER	FROM				TO				WIRE				SIGNAL	SEQ NO	EQUATION	TERM	FACTOR	CAT OR CHIP TYPE	GROUP	LOAD OR POWER PLANE	TEST POINTS AND/OR	SIGNAL DESIGNATION	ECC NO		
	PREFIX	CONNECTOR	PIN	TO PIN	PREFIX	CONNECTOR	PIN	TO PIN	MULTI GROUP	CODE	COLOR	IDENT												SPEC INST WIRE	
41223		XA241	14										J	LXB5CD	01	LXB5CD	00	1	TLD	B2		09A	LXA5CB4 BUSS		
41124		XA241	15			XA240	49			168	9		P	LXB3CD	03	LXA3CB4	02	1	TLD	A4		07B			
41217		XA241	15										J	LXB3CD	01	LXB3CD	00	1	TLD	A4		07B	LXA3CB4 BUSS		
40490		XA241	16											GND	01				TLD			01B			
64268		XA241	16	1		XA250	08	1		168	9			LPDB4BR	01				TLD			01B		A01	
64272		XA241	16	2		XA250	10	2		168	9			LPDB5DR	01				TLD			01B		A01	
64276		XA241	16	3		XA250	12	3		168	9			LPDB6DR	01				TLD			01B		A01	
41171		XA241	17			XA240	15			168	9			LXBIE0	04	LXB6CD	01	1	TLD	B3		08B			
41170		XA241	18			XA241	17			168	9			LXBIE0	03	LXB5CD	01	1	TLD	B2		10A			
41227		XA241	19			XA244	40			168	9			LXB6COX	01	LXB6CD	01	2	TLD	B3		09B			
41224		XA241	20			XA244	35			168	9			LXB5COX	01	LXB5CD	01	2	TLD	B2		11A			
41145		XA241	21			XA240	55			168	9		P	LXB6CD	03	LXA6CB4	02	1	TLD	B3		10B			
41226		XA241	21										J	LXB6CD	01	LXB6CD	00	1	TLD	B3		10B	LXA6CB4 BUSS		
41130		XA241	22			XA242	22			168	9		P	LXB4CD	02	LXA4CB4	02	1	TLD	B1		12A	LXA4CB4 BUSS		
41220		XA241	22										J	LXB4CD	01	LXB4CD	00	1	TLD	B1		12A			
41168		XA241	23			XA241	24			168	9			LXBIE0	01	LXB7CD	01	1	TLD	B4		11B			
41169		XA241	24			XA241	18			168	9			LXBIE0	02	LXB4CD	01	1	TLD	B1		13A			
41230		XA241	25			XA244	30			168	9			LXB7COX	01	LXB7CD	01	2	TLD	B4		12B			
41221		XA241	26			XA244	29			168	9			LXB4COX	01	LXB4CD	01	2	TLD	B1		14A			
41152		XA241	27			XA240	61			168	9		P	LXB7CD	03	LXA7CB4	02	1	TLD	B4		13B	PORT A/B DATA LINE		
41229		XA241	27										J	LXB7CD	01	LXB7CD	00	1	TLD	B4		13B	LXA7CB4 BUSS		
40114		XA241	28											+5V	01				TLD						
41179		XA241	29			XA240	22			168	9			LXBIF0	03	LXBEND	01	1	TLD	C3		14B			
41028		XA241	30			XA242	30			168	9		P	LXBCMD	02	LXACMB4	02	1	TLD	C2		15A	PORT A/B COMMAND		
41157		XA241	30										J	LXBCMD	01	LXBCMD	00	1	TLD	C2		15A	LXACMB4 BUSS		
41163		XA241	31			XA244	56			168	9			LXBENOX	02	LXBEND	01	2	TLD	C3		15B			
40491		XA241	32											GND	01				TLD			21B			
64365		XA241	32			XA344	42			168	9			M8068BR	02				TLD			21B			
41047		XA241	33			XA242	33			168	9		P	LXBEND	02	LXAENB4	02	1	TLD	C3		16B	PORT A/B ENABLE		
41161		XA241	33										J	LXBEND	01	LXBEND	00	1	TLD	C3		16B	LXAENB4 BUSS		
41178		XA241	34			XA241	29			168	9			LXBIF0	02	LXBCMD	01	1	TLD	C2		16A			
40855		XA241	35											LLPF1R	03	LLQFFD1	01	1	TLD	C4		17B			
41159		XA241	36			XA244	47			168	9			LXBCMOX	02	LXBCMD	01	2	TLD	C2		17A			
42335		XA241	37			XA241	43			168	9			SPIO172	19	LLQFFD1	01	2	TLD	C4		18B			
41072		XA241	38			XA240	31			168	9		P	LXBPCD	03	LXAPCB4	02	1	TLD	C1		18A	PORT A/B PARITY		
41181		XA241	38										J	LXBPCD	01	LXBPCD	00	1	TLD	C1		18A	LXAPCB4 BUSS		
40887		XA241	39			XA243	38			168	9			LLQFFD1	01	LLQFFD1	00	1	TLD	C4		19B	PRINTER FORM FEED		
41177		XA241	40			XA241	34			168	9			LXBIF0	01	LXBPCD	01	1	TLD	C1		19A			
41659		XA241	41											LXST00	03	LLPRSD1	01	1	TLD	D3		22B			
41182		XA241	42			XA244	48			168	9			LXBPCOX	01	LXBPCD	01	2	TLD	C1		20A			
42336		XA241	43			XA241	50			168	9			SPIO172	20	LLPRSD1	01	2	TLD	D3		23B			
40492		XA241	44											GND	01				TLD			27A			
64367		XA241	44			XA345	21			168	9			M807ABR	02				TLD			27A			
40865		XA241	45			XA243	29			168	9			LLPRSD1	01	LLPRSD1	00	1	TLD	D3		24B	PRINTER RESET WHEN		
40840		XA241	46			XA243	25			168	9			LLPFFD1	01	LLPFFD1	00	1	TLD	D2		21A	PRINTER FORM FEED		
40942		XA241	47											LPDSCA	03	LLQSD1	01	1	TLD	D4		25B			
40859		XA241	48											LLPF1S	04	LLPFFD1	01	1	TLD	D2		22A			
40903		XA241	49											LPCRSA	03	LLQSD1	01	2	TLD	D4		26B			
42337		XA241	50			XA241	56			168	9			SPIO172	21	LLPFFD1	01	2	TLD	D2		23A			
40884		XA241	51			XA243	30			168	9			LLQSD1	01	LLQSD1	00	1	TLD	D4		27B	PRINTER DATA STRB		
	CONNECTOR	XA241	CONTINUED ON THE NEXT PAGE				***																		

RECORD NUMBER	FROM			TO			WIRE		IDENT	SPEC. WISE	SIGNAL	SEQ NO	EQUATION	3 TERM	FACTOR	CAT OR CHIP TYPE	GROUP	LOAD OR POWER PLANE	TEST POINTS AND/OR	SIGNAL DESCRIPTION	ECO NO
	PREFIX	CONNECTOR	PIN	PREFIX	CONNECTOR	PIN	MULTI GROUP	CODE													
40939		XA241	52		XA243	23		168	9		LLPDS01	01	LLPDS01	00	1	TLD	D1		24A	PRINTER DATA STROB	
40909		XA241	53		XA242	59		168	9		LPD8C0	01	LPD84D	01	1	TLD	E3		28B		
40943		XA241	54		XA223	21		168	9		LPDSC0	01	LLPDS01	01	1	TLD	D1		25A		
40759		XA241	55								LD04B0	03	LPD84D	01	2	TLD	E3		29B		
42338		XA241	56		XA241	59		168	9		SPT0172	22	LLPDS01	01	2	TLD	D1		26A		
40932		XA241	57							P	LP084D	03	LPD84B1	01	1	TLD	E3		30B	PRINTER DATA BIT 4	
40933		XA241	57							J	LP084D	01	LPD84D	00	1	TLD	E3		30B	LPD84B1 BUSS	
40493		XA241	58								GND	01				TLD			40A		
42339		XA241	59		XA240	78		168	9		SPT0172	23		01	1	TLD	E4		31B		
40926		XA241	60		XA242	60		168	9	P	LPD83D	01	LPD83B1	01	1	TLD	E2		28A	PRINTER DATA BIT 3	
40929		XA241	60							J	LPD83D	01	LPD83D	00	1	TLD	E2		28A	LPD83B1 BUSS	
42209		XA241	61		XA241	78		168	9		SPT0132	35		01	2	TLD	E4		32B		
40911		XA241	62		XA241	68		168	9		LPD8C0	03	LPD83D	01	1	TLD	E2		29A		
43731		XA241	63							M	SP0001	01		00	1	TLD	E4		33B		
40762		XA241	64								LD05B0	03	LPD83D	01	2	TLD	E2		30A		
42208		XA241	65		XA241	61		168	9		SPT0132	34		01	1	TLD	F3		34B		
40920		XA241	66		XA242	66		168	9	P	LPD81D	01	LPD81B1	01	1	TLD	E1		31A	PRINTER DATA BIT 1	
40923		XA241	66							J	LPD81D	01	LPD81D	00	1	TLD	E1		31A	LPD81B1 BUSS	
40494		XA241	67								GND	01				TLD					
40912		XA241	68		XA242	71		168	9		LPD8C0	04	LPD81D	01	1	TLD	E1		32A		
43732		XA241	69							M	SP0002	01		00	1	TLD	F3		35A		
40768		XA241	70								LD07B0	03	LPD81D	01	2	TLD	E1		33A		
40916		XA241	71		XA236	69		168	9		LPD8C0	08	LPD87D1	01	1	TLD	F2		36A		
40939		XA241	72		XA243	45		168	9		LPD87D1	01	LPD87D1	00	1	TLD	F2		34A	PRINTER DATA BIT 7	
40748		XA241	73		XA231	74		168	9		LD01B0	01	LPD87D1	01	2	TLD	F2		36B		
42346		XA241	74		XA241	75		168	9		SPT0172	30		01	2	TLD	F3		35B		
40936		XA241	75		XA243	41		168	9		LPD86D1	01	LPD86D1	00	1	TLD	F1		37B	PRINTER DATA BIT 6	
42347		XA241	76		XA246	78		168	9		SPT0172	31		01	1	TLD	F4		37A		
40915		XA241	77		XA241	71		168	9		LPD8C0	07	LPD86D1	01	1	TLD	F1		38B		
42210		XA241	78		XA246	66		168	9		SPT0132	36		01	2	TLD	F4		38A		
40753		XA241	79								LD02B0	03	LPD86D1	01	2	TLD	F1		39B		
43733		XA241	80							M	SP0003	01		00	1	TLD	F4		39A		
41110		XA242	01		XA246	10		168	9	P	LXA1CD	03	LXA1C04	01	1	TLD	A2		02B		
41112		XA242	01							J	LXA1CD	01	LXA1CD	00	1	TLD	A2		02B	LXA1C04 BUSS	
40495		XA242	02								GND	01				TLD			01A		
64357		XA242	02		XA344	25		168	9		M804BBR	02				TLD			01A		
41064		XA242	03		XA240	01		168	9		LXA1E0	08	LXA2CD	01	1	TLD	A3		02A		
41063		XA242	04		XA242	03		168	9		LXA1E0	07	LXA1CD	01	1	TLD	A2		04A		
41113		XA242	05		XA245	15		168	9		LXA1C0X	01	LXA1CD	01	2	TLD	A2		03B		
41098		XA242	06		XA241	06		168	9	P	LXA0CD	02	LXA0C04	01	1	TLD	A1		05A	PORT A/B DATA LINE	
41101		XA242	06							J	LXA0CD	01	LXA0CD	00	1	TLD	A1		05A	LXA0C04 BUSS	
41120		XA242	07		XA245	10		168	9		LXA2C0X	01	LXA2CD	01	2	TLD	A3		03A		
41062		XA242	08		XA242	04		168	9		LXA1E0	06	LXA0CD	01	1	TLD	A1		06A		
41116		XA242	09		XA241	09		168	9	P	LXA2CD	02	LXA2C04	01	1	TLD	A3		04B		
41119		XA242	09							J	LXA2CD	01	LXA2CD	00	1	TLD	A3		04B	LXA2C04 BUSS	
41102		XA242	10		XA245	09		168	9		LXA0C0X	01	LXA0CD	01	2	TLD	A1		07A		
41061		XA242	11		XA242	08		168	9		LXA1E0	05	LXA3CD	01	1	TLD	A4		05B		
40115		XA242	12								+5V	01				TLD					
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	PREFIX	CONNECTOR	PIN	WIRE	PREFIX	CONNECTOR	PIN	WIRE	MULTI GROUP	CODE	COLOR	IDENT													
41127		XA242	13			XA245	03							LXA3COX	01	LXA3CD	01	2	TLD	A4		06B			
41137		XA242	14			XA241	14							LXA5CD	02	LXA5CB4	01	1	TLD	B2		09A			
41140		XA242	14											LXA5CD	01	LXA5CD	00	1	TLD	B2		09A	LXA5CB4	BUSS	
41123		XA242	15			XA241	15							LXA3CD	02	LXA3CB4	01	1	TLD	A4		07B			
41126		XA242	15											LXA3CD	01	LXA3CD	00	1	TLD	A4		07B	LXA3CB4	BUSS	
40496		XA242	16											GND	01				TLD			01B			
64228		XA242	16	1		XA250	18	1						LLPQSDR	01				TLD			01B		A01	
64252		XA242	16	2		XA250	16	2						LPOBDR	01				TLD			01B		A01	
64280		XA242	16	3		XA250	14	3						LPOB7DR	01				TLD			01B		A01	
41060		XA242	17			XA242	11							LXAIEO	04	LXA6CD	01	1	TLD	B3		08B			
41059		XA242	18			XA242	17							LXAIEO	03	LXA5CD	01	1	TLD	B2		10A			
41148		XA242	19			XA245	40							LXA6COX	01	LXA6CD	01	2	TLD	B3		09B			
41141		XA242	20			XA245	35							LXA5COX	01	LXA5CD	01	2	TLD	B2		11A			
41144		XA242	21			XA241	21							LXA6CD	02	LXA6CB4	01	1	TLD	B3		10B	LXA6CB4	BUSS	
41147		XA242	21											LXA6CD	01	LXA6CD	00	1	TLD	B3		10B	LXA6CB4	BUSS	
41131		XA242	22			XA246	09							LXA4CD	03	LXA4CB4	01	1	TLD	B1		12A			
41133		XA242	22											LXA4CD	01	LXA4CD	00	1	TLD	B1		12A	LXA4CB4	BUSS	
41057		XA242	23			XA242	24							LXAIEO	01	LXA7CD	01	1	TLD	B4		11B			
41058		XA242	24			XA242	18							LXAIEO	02	LXA4CD	01	1	TLD	B1		13A			
41155		XA242	25			XA245	30							LXA7COX	01	LXA7CD	01	2	TLD	B4		12B			
41134		XA242	26			XA245	29							LXA4COX	01	LXA4CD	01	2	TLD	B1		14A			
41151		XA242	27			XA241	27							LXA7CD	02	LXA7CB4	01	1	TLD	B4		13B	PORT A/B DATA LINE		
41154		XA242	27											LXA7CD	01	LXA7CD	00	1	TLD	B4		13B	LXA7CB4	BUSS	
40116		XA242	28											+5V	01				TLD						
41067		XA242	29			XA242	34							LXAIEO	02	LXAEND	01	1	TLD	C3		14B			
41029		XA242	30			XA246	17							LXACMD	03	LXACMB4	01	1	TLD	C2		15A	PORT A/B COMMAND		
41031		XA242	30											LXACMD	01	LXACMD	00	1	TLD	C2		15A	LXACMB4	BUSS	
41052		XA242	31			XA245	56							LXAENOX	02	LXAEND	01	2	TLD	C3		15B			
40497		XA242	32											GND	01				TLD			21B			
64244		XA242	32	1		XA250	24	1						LLQFFDR	01				TLD			21B		A01	
64248		XA242	32	2		XA250	28	2						LLQRSR	01				TLD			21B		A01	
64284		XA242	32	3		XA250	34	3						LPFLTDXR	01				TLD			21B		A01	
41048		XA242	33			XA246	19							LXAEND	03	LXAENB4	01	1	TLD	C3		16B	PORT A/B ENABLE		
41050		XA242	33											LXAEND	01	LXAEND	00	1	TLD	C3		16B	LXAENB4	BUSS	
41068		XA242	34			XA242	40							LXAIEO	03	LXACMD	01	1	TLD	C2		16A			
41655		XA242	35			XA229	35							LXSTOP	01	LLQRS1	01	1	TLD	C4		17B			
41033		XA242	36			XA245	47							LXACMOX	02	LXACMD	01	2	TLD	C2		17A			
42319		XA242	37			XA240	10							SPI0172	03	LLQRS1	01	2	TLD	C4		18B			
41071		XA242	38			XA241	38							LXAPCD	02	LXAPCB4	01	1	TLD	C1		18A	PORT A/B PARITY		
41074		XA242	38											LXAPCD	01	LXAPCD	00	1	TLD	C1		18A	LXAPCB4	BUSS	
40888		XA242	39			XA243	36							LLQRS1	01	LLQRS1	00	1	TLD	C4		19B	PRINTER RESET WHEN		
41069		XA242	40											LXAIEO	04	LXAPCD	01	1	TLD	C1		19A			
43603		XA242	41			XA242	54							TXADE04	04	LXBR6D1	01	1	TLD	D3		22B			
41075		XA242	42			XA245	48							LXAPCOX	01	LXAPCD	01	2	TLD	C1		20A			
41186		XA242	43			XA242	49							LXBR00	01	LXBR6D1	01	2	TLD	D3		23B			
40498		XA242	44											GND	01				TLD			27A			
64414		XA242	44	3		XA250	48	3						MPDB4BR	01				TLD			27A		A01	
64418		XA242	44			XA250	50							MPDB5DR	01				TLD			27A		A01	
43674		XA242	45			XA243	17							LXBR6D1	01	LXBR6D1	00	1	TLD	D3		24B	PORT B REQUEST EVN		
43650		XA242	46			XA243	10							LXAR7D1	01	LXAR7D1	00	1	TLD	D2		21A	PORT B REQUEST ODD		
		CONNECTOR	XA242			CONTINUED ON	THE NEXT PAGE																		

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	PREFIX	CONNECTOR	PIN	CA	PREFIX	CONNECTOR	PIN	CA	MULTI GROUP	CODE	COLOR	IDEN.											
41036		XA242	47		XA239	76				16B	9		LXADEA	02	LXBR7D1	01	1	TLD	D4		25B		
41035		XA242	48		XA242	47				16B	9		LXADEA	01	LXAR7D1	01	1	TLD	D2		22A		
41187		XA242	49		XA228	60				16B	9		LXBRQ0	02	LXBR7D1	01	2	TLD	D4		26B		
41079		XA242	50		XA242	56				16B	9		LXAR00	01	LXAR7D1	01	2	TLD	D2		23A		
43675		XA242	51		XA243	18				16B	9		LXBR7D1	01	LXBR7D1	00	1	TLD	D4		27B	PORT B REQUEST ODD	
43649		XA242	52		XA243	09				16B	9		LXAR6D1	01	LXAR6D1	00	1	TLD	D1		24A	PORT A REQUEST EVN	
40897		XA242	53		XA242	62				16B	9		LPCRC0	01	LPCR4D	01	1	TLD	E3		28B		
43602		XA242	54		XA342	41				16B	9		TXADE04	05	LXAR6D1	01	1	TLD	D1		25A		
42355		XA242	55		XA237	55				16B	9		SPI0182	07	LPCR4D	01	2	TLD	E3		29B		
41080		XA242	56		XA228	66				16B	9		LXARQ0	02	LXAR6D1	01	2	TLD	D1		26A		
40906		XA242	57									J	LPCR4D	01	LPCR4D	00	1	TLD	E3		30B	LPDB4B1 BUSS	
40931		XA242	57		XA241	57				16B	9	P	LPCR4D	02	LPDB4B1	02	1	TLD	E3		30B	PRINTER DATA BIT 4	
40499		XA242	58										GND	01				TLD			40A		
64374		XA242	58	1	XA250	58		1		16B	9		MLPDSOR	01				TLD			40A		B05
64378		XA242	58	2	XA250	62		2		16B	9		MLPFFDR	01				TLD			40A		B05
64382		XA242	58	3	XA250	66		3		16B	9		MLPRSDR	01				TLD			40A		B05
40910		XA242	59		XA241	62				16B	9		LPDBC0	02	LPDBP01	01	1	TLD	E4		31B		
40905		XA242	60									J	LPCR3D	01	LPCR3D	00	1	TLD	E2		28A	LPDB3B1 BUSS	
40927		XA242	60		XA243	37				16B	9	P	LPCR3D	015	LPDB3B1	02	1	TLD	E2		28A	PRINTER DATA BIT 3	
40744		XA242	61		XA231	55				16B	9		LDPBQ0	01	LPDBP01	01	2	TLD	E4		32B		
40898		XA242	62		XA242	68				16B	9		LPCRC0	02	LPCR3D	01	1	TLD	E2		29A		
40918		XA242	63		XA243	40				16B	9		LPDBP01	01	LPDBP01	00	1	TLD	E4		33B	PRINTER DATA BIT P	
42354		XA242	64		XA242	55				16B	9		SPI0182	06	LPCR3D	01	2	TLD	E2		30A		
42359		XA242	65		XA234	21				16B	9		SPI0192	04		01	1	TLD	F3		34B		B02
40904		XA242	66									J	LPCR1D	01	LPCR1D	00	1	TLD	E1		31A	LPDB1B1 BUSS	
40921		XA242	66		XA243	35				16B	9	P	LPCR1D	015	LPDB1B1	02	1	TLD	E1		31A	PRINTER DATA BIT 1	
40500		XA242	67										GND	01				TLD					
64359		XA242	67		XA345	39				16B	9		MB05ABR	02				TLD					
40899		XA242	68		XA236	72				16B	9		LPCRC0	03	LPCR1D	01	1	TLD	E1		32A		
43734		XA242	69									M	SPO004	01		00	1	TLD	F3		35A		
42353		XA242	70		XA242	64				16B	9		SPI0182	05	LPCR1D	01	2	TLD	E1		33A		
40913		XA242	71		XA242	77				16B	9		LPDBC0	05	LPDB501	01	1	TLD	F2		36A		
40935		XA242	72		XA243	46				16B	9		LPDB5D1	01	LPDB501	00	1	TLD	F2		34A	PRINTER DATA BIT 5	
40754		XA242	73		XA230	78				16B	9		LDO3BQ	01	LPDB501	01	2	TLD	F2		36B		
42352		XA242	74		XA242	70				16B	9		SPI0182	04		01	2	TLD	F3		35B		
40925		XA242	75		XA243	42				16B	9		LPDB2D1	01	LPDB2D1	00	1	TLD	F1		37B	PRINTER DATA BIT 2	
42358		XA242	76		XA242	65				16B	9		SPI0192	03		01	1	TLD	F4		37A		
40914		XA242	77		XA241	77				16B	9		LPDBC0	06	LPDB2D1	01	1	TLD	F1		38B		
42351		XA242	78		XA242	74				16B	9		SPI0182	03		01	2	TLD	F4		38A		
40765		XA242	79										LDO6BQ	03	LPDB2D1	01	2	TLD	F1		39B		
43735		XA242	80										SPO	01		00	1	TLD	F4		39A		
63988		XA243	01										DNW	01				RR1					
64020		XA243	02										GND	01				RR1					
64256		XA243	02	1	XA250	02		1		16B	9		LPDB1BR	01				RR1					
64260		XA243	02	2	XA250	04		2		16B	9		LPDB2DR	01				RR1					
64264		XA243	02	3	XA250	06		3		16B	9		LPDB3BR	01				RR1					
63937		XA243	03		XA144	03				16B	9		+05RES	575				RR1	AP				
63936		XA243	04		XA243	03				16B	9		+05RES	570				RR1	AP				
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	PREFIX	CONNECTOR	PIN	PREFIX	CONNECTOR	PIN	WIRE	COLOR	IDENT												
64841		XA243	05		XA248	25		16B	9		KXAR4D1	02			RR1	A1					
64842		XA243	06		XA248	64		16B	9		KXBR4D1	02			RR1	A2					
64843		XA243	07		XA248	24		16B	9		MXAR6D1	005			RR1	A3					
64844		XA243	08		XA248	61		16B	9		MXBR6D1	005			RR1	A4					
64845		XA243	09		XA447	29		16B	9		LXAR6D1	02			RR1	A5					
64846		XA243	10		XA447	30		16B	9		LXAR7D1	02			RR1	A6					
63989		XA243	11								DNW	01			RR1						
63958		XA243	12								+5V	01			RR1						
63934		XA243	13		XA243	14		16B	9		+05RES	560			RR1	BP					
63935		XA243	14		XA243	04		16B	9		+05RES	565			RR1	BP					
64172		XA243	15								DNW	01			RR1						
64173		XA243	16								DNW	01			RR1				KEYWAY	B06	
64847		XA243	17		XA447	69		16B	9		LXBR6D1	02			RR1	B1					
64848		XA243	18		XA447	72		16B	9		LXBR7D1	02			RR1	B2					
64849		XA243	19		XA342	46		16B	9		MXAR7D1	01			RR1	B3					
64850		XA243	20		XA342	51		16B	9		MXBR7D1	01			RR1	B4					
63933		XA243	21		XA243	13		16B	9		+05RES	555			RR1	CP					
63932		XA243	22		XA243	21		16B	9		+05RES	550			RR1	CP					
64230		XA243	23		XA247	13		16B	9		LLPDS01	02			RR1	C1				D03	
64851		XA243	24								SPR	01			RR1	B5					
64234		XA243	25		XA247	05		16B	9		LLPFD01	02			RR1	C2				D03	
64852		XA243	26								SPR	01			RR1	B6					
64174		XA243	27								DNW	01			RR1				KEYWAY	B06	
64175		XA243	28								DNW	01			RR1				KEYWAY	B06	
64238		XA243	29		XA247	01		16B	9		LLPRS01	02			RR1	C3				D03	
64242		XA243	30		XA247	14		16B	9		LLQSD1	02			RR1	C4				D03	
63990		XA243	31								DNW	01			RR1						
64021		XA243	32								GND	01			RR1						
64232		XA243	32	1	XA250	22	1	16B	9		LLPFFDR	01			RR1						
64236		XA243	32	2	XA250	26	2	16B	9		LLPRS0R	01			RR1						
64240		XA243	32	3	XA250	20	3	16B	9		LLQSDR	01			RR1						
63930		XA243	33		XA243	34		16B	9		+05RES	540			RR1	DP					
63931		XA243	34		XA243	22		16B	9		+05RES	545			RR1	DP					
64258		XA243	35		XA250	01		16B	9		LPDB1B1	02			RR1	D1					
64250		XA243	36		XA247	04		16B	9		LLQRS01	02			RR1	C6				D03	
64266		XA243	37		XA250	05		16B	9		LPDB3B1	02			RR1	D2					
64246		XA243	38		XA247	08		16B	9		LLQFD1	02			RR1	C5				D03	
64271		XA243	39		XA242	57		16B	9		LPDB4B1	01			RR1	D3					
64254		XA243	40		XA250	15		16B	9		LPDBPD1	02			RR1	D4					
64278		XA243	41		XA250	11		16B	9		LPDB6D1	02			RR1	E1					
64262		XA243	42		XA250	03		16B	9		LPDB2D1	02			RR1	D5					
63991		XA243	43								DNW	01			RR1						
64022		XA243	44								GND	01			RR1						
64402		XA243	44	1	XA250	42	1	16B	9		MPDB1BR	01			RR1						
64406		XA243	44	2	XA250	44	2	16B	9		MPDB2DR	01			RR1						
64410		XA243	44	3	XA250	46	3	16B	9		MPDB3BR	01			RR1						
64282		XA243	45		XA250	13		16B	9		LPDB7D1	02			RR1	E2					
64274		XA243	46		XA250	09		16B	9		LPDB5D1	02			RR1	D6					
64377		XA243	47		XA247	50		16B	9		MLPDS01	03			RR1	E3				D03	
64381		XA243	48		XA247	46		16B	9		MLPEFD1	03			RR1	E4				D03	
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RECORD NUMBER	FROM				TO				WIRE				SIGNAL	SEQ NO	EQUATION	TERM	FACTOR	CKT OR CHIP TYPE	GROUP	LOAD OR POWER PLANE	TEST POINTS AND OR	SIGNAL DESCRIPTION	ECO NO
	PREFIX	CONNECTOR	PIN	Q	PREFIX	CONNECTOR	PIN	Q	MULTI GROUP	CODE	COLOR	IDENT											
63929		XA243	49		XA243	33				16B	9		+05RES	535				RR1	EP				
63928		XA243	50		XA243	49				16B	9		+05RES	530				RR1	EP				
64393		XA243	51		XA247	47				16B	9		MLQFFD1	03				RR1	F1				D03
64385		XA243	52		XA247	40				16B	9		MLPRSD1	03				RR1	E5				D03
64397		XA243	53		XA247	41				16B	9		MLQRSO1	03				RR1	F2				D03
64388		XA243	54		XA247	51				16B	9		MLQDSO1	03				RR1	E6				D03
64405		XA243	55										MPDB1B1	03				RR1	F3				
64413		XA243	56										MPDB3B1	04				RR1	F4				
63992		XA243	57										DNW	01				RR1					
64023		XA243	58										GND	01				RR1					
64399		XA243	58	1	XA250	56	1			16B	9		MPDBPDR	01				RR1					
64422		XA243	58	2	XA250	52	2			16B	9		MPDB6DR	01				RR1					
64426		XA243	58	3	XA250	54	3			16B	9		MPDB7DR	01				RR1					
63926		XA243	59		XA243	60				16B	9		+05RES	520				RR1	FP				
63927		XA243	60		XA243	50				16B	9		+05RES	525				RR1	FP				
64409		XA243	61										MPDB2D1	03				RR1	G1				
64417		XA243	62										MPDB4B1	04				RR1	F5				
64421		XA243	63										MPDB5D1	03				RR1	G2				
64398		XA243	64										MPDBPD1	03				RR1	F6				
64425		XA243	65										MPDB6D1	03				RR1	G3				
64429		XA243	66										MPDB7D1	03				RR1	G4				
64024		XA243	67										GND	01				RR1					
64389		XA243	67	1	XA250	60	1			16B	9		MLQSDR	01				RR1					
64390		XA243	67	2	XA250	64	2			16B	9		MLQFFDR	01				RR1					
64394		XA243	67	3	XA250	68	3			16B	9		MLQRSDR	01				RR1					
63993		XA243	68										DNW	01				RR1					
63925		XA243	69		XA243	59				16B	9		+05RES	515				RR1	GP				
63924		XA243	70		XA243	69				16B	9		+05RES	510				RR1	GP				
64853		XA243	71										TXAROD1	02				RR1	H1				
64854		XA243	72										TXAR1D1	02				RR1	G5				
64855		XA243	73										TXB9OD1	02				RR1	H2				
64856		XA243	74										TXBR1D1	02				RR1	G6				
64857		XA243	75										SPR	01				RR1	H3				
64858		XA243	76										SPR	01				RR1	H4				
64859		XA243	77										SPR	01				RR1	H5				
64860		XA243	78		XA348	76				16B	9		KK009A1	02				RR1	H6				B02
63922		XA243	79		XA243	80				16B	9		+05RES	500				RR1	HP				
63923		XA243	80		XA243	70				16B	9		+05RES	505				RR1	HP				
43689		XA244	01									J	LXB3CDX	01	LXB3CDX	00	1	DCF	A7		02A	TA03BB BUSS	
64314		XA244	01		XA445	01				16B	9	P	LXB3CDX	01	TA03BB	01	1	DCF	A7		02A		A01
63757		XA244	02	1	XA445	02	1			16B	9		TA03BBR	01				DCF			01A		
65536		XA244	02										GND	01				DCF			01A		
41219		XA244	03										LXB3COX	02	LXB3COX	00	1	DCF	A8		03A		A02
41682		XA244	04		XA237	09				16B	9		LXS034U	02	LXB3COX	01	1	DCF	AR		04A		
43754		XA244	05	1	XA445	05	1			16B	9		TA00BR	01				DCF					
41209		XA244	06		XA238	09				16B	9		LXB0EA	03	LXB0CDX	01	1	DCF	A1		05A		
43678		XA244	06									M	LXB0EA	01	LXB3CDX	01	1	DCF	A7		05A		
43679		XA244	06									M	LXB0EA	01	LXB1CDX	01	1	DCF	A3		05A		
CONNECTOR	XA244	CONTINUED ON THE NEXT PAGE ***																					

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XA244

UNIT ASSEMBLY NAME CARD CAGE ASSY, A, IFCU

CONNECTOR

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RECORD NUMBER	FROM				TO				WIRE			SIGNAL	SEQ NO	EQUATION	TERM	FACTOR	CKT OR CHIP TYPE	GROUP	LOAD OR POWER PLANE	TEST POINTS		SIGNAL DESCRIPTION	ECO NO
	PREFIX	CONNECTOR	PIN	WIRE	PREFIX	CONNECTOR	PIN	WIRE	MULTI GROUP	CODE	COLOR									IDENT	AND		
43680		XA244	06									M LX80EA	01	LXB2CDX	01	1	DCF	A5		05A			
43677		XA244	07									J LX80CDX	01	LXB0CDX	00	1	DCF	A1		02B	TA00BB BUSS		
64311		XA244	07		XA445	07			168	9		P LX80CDX	01	TA008B	01	1	DCF	A1		02B		A01	
41678		XA244	08		XA237	07			168	9		LXS033U	02	LXB2COX	01	1	DCF	A6		06A			
41206		XA244	09									LX80COX	02	LXB0COX	00	1	DCF	A2		03B			
41216		XA244	10									LXB2COX	02	LXB2COX	00	1	DCF	A6		07A			
41670		XA244	11		XA237	03			168	9		LXS031U	02	LXB0COX	01	1	DCF	A2		04B			
40118		XA244	12									+5V	01							08A			
41674		XA244	13		XA237	05			168	9		LXS032U	02	LXB1COX	01	1	DCF	A4		05B			
43688		XA244	14									J LX82CDX	01	LXB2CDX	00	1	DCF	A5		08B	TA02BB BUSS		
64313		XA244	14		XA445	14			168	9		P LX82CDX	01	TA028B	01	1	DCF	A5		08B		A01	
41213		XA244	15									LXB1COX	02	LXB1COX	00	1	DCF	A4		06B			
43756		XA244	16	2	XA445	16	2		168	9		TA02BBR	01									A02	
65537		XA244	16									GND	01										A02
43687		XA244	17									J LX81CDX	01	LXB1CDX	00	1	DCF	A3		07B	TA01BB BUSS		
64312		XA244	17		XA445	17			168	9		P LX81CDX	01	TA01BB	01	1	DCF	A3		07B			A01
40225		XA244	18									DNW	01										
43755		XA244	19		XA445	19			168	9		TA01BBR	01										
40226		XA244	20									DNW	01										
43761		XA244	21		XA445	21			168	9		TA07BBR	01										
40227		XA244	22									DNW	01										
43693		XA244	23									J LX87CDX	01	LXB7CDX	00	1	DCF	B7		10A	TA07BB BUSS		
64318		XA244	23		XA445	23			168	9		P LX87CDX	01	TA07BB	01	1	DCF	B7		10A			A01
40228		XA244	24									DNW	01										
43758		XA244	25		XA445	25			168	9		TA04BBR	01										
40229		XA244	26									DNW	01										
43690		XA244	27									J LX84CDX	01	LXB4CDX	00	1	DCF	B1		10B	TA04BB BUSS		
64315		XA244	27		XA445	27			168	9		P LX84CDX	01	TA04BB	01	1	DCF	B1		10B			A01
40119		XA244	28									+5V	01										
41222		XA244	29									LXB4COX	02	LXB4COX	00	1	DCF	B2		21B			
41231		XA244	30									LXB7COX	02	LXB7COX	00	1	DCF	B8		11A			
41686		XA244	31		XA237	10			168	9		LXS471U	02	LXB4COX	01	1	DCF	B2		12B			
40506		XA244	32									GND	01										
64353		XA244	32		XA344	02			168	9		MB03BBR	02										
41690		XA244	33		XA237	08			168	9		LXS472U	02	LXB5COX	01	1	DCF	B4		13B			
41698		XA244	34		XA237	04			168	9		LXS474U	02	LXB7COX	01	1	DCF	B8		12A			
41225		XA244	35									LXB5COX	02	LXB5COX	00	1	DCF	B4		14B			
41208		XA244	36		XA244	06			168	9		LX80EA	02	LXB4CDX	01	1	DCF	B1		13A			
43681		XA244	36									M LX80EA	01	LXB5CDX	01	1	DCF	B3		13A			
43682		XA244	36									M LX80EA	01	LXB7CDX	01	1	DCF	B7		13A			
43683		XA244	36									M LX80EA	01	LXB6CDX	01	1	DCF	B5		13A			
43691		XA244	37									J LX85CDX	01	LXB5CDX	00	1	DCF	B3		15B	TA05BB BUSS		
64316		XA244	37		XA445	37			168	9		P LX85CDX	01	TA05BB	01	1	DCF	B3		15B			A01
41694		XA244	38		XA237	06			168	9		LXS473U	02	LXB6COX	01	1	DCF	B6		14A			
43759		XA244	39		XA445	39			168	9		TA05BBR	01										A01
41228		XA244	40									LXB6COX	02	LXB6COX	00	1	DCF	B6		15A			
43692		XA244	41									J LX86CDX	01	LXB6CDX	00	1	DCF	B5		16A	TA06BB BUSS		
64317		XA244	41		XA445	41			168	9		P LX86CDX	01	TA06BB	01	1	DCF	B5		16A			A01
43760		XA244	42		XA445	42			168	9		TA06BBR	01								20B		A01
43673		XA244	43									J LX8PCDX	01	LXBPCDX	00	1	DCF	C7		25A	TA0PBB BUSS		
CONNECTOR		XA244	CONTINUED ON THE NEXT PAGE ****																				

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RECORD NUMBER	FROM				TO				WIRE				SIGNAL	SEQ NO	EQUATION	TERM	FACTOR	CXT OR CHIP TYPE	GROUP	LOAD OR POWER PLANE	TEST POINTS AND/OR	SIGNAL DESCRIPTION	ECO NO		
	PREFIX	CONNECTOR	PIH	SIZE	PREFIX	CONNECTOR	PIH	SIZE	MULTI GROUP	CODE	COLOR	IDENT													
64306		XA244	43		XA445	46			168	9			P	LXBCDX	01	TAOPBB	01	1	DCF	C7		25A		A01	
43753		XA244	44	2	XA445	45	2		168	9				TAOPBBR	01				DCF						
65538		XA244	44											GND	01				DCF						A02
43750		XA244	45		XA445	58			168	9				TACMBBR	01				DCF				27A		
43869		XA244	46									J	LXBCMDX	01	LXBCMDX	00	1	DCF	C1			25B	TACMBB BUSS		
64303		XA244	46		XA445	60			168	9		P	LXBCMDX	01	TACMBB	01	1	DCF	C1			25B		A01	
41160		XA244	47											LXBCMOX	03	LXBCMOX	00	1	DCF	C2		26B			
41183		XA244	48											LXBCCOX	02	LXBCCOX	00	1	DCF	C8		26A			
41395		XA244	49		XA239	09			168	9				LXGN1A	07	LXBCMOX	01	1	DCF	C2		27B			
41341		XA244	50		XA237	13			168	9				LXDSBPR	02	LXBCPOX	01	1	DCF	C8		28A			
41394		XA244	51		XA244	49			168	9				LXGN1A	06	LXBENOX	01	1	DCF	C4		28B			
41207		XA244	52		XA244	36			168	9				LXBOEA	01	LXBCMDX	01	1	DCF	C1		29A			
43684		XA244	52									M	LXBOEA	01	LXBCDX	01	1	DCF	C7			29A			
43685		XA244	52									M	LXBOEA	01	LXBINDX	01	1	DCF	C5			29A			
43686		XA244	52									M	LXBOEA	01	LXBENDX	01	1	DCF	C3			29A			
43752		XA244	53		XA445	44			168	9				TAENBBR	01				DCF						
41303		XA244	54		XA233	63			168	9				LXDBTO	02	LXBINOX	01	1	DCF	C6		30A			
43670		XA244	55									J	LXBENDX	01	LXBENDX	00	1	DCF	C3			30B	TAENBB BUSS		
44304		XA244	55		XA445	43			168	9		P	LXBENDX	01	TAENBB	01	1	DCF	C3			30B		A01	
41164		XA244	56											LXBENOX	03	LXBENOX	00	1	DCF	C4		29B			
43672		XA244	57									M	LXBINOX	01	LXBINOX	00	1	DCF	C6			31A			
43751		XA244	58		XA445	53			168	9				TAINBBR	01				DCF						
65539		XA244	58											GND	01				DCF						A02
40512		XA244	59											SPF	01				DCF						A02
43671		XA244	60									J	LXBINOX	01	LXBINDX	00	1	DCF	C5			31B	TAINBB BUSS		
64305		XA244	60		XA445	55			168	9		P	LXBINOX	01	TAINBB	01	1	DCF	C5			31B		A01	
40950		XA244	61		XA348	50			168	9				LPFLTOX	01	LPFLTOX	00	1	DCF	D7		33A	LINE PRINTER FAULT	C01	
40230		XA244	62											DNW	01				DCF						
40231		XA244	63											DNW	01				DCF						
40232		XA244	64											DNW	01				DCF						
41087		XA244	65											LXASLDX	02	LXASLDX	00	1	DCF	D1		32B	PORT A SELECT RECC	C01	
40233		XA244	66											DNW	01				DCF						
40515		XA244	67											GND	01				DCF						
64355		XA244	67		XA345	25			168	9				M804ABR	02				DCF						
65558		XA244	67	3	XA348	32	3		168	9				LXASLBG	01				DCF						A02
40958		XA244	68		XA224	59			168	9				LPFLTOX	01	LPFLTOX	00	1	DCF	D8		34A			
41089		XA244	69		XA238	61			168	9				LXASLOX	02	LXASLOX	00	1	DCF	D2		33B			
42153		XA244	70		XA246	56			168	9				SPI0082	12	LPFLTOX	01	1	DCF	D8		35A			
42357		XA244	71		XA242	76			168	9				SPI0192	02	LXASLOX	01	1	DCF	D2		34B			
42350		XA244	72		XA242	78			168	9				SPI0182	02	LXASLDX	01	1	DCF	D1		36A			C01
43728		XA244	72									M	SPI0182	01	LXPRSOX	01	1	DCF	D5			36A		C01	
43729		XA244	72									M	SPI0182	01	LXBSLOX	01	1	DCF	D3			36A		C01	
43730		XA244	72									M	SPI0182	01	LPFLTOX	01	1	DCF	D7			36A		C01	
42075		XA244	73		XA237	73			168	9				SPI0042	02	LXBSLOX	01	1	DCF	D4		35B			
42128		XA244	74		XA246	41			168	9				SPI0062	12	LXPRSOX	01	1	DCF	D6		37A			
41196		XA244	75		XA238	55			168	9				LXBSLOX	02	LXBSLOX	00	1	DCF	D4		36B			
41449		XA244	76											LXPRSOX	02	LXPRSOX	00	1	DCF	D6		38A			
40517		XA244	77		XA348	44			168	9				LXBSLBG	01				DCF						A02
41194		XA244	78											LXBSLOX	02	LXBSLDX	00	1	DCF	D3		37B		C01	
40518		XA244	79	3	XA348	58	3		168	9				LXPRSBG	01				DCF			40B			B01
CONNECTOR	XA244	CONTINUED ON THE NEXT PAGE ***																							

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	PREFIX	CONNECTOR	PIN	USE	PREFIX	CONNECTOR	PIN	USE	MULTI GROUP	CODE	COLOR	IDENT												INS
41446		XA244	80											LXPRSDX	01	LXPRSDX	00	1	DCF	D5		38B		C01
43664		XA245	01											LXA3CDX	01	LXA3CDX	00	1	DCF	A7		02A	TA03AB BUSS	
44298		XA245	01		XA446	01			16B	9				LXA3CDX	01	TA03AB	01	1	DCF	A7		02A		A01
43745		XA245	02	1	XA446	02	1		16B	9				TA03ABR	01				DCF			01A		
45540		XA245	02											GND	01				DCF			01A		A02
41128		XA245	03											LXA3COX	02	LXA3COX	00	1	DCF	AB		03A		
41681		XA245	04		XA244	04			16B	9				LXS034U	01	LXA3COX	01	1	DCF	AB		04A		
43742		XA245	05	1	XA446	05	1		16B	9				TA00ABR	01				DCF					
41106		XA245	06		XA238	11			16B	9				LXA0EA	03	LXA0CDX	01	1	DCF	A1		05A		
43653		XA245	06											LXA0EA	01	LXA3CDX	01	1	DCF	A7		05A		
43654		XA245	06											LXA0EA	01	LXA1CDX	01	1	DCF	A3		05A		
43655		XA245	06											LXA0EA	01	LXA2CDX	01	1	DCF	A5		05A		
43652		XA245	07											LXA0CDX	01	LXA0CDX	00	1	DCF	A1		02B	TA00AB BUSS	
44295		XA245	07		XA446	07			16B	9				LXA0CDX	01	TA00AB	01	1	DCF	A1		02B		A01
41677		XA245	08		XA244	08			16B	9				LXS033U	01	LXA2COX	01	1	DCF	A6		06A		
41103		XA245	09											LXA0COX	02	LXA0COX	00	1	DCF	A2		03B		
41121		XA245	10											LXA2COX	02	LXA2COX	00	1	DCF	A6		07A		
41669		XA245	11		XA244	11			16B	9				LXS031U	01	LXA0COX	01	1	DCF	A2		04B		
40120		XA245	12											+5V	01				DCF			08A		
41673		XA245	13		XA244	13			16B	9				LXS032U	01	LXA1COX	01	1	DCF	A4		05B		
43663		XA245	14											LXA2CDX	01	LXA2CDX	00	1	DCF	A5		08B	TA02AB BUSS	
44297		XA245	14		XA446	14			16B	9				LXA2CDX	01	TA02AB	01	1	DCF	A5		08B		A01
41114		XA245	15											LXA1COX	02	LXA1COX	00	1	DCF	A4		06B		
43744		XA245	16	2	XA446	16	2		16B	9				TA02ABR	01				DCF					
45583		XA245	16											XB04AR	03				DCF					A02
45589		XA245	16											GND					DCF					A02
43662		XA245	17											LXA1CDX	01	LXA1CDX	00	1	DCF	A3		07B	TA01AB BUSS	
44296		XA245	17		XA446	17			16B	9				LXA1CDX	01	TA01AB	01	1	DCF	A3		07B		A01
40234		XA245	18											DNW	01				DCF					
43743		XA245	19		XA446	19			16B	9				TA01ABR	01				DCF					
40235		XA245	20											DNW	01				DCF					
43749		XA245	21		XA446	21			16B	9				TA07ABR	01				DCF					
40236		XA245	22											DNW	01				DCF					
43668		XA245	23											LXA7CDX	01	LXA7CDX	00	1	DCF	B7		10A	TA07AB BUSS	
44302		XA245	23		XA446	23			16B	9				LXA7CDX	01	TA07AB	01	1	DCF	B7		10A		A01
40237		XA245	24											DNW	01				DCF					
43746		XA245	25		XA446	25			16B	9				TA04ABR	01				DCF					
40238		XA245	26											DNW	01				DCF					
43665		XA245	27											LXA4CDX	01	LXA4CDX	00	1	DCF	B1		10B	TA04AB BUSS	
44299		XA245	27		XA446	27			16B	9				LXA4CDX	01	TA04AB	01	1	DCF	B1		10B		A01
40121		XA245	28											+5V	01				DCF			21B		
41135		XA245	29											LXA4COX	02	LXA4COX	00	1	DCF	B2		11B		
41156		XA245	30											LXA7COX	02	LXA7COX	00	1	DCF	B8		11A		
41685		XA245	31		XA244	31			16B	9				LXS471U	01	LXA4COX	01	1	DCF	B2		12B		
40507		XA245	32											GND	01				DCF					
44345		XA245	32		XA344	19			16B	9				MB01BBR	02				DCF					
45577		XA245	32											XBOPAR	03				DCF					
41689		XA245	33		XA244	33			16B	9				LXS472U	01	LXA5COX	01	1	DCF	B4		13B		A02
CONNECTOR		XA245	CONTINUED ON THE NEXT PAGE ***																					

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RECORD NUMBER	FROM			TO			WIRE			SPEC. VISC.	SIGNAL	SEQ NO	EQUATION	TERM	FACTOR	CKT OR CHIP TYPE	GROUP	LOAD OR POWER PLANE	TEST POINTS LND OR	SIGNAL DESCRIPTION	ECO NO
	PREFIX	CONNECTOR	PIN	PREFIX	CONNECTOR	PIN	PAIR	MULTI GROUP	CODE												
41697		XA245	34		XA244	34						LXS474U	01	LXA7C0X	01	1	DCF	B8	12A		
41142		XA245	35									LXA5C0X	02	LXA5C0X	00	1	DCF	B4	14B		
41105		XA245	36		XA245	06						LXA0EA	02	LXA4C0X	01	1	DCF	B1	13A		
43656		XA245	36									LXA0EA	01	LXA7C0X	01	1	DCF	B7	13A		
43657		XA245	36							M		LXA0EA	01	LXA5C0X	01	1	DCF	B3	13A		
43658		XA245	36							M		LXA0EA	01	LXA6C0X	01	1	DCF	B5	13A		
43666		XA245	37							J		LXA5C0X	01	LXA5C0X	00	1	DCF	B3	15B	TA05AB BUSS	
64300		XA245	37		XA446	37				P		LXA5C0X	01	TA05AB	01	1	DCF	B3	15B		A01
41693		XA245	38		XA244	38						LXS473U	01	LXA6C0X	01	1	DCF	B6	14A		
43747		XA245	39	2	XA446	39	2					TA05ABR	01				DCF				A01
41149		XA245	40									LXA6C0X	02	LXA6C0X	00	1	DCF	B6	15A		
43667		XA245	41							J		LXA6C0X	01	LXA6C0X	00	1	DCF	B5	16A	TA06AB BUSS	
64301		XA245	41		XA446	41				P		LXA6C0X	01	TA06AB	01	1	DCF	B5	16A		A01
43748		XA245	42	1	XA446	42	1					TA06ABR	01				DCF		20B		A01
43648		XA245	43							J		LXAPC0X	01	LXAPC0X	00	1	DCF	C7	25A	TA0PAB BUSS	
64290		XA245	43		XA446	46				P		LXAPC0X	01	TA0PAB	01	1	DCF	C7	25A		A01
43741		XA245	44	2	XA446	45	2					TA0PABR	01				DCF				A01
65541		XA245	44									GND	01				DCF				A02
65635		XA245	44		XA246	40						G24602	01				DCF				C05
43738		XA245	45	2	XA446	58	2					TACMABR	01				DCF		27A		
43644		XA245	46							J		LXACMDX	01	LXACMDX	00	1	DCF	C1	25B	TACMAB BUSS	
64287		XA245	46		XA446	60				P		LXACMDX	01	TACMAB	01	1	DCF	C1	25B		A01
41034		XA245	47									LXACMOX	03	LXACMOX	00	1	DCF	C2	26B		
41076		XA245	48									LXAPCOX	02	LXAPCOX	00	1	DCF	C8	26A		
41392		XA245	49		XA245	51						LXGN1A	04	LXACMOX	01	1	DCF	C2	27B		
41340		XA245	50		XA244	50						LXDSBPR	01	LXAPCOX	01	1	DCF	C8	28A		
41393		XA245	51		XA244	51						LXGN1A	05	LXAENDX	01	1	DCF	C4	28B		
41104		XA245	52		XA245	36						LXA0EA	01	LXACMDX	01	1	DCF	C1	29A		
43659		XA245	52							M		LXA0EA	01	LXAENDX	01	1	DCF	C3	29A		
43660		XA245	52							M		LXA0EA	01	LXAPC0X	01	1	DCF	C7	29A		
43661		XA245	52							M		LXA0EA	01	LXAINDX	01	1	DCF	C5	29A		
43740		XA245	53	1	XA446	44	1					TAENABR	01				DCF				
41302		XA245	54		XA244	54						LXDB10	01	LXAINDX	01	1	DCF	C6	30A		
43645		XA245	55							J		LXAENDX	01	LXAENDX	00	1	DCF	C3	30B	TAENAB BUSS	
64288		XA245	55		XA446	43				P		LXAENDX	01	TAENAB	01	1	DCF	C3	30B		A01
41053		XA245	56									LXAENOX	03	LXAENOX	00	1	DCF	C4	29B		
43647		XA245	57							M		LXAINDX	01	LXAINDX	00	1	DCF	C6	31A		
43739		XA245	58		XA446	53						TAINABR	01				DCF				
65542		XA245	58									GND	01				DCF				A02
40513		XA245	59		XA250	30						LDMNDDXR	01				DCF				
43646		XA245	60							J		LXAINDX	01	LXAINDX	00	1	DCF	C5	31B	TAINAB BUSS	
64289		XA245	60		XA446	55				P		LXAINDX	01	TAINAB	01	1	DCF	C5	31B		A01
40721		XA245	61		XA348	51						LDMNDDX	01	LDMNDDX	00	1	DCF	D7	33A	SEND DATA TO PRINT	A01
40239		XA245	62									DNW	01				DCF				
40240		XA245	63									DNW	01				DCF				
40241		XA245	64									DNW	01				DCF				
41096		XA245	65									LXASTDX4	02	LXASTDX400	1	1	DCF	D1	32B	PORT A STATUS DRIV	
40242		XA245	66									DNW	01				DCF				
40514		XA245	67									GND	01				DCF				
64347		XA245	67		XA345	16						MB02ABR	02				DCF				A01
CONNECTOR		XA245	CONTINUED ON THE NEXT PAGE ****																		

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RECORD NUMBER	FROM				TO				WIRE				SIGNAL	SEQ NO	EQUATION	TERM	FACTOR	CKT OR CHIP TYPE	GROUP	LOAD OR POWER PLANE	TEST POINTS AND/OR	SIGNAL DESCRIPTION	ECO NO
	PREFIX	CONNECTOR	PIN	WIRE	PREFIX	CONNECTOR	PIN	WIRE	MULTI GROUP	CODE	COLOR	IDENT											
65560		XA245	67	3		XA348	44	3		16B	9		LXASTBG	01				DCF					A02
40729		XA245	68										LDMNDOX	02	LDMNDOX	00	1	DCF	DR		34A		
43651		XA245	69									M	LXASTOX	01	LXASTOX	00	1	DCF	D2		33B		
41407		XA245	70										LXGNZA	07	LDMNDOX	01	1	DCF	D8		35A		
41088		XA245	71			XA244	69			16B	9		LXASLOX	01	LXASTOX	01	1	DCF	D2		34B		
41391		XA245	72			XA245	49			16B	9		LXGNIA	03	LXASTDX	401	1	DCF	D1		34A		
43696		XA245	72									M	LXGNIA	01	LXBSTD4	401	1	DCF	D3		36A		
43697		XA245	72									M	LXGNIA	01	LDMNDOX	01	1	DCF	D5		36A		C01
43698		XA245	72									M	LXGNIA	01	LDMNDOX	01	1	DCF	D7		36A		C01
41195		XA245	73			XA244	75			16B	9		LXBSLOX	01	LXBSTOX	01	1	DCF	D4		35B		
41406		XA245	74			XA245	70			16B	9		LXGNZA	06	LDMNCOX	01	1	DCF	D6		37A		
43676		XA245	75									M	LXBSTOX	01	LXBSTOX	00	1	DCF	D4		36B		
40716		XA245	76			XA240	18			16B	9		LDMNCOX	01	LDMNCOX	00	1	DCF	D6		38A		
40516		XA245	77	1		XA348	58	1		16B	9		LXBSTBG	01				DCF					B01
41203		XA245	78										LXBSTD4	02	LXBSTD4	400	1	DCF	D3		37B		
40519		XA245	79			XA250	32			16B	9		LDMNCOXR	01				DCF			40B		
40712		XA245	80			XA348	54			16B	9		LDMNCOX	01	LDMNCOX	00	1	DCF	D5		38B		SEND DATA TO PRINTC01
40243		XA246	01										DNW	01				RR4					
40508		XA246	02										GND	01				RR4					
64325		XA246	02			XA344	45			16B	9		MBCMBBR	02				RR4					
65610		XA246	02										G24602	06				RR4					
40025		XA246	03			XA246	04			16B	9		+05RES	400				RR4	AP				B02
40026		XA246	04			XA246	14			16B	9		+05RES	405				RR4	AP				
41115		XA246	05			XA242	09			16B	9		LXA2CB4	01				RR4	A3				
40520		XA246	06	3		XA246	02	3		16B	9		G24602	05				RR4	AC				B02
41122		XA246	07			XA242	15			16B	9		LXA3CB4	01				RR4	A4				
41097		XA246	08			XA242	06			16B	9		LXA0CB4	01				RR4	A1				
41132		XA246	09										LXA4CB4	04				RR4	A5				
41111		XA246	10										LXA1CB4	04				RR4	A2				
40244		XA246	11										DNW	01				RR4					
40122		XA246	12										+5V	01				RR4					
40028		XA246	13			XA246	21			16B	9		+05RES	415				RR4	BP				
40027		XA246	14			XA246	13			16B	9		+05RES	410				RR4	BP				
40532		XA246	15										DNW	01				RR4					KEWAY
40533		XA246	16										DNW	01				RR4					KEWAY
41030		XA246	17										LXACMB4	04				RR4	B4				B06
40521		XA246	18			XA246	06			16B	9		G24602	04				RR4	BC				B02
41049		XA246	19										LXAENB4	04				RR4	B5				
41136		XA246	20			XA242	14			16B	9		LXA5CB4	01				RR4	B1				
40029		XA246	21			XA246	22			16B	9		+05RES	420				RR4	CP				
40030		XA246	22			XA246	34			16B	9		+05RES	425				RR4	CP				
41086		XA246	23			XA348	18			16B	9		LXA5LB4	005				RR4	C3				B02
41150		XA246	24			XA242	27			16B	9		LXA7CB4	01				RR4	B3				
41202		XA246	25			XA245	78			16B	9		LXBSTD4	01				RR4	C4				
41143		XA246	26			XA242	21			16B	9		LXA6CB4	01				RR4	B2				
40245		XA246	27										DNW	01				RR4					
40123		XA246	28										+5V	01				RR4					
41193		XA246	29			XA348	19			16B	9		LXBSLB4	005				RR4	C5				B02
CONNECTOR		XA246	CONTINUED ON THE NEXT PAGE ***																				

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	PREFIX	CONNECTOR	PIN	QTY	PREFIX	CONNECTOR	PIN	QTY	MULTI GROUP	CODE	COLOR	IDENT											
40522		XA246	30			XA246	18			168	9		G24602	03			RR4	CC				B02	
40246		XA246	31										DNW	01			RR4						
40509		XA246	32										GND	01			RR4						
64329		XA246	32	3		XA344	53	3		168	9		MBENBBR	02			RR4						
65587		XA246	32										XB07AR	03			RR4					A02	
40032		XA246	33			XA246	49			168	9		+05RES	435			RR4	DP					
40031		XA246	34			XA246	33			168	9		+05RES	430			RR4	DP					
40720		XA246	35			XA348	53			168	9		LDMNDB4	01			RR4	D3				B02	
41070		XA246	36			XA242	38			168	9		LXAPCB4	01			RR4	C1					
40951		XA246	37			XA348	52			168	9		LPFLT84	01			RR4	D4				C01	
41095		XA246	38			XA245	65			168	9		LXASTDX4	01			RR4	C2					
42014		XA246	39										SPI0012	34			RR4	D5					
40523		XA246	40			XA246	30			168	9		G24602	02			RR4	DC				B02	
42129		XA246	41										SPI0062	13			RR4	E5					
41447		XA246	42			XA348	26			168	9		LXPR5B4	005			RR4	D1				B02	
40247		XA246	43										DNW	01			RR4						
40510		XA246	44										GND	01			RR4						
64341		XA246	44			XA344	05			168	9		MB00BBR	02			RR4						
65612		XA246	44										G24644	06			RR4						
42100		XA246	45			XA237	62			168	9		SPI0052	01			RR4	F4				B02	
40713		XA246	46			XA348	56			168	9		LDMNCB4	01			RR4	D2				B02	
42074		XA246	47			XA244	73			168	9		SPI0042	01			RR4	E3					
42044		XA246	48			XA234	59			168	9		SPI0032	01			RR4	E2					
40001		XA246	49			XA246	50			168	9		+05RES	440			RR4	EP					
40002		XA246	50			XA246	60			168	9		+05RES	445			RR4	EP					
42170		XA246	51										SPI0112	04			RR4	F5					
42015		XA246	52			XA220	50			168	9		SPI0022	01			RR4	E1					
42163		XA246	53			XA219	48			168	9		SPI0102	01			RR4	F4					
40524		XA246	54	3		XA246	44	3		168	9		G24644	05			RR4	EC				B02	
42162		XA246	55										SPI0092	08			RR4	E3					
42154		XA246	56										SPI0082	13			RR4	F2					
40534		XA246	57										DNW	01			RR4					KEWAY	
40535		XA246	58										DNW	01			RR4					KEWAY	
40004		XA246	59			XA246	69			168	9		+05RES	455			RR4	FP				B06	
40003		XA246	60			XA246	59			168	9		+05RES	450			RR4	FP					
42316		XA246	61										SPI0162	35			RR4	G5					
42130		XA246	62			XA237	71			168	9		SPI0072	01			RR4	F1					
42281		XA246	63										SPI0152	36			RR4	G4					
40525		XA246	64			XA246	54			168	9		G24644	04			RR4	FC				B02	
42245		XA246	65										SPI0142	36			RR4	G3					
42211		XA246	66										SPI0132	37			RR4	G2					
40511		XA246	67										GND	01			RR4						
64343		XA246	67			XA345	19			168	9		MB01ABR	02			RR4						
65576		XA246	67	3		XA451	80	3		168	9		XBINBR	01			RR4					A02	
40248		XA246	68										DNW	01			RR4						
40005		XA246	69			XA246	70			168	9		+05RES	460			RR4	GP					
40006		XA246	70			XA246	80			168	9		+05RES	465			RR4	GP					
43546		XA246	71										SPR	01			RR4	H5					
42174		XA246	72										SPI0122	10			RR4	G1				C01	
43547		XA246	73										SPR	01			RR4	H4					
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	PREFIX	CONNECTOR	PIN	PREFIX	CONNECTOR	PIN	GAUGE	MULTI GROUP	CODE	COLOR												
40526		XA246	74		XA246	64			168	9		G24644	03				RR4	GC				B02
42356		XA246	75		XA244	71			168	9		SPI0192	01				RR4	H3				
42349		XA246	76		XA244	72			168	9		SPI0182	01				RR4	H2				
40527		XA246	77		XA246	74			168	9		G24644	02				RR4	HC				B02
42348		XA246	78		XA237	74			168	9		SPI0172	32				RR4	H1				
40008		XA246	79		XA243	79			168	9		+05RES	475				RR4	HP				
40007		XA246	80		XA246	79			168	9		+05RES	470				RR4	HP				
64636		XA247	01									LLPRSD1	03				SHT					003
64025		XA247	02									GND	01				SHT					003
64339		XA247	02		XA345	05			168	9		MB00ABR	02				SHT					003
65580		XA247	02									XB01AR	03				SHT					003
64637		XA247	03		XA250	25			168	9		LLPRSB	01				SHT					003
64638		XA247	04									LLQRSD1	03				SHT					003
64639		XA247	05									LLPFED1	03				SHT					003
64640		XA247	06		XA250	27			168	9		LLQRSB	01				SHT					003
64641		XA247	07		XA250	21			168	9		LLPFFB	01				SHT					003
64642		XA247	08									LLQFFD1	03				SHT					003
64643		XA247	09									SPP	01				SHT					003
64644		XA247	10		XA250	23			168	9		LLQFFB	01				SHT					003
64645		XA247	11									SPP	01				SHT					003
63959		XA247	12									+5V	01				SHT					003
64646		XA247	13									LLPDS01	03				SHT					003
64647		XA247	14									LLQDS01	03				SHT					003
64648		XA247	15		XA250	17			168	9		LLPDSB	01				SHT					003
64026		XA247	16									GND	01				SHT					003
64351		XA247	16		XA345	02			168	9		MB03ABR	02				SHT					003
65582		XA247	16									XB03AR	03				SHT					003
64649		XA247	17									SPP	01				SHT					003
64650		XA247	18		XA250	19			168	9		LLQDSB	01				SHT					003
64651		XA247	19									SPP	01				SHT					003
64652		XA247	20									SPP	01				SHT					003
64653		XA247	21									SPP	01				SHT					003
64654		XA247	22									SPP	01				SHT					003
64655		XA247	23									SPP	01				SHT					003
64656		XA247	24									SPP	01				SHT					003
64657		XA247	25									SPP	01				SHT					003
64658		XA247	26									SPP	01				SHT					003
64659		XA247	27									SPP	01				SHT					003
63960		XA247	28									+5V	01				SHT					003
64660		XA247	29									SPP	01				SHT					003
64661		XA247	30									SPP	01				SHT					003
64662		XA247	31									SPP	01				SHT					003
64027		XA247	32									GND	01				SHT					003
64335		XA247	32		XA345	44			168	9		MB0PABR	02				SHT					003
65585		XA247	32									XB06AR	03				SHT					003
64663		XA247	33									SPP	01				SHT					003
64664		XA247	34									SPP	01				SHT					003
64665		XA247	35									SPP	01				SHT					003
CONNECTOR		XA247	CONTINUED ON THE NEXT PAGE ***																			

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TM 11-5895-856-34-14/EE640-CA-MMI-140/E154 CPU/TO 31W2-2T-122-14

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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 TC	MULTI GROUP	CODE	COLOR											
64666		XA247	36									SPP	01			SHT					003
64667		XA247	37									SPP	01			SHT					003
64668		XA247	38									SPP	01			SHT					003
64669		XA247	39									SPP	01			SHT					003
64670		XA247	40									MLPRSD1	04			SHT					003
64671		XA247	41									MLORS01	04			SHT					003
64672		XA247	42		XA250	65			168	9		MLPRSB	01			SHT					003
64673		XA247	43		XA250	67			168	9		MLORSB	01			SHT					003
64028		XA247	44									GND	01			SHT					003
64331		XA247	44		XA345	58			168	9		MBINABR	02			SHT					003
64674		XA247	45									SPP	01			SHT					003
64675		XA247	46									MLPFFD1	04			SHT					003
64676		XA247	47									MLQFFD1	04			SHT					003
64677		XA247	48		XA250	61			168	9		MLPFFB	01			SHT					003
64678		XA247	49		XA250	63			168	9		MLQFFB	01			SHT					003
64679		XA247	50									MLPDS01	04			SHT					003
64680		XA247	51									MLQDS01	04			SHT					003
64681		XA247	52		XA250	57			168	9		MLPDSB	01			SHT					003
64682		XA247	53		XA250	59			168	9		MLQDSB	01			SHT					003
64683		XA247	54									SPP	01			SHT					003
64684		XA247	55									SPP	01			SHT					003
64685		XA247	56									SPP	01			SHT					003
64686		XA247	57									SPP	01			SHT					003
64323		XA247	58		XA345	45			168	9		MBCMABR	02			SHT					003
64687		XA247	58									GND	01			SHT					003
65586		XA247	58	3	XA451	56	3		168	9		XB06BR	01			SHT					003
64688		XA247	59									SPP	01			SHT					003
64689		XA247	60									SPP	01			SHT					003
64690		XA247	61									SPP	01			SHT					003
64691		XA247	62									SPP	01			SHT					003
64692		XA247	63									SPP	01			SHT					003
64693		XA247	64									SPP	01			SHT					003
64694		XA247	65									SPP	01			SHT					003
64695		XA247	66									SPP	01			SHT					003
64029		XA247	67									GND	01			SHT					003
64696		XA247	68									SPP	01			SHT					003
64697		XA247	69									SPP	01			SHT					003
64698		XA247	70									SPP	01			SHT					003
64699		XA247	71									SPP	01			SHT					003
64700		XA247	72									SPP	01			SHT					003
64701		XA247	73									SPP	01			SHT					003
64702		XA247	74									SPP	01			SHT					003
64703		XA247	75									SPP	01			SHT					003
64704		XA247	76									SPP	01			SHT					003
64705		XA247	77									SPP	01			SHT					003
64706		XA247	78									SPP	01			SHT					003
64707		XA247	79									SPP	01			SHT					003
64708		XA247	80									SPP	01			SHT					003

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RECORD NUMBER	FROM			TO				WIRE			SFC INST	SIGNAL	SEQ NO	EQUATION	TERM	FACTOR	CKT OR CHIP TYPE	GROUP	LOAD OR POWER PLANE	TEST POINTS AND OR	SIGNAL DESCRIPTION	ECO NO
	PREFIX	CONNECTOR	PIN	PREFIX	CONNECTOR	PIN	MULTI GROUP	CODE	COLOR	IDENT												
64334		XA248	01		XA345	43			16B	9		MBOPAB	02			SHT					B04	
64030		XA248	02									GND	01			SHT					B04	
64349		XA248	02		XA344	16			16B	9		MB02BBR	02			SHT					B04	
65579		XA248	02									XB00AR	03			SHT					B04	
65040		XA248	03									XB0PAB	03			SHT					B04	
64338		XA248	04		XA345	07			16B	9		MB00AB	02			SHT					B04	
64342		XA248	05		XA345	17			16B	9		MB01AB	02			SHT					B04	
65048		XA248	06									XB00AB	03			SHT					B04	
65056		XA248	07									XB01AB	03			SHT					B04	
64346		XA248	08		XA345	14			16B	9		MB02AB	02			SHT					B04	
64709		XA248	09									SPP	01			SHT					B04	
65064		XA248	10									XB02AB	03			SHT					B04	
64566		XA248	11									DNW				SHT				KEWAY	B06	
63948		XA248	12									DNW				SHT				KEWAY	B06	
64350		XA248	13		XA345	01			16B	9		MB03AB	02			SHT					B04	
64354		XA248	14		XA345	27			16B	9		MB04AB	02			SHT					B04	
65072		XA248	15									XB03AB	03			SHT					B04	
63999		XA248	16									GND				SHT					B04	
64361		XA248	16		XA344	39			16B	9		MB05BBR	02			SHT					B04	
65581		XA248	16									XB02AR	03			SHT					B04	
64358		XA248	17		XA345	37			16B	9		MB05AB	02			SHT					B04	
65080		XA248	18									XB04AB	03			SHT					B04	
65088		XA248	19									XB05AB	03			SHT					B04	
64362		XA248	20		XA345	41			16B	9		MB06AB	02			SHT					B04	
64366		XA248	21		XA345	23			16B	9		MB07AB	02			SHT					B04	
65096		XA248	22									XB06AB	03			SHT					B04	
65104		XA248	23									XB07AB	03			SHT					B04	
64436		XA248	24		XA342	52			16B	9		MXAR6D1	01			SHT					B04	
64183		XA248	25									KXAR4D1	03			SHT					B04	
65006		XA248	26									XBROAB	03			SHT					B04	
65012		XA248	27									XBRIAB	03			SHT					B04	
63949		XA248	28									+5V				SHT					B04	
64567		XA248	29									SPP				SHT					B04	
64568		XA248	30									SPP				SHT					B04	
64569		XA248	31									SPP				SHT					B04	
64000		XA248	32									GND				SHT					B04	
64337		XA248	32		XA344	44			16B	9		MB0PBBR	02			SHT					B04	
65584		XA248	32									XB05AR	03			SHT					B04	
64326		XA248	33		XA345	55			16B	9		MBENAB	02			SHT					B04	
64570		XA248	34									SPP				SHT					B04	
64992		XA248	35									XBENAB	03			SHT					B04	
64322		XA248	36		XA345	46			16B	9		MBCMAB	02			SHT					B04	
64330		XA248	37		XA345	60			16B	9		MBINAB	02			SHT					B04	
64984		XA248	38									XB0MAB	03			SHT					B04	
64998		XA248	39									XBINAB	03			SHT					B04	
64336		XA248	40		XA344	43			16B	9		MBOPBB	02			SHT					B04	
64340		XA248	41		XA344	07			16B	9		MB00BB	02			SHT					B04	
65043		XA248	42									XB0PBB	03			SHT					B04	
65051		XA248	43									XB00BB	03			SHT					B04	
64001		XA248	44									GND				SHT					B04	
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	PREFIX	CONNECTOR	PIN	WIRE	PREFIX	CONNECTOR	PIN	WIRE	CODE	COLOR	IDENT										
64333		XA248	44		XA344	58			168	9		MBINBBR	02				SHT			B04	
65571		XA248	44									XBCMAR	03				SHT			B04	
64571		XA248	45									SPP					SHT			B04	
64344		XA248	46		XA344	17			168	9		MBO1BB	02				SHT			B04	
64348		XA248	47		XA344	14			168	9		MBO2BB	02				SHT			B04	
65059		XA248	48									XB01BB	03				SHT			B04	
65067		XA248	49									XB02BB	03				SHT			B04	
64352		XA248	50		XA344	01			168	9		MBO3BB	02				SHT			B04	
64356		XA248	51		XA344	27			168	9		MBO4BB	02				SHT			B04	
65075		XA248	52									XB03BB	03				SHT			B04	
65083		XA248	53									XB04BB	03				SHT			B04	
64360		XA248	54		XA344	37			168	9		MBO5BB	02				SHT			B04	
64710		XA248	55									SPP	01				SHT			B04	
65091		XA248	56									KB05BB	03				SHT			B04	
64364		XA248	57		XA344	41			168	9		MBO6BB	02				SHT			B04	
64031		XA248	58									GND	01				SHT			B04	
65052		XA248	58	1	XA451	44	1		168	9		XB00BR	01				SHT			B04	
65060		XA248	58	2	XA451	46	2		168	9		XB01BR	01				SHT			B04	
65068		XA248	58	3	XA451	48	3		168	9		XB02BR	01				SHT			B04	
65099		XA248	59									XB06BB	03				SHT			B04	
64368		XA248	60		XA344	23			168	9		MBO7BB	02				SHT			B04	
64453		XA248	61		XA342	45			168	9		MXBR6D1	01				SHT			B04	
65107		XA248	62									XB07BB	03				SHT			B04	
65008		XA248	63									XBROBB	03				SHT			B04	
64196		XA248	64									KXBR4D1	03				SHT			B04	
64711		XA248	65									SPP	01				SHT			B04	
65014		XA248	66									XBR1BB	03				SHT			B04	
64032		XA248	67									DNW	01				SHT		KEYWAY	B06	
64712		XA248	68									DNW	01				SHT		KEYWAY	B06	
64713		XA248	69									SPP	01				SHT			B06	
64714		XA248	70									SPP	01				SHT			B04	
64715		XA248	71									SPP	01				SHT			B04	
64716		XA248	72									SPP	01				SHT			B04	
64328		XA248	73		XA344	55			168	9		MBENBB	02				SHT			B04	
64717		XA248	74									SPP	01				SHT			B04	
64995		XA248	75									XBENBB	03				SHT			B04	
64324		XA248	76		XA344	46			168	9		MBCMBB	02				SHT			B04	
64332		XA248	77		XA344	60			168	9		MBINBB	02				SHT			B04	
64987		XA248	78									XBCMBB	03				SHT			B04	
65001		XA248	79									XBINBB	03				SHT			B04	
64718		XA248	80									SPP	01				SHT			B04	
64719		XA249	01									SPP	01								
64033		XA249	02									SPP	01							A02	
64720		XA249	03									SPP	01								
64721		XA249	04									SPP	01								
64722		XA249	05									SPP	01								
64723		XA249	06									SPP	01								
64724		XA249	07									SPP	01								
CONNECTOR	XA249	CONTINUED ON THE NEXT PAGE ****																			

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RECORD NUMBER	FROM			WIRE	TO			MULTI GROUP	CODE	COLOR	IDENT	SIGNAL	SEQ NO	EQUATION	TERM FACTOR	CKT OR CHIP TYPE	GROUP	LOAD OF POWER PLANE	TEST POINTS AND OR	SIGNAL DESCRIPTION	ECO NO
	PREFIX	CONNECTOR	PIN		PREFIX	CONNECTOR	PIN														
64725		XA249	08									SPP	01								
64726		XA249	09									SPP	01								
64727		XA249	10									SPP	01								
64728		XA249	11									SPP	01								
63961		XA249	12									SPP	01								A02
64729		XA249	13									SPP	01								
64730		XA249	14									SPP	01								
64731		XA249	15									SPP	01								
64034		XA249	16									SPP	01								A02
64732		XA249	17									SPP	01								
64733		XA249	18									SPP	01								
64734		XA249	19									SPP	01								
64735		XA249	20									SPP	01								
64736		XA249	21									SPP	01								
64737		XA249	22									SPP	01								
64738		XA249	23									SPP	01								
64739		XA249	24									SPP	01								
64740		XA249	25									SPP	01								
64741		XA249	26									SPP	01								
64742		XA249	27									SPP	01								
63962		XA249	28									SPP	01								A02
64743		XA249	29									SPP	01								
64744		XA249	30									SPP	01								
64745		XA249	31									SPP	01								
64035		XA249	32									SPP	01								A02
64746		XA249	33			XA345	53		16B	9		MBENABR	02								D04
65641		XA249	33			XA251	76		18B	9		MBENABR	04								D04
64747		XA249	34									SPP	01								
64748		XA249	35									SPP	01								
64749		XA249	36									SPP	01								
64750		XA249	37									SPP	01								
64751		XA249	38									SPP	01								
64752		XA249	39									SPP	01								
64753		XA249	40									SPP	01								
64754		XA249	41									SPP	01								
64755		XA249	42									SPP	01								
64756		XA249	43									SPP	01								
64036		XA249	44									SPP	01								A02
64757		XA249	45									SPP	01								
64758		XA249	46									SPP	01								
64759		XA249	47									SPP	01								
64760		XA249	48									SPP	01								
64761		XA249	49									SPP	01								
64762		XA249	50									SPP	01								
64763		XA249	51									SPP	01								
64764		XA249	52									SPP	01								
64765		XA249	53									SPP	01								
64766		XA249	54									SPP	01								
64767		XA249	55									SPP	01								
64768		XA249	56									SPP	01								
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ITEM NO.	FROM	TO	REF	SIGNAL	SEC NO	EQUATION	TEST POINTS	SIGNAL DIS. RSTN	FIG NO	
CONNECTOR	PIN	CONNECTOR	PIN							
64769	XA249	57		SPP	01					
64037	XA249	58		SPP	01				A02	
64770	XA249	59		SPP	01					
64771	XA249	60		SPP	01					
64772	XA249	61		SPP	01					
64773	XA249	62	XA344 21	SPP	02					
65642	XA249	62	XA451 58	MB07BBR	04	16B 9			D04	
63966	XA249	63		SPP	02	16B 9			D04	
63968	XA249	64		SPP	02				B02	
64774	XA249	65		SPP	01				B02	
64775	XA249	66		SPP	01					
64038	XA249	67		SPP	01					
64776	XA249	68		SPP	01					
64777	XA249	69		SPP	01					
64778	XA249	70		SPP	01					
64779	XA249	71		SPP	01					
64780	XA249	72		SPP	01					
64781	XA249	73		SPP	01					
64782	XA249	74		SPP	01					
64783	XA249	75		SPP	01					
64784	XA249	76		SPP	01					
64785	XA249	77		SPP	01					
64786	XA249	78		SPP	01					
64787	XA249	79		SPP	01					
64788	XA249	80		SPP	01					
64259	XA250	01		LP0B1B1	03			EXT	B04	
64039	XA250	02		GND	01			EXT	B04	
64257	XA250	02		LP0B16R	02			EXT	B04	
64263	XA250	03		LP0B2D1	03			EXT	B04	
64040	XA250	04		GND	01			EXT	B04	
64261	XA250	04		LP0B2DR	02			EXT	B04	
64267	XA250	05		LP0B3B1	03			EXT	B04	
64041	XA250	06		GND	01			EXT	B04	
64265	XA250	06		LP0B3BR	02			EXT	B04	
64270	XA250	07	XA243 39	LP0B4B1	005	16B 9		EXT	B04	
64042	XA250	08		GND	01			EXT	B04	
64269	XA250	08		LP0B4BR	02			EXT	B04	
65603	XA250	08	3 XA250 10	GND2500B	01	16R 9		EXT	B04	
64275	XA250	09		LP0B5D1	03			EXT	C02	
64156	XA250	10		GND2500B	02			EXT	B04	
64273	XA250	10		LP0B5DR	02			EXT	B04	
64279	XA250	11		LP0B6D1	03			EXT	B04	
64043	XA250	12		GND	01			EXT	B04	
64277	XA250	12		LP0B6DR	02			EXT	B04	
64283	XA250	13		LP0B7D1	03			EXT	B04	
64044	XA250	14		GND	01			EXT	B04	
64281	XA250	14		LP0B7DR	02			EXT	B04	
64255	XA250	15		LP0BPD1	03			EXT	B04	
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RECORD NUMBER	FROM			TO			WIRE				SIGNAL	SEQ NO	EQUATION	TERM	FACTOR	EXT OR CHIP TYPE	LOA OR POINT PLANE	LIST PG WITH	SIGNAL DESCRIPTION	L.O. NO
	PREFIX	CONNECTOR	PIN	PREFIX	CONNECTOR	PIN	MULTI GROUP	CODE	COLOR	IDENT										
64045		XA250	16								GND	01				EXT				B04
64253		XA250	16								LPDBPDR	02				EXT				B04
64231		XA250	17								LLPDSB	02				EXT				D03
64046		XA250	18								GND	01				EXT				B04
64229		XA250	18								LLPDSDR	02				EXT				B04
64243		XA250	19								LLQDSB	02				EXT				D03
64047		XA250	20								GND	01				EXT				B04
64241		XA250	20								LLQSDR	02				EXT				B04
64235		XA250	21								LLPFFB	02				EXT				D03
64048		XA250	22								GND	01				EXT				B04
64233		XA250	22								LLPFFDR	02				EXT				B04
64247		XA250	23								LLQFFB	02				EXT				D03
64049		XA250	24								GND	01				EXT				B04
64245		XA250	24								LLQFFDR	02				EXT				B04
64239		XA250	25								LLPRSB	02				EXT				D03
64050		XA250	26								GND	01				EXT				B04
64237		XA250	26								LLPRSDR	02				EXT				B04
64251		XA250	27								LLQRSB	02				EXT				D03
64051		XA250	28								GND	01				EXT				B04
64249		XA250	28								LLQRSR	02				EXT				B04
64227		XA250	29								LDMNDB4	03				EXT				B04
64052		XA250	30								GND	01				EXT				B04
64226		XA250	30								LDMNDDXR	02				EXT				B04
64225		XA250	31								LDMNCB4	03				EXT				B04
64053		XA250	32								GND	01				EXT				B04
64224		XA250	32								LDMNCDXR	02				EXT				B04
64286		XA250	33								LPFLT B4	03				EXT				B04
64054		XA250	34								GND	01				EXT				B04
64285		XA250	34								LPFLTDXR	02				EXT				B04
64789		XA250	35		XA250	37			168	9	+5VDC	02				EXT				B04
64055		XA250	36								GND	01				EXT				B04
65596		XA250	36		XA250	38			168	9	+5VDCR	02				EXT				B04
64790	C	XA250	37		XA250	75			168	9	+5VDC	03				EXT				B04
64056		XA250	38								GND	01				EXT				B04
65597		XA250	38		XA250	76			168	9	+5VDCR	03				EXT				B04
64791		XA250	39								SPP	01				EXT				B04
64057		XA250	40								GND	01				EXT				B04
64404		XA250	41		XA243	55			168	9	MPDB1B1	02				EXT				B04
64058		XA250	42								GND	01				EXT				B04
64403		XA250	42								MPDB1BR	02				EXT				B04
64408		XA250	43		XA243	61			168	9	MPDB2D1	02				EXT				B04
64059		XA250	44								GND	01				EXT				B04
64407		XA250	44								MPDB2DR	02				EXT				B04
65575		XA250	44								XBINAR	03				EXT				B04
64412		XA250	45		XA243	56			168	9	MPDB3B1	03				EXT				B04
64060		XA250	46								GND	01				EXT				B04
64411		XA250	46								MPDB3BR	02				EXT				B04
64416		XA250	47		XA243	62			168	9	MPDB4B1	03				EXT				B04
64061		XA250	48								GND	01				EXT				B04
64415		XA250	48								MPDB4BR	02				EXT				B04
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	PREFIX	CONNECTOR	PIN	PIN	WIRE GROUP	CODE										
64420	XA250	49	XA243	63	168	9	MPDB5D1	02				EXT				B04
64062	XA250	50					GND	01				EXT				B04
64419	XA250	50					MPDB5DR	02				EXT				B04
64424	XA250	51	XA243	65	168	9	MPDB6D1	02				EXT				B04
64063	XA250	52					GND	01				EXT				B04
64423	XA250	52					MPDB6DR	02				EXT				B04
65638	XA250	52	XA451	50	168	9	XB03BR	01				EXT				C01
64428	XA250	53	XA243	66	168	9	MPDB7D1	02				EXT				B04
64064	XA250	54					GND	01				EXT				B04
64427	XA250	54					MPDB7DR	02				EXT				B04
65639	XA250	54	XA451	52	168	9	XB04BR	01				EXT				C01
64401	XA250	55	XA243	64	168	9	MPDB8D1	02				EXT				B04
64065	XA250	56					GND	01				EXT				B04
64400	XA250	56					MPDB8PDR	02				EXT				B04
65640	XA250	56	XA451	54	168	9	XB05BR	01				EXT				C01
64376	XA250	57					MLPDSB	02				EXT				D03
64066	XA250	58					GND	01				EXT				B04
64375	XA250	58					MLPDSR	02				EXT				B04
65378	XA250	58	XA451	42	168	9	XB0PBR	01				EXT				B04
64387	XA250	59					MLQDSB	02				EXT				D03
64067	XA250	60					GND	01				EXT				B04
64386	XA250	60					MLQDSR	02				EXT				B04
64380	XA250	61					MLPFFB	02				EXT				D03
64068	XA250	62					GND	01				EXT				B04
64379	XA250	62					MLPFFDR	02				EXT				B04
64392	XA250	63					MLQFFB	02				EXT				D03
64069	XA250	64					GND	01				EXT				B04
64391	XA250	64					MLQFFDR	02				EXT				B04
64384	XA250	65					MLPRSB	02				EXT				D03
64070	XA250	66					GND	01				EXT				B04
64383	XA250	66					MLPRSDR	02				EXT				B04
64396	XA250	67					MLQRSB	02				EXT				D03
64071	XA250	68					GND	01				EXT				B04
64395	XA250	68					MLQRSR	02				EXT				B04
65572	XA250	68	XA451	78	168	9	XB0MBR	01				EXT				B04
64373	XA250	69					MDMNB4	03				EXT				B04
64072	XA250	70					GND	01				EXT				B04
64372	XA250	70	XA345	59	168	9	MDMNDXR	01				EXT				B04
64371	XA250	71					MDMNCB4	03				EXT				B04
64073	XA250	72					GND	01				EXT				B04
64370	XA250	72	XA345	79	168	9	MDMNCXR	01				EXT				B04
65604	XA250	72	XA250	74	168	9	GND25072	01				EXT				C02
64431	XA250	73					MPFLT84	03				EXT				C01
64158	XA250	74					GND25072	02				EXT				B04
64430	XA250	74	XA344	59	168	9	MPFLTDXR	01				EXT				B04
64792	XA250	75	XA250	77	168	9	+5VDC	04				EXT				B04
65598	XA250	76	XA250	78	168	9	+5VDCR	04				EXT				B04
64793	XA250	77	XA449	63	168	9	+5VDC	05				EXT				B04
64074	XA250	78					GND	01				EXT				B04
65574	XA250	78					XB0ENBR	03				EXT				B04
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	PREFIX	CONNECTOR	PIN	ENFS	PREFIX	CONNECTOR	PIN	ENFS	MULTI GROUP	CODE	COLOR	IDENT											
65599		XA250	78			XA449	64			16B	9		+5VCCR	05				EXT				B04	
64794		XA250	79										SPP	01				EXT				B04	
64075		XA250	80										GND	01				EXT				B04	
65111		XA250	80			XA251	74			16B	9		XBR7AR	00				EXT				B04	
64957		XA251	01			XA350	01			16B	9		XAOPAB	01				EXT				B04	
64076		XA251	02										GND	01				EXT				B04	
64958		XA251	02			XA350	02			16B	9		XAOPAR	01				EXT				B04	
64960		XA251	03			XA350	03			16B	9		XAO0AB	01				EXT				B04	
64077		XA251	04										GND	01				EXT				B04	
64961		XA251	04			XA350	04			16B	9		XAO0AR	01				EXT				B04	
64963		XA251	05			XA350	05			16B	9		XA01AB	01				EXT				B04	
64078		XA251	06										GND	01				EXT				B04	
64964		XA251	06			XA350	06			16B	9		XA01AR	01				EXT				B04	
64966		XA251	07			XA350	07			16B	9		XA02AB	01				EXT				B04	
64079		XA251	08										GND	01				EXT				B04	
64165		XA251	08										GND251B	02				EXT				B04	
64967		XA251	08			XA350	08			16B	9		XA02AR	01				EXT				B04	
64969		XA251	09			XA350	09			16B	9		XA03AB	01				EXT				B04	
64164		XA251	10	3		XA251	08	3		16B	9		GND251B	01				EXT				C02	
64970		XA251	10			XA350	10			16B	9		XA03AR	01				EXT				B04	
64971		XA251	11			XA350	11			16B	9		XA04AB	01				EXT				B04	
64080		XA251	12										GND	01				EXT				B04	
64972		XA251	12			XA350	12			16B	9		XA04AR	01				EXT				B04	
64974		XA251	13			XA350	13			16B	9		XA05AB	01				EXT				B04	
64081		XA251	14										GND	01				EXT				B04	
64975		XA251	14			XA350	14			16B	9		XA05AR	01				EXT				B04	
64977		XA251	15			XA350	15			16B	9		XA06AB	01				EXT				B04	
64082		XA251	16										GND	01				EXT				B04	
64978		XA251	16			XA350	16			16B	9		XA06AR	01				EXT				B04	
64980		XA251	17			XA350	17			16B	9		XA07AB	01				EXT				B04	
64083		XA251	18										GND	01				EXT				B04	
64981		XA251	18			XA350	18			16B	9		XA07AR	01				EXT				B04	
64933		XA251	19			XA350	19			16B	9		XAR0AB	01				EXT				B04	
64084		XA251	20										GND	01				EXT				B04	
64934		XA251	20			XA350	20			16B	9		XAR0AR	01				EXT				B04	
64936		XA251	21			XA350	21			16B	9		XAR1AB	01				EXT				B04	
64085		XA251	22										GND	01				EXT				B04	
64937		XA251	22			XA350	22			16B	9		XAR1AR	01				EXT				B04	
64939		XA251	23			XA350	23			16B	9		XAR2AB	01				EXT				B04	
64086		XA251	24										GND	01				EXT				B04	
64940		XA251	24			XA350	24			16B	9		XAR2AR	01				EXT				B04	
64942		XA251	25			XA350	25			16B	9		XAR3AB	01				EXT				B04	
64087		XA251	26										GND	01				EXT				B04	
64943		XA251	26			XA350	26			16B	9		XAR3AR	01				EXT				B04	
64945		XA251	27			XA350	27			16B	9		XAR4AB	01				EXT				B04	
64088		XA251	28										GND	01				EXT				B04	
64946		XA251	28			XA350	28			16B	9		XAR4AR	01				EXT				B04	
64948		XA251	29			XA350	29			16B	9		XAR5AB	01				EXT				B04	
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	PREFIX	CONNECTOR	PIN	USE	PREFIX	CONNECTOR	PIN	USE	MULTI GROUP	CODE	COLOR	IDENT											
64089		XA251	30										GND	01				EXT					B04
64949		XA251	30		XA350	30				16B	9		XAR5AR	01				EXT					B04
64951		XA251	31		XA350	31				16B	9		XAR6AB	01				EXT					B04
64090		XA251	32										GND	01				EXT					B04
64952		XA251	32		XA350	32				16B	9		XAR6AR	01				EXT					B04
64954		XA251	33		XA350	33				16B	9		XAR7AB	01				EXT					B04
64091		XA251	34										GND	01				EXT					B04
64955		XA251	34		XA350	34				16B	9		XAR7AR	01				EXT					B04
64927		XA251	35		XA350	35				16B	9		XAENAB	01				EXT					B04
64092		XA251	36										GND	01				EXT					B04
64928		XA251	36		XA350	36				16B	9		XAENAR	01				EXT					B04
64924		XA251	37		XA350	37				16B	9		XACMAB	01				EXT					B04
64093		XA251	38										GND	01				EXT					B04
64925		XA251	38		XA350	38				16B	9		XACMAR	01				EXT					B04
64930		XA251	39		XA350	39				16B	9		XAINAB	01				EXT					B04
64094		XA251	40										GND	01				EXT					B04
64931		XA251	40		XA350	40				16B	9		XAINAR	01				EXT					B04
65039		XA251	41		XA248	03				16B	9		XBOPAB	02				EXT					B04
64095		XA251	42										GND	01				EXT					B04
65041		XA251	42	3	XA245	32		3		16B	9		XBOPAR	02				EXT					B04
65047		XA251	43		XA248	06				16B	9		XB00AB	02				EXT					B04
64096		XA251	44										GND	01				EXT					B04
65049		XA251	44	3	XA248	02		3		16B	9		XB00AR	02				EXT					B04
65055		XA251	45		XA248	07				16B	9		XB01AB	02				EXT					B04
64097		XA251	46										GND	01				EXT					B04
65057		XA251	46	3	XA247	02		3		16B	9		XB01AR	02				EXT					B04
65063		XA251	47		XA248	10				16B	9		XB02AB	02				EXT					B04
64098		XA251	48										GND	01				EXT					B04
65065		XA251	48	3	XA248	16		3		16B	9		XB02AR	02				EXT					B04
65071		XA251	49		XA248	15				16B	9		XB03AB	02				EXT					B04
64099		XA251	50										GND	01				EXT					B04
65073		XA251	50	3	XA247	16		3		16B	9		XB03AR	02				EXT					B04
65079		XA251	51		XA248	18				16B	9		XB04AB	02				EXT					B04
64100		XA251	52										GND	01				EXT					B04
65081		XA251	52	3	XA245	16		3		16B	9		XB04AR	02				EXT					B04
65087		XA251	53		XA248	19				16B	9		XB05AB	02				EXT					B04
64101		XA251	54										GND	01				EXT					B04
65089		XA251	54	3	XA248	32		3		16B	9		XB05AR	02				EXT					B04
65095		XA251	55		XA248	22				16B	9		XB06AB	02				EXT					B04
64102		XA251	56										GND	01				EXT					B04
65097		XA251	56	3	XA247	32		3		16B	9		XB06AR	02				EXT					B04
65103		XA251	57		XA248	23				16B	9		XB07AB	02				EXT					B04
64103		XA251	58										GND	01				EXT					B04
65105		XA251	58	2	XA246	32		2		16B	9		XB07AR	02				EXT					C01
65005		XA251	59		XA248	26				16B	9		XBROAB	02				EXT					B04
64104		XA251	60										GND	01				EXT					B04
65007		XA251	60		XA350	60				16B	9		XBROAR	01				EXT					B04
65011		XA251	61		XA248	27				16B	9		XBRIAB	02				EXT					B04
64105		XA251	62										GND	01				EXT					B04
65013		XA251	62		XA350	62				16B	9		XBRIAR	01				EXT					B04
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	PREFIX	CONNECTOR	PIN	WIRE NO	PREFIX	CONNECTOR	PIN	WIRE NO	MULTI GROUP	CODE	COLOR	IDENT									AND	OR		
65017		XA251	63										XBR2AB	02				EXT				B04		
64106		XA251	64										GND	01				EXT				B04		
65018		XA251	64		XA350	64			168	9			XBR2AR	01				EXT				B04		
65021		XA251	65		XA350	65			168	9			XBR3AB	01				EXT				B04		
64107		XA251	66										GND	01				EXT				B04		
65022		XA251	66		XA350	66			168	9			XBR3AR	01				EXT				B04		
65025		XA251	67		XA350	67			168	9			XBR4AB	01				EXT				B04		
64108		XA251	68										GND	01				EXT				B04		
65026		XA251	68		XA350	68			168	9			XBR4AR	01				EXT				B04		
65029		XA251	69		XA350	69			168	9			XBR5AB	01				EXT				B04		
64109		XA251	70										GND	01				EXT				B04		
65030		XA251	70		XA350	70			168	9			XBR5AR	01				EXT				B04		
65033		XA251	71		XA350	71			168	9			XBR6AB	01				EXT				B04		
64110		XA251	72										GND	01				EXT				B04		
65034		XA251	72		XA350	72			168	9			XBR6AR	01				EXT				B04		
65037		XA251	73		XA350	73			168	9			XBR7AB	01				EXT				B04		
65038		XA251	74		XA350	74			168	9			XBR7AR	01				EXT				B04		
64991		XA251	75		XA248	35			168	9			XBENAB	02				EXT				B04		
64993		XA251	76		XA350	76			168	9			MBENABR	05				EXT				B04		
64983		XA251	77		XA248	38			168	9			XBCMAB	02				EXT				B04		
64111		XA251	78										GND	01				EXT				B04		
64985		XA251	78	3	XA248	44	3		168	9			XBCMAR	02				EXT				B04		
64997		XA251	79		XA248	39			168	9			XBINAB	02				EXT				B04		
64112		XA251	80										GND	01				EXT				B04		
64999		XA251	80	3	XA250	44	3		168	9			XBINAR	02				EXT				B04		
52239		XA301	01										SPP	51										
50213		XA301	02										GND	51										
52240		XA301	03										SPP	51										
52241		XA301	04										SPP	51										
52242		XA301	05										SPP	51										
52243		XA301	06										SPP	51										
52244		XA301	07										SPP	51										
52245		XA301	08										SPP	51										
52246		XA301	09										SPP	51										
52247		XA301	10										SPP	51										
52248		XA301	11										SPP	51										
50018		XA301	12										+5V	51										
52249		XA301	13										SPP	51										
52250		XA301	14										SPP	51										
52251		XA301	15										SPP	51										
50214		XA301	16										GND	51										
52252		XA301	17										SPP	51										
52253		XA301	18										SPP	51										
52254		XA301	19										SPP	51										
52255		XA301	20										SPP	51										
52256		XA301	21										SPP	51										
52257		XA301	22										SPP	51										
52258		XA301	23										SPP	51										
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	PREFIX	CONNECTOR	PIN	PREFIX	CONNECTOR	PIN	WIRE NO	MULTI GROUP	CODE	COLOR											
52259		XA301	24								SPP	51									
52260		XA301	25								SPP	51									
52261		XA301	26								SPP	51									
52262		XA301	27								SPP	51									
50019		XA301	28								+5V	51									
52263		XA301	29								SPP	51									
52264		XA301	30								SPP	51									
52265		XA301	31								SPP	51									
50215		XA301	32								GND	51									
52266		XA301	33								SPP	51									
52267		XA301	34								SPP	51									
52268		XA301	35								SPP	51									
52269		XA301	36								SPP	51									
52270		XA301	37								SPP	51									
52271		XA301	38								SPP	51									
52272		XA301	39								SPP	51									
52273		XA301	40								SPP	51									
52274		XA301	41								SPP	51									
52275		XA301	42								SPP	51									
52276		XA301	43								SPP	51									
50216		XA301	44								GND	51									
52277		XA301	45								SPP	51									
52278		XA301	46								SPP	51									
52279		XA301	47								SPP	51									
52280		XA301	48								SPP	51									
52281		XA301	49								SPP	51									
52282		XA301	50								SPP	51									
52283		XA301	51								SPP	51									
52284		XA301	52								SPP	51									
52285		XA301	53								SPP	51									
52286		XA301	54								SPP	51									
52287		XA301	55								SPP	51									
52288		XA301	56								SPP	51									
52289		XA301	57								SPP	51									
50217		XA301	58								GND	51									
52290		XA301	59								SPP	51									
52291		XA301	60								SPP	51									
52292		XA301	61								SPP	51									
52293		XA301	62								SPP	51									
52294		XA301	63								SPP	51									
52295		XA301	64								SPP	51									
52296		XA301	65								SPP	51									
52297		XA301	66								SPP	51									
50218		XA301	67								GND	51									
52298		XA301	68								SPP	51									
52299		XA301	69								SPP	51									
52300		XA301	70								SPP	51									
52301		XA301	71								SPP	51									
52302		XA301	72								SPP	51									
52303		XA301	73								SPP	51									
CONNECTOR XA301 CONTINUED ON THE NEXT PAGE ***																					

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RECORD NUMBER	FROM				TO				WIRE				SIGNAL	SEQ NO	EQUATION	TERM FACTOR	CKT OR CHIP TYPE	GROUP	LOAD OR POWER PLANE	TEST POINTS AND OR	SIGNAL DESCRIPTION	ECO NO
	PREFIX	CONNECTOR	PIN	WIRE	PREFIX	CONNECTOR	PIN	WIRE	MULTI GROUP	CODE	COLOR	IDENT										
52304		XA301	74									SPP	51									
52305		XA301	75									SPP	51									
52306		XA301	76									SPP	51									
52307		XA301	77									SPP	51									
52308		XA301	78									SPP	51									
52309		XA301	79									SPP	51									
52310		XA301	80									SPP	51									
52311		XA302	01									SPP	51									
50219		XA302	02									GND	51									
52312		XA302	03									SPP	51									
52313		XA302	04									SPP	51									
52314		XA302	05									SPP	51									
52315		XA302	06									SPP	51									
52316		XA302	07									SPP	51									
52317		XA302	08									SPP	51									
52318		XA302	09									SPP	51									
52319		XA302	10									SPP	51									
52320		XA302	11									SPP	51									
50020		XA302	12									+5V	51									
52321		XA302	13									SPP	51									
52322		XA302	14									SPP	51									
52323		XA302	15									SPP	51									
50220		XA302	16									GND	51									
52324		XA302	17									SPP	51									
52325		XA302	18									SPP	51									
52326		XA302	19									SPP	51									
52327		XA302	20									SPP	51									
52328		XA302	21									SPP	51									
52329		XA302	22									SPP	51									
52330		XA302	23									SPP	51									
52331		XA302	24									SPP	51									
52332		XA302	25									SPP	51									
52333		XA302	26									SPP	51									
52334		XA302	27									SPP	51									
50021		XA302	28									+5V	51									
52335		XA302	29									SPP	51									
52336		XA302	30									SPP	51									
52337		XA302	31									SPP	51									
50221		XA302	32									GND	51									
52338		XA302	33									SPP	51									
52339		XA302	34									SPP	51									
52340		XA302	35									SPP	51									
52341		XA302	36									SPP	51									
52342		XA302	37									SPP	51									
52343		XA302	38									SPP	51									
52344		XA302	39									SPP	51									
52345		XA302	40									SPP	51									
52346		XA302	41									SPP	51									
CONNECTOR	XA302	CONTINUED ON THE NEXT PAGE ***																				

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FIGURE NUMBER	FROM			TO			WIRE				SIGNAL	SEQ NO	EQUATION	TEST POINT	SIGNAL DESCRIPTION	ECO NO
	PREFIX	CONNECTOR	PIN	PREFIX	CONNECTOR	PIN	GROUP	CODE	COLOR	IDENT						
52347		XA302	42								SPP	51				
52348		XA302	43								SPP	51				
50222		XA302	44								GND	51				
52349		XA302	45								SPP	51				
52350		XA302	46								SPP	51				
52351		XA302	47								SPP	51				
52352		XA302	48								SPP	51				
52353		XA302	49								SPP	51				
52354		XA302	50								SPP	51				
52355		XA302	51								SPP	51				
52356		XA302	52								SPP	51				
52357		XA302	53								SPP	51				
52358		XA302	54								SPP	51				
52359		XA302	55								SPP	51				
52360		XA302	56								SPP	51				
52361		XA302	57								SPP	51				
50223		XA302	58								GND	51				
52362		XA302	59								SPP	51				
52363		XA302	60								SPP	51				
52364		XA302	61								SPP	51				
52365		XA302	62								SPP	51				
52366		XA302	63								SPP	51				
52367		XA302	64								SPP	51				
52368		XA302	65								SPP	51				
52369		XA302	66								SPP	51				
50224		XA302	67								GND	51				
52370		XA302	68								SPP	51				
52371		XA302	69								SPP	51				
52372		XA302	70								SPP	51				
52373		XA302	71								SPP	51				
52374		XA302	72								SPP	51				
52375		XA302	73								SPP	51				
52376		XA302	74								SPP	51				
52377		XA302	75								SPP	51				
52378		XA302	76								SPP	51				
52379		XA302	77								SPP	51				
52380		XA302	78								SPP	51				
52381		XA302	79								SPP	51				
52382		XA302	80								SPP	51				
52383		XA303	01								SPP	51				
50225		XA303	02								GND	51				
52384		XA303	03								SPP	51				
52385		XA303	04								SPP	51				
52386		XA303	05								SPP	51				
52387		XA303	06								SPP	51				
52388		XA303	07								SPP	51				
52389		XA303	08								SPP	51				
52390		XA303	09								SPP	51				
CONNECTOR XA303 CONTINUED ON THE NEXT PAGE ****																

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RECORD NUMBER	FROM			TO			WIRE				SPEC INST	SIGNAL	SER NO	EQUATION	TERM	FACTOR	CKT OR CHIP TYPE	GROUP	LOAD OR POWER PLANE	TEST POINTS AND ON	SIGNAL DESCRIPTION	ECO NO	
	PREFIX	CONNECTOR	PIN	PREFIX	CONNECTOR	PIN	REF	MULTI GROUP	CODE	COLOR													IDENT
52391		XA303	10									SPP	51										
52392		XA303	11									SPP	51										
50022		XA303	12									+5V	51										
52393		XA303	13									SPP	51										
52394		XA303	14									SPP	51										
52395		XA303	15									SPP	51										
50226		XA303	16									GND	51										
52396		XA303	17									SPP	51										
52397		XA303	18									SPP	51										
52398		XA303	19									SPP	51										
52399		XA303	20									SPP	51										
52400		XA303	21									SPP	51										
52401		XA303	22									SPP	51										
52402		XA303	23									SPP	51										
52403		XA303	24									SPP	51										
52404		XA303	25									SPP	51										
52405		XA303	26									SPP	51										
52406		XA303	27									SPP	51										
50023		XA303	28									+5V	51										
52407		XA303	29									SPP	51										
52408		XA303	30									SPP	51										
52409		XA303	31									SPP	51										
50227		XA303	32									GND	51										
52410		XA303	33									SPP	51										
52411		XA303	34									SPP	51										
52412		XA303	35									SPP	51										
52413		XA303	36									SPP	51										
52414		XA303	37									SPP	51										
52415		XA303	38									SPP	51										
52416		XA303	39									SPP	51										
52417		XA303	40									SPP	51										
52418		XA303	41									SPP	51										
52419		XA303	42									SPP	51										
52420		XA303	43									SPP	51										
50228		XA303	44									GND	51										
52421		XA303	45									SPP	51										
52422		XA303	46									SPP	51										
52423		XA303	47									SPP	51										
52424		XA303	48									SPP	51										
52425		XA303	49									SPP	51										
52426		XA303	50									SPP	51										
52427		XA303	51									SPP	51										
52428		XA303	52									SPP	51										
52429		XA303	53									SPP	51										
52430		XA303	54									SPP	51										
52431		XA303	55									SPP	51										
52432		XA303	56									SPP	51										
52433		XA303	57									SPP	51										
50229		XA303	58									GND	51										
52434		XA303	59									SPP	51										
CONNECTOR	XA303	CONTINUED ON THE NEXT PAGE ****																					

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RECORD NUMBER	FROM			TO			WIRE				SIGNAL	SEQ NO	EQUATION	TERMS	FACTOR	CKT OR CHIP TYPE	GROUP	LOAD OR POWER PLANE	TEST POINTS AND OR	SIGNAL DESCRIPTION	ECO NO
	PREFIX	CONNECTOR	PIN	PREFIX	CONNECTOR	PIN	SHIELD	MULTI GROUP	CODE	COLOR											
52435		XA303	60									SPP	51								
52436		XA303	61									SPP	51								
52437		XA303	62									SPP	51								
52438		XA303	63									SPP	51								
52439		XA303	64									SPP	51								
52440		XA303	65									SPP	51								
52441		XA303	66									SPP	51								
50230		XA303	67									GND	51								
52442		XA303	68									SPP	51								
52443		XA303	69									SPP	51								
52444		XA303	70									SPP	51								
52445		XA303	71									SPP	51								
52446		XA303	72									SPP	51								
52447		XA303	73									SPP	51								
52448		XA303	74									SPP	51								
52449		XA303	75									SPP	51								
52450		XA303	76									SPP	51								
52451		XA303	77									SPP	51								
52452		XA303	78									SPP	51								
52453		XA303	79									SPP	51								
52454		XA303	80									SPP	51								
52455		XA304	01									SPP	51								
50231		XA304	02									GND	51								
52456		XA304	03									SPP	51								
52457		XA304	04									SPP	51								
52458		XA304	05									SPP	51								
52459		XA304	06									SPP	51								
52460		XA304	07									SPP	51								
52461		XA304	08									SPP	51								
52462		XA304	09									SPP	51								
52463		XA304	10									SPP	51								
52464		XA304	11									SPP	51								
50024		XA304	12									+5V	51								
52465		XA304	13									SPP	51								
52466		XA304	14									SPP	51								
52467		XA304	15									SPP	51								
50232		XA304	16									GND	51								
52468		XA304	17									SPP	51								
52469		XA304	18									SPP	51								
52470		XA304	19									SPP	51								
52471		XA304	20									SPP	51								
52472		XA304	21									SPP	51								
52473		XA304	22									SPP	51								
52474		XA304	23									SPP	51								
52475		XA304	24									SPP	51								
52476		XA304	25									SPP	51								
52477		XA304	26									SPP	51								
52478		XA304	27									SPP	51								
CONNECTOR		XA304	CONTINUED ON THE NEXT PAGE ***																		

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RECORD NUMBER	FROM			CIRCUIT	TO			WIRE				SIGNAL	SEQ NO	EQUATION	TERM	FACTORY	CKT OR CHIP TYPE	GROUP	LOAD OR POWER PLANE	TEST POINTS		SIGNAL DESCRIPTION	PCB NO
	PREFIX	CONNECTOR	PIN		PREFIX	CONNECTOR	PIN	MULTI GROUP	CODE	COLOR	IDENT									AND	OR		
50025		XA304	28									+5V	51										
52479		XA304	29									SPP	51										
52480		XA304	30									SPP	51										
52481		XA304	31									SPP	51										
50233		XA304	32									GND	51										
52482		XA304	33									SPP	51										
52483		XA304	34									SPP	51										
52484		XA304	35									SPP	51										
52485		XA304	36									SPP	51										
52486		XA304	37									SPP	51										
52487		XA304	38									SPP	51										
52488		XA304	39									SPP	51										
52489		XA304	40									SPP	51										
52490		XA304	41									SPP	51										
52491		XA304	42									SPP	51										
52492		XA304	43									SPP	51										
50234		XA304	44									GND	51										
52493		XA304	45									SPP	51										
52494		XA304	46									SPP	51										
52495		XA304	47									SPP	51										
52496		XA304	48									SPP	51										
52497		XA304	49									SPP	51										
52498		XA304	50									SPP	51										
52499		XA304	51									SPP	51										
52500		XA304	52									SPP	51										
52501		XA304	53									SPP	51										
52502		XA304	54									SPP	51										
52503		XA304	55									SPP	51										
52504		XA304	56									SPP	51										
52505		XA304	57									SPP	51										
50235		XA304	58									GND	51										
52506		XA304	59									SPP	51										
52507		XA304	60									SPP	51										
52508		XA304	61									SPP	51										
52509		XA304	62									SPP	51										
52510		XA304	63									SPP	51										
52511		XA304	64									SPP	51										
52512		XA304	65									SPP	51										
52513		XA304	66									SPP	51										
50236		XA304	67									GND	51										
52514		XA304	68									SPP	51										
52515		XA304	69									SPP	51										
52516		XA304	70									SPP	51										
52517		XA304	71									SPP	51										
52518		XA304	72									SPP	51										
52519		XA304	73									SPP	51										
52520		XA304	74									SPP	51										
52521		XA304	75									SPP	51										
52522		XA304	76									SPP	51										
52523		XA304	77									SPP	51										
CONNECTOR		XA304	CONTINUED ON THE NEXT PAGE ****																				

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RECORD NUMBER	FROM			TO			WIRE			SIGNAL	SEQ NO	EQUATION	TERM	FACTOR	CKT OR CHIP TYPE	GROUP	LOAD OR POWER PLANE	TEST POINTS		SIGNAL DESCRIPTION	ECO NO
	PREFIX	CONNECTOR	PIN	PREFIX	CONNECTOR	PIN	WIRE GROUP	CODE	COLOR									IDENT	AND		
52524		XA304	78							SPP	51										
52525		XA304	79							SPP	51										
52526		XA304	80							SPP	51										
52527		XA305	01							SPP	51										
50237		XA305	02							GND	51										
52528		XA305	03							SPP	51										
52529		XA305	04							SPP	51										
52530		XA305	05							SPP	51										
52531		XA305	06							SPP	51										
52532		XA305	07							SPP	51										
52533		XA305	08							SPP	51										
52534		XA305	09							SPP	51										
52535		XA305	10							SPP	51										
52536		XA305	11							SPP	51										
50026		XA305	12							+5V	51										
52537		XA305	13							SPP	51										
52538		XA305	14							SPP	51										
52539		XA305	15							SPP	51										
50238		XA305	16							GND	51										
52540		XA305	17							SPP	51										
52541		XA305	18							SPP	51										
52542		XA305	19							SPP	51										
52543		XA305	20							SPP	51										
52544		XA305	21							SPP	51										
52545		XA305	22							SPP	51										
52546		XA305	23							SPP	51										
52547		XA305	24							SPP	51										
52548		XA305	25							SPP	51										
52549		XA305	26							SPP	51										
52550		XA305	27							SPP	51										
50027		XA305	28							+5V	51										
52551		XA305	29							SPP	51										
52552		XA305	30							SPP	51										
52553		XA305	31							SPP	51										
50239		XA305	32							GND	51										
52554		XA305	33							SPP	51										
52555		XA305	34							SPP	51										
52556		XA305	35							SPP	51										
52557		XA305	36							SPP	51										
52558		XA305	37							SPP	51										
52559		XA305	38							SPP	51										
52560		XA305	39							SPP	51										
52561		XA305	40							SPP	51										
52562		XA305	41							SPP	51										
52563		XA305	42							SPP	51										
52564		XA305	43							SPP	51										
50240		XA305	44							GND	51										
52565		XA305	45							SPP	51										
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RECORD NUMBER	FROM			WIRE	TO			WIRE				SIGNAL	SEQ NO	EQUATION	TERM	FACTOR	CKT OR CHIP TYPE	OROP	LOAD OR POWER PLANE	TEST POINTS		SIGNAL DESCRIPTION	ECO NO
	PREFIX	CONNECTOR	PIN		PREFIX	CONNECTOR	PIN	SIZE	MULTI GROUP	CODE	COLOR									IDENT	AND		
52566		XA305	46									SPP	51										
52567		XA305	47									SPP	51										
52568		XA305	48									SPP	51										
52569		XA305	49									SPP	51										
52570		XA305	50									SPP	51										
52571		XA305	51									SPP	51										
52572		XA305	52									SPP	51										
52573		XA305	53									SPP	51										
52574		XA305	54									SPP	51										
52575		XA305	55									SPP	51										
52576		XA305	56									SPP	51										
52577		XA305	57									SPP	51										
50241		XA305	58									GND	51										
52578		XA305	59									SPP	51										
52579		XA305	60									SPP	51										
52580		XA305	61									SPP	51										
52581		XA305	62									SPP	51										
52582		XA305	63									SPP	51										
52583		XA305	64									SPP	51										
52584		XA305	65									SPP	51										
52585		XA305	66									SPP	51										
50242		XA305	67									GND	51										
52586		XA305	68									SPP	51										
52587		XA305	69									SPP	51										
52588		XA305	70									SPP	51										
52589		XA305	71									SPP	51										
52590		XA305	72									SPP	51										
52591		XA305	73									SPP	51										
52592		XA305	74									SPP	51										
52593		XA305	75									SPP	51										
52594		XA305	76									SPP	51										
52595		XA305	77									SPP	51										
52596		XA305	78									SPP	51										
52597		XA305	79									SPP	51										
52598		XA305	80									SPP	51										
52599		XA306	01									SPP	51										
50243		XA306	02									GND	51										
52600		XA306	03									SPP	51										
52601		XA306	04									SPP	51										
52602		XA306	05									SPP	51										
52603		XA306	06									SPP	51										
52604		XA306	07									SPP	51										
52605		XA306	08									SPP	51										
52606		XA306	09									SPP	51										
52607		XA306	10									SPP	51										
52608		XA306	11									SPP	51										
50028		XA306	12									+5V	51										
52609		XA306	13									SPP	51										
CONNECTOR		XA306	CONTINUED ON THE NEXT PAGE ****																				

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RECORD NUMBER	FROM			WIRE	TO			MULTI GROUP	CODE	COLOR	IDEN	SIGNAL	SEQ NO	EQUATION	TERM	FACTOR	CKT OR CHIP TYPE	GROUP	LOAD OR POWER PLANE	TEST POINTS AND OR	SIGNAL DESCRIPTION	FCO NO
	PREFIX	CONNECTOR	PIN		PREFIX	CONNECTOR	PIN															
52610		XA306	14									SPP	51									
52611		XA306	15									SPP	51									
50244		XA306	16									GND	51									
52612		XA306	17									SPP	51									
52613		XA306	18									SPP	51									
52614		XA306	19									SPP	51									
52615		XA306	20									SPP	51									
52616		XA306	21									SPP	51									
52617		XA306	22									SPP	51									
52618		XA306	23									SPP	51									
52619		XA306	24									SPP	51									
52620		XA306	25									SPP	51									
52621		XA306	26									SPP	51									
52622		XA306	27									SPP	51									
50029		XA306	28									+5V	51									
52623		XA306	29									SPP	51									
52624		XA306	30									SPP	51									
52625		XA306	31									SPP	51									
50245		XA306	32									GND	51									
52626		XA306	33									SPP	51									
52627		XA306	34									SPP	51									
52628		XA306	35									SPP	51									
52629		XA306	36									SPP	51									
52630		XA306	37									SPP	51									
52631		XA306	38									SPP	51									
52632		XA306	39									SPP	51									
52633		XA306	40									SPP	51									
52634		XA306	41									SPP	51									
52635		XA306	42									SPP	51									
52636		XA306	43									SPP	51									
50246		XA306	44									GND	51									
52637		XA306	45									SPP	51									
52638		XA306	46									SPP	51									
52639		XA306	47									SPP	51									
52640		XA306	48									SPP	51									
52641		XA306	49									SPP	51									
52642		XA306	50									SPP	51									
52643		XA306	51									SPP	51									
52644		XA306	52									SPP	51									
52645		XA306	53									SPP	51									
52646		XA306	54									SPP	51									
52647		XA306	55									SPP	51									
52648		XA306	56									SPP	51									
52649		XA306	57									SPP	51									
50247		XA306	58									GND	51									
52650		XA306	59									SPP	51									
52651		XA306	60									SPP	51									
52652		XA306	61									SPP	51									
52653		XA306	62									SPP	51									
52654		XA306	63									SPP	51									
CONNECTOR	XA306	CONTINUED ON THE NEXT PAGE ****																				

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RECORD NUMBER	FROM			TO			WIRE				SIGNAL	SEQ NO	EQUATION	TERM	FACTOR	CKT OR CHIP TYPE	GROUP	LOAD OF POWER PLANE	TEST POINTS AND UR	SIGNAL DESCRIPTION	ECO NO
	PREFIX	CONNECTOR	PIN	PREFIX	CONNECTOR	PIN	WIRE	MULTI GROUP	CODE	COLOR											
52655		XA306	64								SPP	51									
52656		XA306	65								SPP	51									
52657		XA306	66								SPP	51									
50248		XA306	67								GND	51									
52658		XA306	68								SPP	51									
52659		XA306	69								SPP	51									
52660		XA306	70								SPP	51									
52661		XA306	71								SPP	51									
52662		XA306	72								SPP	51									
52663		XA306	73								SPP	51									
52664		XA306	74								SPP	51									
52665		XA306	75								SPP	51									
52666		XA306	76								SPP	51									
52667		XA306	77								SPP	51									
52668		XA306	78								SPP	51									
52669		XA306	79								SPP	51									
52670		XA306	80								SPP	51									
52671		XA307	01								SPP	51									
50249		XA307	02								GND	51									
52672		XA307	03								SPP	51									
52673		XA307	04								SPP	51									
52674		XA307	05								SPP	51									
52675		XA307	06								SPP	51									
52676		XA307	07								SPP	51									
52677		XA307	08								SPP	51									
52678		XA307	09								SPP	51									
52679		XA307	10								SPP	51									
52680		XA307	11								SPP	51									
50030		XA307	12								+5V	51									
52681		XA307	13								SPP	51									
52682		XA307	14								SPP	51									
52683		XA307	15								SPP	51									
50250		XA307	16								GND	51									
52684		XA307	17								SPP	51									
52685		XA307	18								SPP	51									
52686		XA307	19								SPP	51									
52687		XA307	20								SPP	51									
52688		XA307	21								SPP	51									
52689		XA307	22								SPP	51									
52690		XA307	23								SPP	51									
52691		XA307	24								SPP	51									
52692		XA307	25								SPP	51									
52693		XA307	26								SPP	51									
52694		XA307	27								SPP	51									
50031		XA307	28								+5V	51									
52695		XA307	29								SPP	51									
52696		XA307	30								SPP	51									
52697		XA307	31								SPP	51									
CONNECTOR XA307 CONTINUED ON THE NEXT PAGE ****																					

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LITTON INDUSTRIES

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XA308

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RECORD NUMBER	FROM			TO			WIRE				SIGNAL	SEQ NO	EQUATION	TERM	FACTOR	CHIP OR CHIP TYPE	GROUP	LOCATION OR POWER PLANE	TYPICAL HEIGHTS	SIGNAL CHARACTERIZATION	REF ID	
	PREFIX	CONNECTOR	PIN	PREFIX	CONNECTOR	PIN	WIRE ID	MULTI GROUP	CODE	COLOR												IDENT
52743		XA308	01									SPP	51									
50255		XA308	02									GND	51									
52744		XA308	03									SPP	51									
52745		XA308	04									SPP	51									
52746		XA308	05									SPP	51									
52747		XA308	06									SPP	51									
52748		XA308	07									SPP	51									
52749		XA308	08									SPP	51									
52750		XA308	09									SPP	51									
52751		XA308	10									SPP	51									
52752		XA308	11									SPP	51									
50032		XA308	12									+5V	51									
52753		XA308	13									SPP	51									
52754		XA308	14									SPP	51									
52755		XA308	15									SPP	51									
50256		XA308	16									GND	51									
52756		XA308	17									SPP	51									
52757		XA308	18									SPP	51									
52758		XA308	19									SPP	51									
52759		XA308	20									SPP	51									
52760		XA308	21									SPP	51									
52761		XA308	22									SPP	51									
52762		XA308	23									SPP	51									
52763		XA308	24									SPP	51									
52764		XA308	25									SPP	51									
52765		XA308	26									SPP	51									
52766		XA308	27									SPP	51									
50033		XA308	28									+5V	51									
52767		XA308	29									SPP	51									
52768		XA308	30									SPP	51									
52769		XA308	31									SPP	51									
50257		XA308	32									GND	51									
52770		XA308	33									SPP	51									
52771		XA308	34									SPP	51									
52772		XA308	35									SPP	51									
52773		XA308	36									SPP	51									
52774		XA308	37									SPP	51									
52775		XA308	38									SPP	51									
52776		XA308	39									SPP	51									
52777		XA308	40									SPP	51									
52778		XA308	41									SPP	51									
52779		XA308	42									SPP	51									
52780		XA308	43									SPP	51									
50258		XA308	44									GND	51									
52781		XA308	45									SPP	51									
52782		XA308	46									SPP	51									
52783		XA308	47									SPP	51									
52784		XA308	48									SPP	51									
52785		XA308	49									SPP	51									
52786		XA308	50									SPP	51									
CONNECTOR		XA308	CONTINUED ON THE NEXT PAGE ***																			

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REC OR NUMBER	FROM			TO				WIRE			SIGNAL	SEQ NO	EQUATION	TERM	FACTOR	CKT OR CHIP TYPE	GROUP	LOAD OR POWER PLANE	TEST POINTS AND/OR	SIGNAL DESCRIPTION	ECO NO
	PREFIX	CONNECTOR	PIN	PREFIX	CONNECTOR	PIN	DR. P.D.	MULTI GROUP	CODE	COLOR											
52787		XA308	51									SPP	51								
52788		XA308	52									SPP	51								
52789		XA308	53									SPP	51								
52790		XA308	54									SPP	51								
52791		XA308	55									SPP	51								
52792		XA308	56									SPP	51								
52793		XA308	57									SPP	51								
50259		XA308	58									GND	51								
52794		XA308	59									SPP	51								
52795		XA308	60									SPP	51								
52796		XA308	61									SPP	51								
52797		XA308	62									SPP	51								
52798		XA308	63									SPP	51								
52799		XA308	64									SPP	51								
52800		XA308	65									SPP	51								
52801		XA308	66									SPP	51								
50260		XA308	67									GND	51								
52802		XA308	68									SPP	51								
52803		XA308	69									SPP	51								
52804		XA308	70									SPP	51								
52805		XA308	71									SPP	51								
52806		XA308	72									SPP	51								
52807		XA308	73									SPP	51								
52808		XA308	74									SPP	51								
52809		XA308	75									SPP	51								
52810		XA308	76									SPP	51								
52811		XA308	77									SPP	51								
52812		XA308	78									SPP	51								
52813		XA308	79									SPP	51								
52814		XA308	80									SPP	51								
52815		XA309	01									SPP	51								
50261		XA309	02									GND	51								
52816		XA309	03									SPP	51								
52817		XA309	04									SPP	51								
52818		XA309	05									SPP	51								
52819		XA309	06									SPP	51								
52820		XA309	07									SPP	51								
52821		XA309	08									SPP	51								
52822		XA309	09									SPP	51								
52823		XA309	10									SPP	51								
52824		XA309	11									SPP	51								
50034		XA309	12									+5V	51								
52825		XA309	13									SPP	51								
52826		XA309	14									SPP	51								
52827		XA309	15									SPP	51								
50262		XA309	16									GND	51								
52828		XA309	17									SPP	51								
52829		XA309	18									SPP	51								
	CONNECTOR	XA309	CONTINUED ON THE NEXT PAGE ****																		

RECORD NUMBER	FROM				TO				WIRE				SIGNAL	SEQ NO	EQUATION	TERM	FACTOR	CAT OR CHIP TYPE	GROUP	LOAD OR POWER PLANE	TEST POINTS AND/OR	SIGNAL DESCRIPTION	ECG NO	
	PREFIX	CONNECTOR	PIN	LINE	PREFIX	CONNECTOR	PIN	LINE	MULTI GROUP	CODE	COLOR	IDENT												SPC INST DTEC
52830		XA309	19										SPP	51										
52831		XA309	20										SPP	51										
52832		XA309	21										SPP	51										
52833		XA309	22										SPP	51										
52834		XA309	23										SPP	51										
52835		XA309	24										SPP	51										
52836		XA309	25										SPP	51										
52837		XA309	26										SPP	51										
52838		XA309	27										SPP	51										
50035		XA309	28										+5V	51										
52839		XA309	29										SPP	51										
52840		XA309	30										SPP	51										
52841		XA309	31										SPP	51										
50263		XA309	32										GND	51										
52842		XA309	33										SPP	51										
52843		XA309	34										SPP	51										
52844		XA309	35										SPP	51										
52845		XA309	36										SPP	51										
52846		XA309	37										SPP	51										
52847		XA309	38										SPP	51										
52848		XA309	39										SPP	51										
52849		XA309	40										SPP	51										
52850		XA309	41										SPP	51										
52851		XA309	42										SPP	51										
52852		XA309	43										SPP	51										
50264		XA309	44										GND	51										
52853		XA309	45										SPP	51										
52854		XA309	46										SPP	51										
52855		XA309	47										SPP	51										
52856		XA309	48										SPP	51										
52857		XA309	49										SPP	51										
52858		XA309	50										SPP	51										
52859		XA309	51										SPP	51										
52860		XA309	52										SPP	51										
52861		XA309	53										SPP	51										
52862		XA309	54										SPP	51										
52863		XA309	55										SPP	51										
52864		XA309	56										SPP	51										
52865		XA309	57										SPP	51										
50265		XA309	58										GND	51										
52866		XA309	59										SPP	51										
52867		XA309	60										SPP	51										
52868		XA309	61										SPP	51										
52869		XA309	62										SPP	51										
52870		XA309	63										SPP	51										
52871		XA309	64										SPP	51										
52872		XA309	65										SPP	51										
52873		XA309	66										SPP	51										
50266		XA309	67										GND	51										
52874		XA309	68										SPP	51										
	CONNECTOR	XA309	CONTINUED ON THE NEXT PAGE ****																					

RECORD NUMBER	FROM				TO				WIRE				SIGNAL	SEQ NO	EQUATION	TERM	FACTOR	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											
52875		XA309	69										SPP	51									
52876		XA309	70										SPP	51									
52877		XA309	71										SPP	51									
52878		XA309	72										SPP	51									
52879		XA309	73										SPP	51									
52880		XA309	74										SPP	51									
52881		XA309	75										SPP	51									
52882		XA309	76										SPP	51									
52883		XA309	77										SPP	51									
52884		XA309	78										SPP	51									
52885		XA309	79										SPP	51									
52886		XA309	80										SPP	51									
52887		XA310	01										SPP	51									
50267		XA310	02										GND	51									
52888		XA310	03										SPP	51									
52889		XA310	04										SPP	51									
52890		XA310	05										SPP	51									
52891		XA310	06										SPP	51									
52892		XA310	07										SPP	51									
52893		XA310	08										SPP	51									
52894		XA310	09										SPP	51									
52895		XA310	10										SPP	51									
52896		XA310	11										SPP	51									
50036		XA310	12										+5V	51									
52897		XA310	13										SPP	51									
52898		XA310	14										SPP	51									
52899		XA310	15										SPP	51									
50268		XA310	16										GND	51									
52900		XA310	17										SPP	51									
52901		XA310	18										SPP	51									
52902		XA310	19										SPP	51									
52903		XA310	20										SPP	51									
52904		XA310	21										SPP	51									
52905		XA310	22										SPP	51									
52906		XA310	23										SPP	51									
52907		XA310	24										SPP	51									
52908		XA310	25										SPP	51									
52909		XA310	26										SPP	51									
52910		XA310	27										SPP	51									
50037		XA310	28										+5V	51									
52911		XA310	29										SPP	51									
52912		XA310	30										SPP	51									
52913		XA310	31										SPP	51									
50269		XA310	32										GND	51									
52914		XA310	33										SPP	51									
52915		XA310	34										SPP	51									
52916		XA310	35										SPP	51									
52917		XA310	36										SPP	51									
CONNECTOR	XA310	CONTINUED ON THE NEXT PAGE ***																					

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RECORD NUMBER	FROM				TO				WIRE				SFC INST DISC	SIGNAL	SEQ NO	EQUATION	TERM	FACTOR	CKT OR CHIP TYPE	GROUP	LOAD OR POWER PLANE	TEST POINTS AND OR	SIGNAL DESCRIPTION	ECO NO
	PREFIX	CONNECTOR	PIN	DR PG	PREFIX	CONNECTOR	PIN	DR PG	WIRE	CODE	COLOR	IDENT												
52918		XA310	37										SPP	51										
52919		XA310	38										SPP	51										
52920		XA310	39										SPP	51										
52921		XA310	40										SPP	51										
52922		XA310	41										SPP	51										
52923		XA310	42										SPP	51										
52924		XA310	43										SPP	51										
50270		XA310	44										GND	51										
52925		XA310	45										SPP	51										
52926		XA310	46										SPP	51										
52927		XA310	47										SPP	51										
52928		XA310	48										SPP	51										
52929		XA310	49										SPP	51										
52930		XA310	50										SPP	51										
52931		XA310	51										SPP	51										
52932		XA310	52										SPP	51										
52933		XA310	53										SPP	51										
52934		XA310	54										SPP	51										
52935		XA310	55										SPP	51										
52936		XA310	56										SPP	51										
52937		XA310	57										SPP	51										
50271		XA310	58										GND	51										
52938		XA310	59										SPP	51										
52939		XA310	60										SPP	51										
52940		XA310	61										SPP	51										
52941		XA310	62										SPP	51										
52942		XA310	63										SPP	51										
52943		XA310	64										SPP	51										
52944		XA310	65										SPP	51										
52945		XA310	66										SPP	51										
50272		XA310	67										GND	51										
52946		XA310	68										SPP	51										
52947		XA310	69										SPP	51										
52948		XA310	70										SPP	51										
52949		XA310	71										SPP	51										
52950		XA310	72										SPP	51										
52951		XA310	73										SPP	51										
52952		XA310	74										SPP	51										
52953		XA310	75										SPP	51										
52954		XA310	76										SPP	51										
52955		XA310	77										SPP	51										
52956		XA310	78										SPP	51										
52957		XA310	79										SPP	51										
52958		XA310	80										SPP	51										
52959		XA311	01										SPP	51										
50273		XA311	02										GND	51										
52960		XA311	03										SPP	51										
52961		XA311	04										SPP	51										
CONNECTOR	XA311	CONTINUED ON THE NEXT PAGE ****																						

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RECORD NUMBER	FROM				TO				WIRE				SIGNAL	SEQ NO	EQUATION	TERM	FACTOR	CKT OR CHIP TYPE	GROUP	LOAD OR POWER PLANE	TEST POINTS		SIGNAL DESCRIPTION	ECO NO	
	PREFIX	CONNECTOR	PIN	PLATE	PREFIX	CONNECTOR	PIN	PLATE	WIRE GROUP	CODE	COLOR	IDEN.									WIRE	AND			OR
52962		XA311	05										SPP	51											
52963		XA311	06										SPP	51											
52964		XA311	07										SPP	51											
52965		XA311	08										SPP	51											
52966		XA311	09										SPP	51											
52967		XA311	10										SPP	51											
52968		XA311	11										SPP	51											
50038		XA311	12										+5V	51											
52969		XA311	13										SPP	51											
52970		XA311	14										SPP	51											
52971		XA311	15										SPP	51											
50274		XA311	16										GND	51											
52972		XA311	17										SPP	51											
52973		XA311	18										SPP	51											
52974		XA311	19										SPP	51											
52975		XA311	20										SPP	51											
52976		XA311	21										SPP	51											
52977		XA311	22										SPP	51											
52978		XA311	23										SPP	51											
52979		XA311	24										SPP	51											
52980		XA311	25										SPP	51											
52981		XA311	26										SPP	51											
52982		XA311	27										SPP	51											
50039		XA311	28										+5V	51											
52983		XA311	29										SPP	51											
52984		XA311	30										SPP	51											
52985		XA311	31										SPP	51											
50275		XA311	32										GND	51											
52986		XA311	33										SPP	51											
52987		XA311	34										SPP	51											
52988		XA311	35										SPP	51											
52989		XA311	36										SPP	51											
52990		XA311	37										SPP	51											
52991		XA311	38										SPP	51											
52992		XA311	39										SPP	51											
52993		XA311	40										SPP	51											
52994		XA311	41										SPP	51											
52995		XA311	42										SPP	51											
52996		XA311	43										SPP	51											
50276		XA311	44										GND	51											
52997		XA311	45										SPP	51											
52998		XA311	46										SPP	51											
52999		XA311	47										SPP	51											
53000		XA311	48										SPP	51											
53001		XA311	49										SPP	51											
53002		XA311	50										SPP	51											
53003		XA311	51										SPP	51											
53004		XA311	52										SPP	51											
53005		XA311	53										SPP	51											
53006		XA311	54										SPP	51											
CONNECTOR	XA311	CONTINUED ON THE NEXT PAGE ****																							

RECORD NUMBER	FROM			TO			WIRE				SIGNAL	SEQ NO	EQUATION	TERM FACTOR	CMT OR CHIP TYPE	GROUP	LOAD OR POWER PLANE	TEST POINTS AND OR	SIGNAL DESCRIPTION	ECO NO
	PREFIX	CONNECTOR	PIN	PREFIX	CONNECTOR	PIN	WIRE ID	MULTI GROUP	CODE	COLOR										
53007		XA311	55									SFP	51							
53008		XA311	56									SPP	51							
53009		XA311	57									SPP	51							
50277		XA311	58									GND	51							
53010		XA311	59									SPP	51							
53011		XA311	60									SPP	51							
53012		XA311	61									SPP	51							
53013		XA311	62									SPP	51							
53014		XA311	63									SPP	51							
53015		XA311	64									SPP	51							
53016		XA311	65									SPP	51							
53017		XA311	66									SPP	51							
50278		XA311	67									GND	51							
53018		XA311	68									SPP	51							
53019		XA311	69									SPP	51							
53020		XA311	70									SPP	51							
53021		XA311	71									SPP	51							
53022		XA311	72									SPP	51							
53023		XA311	73									SPP	51							
53024		XA311	74									SPP	51							
53025		XA311	75									SPP	51							
53026		XA311	76									SPP	51							
53027		XA311	77									SPP	51							
53028		XA311	78									SPP	51							
53029		XA311	79									SPP	51							
53030		XA311	80									SPP	51							
53031		XA312	01									SPP	51							
50279		XA312	02									GND	51							
53032		XA312	03									SPP	51							
53033		XA312	04									SPP	51							
53034		XA312	05									SPP	51							
53035		XA312	06									SPP	51							
53036		XA312	07									SPP	51							
53037		XA312	08									SPP	51							
53038		XA312	09									SPP	51							
53039		XA312	10									SPP	51							
53040		XA312	11									SPP	51							
50040		XA312	12									+5V	51							
53041		XA312	13									SPP	51							
53042		XA312	14									SPP	51							
53043		XA312	15									SPP	51							
50280		XA312	16									GND	51							
53044		XA312	17									SPP	51							
53045		XA312	18									SPP	51							
53046		XA312	19									SPP	51							
53047		XA312	20									SPP	51							
53048		XA312	21									SPP	51							
53049		XA312	22									SPP	51							
CONNECTOR		XA312	CONTINUED ON THE NEXT PAGE ****																	

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RECORD OR NUMBER	FROM				TO				WIRE				SIGNAL	SEC NO	EQUATION	TERM	FACTOR	CAT OR CHIP TYPE	GROUP	LOAD OR POWER PLANE	TEST POINTS AND/OR	SIGNAL DESCRIPTION	ECO NO
	PREFIX	CONNECTOR	PIN	WIRE	PREFIX	CONNECTOR	PIN	WIRE	MULT GROUP	CODE	COLOR	IDENT											
53050		XA312	23										SPP	51									
53051		XA312	24										SPP	51									
53052		XA312	25										SPP	51									
53053		XA312	26										SPP	51									
53054		XA312	27										SPP	51									
50041		XA312	28										+5V	51									
53055		XA312	29										SPP	51									
53056		XA312	30										SPP	51									
53057		XA312	31										SPP	51									
50281		XA312	32										GND	51									
53058		XA312	33										SPP	51									
53059		XA312	34										SPP	51									
53060		XA312	35										SPP	51									
53061		XA312	36										SPP	51									
53062		XA312	37										SPP	51									
53063		XA312	38										SPP	51									
53064		XA312	39										SPP	51									
53065		XA312	40										SPP	51									
53066		XA312	41										SPP	51									
53067		XA312	42										SPP	51									
53068		XA312	43										SPP	51									
50282		XA312	44										GND	51									
53069		XA312	45										SPP	51									
53070		XA312	46										SPP	51									
53071		XA312	47										SPP	51									
53072		XA312	48										SPP	51									
53073		XA312	49										SPP	51									
53074		XA312	50										SPP	51									
53075		XA312	51										SPP	51									
53076		XA312	52										SPP	51									
53077		XA312	53										SPP	51									
53078		XA312	54										SPP	51									
53079		XA312	55										SPP	51									
53080		XA312	56										SPP	51									
53081		XA312	57										SPP	51									
50283		XA312	58										GND	51									
53082		XA312	59										SPP	51									
53083		XA312	60										SPP	51									
53084		XA312	61										SPP	51									
53085		XA312	62										SPP	51									
53086		XA312	63										SPP	51									
53087		XA312	64										SPP	51									
53088		XA312	65										SPP	51									
53089		XA312	66										SPP	51									
50284		XA312	67										GND	51									
53090		XA312	68										SPP	51									
53091		XA312	69										SPP	51									
53092		XA312	70										SPP	51									
53093		XA312	71										SPP	51									
53094		XA312	72										SPP	51									
CONNECTOR	XA312	CONTINUED ON THE NEXT PAGE ****																					

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	PREFIX	CONNECTOR	PIN	SAID	PREFIX	CONNECTOR	PIN	SAID	MULTI GROUP	CODE	COLOR	IDENT											
53095		XA312	73										SPP	51									
53096		XA312	74										SPP	51									
53097		XA312	75										SPP	51									
53098		XA312	76										SPP	51									
53099		XA312	77										SPP	51									
53100		XA312	78										SPP	51									
53101		XA312	79										SPP	51									
53102		XA312	80										SPP	51									
53103		XA313	01										SPP	51									
50285		XA313	02										GND	51									
53104		XA313	03										SPP	51									
53105		XA313	04										SPP	51									
53106		XA313	05										SPP	51									
53107		XA313	06										SPP	51									
53108		XA313	07										SPP	51									
53109		XA313	08										SPP	51									
53110		XA313	09										SPP	51									
53111		XA313	10										SPP	51									
53112		XA313	11										SPP	51									
50042		XA313	12										+5V	51									
53113		XA313	13										SPP	51									
53114		XA313	14										SPP	51									
53115		XA313	15										SPP	51									
50286		XA313	16										GND	51									
53116		XA313	17										SPP	51									
53117		XA313	18										SPP	51									
53118		XA313	19										SPP	51									
53119		XA313	20										SPP	51									
53120		XA313	21										SPP	51									
53121		XA313	22										SPP	51									
53122		XA313	23										SPP	51									
53123		XA313	24										SPP	51									
53124		XA313	25										SPP	51									
53125		XA313	26										SPP	51									
53126		XA313	27										SPP	51									
50043		XA313	28										+5V	51									
53127		XA313	29										SPP	51									
53128		XA313	30										SPP	51									
53129		XA313	31										SPP	51									
50287		XA313	32										GND	51									
53130		XA313	33										SPP	51									
53131		XA313	34										SPP	51									
53132		XA313	35										SPP	51									
53133		XA313	36										SPP	51									
53134		XA313	37										SPP	51									
53135		XA313	38										SPP	51									
53136		XA313	39										SPP	51									
53137		XA313	40										SPP	51									
CONNECTOR	XA313	CONTINUED ON THE NEXT PAGE ****																					

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	PREFIX	CONNECTOR	PIN	PREFIX	CONNECTOR	PIN	DI	GR	COE	COLO	GEN											
53138	XA313	41										SPP	51									
53139	XA313	42										SPP	51									
53140	XA313	43										SPP	51									
50288	XA313	44										GND	51									
53141	XA313	45										SPP	51									
53142	XA313	46										SPP	51									
53143	XA313	47										SPP	51									
53144	XA313	48										SPP	51									
53145	XA313	49										SPP	51									
53146	XA313	50										SPP	51									
53147	XA313	51										SPP	51									
53148	XA313	52										SPP	51									
53149	XA313	53										SPP	51									
53150	XA313	54										SPP	51									
53151	XA313	55										SPP	51									
53152	XA313	56										SPP	51									
53153	XA313	57										SPP	51									
50289	XA313	58										GND	51									
53154	XA313	59										SPP	51									
53155	XA313	60										SPP	51									
53156	XA313	61										SPP	51									
53157	XA313	62										SPP	51									
53158	XA313	63										SPP	51									
53159	XA313	64										SPP	51									
53160	XA313	65										SPP	51									
53161	XA313	66										SPP	51									
50290	XA313	67										GND	51									
53162	XA313	68										SPP	51									
53163	XA313	69										SPP	51									
53164	XA313	70										SPP	51									
53165	XA313	71										SPP	51									
53166	XA313	72										SPP	51									
53167	XA313	73										SPP	51									
53168	XA313	74										SPP	51									
53169	XA313	75										SPP	51									
53170	XA313	76										SPP	51									
53171	XA313	77										SPP	51									
53172	XA313	78										SPP	51									
53173	XA313	79										SPP	51									
53174	XA313	80										SPP	51									
53175	XA314	01										SPP	51									
50291	XA314	02										GND	51									
53176	XA314	03										SPP	51									
53177	XA314	04										SPP	51									
53178	XA314	05										SPP	51									
53179	XA314	06										SPP	51									
53180	XA314	07										SPP	51									
53181	XA314	08										SPP	51									
CONNECTOR		XA314	CONTINUED ON THE NEXT PAGE ***																			

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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	PREFIX	CONNECTOR	PIN	BY ID	MULTI GROUP	CODE	COLOR	IDENT											
53182		XA314	09									SPP	51									
53183		XA314	10									SPP	51									
53184		XA314	11									SPP	51									
50044		XA314	12									+5V	51									
53185		XA314	13									SPP	51									
53186		XA314	14									SPP	51									
53187		XA314	15									SPP	51									
50292		XA314	16									GND	51									
53188		XA314	17									SPP	51									
53189		XA314	18									SPP	51									
53190		XA314	19									SPP	51									
53191		XA314	20									SPP	51									
53192		XA314	21									SPP	51									
53193		XA314	22									SPP	51									
53194		XA314	23									SPP	51									
53195		XA314	24									SPP	51									
53196		XA314	25									SPP	51									
53197		XA314	26									SPP	51									
53198		XA314	27									SPP	51									
50045		XA314	28									+5V	51									
53199		XA314	29									SPP	51									
53200		XA314	30									SPP	51									
53201		XA314	31									SPP	51									
50293		XA314	32									GND	51									
53202		XA314	33									SPP	51									
53203		XA314	34									SPP	51									
53204		XA314	35									SPP	51									
53205		XA314	36									SPP	51									
53206		XA314	37									SPP	51									
53207		XA314	38									SPP	51									
53208		XA314	39									SPP	51									
53209		XA314	40									SPP	51									
53210		XA314	41									SPP	51									
53211		XA314	42									SPP	51									
53212		XA314	43									SPP	51									
50294		XA314	44									GND	51									
53213		XA314	45									SPP	51									
53214		XA314	46									SPP	51									
53215		XA314	47									SPP	51									
53216		XA314	48									SPP	51									
53217		XA314	49									SPP	51									
53218		XA314	50									SPP	51									
53219		XA314	51									SPP	51									
53220		XA314	52									SPP	51									
53221		XA314	53									SPP	51									
53222		XA314	54									SPP	51									
53223		XA314	55									SPP	51									
53224		XA314	56									SPP	51									
53225		XA314	57									SPP	51									
50295		XA314	58									GND	51									
CONNECTOR (XA314) CONTINUED ON THE NEXT PAGE ****																						

RECORD NUMBER	FROM			TO			WIRE				SIGNAL	SEQ 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											
53226		XA314	59								SPP	51									
53227		XA314	60								SPP	51									
53228		XA314	61								SPP	51									
53229		XA314	62								SPP	51									
53230		XA314	63								SPP	51									
53231		XA314	64								SPP	51									
53232		XA314	65								SPP	51									
53233		XA314	66								SPP	51									
50296		XA314	67								GND	51									
53234		XA314	68								SPP	51									
53235		XA314	69								SPP	51									
53236		XA314	70								SPP	51									
53237		XA314	71								SPP	51									
53238		XA314	72								SPP	51									
53239		XA314	73								SPP	51									
53240		XA314	74								SPP	51									
53241		XA314	75								SPP	51									
53242		XA314	76								SPP	51									
53243		XA314	77								SPP	51									
53244		XA314	78								SPP	51									
53245		XA314	79								SPP	51									
53246		XA314	80								SPP	51									
53247		XA315	01								SPP	51									
50297		XA315	02								GND	51									
53248		XA315	03								SPP	51									
53249		XA315	04								SPP	51									
53250		XA315	05								SPP	51									
53251		XA315	06								SPP	51									
53252		XA315	07								SPP	51									
53253		XA315	08								SPP	51									
53254		XA315	09								SPP	51									
53255		XA315	10								SPP	51									
53256		XA315	11								SPP	51									
50046		XA315	12								+5V	51									
53257		XA315	13								SPP	51									
53258		XA315	14								SPP	51									
53259		XA315	15								SPP	51									
50298		XA315	16								GND	51									
53260		XA315	17								SPP	51									
53261		XA315	18								SPP	51									
53262		XA315	19								SPP	51									
53263		XA315	20								SPP	51									
53264		XA315	21								SPP	51									
53265		XA315	22								SPP	51									
53266		XA315	23								SPP	51									
53267		XA315	24								SPP	51									
53268		XA315	25								SPP	51									
53269		XA315	26								SPP	51									
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	PREFIX	CONNECTOR	PIN	SHARE	PREFIX	CONNECTOR	PIN	SHARE	MULTI GROUP	CODE	COLOR	IDENT												
53270		XA315	27										SPP	51										
50047		XA315	28										+5V	51										
53271		XA315	29										SPP	51										
53272		XA315	30										SPP	51										
53273		XA315	31										SPP	51										
50299		XA315	32										GND	51										
53274		XA315	33										SPP	51										
53275		XA315	34										SPP	51										
53276		XA315	35										SPP	51										
53277		XA315	36										SPP	51										
53278		XA315	37										SPP	51										
53279		XA315	38										SPP	51										
53280		XA315	39										SPP	51										
53281		XA315	40										SPP	51										
53282		XA315	41										SPP	51										
53283		XA315	42										SPP	51										
53284		XA315	43										SPP	51										
50300		XA315	44										GND	51										
53285		XA315	45										SPP	51										
53286		XA315	46										SPP	51										
53287		XA315	47										SPP	51										
53288		XA315	48										SPP	51										
53289		XA315	49										SPP	51										
53290		XA315	50										SPP	51										
53291		XA315	51										SPP	51										
53292		XA315	52										SPP	51										
53293		XA315	53										SPP	51										
53294		XA315	54										SPP	51										
53295		XA315	55										SPP	51										
53296		XA315	56										SPP	51										
53297		XA315	57										SPP	51										
50301		XA315	58										GND	51										
53298		XA315	59										SPP	51										
53299		XA315	60										SPP	51										
53300		XA315	61										SPP	51										
53301		XA315	62										SPP	51										
53302		XA315	63										SPP	51										
53303		XA315	64										SPP	51										
53304		XA315	65										SPP	51										
53305		XA315	66										SPP	51										
50302		XA315	67										GND	51										
53306		XA315	68										SPP	51										
53307		XA315	69										SPP	51										
53308		XA315	70										SPP	51										
53309		XA315	71										SPP	51										
53310		XA315	72										SPP	51										
53311		XA315	73										SPP	51										
53312		XA315	74										SPP	51										
53313		XA315	75										SPP	51										
53314		XA315	76										SPP	51										
CONNECTOR		XA315	CONTINUED ON THE NEXT PAGE ***																					

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RECORD NUMBER	FROM				TO				WIRE				SIGNAL	SEC NO	EQUATION	TERM	FACTOR	CMT OR CHIP TYPE	GROUP	LOAD OR POWER PLANE	TEST POINTS AND OR	SIGNAL DESCRIPTION	ECO NO	
	PREFIX	CONNECTOR	PIN	INT'L	PREFIX	CONNECTOR	PIN	INT'L	MULTI GROUP	CODE	COLOR	IDEN.												SPC INST. UNIT
53315		XA315	77										SPP	51										
53316		XA315	78										SPP	51										
53317		XA315	79										SPP	51										
53318		XA315	80										SPP	51										
53319		XA316	01										SPP	51										
50303		XA316	02										GND	51										
53320		XA316	03										SPP	51										
53321		XA316	04										SPP	51										
53322		XA316	05										SPP	51										
53323		XA316	06										SPP	51										
53324		XA316	07										SPP	51										
53325		XA316	08										SPP	51										
53326		XA316	09										SPP	51										
53327		XA316	10										SPP	51										
53328		XA316	11										SPP	51										
50048		XA316	12										+5V	51										
53329		XA316	13										SPP	51										
53330		XA316	14										SPP	51										
53331		XA316	15										SPP	51										
50304		XA316	16										GND	51										
53332		XA316	17										SPP	51										
53333		XA316	18										SPP	51										
53334		XA316	19										SPP	51										
53335		XA316	20										SPP	51										
53336		XA316	21										SPP	51										
53337		XA316	22										SPP	51										
53338		XA316	23										SPP	51										
53339		XA316	24										SPP	51										
53340		XA316	25										SPP	51										
53341		XA316	26										SPP	51										
53342		XA316	27										SPP	51										
50049		XA316	28										+5V	51										
53343		XA316	29										SPP	51										
53344		XA316	30										SPP	51										
53345		XA316	31										SPP	51										
50305		XA316	32										GND	51										
53346		XA316	33										SPP	51										
53347		XA316	34										SPP	51										
53348		XA316	35										SPP	51										
53349		XA316	36										SPP	51										
53350		XA316	37										SPP	51										
53351		XA316	38										SPP	51										
53352		XA316	39										SPP	51										
53353		XA316	40										SPP	51										
53354		XA316	41										SPP	51										
53355		XA316	42										SPP	51										
53356		XA316	43										SPP	51										
50306		XA316	44										GND	51										
CONNECTOR		XA316	CONTINUED ON THE NEXT PAGE ****																					

RECORD NUMBER	FROM				TO				WIRE				SIGNAL	SEG NO	EQUATION	TERM	FACTOR	CNT OR CHIP TYPE	GROUP	LOAD OF POWER PLANE	TEST POINTS AND CR	SIGNAL DESCRIPTION	ECO NO
	PREFIX	CONNECTOR	PIN	WIRE	PREFIX	CONNECTOR	PIN	WIRE	MULTI GROUP	CODE	COLOR	IDENT											
53357		XA316	45										SPP	51									
53358		XA316	46										SPP	51									
53359		XA316	47										SPP	51									
53360		XA316	48										SPP	51									
53361		XA316	49										SPP	51									
53362		XA316	50										SPP	51									
53363		XA316	51										SPP	51									
53364		XA316	52										SPP	51									
53365		XA316	53										SPP	51									
53366		XA316	54										SPP	51									
53367		XA316	55										SPP	51									
53368		XA316	56										SPP	51									
53369		XA316	57										SPP	51									
50307		XA316	58										GND	51									
53370		XA316	59										SPP	51									
53371		XA316	60										SPP	51									
53372		XA316	61										SPP	51									
53373		XA316	62										SPP	51									
53374		XA316	63										SPP	51									
53375		XA316	64										SPP	51									
53376		XA316	65										SPP	51									
53377		XA316	66										GND	51									
50308		XA316	67										GND	51									
53378		XA316	68										SPP	51									
53379		XA316	69										SPP	51									
53380		XA316	70										SPP	51									
53381		XA316	71										SPP	51									
53382		XA316	72										SPP	51									
53383		XA316	73										SPP	51									
53384		XA316	74										SPP	51									
53385		XA316	75										SPP	51									
53386		XA316	76										SPP	51									
53387		XA316	77										SPP	51									
53388		XA316	78										SPP	51									
53389		XA316	79										SPP	51									
53390		XA316	80										SPP	51									
51284		XA317	01										MXDVSS	53	MXSSOA	01	1	TS8	A1			02B	
50309		XA317	02										GND	51								01A	
50111		XA317	03										DNW	51									
51716		XA317	04			XA332	31			16B	9		MXXB20	51	MXSSOA	01	2	TS8	A1			04A	
51630		XA317	05			XA330	11			16B	9		MXXAOP	51	MXSSOA	01	3	TS8	A1			03B	
51647		XA317	06										MXXA1Q	57	MXSSOA	01	4	TS8	A1			05A	
51574		XA317	07			XA328	46			16B	9		MXSSTO	51	MXSSOA	01	5	TS8	A1			03A	
51494		XA317	08			XA326	13			16B	9		MXROPA	51	MXSSOA	01	6	TS8	A1			06A	
50112		XA317	09										DNW	51									
51903		XA317	10			XA317	26			16B	9		SPI1001	58	MXSSOA	01	7	TS8	A1			07A	
51578		XA317	11										MXSSOA	53	MXSSOA	00	1	TS8	A1			05B	SOFTWARE STOP COMMA
50050		XA317	12										+5V	51									
CONNECTOR (XA317) CONTINUED ON THE NEXT PAGE ****																							

RECORD NUMBER	FROM		TO		W R E		SIGNAL	SEC NO	EQUATION	TFRS	FACTOR	CAT OF CHIP TYPE	GROUP	LOAD OR POWER PLANE	TEST POINTS		SIGNAL DESCRIPTION	ECO NO
	PREFIX	CONNECTOR	PIN	PREFIX	CONNECTOR	PIN									LOC.	COLOR		
51957		XA317	13		XA317	25			SPI1002	78	MXSS0A	01	8	TS8	A1		06B	
50589		XA317	14		XA322	59			MAE10P	51	MPDSCA	01	1	TS8	B1		09A	
50113		XA317	15						DNW	51				TS8				
50310		XA317	16						GND	51				TS8			21B	
50114		XA317	17						DNW	51				TS8				
50617		XA317	18						MAE14P	59	MPDSCA	01	2	TS8	B1		10A	
50568		XA317	19		XA317	36			MAE02P	51	MPDSCA	01	3	TS8	B1		09B	
50587		XA317	20						MAE04Q	53	MPDSCA	01	4	TS8	B1		11A	
50115		XA317	21						DNW	51				TS8				
50889		XA317	22		XA322	11			MPFLTP	53	MPDSCA	01	5	TS8	B1		12A	
50875		XA317	23		XA323	17			MPDSCA	51	MPDSCA	00	1	TS8	B1		11B	PRINTER DATA STROB
50909		XA317	24		XA317	40			MPRTOP	52	MPDSCA	01	6	TS8	B1		13A	
51958		XA317	25						SPI1002	79	MPDSCA	01	7	TS8	B1		12B	
51904		XA317	26		XA318	20			SPI1001	59	MPDSCA	01	8	TS8	B1		14A	
50116		XA317	27						DNW	51				TS8				
50051		XA317	28						+5V	51				TS8				
50117		XA317	29						DNW	51				TS8				
50554		XA317	30		XA318	01			MXGN2A	01	MPCRSA	01	1	TS8	C1		15A	
50595		XA317	31		XA318	04			MAE11Q	53	MPCRSA	01	2	TS8	C1		15B	
50311		XA317	32						GND	51				TS8			27A	
50118		XA317	33						DNW	51				TS8				
50598		XA317	34		XA318	05			MAE12P	52	MPCRSA	01	3	TS8	C1		16A	
50844		XA317	35		XA323	19			MPCRSA	51	MPCRSA	00	1	TS8	C1		17B	
50569		XA317	36		XA322	45			MAE02P	52	MPCRSA	01	4	TS8	C1		17A	
50586		XA317	37		XA317	20			MAE04Q	52	MPCRSA	01	5	TS8	C1		18B	
50388		XA317	38		XA317	22			MPFLTP	52	MPCRSA	01	6	TS8	C1		18A	
50119		XA317	39						DNW	51				TS8				
50910		XA317	40		XA326	48			MPRTOP	53	MPCRSA	01	7	TS8	C1		19A	
50120		XA317	41						DNW	51				TS8				
51909		XA317	42		XA318	79			SPI1001	64	MPCRSA	01	8	TS8	C1		20A	
50905		XA317	43						MPRNTQ	56	MAEN2A	01	1	TS8	D1		23B	
50312		XA317	44						GND	51				TS8			40A	
50121		XA317	45						DNW	51				TS8				
50628		XA317	46						MAOENS	57	MAEN2A	01	2	TS8	D1		21A	
50514		XA317	47		XA325	62			MAEN2A	51	MAEN2A	00	1	TS8	D1		25B	
50607		XA317	48		XA318	22			MAE13Q	56	MAEN2A	01	3	TS8	D1		22A	
50615		XA317	49		XA318	24			MAE14P	57	MAEN2A	01	4	TS8	D1		26B	
50580		XA317	50						MAE03Q	53	MAEN2A	01	5	TS8	D1		23A	
50122		XA317	51						DNW	51				TS8				
50584		XA317	52						MAE04P	54	MAEN2A	01	6	TS8	D1		24A	
50123		XA317	53						DNW	51				TS8				
51226		XA317	54		XA317	64			MXCP3B	61	MAEN2A	01	7	TS8	D1		25A	
50925		XA317	55		XA324	09			MSNCOS	51	MSNCOA	01	1	TS8	E1		29B	
51916		XA317	56		XA318	49			SPI1001	71	MAEN2A	01	8	TS8	D1		26A	
50124		XA317	57						DNW	51				TS8				
50313		XA317	58						GND	51				TS8				
50921		XA317	59						MSNCOA	52	MSNCOA	00	1	TS8	E1		31B	
50942		XA317	60						MSNC2R	53	MSNCOA	01	2	TS8	E1		28A	
50636		XA317	61		XA324	17			MBUSYR	51	MSNCOA	01	3	TS8	E1		32B	
50727		XA317	62						MINT1A	54	MSNCOA	01	4	TS8	E1		29A	
CONNECTOR	XA317	CONTINUED ON THE NEXT PAGE ****																

DRAWING NUMBER 149016-880

TM 11-5895-856-34-14/EE640-CA-MMI-140/E154 CPU/TO 31W2-2T-122-14

UNIT ASSEMBLY NO. 149016

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XA317

CONNECTOR

UNIT ASSEMBLY NAME CARD CAGE ASSY, A, IFCU

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RECORD NUMBER	FROM				TO				WIRE			SIGNAL	SEQ NO	EQUATION	TRM	FACTOR	PORT OR GROUP TYPE	LOAD OR POWER PLANE	TEST POINTS AND/OR CONNECTION	SIGNAL DESIGNATION	ECO NO
	PREFIX	CONNECTOR	PIN	SH FE	PREFIX	CONNECTOR	PIN	SH FE	MULTI GROUP	CODE	COLOR										
50125		XA317	63										DNW	51							
51227		XA317	64		XA323	70			16B	9			MXCP3B	62	MSNCOA	01	5	TS8	F1		30A
50126		XA317	65										DNW	51							
51938		XA317	66		XA318	68			16B	9			SPI1002	59	MSNCOA	01	6	TS8	F1		31A
50314		XA317	67										GND	51							
51912		XA317	68		XA318	72			16B	9			SPI1001	67	MSNCOA	01	7	TS8	F1		32A
50127		XA317	69										DNW	51							
51969		XA317	70		XA317	72			16B	9			SPI1003	65	MSNCOA	01	8	TS8	F1		33A
51911		XA317	71		XA317	68			16B	9			SPI1001	66		01	1	TS8	F1		36A
51970		XA317	72		XA318	74			16B	9			SPI1003	66		01	2	TS8	F1		34A
51936		XA317	73		XA318	71			16B	9			SPI1002	57		01	3	TS8	F1		36B
52019		XA317	74										SPI1005	67		01	4	TS8	F1		35B
52006		XA317	75										SPI1004	76		01	5	TS8	F1		37B
53393		XA317	76										SPO	51		00	1	TS8	F1		37A
52020		XA317	77		XA319	45			16B	9			SPI1006	51		01	6	TS8	F1		38B
52037		XA317	78		XA319	43			16B	9			SPI1008	51		01	7	TS8	F1		38A
52036		XA317	79										SPI1007	62		01	8	TS8	F1		39B
50128		XA317	80										DNW	51							
50555		XA318	01		XA320	05			16B	9			MXGN2A	02	MPCRCA	01	1	TD4	A2		02B
50315		XA318	02										GND	51							01A
50129		XA318	03										DNW	51							
50596		XA318	04										MAE11Q	54	MPCRCA	01	2	TD4	A2		04A
50599		XA318	05										MAE12P	53	MPCRCA	01	3	TD4	A2		03B
50720		XA318	06		XA331	37			16B	9			MRFMFQ	51	MLPFOA	01	1	TD4	A1		05A
50558		XA318	07										MAE00P	53	MPCRCA	01	4	TD4	A2		03A
50948		XA318	08										MSNC2S	56	MLPFOA	01	2	TD4	A1		06A
50838		XA318	09		XA336	71			16B	9			MPCRCA	51	MPCRCA	00	1	TD4	A2		04B NOT USED (FOR CR
50643		XA318	10										MBUSYS	54	MLPFOA	01	3	TD4	A1		07A
50789		XA318	11		XA324	26			16B	9			MLPFOA	51	MLPFOA	00	1	TD4	A1		05B START FORM FEED
50052		XA318	12										+5V	51							
51225		XA318	13		XA317	54			16B	9			MXCP3B	60	MLPFOA	01	4	TD4	A1		06B
50936		XA318	14										MSNC1S	54	MBSYQA	01	1	TD4	B2		09A
50130		XA318	15										DNW	51							
50316		XA318	16										GND	51							20B
50131		XA318	17										DNW	51							
50884		XA318	18										MPFLTA	53	MBSYQA	01	2	TD4	B2		10A
51188		XA318	19		XA321	01			16B	9			MXCP1B	51	MBSYQA	01	3	TD4	B2		09B SET HARDWARE BUSY
51905		XA318	20		XA319	31			16B	9			SPI1001	60	MBSYQA	01	4	TD4	B2		11A
50631		XA318	21		XA324	19			16B	9			MBSYQA	51	MBSYQA	00	1	TD4	B2		10B
50608		XA318	22										MAE13Q	57	MPFLIA	01	1	TD4	B1		12A
50880		XA318	23		XA324	61			16B	9			MPFLIA	51	MPFLIA	00	1	TD4	B1		11B FAULT DETECT INHTB
50616		XA318	24		XA317	18			16B	9			MAE14P	58	MPFLIA	01	2	TD4	B1		13A
50562		XA318	25										MAE00Q	54	MPFLIA	01	3	TD4	B1		12B
50575		XA318	26		XA321	45			16B	9			MAE03P	51	MPFLIA	01	4	TD4	B1		14A
50132		XA318	27										DNW	51							
50053		XA318	28										+5V	51							
50133		XA318	29										DNW	51							
51998		XA318	30		XA319	35			16B	9			SPI1004	68		01	1	TD4	C2		15A
CONNECTOR	XA318	CONTINUED ON THE NEXT PAGE ****																			

DRAWING NUMBER 149016-880

TM 11-5895-856-34-14/EE640-CA-MMI-140/E154 CPU/TO 31W2-2T-122-14
UNIT ASSEMBLY NO. 149016 REV. E INDEX XA318

CONNECTOR

UNIT ASSEMBLY NAME CARD CAGE ASSY, A, IFCU

FILE IDENT

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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	IN FC	PREFIX	CONNECTOR	PIN	IN FC	MULTI GROUP	CODE	COLOR	IDEN.											
51977	XA318	31			XA319	29				168	9		SPI1003	73		01	2	TD4	C2		15B		
50317	XA318	32											GND	51				TD4				21B	
53394	XA318	33											SPO	51		00	1	TD4	C2			16B	
51945	XA318	34			XA319	33				168	9		SPI1002	66		01	3	TD4	C2			16A	
53395	XA318	35											SPO	51		00	1	TD4	C1			17B	
51907	XA318	36			XA318	37				168	9		SPI1001	62		01	4	TD4	C2			17A	
51908	XA318	37			XA317	42				168	9		SPI1001	63		01	1	TD4	C1			18B	
52000	XA318	38			XA318	46				168	9		SPI1004	70		01	2	TD4	C1			18A	
50134	XA318	39											DNW	51				TD4					
51975	XA318	40			XA318	43				168	9		SPI1003	71		01	3	TD4	C1			19A	
50135	XA318	41											DNW	51				TD4					
51944	XA318	42			XA318	34				168	9		SPI1002	65		01	4	TD4	C1			20A	
51976	XA318	43			XA318	31				168	9		SPI1003	72		01	1	TD4	D2			23B	
50318	XA318	44											GND	51				TD4				27A	
53396	XA318	45											SPO	51		00	1	TD4	D2			24B	
52001	XA318	46			XA318	52				168	9		SPI1004	71		01	2	TD4	D2			21A	
53397	XA318	47											SPO	51		00	1	TD4	D1			25B	
51943	XA318	48			XA318	42				168	9		SPI1002	64		01	3	TD4	D2			22A	
51917	XA318	49			XA318	50				168	9		SPI1001	72		01	1	TD4	D1			26B	
51918	XA318	50			XA319	39				168	9		SPI1001	73		01	4	TD4	D2			23A	
50136	XA318	51											DNW	51				TD4					
52002	XA318	52			XA318	55				168	9		SPI1004	72		01	2	TD4	D1			24A	
50137	XA318	53											DNW	51				TD4					
51974	XA318	54			XA318	40				168	9		SPI1003	70		01	3	TD4	D1			25A	
52003	XA318	55			XA318	61				168	9		SPI1004	73		01	1	TD4	E2			29B	
51941	XA318	56			XA319	47				168	9		SPI1002	62		01	4	TD4	D1			26A	
53398	XA318	57											SPO	51		00	1	TD4	E2			30B	
50319	XA318	58											GND	51				TD4				40A	
53399	XA318	59											SPO	51		00	1	TD4	E1			31B	
51915	XA318	60			XA317	56				168	9		SPI1001	70		01	2	TD4	E2			28A	
52004	XA318	61			XA318	73				168	9		SPI1004	74		01	1	TD4	E1			32B	
51940	XA318	62			XA318	56				168	9		SPI1002	61		01	3	TD4	E2			29A	
50138	XA318	63											DNW	51				TD4					
51973	XA318	64			XA318	54				168	9		SPI1003	69		01	4	TD4	E2			30A	
50139	XA318	65											DNW	51				TD4					
51972	XA318	66			XA318	64				168	9		SPI1003	68		01	2	TD4	F1			31A	
50320	XA318	67											GND	51				TD4				40B	
51939	XA318	68			XA318	62				168	9		SPI1002	60		01	3	TD4	F1			32A	
53400	XA318	69											SPO	51		00	1	TD4	F2			35A	
51914	XA318	70			XA318	60				168	9		SPI1001	69		01	4	TD4	F1			33A	
51937	XA318	71			XA317	66				168	9		SPI1002	58		01	1	TD4	F2			36A	
51913	XA318	72			XA318	70				168	9		SPI1001	68		01	2	TD4	F2			34A	
52005	XA318	73			XA317	75				168	9		SPI1004	75		01	3	TD4	F2			36B	
51971	XA318	74			XA318	66				168	9		SPI1003	67		01	4	TD4	F2			35B	
50918	XA318	75			XA333	74				168	9		MSC11A	51	MINT10	01	1	TD4	F1			37B	
50728	XA318	76			XA323	77				168	9		MINT10	51	MINT10	00	1	TD4	F1			37A	
50797	XA318	77			XA325	24				168	9		MLPF1A	51	MINT10	01	2	TD4	F1			38B	
50896	XA318	78											MPINTA	52	MINT10	01	3	TD4	F1			38A	
51910	XA318	79			XA317	71				168	9		SPI1001	65	MINT10	01	4	TD4	F1			39B	
50140	XA318	80											DNW	51				TD4					

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TM 11-5895-856-34-14/EE640-CA-MMI-140/E154 CPU/TO 31W2-2T-122-14

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XA319

CONNECTOR

UNIT ASSEMBLY NAME CARD CAGE ASSY, A, IFCU

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RECORD NUMBER	FROM				TO				WIRE				SFC INST MISC	SIGNAL	SEQ NO	EQUATION	TERM	FACTOR	CKT OR CHIP TYPE	GROUP	LOAD OR PCW PLANE	TEST POINTS AND/OR	SIGNAL DESCRIPTION	ECO NO
	PREFIX	CONNECTOR	PIN	USE	PREFIX	CONNECTOR	PIN	USE	MULTI GROUP	CODE	COLOR	IDENT												
50141		XA319	01										DNW	51				MUX						
50321		XA319	02									GND	51					MUX				01B		
51956		XA319	03		XA317	13				16B	9	SPI1002	77		01	1	MUX	A1				02B		
53401		XA319	04									SPO	51		00	1	MUX	A1				02A		
51902		XA319	05		XA317	10				16B	9	SPI1001	57		01	2	MUX	A1				03B		
53402		XA319	06									SPO	51		00	1	MUX	A2				03A		
51984		XA319	07									SPI1003	80		01	3	MUX	A1				04B		
52048		XA319	08		XA346	55				16B	9	SPI1009	53		01	3	MUX	A2				04A		
52023		XA319	09		XA320	14				16B	9	SPI1006	54		01	4	MUX	A1				05B		
52053		XA319	10									SPI1010	54		01	2	MUX	A2				05A		
52033		XA319	11		XA319	25				16B	9	SPI1007	59		01	5	MUX	A1				06B		
50054		XA319	12									+5V	51				MUX					08A		
52058		XA319	13		XA319	30				16B	9	SPI1012	51		01	4	MUX	A2				07A		
52054		XA319	14		XA319	24				16B	9	SPI1011	51		01	1	MUX	A2				06A		
52016		XA319	15		XA319	19				16B	9	SPI1005	64		01	6	MUX	A1				07B		
50322		XA319	16									GND	51				MUX					20B		
51996		XA319	17		XA319	23				16B	9	SPI1004	66		01	8	MUX	A1				08B		
52040		XA319	18		XA320	17				16B	9	SPI1008	54		01	7	MUX	A1				09A		
52017		XA319	19		XA319	37				16B	9	SPI1005	65		01	1	MUX	B1				09B		
53403		XA319	20									SPO	51		00	1	MUX	B1				10A		
52039		XA319	21		XA319	18				16B	9	SPI1008	53		01	2	MUX	B1				10B		
53404		XA319	22									SPO	51		00	1	MUX	B2				11A		
51997		XA319	23		XA318	30				16B	9	SPI1004	67		01	3	MUX	B1				11B		
52055		XA319	24		XA319	46				16B	9	SPI1011	52		01	3	MUX	B2				12A		
52034		XA319	25		XA319	41				16B	9	SPI1007	60		01	4	MUX	B1				12B		
52047		XA319	26		XA319	08				16B	9	SPI1009	52		01	2	MUX	B2				13A		
52052		XA319	27		XA319	10				16B	9	SPI1010	53		01	1	MUX	B2				14A		
50055		XA319	28									+5V	51				MUX					08A		
51978		XA319	29		XA320	22				16B	9	SPI1003	74		01	5	MUX	B1				13B		
52059		XA319	30		XA319	40				16B	9	SPI1012	52		01	4	MUX	B2				15A		
51906		XA319	31		XA318	36				16B	9	SPI1001	61		01	6	MUX	B1				14B		
50323		XA319	32									GND	51				MUX					27A		
51946		XA319	33		XA320	29				16B	9	SPI1002	67		01	8	MUX	B1				16A		
52022		XA319	34		XA319	09				16B	9	SPI1006	53		01	7	MUX	B1				15B		
51999		XA319	35		XA318	38				16B	9	SPI1004	69		01	1	MUX	C1				16B		
53405		XA319	36									SPO	51		00	1	MUX	C1				17A		
52018		XA319	37		XA317	74				16B	9	SPI1005	66		01	2	MUX	C1				17B		
53406		XA319	38									SPO	51		00	1	MUX	C2				18A		
51919		XA319	39		XA320	39				16B	9	SPI1001	74		01	3	MUX	C1				18B		
52060		XA319	40		XA334	03				16B	9	SPI1012	53		01	3	MUX	C2				19A		
52035		XA319	41		XA317	79				16B	9	SPI1007	61		01	4	MUX	C1				19B	B02	
52046		XA319	42		XA319	26				16B	9	SPI1009	51		01	2	MUX	C2				20A		
52038		XA319	43		XA319	21				16B	9	SPI1008	52		01	5	MUX	C1				22B		
50324		XA319	44									GND	51				MUX					40A		
52021		XA319	45		XA319	34				16B	9	SPI1006	52		01	6	MUX	C1				23B		
52056		XA319	46		XA346	51				16B	9	SPI1011	53		01	1	MUX	C2				21A		
51942		XA319	47		XA318	48				16B	9	SPI1002	63		01	7	MUX	C1				23A		
52051		XA319	48		XA319	27				16B	9	SPI1010	52		01	4	MUX	C2				22A		
51240		XA319	49		XA319	66				16B	9	MXDBSO	51	MXDBOTA	01	4	MUX	D1				24B		
51968		XA319	50		XA317	70				16B	9	SPI1003	64		01	8	MUX	C1				24A		
CONNECTOR		XA319	CONTINUED ON THE NEXT PAGE ****																					

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	PREFIX	CONNECTOR	PIN	PREFIX	CONNECTOR	PIN	MULTI GROUP	CODE	COLOR	IDENT																
50695		XA319	51		XA331	78					168	9			MD00BQ	51	MXDB0TA	01	1	MUX	D1		25B			
51729		XA319	52		XA319	68					168	9			KMXCIB	05	MXDB0TA	01	3	MUX	D1		25A			
51334		XA319	53												MXGN1A	62	MXDB0TA	01	2	MUX	D1		26B			
50700		XA319	54		XA330	55					168	9			MD02BQ	51	MXDB0TC	01	1	MUX	D3		26A			
51244		XA319	55												MXDB0TA	52	MXDB0TA	00	1	MUX	D1		27B	INPUT DATA MUX BIT		
51348		XA319	56		XA327	51					168	9			MXGN3A	57	MXDB0TC	01	2	MUX	D3		28B			
50699		XA319	57												MD01BQ	53	MXDB0TB	01	1	MUX	D2		29B			
50325		XA319	58												GND	51							40B			
51336		XA319	59		XA336	39					168	9			MXGN2A	52	MXDB0TB	01	2	MUX	D2		30B			
51248		XA319	60												MXDB0TC	52	MXDB0TC	00	1	MUX	D3		28A			
51245		XA319	61		XA335	73					168	9			MXDB0TB	51	MXDB0TB	00	1	MUX	D2		31B			
50705		XA319	62												MD03BQ	53	MXDB0TD	01	1	MUX	D4		29A			
51249		XA319	63		XA335	77					168	9			MXDB0TD	51	MXDB0TD	00	1	MUX	D4		31A			
50914		XA319	64												MPRT0Q	52	MXDB0TD	01	2	MUX	D4		30A			
50142		XA319	65												DNW	51										
51241		XA319	66		XA323	72					168	9			MXDBS0	52	MXDB4TA	01	4	MUX	E1		32B			
50326		XA319	67												GND	51										
51730		XA319	68		XA321	78					168	9			KMXCIB	06	MXDB4TA	01	3	MUX	E1		33A			
50706		XA319	69		XA330	74					168	9			MD04BQ	51	MXDB4TA	01	1	MUX	E1		32A			
50712		XA319	70		XA329	78					168	9			MD06BQ	51	MXDB4TC	01	1	MUX	E3		34A			
50891		XA319	71		XA322	13					168	9			MPFLTQ	51	MXDB4TA	01	2	MUX	E1		33B			
50627		XA319	72		XA317	46					168	9			MAOENS	56	MXDB4TC	01	2	MUX	E3		35A			
51252		XA319	73												MXDB4TA	52	MXDB4TA	00	1	MUX	E1		34B	INPUT DATA MUX BIT		
51256		XA319	74												MXDB4TC	52	MXDB4TC	00	1	MUX	E3		36A			
50709		XA319	75		XA329	55					168	9			MD05BQ	51	MXDB4TB	01	1	MUX	E2		35B			
50715		XA319	76		XA329	74					168	9			MD07BQ	51	MXDB4TD	01	1	MUX	E4		37A			
50644		XA319	77		XA320	13					168	9			MCDERQ	51	MXDB4TB	01	2	MUX	E2		36B			
50837		XA319	78												MPBZYO	53	MXDB4TD	01	2	MUX	E4		38A			
51253		XA319	79		XA334	73					168	9			MXDB4TB	51	MXDB4TB	00	1	MUX	E2		37B			
51257		XA319	80		XA334	77					168	9			MXDB4TD	51	MXDB4TD	00	1	MUX	E4		38B			
50822		XA320	01												MLPT1A	54	MLPTON	01	1	TDD	BN		02B			
50327		XA320	02												GND	51							01B			
51833		XA320	03												MX000A	56	MLPT0Q	01	1	TDD	BO		02A			
51427		XA320	04		XA321	04					168	9			MXRS0B	51	MLPT0P	01	1	TDD	BP		04A			
51335		XA320	05		XA319	59					168	9			MXGN2A	51	MLPT0I	01	1	TDD	BI		03B			
50951		XA320	06		XA321	06					168	9			MSRS0A	51	MCDERP	01	1	TDD	AP		05A			
50817		XA320	07		XA321	05					168	9			MLPT0Q	51	MLPT0Q	00	1	TDD	BO		03A	LOOP TEST COUNTER		
51901		XA320	08		XA319	05					168	9			SPI1001	56	MCDERI	01	1	TDD	AI		06A			
53482		XA320	09												MLPT0P	51	MLPT0P	00	1	TDD	BP		04B			
51955		XA320	10		XA319	03					168	9			SPI1002	76	MCDERN	01	1	TDD	AN		07A			
53448		XA320	11												MCDERP	51	MCDERP	00	1	TDD	AP		05B			
50056		XA320	12												+5V	51										
50645		XA320	13												MCDERQ	52	MCDERQ	00	1	TDD	AQ		06B	COMPUTER DATA PART		
52024		XA320	14		XA321	14					168	9			SPI1006	55		01	1	TDD	DN		09A			
50647		XA320	15												MCDESA	52	MCDERO	01	1	TDD	AO		07B			
50328		XA320	16												GND	51							20B			
52041		XA320	17		XA321	17					168	9			SPI1008	55		01	1	TDD	DQ		08B			
52015		XA320	18		XA319	15					168	9			SPI1005	63		01	1	TDD	DI		10A			
CONNECTOR	XA320	CONTINUED ON THE NEXT PAGE ****																								

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UNIT ASSEMBLY NAME CARD CAGE ASSY, A, IFCU

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	PREFIX	CONNECTOR	PIN	SHE	PREFIX	CONNECTOR	PIN	SHE	MULTI GROUP	CODE	COLOR	IDENT											
53407		XA320	19										SPO	51		00	1	TDD	DO		09B		
52032		XA320	20		XA319	11			16B	9			SPI1007	58		01	1	TDD	DP		11A		
53408		XA320	21										SPO	51		00	1	TDD	DP		10B		
51979		XA320	22		XA321	22			16B	9			SPI1003	75		01	1	TDD	CP		12A		
53409		XA320	23										SPO	51		00	1	TDD	CP		11B		
51896		XA320	24		XA321	24			16B	9			SPI1001	51		01	1	TDD	CI		13A		
53410		XA320	25										SPO	51		00	1	TDD	CO		12B		
51948		XA320	26		XA321	29			16B	9			SPI1002	69		01	1	TDD	CN		14A		
51995		XA320	27		XA319	17			16B	9			SPI1004	65		01	1	TDD	CO		13B		
50057		XA320	28										+5V	51				TDD					
51947		XA320	29		XA320	26			16B	9			SPI1002	68	MK17BQ	01	1	TDD	FQ		14B		
50768		XA320	30		XA321	30			16B	9			MK12BA	51	MK17BN	01	1	TDD	EN		15A		
53476		XA320	31								M		MK17BQ	51	MK17BQ	00	1	TDD	FO		15B	REQUEST TIMER BIT	
50329		XA320	32										GND	51				TDD			21B		
50777		XA320	33										MK17BP	53	MK17BP	00	1	TDD	FP		16B		
50773		XA320	34		XA321	31			16B	9			MK16BQ	51	MK17BI	01	1	TDD	FI		16A		
53469		XA320	35								M		MK10BP	51	MK10BP	00	1	TDD	EP		17B		
50742		XA320	36		XA321	36			16B	9			MKRS1A	51	MK17BP	01	1	TDD	EP		17A		
50764		XA320	37										MK10BQ	52	MK10BQ	00	1	TDD	EQ		18B	REQUEST TIMER BIT	
50735		XA320	38		XA321	38			16B	9			MKRSQA	51	MK10BP	01	1	TDD	EP		18A		
51920		XA320	39		XA321	39			16B	9			SPI1001	75	MK10BQ	01	1	TDD	EQ		19B		
50765		XA320	40		XA322	33			16B	9			MK11BP	51	MK10BI	01	1	TDD	EI		19A		
50538		XA320	41		XA321	41			16B	9			MAESTO	51	MAE04Q	01	1	TDD	HO		22B		
50759		XA320	42		XA322	30			16B	9			MK06BA	52	MK10BN	01	1	TDD	FN		20A		
50585		XA320	43		XA317	37			16B	9			MAE04Q	51	MAE04Q	00	1	TDD	HO		23B	MAIN TIMING COUNT	
50330		XA320	44										GND	51				TDD			27A		
50583		XA320	45		XA317	52			16B	9			MAE04P	53	MAE04P	00	1	TDD	HP		24B		
51197		XA320	46		XA321	46			16B	9			MXCP1B	60	MAE04N	01	1	TDD	HN		21A		
50563		XA320	47		XA332	64			16B	9			MAE01P	51	MAE01P	00	1	TDD	GP		25B		
50579		XA320	48		XA317	50			16B	9			MAE03Q	52	MAE04I	01	1	TDD	HI		22A		
50567		XA320	49										MAE01Q	53	MAE01Q	00	1	TDD	GO		26B		
51931		XA320	50		XA322	50			16B	9			SPI1002	52	MAE04P	01	1	TDD	HP		23A		
50544		XA320	51		XA320	63			16B	9			MAESTO	57	MAE01Q	01	1	TDD	GO		27B		
51925		XA320	52		XA320	66			16B	9			SPI1001	80	MAE01P	01	1	TDD	GP		24A		
51471		XA320	53										MXRSOB	95	MAENCQ	01	1	TDD	KQ		28B		
50560		XA320	54		XA321	49			16B	9			MAE00Q	52	MAE01I	01	1	TDD	GI		25A		
50496		XA320	55										MAENCQ	52	MAENCQ	00	1	TDD	KO		29B	MAIN TIMING COUNT	
51196		XA320	56		XA320	46			16B	9			MXCP1B	59	MAE01N	01	1	TDD	GN		26A		
53445		XA320	57								M		MAENC P	51	MAENC P	00	1	TDD	KP		30B		
50331		XA320	58										GND	51				TDD			40A		
50597		XA320	59		XA317	34			16B	9			MAE12P	51	MAE12P	00	1	TDD	JP		31B		
50618		XA320	60		XA321	55			16B	9			MAE14Q	51	MAENCN	01	1	TDD	KN		28A		
50601		XA320	61										MAE12Q	52	MAE12Q	00	1	TDD	JO		32B		
51935		XA320	62		XA317	73			16B	9			SPI1002	56	MAENC I	01	1	TDD	KT		29A		
50545		XA320	63		XA321	63			16B	9			MAESTO	58	MAE12Q	01	1	TDD	JO		33B		
50531		XA320	64		XA323	66			16B	9			MAEN5A	51	MAENC P	01	1	TDD	KP		30A		
51373		XA320	65		XA328	27			16B	9			MXIR1A	51	MXXD5Q	01	1	TDD	MQ		34B		
51926		XA320	66		XA321	66			16B	9			SPI1001	81	MAE12P	01	1	TDD	JP		31A		
50332		XA320	67										GND	51				TDD			40B		
50593		XA320	68		XA321	61			16B	9			MAE11Q	51	MAE12I	01	1	TDD	IT		32A		
	CONNECTOR	XA320	CONTINUED ON THE NEXT PAGE ***																				

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CONNECTOR

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	PREFIX	CONNECTOR	PIN	SYMBOL	PREFIX	CONNECTOR	PIN	SYMBOL	MULTI GROUP	CODE	COLOR	IDENT											
51789		XA320	69		XA323	73				16B	9			MXXDSP	51	MXXDSP	00	1	TDD	MP		35A	
50494		XA320	70											MAECP0	56	MAE12N	01	1	TDD	JN		33A	
51347		XA320	71		XA319	56				16B	9			MXGN3A	56	MXXDSI	01	1	TDD	MI		36A	
51760		XA320	72		XA321	79				16B	9			MXXC4P	54	MXXDSN	01	1	TDD	MN		34A	
51469		XA320	73		XA320	75				16B	9			MXRS0B	93	MXXDSP	01	1	TDD	MP		36B	
53564		XA320	74										M	MXXDSQ	51	MXXDSQ	00	1	TDD	MQ		35B	IOU INPUT ITR DATA
51470		XA320	75		XA320	53				16B	9			MXRS0B	94	MXXDDP	01	1	TDD	LP		37B	
51769		XA320	76											MXXDDP	55	MXXDDP	00	1	TDD	LP		37A	
51346		XA320	77		XA320	71				16B	9			MXGN3A	55	MXXDDI	01	1	TDD	LI		38B	
53562		XA320	78										M	MXXDDQ	51	MXXDDQ	00	1	TDD	LQ		38A	IOU INPUT DATA CON
51762		XA320	79											MXXC4P	56	MXXDDN	01	1	TDD	LN		39B	
50833		XA320	80		XA328	69				16B	9			MLTE0A	51	MXXDDQ	01	1	TDD	LQ		39A	
51189		XA321	01		XA322	01				16B	9			MXCP1B	52	MLPT1N	01	1	TDD	BN		02B	
50333		XA321	02											GND	51				TDD			01B	
51983		XA321	03		XA319	07				16B	9			SPI1003	79	MLPT1Q	01	1	TDD	BQ		02A	
51428		XA321	04		XA322	03				16B	9			MXRS0B	52	MLPT1P	01	1	TDD	BP		04A	
50818		XA321	05											MLPT0Q	52	MLPT1I	01	1	TDD	BI		03B	
50952		XA321	06		XA322	06				16B	9			MRS0A	52	MPRT0P	01	1	TDD	AP		05A	
50824		XA321	07											MLPT1Q	52	MLPT1Q	00	1	TDD	BQ		03A	LOOP TEST COUNTER
51900		XA321	08		XA320	08				16B	9			SPI1001	55	MPRT0I	01	1	TDD	AI		06A	
53483		XA321	09										M	MLPT1P	51	MLPT1P	00	1	TDD	BP		04B	
51954		XA321	10		XA320	10				16B	9			SPI1002	75	MPRT0N	01	1	TDD	AN		07A	
50908		XA321	11		XA317	24				16B	9			MPRT0P	51	MPRT0P	00	1	TDD	AP		05B	
50058		XA321	12											+5V	51				TDD				
50913		XA321	13		XA319	64				16B	9			MPRT0Q	51	MPRT0Q	00	1	TDD	AQ		06B	PRINTER TIMEOUT FF
52025		XA321	14		XA322	14				16B	9			SPI1006	56		01	1	TDD	DN		09A	
50917		XA321	15											MPT0CA	53	MPRT0Q	01	1	TDD	AO		07B	
50334		XA321	16											GND	51				TDD			20B	
52042		XA321	17		XA322	17				16B	9			SPI1008	56		01	1	TDD	DQ		08B	
52014		XA321	18		XA320	18				16B	9			SPI1005	62		01	1	TDD	DI		10A	
53411		XA321	19											SPO	51		00	1	TDD	DO		09B	
52031		XA321	20		XA320	20				16B	9			SPI1007	57		01	1	TDD	DP		11A	
53412		XA321	21											SPO	51		00	1	TDD	DP		10B	
51980		XA321	22		XA322	22				16B	9			SPI1003	76		01	1	TDD	CP		12A	
53413		XA321	23											SPO	51		00	1	TDD	CP		11B	
51897		XA321	24		XA322	24				16B	9			SPI1001	52		01	1	TDD	CI		13A	
53414		XA321	25											SPO	51		00	1	TDD	CO		12B	
51951		XA321	26		XA322	26				16B	9			SPI1002	72		01	1	TDD	CN		14A	
51994		XA321	27		XA320	27				16B	9			SPI1004	64		01	1	TDD	CO		13B	
50059		XA321	28											+5V	51				TDD				
51949		XA321	29		XA322	29				16B	9			SPI1002	70	MK16BQ	01	1	TDD	FQ		14B	
50769		XA321	30		XA323	60				16B	9			MK12BA	52	MK16BN	01	1	TDD	FN		15A	
50774		XA321	31											MK16BQ	52	MK16BQ	00	1	TDD	FQ		15B	REQUEST TIMER BIT
50335		XA321	32											GND	51				TDD			21B	
53475		XA321	33											MK16BP	51	MK16BP	00	1	TDD	FP		16B	
50776		XA321	34		XA320	33				16B	9			MK17BP	52	MK16BI	01	1	TDD	FI		16A	
50757		XA321	35											MK05BP	53	MK05BP	00	1	TDD	EP		17B	
50743		XA321	36		XA323	38				16B	9			MKRS1A	52	MK16BP	01	1	TDD	FP		17A	
CONNECTOR	XA321	CONTINUED ON THE NEXT PAGE ***																					

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CONNECTOR

UNIT ASSEMBLY NAME CARD CAGE ASSY, A, IFCU

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RECORD NUMBER	FROM				TO				WIRE				SIGNAL	SEQ NO	EQUATION	TER	FAC	CKT OR CHIP TYPE	GROUP	LOAD ON POWER PLANE	TEST POINTS AND/OR	SIGNAL DESCRIPTION	ECO NO	
	PREFIX	CONNECTOR	PIN	WIRE	PREFIX	CONNECTOR	PIN	WIRE	MULTI GROUP	CODE	COLOR	IDENT												WIRE
53464		XA321	37										M	MK05BQ	51	MK05BQ	00	1	TDD	EQ		18B	REQUEST TIMER BIT	
50736		XA321	38		XA322	38			168	9				MKRSQA	52	MK05BP	01	1	TDD	EP		18A		
51921		XA321	39		XA322	39			168	9				SPI1001	76	MK05BQ	01	1	TDD	EQ		19B		
50754		XA321	40											MK04BQ	52	MK05BT	01	1	TDD	ET		19A		
50539		XA321	41		XA322	41			168	9				MAESTO	52	MAE03Q	01	1	TDD	HQ		22B		
50748		XA321	42		XA322	42			168	9				MK03BA	51	MK05BN	01	1	TDD	FN		20A		
50578		XA321	43		XA320	48			168	9				MAE03Q	51	MAE03Q	00	1	TDD	HO		23B		
50336		XA321	44											GND	51				TDD			27A		
50576		XA321	45		XA326	74			168	9				MAE03P	52	MAE03P	00	1	TDD	HP		24B		
51198		XA321	46		XA322	46			168	9				MXCP1B	61	MAE03N	01	1	TDD	HN		21A		
50557		XA321	47		XA318	07			168	9				MAE00P	52	MAE00P	00	1	TDD	GP		25B		
50573		XA321	48		XA322	43			168	9				MAE02Q	52	MAE03I	01	1	TDD	HI		22A		
50561		XA321	49		XA318	25			168	9				MAE00Q	53	MAE00Q	00	1	TDD	GQ		26B	MAIN TIMING COUNT	
51933		XA321	50		XA321	64			168	9				SPI1002	54	MAE03P	01	1	TDD	HP		23A		
50543		XA321	51		XA320	51			168	9				MAESTO	56	MAE00Q	01	1	TDD	GQ		27B		
51924		XA321	52		XA320	52			168	9				SPI1001	79	MAE00P	01	1	TDD	GP		24A		
50542		XA321	53		XA321	51			168	9				MAESTO	55	MAE14Q	01	1	TDD	KO		28B		
50582		XA321	54		XA320	45			168	9				MAE04P	52	MAE00I	01	1	TDD	GI		25A		
50619		XA321	55											MAE14Q	52	MAE14Q	00	1	TDD	KQ		29B	MAIN TIMING COUNT	
51195		XA321	56		XA320	56			168	9				MXCP1B	58	MAE00N	01	1	TDD	GN		26A		
50614		XA321	57		XA317	49			168	9				MAE14P	56	MAE14P	00	1	TDD	KP		30B		
50337		XA321	58											GND	51				TDD			40A		
53446		XA321	59											MAE11P	51	MAE11P	00	1	TDD	JP		31B		
50490		XA321	60		XA322	60			168	9			M	MAECPQ	52	MAE14N	01	1	TDD	KN		28A		
50594		XA321	61		XA317	31			168	9				MAE11Q	52	MAE11Q	00	1	TDD	JQ		32B		
50605		XA321	62		XA322	55			168	9				MAE13Q	54	MAE14I	01	1	TDD	KI		29A		
50546		XA321	63		XA322	63			168	9				MAESTO	59	MAE11Q	01	1	TDD	JQ		33B		
51934		XA321	64		XA320	62			168	9				SPI1002	55	MAE14P	01	1	TDD	KP		30A		
51771		XA321	65											MXXDIA	52	MXXDIO	01	1	TDD	MQ		34B		
51927		XA321	66		XA322	66			168	9				SPI1001	82	MAE11P	01	1	TDD	JP		31A		
50338		XA321	67											GND	51				TDD			40B		
50591		XA321	68		XA322	61			168	9				MAE10Q	51	MAE11I	01	1	TDD	JT		32A		
51772		XA321	69		XA323	71			168	9				MXXDIP	51	MXXDIP	00	1	TDD	MP		35A		
50493		XA321	70		XA320	70			168	9				MAECPQ	55	MAE11N	01	1	TDD	JN		33A		
51342		XA321	71		XA322	71			168	9				MXGN3A	51	MXXDII	01	1	TDD	MI		36A		
51759		XA321	72		XA320	72			168	9				MXXC4P	53	MXXDIN	01	1	TDD	MN		34A		
51468		XA321	73		XA320	73			168	9				MXRSQB	92	MXXDIP	01	1	TDD	MP		36B		
53563		XA321	74										M	MXXDIO	51	MXXDIO	00	1	TDD	MQ		35B	IOU INPUT INTERRUPT	
51467		XA321	75		XA321	73			168	9				MXRSQB	91	MXXCIP	01	1	TDD	LP		37B		
51728		XA321	76											MXXCIP	53	MXXCIP	00	1	TDD	LP		37A		
51345		XA321	77		XA320	77			168	9				MXGN3A	54	MXXCII	01	1	TDD	LI		38B		
51731		XA321	78										J	MXXCIQ	01	MXXCIQ	00	1	TDD	LO		38A	KMYCTR BLISS	
54485		XA321	78											MXXCIQ	07	KMXCIB	02	1	TDD	LQ		38A		A01
51761		XA321	79		XA320	79			168	9				MXXC4P	55	MXXCIN	01	1	TDD	LN		39B		
51724		XA321	80		XA327	72			168	9				MXXCIA	51	MXXCIQ	01	1	TDD	LQ		39A		
51190		XA322	01		XA323	13			168	9				MXCP1B	53	MDMNDN	01	1	TDD	BN		02B		
50339		XA322	02											GND	51				TDD			01B		
51429		XA322	03		XA325	05			168	9				MXRSQB	53	MDMNDQ	01	1	TDD	BQ		02A		
CONNECTOR		XA322	CONTINUED ON THE NEXT PAGE ***																					

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	PREFIX	CONNECTOR	PIN	INTC	PREFIX	CONNECTOR	PIN	INTC	MULTI GROUP	CODE	COLOR	IDENT												SPEC INST MISC	
51982		XA322	04			XA321	03							SPI1003	78	MDMNDP	01	1	TDD	BP		04A			
50676		XA322	05											MDMND0	52	MDMNDI	01	1	TDD	BI			03B		
50953		XA322	06			XA324	75							MRSOA	53	MPFLTP	01	1	TDD	AP			05A		
50674		XA322	07											MDMNDQ	54	MDMNDQ	00	1	TDD	BQ			03A	PRINTER REQUEST L	
51899		XA322	08			XA321	08							SPI1001	54	MPFLTI	01	1	TDD	AI			06A		
53449		XA322	09										M	MDMNDP	51	MDMNDP	00	1	TDD	BP			04B		
51953		XA322	10			XA321	10							SPI1002	74	MPFLTN	01	1	TDD	AN			07A		
50890		XA322	11											MPFLTP	54	MPFLTP	00	1	TDD	AP			05B		
50060		XA322	12											+5V	51				TDD						
50892		XA322	13											MPFLTQ	52	MPFLTQ	00	1	TDD	AQ			06B		
52026		XA322	14			XA344	74							SPI1006	57		01	1	TDD	PN			09A		
50883		XA322	15			XA318	18							MPFLTA	52	MPFLTA	01	1	TDD	AO			07B	LINE PRINTER FAULT	
50340		XA322	16											GND	51				TDD				20B		
52043		XA322	17			XA344	70							SPI1008	57		01	1	TDD	DQ			08B		
52013		XA322	18			XA321	18							SPI1005	61		01	1	TDD	DI			10A		
53415		XA322	19											SPO	51		00	1	TDD	DQ			09B		
52030		XA322	20			XA321	20							SPI1007	56		01	1	TDD	DP			11A		
53416		XA322	21											SPO	51		00	1	TDD	DP			10B		
51981		XA322	22			XA322	04							SPI1003	77		01	1	TDD	CP			12A		
53417		XA322	23											SPO	51		00	1	TDD	CP			11B		
51898		XA322	24			XA322	08							SPI1001	53		01	1	TDD	CI			13A		
53418		XA322	25											SPO	51		00	1	TDD	CQ			12B		
51952		XA322	26			XA322	10							SPI1002	73		01	1	TDD	CN			14A		
51993		XA322	27			XA321	27							SPI1004	63		01	1	TDD	CO			13B		
50061		XA322	28											+5V	51				TDD						
51950		XA322	29			XA321	26							SPI1002	71	MK11BQ	01	1	TDD	FQ			14B		
50760		XA322	30											MK06BA	53	MK11BN	01	1	TDD	FN			15A		
53470		XA322	31										M	MK11BQ	51	MK11BQ	00	1	TDD	FQ			15B	REQUEST TIMER BIT	
50341		XA322	32											GND	51				TDD				21B		
50766		XA322	33			XA334	51							MK11BP	52	MK11BP	00	1	TDD	FP			16B		
50763		XA322	34			XA320	37							MK10BQ	51	MK11BI	01	1	TDD	FI			16A		
53463		XA322	35										M	MK04BP	51	MK04BP	00	1	TDD	EP			17B		
50738		XA322	36			XA323	27							MKRSOA	54	MK11BP	01	1	TDD	FP			17A		
50753		XA322	37			XA321	40							MK04BQ	51	MK04BQ	00	1	TDD	EQ			18B	REQUEST TIMER BIT	
50737		XA322	38			XA322	36							MKRSOA	53	MK04BP	01	1	TDD	EP			18A		
51922		XA322	39			XA322	51							SPI1001	77	MK04BQ	01	1	TDD	EQ			19B		
50756		XA322	40			XA321	35							MK05BP	52	MK04BI	01	1	TDD	EI			19A		
50540		XA322	41			XA322	53							MAESTO	53	MAE02Q	01	1	TDD	HO			22B		
50749		XA322	42			XA323	63							MK03BA	52	MK04BN	01	1	TDD	EN			20A		
50574		XA322	43											MAE02Q	53	MAE02Q	00	1	TDD	HO			23B		
50342		XA322	44											GND	51				TDD				27A		
50570		XA322	45			XA322	75							MAE02P	53	MAE02P	00	1	TDD	HP			24B		
51199		XA322	46			XA323	43							MKXCP1B	62	MAE02N	01	1	TDD	HN			21A		
53481		XA322	47										M	MK22BP	51	MK22BP	00	1	TDD	GP			25B		
50566		XA322	48			XA320	49							MAE01Q	52	MAE02I	01	1	TDD	HI			22A		
50783		XA322	49			XA325	77							MK22BQ	52	MK22BQ	00	1	TDD	GO			26B	REQUEST TIMER BIT	
51932		XA322	50			XA321	50							SPI1002	53	MAE02P	01	1	TDD	HP			23A		
51923		XA322	51			XA321	52							SPI1001	78	MK22BQ	01	1	TDD	GO			27B		
50745		XA322	52			XA334	49							MKRS1A	54	MK22BP	01	1	TDD	GP			24A		
50541		XA322	53			XA321	53							MAESTO	54	MAE13Q	01	1	TDD	KQ			28B		
CONNECTOR		XA322	CONTINUED ON THE NEXT PAGE ****																						

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RECORD NUMBER	FROM				TO				WIRE				SIGNAL	SEQ NO	EQUATION	TERM	PART OR CAT OR CHIP TYPE	GROUP	LOAD OR POWER PLANE	TEST POINTS		SIGNAL DESCRIPTION	EFG NO
	PREFIX	CONNECTOR	PIN	WIRE	PREFIX	CONNECTOR	PIN	WIRE	MULTI GROUP	CODE	COLOR	IDENT								ANG	OR		
50785		XA322	54			XA323	39						MK2290	51	MK228I	01	1	TDD	GI		25A		
50606		XA322	55			XA317	48						MAE13Q	55	MAE13Q	00	1	TDD	KQ		29B		
50779		XA322	56										MK18BA	52	MK228N	01	1	TDD	GN		26A		
53447		XA322	57										MAE13P	51	MAE13P	00	1	TDD	KP		30B		
50343		XA322	58										GND	51				TDD			40A		
50589		XA322	59			XA333	69						MAE10P	52	MAE10P	00	1	TDD	JP		31B		
50491		XA322	60			XA322	70						MAECP0	53	MAE13N	01	1	TDD	KN		28A		
50592		XA322	61										MAE10Q	52	MAE10Q	00	1	TDD	JO		32B	MAIN TIMING COUNT	
50600		XA322	62			XA320	61						MAE12Q	51	MAE13I	01	1	TDD	KI		29A		
50547		XA322	63			XA324	60						MAE10Q	60	MAE10Q	01	1	TDD	JO		33B		
52062		XA322	64			XA327	47						SPI1013	51	MAE13P	01	1	TDD	KP		30A		
51795		XA322	65										MXXRCA	52	MXXRCP	01	1	TDD	MP		34B		
51928		XA322	66			XA346	39						SPI1001	83	MAE10P	01	1	TDD	JP		31A		
50344		XA322	67										GND	51				TDD			40B		
50613		XA322	68			XA321	57						MAE14P	55	MAE10I	01	1	TDD	JI		32A		
53565		XA322	69										MXXRCP	51	MXXRCP	00	1	TDD	MP		35A		
50492		XA322	70			XA321	70						MAECP0	54	MAE10N	01	1	TDD	JN		33A		
51343		XA322	71			XA322	77						MXGN3A	52	MXXRCI	01	1	TDD	MI		36A		
51814		XA322	72										MXXR2P	53	MXXRCN	01	1	TDD	MN		34A		
51465		XA322	73			XA322	75						MXXRCP	89	MXXRCP	01	1	TDD	MP		36B		
51799		XA322	74										MXXRCQ	54	MXXRCQ	00	1	TDD	MQ		35B	IOU REQUEST CONTROL	
51466		XA322	75			XA321	75						MXXRCP	90	MXXREP	01	1	TDD	LP		37B		
51802		XA322	76			XA327	79						MXXREP	51	MXXREP	00	1	TDD	LP		37A		
51344		XA322	77			XA321	77						MXGN3A	53	MXXREI	01	1	TDD	LI		38B		
53566		XA322	78										MXXREQ	51	MXXREQ	00	1	TDD	LO		38A	IOU REQUEST ENABLE	
51295		XA322	79			XA324	76						MXEAOA	51	MXXREN	01	1	TDD	LN		39B		
51805		XA322	80										MXXROP	52	MXXREQ	01	1	TDD	LO		39A		
50799		XA323	01										MLPF1A	53	MLPF1A	00	1	TQ2	A2		02B		
50345		XA323	02										GND	51				TQ2			01A		
51273		XA323	03			XA326	09						MXQPEA	51	MCDESO	01	1	TQ2	A3		02A		
50803		XA323	04			XA324	14						MLPF1S	51	MLPF1A	01	1	TQ2	A2		04A		
51224		XA323	05			XA318	13						MXCP3B	59	MLPF1A	01	2	TQ2	A2		03B		
50821		XA323	06			XA320	01						MLPT1A	53	MLPT1A	00	1	TQ2	A1		05A		
51824		XA323	07										MXQPEA	52	MCDESO	01	2	TQ2	A3		03A		
50823		XA323	08			XA321	07						MLPT1Q	51	MLPT1A	01	1	TQ2	A1		06A		
50648		XA323	09			XA324	53						MCDESO	51	MCDESO	00	1	TQ2	A3		04B	SET COMPUTER DATA	
51223		XA323	10			XA323	05						MXCP3B	58	MLPT1A	01	2	TQ2	A1		07A		
50794		XA323	11			XA324	22						MLPF0S	51	MLPF2A	01	1	TQ2	A4		05B		
50062		XA323	12										+5V	51				TQ2					
51191		XA323	13			XA324	13						MXCP1B	54	MLPF2A	01	2	TQ2	A4		06B		
50732		XA323	14			XA324	74						MINT2A	52	MINT2A	00	1	TQ2	B2		09A	END DEV COMND REQ	
50808		XA323	15										MLPF2A	52	MLPF2A	00	1	TQ2	A4		07B		
50346		XA323	16										GND	51				TQ2			01B		
50876		XA323	17			XA341	47						MPDSCA	52	MPDSCO	01	1	TQ2	B3		08B		
50730		XA323	18										MINT10	53	MINT2A	01	1	TQ2	B2		10A		
50845		XA323	19			XA341	49						MPCRSA	52	MPDSCO	01	2	TQ2	B3		09B		
50719		XA323	20										MFRMFP	52	MINT2A	01	2	TQ2	B2		11A		
50879		XA323	21										MPDSCO	52	MPDSCO	00	1	TQ2	B3		10B		
CONNECTOR		XA323	CONTINUED ON THE NEXT PAGE ****																				

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	PREFIX	CONNECTOR	PIN	PLT ID	PREFIX	CONNECTOR	PIN	PLT ID	MULTI GROUP	CODE	COLOR	IDEN.											
50929		XA323	22										MSNC1A	52	MSNC1A	00	1	TQ2	B1		12A		
50673		XA323	23		XA322	07			16B	9			MDMNDQ	53	MKR50A	01	1	TQ2	B4		11B		
50947		XA323	24		XA318	08			16B	9			MSNC2S	55	MSNC1A	01	1	TQ2	B1		13A		
52110		XA323	25		XA323	37			16B	9			SPI1014	66	MKR50A	01	2	TQ2	B4		12B		
51222		XA323	26		XA323	10			16B	9			MXCP3B	57	MSNC1A	01	2	TQ2	B1		14A		
50739		XA323	27		XA334	35			16B	9			MKR50A	55	MKR50A	00	1	TQ2	B4		13B	REQUEST LINE TIMER	
50063		XA323	28										+5V	51				TQ2					
50500		XA323	29		XA325	53			16B	9			MAENOR	51	MAEN3A	01	1	TQ2	C3		14B		
50506		XA323	30		XA326	60			16B	9			MAEN1A	51	MAEN1A	00	1	TQ2	C2		15A		
51194		XA323	31		XA321	56			16B	9			MXCP1B	57	MAEN3A	01	2	TQ2	C3		15B		
50347		XA323	32										GND	51				TQ2			20B		
50522		XA323	33		XA325	46			16B	9			MAEN3A	51	MAEN3A	00	1	TQ2	C3		16B		
50511		XA323	34		XA325	41			16B	9			MAEN1S	51	MAEN1A	01	1	TQ2	C2		16A		
50782		XA323	35		XA322	49			16B	9			MK2280	51	MK2290	01	1	TQ2	C4		17B		
51221		XA323	36		XA323	26			16B	9			MXCP3B	56	MAEN1A	01	2	TQ2	C2		17A		
52111		XA323	37		XA323	42			16B	9			SPI1014	67	MK2290	01	2	TQ2	C4		18B		
50744		XA323	38		XA322	52			16B	9			MKR51A	53	MKR51A	00	1	TQ2	C1		18A		
50786		XA323	39										MK2290	52	MK2290	00	1	TQ2	C4		19B		
50672		XA323	40		XA323	23			16B	9			MDMNDQ	52	MKR51A	01	1	TQ2	C1		19A		
50516		XA323	41		XA325	51			16B	9			MAEN2R	51	MAEN7A	01	1	TQ2	D3		22B		
52112		XA323	42		XA323	50			16B	9			SPI1014	68	MKR51A	01	2	TQ2	C1		20A		
51200		XA323	43		XA323	49			16B	9			MXCP1B	63	MAEN7A	01	2	TQ2	D3		23B		
50348		XA323	44										GND	51				TQ2			21B		
50536		XA323	45		XA325	68			16B	9			MAEN7A	51	MAEN7A	00	1	TQ2	D3		24B		
50489		XA323	46		XA321	60			16B	9			MAECP0	51	MAECP0	00	1	TQ2	D2		21A	MAIN TIMING COUNT	
50519		XA323	47		XA325	45			16B	9			MAEN2S	51	MAEN6A	01	1	TQ2	D4		25B		
50581		XA323	48		XA321	54			16B	9			MAE04P	51	MAECP0	01	1	TQ2	D2		22A		
51201		XA323	49		XA326	50			16B	9			MXCP1B	64	MAEN6A	01	2	TQ2	D4		26B		
52113		XA323	50		XA324	49			16B	9			SPI1014	69	MAECPD	01	2	TQ2	D2		23A		
50535		XA323	51										MAEN6A	52	MAEN6A	00	1	TQ2	D4		27B		
50778		XA323	52		XA322	56			16B	9			MK188A	51	MK188A	00	1	TQ2	D1		24A	REQUEST TIMER CLOC	
50761		XA323	53		XA335	46			16B	9			MK06B4U	51	MK068A	01	1	TQ2	E3		28B		
50780		XA323	54		XA335	62			16B	9			MK1884U	51	MK188A	01	1	TQ2	D1		25A		
52117		XA323	55		XA323	61			16B	9			SPI1014	73	MK068A	01	2	TQ2	E3		29B		
52116		XA323	56		XA323	55			16B	9			SPI1014	72	MK188A	01	2	TQ2	D1		26A		
50758		XA323	57		XA320	42			16B	9			MK068A	51	MK068A	00	1	TQ2	E3		30B	REQUEST TIMER CLOC	
50349		XA323	58										GND	51				TQ2			27A		
50751		XA323	59		XA334	46			16B	9			MK03B4U	51	MK038A	01	1	TQ2	F4		31B		
50770		XA323	60										MK128A	53	MK128A	00	1	TQ2	E2		28A	REQUEST TIMER CLOC	
52118		XA323	61		XA323	64			16B	9			SPI1014	74	MK038A	01	2	TQ2	F4		32B		
50771		XA323	62		XA334	62			16B	9			MK1284U	51	MK128A	01	1	TQ2	E2		29A		
50750		XA323	63										MK038A	53	MK038A	00	1	TQ2	F4		33B	REQUEST TIMER CLOC	
52119		XA323	64		XA324	64			16B	9			SPI1014	75	MK128A	01	2	TQ2	E2		30A		
51750		XA323	65		XA330	48			16B	9			MXXC2Q	52	MXSK0A	01	1	TQ2	E3		34B		
50532		XA323	66		XA325	47			16B	9			MAEN5A	52	MAEN5A	00	1	TQ2	E1		31A		
50350		XA323	67										GND	51				TQ2			40A		
50526		XA323	68		XA324	66			16B	9			MAEN3S	51	MAEN5A	01	1	TQ2	E1		32A		
51569		XA323	69		XA328	35			16B	9			MXSK0A	51	MXSK0A	00	1	TQ2	F3		35A		
51228		XA323	70		XA325	79			16B	9			MXCP3B	63	MAEN5A	01	2	TQ2	E1		33A		
51773		XA323	71		XA325	78			16B	9			MXXDIP	52	MXD850	01	1	TQ2	F2		36A		
CONNECTOR		XA323	CONTINUED ON THE NEXT PAGE ****																				

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	PREFIX	CONNECTOR	PIN	WIRE	PREFIX	CONNECTOR	PIN	WIRE	MULTI GROUP	CODE	COLOR	IDENT												BPC INST MISC
51242		XA323	72											MXDBS0	53	MXDBS0	00	1	TQ2	F2		34A	INPUT MUX STATUS	
51790		XA323	73			XA326	70			16B	9			MXXDSP	52	MXDBS0	01	2	TQ2	F2		34B		
51754		XA323	74											MXXC3P	52	MXSKOA	01	2	TQ2	F3		35B		
50726		XA323	75			XA317	62			16B	9			MINT1A	53	MINT1A	00	1	TQ2	F1		37B	END OF DEV COMMAND	
51749		XA323	76			XA323	65			16B	9			MXXC2Q	51	MXXCSA	01	1	TQ2	F4		37A		
50729		XA323	77			XA323	18			16B	9			MINT10	52	MINT1A	01	1	TQ2	F1		38B		
51764		XA323	78											MXXC4Q	52	MXXCSA	01	2	TQ2	F4		38A		
52122		XA323	79			XA324	79			16B	9			SPI1014	78	MINT1A	01	2	TQ2	F1		39B		
51741		XA323	80											MXXCSA	52	MXXCSA	00	1	TQ2	F4		39A	IOU INPUT STROBE	
50816		XA324	01											MLPTBS	52	MLPTBS	00	1	TQ2	A2		02B	LOOP TEST BUSY E/F	
50351		XA324	02											GND	51				TQ2			01A		
50924		XA324	03											MSNCOR	53	MSNCOS	01	1	TQ2	A3		02A		
50812		XA324	04			XA325	07			16B	9			MLPTBR	51	MLPTBS	01	1	TQ2	A2		04A		
51832		XA324	05			XA320	03			16B	9			MXOD0A	55	MLPTBS	01	2	TQ2	A2		03B		
50827		XA324	06			XA325	06			16B	9			MLPT2S	51	MLPT2S	00	1	TQ2	A1		05A	LOOP TEST WAIT FOR	
50957		XA324	07			XA328	21			16B	9			MSYN1A	51	MSNCOS	01	2	TQ2	A3		03A		
50826		XA324	08											MLPT2R	52	MLPT2S	01	1	TQ2	A1		06A		
50926		XA324	09			XA325	09			16B	9			MSNCOS	52	MSNCOS	00	1	TQ2	A3		04B	DEV SYNC COUNTER	
50820		XA324	10			XA323	06			16B	9			MLPT1A	52	MLPT2S	01	2	TQ2	A1		07A		
50793		XA324	11											MLPF0R	53	MLPE3A	01	1	TQ2	A4		05B		
50064		XA324	12											+5V	51				TQ2					
51192		XA324	13			XA324	25			16B	9			MXCP1B	55	MLPE3A	01	2	TQ2	A4		06B		
50804		XA324	14			XA325	14			16B	9			MLPF1S	52	MLPF1S	00	1	TQ2	B2		09A	FORM FEED COUNTER	
50810		XA324	15											MLPF3A	52	MLPE3A	00	1	TQ2	A4		07B		
50352		XA324	16											GND	51				TQ2			01B		
50637		XA324	17			XA325	27			16B	9			MBUSYR	52	MBUSYS	01	1	TQ2	B3		08B		
50800		XA324	18			XA325	19			16B	9			MLPF1R	51	MLPF1S	01	1	TQ2	B2		10A		
50632		XA324	19											MBSY0A	52	MBUSYS	01	2	TQ2	B3		09B		
50807		XA324	20			XA323	15			16B	9			MLPF2A	51	MLPF1S	01	2	TQ2	B2		11A		
50642		XA324	21			XA318	10			16B	9			MBUSYS	53	MBUSYS	00	1	TQ2	B3		10B	HARWARE BUSY E/F	
50795		XA324	22			XA325	22			16B	9			MLPF0S	52	MLPF0S	00	1	TQ2	B1		12A	FORM FEED COUNTER	
50930		XA324	23			XA324	40			16B	9			MSNC1R	51	MSNC3A	01	1	TQ2	B4		11B		
50792		XA324	24			XA324	11			16B	9			MLPF0R	52	MLPF0S	01	1	TQ2	B1		13A		
51193		XA324	25			XA323	31			16B	9			MXCP1B	56	MSNC3A	01	2	TQ2	B4		12B		
50790		XA324	26											MLPF0A	52	MLPF0S	01	2	TQ2	B1		14A		
50950		XA324	27											MSNC3A	52	MSNC3A	00	1	TQ2	B4		13B		
50065		XA324	28											+5V	51				TQ2					
50549		XA324	29			XA325	39			16B	9			MAE0BR	51	MAE0RS	01	1	TQ2	C3		14B		
50946		XA324	30			XA323	24			16B	9			MSNC2S	54	MSNC2S	00	1	TQ2	C2		15A	DEV SYNC COUNTER	
50487		XA324	31			XA326	76			16B	9			MAE0RA	51	MAE0RS	01	2	TQ2	C3		15B		
50353		XA324	32											GND	51				TQ2			20B		
50553		XA324	33											MAE0BS	52	MAE0BS	00	1	TQ2	C3		16B	EOB RECEIVED ON	
50941		XA324	34			XA317	60			16B	9			MSNC2R	52	MSNC2S	01	1	TQ2	C2		16A		
51836		XA324	35			XA333	45			16B	9			MXOERS	51	MXODRA	01	1	TQ2	C4		17B		
50937		XA324	36			XA325	57			16B	9			MSNC2A	51	MSNC2S	01	2	TQ2	C2		17A		
51701		XA324	37			XA326	25			16B	9			MXXB10	51	MXODRA	01	2	TQ2	C4		18B		
50935		XA324	38			XA318	14			16B	9			MSNC1S	53	MSNC1S	00	1	TQ2	C1		18A	DEV SYNC COUNTER	
51825		XA324	39			XA325	59			16B	9			MXODRA	51	MXODRA	00	1	TQ2	C4		19B		
CONNECTOR	XA324	CONTINUED ON THE NEXT PAGE ****																						

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RECORD NUMBER	FROM			TO			WIRE				SPEC INST	SIGNAL	SEQ NO	EQUATION	TERM	FACT	CKT OR CHIP TYPE	GROUP	LOAD OR POWER PLANE	TEST POINTS LAND OR	SIGNAL DESCRIPTION	ECO NO	
	PREFIX	CONNECTOR	PIN	PREFIX	CONNECTOR	PIN	MULTI GROUP	CODE	COLOR	IDENT													
50931		XA324	40		XA325	36			168	9		MSNCIR	52	MSNCIS	01	1	TQ2	C1		19A			
51587		XA324	41		XA330	37			168	9		MXST10	51	MXST1A	01	1	TQ2	D3		22B			
50920		XA324	42		XA317	59			168	9		MSNCOA	51	MSNCIS	01	2	TQ2	C1		20A			
51220		XA324	43		XA323	36			168	9		MXCP3B	55	MXST1A	01	2	TQ2	D3		23B			
50354		XA324	44									GND	51				TQ2			21B			
51584		XA324	45		XA329	42			168	9		MXST1A	51	MXST1A	00	1	TQ2	D3		24B			
50513		XA324	46									MAEN15	53	MAEN15	00	1	TQ2	D2		21A	PRINT COMMAND COUN		
50836		XA324	47		XA319	78			168	9		MPBZY0	52	MBUSYA	01	1	TQ2	D4		25B			
50510		XA324	48									MAEN1R	52	MAEN15	01	1	TQ2	D2		22A			
52114		XA324	49		XA324	55			168	9		SPI1014	70	MBUSYA	01	2	TQ2	D4		26B			
50530		XA324	50									MAEN4A	52	MAEN15	01	2	TQ2	D2		23A			
50635		XA324	51									MBUSYA	53	MBUSYA	00	1	TQ2	D4		27B	HARDWARE BUSY WHEN		
50622		XA324	52		XA325	52			168	9		MAOENS	51	MAOENS	00	1	TQ2	D1		24A	AUTO OUTPUT ENABLE		
50649		XA324	53									MCDESO	52	MCDESA	01	1	TQ2	E3		28B			
50621		XA324	54									MAOENR	52	MAOENS	01	1	TQ2	D1		25A			
52115		XA324	55		XA323	56			168	9		SPI1014	71	MCDESA	01	2	TQ2	E3		29B			
50497		XA324	56		XA325	60			168	9		MAENOA	51	MAOENS	01	2	TQ2	D1		26A			
50646		XA324	57		XA320	15			168	9		MCDESA	51	MCDESA	00	1	TQ2	E3		30B			
50355		XA324	58									GND	51				TQ2			27A			
50894		XA324	59									MPFLTOX	52	MPFLTA	01	1	TQ2	E4		31B			
50548		XA324	60									MAESTO	61	MAESTO	00	1	TQ2	E2		28A	RESET MAIN TIMING		
50881		XA324	61									MPFLTA	52	MPFLTA	01	2	TQ2	E4		32B			
50495		XA324	62		XA320	55			168	9		MAENCO	51	MAESTO	01	1	TQ2	E2		29A			
50882		XA324	63		XA322	15			168	9		MPFLTA	51	MPFLTA	00	1	TQ2	E4		33B	SET PRINTER FAULT		
52120		XA324	64		XA324	78			168	9		SPI1014	76	MAESTO	01	2	TQ2	F2		30A			
51779		XA324	65		XA326	19			168	9		MXXDIR	52	MXXDIS	01	1	TQ2	F3		34B			
50527		XA324	66		XA325	66			168	9		MAEN3S	52	MAEN3S	00	1	TQ2	E1		31A	PRINT COMMAND COUN		
50356		XA324	67									GND	51				TQ2			40A			
50524		XA324	68		XA325	64			168	9		MAEN3R	51	MAEN3S	01	1	TQ2	F1		32A			
51781		XA324	69		XA325	69			168	9		MXXDIS	51	MXXDIS	00	1	TQ2	F3		35A	INTERRUPT WAIT FOR		
50534		XA324	70		XA323	51			168	9		MAEN6A	51	MAEN3S	01	2	TQ2	E1		33A			
51288		XA324	71									MXDVIA	52	MXDV10	01	1	TQ2	F2		36A			
51289		XA324	72		XA328	19			168	9		MXDV10	51	MXDV10	00	1	TQ2	F2		34A	DEV COMMAND DATA		
52124		XA324	73		XA327	73			168	9		SPI1014	80	MXDV10	01	2	TQ2	F2		36B			
50733		XA324	74		XA333	70			168	9		MINT2A	53	MXXDIS	01	2	TQ2	F3		35B			
50954		XA324	75									MSRSQA	54	MSRSQA	00	1	TQ2	F1		37B			
51296		XA324	76		XA326	11			168	9		MXEAOA	52	MXEAO0	01	1	TQ2	F4		37A			
50956		XA324	77									MSRSQA	52	MSRSQA	01	1	TQ2	F1		38B			
52121		XA324	78		XA323	79			168	9		SPI1014	77	MXEAO0	01	2	TQ2	F4		38A			
52123		XA324	79		XA324	73			168	9		SPI1014	79	MSRSQA	01	2	TQ2	F1		39B			
51301		XA324	80									MXEAO0	53	MXEAO0	00	1	TQ2	F4		39A			
50815		XA325	01		XA324	01			168	9		MLPTBS	51	MLPTBR	01	1	TT3	A2		02B			
50357		XA325	02									GND	51				TT3			01B			
51766		XA325	03		XA325	08			168	9		MXXDDP	52	MLPTBR	01	2	TT3	A2		02A			
50825		XA325	04		XA324	08			168	9		MLPT2R	51	MLPT2R	00	1	TT3	A1		04A			
51430		XA325	05		XA325	13			168	9		MXRSQB	54	MLPTBR	01	3	TT3	A2		03B			
50828		XA325	06		XA328	65			168	9		MLPT2S	52	MLPT2R	01	1	TT3	A1		05A			
50813		XA325	07		XA326	20			168	9		MLPTBR	52	MLPTBR	00	1	TT3	A2		03A			
CONNECTOR	XA325	CONTINUED ON THE NEXT PAGE ****																					

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	PREFIX	CONNECTOR	PIN	PREFIX	CONNECTOR	PIN	WIRE	MULTI GROUP	CODE	COLOR												
51767		XA325	08		XA326	66			16B	9		MXXDDP	53	MLPT2R	01	2	TT3	A1		06A		
50927		XA325	09									MSNCOS	53	MSNCOR	01	1	TT3	A3		04B		
51452		XA325	10		XA325	18			16B	9		MXRSOB	76	MLPT2R	01	3	TT3	A1		07A		
50724		XA325	11		XA325	23			16B	9		MINT1A	51	MSNCOR	01	2	TT3	A3		05B		
50066		XA325	12									+5V	51				TT3					
51431		XA325	13		XA325	34			16B	9		MXRSOB	55	MSNCOR	01	3	TT3	A3		06B		
50805		XA325	14		XA341	48			16B	9		MLPF1S	53	MLPF1R	01	1	TT3	B2		09A		
50923		XA325	15		XA324	03			16B	9		MSNCOR	52	MSNCOR	00	1	TT3	A3		07B		
50358		XA325	16									GND	51				TT3			21B		
50809		XA325	17		XA324	15			16B	9		MLPF3A	51	MLPF1R	01	2	TT3	B2		08B		
51453		XA325	18		XA325	26			16B	9		MXRSOB	77	MLPF1R	01	3	TT3	B2		10A		
50801		XA325	19		XA341	35			16B	9		MLPF1R	52	MLPF1R	00	1	TT3	B2		09B		
50791		XA325	20		XA324	24			16B	9		MLPFOR	51	MLPFOR	00	1	TT3	B1		11A		
50641		XA325	21		XA324	21			16B	9		MBUSYS	52	MBUSYR	01	1	TT3	B3		10B		
50796		XA325	22									MLPFOS	53	MLPFOR	01	1	TT3	B1		12A		
50725		XA325	23		XA323	75			16B	9		MINT1A	52	MBUSYR	01	2	TT3	B3		11B		
50798		XA325	24		XA323	01			16B	9		MLPF1A	52	MLPFOR	01	2	TT3	B1		13A		
51455		XA325	25		XA325	37			16B	9		MXRSOB	79	MBUSYR	01	3	TT3	B3		12B		
51454		XA325	26		XA325	25			16B	9		MXRSOB	78	MLPFOR	01	3	TT3	B1		14A		
50638		XA325	27		XA333	71			16B	9		MBUSYR	53	MBUSYR	00	1	TT3	B3		13B		
50067		XA325	28									+5V	51				TT3					
50945		XA325	29		XA324	30			16B	9		MSNC2S	53	MSNC2R	01	1	TT3	C2		14B		
50949		XA325	30		XA324	27			16B	9		MSNC3A	51	MSNC2R	01	2	TT3	C2		15A		
50940		XA325	31		XA324	34			16B	9		MSNC2R	51	MSNC2R	00	1	TT3	C2		15B		
50359		XA325	32									GND	51				TT3			27A		
50552		XA325	33		XA324	33			16B	9		MAEOBS	51	MAEOBR	01	1	TT3	C3		16B		
51432		XA325	34		XA329	36			16B	9		MXRSOB	56	MSNC2R	01	3	TT3	C2		16A		
50486		XA325	35									MAEBRA	52	MAEOBR	01	2	TT3	C3		17B		
50932		XA325	36									MSNC1R	53	MSNC1R	00	1	TT3	C1		17A		
51456		XA325	37		XA325	42			16B	9		MXRSOB	80	MAEOBR	01	3	TT3	C3		18B		
50934		XA325	38		XA324	38			16B	9		MSNC1S	52	MSNC1R	01	1	TT3	C1		18A		
50550		XA325	39		XA333	75			16B	9		MAEOBR	52	MAEOBR	00	1	TT3	C3		19B		
50928		XA325	40		XA323	22			16B	9		MSNC1A	51	MSNC1R	01	2	TT3	C1		19A		
50512		XA325	41		XA324	46			16B	9		MAEN1S	52	MAEN1R	01	1	TT3	D2		22B		
51457		XA325	42		XA325	48			16B	9		MXRSOB	81	MSNC1R	01	3	TT3	C1		20A		
50509		XA325	43		XA324	48			16B	9		MAEN1R	51	MAEN1R	00	1	TT3	D2		23B		
50360		XA325	44									GND	51				TT3			40A		
50520		XA325	45		XA333	55			16B	9		MAEN2S	52	MAEN2R	01	1	TT3	D3		24B		
50523		XA325	46									MAEN3A	52	MAEN1R	01	2	TT3	D2		21A		
50533		XA325	47									MAEN5A	53	MAEN2R	01	2	TT3	D3		25B		
51458		XA325	48		XA325	49			16B	9		MXRSOB	82	MAEN1R	01	3	TT3	D2		22A		
51459		XA325	49		XA325	56			16B	9		MXRSOB	83	MAEN2R	01	3	TT3	D3		26B		
50620		XA325	50		XA324	54			16B	9		MAOENR	51	MAOENR	00	1	TT3	D1		23A		
50517		XA325	51		XA333	53			16B	9		MAEN2R	52	MAEN2R	00	1	TT3	D3		27B		
50623		XA325	52		XA326	62			16B	9		MAOENS	52	MAOENR	01	1	TT3	D1		24A		
50501		XA325	53		XA326	57			16B	9		MAENOR	52	MAENOS	01	1	TT3	E2		28B		
50629		XA325	54		XA332	76			16B	9		MAOERA	51	MAOENR	01	2	TT3	D1		25A		
50505		XA325	55									MAENOS	53	MAENOS	00	1	TT3	E2		29B		
51460		XA325	56		XA325	61			16B	9		MXRSOB	84	MAOENR	01	3	TT3	D1		26A		
50938		XA325	57		XA327	46			16B	9		MSNC2A	52	MSRSOO	01	1	TT3	E3		30B		
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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	IN FE	PREFIX	CONNECTOR	PIN	IN FE	MULTI GROUP	CODE	COLOR	IDENT											
50361		XA325	58										GND	51							40B		
51826		XA325	59		XA327	59			16B	9			MXODRA	52	MSRS00	01	2	TT3	E3		31B		
50498		XA325	60		XA326	47			16B	9			MAEN0A	52	MAEN0S	01	2	TT3	E2		28A		
51461		XA325	61		XA327	61			16B	9			MXRS0B	85	MSRS00	01	3	TT3	E3		32B		
50515		XA325	62										MAEN2A	52	MAEN0S	01	3	TT3	E2		29A		
50955		XA325	63		XA324	77			16B	9			MSRS00	51	MSRS00	00	1	TT3	E3		33B	RESET ERROR REGIST	
50525		XA325	64										MAEN3R	52	MAEN3R	00	1	TT3	E1		30A		
50959		XA325	65										MSYN1A	53	MXXCIO	01	1	TT3	F2		34B		
50528		XA325	66										MAEN3S	53	MAEN3R	01	1	TT3	E1		31A		
50362		XA325	67										GND	51									
50537		XA325	68										MAEN7A	52	MAEN3R	01	2	TT3	E1		32A		
51782		XA325	69		XA327	65			16B	9			MXXDIS	52	MXXDIR	01	1	TT3	F3		35A		
51464		XA325	70		XA322	73			16B	9			MXRS0B	88	MAEN3R	01	3	TT3	E1		33A		
51576		XA325	71		XA332	18			16B	9			MXSS0A	51	MXXCIO	01	2	TT3	F2		36A		
51831		XA325	72		XA324	05			16B	9			MXOD0A	54	MXXCIO	01	3	TT3	F2		34A		
50916		XA325	73		XA321	15			16B	9			MPTOCA	52	MPTOCA	00	1	TT3	F1		36B	SET PRINTER TIME	
51733		XA325	74										MXXCIO	52	MXXCIO	00	1	TT3	F2		35B	INDICATOR INPUT	
50626		XA325	75		XA319	72			16B	9			MAOENS	55	MPTOCA	01	1	TT3	F1		37B		
51356		XA325	76		XA338	66			16B	9			MXINHRR	51	MXXDIR	01	2	TT3	F3		37A		
50784		XA325	77										MK22BQ	53	MPTOCA	01	2	TT3	F1		38B		
51774		XA325	78		XA326	68			16B	9			MXXDIP	53	MXXDIR	01	3	TT3	F3		38A		
51229		XA325	79		XA326	79			16B	9			MXCP3B	64	MPTOCA	01	3	TT3	F1		39B		
51778		XA325	80		XA324	65			16B	9			MXXDIR	51	MXXDIR	00	1	TT3	F3		39A		
50900		XA326	01		XA326	22			16B	9			MPRNTQ	51	MXDPEA	01	1	TD4	A2		02B		
50363		XA326	02										GND	51							01A		
50143		XA326	03										DNW	51									
51317		XA326	04		XA326	24			16B	9			MXENAS	51	MXDPEA	01	2	TD4	A2		04A		
51501		XA326	05		XA333	35			16B	9			KXROPPR	00C	MXDPEA	01	3	TD4	A2		03B		
50974		XA326	06		XA336	63			16B	9			MXADRO	51	MXEAOA	01	1	TD4	A1		05A		
51663		XA326	07		XA326	26			16B	9			MXXA50	51	MXDPEA	01	4	TD4	A2		03A		
51404		XA326	08										MXRENS	53	MXEAOA	01	2	TD4	A1		06A		
51274		XA326	09										MXDPEA	52	MXDPEA	00	1	TD4	A2		04B	AUTO OUTPUT COMND	
51820		XA326	10		XA338	78			16B	9			MXXO50	51	MXEAOA	01	3	TD4	A1		07A		
51297		XA326	11		XA336	19			16B	9			MXEAOA	53	MXEAOA	00	1	TD4	A1		05B	SET ENABLE ADDRESS	
50068		XA326	12										+5V	51									
51495		XA326	13		XA332	37			16B	9			MXROPA	52	MXEAOA	01	4	TD4	A1		06B		
50922		XA326	14		XA325	15			16B	9			MSNCOR	51	MPBZY0	01	1	TD4	B2		09A		
50144		XA326	15										DNW	51									
50364		XA326	16										GND	51							20B		
50145		XA326	17										DNW	51									
50731		XA326	18		XA323	14			16B	9			MINT2A	51	MPBZY0	01	2	TD4	B2		10A		
51780		XA326	19										MXXDIR	53	MPBZY0	01	3	TD4	B2		09B		
50814		XA326	20										MLPTBR	53	MPBZY0	01	4	TD4	B2		11A		
50835		XA326	21		XA324	47			16B	9			MPBZY0	51	MPBZY0	00	1	TD4	B2		10B	HARDWARE BUSY WHEN	
50901		XA326	22		XA329	31			16B	9			MPRNTQ	52	MXED0A	01	1	TD4	B1		12A		
51314		XA326	23										MXED0A	54	MXED0A	00	1	TD4	B1		11B	AUTO OUTPUT DATA	
51318		XA326	24		XA336	21			16B	9			MXENAS	52	MXED0A	01	2	TD4	B1		13A		
51702		XA326	25		XA332	04			16B	9			MXXB10	52	MXED0A	01	3	TD4	B1		12B		
CONNECTOR	XA326	CONTINUED ON THE NEXT PAGE ****																					

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RECORD NUMBER	FROM				TO				WIRE				SIGNAL	SEQ NO	EQUATION	TERM	FACTOR	CT OR CHIP TYPE	GROUP	LOAD OR POWER PLANE	TEST POINTS AND/OR	SIGNAL DESCRIPTION	ECO NO	
	PREFIX	CONNECTOR	PIN	DATA	PREFIX	CONNECTOR	PIN	DATA	MULTI GROUP	CODE	COLOR	IDENT												SPC INST. NO.
51664		XA326	26			XA333	37							MXXA50	52	MXED0A	01	4	TD4	B1	14A			
50146		XA326	27											DNW	51				TD4					
50069		XA326	28											+5V	01				TD4					C01
50147		XA326	29											DNW	51				TD4					
51177		XA326	30											MXCA10	57	MXOR0A	01	1	TD4	C2	15A			
51259		XA326	31			XA327	24							MXDEVA	51	MXOR0A	01	2	TD4	C2	15B			
50365		XA326	32											GND	51				TD4		21B			
51847		XA326	33											MXOR0A	52	MXOR0A	00	1	TD4	C2	16B	COMMAND IS DEF		
51842		XA326	34											MXOFRO	52	MXOR0A	01	3	TD4	C2	16A			
51285		XA326	35			XA336	36							MXDVOA	51	MXDVOA	00	1	TD4	C1	17B	SET DEVICE COMMAND		
50633		XA326	36			XA326	42							MBUSYA	51	MXOR0A	01	4	TD4	C2	17A			
51176		XA326	37			XA326	30							MXCA10	56	MXDVOA	01	1	TD4	C1	18B			
51270		XA326	38			XA327	22							MXDEVO	51	MXDVOA	01	2	TD4	C1	18A			
50148		XA326	39											DNW	51				TD4					
51279		XA326	40											MXDVCO	53	MXDVOA	01	3	TD4	C1	19A			
50149		XA326	41											DNW	51				TD4					
50634		XA326	42			XA324	51							MBUSYA	52	MXDVOA	01	4	TD4	C1	20A			
50503		XA326	43			XA326	55							MAENOS	51	MAEN4A	01	1	TD4	D2	23B			
50366		XA326	44											GND	51				TD4		27A			
50529		XA326	45			XA324	50							MAEN4A	51	MAEN4A	00	1	TD4	D2	24B			
50671		XA326	46			XA323	40							MDMNDQ	51	MAEN4A	01	2	TD4	D2	21A			
50499		XA326	47											MAENOA	53	MAENOA	00	1	TD4	D1	25B	START PRINT COMMAND		
50911		XA326	48			XA333	79							MPRTOP	54	MAEN4A	01	3	TD4	D2	22A			
50903		XA326	49			XA326	75							MPRNTQ	54	MAENOA	01	1	TD4	D1	26B			
51202		XA326	50			XA327	50							MXCP1B	65	MAEN4A	01	4	TD4	D2	23A			
50150		XA326	51											DNW	51				TD4					
50944		XA326	52			XA325	29							MSNC2S	52	MAENOA	01	2	TD4	D1	24A			
50151		XA326	53											DNW	51				TD4					
50640		XA326	54			XA325	21							MBUSYS	51	MAENOA	01	3	TD4	D1	25A			
50504		XA326	55			XA325	55							MAENOS	52	MAENOR	01	1	TD4	F2	29B			
51231		XA326	56			XA332	66							MXCP3B	66	MAENOA	01	4	TD4	D1	26A			
50502		XA326	57											MAENOR	53	MAENOR	00	1	TD4	F2	30B			
50367		XA326	58											GND	51				TD4		40A			
51734		XA326	59			XA329	52							MXXCRO	51	MXXCRO	00	1	TD4	F1	31B	TOU INPUT STROBE		
50507		XA326	60			XA333	66							MAEN1A	52	MAENOR	01	2	TD4	E2	28A			
51727		XA326	61			XA321	76							MXXCIP	52	MXXCRO	01	1	TD4	F1	32B			
50624		XA326	62			XA326	77							MAOENS	53	MAENOR	01	3	TD4	E2	29A			
50152		XA326	63											DNW	51				TD4					
51463		XA326	64			XA325	70							MXRSOB	87	MAENOR	01	4	TD4	E2	30A			
50153		XA326	65											DNW	51				TD4					
51768		XA326	66			XA320	76							MXXDDP	54	MXXCRO	01	2	TD4	E1	31A			
50368		XA326	67											GND	51				TD4		40B			
51775		XA326	68			XA333	59							MXXDIP	54	MXXCRO	01	3	TD4	E1	32A			
50485		XA326	69			XA325	35							MAEBRA	51	MAEBRA	00	1	TD4	F2	35A	RESET FOR E/E		
51791		XA326	70			XA333	61							MXXDSP	53	MXXCRO	01	4	TD4	E1	33A			
50604		XA326	71			XA321	62							MAE13Q	53	MAEBRA	01	1	TD4	F2	36A			
50612		XA326	72			XA322	68							MAE14P	54	MAEBRA	01	2	TD4	F2	34A			
50572		XA326	73			XA321	48							MAE02Q	51	MAEBRA	01	3	TD4	F2	36B			
50577		XA326	74											MAE03P	53	MAEBRA	01	4	TD4	F2	35B			
50904		XA326	75			XA317	43							MPRNTQ	55	MAEBOA	01	1	TD4	F1	37B			
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	PREFIX	CONNECTOR	PIN	PREFIX	CONNECTOR	PIN	MULTI GROUP	CODE	COLOR	IDENT											
50488		XA326	76									MAEBOA	52	MAEBOA	00	1	TD4	F1	37A	SET EOB F/F	
50625		XA326	77		XA325	75		16B	9			MAOENS	54	MAEBOA	01	2	TD4	F1	38B		
51308		XA326	78		XA328	41		16B	9			MXER1Q	51	MAEBOA	01	3	TD4	F1	38A		
51230		XA326	79		XA326	56		16B	9			MXCP3B	65	MAEBOA	01	4	TD4	F1	39B		
50154		XA326	80									ONW	51				TD4				
51216		XA327	01		XA327	09		16B	9		P	MXCP30	51	MXCP3B	01	1	TQ2	A2	02B		
51235		XA327	01								J	MXCP30	51	MXCP30	00	1	TQ2	A2	02B	MXCP3B BUSS	
50369		XA327	02									GND	51				TQ2		01A		
51213		XA327	03		XA327	04		16B	9			MXCP3A	51	MXCP40			J2	A3	02A		
51214		XA327	04		XA328	14		16B	9			MXCP3A	52	MXCP30			TQ2	A2	04A		
52098		XA327	05		XA327	07		16B	9			SPI1014	54	MXCP30	01	2	TQ2	A2	03B		
51423		XA327	06									MXRRSA	62	MXRRSA	00	1	TQ2	A1	05A	RESET I/O INPUT RE	
52099		XA327	07		XA327	19		16B	9			SPI1014	55	MXCP40	01	2	TQ2	A3	03A		
51424		XA327	08		XA328	06		16B	9			MXRRSA	51	MXRRSA	01	1	TQ2	A1	06A		
51217		XA327	09		XA328	25		16B	9		P	MXCP40	52	MXCP3B	01	2	TQ2	A3	04B	CLOCK PHASE 3 BUS	
51236		XA327	09								J	MXCP40	51	MXCP40	00	1	TQ2	A3	04B	MXCP3B BUSS	
52095		XA327	10		XA328	07		16B	9			SPI1014	51	MXRRSA	01	2	TQ2	A1	07A		
51849		XA327	11									MXIMAP	52	MXCP1A	01	1	TQ2	A4	05B		
50070		XA327	12									+5V	51				TQ2				
51856		XA327	13		XA330	31		16B	9			MX1MB0	51	MXCP1A	01	2	TQ2	A4	06B		
50960		XA327	14		XA328	17		16B	9			MSYN10	51	MSYN10	00	1	TQ2	B2	09A		
51187		XA327	15									MXCP1A	54	MXCP1A	00	1	TQ2	A4	07B	PHASE 1 OF 2 PHASE	
50370		XA327	16									GND	51				TQ2		01B		
51384		XA327	17		XA327	18		16B	9			MXRAF6T	51	MFRMFO	01	1	TQ2	B3	08B		
51385		XA327	18		XA335	09		16B	9			MXRAF6T	52	MSYN10	01	1	TQ2	B2	10A		
52100		XA327	19		XA327	36		16B	9			SPI1014	56	MFRMFO	01	2	TQ2	B3	09B		
51388		XA327	20		XA327	23		16B	9			MXRAF7T	52	MSYN10	01	2	TQ2	B2	11A		
50722		XA327	21		XA331	40		16B	9			MFRMFO	51	MFRMFO	00	1	TQ2	B3	10B		
51271		XA327	22		XA333	11		16B	9			MXDEVO	52	MXDEVO	00	1	TQ2	B1	12A		
51389		XA327	23									MXRAF7T	53	MPRNT0	01	1	TQ2	B4	11B		
51260		XA327	24		XA328	38		16B	9			MXDEVA	52	MXDEVO	01	1	TQ2	B1	13A		
52109		XA327	25		XA323	25		16B	9			SPI1014	65	MPRNT0	01	2	TQ2	B4	12B		
52108		XA327	26		XA327	25		16B	9			SPI1014	64	MXDEVO	01	2	TQ2	B1	14A		
50907		XA327	27									MPRNT0	52	MPRNT0	00	1	TQ2	B4	13B		
50071		XA327	28									+5V	51				TQ2				
51476		XA327	29		XA327	34		16B	9			MXRS00	55	MXRS5A	01	1	TQ2	C3	14B		
51482		XA327	30								P	MXRS4A	53	MXRS1B	02	1	TQ2	C2	15A	MASTER RESET BUS 1	
51485		XA327	30								J	MXRS4A	51	MXRS4A	00	1	TQ2	C2	15A	MXRS1B BUSS	
52107		XA327	31		XA327	26		16B	9			SPI1014	63	MXRS5A	01	2	TQ2	C3	15B		
50371		XA327	32									GND	51				TQ2		20B		
51481		XA327	33		XA327	30		16B	9		P	MXRS5A	52	MXRS1B	03	1	TQ2	C3	16B	MASTER RESET BUS 1	
51486		XA327	33								J	MXRS5A	51	MXRS5A	00	1	TQ2	C3	16B	MXRS1B BUSS	
51477		XA327	34		XA327	40		16B	9			MXRS00	56	MXRS4A	01	1	TQ2	C2	16A		
51508		XA327	35		XA335	33		16B	9			MXR094T	51	MXIRCC	01	1	TQ2	C4	17B		
52101		XA327	36		XA327	42		16B	9			SPI1014	57	MXRS4A	01	2	TQ2	C2	17A		
52106		XA327	37		XA327	31		16B	9			SPI1014	62	MXIRCC	01	2	TQ2	C4	18B		
51480		XA327	38		XA327	33		16B	9		P	MXRS3A	51	MXRS1B	01	1	TQ2	C1	18A	MASTER RESET BUS 1	
51484		XA327	38								J	MXRS3A	51	MXRS3A	00	1	TQ2	C1	18A	MXRS1B BUSS	
CONNECTOR		XA327	CONTINUED ON THE NEXT PAGE ****																		

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	PREFIX	CONNECTOR	PIN	IFCU	PREFIX	CONNECTOR	PIN	IFCU	MULTI GROUP	CODE	COLOR	IDENT													
51367		XA327	39			XA333	23				16B	9		MXIRC0	51	MXIRC0	00	1	TQ2	C4		19B			
51478		XA327	40											MXRS00	57	MXRS3A	01	1	TQ2	C1			19A		
51592		XA327	41											MXST20	52	MXST2A	01	1	TQ2	D3			22B		
52102		XA327	42			XA327	56				16B	9		SPI1014	58	MXRS3A	01	2	TQ2	C1			20A		
52105		XA327	43			XA327	37				16B	9		SPI1014	61	MXST2A	01	2	TQ2	D3			23B		
50372		XA327	44											GND	51				TQ2				21B		
51589		XA327	45			XA329	39				16B	9		MXST2A	51	MXST2A	00	1	TQ2	D3			24B		
50939		XA327	46											MSNC2A	53	MSNC2A	00	1	TQ2	D2			21A		
52063		XA327	47			XA329	29				16B	9		SPI1013	52	MXGN3A	01	1	TQ2	D4			25B		
50933		XA327	48			XA325	38				16B	9		MSNC1S	51	MSNC2A	01	1	TQ2	D2			22A		
52104		XA327	49			XA327	43				16B	9		SPI1014	60	MXGN3A	01	2	TQ2	D4			26B		
51203		XA327	50			XA330	42				16B	9		MXCP1B	66	MSNC2A	01	2	TQ2	D2			23A		
51349		XA327	51			XA334	78				16B	9		MXGN3A	58	MXGN3A	00	1	TQ2	D4			27B		
51353		XA327	52											MXHST0	52	MXHST0	00	1	TQ2	D1			24A		
51313		XA327	53			XA326	23				16B	9		MXED0A	53	MDCP10	01	1	TQ2	E3			28B		
51504		XA327	54			XA335	26				16B	9		MXR091T	51	MXHST0	01	1	TQ2	D1			25A		
51829		XA327	55			XA327	64				16B	9		MX000A	52	MDCP10	01	2	TQ2	E3			29B		
52103		XA327	56			XA327	49				16B	9		SPI1014	59	MXHST0	01	2	TQ2	D1			26A		
50656		XA327	57			XA329	60				16B	9		MDCP10	51	MDCP10	00	1	TQ2	E3			30B		DATA REGISTER CLOC
50373		XA327	58											GND	51				TQ2				27A		
51827		XA327	59											MXODRA	53	MDRS00	01	1	TQ2	E4			31B		
50655		XA327	60											MDCP00	56	MDCP00	00	1	TQ2	E2			28A		DATA REGISTER CLOC
51462		XA327	61			XA326	64				16B	9		MXRS0B	86	MDRS00	01	2	TQ2	E4			32B		
51312		XA327	62			XA327	53				16B	9		MXED0A	52	MDCP00	01	1	TQ2	E2			29A		
50687		XA327	63											MDRS00	53	MDRS00	00	1	TQ2	E4			33B		RESET DATA REGISTR
51830		XA327	64			XA325	72				16B	9		MX000A	53	MDCP00	01	2	TQ2	E2			30A		
51783		XA327	65											MXXDIS	53	MXXDIA	01	1	TQ2	F3			34B		
51863		XA327	66											M16MHA	53	M16MHA	00	1	TQ2	F1			31A		16 MHZ RECEIVER
50374		XA327	67											GND	51				TQ2				40A		
53578		XA327	68			XA227	68				16B	9		T16MHA	032	M16MHA	01	1	TQ2	E1			32A		CO1
51770		XA327	69			XA321	65				16B	9		MXXDIA	51	MXXDIA	00	1	TQ2	F3			35A		
52127		XA327	70			XA346	65				16B	9		SPI1014	83	M16MHA	01	2	TQ2	E1			33A		
51732		XA327	71			XA325	74				16B	9		MXXCIO	51	MXXCIA	01	1	TQ2	F2			36A		
51725		XA327	72											MXXCIA	52	MXXCIA	00	1	TQ2	F2			34A		
52125		XA327	73			XA327	78				16B	9		SPI1014	81	MXXCIA	01	2	TQ2	F2			36B		
51300		XA327	74			XA324	80				16B	9		MXEAO0	52	MXXDIA	01	2	TQ2	F3			35B		
51794		XA327	75			XA322	65				16B	9		MXXRCA	51	MXXRCA	00	1	TQ2	F1			37B		SET IOU RESET CONT
51740		XA327	76			XA323	80				16B	9		MXXCSA	51	MXXCS0	01	1	TQ2	F4			37A		
51801		XA327	77											MXXRCA	52	MXXRCA	01	1	TQ2	F1			38B		
52126		XA327	78			XA327	70				16B	9		SPI1014	82	MXXCS0	01	2	TQ2	F4			38A		
51803		XA327	79											MXXREP	52	MXXRCA	01	2	TQ2	F1			39B		
51744		XA327	80											MXXCS0	53	MXXCS0	00	1	TQ2	F4			39A		
51183		XA328	01										J	MXCP00	51	MXCP00	00	1	TQ2	A2			02B		MXCP1B BUSS
51210		XA328	01										P	MXCP00	73	MXCP1B	03	1	TQ2	A2			02B		CLOCK PHASE 1 BUS
50375		XA328	02											GND	51				TQ2				01A		
51185		XA328	03			XA328	11				16B	9		MXCP1A	52	MXCP10	01	1	TQ2	A3			02A		
51184		XA328	04			XA328	03				16B	9		MXCP1A	51	MXCP00	01	1	TQ2	A2			04A		
52097		XA328	05			XA328	13				16B	9		SPI1014	53	MXCP00	01	2	TQ2	A2			03B		
CONNECTOR		XA328	CONTINUED ON THE NEXT PAGE ***																						

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	PREFIX	CONNECTOR	PIN	PREFIX	CONNECTOR	PIN	MULTI GROUP	CODE	CO. OR												
51425		XA328	06																		
52096		XA328	07		XA328	05		168	9			MXRRSO SPI1014	52	MXRRSO	00 1	TQ2	A1		05A		
51669		XA328	08									52	MXRRSO	01 1	TQ2	A3		03A			
51209		XA328	09		XA328	01		168	9			MXXA6A MXCP10	72	MXCP1B	01 1	TQ2	A1		06A		
51211		XA328	09								P	MXCP10	51	MXCP10	00 1	TQ2	A3		04B	CLOCK PHASE 1 BUS	
51451		XA328	10		XA325	10		168	9		J	MXR50B	75	MXRRSO	01 2	TQ2	A1		04B	MXCP1B BUSS	
51186		XA328	11		XA327	15		168	9			MXCP1A	53	MXCP20	01 1	TQ2	A4		07A		
50072		XA328	12									+5V	51			TQ2		05B			
52132		XA328	13		XA327	05		168	9			SPI1014	535	MXCP20	01 2	TQ2	A4		06B		
51215		XA328	14									MXCP3A	53	MXCP3A	00 1	TQ2	B2		09A	PHASE 3 OF 2 PHASE	
51208		XA328	15		XA328	09		168	9		P	MXCP20	71	MXCP1B	02 1	TQ2	A4		07B	CLOCK PHASE 1 BUS	
51212		XA328	15								J	MXCP20	51	MXCP20	00 1	TQ2	A4		07B	MXCP1B BUSS	
50376		XA328	16									GND	51			TQ2		01B			
50961		XA328	17									MSYN10	52	MSYN1A	01 1	TQ2	B3		08B		
51850		XA328	18		XA330	34		168	9			MX1MA0	51	MXCP3A	01 1	TQ2	B2		10A		
51290		XA328	19		XA329	30		168	9			MXDV10	52	MSYN1A	01 2	TQ2	B3		09B		
51855		XA328	20									MX1MBP	53	MXCP3A	01 2	TQ2	B2		11A		
50958		XA328	21		XA325	65		168	9			MSYN1A	52	MSYN1A	00 1	TQ2	B3		10B	START DEV COMMAND	
51678		XA328	22		XA329	01		168	9			MXXBK0	53	MXXBK0	00 1	TQ2	B1		12A	I/O BYTE COUNTER	
51376		XA328	23		XA330	19		168	9			MXIR1Q	51	MXIR1A	01 1	TQ2	B4		11B		
51655		XA328	24		XA331	07		168	9			MXXA3Q	52	MXXBK0	01 1	TQ2	B1		13A		
51218		XA328	25		XA328	43		168	9			MXCP3B	53	MXIR1A	01 2	TQ2	B4		12B		
52133		XA328	26		XA330	27		168	9			SPI1015	55	MXXBK0	01 2	TQ2	B1		14A		
51374		XA328	27		XA329	26		168	9			MXIR1A	52	MXIR1A	00 1	TQ2	B4		13B		
50073		XA328	28									+5V	51			TQ2					
51513		XA328	29									MXR098T	52	MXOFRO	01 1	TQ2	C3		14B		
51278		XA328	30		XA326	40		168	9			MXDVC0	52	MXDVC0	00 1	TQ2	C2		15A		
52143		XA328	31		XA328	37		168	9			SPI1015	65	MXOFRO	01 2	TQ2	C3		15B		
50377		XA328	32									GND	51			TQ2		20B			
51841		XA328	33		XA326	34		168	9			MXOFRO	51	MXOFRO	00 1	TQ2	C3		16B		
51503		XA328	34									MXR090T	52	MXDVC0	01 1	TQ2	C2		16A		
51570		XA328	35									MXSK0A	52	MXSK00	01 1	TQ2	C4		17B		
52142		XA328	36		XA328	31		168	9			SPI1015	64	MXDVC0	01 2	TQ2	C2		17A		
52144		XA328	37		XA328	61		168	9			SPI1015	66	MXSK00	01 2	TQ2	C4		18B		
51261		XA328	38		XA333	42		168	9			MXDEVA	53	MXDEVA	00 1	TQ2	C1		18A		
51573		XA328	39									MXSK00	53	MXSK00	00 1	TQ2	C4		19B	I/O BUFFER REGISTER	
51533		XA328	40		XA330	77		168	9			KMR3CB	03	MXDEVA	01 1	TQ2	C1		19A		
51309		XA328	41		XA331	19		168	9			MXEB1Q	52	MXEB1A	01 1	TQ2	D3		22B		
52141		XA328	42		XA328	36		168	9			SPI1015	63	MXDEVA	01 2	TQ2	C1		20A		
51219		XA328	43		XA324	43		168	9			MXCP3B	54	MXEB1A	01 2	TQ2	D3		23B		
50378		XA328	44									GND	51			TQ2		21B			
51306		XA328	45		XA329	14		168	9			MXEB1A	51	MXEB1A	00 1	TQ2	D3		24B		
51575		XA328	46									MXSST0	52	MXSST0	00 1	TQ2	D2		21A		
51020		XA328	47									MXASLA	52	MXONL0	01 1	TQ2	D4		25B		
51510		XA328	48		XA335	29		168	9			MXR097T	51	MXSST0	01 1	TQ2	D2		22A		
51127		XA328	49									MXBSLA	52	MXONL0	01 2	TQ2	D4		26B		
52148		XA328	50		XA329	51		168	9			SPT1015	70	MXSST0	01 2	TQ2	D2		23A		
51845		XA328	51									MXONL0	53	MXONL0	00 1	TQ2	D4		27B	ON LINE CONTROL	
51321		XA328	52		XA333	40		168	9			MXE0B0	51	MXE0B0	00 1	TQ2	D1		24A		
51861		XA328	53		XA328	59		168	9			M16MHA	51	M16MH0	01 1	TQ2	E3		28B		
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	PREFIX	CONNECTOR	PIN	WIRE	PREFIX	CONNECTOR	PIN	WIRE	MULTI GROUP	CODE	COLOR	IDENT												
51507		XA328	54											MXR092T	52	MXE0B0	01	1	TQ2	D1		25A		
52146		XA328	55		XA328	56			16B	9				SPI1015	68	M16MH0	01	2	TQ2	F3		29B		
52147		XA328	56		XA328	50			16B	9				SPI1015	69	MXE0B0	01	2	TQ2	D1		26A		
51871		XA328	57											M16MH0	58	M16MH0	00	1	TQ2	F3		30B		
50379		XA328	58											GND	51				TQ2			27A		
51862		XA328	59		XA327	66			16B	9				M16MHA	52	M16M10	01	1	TQ2	F4		31B		
51123		XA328	60											MXBRQ0	53	MXBRQ0	00	1	TQ2	E2		28A	PORT B REQUEST	
52145		XA328	61		XA328	55			16B	9				SPI1015	67	M16M10	01	2	TQ2	F4		32B		
51119		XA328	62		XA338	57			16B	9				MXBRQA	51	MXBRQ0	01	1	TQ2	E2		29A		
51872		XA328	63		XA329	56			16B	9				M16M10	51	M16M10	00	1	TQ2	F4		33B		
52155		XA328	64		XA328	70			16B	9				SPI1015	77	MXBRQ0	01	2	TQ2	E2		30A		
50829		XA328	65											MLPT2S	53	MLTEQA	01	1	TQ2	F3		34B		
51016		XA328	66											MXARQ0	53	MXARQ0	00	1	TQ2	E1		31A	PORT A REQUEST	
50380		XA328	67											GND	51				TQ2			40A		
51012		XA328	68		XA338	59			16B	9				MXARQA	51	MXARQ0	01	1	TQ2	E1		32A		
50834		XA328	69											MLTEQA	52	MLTEQA	00	1	TQ2	F3		35A	START DATA INPUT	
52156		XA328	70		XA328	73			16B	9				SPI1015	78	MXARQ0	01	2	TQ2	E1		33A		
50686		XA328	71		XA327	63			16B	9				MDRS00	52	MDRS1A	01	1	TQ2	F2		36A		
50692		XA328	72											MDRS1A	55	MDRS1A	00	1	TQ2	F2		34A		
52157		XA328	73		XA328	79			16B	9				SPI1015	79	MDRS1A	01	2	TQ2	F2		36B		
51299		XA328	74		XA327	74			16B	9				MXEA00	51	MLTEQA	01	2	TQ2	F3		35B		
50684		XA328	75											MDRS0A	56	MDRS0A	00	1	TQ2	F1		37B		
53441		XA328	76		XA228	76			16B	9				TXADE04	01	MXADEA	01	1	TQ2	F4		37A		
50685		XA328	77		XA328	71			16B	9				MDRS00	51	MDRS0A	01	1	TQ2	F1		38B		
52159		XA328	78		XA329	80			16B	9				SPI1015	81	MXADEA	01	2	TQ2	F4		38A		
52158		XA328	79		XA328	78			16B	9				SPI1015	80	MDRS0A	01	2	TQ2	F1		39B		
50973		XA328	80											MXADEA	54	MXADEA	00	1	TQ2	F4		39A	ODD/EVEN RECEIVER	
51679		XA329	01											MXXRKO	54	MXXBQN	01	1	TDD	BN		02B		
50381		XA329	02											GND	51				TDD			01B		
52068		XA329	03		XA330	03			16B	9				SPI1013	57	MXXB00	01	1	TDD	BQ		02A		
51670		XA329	04		XA330	22			16B	9				MXXBCA	51	MXXB0P	01	1	TDD	BP		04A		
51709		XA329	05		XA331	23			16B	9				MXXB2P	51	MXXB0I	01	1	TDD	BI		03B		
51626		XA329	06		XA336	80			16B	9				MXXADA	51	MXXACP	01	1	TDD	AP		05A		
51691		XA329	07											MXXB0Q	54	MXXB0Q	00	1	TDD	BQ		03A	I/O BYTE COUNTER	
52129		XA329	08		XA331	15			16B	9				SPI1015	51	MXXACI	01	1	TDD	AI		06A		
51687		XA329	09											MXXB0P	53	MXXB0P	00	1	TDD	BP		04B		
51651		XA329	10		XA330	08			16B	9				MXXA3P	51	MXXACN	01	1	TDD	AN		07A		
51623		XA329	11											MXXACP	55	MXXACP	00	1	TDD	AP		05B		
50074		XA329	12											+5V	51				TDD					
53557		XA329	13											MXXACQ	51	MXXACQ	00	1	TDD	AQ		06B	I/O STATE COUNTER	
51307		XA329	14											MXEB1A	52	MXEB0N	01	1	TDD	DN		09A		
51450		XA329	15		XA328	10			16B	9				MXRS0B	74	MXXACQ	01	1	TDD	AQ		07B		
50382		XA329	16											GND	51				TDD			20B		
51303		XA329	17											MXEBOA	52	MXEBOQ	01	1	TDD	DQ		08B		
51331		XA329	18		XA329	24			16B	9				MXGN1A	59	MXEBOI	01	1	TDD	DI		10A		
51305		XA329	19											MXEBOQ	52	MXEBOQ	00	1	TDD	DQ		09B	FOR SYNC COUNTER	
51448		XA329	20		XA329	22			16B	9				MXRS0B	72	MXEBOQ	01	1	TDD	DP		11A		
53535		XA329	21											MXEBOQ	51	MXEBOQ	00	1	TDD	DP		10B		
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	PREFIX	CONNECTOR	PIN	PLUG	PREFIX	CONNECTOR	PIN	PLUG	MULTI GROUP	CODE	COLOR	IDENT									IPC INST. MARK	AND		
51449		XA329	22		XA329	15				16B	9			MXR50B	73	MXIROP	01	1	TDD	CP	12A			
53540		XA329	23		XA329	23								MXR50B	51	MXIROP	00	1	TDD	GP	11B			
51332		XA329	24		XA329	40				16B	9			MXGN1A	60	MXIROI	01	1	TDD	CI	13A			
51372		XA329	25											MXIROQ	52	MXIROQ	00	1	TDD	CQ	12B	ITR SYNC COUNTER		
51375		XA329	26											MXTR1A	53	MXIROI	01	1	TDD	CN	14A			
51369		XA329	27		XA333	27				16B	9			MXIROA	51	MXIROQ	01	1	TDD	CQ	13B			
50075		XA329	28											+5V	51				TDD					
52064		XA329	29		XA332	25				16B	9			SPI1013	53	MPRNTQ	01	1	TDD	FQ	14B			
51291		XA329	30		XA331	42				16B	9			MXDV10	53	MPRNTN	01	1	TDD	FN	15A			
50902		XA329	31		XA326	49				16B	9			MPRNTQ	53	MPRNTQ	00	1	TDD	FQ	15B	PRINT COMMAND F/E		
50383		XA329	32											GND	51				TDD		21B			
53484		XA329	33											M	MPRNTP	51	MPRNTP	00	1	TDD	FP	16B		
50906		XA329	34		XA327	27				16B	9			MPRNTQ	51	MPRNTI	01	1	TDD	FI	16A			
51580		XA329	35											MXSTOP	52	MXSTOP	00	1	TDD	EP	17B			
51433		XA329	36		XA331	38				16B	9			MXR50B	57	MPRNTP	01	1	TDD	FP	17A			
51581		XA329	37		XA330	40				16B	9			MXST00	51	MXST00	00	1	TDD	EQ	18B	STOP SYNC COUNTER		
52140		XA329	38		XA328	42				16B	9			SPI1015	62	MXSTOP	01	1	TDD	EP	18A			
51590		XA329	39											MXST2A	52	MXST0Q	01	1	TDD	EQ	19B			
51333		XA329	40		XA319	53				16B	9			MXGN1A	61	MXST0I	01	1	TDD	EI	19A			
52012		XA329	41		XA322	18				16B	9			SPI1005	60		01	1	TDD	HQ	22B			
51585		XA329	42		XA339	23				16B	9			MXST1A	52	MXSTON	01	1	TDD	EN	20A			
53419		XA329	43											SPO	51		00	1	TDD	HQ	23B			
50384		XA329	44											GND	51				TDD		27A			
53420		XA329	45											SPO	51		00	1	TDD	HP	24B			
51967		XA329	46		XA319	50				16B	9			SPI1003	63		01	1	TDD	HN	21A			
51758		XA329	47		XA321	72				16B	9			MXXC4P	52	MXXC4P	00	1	TDD	GP	25B			
52080		XA329	48		XA329	53				16B	9			SPI1013	71		01	1	TDD	HI	22A			
51763		XA329	49		XA323	78				16B	9			MXXC4Q	51	MXXC4Q	00	1	TDD	GQ	26B	IOU INPUT STROBE		
51991		XA329	50		XA330	29				16B	9			SPI1004	61		01	1	TDD	HP	23A			
52149		XA329	51		XA330	51				16B	9			SPI1015	71	MXXC4Q	01	1	TDD	GQ	27B			
51735		XA329	52		XA330	52				16B	9			MXXCRO	52	MXXC4P	01	1	TDD	GP	24A			
52081		XA329	53		XA330	53				16B	9			SPI1013	72	MDO59Q	01	1	TDD	KQ	28B			
51755		XA329	54		XA330	43				16B	9			MXXC3Q	51	MXXC4I	01	1	TDD	GI	25A			
50710		XA329	55		XA341	64				16B	9			MDO5BQ	52	MDO5BQ	00	1	TDD	KQ	29B			
51873		XA329	56		XA330	56				16B	9			M16MIO	52	MXXC4N	01	1	TDD	GN	26A			
53456		XA329	57											M	MDO5BP	51	MDO5BP	00	1	TDD	KP	30B		
50385		XA329	58											GND	51				TDD		40A			
51813		XA329	59		XA322	72				16B	9			MXXR2P	52	MXXR2P	00	1	TDD	JP	31B			
50657		XA329	60		XA330	72				16B	9			MDCP10	52	MDO5BN	01	1	TDD	KN	28A			
53568		XA329	61											M	MXXR2Q	51	MXXR2Q	00	1	TDD	JQ	32B	IOU REQUEST COUNTER	
51550		XA329	62		XA237	50				16B	9			KMR5CB	05	MDO5BI	01	1	TDD	KI	29A			
52154		XA329	63		XA328	64				16B	9			SPI1015	76	MXXR2Q	01	1	TDD	KQ	33B			
50688		XA329	64		XA330	73				16B	9			MGRS1A	51	MDO5BP	01	1	TDD	KP	30A			
52086		XA329	65		XA332	68				16B	9			SPI1013	77	MDO7BQ	01	1	TDD	HQ	34B			
51798		XA329	66		XA322	74				16B	9			MXXRCQ	53	MXXR2P	01	1	TDD	JP	31A			
50386		XA329	67											GND	51				TDD		40B			
51811		XA329	68											MXXR1Q	52	MXXR2I	01	1	TDD	JI	32A			
53458		XA329	69											M	MDO7BP	51	MDO7BP	00	1	TDD	MP	35A		
51870		XA329	70		XA328	57				16B	9			M16MHO	57	MXXR2N	01	1	TDD	JN	33A			
51568		XA329	71		XA237	46				16B	9			KMR7CB	06	MDO7BI	01	1	TDD	MI	36A			
CONNECTOR		XA329	CONTINUED ON THE NEXT PAGE ***																					

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	PREFIX	CONNECTOR	PIN	WIRE	PREFIX	CONNECTOR	PIN	WIRE	MULTI GROUP	CODE	COLOR												
50659		XA329	72		XA329	79		168	9				MDCP10	54	MD078N	01	1	TDD	MN		34A		
50691		XA329	73		XA328	72		168	9				MDRS1A	54	MD078P	01	1	TDD	MP		36B		
50716		XA329	74		XA341	70		168	9				MD078Q	52	MD078Q	00	1	TDD	MQ		35B	DATA REGISTER BIT	
50690		XA329	75		XA329	73		168	9				MDRS1A	53	MD068P	01	1	TDD	LP		37B		
53457		XA329	76									M	MD068P	51	MD068P	00	1	TDD	LP		37A		
51559		XA329	77		XA237	48		168	9				KMR6CB	06	MD068I	01	1	TDD	LI		38B		
50713		XA329	78		XA342	79		168	9				MD068Q	52	MD068Q	00	1	TDD	LO		38A		
50660		XA329	79										MDCP10	55	MD068N	01	1	TDD	LN		39B		
52160		XA329	80		XA330	80		168	9				SPI1015	82	MD068O	01	1	TDD	LO		39A		
51864		XA330	01		XA331	01		168	9				M16MHQ	51	MXXA2N	01	1	TDD	BN		02B		
50387		XA330	02										GND	51				TDD			01B		
52069		XA330	03		XA331	03		168	9				SPI1013	58	MXXA2Q	01	1	TDD	BQ		02A		
51621		XA330	04		XA330	06		168	9				MXXACP	53	MXXA2P	01	1	TDD	BP		04A		
51646		XA330	05		XA317	06		168	9				MXXA1Q	56	MXXA2I	01	1	TDD	BI		03B		
51622		XA330	06		XA329	11		168	9				MXXACP	54	MXXAOP	01	1	TDD	AP		05A		
51650		XA330	07										MXXA2Q	53	MXXA2Q	00	1	TDD	BQ		03A	I/O STATE COUNTER	
51652		XA330	08		XA331	09		168	9				MXXA3P	52	MXXAOP	01	1	TDD	AI		06A		
53558		XA330	09									M	MXXA2P	51	MXXA2P	00	1	TDD	BP		04B		
51866		XA330	10		XA331	10		168	9				M16MHQ	53	MXXAON	01	1	TDD	AN		07A		
51631		XA330	11		XA332	05		168	9				MXXAOP	52	MXXAOP	00	1	TDD	AP		05B		
50076		XA330	12										+5V	51				TDD					
51638		XA330	13										MXXA0Q	53	MXXA0Q	00	1	TDD	AQ		06B	I/O STATE COUNTER	
51207		XA330	14		XA328	15		168	9				MXCP18	70	MXIR1N	01	1	TDD	DN		09A		
52131		XA330	15		XA328	26		168	9				SPI1015	53	MXXA0C	01	1	TDD	AQ		07B		
50388		XA330	16										GND	51				TDD			20B		
52067		XA330	17		XA329	03		168	9				SPI1013	56	MXIR1Q	01	1	TDD	DQ		08B		
51371		XA330	18		XA329	25		168	9				MXIROO	51	MXIR1I	01	1	TDD	DI		10A		
51377		XA330	19										MXIR1Q	52	MXIR1Q	00	1	TDD	DQ		09B	ITR SYNC COUNTER	
51447		XA330	20		XA329	20		168	9				MXRSOB	71	MXIR1P	01	1	TDD	DP		11A		
53541		XA330	21									M	MXIR1P	51	MXIR1P	00	1	TDD	DP		10B		
51671		XA330	22		XA331	22		168	9				MXXBCA	52	MXXB1P	01	1	TDD	CP		12A		
51696		XA330	23		XA336	50		168	9				MXXB1P	51	MXXB1P	00	1	TDD	CP		11B		
51690		XA330	24		XA329	07		168	9				MXXB0O	53	MXXB1I	01	1	TDD	CI		13A		
51700		XA330	25										MXXB1Q	53	MXXB1Q	00	1	TDD	CQ		12B	I/O BYTE COUNTER	
51677		XA330	26		XA328	22		168	9				MXXBK0	52	MXXB1N	01	1	TDD	CN		14A		
52134		XA330	27		XA331	27		168	9				SPI1015	56	MXXB1Q	01	1	TDD	CQ		13B		
50077		XA330	28										+5V	51				TDD					
51992		XA330	29		XA322	27		168	9				SPI1004	62	MX1MBQ	01	1	TDD	FQ		14B		
51860		XA330	30										MO4M2O	53	MX1MBN	01	1	TDD	FN		15A		
51857		XA330	31										MX1MBQ	52	MX1MBQ	00	1	TDD	FQ		15B	2 PHASE CLOCK BIT	
50389		XA330	32										GND	51				TDD			21B		
51854		XA330	33		XA328	20		168	9				MX1MBP	52	MX1MBP	00	1	TDD	FP		16B		
51851		XA330	34		XA331	31		168	9				MX1MAQ	52	MX1MBI	01	1	TDD	FI		16A		
53554		XA330	35									M	MXST1P	51	MXST1P	00	1	TDD	EP		17B		
51966		XA330	36		XA329	46		168	9				SPI1003	62	MX1MBP	01	1	TDD	FP		17A		
51588		XA330	37										MXST1Q	52	MXST1Q	00	1	TDD	FQ		18B	STOP SYNC COUNTER	
52139		XA330	38		XA329	38		168	9				SPT1015	61	MXST1P	01	1	TDD	EP		18A		
52078		XA330	39		XA330	41		168	9				SPI1013	69	MXST1Q	01	1	TDD	FQ		19B		
CONNECTOR	XA330	CONTINUED ON THE NEXT PAGE										***											

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	PREFIX	CONNECTOR	PIN	IN FC	PREFIX	CONNECTOR	PIN	IN FC	MULTI GROUP	CODE	COLOR	IDENT											
51582		XA330	40		XA341	41				16B	9		MXST00	52	MXST1I	01	1	TDD	EI		19A		
52079		XA330	41		XA329	48				16B	9		SPI1013	70	MXXC30	01	1	TDD	HQ		22B		
51204		XA330	42		XA334	37				16B	9		MXCP1B	67	MXST1N	01	1	TDD	EN		20A		
51756		XA330	43										MXXC30	52	MXXC30	00	1	TDD	HQ		23B		
50390		XA330	44										GND	51				TDD			27A		
51753		XA330	45		XA323	74				16B	9		MXXC3P	51	MXXC3P	00	1	TDD	HP		24B		
51877		XA330	46										M16M10	56	MXXC3N	01	1	TDD	HN		21A		
53560		XA330	47									M	MXXC1P	51	MXXC1P	00	1	TDD	GP		25B		
51751		XA330	48		XA331	43				16B	9		MXXC2Q	53	MXXC3I	01	1	TDD	HI		22A		
51748		XA330	49										MXXC1Q	52	MXXC1Q	00	1	TDD	GQ		26B		
51737		XA330	50		XA331	50				16B	9		MXXCRO	54	MXXC3P	01	1	TDD	HP		23A		
52150		XA330	51		XA331	51				16B	9		SPI1015	72	MXXC1Q	01	1	TDD	GO		27B		
51736		XA330	52		XA330	50				16B	9		MXXCRO	53	MXXC1P	01	1	TDD	GP		24A		
52082		XA330	53		XA331	53				16B	9		SPI1013	73	MD02BQ	01	1	TDD	KQ		28B		
51745		XA330	54		XA331	49				16B	9		MXXC0Q	51	MXXC1I	01	1	TDD	GI		25A		
50701		XA330	55		XA341	79				16B	9		MD02BQ	52	MD02BQ	00	1	TDD	KQ		29B		
51874		XA330	56		XA331	56				16B	9		M16M10	53	MXXC1N	01	1	TDD	GN		26A		
53453		XA330	57									M	MD02BP	51	MD02BP	00	1	TDD	KP		30B		
50391		XA330	58										GND	51				TDD			40A		
53567		XA330	59									M	MXXR1P	51	MXXR1P	00	1	TDD	JP		31B		
50654		XA330	60		XA327	60				16B	9		MDCP00	55	MD02BN	01	1	TDD	KN		28A		
51810		XA330	61		XA329	68				16B	9		MXXR1Q	51	MXXR1Q	00	1	TDD	JQ		32B		
51527		XA330	62		XA237	47				16B	9		KMR2CB	03	MD02BI	01	1	TDD	KI		29A		
52153		XA330	63		XA329	63				16B	9		SPI1015	75	MXXR1Q	01	1	TDD	JQ		33B		
50680		XA330	64		XA331	73				16B	9		MDRSOA	52	MD02BP	01	1	TDD	KP		30A		
52085		XA330	65		XA329	65				16B	9		SPI1013	76	MD04BQ	01	1	TDD	MQ		34B		
51797		XA330	66		XA329	66				16B	9		MXXRCQ	52	MXXR1P	01	1	TDD	JP		31A		
50392		XA330	67										GND	51				TDD			40B		
51806		XA330	68		XA331	61				16B	9		MXXROQ	51	MXXR1I	01	1	TDD	JI		32A		
53455		XA330	69									M	MD04BP	51	MD04BP	00	1	TDD	MP		35A		
51869		XA330	70		XA329	70				16B	9		M16MH0	56	MXXR1N	01	1	TDD	JN		33A		
51542		XA330	71		XA237	52				16B	9		KMR4CB	04	MD04BI	01	1	TDD	MI		36A		
50658		XA330	72		XA329	72				16B	9		MDCP10	53	MD04BN	01	1	TDD	MN		34A		
50689		XA330	73		XA329	75				16B	9		MDRSIA	52	MD04BP	01	1	TDD	MP		36B		
50707		XA330	74		XA341	55				16B	9		MD04BQ	52	MD04BQ	00	1	TDD	MQ		35B		
50683		XA330	75		XA328	75				16B	9		MDRSOA	55	MD03BP	01	1	TDD	LP		37B		
53454		XA330	76									M	MD03BP	51	MD03BP	00	1	TDD	LP		37A		
51534		XA330	77		XA237	49				16B	9		KMR3CB	04	MD03BI	01	1	TDD	LI		38B		
50704		XA330	78		XA319	62				16B	9		MD03B0	52	MD03BQ	00	1	TDD	LQ		38A		
50650		XA330	79		XA331	79				16B	9		MDCPQ0	51	MD03BN	01	1	TDD	LN		39B		
52161		XA330	80		XA331	80				16B	9		SPI1015	83	MD03BQ	01	1	TDD	LQ		39A		
51865		XA331	01		XA330	10				16B	9		M16MH0	52	MXXA3N	01	1	TDD	BN		02B		
50393		XA331	02										GND	51				TDD			01B		
52070		XA331	03		XA339	03				16B	9		SPI1013	59	MXXA3Q	01	1	TDD	BQ		02A		
51620		XA331	04		XA330	04				16B	9		MXXACP	52	MXXA3P	01	1	TDD	BP		04A		
51649		XA331	05		XA330	07				16B	9		MXXA2Q	52	MXXA3I	01	1	TDD	BI		03B		
51619		XA331	06		XA331	04				16B	9		MXXACP	51	MXXA1P	01	1	TDD	AP		05A		
51656		XA331	07										MXXA3Q	53	MXXA3Q	00	1	TDD	BQ		03A	I/O STATE COUNTER	
CONNECTOR		XA331	CONTINUED ON THE NEXT PAGE ****																				

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	PREFIX	CONNECTOR	PIN	DATA	PREFIX	CONNECTOR	PIN	MULTI GROUP	CODE	COLOR	IDENT												
51637		XA331	08			XA330	13						MXXA00	52	MXXA1I	01	1	TDD	AI		06A		
51653		XA331	09										MXXA3P	53	MXXA3P	00	1	TDD	BP		04B		
51867		XA331	10			XA331	70						M16MH0	54	MXXA1N	01	1	TDD	AN		17A		
51639		XA331	11			XA336	53						MXXA1P	51	MXXA1P	00	1	TDD	AL		5B		
50078		XA331	12										+5V	51				TDD					
51645		XA331	13			XA330	05						MXXA1Q	55	MXXA1Q	00	1	TDD	AQ		06B	I/O STATE COUNTER	
51206		XA331	14			XA330	14						MXCP18	69	MXEB1N	01	1	TDD	DN		09A		
52130		XA331	15			XA330	15						SPI1015	52	MXXA1Q	01	1	TDD	AQ		07B		
50394		XA331	16										GND	51				TDD			20B		
52066		XA331	17			XA330	17						SPI1013	55	MXEB1Q	01	1	TDD	DQ		08B		
51304		XA331	18			XA329	19						MXEB0Q	51	MXEB1I	01	1	TDD	DI		10A		
51310		XA331	19										MXEB1Q	53	MXEB1Q	00	1	TDD	DQ		09B	FOR SYNC COUNTER	
51446		XA331	20			XA330	20						MXRS0B	70	MXEB1P	01	1	TDD	DP		11A		
53536		XA331	21								M		MXEB1P	51	MXEB1P	00	1	TDD	DP		10B		
51672		XA331	22			XA339	39						MXXBCA	53	MXXB2P	01	1	TDD	CP		12A		
51710		XA331	23			XA336	43						MXXB2P	52	MXXB2P	00	1	TDD	CP		11B		
51699		XA331	24			XA330	25						MXXB1Q	52	MXXB2I	01	1	TDD	CI		13A		
51715		XA331	25										MXXB2Q	52	MXXB2Q	00	1	TDD	CQ		12B		
51676		XA331	26			XA330	26						MXXBK0	51	MXXB2N	01	1	TDD	CN		14A		
52135		XA331	27			XA332	26						SPI1015	57	MXXB2Q	01	1	TDD	CQ		13B		
50079		XA331	28										+5V	51				TDD					
51965		XA331	29			XA330	36						SPI1003	61	MX1MAQ	01	1	TDD	FQ		14B		
51859		XA331	30			XA330	30						M04M70	52	MX1MAN	01	1	TDD	FN		15A		
51852		XA331	31										MX1MAQ	53	MX1MAQ	00	1	TDD	FQ		15B	2 PHASE CLK BIT 0	
50395		XA331	32										GND	51				TDD			21B		
51848		XA331	33			XA327	11						MX1MAP	51	MX1MAP	00	1	TDD	EP		16B		
51853		XA331	34			XA330	33						MX1MBP	51	MX1MAI	01	1	TDD	FI		16A		
50718		XA331	35			XA323	20						MFRMFP	51	MFRMFP	00	1	TDD	EP		17B	I/O BYTE COUNTER	
52076		XA331	36			XA331	41						SPI1013	67	MX1MAP	01	1	TDD	FP		17A		
50721		XA331	37										MFRMEQ	52	MFRMEQ	00	1	TDD	FQ		18B	FORM FEED COMMAND	
51434		XA331	38			XA333	41						MXRS0B	58	MFRMFP	01	1	TDD	EP		18A		
52138		XA331	39			XA330	38						SPI1015	60	MFRMEQ	01	1	TDD	EQ		19B		
50723		XA331	40										MFRMFO	52	MFRMFI	01	1	TDD	EI		19A		
52077		XA331	41			XA330	39						SPI1013	68	MXXC2Q	01	1	TDD	HQ		22B		
51292		XA331	42										MXDV10	54	MFRMFN	01	1	TDD	EN		20A		
51752		XA331	43										MXXC2Q	54	MXXC2Q	00	1	TDD	HQ		23B		
50396		XA331	44										GND	51				TDD			27A		
53561		XA331	45								M		MXXC2P	51	MXXC2P	00	1	TDD	HP		24B		
51876		XA331	46			XA330	46						M16M10	55	MXXC2N	01	1	TDD	HW		21A		
53559		XA331	47								M		MXXCOP	51	MXXCOP	00	1	TDD	GP		25B		
51747		XA331	48			XA330	49						MXXC1Q	51	MXXC2I	01	1	TDD	HI		22A		
51746		XA331	49										MXXC0Q	52	MXXC0Q	00	1	TDD	GQ		26B	I/O INPUT STROBE	
51738		XA331	50			XA331	52						MXXCRO	55	MXXC2P	01	1	TDD	HP		23A		
52151		XA331	51			XA331	63						SPI1015	73	MXXC0Q	01	1	TDD	GQ		27B		
51739		XA331	52										MXXCRO	56	MXXCOP	01	1	TDD	GP		24A		
52083		XA331	53			XA331	65						SPI1013	74	MDOPBQ	01	1	TDD	KQ		28B		
51757		XA331	54			XA329	47						MXXC4P	51	MXXC0I	01	1	TDD	GI		25A		
50694		XA331	55										MDOPBQ	52	MDOPBQ	00	1	TDD	KQ		29B	DATA REGISTER BIT 0	
51875		XA331	56			XA331	46						M16M10	54	MXXCON	01	1	TDD	GN		26A		
53450		XA331	57								M		MDOPBP	51	MDOPBP	00	1	TDD	KP		30B		
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	PREFIX	CONNECTOR	PIH	IN IFC	PREFIX	CONNECTOR	PIH	IN IFC	MULTI GROUP	CODE	COLOR	IDENT												IPC INST
50397		XA331	58										GND	51										
51804		XA331	59		XA322	80				168	9		MXXROP	51	MXXROP	00	1	TDD	JP			40A		
50653		XA331	60		XA330	60				168	9		MDCP00	54	MDO0BN	01	1	TDD	KN			28A		
51807		XA331	61		XA338	64				168	9		MXXRO0	52	MXXRO0	00	1	TDD	JO			32B	IOU REQUEST COUNT	
51410		XA331	62		XA237	51				168	9		KMRPCB	04	MDO0BI	01	1	TDD	KI			29A		
52152		XA331	63		XA330	63				168	9		SPI1015	74	MXXROQ	01	1	TDD	JQ			33B		
50679		XA331	64		XA330	64				168	9		MDRSOA	51	MDO0BP	01	1	TDD	KP			30A		
52084		XA331	65		XA330	65				168	9		SPI1013	75	MDO0BQ	01	1	TDD	HQ			34B		
51796		XA331	66		XA330	66				168	9		MXXRCQ	51	MXXROP	01	1	TDD	JP			31A		
50398		XA331	67										GND	51				TDD					40B	
51812		XA331	68		XA329	59				168	9		MXXR2P	51	MXXROI	01	1	TDD	JI			32A		
53452		XA331	69									M	MDO0BP	51	MDO0BP	00	1	TDD	MP			35A		
51868		XA331	70		XA330	70				168	9		M16MHO	55	MXXRON	01	1	TDD	JN			33A		
51520		XA331	71		XA237	45				168	9		KMRICB	03	MDO0BI	01	1	TDD	MI			36A		
50652		XA331	72		XA331	60				168	9		MDCP00	53	MDO0BN	01	1	TDD	MN			34A		
50681		XA331	73		XA331	75				168	9		MDRSOA	53	MDO0BP	01	1	TDD	MP			36B		
50698		XA331	74		XA319	57				168	9		MDO0BQ	52	MDO0BQ	00	1	TDD	HQ			35B		
50682		XA331	75		XA330	75				168	9		MDRSOA	54	MDO0BP	01	1	TDD	LP			37B		
53451		XA331	76									M	MDO0BP	51	MDO0BP	00	1	TDD	LP			37A		
51493		XA331	77		XA237	43				168	9		KMR0CB	04	MDO0BI	01	1	TDD	LI			38B		
50696		XA331	78										MDO0BQ	52	MDO0BQ	00	1	TDD	LQ			38A	DATA REGISTR BIT 0	
50651		XA331	79		XA331	72				168	9		MDCP00	52	MDO0BN	01	1	TDD	LN			39B		
52162		XA331	80		XA332	70				168	9		SPI1015	84	MDO0BQ	01	1	TDD	LQ			39A		
51180		XA332	01		XA336	22				168	9		MXCMAS	51	MXCA1A	01	1	TS8	A1			02B		
50399		XA332	02										GND	51				TS8				01A		
50155		XA332	03										DNW	51				TS8						
51703		XA332	04		XA340	72				168	9		MXXB10	53	MXCA1A	01	2	TS8	A1			04A		
51632		XA332	05		XA332	34				168	9		MXXA0P	53	MXCA1A	01	3	TS8	A1			03B		
51644		XA332	06		XA331	13				168	9		MXXA1Q	54	MXCA1A	01	4	TS8	A1			05A		
51411		XA332	07		XA331	62				168	9		KMRPCB	03	MXCA1A	01	5	TS8	A1			03A		
51492		XA332	08		XA331	77				168	9		KMR0CB	03	MXCA1A	01	6	TS8	A1			06A		
50156		XA332	09										DNW	51				TS8						
51514		XA332	10		XA332	46				168	9		MXR1CR	51	MXCA1A	01	7	TS8	A1			07A		
51169		XA332	11		XA336	23				168	9		MXCA1A	51	MXCA1A	00	1	TS8	A1			05B	DEV COMND BYTE 1	
50080		XA332	12										+5V	51				TS8						
51521		XA332	13		XA332	48				168	9		MXR2CR	51	MXCA1A	01	8	TS8	A1			06B		
51354		XA332	14		XA333	31				168	9		MXH50A	51	MXST20	01	1	TS8	B1			09A		
50157		XA332	15										DNW	51				TS8						
50400		XA332	16										GND	51				TS8				21B		
50158		XA332	17										DNW	51				TS8						
51577		XA332	18		XA317	11				168	9		MXSS0A	52	MXST20	01	2	TS8	B1			10A		
51018		XA332	19										MXARSA	52	MXST20	01	3	TS8	B1			09B		
51124		XA332	20		XA333	19				168	9		MXBRSA	51	MXST20	01	4	TS8	B1			11A		
50159		XA332	21										DNW	51				TS8						
51379		XA332	22										MXPRSA	52	MXST20	01	5	TS8	B1			12A		
51591		XA332	23		XA327	41				168	9		MXST20	51	MXST20	00	1	TS8	B1			11B	START MASTER RESET	
50110		XA332	24		XA433	05				168	9		DEVINH	16	MXST20	01	6	TS8	B1			13A		
52065		XA332	25		XA331	17				168	9		SPI1013	54	MXST20	01	7	TS8	B1			12B		
CONNECTOR		XA332	CONTINUED ON THE NEXT PAGE ****																					

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	PREFIX	CONNECTOR	FIN	POS	PREFIX	CONNECTOR	FIN	POS	MULTI GROUP	CODE	COLOR	IDENT											
52136		XA332	26			XA332	42			16B	9		SPI1015	58	MXST20	01	8	TS8	B1		14A		
50160		XA332	27										DNW	51				TS8					
50081		XA332	28										+5V	51				TS8					
50161		XA332	29										DNW	51				TS8					
51267		XA332	30			XA336	30			16B	9		MXDEVS	51	MXDV1A	01	1	TS8	C1			15A	
51717		XA332	31			XA333	47			16B	9		MXXB20	52	MXDV1A	01	2	TS8	C1			15B	
50401		XA332	32										GND	51				TS8				27A	
50162		XA332	33										DNW	51				TS8					
51633		XA332	34			XA336	62			16B	9		MXXAOP	54	MXDV1A	01	3	TS8	C1			16A	
51287		XA332	35			XA324	71			16B	9		MXDV1A	51	MXDV1A	00	1	TS8	C1			17B	
51643		XA332	36			XA332	06			16B	9		MXXA1Q	53	MXDV1A	01	4	TS8	C1			17A	
51496		XA332	37			XA336	75			16B	9		MXROPA	53	MXDV1A	01	5	TS8	C1			18B	
51964		XA332	38			XA331	29			16B	9		SPI1003	60	MXDV1A	01	6	TS8	C1			18A	
50163		XA332	39										DNW	51				TS8					
52075		XA332	40			XA331	36			16B	9		SPI1013	66	MXDV1A	01	7	TS8	C1			19A	
50164		XA332	41										DNW	51				TS8					
52137		XA332	42			XA331	39			16B	9		SPI1015	59	MXDV1A	01	8	TS8	C1			20A	
51489		XA332	43										MXROCR	53	MXXACO	01	1	TS8	D1			23B	
50402		XA332	44										GND	51				TS8				40A	
50165		XA332	45										DNW	51				TS8					
51515		XA332	46			XA339	46			16B	9		MXR1CR	52	MXXACO	01	2	TS8	D1			21A	
51625		XA332	47										MXXACO	52	MXXACO	00	1	TS8	D1			25B	
51522		XA332	48			XA339	45			16B	9		MXR2CR	52	MXXACO	01	3	TS8	D1			22A	
51530		XA332	49										MXR3CR	53	MXXACO	01	4	TS8	D1			26B	
51536		XA332	50			XA339	66			16B	9		MXR4CR	52	MXXACO	01	5	TS8	D1			23A	
50166		XA332	51										DNW	51				TS8					
51543		XA332	52			XA339	60			16B	9		MXR5CR	51	MXXACO	01	6	TS8	D1			24A	
50167		XA332	53										DNW	51				TS8					
51551		XA332	54			XA339	57			16B	9		MXR6CR	51	MXXACO	01	7	TS8	D1			25A	
50899		XA332	55										MPINT0	53	MPINTA	01	1	TS8	E1			29B	
51562		XA332	56										MXR7CR	53	MXXACO	01	8	TS8	D1			26A	
50168		XA332	57										DNW	51				TS8					
50403		XA332	58										GND	51				TS8					
50895		XA332	59			XA318	78			16B	9		MPINTA	51	MPINTA	00	1	TS8	E1			31B	END_DEV_COMMAND
50602		XA332	60			XA332	72			16B	9		MAE13Q	51	MPINTA	01	2	TS8	E1			28A	
50611		XA332	61			XA326	72			16B	9		MAE14P	53	MPINTA	01	3	TS8	E1			32B	
50559		XA332	62			XA320	54			16B	9		MAE00Q	51	MPINTA	01	4	TS8	E1			29A	
50169		XA332	63										DNW	51				TS8					
50564		XA332	64										MAE01P	52	MPINTA	01	5	TS8	E1			30A	
50170		XA332	65										DNW	51				TS8					
51232		XA332	66			XA333	72			16B	9		MXCP3B	67	MPINTA	01	6	TS8	E1			31A	
50404		XA332	67										GND	51				TS8					
52087		XA332	68			XA332	78			16B	9		SPI1013	78	MPINTA	01	7	TS8	E1			32A	
50171		XA332	69										DNW	51				TS8					
52163		XA332	70			XA346	63			16B	9		SPI1015	85	MPINTA	01	8	TS8	E1			33A	
50898		XA332	71			XA332	55			16B	9		MPINT0	52	MAOERA	01	1	TS8	F1			36A	
50603		XA332	72			XA326	71			16B	9		MAE13Q	52	MAOERA	01	2	TS8	F1			34A	
50610		XA332	73			XA332	61			16B	9		MAE14P	52	MAOERA	01	3	TS8	F1			36B	
50565		XA332	74			XA322	48			16B	9		MAE01Q	51	MAOERA	01	4	TS8	F1			35B	
50571		XA332	75										MAE02P	54	MAOERA	01	5	TS8	F1			37B	
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	PREFIX	CONNECTOR	PIN	PIN	PIN	WIRE	GROUP	CODE	COLOR	IDENT.												
50630		XA332	76									MAOERA	52	MAOERA	00	1	TS8	F1		37A	RESET AUTO OUTPUT	
51234		XA332	77									MXCP3B	69	MAOERA	01	6	TS8	F1		38B		
52088		XA332	78		XA334	57			16B	9		SPI1013	79	MAOERA	01	7	TS8	F1		38A		
52165		XA332	79		XA336	79			16B	9		SPI1016	51	MAOERA	01	8	TS8	F1		39B		
50172		XA332	80									DNW	51				TS8					
51362		XA333	01									MXINHR	57	MXINHS	01	1	TT3	A2		02B		
50405		XA333	02									GND	51				TT3			01B		
51445		XA333	03		XA331	20			16B	9		MXRSOB	69	MXINHS	01	2	TT3	A2		02A		
51787		XA333	04		XA340	08			16B	9		MXXDRO	51	MXXDRO	00	1	TT3	A1		04A		
51843		XA333	05		XA333	48			16B	9		MXONLO	51	MXINHS	01	3	TT3	A2		03B		
51765		XA333	06		XA325	03			16B	9		MXXDOP	51	MXXDRO	01	1	TT3	A1		05A		
51363		XA333	07		XA336	11			16B	9		MXINHS	51	MXINHS	00	1	TT3	A2		03A	DATA SEND INHIBIT	
51777		XA333	08									MXXDIP	56	MXXDRO	01	2	TT3	A1		06A		
51171		XA333	09		XA333	21			16B	9		MXCA10	51	MXDV5A	01	1	TT3	A3		04B		
51793		XA333	10									MXXDSP	55	MXXDRO	01	3	TT3	A1		07A		
51272		XA333	11									MXDEVO	53	MXDV5A	01	2	TT3	A3		05B		
50082		XA333	12									+5V	51				TT3					
51277		XA333	13		XA328	30			16B	9		MXDVCO	51	MXDV5A	01	3	TT3	A3		06B		
51093		XA333	14		XA341	36			16B	9		MXBCHOX	51	MXBRSA	01	1	TT3	B2		09A		
51294		XA333	15									MXDV5A	52	MXDV5A	00	1	TT3	A3		07B	SET DEV COMND E/E	
50406		XA333	16									GND	51				TT3			21B		
51097		XA333	17		XA341	31			16B	9		MXBENOX	51	MXBRSA	01	2	TT3	B2		08B		
51136		XA333	18									MXBSLOX	57	MXBRSA	01	3	TT3	B2		10A		
51125		XA333	19									MXBRSA	52	MXBRSA	00	1	TT3	B2		09B	PORT B IOU RESET	
51017		XA333	20		XA332	19			16B	9		MXARSA	51	MXARSA	00	1	TT3	B1		11A	PORT A IOU RESET	
51172		XA333	21		XA333	29			16B	9		MXCA10	52	MXIROA	01	1	TT3	B3		10B		
50967		XA333	22		XA342	36			16B	9		MXACMOX	51	MXARSA	01	1	TT3	B1		12A		
51368		XA333	23									MXIRCO	52	MXIROA	01	2	TT3	B3		11B		
50986		XA333	24		XA342	31			16B	9		MXAENOX	51	MXARSA	01	2	TT3	B1		13A		
51264		XA333	25									MXDEVA	56	MXIROA	01	3	TT3	B3		12B		
51029		XA333	26									MXASLOX	57	MXARSA	01	3	TT3	B1		14A		
51370		XA333	27									MXIROA	52	MXIROA	00	1	TT3	B3		13B	COMMAND IS ITR	
50083		XA333	28									+5V	51				TT3					
51173		XA333	29		XA336	27			16B	9		MXCA10	53	MXHSOA	01	1	TT3	C2		14B		
51352		XA333	30		XA327	52			16B	9		MXHSTO	51	MXHSOA	01	2	TT3	C2		15A		
51355		XA333	31									MXHSOA	52	MXHSOA	00	1	TT3	C2		15B	COMMAND IS STOP	
50407		XA333	32									GND	51				TT3			27A		
51838		XA333	33		XA336	33			16B	9		MXOFRS	53	MXODEA	01	1	TT3	C3		16B		
51263		XA333	34		XA333	25			16B	9		MXDEVA	55	MXHSOA	01	3	TT3	C2		16A		
51500		XA333	35		XA336	77			16B	9		KXROPPR	001	MXODEA	01	2	TT3	C3		17B		
51302		XA333	36		XA329	17			16B	9		MXEBOA	51	MXEBOA	00	1	TT3	C1		17A	COMMAND IS EOB	
51665		XA333	37		XA333	49			16B	9		MXXA50	53	MXODEA	01	3	TT3	C3		18B		
51175		XA333	38		XA326	37			16B	9		MXCA10	55	MXEBOA	01	1	TT3	C1		18A		
51823		XA333	39		XA323	07			16B	9		MXODEA	51	MXODEA	00	1	TT3	C3		19B	ERR DATA PARITY	
51322		XA333	40									MXEBOB	52	MXEBOA	01	2	TT3	C1		19A		
51435		XA333	41		XA333	56			16B	9		MXRSOB	59	MXINOA	01	1	TT3	D2		22B		
51262		XA333	42		XA333	34			16B	9		MXDEVA	54	MXEBOA	01	3	TT3	C1		20A		
51366		XA333	43									MXINOA	52	MXINOA	00	1	TT3	D2		23B		
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	PREFIX	CONNECTOR	PIN	REL	PREFIX	CONNECTOR	PIN	REL	MULTI GROUP	CODE	COLOR	IDENT												
50408		XA333	44										GND	51				TT3				40A		
51837		XA333	45		XA333	33			16B	9			MXQFRS	52	MX0DOA	01	1	TT3	D3			24B		
51397		XA333	46										MXRCMS	54	MXINOA	01	2	TT3	D2			21A		
51718		XA333	47		XA340	69			16B	9			MXXB20	53	MX0DOA	01	2	TT3	D3			25B		
51844		XA333	48		XA328	51			16B	9			MXONL0	52	MXINOA	01	3	TT3	D2			22A		
51666		XA333	49		XA339	75			16B	9			MXXA50	54	MX0DOA	01	3	TT3	D3			26B		
51675		XA333	50										MXXBC0	52	MXXBC0	00	1	TT3	D1			23A		
51828		XA333	51		XA327	55			16B	9			MX0DOA	51	MX0DOA	00	1	TT3	D3			27B	DEF DATA STROBE	
51393		XA333	52										MXRCMR	54	MXXBC0	01	1	TT3	D1			24A		
50518		XA333	53										MAEN2R	53	MAEN2S	01	1	TT3	E2			28B		
51398		XA333	54		XA338	52			16B	9			MXRENK	51	MXXBC0	01	2	TT3	D1			25A		
50521		XA333	55										MAEN2S	53	MAEN2S	00	1	TT3	F2			29B	PRINT COMMAND COUNT	
51436		XA333	56		XA338	50			16B	9			MXRS0B	60	MXXBC0	01	3	TT3	D1			26A		
51726		XA333	57		XA326	61			16B	9			MXXCIP	51	MXDBIO	01	1	TT3	F3			30B		
50409		XA333	58										GND	51				TT3				40B		
51776		XA333	59		XA333	08			16B	9			MXXDIP	55	MXDBIO	01	2	TT3	F3			31B		
51311		XA333	60		XA327	62			16B	9			MXED0A	51	MAEN2S	01	2	TT3	E2			28A		
51792		XA333	61		XA333	10			16B	9			MXXDSP	54	MXDBIO	01	3	TT3	F3			32B		
50915		XA333	62		XA325	73			16B	9			MPT0CA	51	MAEN2S	01	3	TT3	E2			29A		
51239		XA333	63										MXDBIO	53	MXDBIO	00	1	TT3	F3			33B	INPUT INDICATOR	
51800		XA333	64		XA327	77			16B	9			MXXRC0	51	MXXRC0	00	1	TT3	E1			30A	IOU REQUEST OR GATE	
50943		XA333	65		XA326	52			16B	9			MSNC2S	51	MSCI1A	01	1	TT3	F2			34B		
50508		XA333	66										MAEN1A	53	MXXRC0	01	1	TT3	E1			31A		
50410		XA333	67										GND	51				TT3						
50819		XA333	68		XA324	10			16B	9			MLPT1A	51	MXXRC0	01	2	TT3	E1			32A		
50590		XA333	69										MAE10P	53	MPDBCA	01	1	TT3	F3			35A		
50734		XA333	70										MINT2A	54	MXXRC0	01	3	TT3	E1			33A		
50639		XA333	71										MBUSYR	54	MSCI1A	01	2	TT3	F2			36A		
51233		XA333	72		XA332	77			16B	9			MXCP3B	68	MSCI1A	01	3	TT3	F2			34A		
50897		XA333	73		XA332	71			16B	9			MPINT0	51	MPINT0	00	1	TT3	F1			36B		
50919		XA333	74										MSCI1A	52	MSCI1A	00	1	TT3	F2			35B	REJECT NEW COMMAND	
50551		XA333	75										MAEQBR	53	MPINT0	01	1	TT3	E1			37B		
50609		XA333	76		XA332	73			16B	9			MAE14P	51	MPDBCA	01	2	TT3	F3			37A		
50887		XA333	77		XA317	38			16B	9			MPFLTP	51	MPINT0	01	2	TT3	F1			38B		
50556		XA333	78		XA321	47			16B	9			MAE00P	51	MPDBCA	01	3	TT3	F3			38A		
50912		XA333	79										MPRTOP	55	MPINT0	01	3	TT3	F1			39B		
50850		XA333	80		XA336	65			16B	9			MPDBCA	51	MPDBCA	00	1	TT3	F3			39A	SEND DATA TO PRINT	
50173		XA334	01										DNW	51				DBC						
50411		XA334	02										GND	51				DBC				01A		
52191		XA334	03		XA334	19			16B	9			SPI1012	54		01	1	DBC	A3			02B	C01	
52192		XA334	04										SPI1018	63		01	1	DBC	A1			02A	B02	
52190		XA334	05										SPI1019	56		01	1	DBC	A4			03B	B02	
52193		XA334	06		XA336	05			16B	9			SPI1016	79		01	1	DBC	A2			03A		
53421		XA334	07										SPO	51		00	1	DBC	A6			04B		
53422		XA334	08										SPD	51		00	1	DBC	A1			04A		
53423		XA334	09										SPO	51		00	1	DBC	A7			05B		
53424		XA334	10										SPO	51		00	1	DBC	A2			05A		
53425		XA334	11										SPO	51		00	1	DBC	A8			06B		
CONNECTOR	XA334	CONTINUED ON THE NEXT PAGE										****												

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RECORD NUMBER	FROM			TO			WIRE				SIGNAL	SEQ NO	EQUATION	TERM	FACTOR	CKT OR CHIP TYPE	GROUP	LOAD OR POWER PLANE	TEST POINTS AND/OR	SIGNAL DESCRIPTION	ECO NO	
	PREFIX	CONNECTOR	PIN	PREFIX	CONNECTOR	PIN	MULTI GROUP	CODE	COLOR	IDENT												
50084		XA334	12								+5V	51							08A			
53426		XA334	13								SPO	51		00	1	DBC	A4		07A			
53427		XA334	14								SPO	51		00	1	DBC	A3		06A			
53428		XA334	15								SPO	51		00	1	DBC	A9		07B			
50412		XA334	16								GND	51				DBC			01B			
53429		XA334	17								SPO	51		00	1	DBC	A5		08B			
53430		XA334	18								SPO	51		00	1	DBC	A0		09A			
52188		XA334	19		XA334	47			168	9	SPI1012	55		01	1	DBC	B3		09B		B02	
52187		XA334	20		XA334	04			168	9	SPI1018	62		01	1	DBC	B1		10A		B02	
52189		XA334	21		XA334	05			168	9	SPI1019	55		01	1	DBC	B4		10B		B02	
52186		XA334	22		XA334	06			168	9	SPI1016	72		01	1	DBC	B2		11A		B02	
53431		XA334	23								SPO	51		00	1	DBC	B6		11B			
53432		XA334	24								SPO	51		00	1	DBC	B1		12A			
53433		XA334	25								SPO	51		00	1	DBC	B7		12B			
53434		XA334	26								SPO	51		00	1	DBC	B2		13A			
53435		XA334	27								SPO	51		00	1	DBC	B3		14A			
50085		XA334	28								+5V	51				DBC			08A			
53436		XA334	29								SPO	51		00	1	DBC	B8		13B			
53437		XA334	30								SPO	51		00	1	DBC	B4		15A			
53438		XA334	31								SPO	51		00	1	DBC	B9		14B			
50413		XA334	32								GND	51				DBC			27A			
53439		XA334	33								SPO	51		00	1	DBC	B5		16A			
53440		XA334	34								SPO	51		00	1	DBC	B0		15B			
50740		XA334	35		XA335	35			168	9	MKR50A	56	MK03B5U	01	1	DBC	C5		16B			
53462		XA334	36								M	MK03B5U	51	MK03B5U	00	1	DBC	C5		17A		
51205		XA334	37		XA331	14			168	9		68	MK03B2U	01	1	DBC	C2		17B			
53459		XA334	38								M	MK03B1U	51	MK03B1U	00	1	DBC	C1		18A		REQUEST TIMER BITS
52183		XA334	39		XA336	35			168	9		69	MK03B1U	01	1	DBC	C1		18B			
51878		XA334	41									51	SPA	01	1	DBC	A5					
53460		XA334	40								M	MK03B2U	51	MK03B2U	00	1	DBC	C2		19A		
51987		XA334	41		XA335	41			168	9		57	MK03B1U	01	2	DBC	C1		19B			
53461		XA334	42								M	MK03B3U	51	MK03B3U	00	1	DBC	C3		20A		
52074		XA334	43		XA332	40			168	9		65	MK03B1U	01	3	DBC	C1		22B			
50414		XA334	44									51	GND			DBC			40B			
51963		XA334	45		XA332	38			168	9		59	MK03B1U	01	4	DBC	C1		23B			
50752		XA334	46									52	MK03B4U	00	1	DBC	C4		21A			
52182		XA334	47		XA334	61			168	9		56	MK03B3U	01	1	DBC	C3		23A		B02	
52181		XA334	48		XA334	20			168	9		61	MK03B4U	01	1	DBC	C4		22A		B02	
50746		XA334	49		XA335	49			168	9		55	MK12B5U	01	1	DBC	D5		24B			
51879		XA334	51									51	SPA	01	1	DBC	A6					
52010		XA334	50		XA335	39			168	9		58	MK03B1U	01	5	DBC	C1		24A			
50767		XA334	51									53	MK12B2U	01	1	DBC	D2		25B			
53474		XA334	52								M	MK12B5U	51	MK12B5U	00	1	DBC	D5		25A		
52008		XA334	53		XA335	53			168	9		56	MK12B1U	01	1	DBC	D1		26B			
53471		XA334	54								M	MK12B1U	51	MK12B1U	00	1	DBC	D1		26A		REQUEST TIMER BITS
51990		XA334	55		XA329	50			168	9		60	MK12B1U	01	2	DBC	D1		27B			
53472		XA334	56								M	MK12B2U	51	MK12B2U	00	1	DBC	D2		28B		
52089		XA334	57		XA335	63			168	9		80	MK12B1U	01	3	DBC	D1		29B			
50415		XA334	58									51	GND			DBC						
51960		XA334	59		XA335	57			168	9		56	MK12B1U	01	4	DBC	D1		30B			
CONNECTOR XA334 CONTINUED ON THE NEXT PAGE ****																						

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	PREFIX	CONNECTOR	PIN	OR	PREFIX	CONNECTOR	PIN	OR	MULTI GROUP	CODE	COLOR	IDENT													
51880		XA334	6T											SPA	51			01	1	DBC	A7				
53473		XA334	60										M	MK12B3U	51	MK12B3U	00	1	DBC	D3		28A			
52172		XA334	61		XA335	55				16B	9			SPI1012	57	MK12B3U	01	1	DBC	D3		31B	B02		
50772		XA334	62											MK12B4U	52	MK12B4U	00	1	DBC	D4		29A			
52173		XA334	63		XA334	66				16B	9			SPI1016	59	MK12B1U	01	5	DBC	D1		31A			
52175		XA334	64		XA334	48				16B	9			SPI1018	60	MK12B4U	01	1	DBC	D4		30A	B02		
50174		XA334	65											DNW	51					DBC					
52174		XA334	66		XA335	50				16B	9			SPI1016	60	MXS475U	01	1	DBC	F5		32B	B02		
50416		XA334	67											GND	51					DBC					
53556		XA334	68										M	MXS475U	51	MXS475U	00	1	DBC	E5		33A	I/O BUFFER REG. BIT		
51572		XA334	69		XA328	39				16B	9			MXSK00	52	MXS472U	01	1	DBC	E2		32A			
51881		XA334	7T											SPA	51					DBC	A8				
51807		XA334	70										P	MXS471U	07	KM471B	02	1	DBC	E1		34A			
64481		XA334	70										J	MXS471U	01	MXS471U	00	1	DBC	E1					
51251		XA334	71		XA319	73				16B	9			MXDB4TA	51	MXS471U	01	1	DBC	E1		33B			
51610		XA334	72										P	MXS472U	07	KM472B	02	1	DBC	E2		35A			
64482		XA334	72										J	MXS472U	01	MXS472U	00	1	DBC	E2		35A	KM472B BUSS		
51254		XA334	73											MXDB4TB	52	MXS471U	01	2	DBC	E1		34B			
51613		XA334	74										P	MXS473U	07	KM473B	02	1	DBC	E3		36A			
64483		XA334	74										J	MXS473U	01	MXS473U	00	1	DBC	E3		36A	KM473B BUSS		
51255		XA334	75		XA319	74				16B	9			MXDB4TC	51	MXS471U	01	3	DBC	E1		35B			
51616		XA334	76										P	MXS474U	07	KM474B	02	1	DBC	F4		37A			
64484		XA334	76										J	MXS474U	01	MXS474U	00	1	DBC	E4					
51258		XA334	77											MXDB4TD	52	MXS471U	01	4	DBC	E1		36B			
51350		XA334	78		XA335	78				16B	9			MXGN3A	59	MXS474U	01	1	DBC	E4		38A			
51338		XA334	79		XA335	79				16B	9			MXGN2A	54	MXS473U	01	1	DBC	E3		37B			
51882		XA334	8T											SPA	51					DBC	A9				
51323		XA334	80		XA335	80				16B	9			MXGN1A	51	MXS471U	01	5	DBC	E1		38B			
51883		XA334	9T											SPA	51					DBC	A0				
50175		XA335	01											DNW	51					DBC					
50417		XA335	02											GND	51					DBC			01A		
51546		XA335	03		XA335	19				16B	9			KMR5CB	01	MXRAF2T	01	1	DBC	A3		02B			
51563		XA335	04		XA335	20				16B	9			KMR7CB	01	MXRAF0T	01	1	DBC	A1		02A			
51535		XA335	05		XA332	50				16B	9			MXR4CR	51	MXRAF3T	01	1	DBC	A4		03B			
51554		XA335	06		XA335	22				16B	9			KMR6CB	01	MXRAF1T	01	1	DBC	A2		03A			
53547		XA335	07										M	MXRAF5T	51	MXRAF5T	00	1	DBC	A6		04B			
53542		XA335	08										M	MXRAF0T	51	MXRAF0T	00	1	DBC	A1		04A	DATA BYTE DECODER		
51386		XA335	09											MXRAF6T	53	MXRAF6T	00	1	DBC	A7		05B			
53543		XA335	10										M	MXRAF1T	51	MXRAF1T	00	1	DBC	A2		05A			
51387		XA335	11		XA327	20				16B	9			MXRAF7T	51	MXRAF7T	00	1	DBC	A8		06B			
50086		XA335	12											+5V	51					DBC			08A		
53545		XA335	13										M	MXRAF3T	51	MXRAF3T	00	1	DBC	A4		07A			
53544		XA335	14										M	MXRAF2T	51	MXRAF2T	00	1	DBC	A3		06A			
53548		XA335	15										M	MXRAF8T	51	MXRAF8T	00	1	DBC	A9		07B			
50418		XA335	16											GND	51					DBC			01B		
53546		XA335	17										M	MXRAF4T	51	MXRAF4T	00	1	DBC	A5		08B			
53549		XA335	18										M	MXRAF9T	51	MXRAF9T	00	1	DBC	A0		09A			
51547		XA335	19		XA340	60				16B	9			KMR5CB	02	MXR092T	01	1	DBC	B3		09B			
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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	IN IFCU	PREFIX	CONNECTOR	PIN	IN IFCU	MULTI GROUP	CODE	COLOR	IDEN.											
51564		XA335	20			XA339	59			16B	9		KMR7CB	02	MXR090T	01	1	DBC	B1		10A		
51539		XA335	21			XA340	66			16B	9		KMR4CB	01	MXR093T	01	1	DBC	B4		10B		
51555		XA335	22			XA339	53			16B	9		KMR6CB	02	MXR091T	01	1	DBC	B2		11A		
53551		XA335	23										MXR095T	51	MXR095T	00	1	DBC	B6		11B		
51502		XA335	24			XA328	34			16B	9		MXR090T	51	MXR090T	00	1	DBC	B1		12A	DATA BYTE DECODER	
53552		XA335	25										MXR096T	51	MXR096T	00	1	DBC	B7		12B		
51505		XA335	26										MXR091T	52	MXR091T	00	1	DBC	B2		13A		
51506		XA335	27			XA328	54			16B	9		MXR092T	51	MXR092T	00	1	DBC	B3		14A		
50087		XA335	28										+5V	51				DBC			08A		
51511		XA335	29										MXR097T	52	MXR097T	00	1	DBC	B8		13B		
53550		XA335	30										MXR093T	51	MXR093T	00	1	DBC	B4		15A		
51512		XA335	31			XA328	29			16B	9		MXR098T	51	MXR098T	00	1	DBC	B9		14B		
50419		XA335	32										GND	51				DBC			27A		
51509		XA335	33										MXR094T	52	MXR094T	00	1	DBC	B5		16A		
53553		XA335	34										MXR099T	51	MXR099T	00	1	DBC	B0		15B		
50741		XA335	35										MKR50A	57	MK06B5U	01	1	DBC	C5		16B		
53468		XA335	36										MK06B5U	51	MK06B5U	00	1	DBC	C5		17A		
50755		XA335	37			XA322	40			16B	9		MK058P	51	MK06B2U	01	1	DBC	C2		17B		
53465		XA335	38										MK06B1U	51	MK06B1U	00	1	DBC	C1		18A	REQUEST TIMER BITS	
52011		XA335	39			XA329	41			16B	9		SPI1005	59	MK06B1U	01	1	DBC	C1		18B		
51884		XA335	41										SPA	51	MXRAF4T	01	1	DBC	A5				
51885		XA335	41										SPA	51	MXR094T	01	1	DBC	B5				
53466		XA335	40										MK06B2U	51	MK06B2U	00	1	DBC	C2		19A		
51988		XA335	41			XA335	59			16B	9		SPI1004	58	MK06B1U	01	2	DBC	C1		19B		
53467		XA335	42										MK06B3U	51	MK06B3U	00	1	DBC	C3		20A		
52073		XA335	43			XA334	43			16B	9		SPI1013	64	MK06B1U	01	3	DBC	C1		22B		
50420		XA335	44										GND	51				DBC			40B		
51962		XA335	45			XA334	45			16B	9		SPI1003	58	MK06B1U	01	4	DBC	C1		23B		
50762		XA335	46										MK06B4U	52	MK06B4U	00	1	DBC	C4		21A		
52180		XA335	47			XA346	72			16B	9		SPI1012	59	MK06B3U	01	1	DBC	C3		23A		
52179		XA335	48			XA334	64			16B	9		SPI1018	59	MK06B4U	01	1	DBC	C4		22A	B02	
50747		XA335	49										MKRS1A	56	MK18B5U	01	1	DBC	D5		24B	B02	
51886		XA335	51										SPA	51	MXR095T	01	1	DBC	B6				
51887		XA335	51										SPA	51	MXRAF5T	01	1	DBC	A6				
52178		XA335	50			XA334	39			16B	9		SPI1016	64	MK06B1U	01	5	DBC	C1		24A	B02	
50775		XA335	51			XA321	34			16B	9		MK17BP	51	MK18B2U	01	1	DBC	D2		25B		
53480		XA335	52										MK18B5U	51	MK18B5U	00	1	DBC	D5		25A		
52009		XA335	53			XA334	50			16B	9		SPI1005	57	MK18B1U	01	1	DBC	D1		26B		
53477		XA335	54										MK18B1U	51	MK18B1U	00	1	DBC	D1		26A	REQUEST TIMER BITS	
52177		XA335	55			XA335	47			16B	9		SPI1012	58	MK18B1U	01	2	DBC	D1		27B	B02	
53478		XA335	56										MK18B2U	51	MK18B2U	00	1	DBC	D2		28B		
51961		XA335	57			XA335	45			16B	9		SPI1003	57	MK18B1U	01	3	DBC	D1		29B		
50421		XA335	58										GND	51				DBC					
51989		XA335	59			XA334	55			16B	9		SPI1004	59	MK18B1U	01	4	DBC	D1		30B		
51888		XA335	61										SPA	51	MXR096T	01	1	DBC	B7				
51889		XA335	61										SPA	51	MXRAF6T	01	1	DBC	A7				
53479		XA335	60										MK18B3U	51	MK18B3U	00	1	DBC	D3		28A		
52176		XA335	61			XA335	48			16B	9		SPI1018	58	MK18B3U	01	1	DBC	D3		31B	B02	
50781		XA335	62										MK18B4U	52	MK18B4U	00	1	DBC	D4		29A		
52090		XA335	63			XA341	65			16B	9		SPI1013	81	MK18B1U	01	5	DBC	D1		31A		
CONNECTOR XA335 CONTINUED ON THE NEXT PAGE ****																							

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RECORD NUMBER	FROM				TO				WIRE			SIGNAL	SEQ NO	EQUATION	TERM	FACTORY	CAT OR CHIP TYPE	GROUP	LOAD OF PWR PLANE	TEST POINTS AND/OR	SIGNAL DESCRIPTION	ECO NO	
	PREFIX	CONNECTOR	PIN	IN	PREFIX	CONNECTOR	PIN	OUT	MULTI GROUP	CODE	COLOR												IDENT
52171		XA335	64		XA334	63				168	9		SPI1016	57	MK18B4U	01	1	DBC	D4	30A		B02	
50176		XA335	65										DNW	51				DBC					
52170		XA335	66		XA335	64				168	9		SPI1016	56	MXS035U	01	1	DBC	E5	32B			
50422		XA335	67										GND	51				DBC					
53555		XA335	68									M	MXS035U	51	MXS035U	00	1	DBC	E5	33A	I/O BUFFER REG BIT		
51571		XA335	69		XA334	69				168	9		MXSK00	51	MXS032U	01	1	DBC	E2	32A			
51890		XA335	71										SPA	51	MXRAF7T	01	1	DBC	A8				
51891		XA335	71										SPA	51	MXR097T	01	1	DBC	B8				
51595		XA335	70									P	MXS031U	07	KM031B	02	1	DBC	E1	34A			
64477		XA335	70									J	MXS031U	01	MXS031U	00	1	DBC	E1		KM031B BUSS		
51243		XA335	71		XA319	55				168	9		MXDB0TA	51	MXS031U	01	1	DBC	E1	33B			
51598		XA335	72									P	MXS032U	07	KM032B	02	1	DBC	E2	35A			
64478		XA335	72									J	MXS032U	01	MXS032U	00	1	DBC	E2		KM032B BUSS		
51246		XA335	73										MXDB0TB	52	MXS031U	01	2	DBC	E1	34B			
51601		XA335	74									P	MXS033U	07	KM033B	02	1	DBC	E3	36A			
64479		XA335	74									J	MXS033U	01	MXS033U	00	1	DBC	E3		KM033B BUSS		
51247		XA335	75		XA319	60				168	9		MXDB0TC	51	MXS031U	01	3	DBC	E1	35B			
51604		XA335	76									P	MXS034U	07	KM034B	02	1	DBC	E4	37A			
64480		XA335	76									J	MXS034U	01	MXS034U	00	1	DBC	E4		KM034B BUSS		
51250		XA335	77										MXDB0TD	52	MXS031U	01	4	DBC	E1	36B			
51351		XA335	78										MXGN3A	60	MXS034U	01	1	DBC	E4	38A			
51339		XA335	79		XA345	74				168	9		MXGN2A	55	MXS033U	01	1	DBC	E3	37B			
51892		XA335	8T										SPA	51	MXRAF8T	01	1	DBC	A9				
51893		XA335	8T										SPA	51	MXR098T	01	1	DBC	B9				
51324		XA335	80		XA345	72				168	9		MXGN1A	52	MXS031U	01	5	DBC	E1	38B			
51894		XA335	9T										SPA	51	MXRAF9T	01	1	DBC	A0				
51895		XA335	9T										SPA	51	MXR099T	01	1	DBC	B0				
51444		XA336	01		XA333	03				168	9		P	MXRS1A	68	MXRS0B	02	1	TQ2	A2	02B	MASTER RESET BUS 0	
51479		XA336	01									J	MXRS1A	51	MXRS1A	00	1	TQ2	A2	02B	LXRS0B BUSS		
50423		XA336	02										GND	51				TQ2		01A			
51472		XA336	03		XA336	04				168	9		MXRS00	51	MXRS2A	01	1	TQ2	A3	02A			
51473		XA336	04		XA336	08				168	9		MXRS00	52	MXRS1A	01	1	TQ2	A2	04A			
52194		XA336	05		XA336	07				168	9		SPI1016	80	MXRS1A	01	2	TQ2	A2	03B			
51426		XA336	06									J	MXRS0A	51	MXRS0A	00	1	TQ2	A1	05A	LXRS0B BUSS		
51443		XA336	06		XA336	01				168	9		P	MXRS0A	67	MXRS0B	01	1	TQ2	A1	05A	MASTER RESET BUS 0	
52195		XA336	07		XA336	10				168	9		SPI1016	81	MXRS2A	01	2	TQ2	A3	03A			
51474		XA336	08		XA339	27				168	9		MXRS00	53	MXRS0A	01	1	TQ2	A1	06A			
51442		XA336	09		XA336	06				168	9		P	MXRS2A	66	MXRS0B	03	1	TQ2	A3	04B	MASTER RESET BUS 0	
51483		XA336	09									J	MXRS2A	51	MXRS2A	00	1	TQ2	A3	04B	LXRS0B BUSS		
52196		XA336	10		XA346	61				168	9		SPI1016	82	MXRS0A	01	2	TQ2	A1	07A			
51364		XA336	11										MXINH5	52	MXINH5	01	1	TQ2	A4	05B			
50088		XA336	12										+5V	51				TQ2					
51365		XA336	13		XA333	43				168	9		MXIN0A	51	MXINH5	01	2	TQ2	A2	06B			
51817		XA336	14										MXX04A	53	MXX04A	00	1	TQ2	B2	09A			
51361		XA336	15		XA333	01				168	9		MXINH5	56	MXINH5	00	1	TQ2	A4	07B			
50424		XA336	16										GND	51				TQ2		01B			
51316		XA336	17										MXENAR	52	MXENAS	01	1	TQ2	B3	08B			
51693		XA336	18										MXXB00	52	MXX04A	01	1	TQ2	B2	10A			
CONNECTOR	XA336	CONTINUED ON THE NEXT PAGE ****																					

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RECORD NUMBER	FROM			TO			WIRE				SIGNAL	SEQ NO	EQUATION	TERM	FACTOR	CKT OR CHIP TYPE	GROUP	LOAD OR POWER PLANE	TEST POINTS AND OR	SIGNAL DESCRIPTION	ECO NO	
	PREFIX	CONNECTOR	PIN	PREFIX	CONNECTOR	PIN	WIRE	IDENT														
50860		XA336	69									MPDBC0	59	MPDBC0	00	1	TQ2	F3		35A		
51654		XA336	70		XA328	24			16B	9		MXXA3Q	51	MXXA4A	01	2	TQ2	F1		33A		
50839		XA336	71									MPCRC A	52	MPCRCO	01	1	TQ2	F2		36A		
50843		XA336	72									MPCRCO	54	MPCRCO	00	1	TQ2	F2		34A	NOT USED	
52169		XA336	73		XA335	66			16B	9		SPI1016	55	MPCRCO	01	2	TQ2	F2		36B		
52168		XA336	74		XA336	73			16B	9		SPI1016	54	MPDBC0	01	2	TQ2	F3		35B		
51497		XA336	75		XA338	79			16B	9		MXROPA	54	MXROPA	00	1	TQ2	F1		37B	I/O INPUT REG PART	
51629		XA336	76									MXXADO	52	MXXADA	01	1	TQ2	F4		37A		
51499		XA336	77		XA237	56			16B	9		KXROPPR	003	MXROPA	01	1	TQ2	F1		38B		
52167		XA336	78		XA336	74			16B	9		SPI1016	53	MXXADA	01	2	TQ2	F4		38A		
52166		XA336	79		XA336	78			16B	9		SPI1016	52	MXROPA	01	2	TQ2	F1		39B		
51627		XA336	80									MXXADA	52	MXXADA	00	1	TQ2	F4		39A	START I/O STATE CO	
65185		XA337	01									SPP									A01	
65130		XA337	02									GND										A01
65186		XA337	03									SPP										A01
65187		XA337	04									SPP										A01
65188		XA337	05									SPP										A01
65189		XA337	06									SPP										A01
65190		XA337	07									SPP										A01
65191		XA337	08									SPP										A01
65192		XA337	09									SPP										A01
65193		XA337	10									SPP										A01
65194		XA337	11									SPP										A01
65124		XA337	12									+5V										A01
65195		XA337	13									SPP										A01
65196		XA337	14									SPP										A01
65197		XA337	15									SPP										A01
65131		XA337	16									GND										A01
65198		XA337	17									SPP										A01
65199		XA337	18									SPP										A01
65200		XA337	19									SPP										A01
65201		XA337	20									SPP										A01
65202		XA337	21									SPP										A01
65203		XA337	22									SPP										A01
65204		XA337	23									SPP										A01
65205		XA337	24									SPP										A01
65206		XA337	25									SPP										A01
65207		XA337	26									SPP										A01
65208		XA337	27									SPP										A01
65125		XA337	28									+5V										A01
65209		XA337	29									SPP										A01
65210		XA337	30									SPP										A01
65211		XA337	31									SPP										A01
65132		XA337	32									GND										A01
65212		XA337	33									SPP										A01
65213		XA337	34									SPP										A01
65214		XA337	35									SPP										A01
65215		XA337	36									SPP										A01
CONNECTOR		XA337	CONTINUED ON THE NEXT PAGE ****																			

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RECORD NUMBER	FROM			TO				WIRE				SIGNAL	SEQ NO	EQUATION	TERM FACTOR	CKT OR CHIP TYPE	LOAD OR POWER PLANE	TEST POINTS AND OR	SIGNAL DESCRIPTION	FCO NO
	PREFIX	CONNECTOR	PIN	PREFIX	CONNECTOR	PIN	SH FTG	SH FTG	SH FTG	SH FTG	SH FTG									
65216		XA337	37										SPP							A01
65217		XA337	38										SPP							A01
65218		XA337	39										SPP							A01
65219		XA337	40										SPP							A01
65220		XA337	41										SPP							A01
65221		XA337	42										SPP							A01
65222		XA337	43										SPP							A01
65133		XA337	44										GND							A01
65223		XA337	45										SPP							A01
65224		XA337	46										SPP							A01
65225		XA337	47										SPP							A01
65226		XA337	48										SPP							A01
65227		XA337	49										SPP							A01
65228		XA337	50										SPP							A01
65229		XA337	51										SPP							A01
65230		XA337	52										SPP							A01
65231		XA337	53										SPP							A01
65232		XA337	54										SPP							A01
65233		XA337	55										SPP							A01
65234		XA337	56										SPP							A01
65235		XA337	57										SPP							A01
65134		XA337	58										GND							A01
65236		XA337	59										SPP							A01
65237		XA337	60										SPP							A01
65238		XA337	61										SPP							A01
65239		XA337	62										SPP							A01
65240		XA337	63										SPP							A01
65241		XA337	64										SPP							A01
65242		XA337	65										SPP							A01
65243		XA337	66										SPP							A01
65135		XA337	67										GND							A01
65244		XA337	68										SPP							A01
65245		XA337	69										SPP							A01
65246		XA337	70										SPP							A01
65247		XA337	71										SPP							A01
65248		XA337	72										SPP							A01
65249		XA337	73										SPP							A01
65250		XA337	74										SPP							A01
65251		XA337	75										SPP							A01
65252		XA337	76										SPP							A01
65253		XA337	77										SPP							A01
65254		XA337	78										SPP							A01
65255		XA337	79										SPP							A01
65256		XA337	80										SPP							A01
51135		XA338	01										MXBSLOX	56	MXB0EA	01	1	TD4	A2	02B
50429		XA338	02			XA333	18						GND	51				TD4		01A
50177		XA338	03										DNW	51				TD4		
51359		XA338	04			XA338	08						MXINHR	54	MXB0EA	01	2	TD4	A2	04A
CONNECTOR		XA338	CONTINUED ON THE NEXT PAGE ****																	

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RECORD NUMBER	FROM				TO				WIRE				SPL INST. NO.	SIGNAL	SEQ NO	EQUATION	TERM	FACTOR	CKT OR CHIP TYPE	GROUP	LOAD OR POWER PLANE	TEST POINTS AND/OR	SIGNAL DESCRIPTION	ECO NO
	PREFIX	CONNECTOR	PIN	SH TO	PREFIX	CONNECTOR	PIN	SH TO	MULTI GROUP	CODE	COLOR	IDENT												
50109		XA338	05		XA338	10				16B	9		DEVINH	12	MXBOEA	01	3	TD4	A2		03B			
51028		XA338	06		XA333	26				16B	9		MXASLOX	56	MXAOEA	01	1	TD4	A1		05A			
51742		XA338	07		XA338	13				16B	9		MXXCSO	51	MXBOEA	01	4	TD4	A2		03A			
51360		XA338	08		XA336	15				16B	9		MXINHR	55	MXAOEA	01	2	TD4	A1		06A			
51145		XA338	09										MXBOEA	54	MXBOEA	00	1	TD4	A2		04B	PORT B DATA SEND		
50108		XA338	10		XA338	62				16B	9		DEVINH	13	MXAOEA	01	3	TD4	A1		07A			
51042		XA338	11										MXAOEA	54	MXAOEA	00	1	TD4	A1		05B	PORT B DATA SEND		
50090		XA338	12										+5V	51				TD4						
51743		XA338	13		XA327	80				16B	9		MXXCSO	52	MXAOEA	01	4	TD4	A1		06B			
51320		XA338	14										MXENAS	54	MXENAR	01	1	TD4	B2		09A			
50178		XA338	15										DNW	51				TD4						
50430		XA338	16										GND	51				TD4				20B		
50179		XA338	17										DNW	51				TD4						
51816		XA338	18		XA336	14				16B	9		MXXO4A	52	MXENAR	01	2	TD4	B2		10A			
51705		XA338	19		XA338	25				16B	9		MXXB2A	51	MXENAR	01	3	TD4	B2		09B			
51441		XA338	20		XA336	09				16B	9		MXRSOB	65	MXENAR	01	4	TD4	B2		11A			
51315		XA338	21		XA336	17				16B	9		MXENAR	51	MXENAR	00	1	TD4	B2		10B			
51182		XA338	22										MXCMAS	53	MXCMAR	01	1	TD4	B1		12A			
51178		XA338	23		XA336	24				16B	9		MXCMAR	51	MXCMAR	00	1	TD4	B1		11B			
51815		XA338	24		XA338	18				16B	9		MXXO4A	51	MXCMAR	01	2	TD4	B1		13A			
51706		XA338	25		XA336	45				16B	9		MXXB2A	52	MXCMAR	01	3	TD4	B1		12B			
51440		XA338	26		XA338	20				16B	9		MXRSOB	64	MXCMAR	01	4	TD4	B1		14A			
50180		XA338	27										DNW	51				TD4						
50091		XA338	28										+5V	51				TD4						
50181		XA338	29										DNW	51				TD4						
51269		XA338	30										MXDEVS	53	MXDEVR	01	1	TD4	C2		15A			
51680		XA338	31		XA338	38				16B	9		MXXBOA	51	MXDEVR	01	2	TD4	C2		15B			
50431		XA338	32										GND	51				TD4			21B			
51265		XA338	33		XA336	34				16B	9		MXDEVR	51	MXDEVR	00	1	TD4	C2		16B			
51720		XA338	34		XA338	40				16B	9		MXXB3A	51	MXDEVR	01	3	TD4	C2		16A			
51281		XA338	35										MXDVSR	52	MXDVSR	00	1	TD4	C1		17B			
51439		XA338	36		XA338	26				16B	9		MXRSOB	63	MXDEVR	01	4	TD4	C2		17A			
51282		XA338	37		XA336	38				16B	9		MXDVSS	51	MXDVSR	01	1	TD4	C1		18B			
51681		XA338	38		XA338	46				16B	9		MXXBOA	52	MXDVSR	01	2	TD4	C1		18A			
50182		XA338	39										DNW	51				TD4						
51721		XA338	40		XA338	48				16B	9		MXXB3A	52	MXDVSR	01	3	TD4	C1		19A			
50183		XA338	41										DNW	51				TD4						
51438		XA338	42		XA338	36				16B	9		MXRSOB	62	MXDVSR	01	4	TD4	C1		20A			
51840		XA338	43										MXOFRS	55	MXOFRR	01	1	TD4	D2		23B			
50432		XA338	44										GND	51				TD4			27A			
51835		XA338	45										MXOFRR	52	MXOFRR	00	1	TD4	D2		24B			
51682		XA338	46		XA336	52				16B	9		MXXBOA	53	MXOFRR	01	2	TD4	D2		21A			
51628		XA338	47		XA336	76				16B	9		MXXADO	51	MXXADO	00	1	TD4	D1		25B			
51722		XA338	48		XA336	51				16B	9		MXXB3A	53	MXOFRR	01	3	TD4	D2		22A			
51392		XA338	49		XA333	52				16B	9		MXRRCMR	53	MXXADO	01	1	TD4	D1		26B			
51437		XA338	50		XA338	42				16B	9		MXRSOB	61	MXOFRR	01	4	TD4	D2		23A			
50184		XA338	51										DNW	51				TD4						
51399		XA338	52		XA339	30				16B	9		MXREN	52	MXXADO	01	2	TD4	D1		24A			
50185		XA338	53										DNW	51				TD4						
51407		XA338	54										MXRPCR	53	MXXADO	01	3	TD4	D1		25A			
CONNECTOR		XA338	CONTINUED ON THE NEXT PAGE				****																	

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RECORD NUMBER	FROM			TO			WIRE			SPE. INST. MISC.	SIGNAL	SEQ. NO.	EQUATION	TERM. TYPE	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												
51586		XA339	23								MXST1A	53	MXRS00	01	1	TQ2	B4		11B		
51026		XA339	24		XA339	08			16B	9	MXASLOX	54	MXASLA	01	1	TQ2	B1		13A		
52211		XA339	25		XA339	37			16B	9	SPI1017	66	MXRS00	01	2	TQ2	B4		12B		
52210		XA339	26		XA339	25			16B	9	SPI1017	65	MXASLA	01	2	TQ2	B1		14A		
51475		XA339	27		XA327	29			16B	9	MXRS00	54	MXRS00	00	1	TQ2	B4		13B		
50093		XA339	28								+5V	51				TQ2					
51409		XA339	29		XA332	07			16B	9	KMRPCB	02	MXRPCR	01	1	TQ2	C3		14B		
51400		XA339	30		XA340	34			16B	9	MXRENR	53	MXRENR	00	1	TQ2	C2		15A		
51422		XA339	31		XA327	06			16B	9	MXRSA	61	MXRPCR	01	2	TQ2	C3		15B		
50437		XA339	32								GND	51				TQ2			20B		
51406		XA339	33		XA338	54			16B	9	MXRPCR	52	MXRPCR	00	1	TQ2	C3		16B		
51403		XA339	34		XA326	08			16B	9	MXRENS	52	MXRENR	01	1	TQ2	C2		16A		
51674		XA339	35		XA333	50			16B	9	MXXBCO	51	MXXBCA	01	1	TQ2	C4		17B		
51421		XA339	36		XA339	31			16B	9	MXRSA	60	MXRENR	01	2	TQ2	C2		17A		
52212		XA339	37		XA340	37			16B	9	SPI1017	67	MXXBCA	01	2	TQ2	C4		18B		
51391		XA339	38		XA338	49			16B	9	MXRCMR	52	MXRCMR	00	1	TQ2	C1		18A		
51673		XA339	39								MXXBCA	54	MXXBCA	00	1	TQ2	C4		19B	RESET I/O BYTE COU	
51396		XA339	40		XA333	46			16B	9	MXRCMS	53	MXRCMR	01	1	TQ2	C1		19A		
51526		XA339	41		XA330	62			16B	9	KMR2CB	02	MXR2CR	01	1	TQ2	D3		22B		
51420		XA339	42		XA339	36			16B	9	MXRSA	59	MXRCMR	01	2	TQ2	C1		20A		
51419		XA339	43		XA339	42			16B	9	MXRSA	58	MXR2CR	01	2	TQ2	D3		23B		
50438		XA339	44								GND	51				TQ2			21B		
51523		XA339	45		XA340	41			16B	9	MXR2CR	53	MXR2CR	00	1	TQ2	D3		24B		
51516		XA339	46		XA340	48			16B	9	MXR1CR	53	MXR1CR	00	1	TQ2	D2		21A		
51532		XA339	47		XA328	40			16B	9	KMR3CB	02	MXR3CR	01	1	TQ2	D4		25B		
51519		XA339	48		XA331	71			16B	9	KMR1CB	02	MXR1CR	01	1	TQ2	D2		22A		
51418		XA339	49		XA339	43			16B	9	MXRSA	57	MXR3CR	01	2	TQ2	D4		26B		
51417		XA339	50		XA339	49			16B	9	MXRSA	56	MXR1CR	01	2	TQ2	D2		23A		
51529		XA339	51		XA332	49			16B	9	MXR3CR	52	MXR3CR	00	1	TQ2	D4		27B		
51488		XA339	52		XA332	43			16B	9	MXR0CR	52	MXR0CR	00	1	TQ2	D1		24A		
51556		XA339	53		XA340	57			16B	9	KMR6CB	03	MXR6CR	01	1	TQ2	E3		28B		
51491		XA339	54		XA339	74			16B	9	KMR0CB	02	MXR0CR	01	1	TQ2	D1		25A		
51415		XA339	55		XA339	56			16B	9	MXRSA	54	MXR6CR	01	2	TQ2	E3		29B		
51416		XA339	56		XA339	50			16B	9	MXRSA	55	MXR0CR	01	2	TQ2	D1		26A		
51552		XA339	57		XA340	53			16B	9	MXR6CR	52	MXR6CR	00	1	TQ2	E3		30B		
50439		XA339	58								GND	51				TQ2			27A		
51565		XA339	59		XA340	63			16B	9	KMR7CB	03	MXR7CR	01	1	TQ2	E4		31B		
51544		XA339	60		XA340	62			16B	9	MXR5CR	52	MXR5CR	00	1	TQ2	E2		28A		
51414		XA339	61		XA339	55			16B	9	MXRSA	53	MXR7CR	01	2	TQ2	E4		32B		
51549		XA339	62		XA329	62			16B	9	KMR5CB	04	MXR5CR	01	1	TQ2	E2		29A		
51561		XA339	63		XA337	56			16B	9	MXR7CR	52	MXR7CR	00	1	TQ2	E4		33B		
51413		XA339	64		XA339	61			16B	9	MXRSA	52	MXR5CR	01	2	TQ2	E2		30A		
53442		XA339	65		XA439	74			16B	9	TXADE04	08	MXAD6A	01	1	TQ2	F3		34B		
51537		XA339	66		XA340	68			16B	9	MXR4CR	53	MXR4CR	00	1	TQ2	F1		31A		
50440		XA339	67								GND	51				TQ2			40A		
51541		XA339	68		XA330	71			16B	9	KMR4CB	03	MXR4CR	01	1	TQ2	E1		32A		
50977		XA339	69		XA336	59			16B	9	MXAD6A	51	MXAD6A	00	1	TQ2	F3		35A		
51412		XA339	70		XA339	64			16B	9	MXRSA	51	MXR4CR	01	2	TQ2	F1		33A		
51818		XA339	71		XA338	69			16B	9	MXX05A	51	MXX050	01	1	TQ2	F2		36A		
51822		XA339	72								MXX050	53	MXX050	00	1	TQ2	F2		34A		
CONNECTOR	XA339	CONTINUED ON THE NEXT PAGE ****																			

DRAWING NUMBER 149016-880 UNIT ASSEMBLY NO. 149016 REV. E INDEX XA339
 CONNECTOR UNIT ASSEMBLY NAME CARD CAGE ASSY, A, IFCU FILE IDENT T39C1FC6 DATE 09-03-82 PAGE 242

RECORD NUMBER	FROM			TO			W R E			SIGNAL	SEQ NO	EQUATION	TERM	FACTOR	CKT OR CHIP TYPE	GROUP	LOAD OR POWER PLANE	TEST POINTS AND OR	SIGNAL DESCRIPTION	FCO NO
	PREFIX	CONNECTOR	PIN	PREFIX	CONNECTOR	PIN	MULTI GROUP	CODE	LG. LON											
52222		XA339	73		XA340	73					SPI1017	77	MXA050	01	2	TQ2	F2	36B		
51558		XA339	74		XA332	08					KMROCB	025	MXAD6A	01	2	TQ2	F3	35B		
51667		XA339	75								MXXA50	55	MXXA50	00	1	TQ2	F1	37B	I/O STATE COUNTER	
50972		XA339	76		XA328	80					MXADEA	53	MXAD7A	01	1	TQ2	F4	37A		
51661		XA339	77		XA336	60					MXXA5A	51	MXXA50	01	1	TQ2	F1	38B		
51567		XA339	78		XA329	71					KMR7CB	05	MXAD7A	01	2	TQ2	F4	38A		
52221		XA339	79		XA339	73					SPI1017	76	MXXA50	01	2	TQ2	F1	39B		
50980		XA339	80								MXAD7A	52	MXAD7A	00	1	TQ2	F4	39A		
51000		XA340	01								MXAIE0	59	MXAIE0	00	1	TQ2	A2	02B	PORT A DATA RECEIV	
50441		XA340	02								GND	51				TQ2		01A		
50990		XA340	03		XA340	04					MXAIEA	52	MXAIFO	01	1	TQ2	A3	02A		
50991		XA340	04								MXAIEA	53	MXAIE0	01	1	TQ2	A2	04A		
52200		XA340	05		XA340	07					SPI1017	55	MXAIE0	01	2	TQ2	A2	03B		
51784		XA340	06		XA339	10					MXXDRA	51	MXXDRA	00	1	TQ2	A1	05A	DATA RECEIVE INHIB	
52201		XA340	07		XA339	07					SPI1017	56	MXAIFO	01	2	TQ2	A3	03A		
51788		XA340	08								MXXDRO	52	MXXDRA	01	1	TQ2	A1	06A		
51001		XA340	09		XA342	29					MXAIFO	51	MXAIFO	00	1	TQ2	A3	04B		
52199		XA340	10		XA340	05					SPI1017	54	MXXDRA	01	2	TQ2	A1	07A		
51101		XA340	11		XA339	01					MXBIEA	52	MXBIE0	01	1	TQ2	A4	05B		
50094		XA340	12								+5V	51				TQ2				
52204		XA340	13		XA339	20					SPI1017	59	MXBIE0	01	2	TQ2	A4	06B		
50664		XA340	14								MDMNCO	52	MDMNCO	00	1	TQ2	B2	09A		
51107		XA340	15		XA341	11					MXBIE0	55	MXBIE0	00	1	TQ2	A4	07B	PORT B DATA RECEIV	
50442		XA340	16								GND	51				TQ2		01B		
50668		XA340	17								MDMNDA	52	MDMNDO	01	1	TQ2	B3	08B		
50666		XA340	18								MDMNCOX	52	MDMNCO	01	1	TQ2	B2	10A		
52206		XA340	19		XA340	20					SPI1017	61	MDMNDO	01	2	TQ2	B3	09B		
52207		XA340	20		XA340	26					SPI1017	62	MDMNCO	01	2	TQ2	B2	11A		
50675		XA340	21		XA322	05					MDMNDO	51	MDMNDO	00	1	TQ2	B3	10B		
51115		XA340	22								MXBIFO	54	MXBIFO	00	1	TQ2	B1	12A		
53577		XA340	23		XA420	26					T04MHK	03	M04MZ0	01	1	TQ2	B4	11B		
51100		XA340	24		XA340	11					MXBIEA	51	MXBIFO	01	1	TQ2	B1	13A		
52209		XA340	25		XA339	26					SPI1017	64	M04MZ0	01	2	TQ2	B4	12B		
52208		XA340	26		XA340	25					SPI1017	63	MXBIE0	01	2	TQ2	B1	14A		
51858		XA340	27		XA331	30					M04MZ0	51	M04MZ0	00	1	TQ2	B4	13B	4 MHZ RECEIVER	
50095		XA340	28								+5V	51				TQ2				
51405		XA340	29		XA339	33					MXRPCR	51	MXRPCS	01	1	TQ2	C3	14B		
51402		XA340	30		XA339	34					MXRENS	51	MXRENS	00	1	TQ2	C2	15A	I/O INPUT REG ENAB	
51008		XA340	31								MXAPCB4	54	MXRPCS	01	2	TQ2	C3	15B		
50443		XA340	32								GND	51				TQ2		20B		
51408		XA340	33		XA339	29					MXRPCS	01	KMRPCB	02	1	TQ2	C3	16B		
64468		XA340	33								MXRPCS	01	MXRPCS	00	1	TQ2	C3		KMRPCB BUSS	
51401		XA340	34								MXRENR	54	MXRENS	01	1	TQ2	C2	16A		
51624		XA340	35		XA332	47					MXXACA	51	MXXACA	01	1	TQ2	C4	17B		
50981		XA340	36		XA341	33					MXAENB4	51	MXRENS	01	2	TQ2	C2	17A		
52213		XA340	37		XA341	37					SPI1017	68	MXXACA	01	2	TQ2	C4	18B		
51395		XA340	38		XA339	40					MXRCMS	52	MXRCMS	00	1	TQ2	C1	18A	I/O INPUT REG COMM	
51617		XA340	39		XA338	56					MXXACA	51	MXXACA	00	1	TQ2	C4	19B		
CONNECTOR		XA340	CONTINUED ON THE NEXT PAGE ****																	

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UNIT ASSEMBLY NAME CARD CAGE ASSY, A, IFCU

CONNECTOR

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RECORD NUMBER	FROM			TO			WIRE				SPEC INST USE	SIGNAL	SEQ NO	EQUATION	TERMS	FACTORS	CKT OR CHIP TYPE	GROUP	LOAD OF POWER PLANE	TEST POINTS		SIGNAL DESCRIPTION	ECO NO	
	PREFIX	CONNECTOR	PIN	PREFIX	CONNECTOR	PIN	MULTI GROUP	CODE	COLOR	IDENT										AND	OR			
51390		XA340	40		XA339	38						16B	9											
51524		XA340	41																					
50962		XA340	42		XA341	30						16B	9											
51053		XA340	43																					
50444		XA340	44																					
51525		XA340	45		XA339	41						16B	9											
64471		XA340	45																					
51518		XA340	46		XA339	48						16B	9											
64470		XA340	46																					
51528		XA340	47		XA339	51						16B	9											
51517		XA340	48																					
51060		XA340	49																					
51043		XA340	50		XA341	01						16B	9											
51531		XA340	51		XA339	47						16B	9											
64472		XA340	51																					
51490		XA340	52		XA339	54						16B	9											
64469		XA340	52																					
51553		XA340	53																					
51487		XA340	54		XA339	52						16B	9											
51081		XA340	55																					
51035		XA340	56																					
51557		XA340	57		XA329	77						16B	9											
64475		XA340	57																					
50445		XA340	58																					
51560		XA340	59		XA339	63						16B	9											
51548		XA340	60		XA339	62						16B	9											
64474		XA340	60																					
51088		XA340	61																					
51545		XA340	62																					
51566		XA340	63		XA339	78						16B	9											
64476		XA340	63																					
51074		XA340	64																					
51708		XA340	65																					
51540		XA340	66		XA339	68						16B	9											
64473		XA340	66																					
50446		XA340	67																					
51538		XA340	68																					
51719		XA340	69																					
51064		XA340	70		XA341	22						16B	9											
51695		XA340	71																					
51704		XA340	72																					
52223		XA340	73		XA340	74						16B	9											
52224		XA340	74		XA341	74						16B	9											
51692		XA340	75		XA336	18						16B	9											
51657		XA340	76		XA336	66						16B	9											
51684		XA340	77																					
52219		XA340	78		XA340	79						16B	9											
52220		XA340	79		XA339	79						16B	9											
51660		XA340	80																					

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 UNIT ASSEMBLY NAME CARD CAGE ASSY, A, IFCU CONNECTOR FILE IDENT T39C1FC6 DATE 09-03-82 PAGE 244

RECORD NUMBER	FROM			TO			WIRE		MULTI GROUP	CODE	COLOR	IDENT	SFC INST BUSS	SIGNAL	EQ NO	EQUATION	TERM FACTOR	CKT OR CHIP TYPE	GROUP	LOAD OR POWER PLANE	TEST POINTS AND OR	SIGNAL DESCRIPTION	EQ NO
	PREFIX	CONNECTOR	PIN	PREFIX	CONNECTOR	PIN	DATA																
51044		XA341	01		XA342	01		168	9				P	MXB1CD	52	MXA1CB4	02	1	TLD	A2	02B		
51146		XA341	01										J	MXB1CD	51	MXB1CD	00	1	TLD	A2	02B	MXA1CB4 BUSS	
50447		XA341	02											GND	51				TLD		01A		
51109		XA341	03		XA341	04		168	9					MXB1EO	57	MXB2CD	01	1	TLD	A3	02A		
51110		XA341	04		XA341	08		168	9					MXB1EO	58	MXB1CD	01	1	TLD	A2	04A		
51147		XA341	05		XA344	15		168	9					MXB1COX	51	MXB1CD	01	2	TLD	A2	03B		
51034		XA341	06		XA340	56		168	9				P	MXB0CD	53	MXA0CB4	02	1	TLD	A1	05A	PORT A/B DATA LINE	
51139		XA341	06										J	MXB0CD	51	MXB0CD	00	1	TLD	A1	05A	MXA0CB4 BUSS	
51150		XA341	07		XA344	10		168	9					MXB2COX	51	MXB2CD	01	2	TLD	A3	03A		
51111		XA341	08											MXB1EO	59	MXB0CD	01	1	TLD	A1	06A		
51052		XA341	09		XA340	43		168	9				P	MXB2CD	53	MXA2CB4	02	1	TLD	A3	04B		
51149		XA341	09										J	MXB2CD	51	MXB2CD	00	1	TLD	A3	04B	MXA2CB4 BUSS	
51140		XA341	10		XA344	09		168	9					MXB0COX	51	MXB0CD	01	2	TLD	A1	07A		
51108		XA341	11		XA341	03		168	9					MXB1EO	56	MXB3CD	01	1	TLD	A4	05B		
50096		XA341	12											+5V	51				TLD				
51153		XA341	13		XA344	03		168	9					MXB3COX	51	MXB3CD	01	2	TLD	A4	06B		
51073		XA341	14		XA340	64		168	9				P	MXB5CD	53	MXA5CB4	02	1	TLD	B2	09A		
51158		XA341	14										J	MXB5CD	51	MXB5CD	00	1	TLD	B2	09A	MXA5CB4 BUSS	
51059		XA341	15		XA340	49		168	9				P	MXB3CD	53	MXA3CB4	02	1	TLD	A4	07B		
51152		XA341	15										J	MXB3CD	51	MXB3CD	00	1	TLD	A4	07B	MXA3CB4 BUSS	
50448		XA341	16											GND	51				TLD		01B		
51106		XA341	17		XA340	15		168	9					MXB1EO	54	MXB6CD	01	1	TLD	B3	08B		
51105		XA341	18		XA341	17		168	9					MXB1EO	53	MXB5CD	01	1	TLD	B2	10A		
51162		XA341	19		XA344	40		168	9					MXB6COX	51	MXB6CD	01	2	TLD	B3	09B		
51159		XA341	20		XA344	35		168	9					MXB5COX	51	MXB5CD	01	2	TLD	B2	11A		
51080		XA341	21		XA340	55		168	9				P	MXB6CD	53	MXA6CB4	02	1	TLD	B3	10B		
51161		XA341	21										J	MXB6CD	51	MXB6CD	00	1	TLD	B3	10B	MXA6CB4 BUSS	
51065		XA341	22		XA342	22		168	9				P	MXB4CD	52	MXA4CB4	02	1	TLD	B1	12A		
51155		XA341	22										J	MXB4CD	51	MXB4CD	00	1	TLD	B1	12A	MXA4CB4 BUSS	
51103		XA341	23		XA341	24		168	9					MXB1EO	51	MXB7CD	01	1	TLD	B4	11B		
51104		XA341	24		XA341	18		168	9					MXB1EO	52	MXB4CD	01	1	TLD	B1	13A		
51165		XA341	25		XA344	30		168	9					MXB7COX	51	MXB7CD	01	2	TLD	B4	12B		
51156		XA341	26		XA344	29		168	9					MXB4COX	51	MXB4CD	01	2	TLD	B1	14A		
51087		XA341	27		XA340	61		168	9				P	MXB7CD	53	MXA7CB4	02	1	TLD	B4	13B	PORT A/B DATA LINE	
51164		XA341	27										J	MXB7CD	51	MXB7CD	00	1	TLD	B4	13B	MXA7CB4 BUSS	
50097		XA341	28											+5V	51				TLD				
51114		XA341	29		XA340	22		168	9					MXB1FO	53	MXBEND	01	1	TLD	C3	14B		
50963		XA341	30		XA342	30		168	9				P	MXBCMD	52	MXACMB4	02	1	TLD	C2	15A	PORT A/B COMMAND	
51092		XA341	30										J	MXBCMD	51	MXBCMD	00	1	TLD	C2	15A	MXACMB4 BUSS	
51098		XA341	31		XA344	56		168	9					MXBENOX	52	MXBEND	01	2	TLD	C3	15B		
50449		XA341	32											GND	51				TLD		21B		
50982		XA341	33		XA342	33		168	9				P	MXBEND	52	MXAENB4	02	1	TLD	C3	16B	PORT A/B ENABLE LT	
51096		XA341	33										J	MXBEND	51	MXBEND	00	1	TLD	C3	16B	MXAENB4 BUSS	
51113		XA341	34		XA341	29		168	9					MXB1FO	52	MXBCMD	01	1	TLD	C2	16A		
50802		XA341	35											MLPF1R	53	MLQFFD1	01	1	TLD	C4	17B		
51094		XA341	36		XA344	47		168	9					MXBCMOX	52	MXBCMD	01	2	TLD	C2	17A		
52214		XA341	37		XA341	43		168	9					SPT1017	69	MLQFFD1	01	2	TLD	C4	18B		
51007		XA341	38		XA340	31		168	9				P	MXBPCD	53	MXAPCB4	02	1	TLD	C1	18A	PORT A/B PARITY LT	
51116		XA341	38										J	MXBPCD	51	MXBPCD	00	1	TLD	C1	18A	MXAPCB4 BUSS	
50831		XA341	39		XA243	51		168	9					MLQFFD1	01	MLQFFD1	00	1	TLD	C4	19B	PRINTER FORM FEED	003
CONNECTOR		XA341	CONTINUED ON THE NEXT PAGE ****																				

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RECORD NUMBER	FROM				TO				WIRE			SPEC. POINT	SIGNAL	SEQ NO	EQUATION	TERM	FACTOR	CKT OR CRIP TYPE	GROUP	LOAD OR POWER PLANE	TEST POINTS	SIGNAL DESCRIPTION	ECO NO
	PREFIX	CONNECTOR	PIN	WIRE	PREFIX	CONNECTOR	PIN	MULTI GROUP	CODE	COLOR	IDENT												
51112		XA341	40		XA341	34			168	9			MXBIFO	51	MXBPCD	01	1	TLD	C1		19A		
51583		XA341	41										MXST0Q	53	MLPRSD1	01	1	TLD	D3		22B		
51117		XA341	42		XA344	48			168	9			MXBPCOX	51	MXBPCD	01	2	TLD	C1		20A		
52215		XA341	43		XA341	50			168	9			SPI1017	70	MLPRSD1	01	2	TLD	D3		23B		
50450		XA341	44										GND	51				TLD			27A		
50811		XA341	45		XA243	52			168	9			MLPRSD1	01	MLPRSD1	00	1	TLD	D3		24B	PRINTER RESET WHEN D03	
50788		XA341	46		XA243	48			168	9			MLPFFD1	01	MLPFFD1	00	1	TLD	D2		21A	PRINTER FORM FEED D03	
50877		XA341	47										MPQSCA	53	MLQSD1	01	1	TLD	D4		25B		
50806		XA341	48										MLPF1S	54	MLPFFD1	01	1	TLD	D2		22A		
50846		XA341	49										MPCRSA	53	MLQSD1	01	2	TLD	D4		26B		
52216		XA341	50		XA341	56			168	9			SPI1017	71	MLPFFD1	01	2	TLD	D2		23A		
50830		XA341	51		XA243	54			168	9			MLQSD1	01	MLQSD1	00	1	TLD	D4		27B	PRINTER DATA STROBD03	
50787		XA341	52		XA243	47			168	9			MLPDS01	01	MLPDS01	00	1	TLD	D1		24A	PRINTER DATA STROBD03	
50852		XA341	53		XA342	59			168	9			MPD8C0	51	MPD84D	01	1	TLD	E3		28B		
50878		XA341	54		XA323	21			168	9			MPDSC0	51	MLPDS01	01	1	TLD	D1		25A		
50708		XA341	55										MDQ4BQ	53	MPD84D	01	2	TLD	E3		29B		
52217		XA341	56		XA341	59			168	9			SPI1017	72	MLPDS01	01	2	TLD	D1		26A		
50870		XA341	57		XA250	47			168	9		P	MPD84D	02	MPD84B1	01	1	TLD	E3		30B	PRINTER DATA BIT 4	
50871		XA341	57								J	MPD84D	51	MPD84D	00	1	TLD	E3			30B	MPD84B1 BUSS	
50451		XA341	58										GND	51				TLD			40A		
52218		XA341	59		XA340	78			168	9			SPI1017	73		01	1	TLD	E4		31B		
50866		XA341	60		XA342	60			168	9		P	MPD83D	01	MPD83B1	01	1	TLD	E2		28A	PRINTER DATA BIT 3	
50868		XA341	60								J	MPD83D	51	MPD83D	00	1	TLD	E2			28A	MPD3B1 BUSS	
52092		XA341	61		XA341	78			168	9			SPI1013	85		01	2	TLD	E4		32B		
50854		XA341	62		XA341	68			168	9			MPD8C0	53	MPD83D	01	1	TLD	E2		29A		
53572		XA341	63								M	SP0001	51		00	1	TLD	E4			33B		
50711		XA341	64										MD05BQ	53	MPD83D	01	2	TLD	E2		30A		
52091		XA341	65		XA341	61			168	9			SPI1013	84		01	1	TLD	F3		34B		
50862		XA341	66		XA342	66			168	9		P	MPD81D	00	MPD81B1	01	1	TLD	E1		31A	PRINTER DATA BIT 1	
50864		XA341	66								J	MPD81D	51	MPD81D	00	1	TLD	F1			31A	MPD1B1 BUSS	
50452		XA341	67										GND	51				TLD					
50855		XA341	68		XA342	71			168	9			MPD8C0	54	MPD81D	01	1	TLD	E1		32A		
53573		XA341	69								M	SP0002	51		00	1	TLD	F3			35A		
50717		XA341	70										MD07BQ	53	MPD81D	01	2	TLD	E1		33A		
50859		XA341	71		XA336	69			168	9			MPD8C0	58	MPD87D1	01	1	TLD	F2		36A		
50874		XA341	72		XA250	53			168	9			MPD87D1	01	MPD87D1	00	1	TLD	E2		34A	PRINTER DATA BIT 7	
50697		XA341	73		XA331	74			168	9			MO01BQ	51	MPD87D1	01	2	TLD	F2		36B		
52225		XA341	74		XA341	76			168	9			SPI1017	80		01	2	TLD	F3		35B		
50873		XA341	75		XA250	51			168	9			MPD86D1	01	MPD86D1	00	1	TLD	F1		37B	PRINTER DATA BIT 6	
52226		XA341	76		XA346	78			168	9			SPI1017	81		01	1	TLD	F4		37A		
50858		XA341	77		XA341	71			168	9			MPD8C0	57	MPD86D1	01	1	TLD	F1		38B		
52093		XA341	78		XA346	66			168	9			SPI1013	86		01	2	TLD	F4		38A		
50702		XA341	79										MD02BQ	53	MPD86D1	01	2	TLD	F1		39B		
53574		XA341	80								M	SP0003	51		00	1	TLD	F4			39A		
51045		XA342	01		XA346	10			168	9		P	MXA1CD	53	MXA1CB4	01	1	TLD	A2		02B		
51047		XA342	01								J	MXA1CD	51	MXA1CD	00	1	TLD	A2			02B	MXA1CB4 BUSS	
50453		XA342	02										GND	51				TLD			01A		
50999		XA342	03		XA340	01			168	9			MXA1E0	58	MXA2CD	01	1	TLD	A3		02A		
CONNECTOR		XA342	CONTINUED ON THE NEXT PAGE ****																				

DRAWING NUMBER 149016-880 UNIT ASSEMBLY NO. 149016 REV. E INDEX XA342
 CONNECTOR
 UNIT ASSEMBLY NAME CARD CAGE ASSY. A, IFCU FILE IDENT T39C1FC6 DATE 09-03-82 PAGE 246

RECORD NUMBER	FROM			TO				WIRE			SIGNAL	SEQ NO	EQUATION	TERM	FACT	CKT OR CHIP TYPE	LOAD OR POWER PLANE	TEST POINTS (AND OR)	SIGNAL DESCRIPTION	ECO NO
	PREFIX	CONNECTOR	PIN	PREFIX	CONNECTOR	PIN	MULTI GROUP	CODE	COLOR	IDEN.										
50998		XA342	04		XA342	03			168	9		MXAIEO	57	MXA1CD	01	1	TLD	A2	04A	
51048		XA342	05		XA345	15			168	9		MXA1COX	51	MXA1CD	01	2	TLD	A2	03B	
51033		XA342	06		XA341	06			168	9		MXA0CD	52	MXA0CB4	01	1	TLD	A1	05A	PORT A/B DATA LINE
51036		XA342	06								J	MXA0CD	51	MXA0CD	00	1	TLD	A1	05A	MXA0CB4 BUSS
51055		XA342	07		XA345	10			168	9		MXA2COX	51	MXA2CD	01	2	TLD	A3	03A	
50997		XA342	08		XA342	04			168	9		MXAIEO	56	MXA0CD	01	1	TLD	A1	06A	
51051		XA342	09		XA341	09			168	9		MXA2CD	52	MXA2CB4	01	1	TLD	A3	04B	
51054		XA342	09								J	MXA2CD	51	MXA2CD	00	1	TLD	A3	04B	MXA2CB4 BUSS
51037		XA342	10		XA345	09			168	9		MXA0COX	51	MXA0CD	01	2	TLD	A1	07A	
50996		XA342	11		XA342	08			168	9		MXAIEO	55	MXA3CD	01	1	TLD	A4	05B	
50098		XA342	12									+5V	51				TLD			
51062		XA342	13		XA345	03			168	9		MXA3COX	51	MXA3CD	01	2	TLD	A4	06B	
51072		XA342	14		XA341	14			168	9		MXA5CD	52	MXA5CB4	01	1	TLD	B2	09A	
51075		XA342	14								J	MXA5CD	51	MXA5CD	00	1	TLD	B2	09A	MXA5CB4 BUSS
51058		XA342	15		XA341	15			168	9		MXA3CD	52	MXA3CB4	01	1	TLD	A4	07B	
51061		XA342	15								J	MXA3CD	51	MXA3CD	00	1	TLD	A4	07B	MXA3CB4 BUSS
50454		XA342	16									GND	51				TLD		01B	
50995		XA342	17		XA342	11			168	9		MXAIEO	54	MXA6CD	01	1	TLD	B3	08B	
50994		XA342	18		XA342	17			168	9		MXAIEO	53	MXA5CD	01	1	TLD	B2	10A	
51083		XA342	19		XA345	40			168	9		MXA6COX	51	MXA6CD	01	2	TLD	B3	09B	
51076		XA342	20		XA345	35			168	9		MXA5COX	51	MXA5CD	01	2	TLD	B2	11A	
51079		XA342	21		XA341	21			168	9		MXA6CD	52	MXA6CB4	01	1	TLD	B3	10B	
51082		XA342	21								J	MXA6CD	51	MXA6CD	00	1	TLD	B3	10B	MXA6CB4 BUSS
51066		XA342	22		XA346	09			168	9		MXA4CD	53	MXA4CB4	01	1	TLD	B1	12A	
51068		XA342	22								J	MXA4CD	51	MXA4CD	00	1	TLD	B1	12A	MXA4CB4 BUSS
50992		XA342	23		XA342	24			168	9		MXAIEO	51	MXA7CD	01	1	TLD	B4	11B	
50993		XA342	24		XA342	18			168	9		MXAIEO	52	MXA4CD	01	1	TLD	B1	13A	
51090		XA342	25		XA345	30			168	9		MXA7COX	51	MXA7CD	01	2	TLD	B4	12B	
51069		XA342	26		XA345	29			168	9		MXA4COX	51	MXA4CD	01	2	TLD	B1	14A	
51086		XA342	27		XA341	27			168	9		MXA7CD	52	MXA7CB4	01	1	TLD	B4	13B	PORT A/B DATA LINE
51089		XA342	27								J	MXA7CD	51	MXA7CD	00	1	TLD	B4	13B	MXA7CB4 BUSS
50099		XA342	28									+5V	51				TLD			
51002		XA342	29		XA342	34			168	9		MXAIF0	52	MXAEND	01	1	TLD	C3	14B	
50964		XA342	30		XA346	17			168	9		MXACMD	53	MXACMB4	01	1	TLD	C2	15A	PORT A/B ENABLE LT
50966		XA342	30								J	MXACMD	51	MXACMD	00	1	TLD	C2	15A	MXACMB4 BUSS
50987		XA342	31		XA345	56			168	9		MXAENOX	52	MXAEND	01	2	TLD	C3	15B	
50455		XA342	32									GND	51				TLD		21B	
50983		XA342	33		XA346	19			168	9		MXAEND	53	MXAENB4	01	1	TLD	C3	16B	
50985		XA342	33								J	MXAEND	51	MXAEND	00	1	TLD	C3	16B	MXAENB4 BUSS
51003		XA342	34		XA342	40			168	9		MXAIEO	53	MXACMD	01	1	TLD	C2	16A	
51579		XA342	35		XA329	35			168	9		MXSTOP	51	MLQRS01	01	1	TLD	C4	17B	
50968		XA342	36		XA345	47			168	9		MXACMOX	52	MXACMD	01	2	TLD	C2	17A	
52198		XA342	37		XA340	10			168	9		SP11017	53	MLQRS01	01	2	TLD	C4	18B	
51006		XA342	38		XA341	38			168	9		MXAPCD	52	MXAPCB4	01	1	TLD	C1	18A	PORT A/B PARITY LT
51009		XA342	38								J	MXAPCD	51	MXAPCD	00	1	TLD	C1	18A	MXAPCB4 BUSS
50832		XA342	39		XA243	53			168	9		MLQRS01	01	MLQRS01	00	1	TLD	C4	19B	PRINTER RESET WHE 003
51004		XA342	40									MXAIF0	54	MXAPCD	01	1	TLD	C1	19A	
53444		XA342	41		XA342	54			168	9		TXADE04	06	MXBR6D1	01	1	TLD	D3	22B	
51010		XA342	42		XA345	48			168	9		MXAPCOX	51	MXAPCD	01	2	TLD	C1	20A	
51121		XA342	43		XA342	49			168	9		MXBRQ0	51	MXBR6D1	01	2	TLD	D3	23B	
CONNECTOR		XA342	CONTINUED ON THE NEXT PAGE ****																	

DRAWING NUMBER 149016-880 UNIT ASSEMBLY NO. 149016 REV. E INDEX XA342
 UNIT ASSEMBLY NAME CARD CAGE ASSY, A, IFCU CONNECTOR FILE IDENT T39C1FC6 DATE 09-03-82 PAGE 247
 CARD CAGE ASSY, A, IFCU T39C1FC6 09-03-82 247

RECORD NUMBER	FROM				TO				WIRE				SIGNAL	SEQ NO	EQUATION	TER	FACTOR	CMT OR CHIP TYPE	GROUP	LOAD OR POWER PLANE	TEST POINTS AND/OR	SIGNAL DESCRIPTION	ECO NO
	PREFIX	CONNECTOR	PIN	WIRE NO	PREFIX	CONNECTOR	PIN	WIRE NO	MULTI GROUP	CODE	COLOR	IDENT											
50456		XA342	44										GND	51			TLD				27A		
53515		XA342	45										MXBR6D1	02	MXBR6D1	00	1	TLD	D3		24B	PORT B REQUEST EVN	
53491		XA342	46										MXAR7D1	02	MXAR7D1	00	1	TLD	D2		21A	PORT A REQUEST ODD	
50971		XA342	47			XA339	76			16B	9		MXADEA	52	MXBR7D1	00	1	TLD	D4		25B		
50970		XA342	48			XA342	47			16B	9		MXADEA	51	MXAR7D1	01	1	TLD	D2		22A		
51122		XA342	49			XA328	60			16B	9		MXBRQ0	52	MXBR7D1	01	2	TLD	D4		26B		
51014		XA342	50			XA342	56			16B	9		MXARQ0	51	MXAR7D1	01	2	TLD	D2		23A	PORT B REQUEST ODD	
53516		XA342	51										MXBR7D1	02	MXBR7D1	00	1	TLD	D4		27B	PORT A REQUEST EVN	
53490		XA342	52										MXAR6D1	02	MXAR6D1	00	1	TLD	D1		24A		
50840		XA342	53			XA342	62			16B	9		MPCRC0	51	MPCR4D	01	1	TLD	E3		28B		
53443		XA342	54			XA339	65			16B	9		TXADE04	07	MXAR6D1	01	1	TLD	D1		25A		
52234		XA342	55			XA335	61			16B	9		SPI1018	57	MPCR4D	01	2	TLD	E3		29B		
51015		XA342	56			XA328	66			16B	9		MXARQ0	52	MXAR6D1	01	2	TLD	D1		26A		
50849		XA342	57										MPCR4D	51	MPCR4D	00	1	TLD	E3		30B	MPDB4B1 BUSS	
50869		XA342	57			XA341	57			16B	9		MPCR4D	01	MPDB4B1	02	1	TLD	E3		30B	PRINTER DATA BIT 4	
50457		XA342	58										GND	51			TLD				40A		
50853		XA342	59			XA341	62			16B	9		MPDBC0	52	MPDBPD1	01	1	TLD	E4		31B		
50848		XA342	60										MPCR3D	51	MPCR3D	00	1	TLD	E2		28A	MPDB3B1 BUSS	
50867		XA342	60			XA250	45			16B	9		MPCR3D	02	MPDB3B1	02	1	TLD	E2		28A	PRINTER DATA BIT 3	
50693		XA342	61			XA331	55			16B	9		MD0PBQ	51	MPDBPD1	01	2	TLD	E4		32B		
50841		XA342	62			XA342	68			16B	9		MPCRC0	52	MPCR3D	01	1	TLD	E2		29A		
50861		XA342	63			XA250	55			16B	9		MPDBPD1	01	MPDBPD1	00	1	TLD	E4		33B	PRINTER DATA BIT P	
52233		XA342	64			XA342	55			16B	9		SPI1018	56	MPCR3D	01	2	TLD	E2		30A		
52238		XA342	65			XA334	21			16B	9		SPI1019	54		01	1	TLD	E3		34B		
50847		XA342	66										MPCR1D	51	MPCR1D	00	1	TLD	E1		31A	MPDB1B1 BUSS	
50863		XA342	66			XA250	41			16B	9		MPCR1D	01	MPDB1B1	02	1	TLD	E1		31A	PRINTER DATA BIT 1	
50458		XA342	67										GND	51			TLD						
50842		XA342	68			XA336	72			16B	9		MPCRC0	53	MPCR1D	01	1	TLD	E1		32A		
53575		XA342	69										SP0004	51		00	1	TLD	F3		35A		
52232		XA342	70			XA342	64			16B	9		SPI1018	55	MPCR1D	01	2	TLD	F1		33A		
50856		XA342	71			XA342	77			16B	9		MPDBC0	55	MPDB5D1	01	1	TLD	F2		36A		
50872		XA342	72			XA250	49			16B	9		MPDB5D1	01	MPDB5D1	00	1	TLD	E2		34A	PRINTER DATA BIT 5	
50703		XA342	73			XA330	78			16B	9		MD03BQ	51	MPDB5D1	01	2	TLD	F2		36B		
52231		XA342	74			XA342	70			16B	9		SPI1018	54		01	2	TLD	F3		35B		
50865		XA342	75			XA250	43			16B	9		MPDB2D1	01	MPDB2D1	01	1	TLD	F1		37B	PRINTER DATA BIT 2	
52237		XA342	76			XA342	65			16B	9		SPI1019	53		01	1	TLD	F4		37A		
50857		XA342	77			XA341	77			16B	9		MPDBC0	56	MPDB2D1	01	1	TLD	F1		38B		
52230		XA342	78			XA342	74			16B	9		SPI1018	53		01	2	TLD	F4		38A		
50714		XA342	79										MD06BQ	53	MPDB2D1	01	2	TLD	F1		39B		
53576		XA342	80										SP0005	51		00	1	TLD	E4		39A		
65257		XA343	01										SPP									A01	
65136		XA343	02										GND									A01	
65258		XA343	03										SPP									A01	
65259		XA343	04										SPP									A01	
65260		XA343	05										SPP									A01	
65261		XA343	06										SPP									A01	
65262		XA343	07										SPP									A01	
65263		XA343	08										SPP									A01	
CONNECTOR		XA343	CONTINUED ON THE NEXT PAGE ***																				

DRAWING NUMBER 149016-880

UNIT ASSEMBLY NO. 149016

REV. E

INDEX XA343

UNIT ASSEMBLY NAME CARD CAGE ASSY, A, IFCU

CONNECTOR

FILE IDENT

T39C1FC6

DATE 09-03-82

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RECORD NUMBER	FROM			TO			WIRE			SIGNAL	SEC NO	EQUATION	TERM FACTOR	CKT OR CHIP TYPE	LOAD OR POWER PLANE	TEST POINTS	SIGNAL DESCRIPTION	ECO NO
	PREFIX	CONNECTOR	PIN	PREFIX	CONNECTOR	PIN	SH ELS	MULTI GROUP	CODE									
65264		XA343	09															A01
65265		XA343	10															A01
65266		XA343	11															A01
65126		XA343	12															A01
65267		XA343	13															A01
65268		XA343	14															A01
65269		XA343	15															A01
65137		XA343	16															A01
65270		XA343	17															A01
65271		XA343	18															A01
65272		XA343	19															A01
65273		XA343	20															A01
65274		XA343	21															A01
65275		XA343	22															A01
65276		XA343	23															A01
65277		XA343	24															A01
65278		XA343	25															A01
65279		XA343	26															A01
65280		XA343	27															A01
65127		XA343	28															A01
65281		XA343	29															A01
65282		XA343	30															A01
65283		XA343	31															A01
65138		XA343	32															A01
65284		XA343	33															A01
65285		XA343	34															A01
65286		XA343	35															A01
65287		XA343	36															A01
65288		XA343	37															A01
65289		XA343	38															A01
65290		XA343	39															A01
65291		XA343	40															A01
65292		XA343	41															A01
65293		XA343	42															A01
65294		XA343	43															A01
65139		XA343	44															A01
65295		XA343	45															A01
65296		XA343	46															A01
65297		XA343	47															A01
65298		XA343	48															A01
65299		XA343	49															A01
65300		XA343	50															A01
65301		XA343	51															A01
65302		XA343	52															A01
65303		XA343	53															A01
65304		XA343	54															A01
65305		XA343	55															A01
65306		XA343	56															A01
65307		XA343	57															A01
65140		XA343	58															A01
CONNECTOR XA343 CONTINUED ON THE NEXT PAGE ****																		

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 UNIT ASSEMBLY NAME CARD CAGE ASSY, A, IFCU CONNECTOR FILE IDENT T39C1FC6 DATE 09-03-82 PAGE 249

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	DR TO	MULTI GROUP	CODE	COLOR	IDENT												
65308		XA343	59										SPP										A01
65309		XA343	60										SPP										A01
65310		XA343	61										SPP										A01
65311		XA343	62										SPP										A01
65312		XA343	63										SPP										A01
65313		XA343	64										SPP										A01
65314		XA343	65										SPP										A01
65315		XA343	66										SPP										A01
65141		XA343	67										GND										A01
65316		XA343	68										SPP										A01
65317		XA343	69										SPP										A01
65318		XA343	70										SPP										A01
65319		XA343	71										SPP										A01
65320		XA343	72										SPP										A01
65321		XA343	73										SPP										A01
65322		XA343	74										SPP										A01
65323		XA343	75										SPP										A01
65324		XA343	76										SPP										A01
65325		XA343	77										SPP										A01
65326		XA343	78										SPP										A01
65327		XA343	79										SPP										A01
65328		XA343	80										SPP										A01
53530		XA344	01									J	MXB3CDX	01	MXB3CDX	00	1	DCF	A7		02A	MB03BB BUSS	
64461		XA344	01									P	MXB3CDX	03	MB03BB	02	1	DCF	A7		02A		A01
53598		XA344	02										MB03BBR	03				DCF			01A		
65543		XA344	02										GND	01				DCF			01A		A02
51154		XA344	03										MXB3COX	52	MXB3COX	00	1	DCF	A8		03A		
51603		XA344	04			XA335	76			16B	9		KM034B	06	MXB3COX	01	1	DCF	A8		04A		
53595		XA344	05										MB00BBR	03				DCF					
51144		XA344	06			XA338	09			16B	9		MXB0EA	53	MXB0CDX	01	1	DCF	A1		05A		
53519		XA344	06									M	MXB0EA	51	MXB3CDX	01	1	DCF	A7		05A		
53520		XA344	06									M	MXB0EA	51	MXB1CDX	01	1	DCF	A3		05A		
53521		XA344	06									M	MXB0EA	51	MXB2CDX	01	1	DCF	A5		05A		
53518		XA344	07									J	MXB0CDX	01	MXB0CDX	00	1	DCF	A1		02B	MB00BB BUSS	
64458		XA344	07										MXB0CDX	03	MB00BB	02	1	DCF	A1		02B		A01
51600		XA344	08			XA335	74			16B	9		KM033B	06	MXB2COX	01	1	DCF	A6		06A		
51141		XA344	09										MXB0COX	52	MXB0COX	00	1	DCF	A2		03B		
51151		XA344	10										MXB2COX	52	MXB2COX	00	1	DCF	A6		07A		
51594		XA344	11			XA335	70			16B	9		KM031B	06	MXB0COX	01	1	DCF	A2		04B		
50100		XA344	12										+5V	51				DCF			08A		
51597		XA344	13			XA335	72			16B	9		KM032B	06	MXB1COX	01	1	DCF	A4		05B		
53529		XA344	14									J	MXB2CDX	01	MXB2CDX	00	1	DCF	A5		08B	MB02BB BUSS	
64460		XA344	14									P	MXB2CDX	03	MB02BB	02	1	DCF	A5		08B		A01
51148		XA344	15										MXB1COX	52	MXB1COX	00	1	DCF	A4		06B		
53597		XA344	16										MB02BBR	03				DCF					
65544		XA344	16										GND	01				DCF					A02
53528		XA344	17									J	MXB1CDX	01	MXB1COX	00	1	DCF	A3		07B	MB01BB BUSS	
64459		XA344	17									P	MXB1CDX	03	MB01BB	02	1	DCF	A3		07B		A01
CONNECTOR		XA344	CONTINUED ON THE NEXT PAGE ****																				

DRAWING NUMBER 149016-880

UNIT ASSEMBLY NO. 149016

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XA344

UNIT ASSEMBLY NAME CARD CAGE ASSY, A, IFCU

CONNECTOR

FILE IDENT T39C1FC6

DATE 09-03-82

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RECORD NUMBER	FROM			TO			WIRE			SIGNAL	SEQ NO	EQUATION	TERM	FACTOR	CKT OR CHIP TYPE	GROUP	LOAD OR POWER PLANE	TEST POINTS AND OR	SIGNAL DESCRIPTION	FCO NO
	PREFIX	CONNECTOR	PIN	PIN	CONNECTOR	PIN	CODE	COLOR	IDEN											
50189		XA344	18							DNW	51									
53596		XA344	19							MBO1BBR	03									
50190		XA344	20							DNW	51									
53602		XA344	21							MBO7BBR	03									
50191		XA344	22							DNW	51									D04
53534		XA344	23						J	MX87CDX	01	MXB7COX	00	1	DCF	B7		10A	MBO7BB BUSS	
64465		XA344	23						P	MXB7CDX	03	MBO7BB	02	1	DCF	B7		10A		A01
50192		XA344	24							DNW	51									
53599		XA344	25							MBO4BBR	03									
50193		XA344	26							DNW	51									
53531		XA344	27						J	MXB4CDX	01	MXB4COX	00	1	DCF	B1		10B	MBO4BB BUSS	
64462		XA344	27						P	MXB4CDX	03	MBO4BB	02	1	DCF	B1		10B		A01
50101		XA344	28							+5V	51							21B		
51157		XA344	29							MXB4COX	52	MXB4COX	00	1	DCF	B2		11B		
51166		XA344	30							MXB7COX	52	MXB7COX	00	1	DCF	B8		11A		
51606		XA344	31		XA 334	70				KM471B	06	MXB4COX	01	1	DCF	B2		12B		
50459		XA344	32							GND	51									
51609		XA344	33		XA 334	72				KM472B	06	MXB5COX	01	1	DCF	B4		13B		
51615		XA344	34		XA 334	76				KM474B	06	MXB7COX	01	1	DCF	B8		12A		
51160		XA344	35							MXB5COX	52	MXB5COX	00	1	DCF	B4		14B		
51143		XA344	36		XA 344	06				MXB0EA	52	MXB4CDX	01	1	DCF	B1		13A		
53522		XA344	36							MXB0EA	51	MXB5COX	01	1	DCF	B3		13A		
53523		XA344	36						M	MXB0EA	51	MXB7CDX	01	1	DCF	B7		13A		
53524		XA344	36						M	MXB0EA	51	MXB6CDX	01	1	DCF	B5		13A		
53532		XA344	37						J	MXB5CDX	01	MXB5CDX	00	1	DCF	B3		15B	MRO5BB BUSS	
64463		XA344	37						P	MXB5CDX	03	MBO5BB	02	1	DCF	B3		15B		A01
51612		XA344	38		XA 334	74				KM473B	06	MXB6COX	01	1	DCF	B6		14A		
53600		XA344	39							MBO5BBR	03									A01
51163		XA344	40							MXB6COX	52	MXB6COX	00	1	DCF	B6		15A		
53533		XA344	41						J	MXB6COX	01	MXB6COX	00	1	DCF	B5		16A	MBO6BB BUSS	
64464		XA344	41							MXB6COX	03	MBO6BB	02	1	DCF	B5		16A		A01
53601		XA344	42						P	MBO6BBR	03							20B		A01
53514		XA344	43							MXBPCDX	01	MXBPCDX	00	1	DCF	C7		25A	MBO6BB BUSS	
64452		XA344	43						P	MXBPCDX	03	MBO6BB	02	1	DCF	C7		25A		A01
53594		XA344	44							MBO6BBR	03									
65545		XA344	44							GND	01									A02
53591		XA344	45							MBCMBBR	03							27A		
53510		XA344	46						J	MXB8MDX	01	MXB8MDX	00	1	DCF	C1		25B	MBCMBB BUSS	
64449		XA344	46							MXB8MDX	03	MBCMBB	02	1	DCF	C1		25B		A01
51095		XA344	47							MXB8MDX	53	MXB8MDX	00	1	DCF	C2		26B		
51118		XA344	48							MXBPCOX	52	MXBPCOX	00	1	DCF	C8		26A		
51329		XA344	49		XA 339	09				MXGN1A	57	MXB8MDX	01	1	DCF	C2		27B		
51276		XA344	50		XA 345	50				KXDSBPR	04	MXBPCOX	01	1	DCF	C8		28A		
51328		XA344	51		XA 344	49				MXGN1A	56	MXBENOX	01	1	DCF	C4		28B		
51142		XA344	52		XA 344	36				MXB0EA	51	MXB8MDX	01	1	DCF	C1		29A		
53525		XA344	52							MXB0EA	51	MXBPCDX	01	1	DCF	C7		29A		
53526		XA344	52						M	MXB0EA	51	MXB8MDX	01	1	DCF	C5		29A		
53527		XA344	52						M	MXB0EA	51	MXB8MDX	01	1	DCF	C3		29A		
53593		XA344	53							MENBBR	03									
51238		XA344	54		XA 333	63				MXDB10	52	MXBINOX	01	1	DCF	C6		30A		
CONNECTOR		XA344	CONTINUED ON THE NEXT PAGE ****																	

RECORD NUMBER	FROM			WIRE	TO			MULTI GROUP	CODE	COLOR	IDENT	SPEC INST. MISC.	SIGNAL	SEQ NO	EQUATION	TERM	FACTOR	CKT OR CH.P. TYPE	GROUP	LOAD OF POWER PLANE	TEST POINTS AND/OR	SIGNAL DESCRIPTION	ECO NO
	PREFIX	CONNECTOR	PIN		PREFIX	CONNECTOR	PIN																
53511		XA344	55									J	MXBENDX	01	MXBENDX	00	1	DCF	C3		30B	MBENBR BUSS	
64450		XA344	55									P	MXBENDX	03	MBENBR	02	1	DCF	C3		30B		A01
51099		XA344	56										MXBENOX	53	MXBENOX	00	1	DCF	C4		29B		
53513		XA344	57									M	MXBINOX	51	MXBINOX	00	1	DCF	C6		31A		
53592		XA344	58										MBINBBR	03									
65546		XA344	58										GND	01									A02
50465		XA344	59										MPFLTDXR	02									
53512		XA344	60									J	MXBINDX	01	MXBINDX	00	1	DCF	C5		31B	MBINBB BUSS	
64451		XA344	60									P	MXBINDX	03	MBINBB	02	1	DCF	C5		31B		A01
50885		XA344	61		XA348	57			16B	9			MPFLTDX	51	MPFLTDX	00	1	DCF	D7		33A	LTNE PRINTER FAULT	C01
50194		XA344	62										DNW	51									
50195		XA344	63										DNW	51									
50196		XA344	64										DNW	51									
51022		XA344	65									J	MXASLDX	52	MXASLDX	00	1	DCF	D1		32B	KXASLB BUSS	C01
65117		XA344	65		XA348	25			16B	9		P	MXASLDX	03	KXASLB	02	1	DCF	D1		32B	PORT A SELECT REC	C01
50197		XA344	66										DNW	01									A01
50468		XA344	67										GND	01									A02
65551		XA344	67		XA348	16			16B	9			KXASLBG	01									A02
50893		XA344	68		XA324	59			16B	9			MPFLTDX	51	MPFLTDX	00	1	DCF	D8		34A		
51024		XA344	69		XA338	61			16B	9			MXASLOX	52	MXASLOX	00	1	DCF	D2		33B		
52044		XA344	70		XA346	56			16B	9			SPI1008	62	MPFLTDX	01	1	DCF	D8		35A		
52236		XA344	71		XA342	76			16B	9			SPI1019	52	MXASLOX	01	1	DCF	D2		34B		
52229		XA344	72		XA342	78			16B	9			SPI1018	52	MXASLDX	01	1	DCF	D1		36A		C01
53569		XA344	72									M	SPI1018	51	MXPRSDX	01	1	DCF	D5		36A		C01
53570		XA344	72									M	SPI1018	51	MXBSLDX	01	1	DCF	D3		36A		C01
53571		XA344	72									M	SPI1018	51	MPFLTDX	01	1	DCF	D7		36A		C01
51986		XA344	73		XA334	41			16B	9			SPI1004	52	MXBSLOX	01	1	DCF	D4		35B		
52027		XA344	74		XA346	41			16B	9			SPI1006	62	MXPRSDX	01	1	DCF	D6		37A		
51131		XA344	75		XA338	55			16B	9			MXBSLOX	52	MXBSLOX	00	1	DCF	D4		36B		
51383		XA344	76										MXPRSDX	52	MXPRSDX	00	1	DCF	D6		38A		
50470		XA344	77	3	XA348	16	3		16B	9			KXBSLBG	01									A02
51129		XA344	78									J	MXBSLDX	01	MXBSLDX	00	1	DCF	D3		37B	KXBSLB BUSS	C01
65119		XA344	78		XA348	29			16B	9		P	MXBSLDX	03	KXBSLB	02	1	DCF	D3		37B		C01
50471		XA344	79		XA348	32			16B	9			KXPRSBG	01							40B		A02
51380		XA344	80									J	MXPRSDX	01	MXPRSDX	00	1	DCF	D5		38B	KXPRSB BUSS	C01
65121		XA344	80		XA348	36			16B	9		P	MXPRSDX	03	KXPRSB	02	1	DCF	D5		38B		C01
53505		XA345	01									J	MXA3CDX	01	MXA3CDX	00	1	DCF	A7		02A	MB03AB BUSS	
64444		XA345	01									P	MXA3CDX	03	MB03AB	02	1	DCF	A7		02A		A01
53586		XA345	02										MB03ABR	03							01A		
65547		XA345	02										GND	01							01A		A02
51063		XA345	03										MXA3COX	52	MXA3COX	00	1	DCF	A8		03A		
51602		XA345	04		XA344	04			16B	9			KM034B	05	MXA3COX	01	1	DCF	A8		04A		
53583		XA345	05										MB00ABR	03									
51041		XA345	06		XA338	11			16B	9			MXA0EA	53	MXA0CDX	01	1	DCF	A1		05A		
53494		XA345	06									M	MXA0EA	51	MXA3CDX	01	1	DCF	A7		05A		
53495		XA345	06									M	MXA0EA	51	MXA1CDX	01	1	DCF	A3		05A		
53496		XA345	06									M	MXA0EA	51	MXA2CDX	01	1	DCF	A5		05A		
53493		XA345	07									J	MXA0CDX	51	MXA0CDX	00	1	DCF	A1		02B	MB00AB BUSS	
CONNECTOR XA345 CONTINUED ON THE NEXT PAGE ****																							

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DATA SYSTEMS DIVISION
LITTON SYSTEMS INC.
LITTON INDUSTRIES

DRAWING NUMBER 149016-880

CONNECTOR

UNIT ASSEMBLY NO. 149016

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XA345

UNIT ASSEMBLY NAME CARD CAGE ASSY, A, IFCU
UNIT ASSEMBLY NAME CARD CAGE ASSY, A, IFCU

FILE IDENT T39C1FC6
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RECORD NUMBER	FROM			TO			WIRE				SPEC INST. WIRE	SIGNAL	SEQ NO	EQUATION	TERM	FACTOR	CMT OR CHIP TYPE	GROUP	LOAD OR POWER PLANE	TEST POINTS AND/OR	SIGNAL DESCRIPTION	ECO NO
	PREFIX	CONNECTOR	PIN	PREFIX	CONNECTOR	PIN	MULTI GROUP	CODE	COLOR	IDENT												
64441		XA345	07								P	MXA0CDX	03	M800AB	02	1	DCF	A1		02B		
51599		XA345	08		XA344	08		16B	9			KM033B	05	MXA2COX	01	1	DCF	A6		06A		A01
51038		XA345	09									MXA0COX	52	MXA0COX	00	1	DCF	A2		03B		
51056		XA345	10									MXA2COX	52	MXA2COX	00	1	DCF	A6		07A		
51593		XA345	11		XA344	11		16B	9			KM031B	05	MXA0COX	01	1	DCF	A2		04B		
50102		XA345	12									+5V	51				DCF			08A		
51596		XA345	13		XA344	13		16B	9			KM032B	05	MXA1COX	01	1	DCF	A4		05B		
53504		XA345	14								J	MXA2CDX	01	MXA2CDX	00	1	DCF	A5		08B	M802AB BUSS	
64443		XA345	14								P	MXA2CDX	03	M802AB	02	1	DCF	A5		08B		A01
51049		XA345	15									MXA1COX	52	MXA1COX	00	1	DCF	A4		06B		
53585		XA345	16									M802ABR	03				DCF					A02
65548		XA345	16									GND	01				DCF					
53503		XA345	17								J	MXA1CDX	01	MXA1CDX	00	1	DCF	A3		07B	M801AB BUSS	
64442		XA345	17								P	MXA1CDX	03	M801AB	02	1	DCF	A3		07B		A01
50198		XA345	18									DNW	51				DCF					
53584		XA345	19									M801ABR	03				DCF					
50199		XA345	20									DNW	51				DCF					
53590		XA345	21									M807ABR	03				DCF					
50200		XA345	22									DNW	51				DCF					
53509		XA345	23								J	MXA7CDX	01	MXA7CDX	00	1	DCF	B7		10A	M807AB BUSS	
64448		XA345	23								P	MXA7CDX	03	M807AB	02	1	DCF	B7		10A		A01
50201		XA345	24									DNW	51				DCF					
53587		XA345	25									M804ABR	03				DCF					
50202		XA345	26									DNW	51				DCF					
53506		XA345	27								J	MXA4CDX	01	MXA4CDX	00	1	DCF	B1		10B	M804AB BUSS	
64445		XA345	27								P	MXA4CDX	03	M804AB	02	1	DCF	B1		10B		C02
50103		XA345	28									+5V	51				DCF			21B		
51070		XA345	29									MXA4COX	52	MXA4COX	00	1	DCF	B2		11B		
51091		XA345	30									MXA7COX	52	MXA7COX	00	1	DCF	B8		11A		
51605		XA345	31		XA344	31		16B	9			KM471B	05	MXA4COX	01	1	DCF	B2		12B		
50460		XA345	32									GND	51				DCF					
51608		XA345	33		XA344	33		16B	9			KM472B	05	MXA5COX	01	1	DCF	B4		13B		
51614		XA345	34		XA344	34		16B	9			KM474B	05	MXA7COX	01	1	DCF	B8		12A		
51077		XA345	35									MXA5COX	52	MXA5COX	00	1	DCF	B4		14B		
51040		XA345	36		XA345	06		16B	9			MXA0EA	52	MXA4CDX	01	1	DCF	B1		13A		
53497		XA345	36								M	MXA0EA	51	MXA7CDX	01	1	DCF	B7		13A		
53498		XA345	36								M	MXA0EA	51	MXA5CDX	01	1	DCF	B3		13A		
53499		XA345	36								M	MXA0EA	51	MXA6CDX	01	1	DCF	B5		13A		
53507		XA345	37								J	MXA5CDX	01	MXA5CDX	00	1	DCF	B3		15B	M805AB BUSS	
64446		XA345	37								P	MXA5CDX	03	M805AB	02	1	DCF	B3		15B		A01
51611		XA345	38		XA344	38		16B	9			KM473B	05	MXA6COX	01	1	DCF	B6		14A		
53588		XA345	39									M805ABR	03				DCF					A02
51084		XA345	40									MXA6COX	52	MXA6COX	00	1	DCF	B6		15A		
53508		XA345	41								J	MXA6CDX	01	MXA6CDX	00	1	DCF	B5		16A	M806AB BUSS	
64447		XA345	41								P	MXA6CDX	03	M806AB	02	1	DCF	B5		16A		A01
53589		XA345	42									M806ABR	03				DCF			20B		A01
53489		XA345	43								J	MXAPCDX	01	MXAPCDX	00	1	DCF	C7		25A	M80PAB BUSS	
64435		XA345	43								P	MXAPCDX	03	M80PAB	02	1	DCF	C7		25A		A01
53582		XA345	44									M80PABR	03				DCF					
65549		XA345	44									GND	01				DCF					A02
CONNECTOR		XA345	CONTINUED ON THE NEXT PAGE ****																			

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DATA SYSTEMS DIVISION
LITTON SYSTEMS INC.
LITTON INDUSTRIES

DRAWING NUMBER 149016-880

CONNECTOR UNIT ASSEMBLY NO. 149016

REV. E

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XA345

UNIT ASSEMBLY NAME CARD CAGE ASSY, A, IFCU

FILE IDENT T39C1FC6

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RECORD NUMBER	FROM				TO				WIRE				SIGNAL	SEQ NO	EQUATION	TERM	FACTOR	CKT OR CHIP TYPE	GROUP	LOAD OR POWER PLANE	TEST POINTS		SIGNAL DESCRIPTION	ECO NO
	PREFIX	CONNECTOR	PIN	SH FT	PREFIX	CONNECTOR	PIN	SH FT	MULTI GROUP	CODE	COLOR	IDENT									SPEC INST MISC	AND		
53579		XA345	45										MBCMABR	03				DCF			27A			
53485		XA345	46									J	MXACMDX	01	MXACMDX	00	1	DCF	C1		25B	MBCMAB BUSS		
64432		XA345	46									P	MXACMDX	03	MBCMAB	02	1	DCF	C1		25B		A01	
50969		XA345	47										MXACMOX	53	MXACMOX	00	1	DCF	C2		26B			
51011		XA345	48										MXAPCOX	52	MXAPCOX	00	1	DCF	C8		26A			
51326		XA345	49		XA345	51			16B	9			MXGN1A	54	MXACMOX	01	1	DCF	C2		27B			
51275		XA345	50										KXDSBPR	05	MXAPCOX	01	1	DCF	C8		28A			
51327		XA345	51		XA344	51			16B	9			MXGN1A	55	MXAENOX	01	1	DCF	C4		28B			
51039		XA345	52		XA345	36			16B	9			MXAOEA	51	MXACMDX	01	1	DCF	C1		29A			
53500		XA345	52									M	MXAOEA	51	MXAENOX	01	1	DCF	C3		29A			
53501		XA345	52									M	MXAOEA	51	MXAPCOX	01	1	DCF	C7		29A			
53502		XA345	52									M	MXAOEA	51	MXAINDX	01	1	DCF	C5		29A			
53581		XA345	53									K	MBENABR	03				DCF					D04	
51237		XA345	54		XA344	54			16B	9			MXDBIO	51	MXAINOX	01	1	DCF	C6		30A			
53486		XA345	55									J	MXAENDX	51	MXAENDX	00	1	DCF	C3		30B	MBENAB BUSS		
64433		XA345	55									P	MXAENDX	03	MBENAB	02	1	DCF	C3		30B		A01	
50988		XA345	56										MXAENOX	53	MXAENOX	00	1	DCF	C4		29B			
53488		XA345	57									M	MXAINOX	51	MXAINOX	00	1	DCF	C6		31A			
53580		XA345	58										MBINABR	03				DCF						
65550		XA345	58										GND	01				DCF					A02	
50466		XA345	59										MDMNDXDR	02				DCF						
53487		XA345	60									J	MXAINDX	01	MXAINDX	00	1	DCF	C5		31B	MBINAB BUSS		
64434		XA345	60									P	MXAINDX	03	MBINAB	02	1	DCF	C5		31B		R05	
50670		XA345	61		XA348	61			16B	9			MDMNDX	01	MDMNDX	00	1	DCF	D7		33A	SEND DATA TO PRINTC01		
50203		XA345	62										DNW	51				DCF						
50204		XA345	63										DNW	51				DCF						
50205		XA345	64										DNW	51				DCF						
51031		XA345	65									J	MXASTDX4	01	MXASTDX400	1	DCF	D1			32B	KXASTB BUSS		
65118		XA345	65		XA346	38			16B	9			P	MXASTDX4	03	KXASTB	02	1	DCF	D1		32B		A02
50206		XA345	66										DNW	51				DCF						
50467		XA345	67										GND	51				DCF					A02	
65553		XA345	67		XA348	16			16B	9			KXASTBG	01				DCF					A02	
50678		XA345	68										MDMNDX	52	MDMNDX	00	1	DCF	D8		34A			
53492		XA345	69									M	MXASTOX	51	MXASTOX	00	1	DCF	D2		33B			
51341		XA345	70										MXGN2A	57	MDMNDX	01	1	DCF	D8		35A			
51023		XA345	71		XA344	69			16B	9			MXASLOX	51	MXASTOX	01	1	DCF	D2		34B			
51325		XA345	72		XA345	49			16B	9			MXGN1A	53	MXASTDX401	1	DCF	D1			36A			
53537		XA345	72									M	MXGN1A	51	MXBSTDX401	1	DCF	D3			36A			
53538		XA345	72									M	MXGN1A	51	MDMNCX	01	1	DCF	D5		36A			
53539		XA345	72									M	MXGN1A	51	MDMNDX	01	1	DCF	D7		36A		C01	
51130		XA345	73		XA344	75			16B	9			MXBSLOX	51	MXBSTOX	01	1	DCF	D4		35B			
51340		XA345	74		XA345	70			16B	9			MXGN2A	56	MDMNCX	01	1	DCF	D6		37A			
53517		XA345	75									M	MXBSTOX	51	MXBSTOX	00	1	DCF	D4		36B			
50665		XA345	76		XA340	18			16B	9			MDMNCX	51	MDMNCX	00	1	DCF	D6		38A			
50469		XA345	77		XA348	32			16B	9			KXBSTBG	01				DCF					A02	
51138		XA345	78									J	MXBSTDX4	01	MXBSTDX400	1	DCF	D3			37B	KXBSTB BUSS		
65120		XA345	78		XA346	25			16B	9		P	MXBSTDX4	03	KXBSTB	02	1	DCF	D3		37B			
50472		XA345	79										MDMNCXDR	02				DCF			40B			
50661		XA345	80		XA348	60			16B	9			MDMNCX	01	MDMNCX	00	1	DCF	D5		38B	SEND DATA TO PRINTC01		

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DATA SYSTEMS DIVISION
LITTON SYSTEMS INC.
LITTON INDUSTRIES

DRAWING NUMBER 149016-880

CONNECTOR

UNIT ASSEMBLY NO. 149016

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XA346

UNIT ASSEMBLY NAME CARD CAGE ASSY, A, IFCU

FILE IDENT T39C1FC6

DATE 09-03-82

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RECORD NUMBER	FROM			TO				WIRE			SIGNAL	SEQ NO	EQUATION	TERM	FACTOR	CKT OR CHIP TYPE	GROUP	LOAD OR POWER PLANE	TEST POINTS AND OR	SIGNAL DESCRIPTION	ECO NO
	PREFIX	CONNECTOR	PIN	PREFIX	CONNECTOR	PIN	MULTI GROUP	CODE	COLOR	IDEN.											
50207		XA346	01								DNW	51			RR4						
50461		XA346	02								GND	51			RR4						
65611		XA346	02		XA246	77			16B	9	G24644	01			RR4					B02	
65614		XA346	02								G34602	06			RR4					B02	
50010		XA346	03		XA246	03			16B	9	+05RES	375			RR4	AP					
50011		XA346	04		XA346	03			16B	9	+05RES	370			RR4	AP					
51050		XA346	05		XA342	09			16B	9	MXA2CB4	51			RR4	A3					
50473		XA346	06		XA346	02			16B	9	G34602	05			RR4	AC				B02	
51057		XA346	07		XA342	15			16B	9	MXA3CB4	51			RR4	A4					
51032		XA346	08		XA342	06			16B	9	MXAOCB4	51			RR4	A1					
51067		XA346	09								MXA4CB4	54			RR4	A5					
51046		XA346	10								MXA1CB4	54			RR4	A2					
50208		XA346	11								DNW	51			RR4						
50104		XA346	12								+5V	51			RR4						
50013		XA346	13		XA346	14			16B	9	+05RES	360			RR4	BP					
50012		XA346	14		XA346	04			16B	9	+05RES	365			RR4	BP					
50481		XA346	15								DNW	51			RR4				KEYWAY	B06	
50482		XA346	16								DNW	51			RR4				KEYWAY	B06	
50965		XA346	17								MXACMB4	54			RR4	B4					
50474		XA346	18		XA346	06			16B	9	G34602	04			RR4	BC				B02	
50984		XA346	19								MXAENB4	54			RR4	B5					
51071		XA346	20		XA342	14			16B	9	MXA5CB4	51			RR4	B1					
50014		XA346	21		XA346	13			16B	9	+05RES	355			RR4	CP					
50015		XA346	22		XA346	21			16B	9	+05RES	350			RR4	CP					
51021		XA346	23		XA348	27			16B	9	MXASLB4	005			RR4	C3				B02	
51085		XA346	24		XA342	27			16B	9	MXA7CB4	51			RR4	B3					
51137		XA346	25		XA348	33			16B	9	KXBSTB	04			RR4	C4					
51078		XA346	26		XA342	21			16B	9	MXA6CB4	51			RR4	B2					
50209		XA346	27								DNW	51			RR4						
50105		XA346	28								+5V	51			RR4						
51128		XA346	29		XA348	31			16B	9	MXBSLB4	005			RR4	C5				B02	
50475		XA346	30		XA346	18			16B	9	G34602	03			RR4	CC				B02	
50210		XA346	31								DNW	51			RR4						
50462		XA346	32								GND	51			RR4						
65613		XA346	32	1	XA346	40	1		16B	9	G34602	01			RR4					C01	
50017		XA346	33		XA346	34			16B	9	+05RES	340			RR4	DP					
50016		XA346	34		XA346	22			16B	9	+05RES	345			RR4	DP					
50669		XA346	35		XA348	63			16B	9	MDMNB4	01			RR4	D3				C01	
51005		XA346	36		XA342	38			16B	9	MXAPCB4	51			RR4	C1					
50886		XA346	37		XA348	59			16B	9	MPFLTB4	01			RR4	D4				B02	
51030		XA346	38		XA348	30			16B	9	KXASTB	04			RR4	C2				A01	
51929		XA346	39								SPI1001	84			RR4	D5					
50476		XA346	40		XA346	30			16B	9	G34602	02			RR4	DC				B02	
52028		XA346	41								SPI1006	63			RR4	E5					
51381		XA346	42		XA348	38			16B	9	MXPRSB4	005			RR4	D1				B02	
50211		XA346	43								DNW	51			RR4						
50463		XA346	44								GND	51			RR4						
65616		XA346	44								G34644	06			RR4					B02	
52007		XA346	45		XA334	53			16B	9	SPI1005	51			RR4	E4					
50662		XA346	46		XA348	62			16B	9	MDMNCB4	01			RR4	D2				B02	
CONNECTOR		XA346	CONTINUED ON THE NEXT PAGE ****																		

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DATA SYSTEMS DIVISION
LITTON SYSTEMS INC.
LITTON INDUSTRIES

DRAWING NUMBER 149016-880

CONNECTOR UNIT ASSEMBLY NO. 149016

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	PREFIX	CONNECTOR	PIN	DATA	PREFIX	CONNECTOR	PIN	TO	MULTI GROUP	CODE	COLOR											
51985		XA346	47			XA344	73			16B	9		SPI1004	51			RR4	E3				
51959		XA346	48			XA334	59			16B	9		SPI1003	51			RR4	E2				
50002		XA346	49			XA346	33			16B	9		+05RES	335			RR4	EP				
50003		XA346	50			XA346	49			16B	9		+05RES	330			RR4	EP				
52057		XA346	51										SPI1011	54			RR4	F5				
51930		XA346	52			XA320	50			16B	9		SPI1002	51			RR4	F1				
52050		XA346	53			XA319	48			16B	9		SPI1010	51			RR4	F4				
50477		XA346	54			XA346	44			16B	9		G34644	05			RR4	EC				B02
52049		XA346	55										SPI1009	58			RR4	F3				
52045		XA346	56										SPI1008	63			RR4	F2				
50483		XA346	57										DNW	51			RR4				KEYWAY	B06
50484		XA346	58										DNW	51			RR4				KEYWAY	B06
50005		XA346	59			XA346	60			16B	9		+05RES	320			RR4	FP				
50004		XA346	60			XA346	50			16B	9		+05RES	325			RR4	EP				
52197		XA346	61										SPI1016	85			RR4	G5				
52029		XA346	62			XA322	20			16B	9		SPI1007	51			RR4	F1				
52164		XA346	63										SPI1015	86			RR4	G4				
50478		XA346	64			XA346	54			16B	9		G34644	04			RR4	EC				B02
52128		XA346	65										SPI1014	84			RR4	G3				
52094		XA346	66										SPI1013	87			RR4	G2				
50464		XA346	67										GND	51			RR4					
65615		XA346	67			XA346	77			16B	9		G34644	01			RR4					B02
50212		XA346	68										DNW	51			RR4					B02
50006		XA346	69			XA346	59			16B	9		+05RES	315			RR4	GP				
50007		XA346	70			XA346	69			16B	9		+05RES	310			RR4	GP				
53391		XA346	71										SPR	51			RR4	H5				
52061		XA346	72										SPI1012	60			RR4	G1				B02
53392		XA346	73										SPR	51			RR4	H4				
50479		XA346	74			XA346	64			16B	9		G34644	03			RR4	GC				B02
52235		XA346	75			XA344	71			16B	9		SPI1019	51			RR4	H3				
52228		XA346	76			XA344	72			16B	9		SPI1018	51			RR4	H2				
50480		XA346	77			XA346	74			16B	9		G34644	02			RR4	HC				B02
52227		XA346	78										SPI1017	82			RR4	H1				
50009		XA346	79			XA346	80			16B	9		+05RES	300			RR4	HP				
50008		XA346	80			XA346	70			16B	9		+05RES	305			RR4	HP				
65329		XA347	01										SPP									A01
65142		XA347	02										GND									A01
65330		XA347	03										SPP									A01
65331		XA347	04										SPP									A01
65332		XA347	05										SPP									A01
65333		XA347	06										SPP									A01
65334		XA347	07										SPP									A01
65335		XA347	08										SPP									A01
65336		XA347	09										SPP									A01
65337		XA347	10										SPP									A01
65338		XA347	11										SPP									A01
65128		XA347	12										+5V									A01
65339		XA347	13										SPP									A01
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DATA SYSTEMS DIVISION
LITTON SYSTEMS INC.
LITTON INDUSTRIES

DRAWING NUMBER 149016-880

CONNECTOR

UNIT ASSEMBLY NO. 149016

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UNIT ASSEMBLY NAME CARD CAGE ASSY, A, IFCU

FILE IDENT T39C1FC6

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RECORD NUMBER	FROM				TO				WIRE				SIGNAL	SEQ NO	EQUATION	TERM	FACTOR	CKT OR CHIP TYPE	GROUP	LOAD OR POWER PLANE	TEST POINTS AND OR	SIGNAL DESCRIPTION	ECO NO
	PREFIX	CONNECTOR	PIN	DR PC	PREFIX	CONNECTOR	PIN	DR PC	MULTI GROUP	CODE	COLOR	IDENT											
65340		XA347	14										SPP									A01	
65341		XA347	15										SPP										A01
65143		XA347	16										GND										A01
65636		XA347	16										TXBSTBG	02									C01
65637		XA347	16										TXPRSBG	02									C01
65342		XA347	17										SPP										A01
65343		XA347	18										SPP										A01
65344		XA347	19										SPP										A01
65345		XA347	20										SPP										A01
65346		XA347	21										SPP										A01
65347		XA347	22										SPP										A01
65348		XA347	23										SPP										A01
65349		XA347	24										SPP										A01
65350		XA347	25										SPP										A01
65351		XA347	26										SPP										A01
65352		XA347	27										SPP										A01
65129		XA347	28										+5V										A01
65353		XA347	29										SPP										A01
65354		XA347	30										SPP										A01
65355		XA347	31										SPP										A01
65144		XA347	32										GND										A01
65356		XA347	33										SPP										A01
65357		XA347	34										SPP										A01
65358		XA347	35										SPP										A01
65359		XA347	36										SPP										A01
65360		XA347	37										SPP										A01
65361		XA347	38										SPP										A01
65362		XA347	39										SPP										A01
65363		XA347	40										SPP										A01
65364		XA347	41										SPP										A01
65365		XA347	42										SPP										A01
65366		XA347	43										SPP										A01
65145		XA347	44										GND										A01
65367		XA347	45										SPP										A01
65368		XA347	46										SPP										A01
65369		XA347	47										SPP										A01
65370		XA347	48										SPP										A01
65371		XA347	49										SPP										A01
65372		XA347	50										SPP										A01
65373		XA347	51										SPP										A01
65374		XA347	52										SPP										A01
65375		XA347	53										SPP										A01
65376		XA347	54										SPP										A01
65377		XA347	55										SPP										A01
65378		XA347	56										SPP										A01
65379		XA347	57										SPP										A01
65146		XA347	58										GND										A01
65380		XA347	59										SPP										A01
65381		XA347	60										SPP										A01
65382		XA347	61										SPP										A01
CONNECTOR	XA347	CONTINUED ON THE NEXT PAGE ****																					

RECORD NUMBER	FROM				TO				WIRE				SIGNAL	SEQ 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											
65383		XA347	62										SPP									A01	
65384		XA347	63										SPP									A01	
65385		XA347	64										SPP									A01	
65386		XA347	65										SPP									A01	
65387		XA347	66										SPP									A01	
65147		XA347	67										GND									A01	
65388		XA347	68										SPP									A01	
65389		XA347	69										SPP									A01	
65390		XA347	70										SPP									A01	
65391		XA347	71										SPP									A01	
65392		XA347	72										SPP									A01	
65393		XA347	73										SPP									A01	
65394		XA347	74										SPP									A01	
65395		XA347	75										SPP									A01	
65396		XA347	76										SPP									A01	
65397		XA347	77										SPP									A01	
65398		XA347	78										SPP									A01	
65399		XA347	79										SPP									A01	
65400		XA347	80										SPP									A01	
64795		XA348	01		XA446	80				16B	9		TXASL DX4	00				SHT				B04	
64113		XA348	02										GND	01				SHT				B04	
65566		XA348	02										TXASL BG	02				SHT				B04	
65567		XA348	02										TXASTBG	02				SHT				B04	
65568		XA348	02										TXBSL BG	02				SHT				B04	
64887		XA348	03		XA450	17				16B	9		TXASL B4	01				SHT				B04	
64796		XA348	04		XA446	61				16B	9		TXBSL DX	00				SHT				C01	
64797		XA348	05		XA442	42				16B	9		TXASTDX4	00				SHT				C01	
64903		XA348	06		XA450	19				16B	9		TXBSL B4	01				SHT				B04	
64889		XA348	07		XA450	21				16B	9		TXASTB	01				SHT				B04	
64798		XA348	08		XA442	46				16B	9		TXBSTDX4	00				SHT				B04	
64799		XA348	09										SPP	01				SHT				B04	
64905		XA348	10		XA450	23				16B	9		TXBSTB	01				SHT				B04	
64800		XA348	11										DNW	01				SHT			KEYWAY	B06	
63963		XA348	12										DNW	01				SHT			KEYWAY	B06	
64801		XA348	13		XA446	78				16B	9		TXPRSDX	00				SHT				C01	
64802		XA348	14		XA244	65				16B	9		LXASL DX	00				SHT				C01	
64915		XA348	15		XA450	25				16B	9		TXPRSB4	01				SHT				B04	
64114		XA348	16										GND	01				SHT				B04	
65552		XA348	16										KXASL BG	02				SHT				B04	
65554		XA348	16										KXASTBG	02				SHT				B04	
65555		XA348	16										KXBSL BG	02				SHT				B04	
64803		XA348	17		XA244	78				16B	9		LXBSL DX	00				SHT				B04	
64291		XA348	18		XA450	41				16B	9		LXASL B4	01				SHT				B04	
64307		XA348	19		XA450	45				16B	9		LXBSL B4	01				SHT				B04	
64804		XA348	20		XA246	38				16B	9		LXASTDX4	00				SHT				B04	
64805		XA348	21		XA246	25				16B	9		LXBSTDX4	00				SHT				B04	
64293		XA348	22		XA450	47				16B	9		LXASTB	01				SHT				B04	
64309		XA348	23		XA450	49				16B	9		LXBSTB	01				SHT				B04	
	CONNECTOR	XA348	CONTINUED ON THE NEXT PAGE ****																				

RECORD NUMBER	FROM			TO			WIRE				SIGNAL	SEQ NO	EQUATION	TERM	FACTOR	CXT OR CHIP TYPE	GROUP	LOAD OR POWER PLANE	TEST POINTS AND OR	SIGNAL DESCRIPTION	ECO NO
	PREFIX	CONNECTOR	PIK	PIN	PREFIX	CONNECTOR	PIK	MULTI GROUP	CODE	COLOR											
64806		XA348	24		XA244	80			168	9		LXPRSDX	00			SHT					C01
64807		XA348	25									KXASLB	05			SHT					B04
64319		XA348	26		XA450	51			168	9		LXPRSB4	01			SHT					B04
64437		XA348	27		XA450	53			168	9		MXASLB4	01			SHT					B04
63964		XA348	28									+5V	01			SHT					B04
64808		XA348	29									KXBLSB	05			SHT					B04
64809		XA348	30									KXASTB	05			SHT					B04
64454		XA348	31		XA450	55			168	9		MXBSLB4	01			SHT					B04
64115		XA348	32									GND	01			SHT					B04
65556		XA348	32									KXBSTBG	02			SHT					B04
65557		XA348	32									KXPRSBG	02			SHT					B04
65559		XA348	32									LXASLBG	02			SHT					B04
64810		XA348	33									KXBSTB	05			SHT					B04
64439		XA348	34		XA450	59			168	9		MXASTB	01			SHT					B04
64456		XA348	35		XA450	61			168	9		MXBSTB	01			SHT					B04
64811		XA348	36									KXPRSB	05			SHT					B04
64812		XA348	37									SPP	01			SHT					B04
64466		XA348	38		XA450	63			168	9		MXPRSB4	01			SHT					B04
64813		XA348	39									SPP	01			SHT					B04
64814		XA348	40									SPP	01			SHT					B04
64815		XA348	41									SPP	01			SHT					B04
64816		XA348	42									SPP	01			SHT					B04
64817		XA348	43									SPP	01			SHT					B04
64116		XA348	44									GND	01			SHT					B04
65561		XA348	44									LXASTBG	02			SHT					B04
65590		XA348	44									LXBSLBG	02			SHT					B04
64818		XA348	45									SPP	01			SHT					B04
64819		XA348	46		XA143	61			168	9		KPOUTX4	01			SHT					D03
64820		XA348	47									KEYINX	02			SHT					C01
64821		XA348	48		XA450	73			168	9		KPOUTB	01			SHT					D03
64822		XA348	49		XA450	71			168	9		KEYINB4	02			SHT					B04
64823		XA348	50									LPFLTQX	02			SHT					C01
64824		XA348	51									LDMNDDX	02			SHT					C01
64825		XA348	52		XA250	33			168	9		LPFLTB4	02			SHT					B04
64826		XA348	53		XA250	29			168	9		LDMNDB4	02			SHT					B04
64827		XA348	54									LDMNCDX	02			SHT					C01
64828		XA348	55									SPP	01			SHT					B04
64572		XA348	56		XA250	31			168	9		LDMNCB4	02			SHT					B04
64573		XA348	57									MPFLTQX	53			SHT					C01
64002		XA348	58									GND				SHT					B04
65562		XA348	58									LXBSTBG	02			SHT					B04
65563		XA348	58									LXPRSBG	02			SHT					B04
64574		XA348	59		XA250	73			168	9		MPFLTB4	02			SHT					B04
64575		XA348	60									MDMNCDX	02			SHT					C01
64576		XA348	61									MDMNDX	02			SHT					C01
64577		XA348	62		XA250	71			168	9		MDMNCB4	02			SHT					C01
64578		XA348	63		XA250	69			168	9		MDMNDB4	02			SHT					B04
64579		XA348	64									SPP				SHT					B04
64580		XA348	65									SPP				SHT					B04
64581		XA348	66									SPP				SHT					B04
CONNECTOR XA348 CONTINUED ON THE NEXT PAGE ****																					

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DATA SYSTEMS DIVISION
LITTON SYSTEMS INC.
LITTON INDUSTRIES

DRAWING NUMBER 149016-880

CONNECTOR

UNIT ASSEMBLY NO. 149016

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XA348

UNIT ASSEMBLY NAME CARD CAGE ASSY, A, IFCU

FILE IDENT T39C1FC6

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	WIRE	PREFIX	CONNECTOR	PIN	WIRE	MULTI GROUP	CODE	COLOR	IDENT											
64003		XA348	67										DNW										B07
64582		XA348	68										DNW										B06
64583		XA348	69		XA543	45				168	9		TREWC04	005									D03
64584		XA348	70										SPP										B04
64585		XA348	71		XA550	23				168	9		TREWC8	01									D03
64586		XA348	72		XA544	36				168	9		TWDBED4	005									D03
64587		XA348	73		XA543	46				168	9		TRUNC04	005									D03
64588		XA348	74		XA550	51				168	9		TWDBEB	01									D03
64589		XA348	75		XA550	19				168	9		TRUNC8	01									D03
64590		XA348	76										KK009A1	03									B04
64591		XA348	77		XA328	76				168	9		TXADE04	005									B04
64592		XA348	78		XA450	79				168	9		KNCRKA1	01									B04
64593		XA348	79		XA448	01				168	9		TXADEB	02									E04
64594		XA348	80										SPP										B04
65401		XA349	01										SPP										A01
65402		XA349	02										SPP										A01
65403		XA349	03										SPP										A01
65404		XA349	04										SPP										A01
65405		XA349	05										SPP										A01
65406		XA349	06										SPP										A01
65407		XA349	07										SPP										A01
65408		XA349	08										SPP										A01
65409		XA349	09										SPP										A01
65410		XA349	10										SPP										A01
65411		XA349	11										SPP										A01
65412		XA349	12										SPP										A01
65413		XA349	13										SPP										A01
65414		XA349	14										SPP										A01
65415		XA349	15										SPP										A01
65416		XA349	16										SPP										A01
65417		XA349	17										SPP										A01
65418		XA349	18										SPP										A01
65419		XA349	19										SPP										A01
65420		XA349	20										SPP										A01
65421		XA349	21										SPP										A01
65422		XA349	22										SPP										A01
65423		XA349	23										SPP										A01
65424		XA349	24										SPP										A01
65425		XA349	25										SPP										A01
65426		XA349	26										SPP										A01
65427		XA349	27										SPP										A01
65428		XA349	28										SPP										A01
65429		XA349	29										SPP										A01
65430		XA349	30										SPP										A01
65431		XA349	31										SPP										A01
65432		XA349	32										SPP										A01
65433		XA349	33										SPP										A01
65434		XA349	34										SPP										A01
CONNECTOR		XA349	CONTINUED ON THE NEXT PAGE ***																				

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DATA SYSTEMS DIVISION
LITTON SYSTEMS INC.
LITTON INDUSTRIES

DRAWING NUMBER 149016-880

CONNECTOR

UNIT ASSEMBLY NO. 149016

REV. E

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XA349

UNIT ASSEMBLY NAME CARD CAGE ASSY, A, IFCU

FILE IDENT T39C1FC6

DATE 09-03-82

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RECORD NUMBER	FROM			TO			WIRE				SIGNAL	SEQ NO	EQUATION	TERM	FACTOR	CKT OR CHIP TYPE	GROUP	LOAD OR POWER PLANE	TEST POINTS AND OR	SIGNAL DESCRIPTION	ECO NO
	PREFIX	CONNECTOR	PIN	PREFIX	CONNECTOR	PIN	MULTI GROUP	CODE	COLOR	IDENT											
65435		XA349	35									SPP									A01
65436		XA349	36									SPP									A01
65437		XA349	37									SPP									A01
65438		XA349	38									SPP									A01
65439		XA349	39									SPP									A01
65440		XA349	40									SPP									A01
65441		XA349	41									SPP									A01
65442		XA349	42									SPP									A01
65443		XA349	43									SPP									A01
65444		XA349	44									SPP									A01
65445		XA349	45									SPP									A01
65446		XA349	46									SPP									A01
65447		XA349	47									SPP									A01
65448		XA349	48									SPP									A01
65449		XA349	49									SPP									A01
65450		XA349	50									SPP									A01
65451		XA349	51									SPP									A01
65452		XA349	52									SPP									A01
65453		XA349	53									SPP									A01
65454		XA349	54									SPP									A01
65455		XA349	55									SPP									A01
65456		XA349	56									SPP									A01
65457		XA349	57									SPP									A01
65458		XA349	58									SPP									A01
65459		XA349	59									SPP									A01
65460		XA349	60									SPP									A01
65461		XA349	61									SPP									A01
65462		XA349	62									SPP									A01
65463		XA349	63									SPP									A01
65464		XA349	64									SPP									A01
65465		XA349	65									SPP									A01
65466		XA349	66									SPP									A01
65467		XA349	67									SPP									A01
65468		XA349	68									SPP									A01
65469		XA349	69									SPP									A01
65470		XA349	70									SPP									A01
65471		XA349	71									SPP									A01
65472		XA349	72									SPP									A01
65473		XA349	73									SPP									A01
65474		XA349	74									SPP									A01
65475		XA349	75									SPP									A01
65476		XA349	76									SPP									A01
65477		XA349	77									SPP									A01
65478		XA349	78									SPP									A01
65479		XA349	79									SPP									A01
65480		XA349	80									SPP									A01
02788		XA350	01		XA447	03			168	9		XAOPAB	02			EXT					B04
00842		XA350	02									XAOPAR	02			EXT					B04
CONNECTOR	XA350	CONTINUED ON THE NEXT PAGE ****																			

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DATA SYSTEMS DIVISION
LITTON SYSTEMS INC.
LITTON INDUSTRIES

DRAWING NUMBER 149016-880

CONNECTOR

UNIT ASSEMBLY NO. 149016

REV. E

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XA350

UNIT ASSEMBLY NAME CARD CAGE ASSY, A, IFCU

FILE IDENT

T39C1FC6

DATE 09-03-82

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RECORD NUMBER	FROM				TO				WIRE				SIGNAL	SEQ NO	EQUATION	TERM	FACTOR	CKT OR CHIP TYPE	GROUP	LOAD OR POWER PLANE	TEST POINTS AND OR	SIGNAL DESCRIPTION	ECO NO
	PREFIX	CONNECTOR	PIN	SIZE	PREFIX	CONNECTOR	PIN	SIZE	MULTI GROUP	CODE	COLOR	IDENT											
08494		XA350	02										GND					EXT				B04	
02789		XA350	03		XA447	06				16B	9		XA00AB	02				EXT				B06	
02790		XA350	04										XA00AR	02				EXT				B04	
08495		XA350	04										GND					EXT				B06	
02791		XA350	05		XA447	07				16B	9		XA01AB	02				EXT				B04	
02792		XA350	06										XA01AR	02				EXT				B06	
08496		XA350	06										GND					EXT				B04	
02793		XA350	07		XA447	10				16B	9		XA02AB	02				EXT				B06	
02794		XA350	08										XA02AR	02				EXT				B04	
08497		XA350	08										GND					EXT				B06	
02795		XA350	09		XA447	15				16B	9		XA03AB	02				EXT				B04	
02796		XA350	10										XA03AR	02				EXT				B06	
02797		XA350	11		XA447	18				16B	9		XA04AB	02				EXT				B04	
00149		XA350	12										XA04AR	02				EXT				B06	
08498		XA350	12										GND					EXT				B04	
02798		XA350	13		XA447	19				16B	9		XA05AB	02				EXT				B06	
02799		XA350	14										XA05AR	02				EXT				B04	
08499		XA350	14										GND					EXT				B06	
02800		XA350	15		XA447	22				16B	9		XA06AB	02				EXT				B04	
00843		XA350	16										XA06AR	02				EXT				B06	
08500		XA350	16										GND					EXT				B04	
02801		XA350	17		XA447	23				16B	9		XA07AB	02				EXT				B06	
02802		XA350	18										XA07AR	02				EXT				B04	
08501		XA350	18										GND					EXT				B06	
02803		XA350	19										XAR0AB	02				EXT				B07	
02804		XA350	20										XAR0AR	02				EXT				B07	
08502		XA350	20										GND					EXT				B04	
02805		XA350	21										XAR1AB	02				EXT				B07	
02806		XA350	22										XAR1AR	02				EXT				B07	
08503		XA350	22										GND					EXT				B06	
02807		XA350	23		XA447	26				16B	9		XAR2AB	02				EXT				B07	
02808		XA350	24		XA444	44				16B	9		XAR2AR	02				EXT				B07	
08504		XA350	24										GND					EXT				B04	
02809		XA350	25		XA447	27				16B	9		XAR3AB	02				EXT				B07	
02810		XA350	26		XA444	58				16B	9		XAR3AR	02				EXT				B07	
08505		XA350	26										GND					EXT				B06	
02811		XA350	27										XAR4AB	02				EXT				B04	
00150		XA350	28										XAR4AR	02				EXT				B06	
08506		XA350	28										GND					EXT				B04	
02812		XA350	29										XAR5AB	02				EXT				B06	
02813		XA350	30										XAR5AR	02				EXT				B04	
08507		XA350	30										GND					EXT				B06	
02814		XA350	31		XA447	31				16B	9		XAR6AB	02				EXT				B04	
00844		XA350	32										XAR6AR	02				EXT				B06	
08508		XA350	32										GND					EXT				B04	
02815		XA350	33		XA447	34				16B	9		XAR7AB	02				EXT				B06	
02816		XA350	34										XAR7AR	02				EXT				B04	
08509		XA350	34										GND					EXT				B06	
02817		XA350	35		XA447	35				16B	9		XAENAB	02				EXT				B04	
02818		XA350	36										XAENAR	02				EXT				B06	
CONNECTOR XA350 CONTINUED ON THE NEXT PAGE ***																							

RECORD NUMBER	FROM				TO				WIRE			SIGNAL	SEQ 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											
08510		XA350	36										GND									B04
02819		XA350	37		XA447	38				16B	9		XACMAB	02								B06
02820		XA350	38										XACMAR	02								B04
08511		XA350	38										GND									B04
02821		XA350	39		XA447	39				16B	9		XAINAB	02								B04
02822		XA350	40										XAINAR	02								B04
08512		XA350	40										GND									B04
02823		XA350	41		XA251	41				16B	9		XBOPAB	01								B06
02824		XA350	42		XA251	42				16B	9		XBOPAR	01								B04
08513		XA350	42										GND									B04
02825		XA350	43		XA251	43				16B	9		XB00AB	01								B04
00845		XA350	44		XA251	44				16B	9		XB00AR	01								B04
08514		XA350	44										GND									B04
02826		XA350	45		XA251	45				16B	9		XB01AB	01								B06
02827		XA350	46		XA251	46				16B	9		XB01AR	01								B04
08515		XA350	46										GND									B04
02828		XA350	47		XA251	47				16B	9		XB02AB	01								B04
02829		XA350	48		XA251	48				16B	9		XB02AR	01								B06
08516		XA350	48										GND									B04
02830		XA350	49		XA251	49				16B	9		XB03AB	01								B04
02831		XA350	50		XA251	50				16B	9		XB03AR	01								B04
08517		XA350	50										GND									B04
02832		XA350	51		XA251	51				16B	9		XB04AB	01								B04
02833		XA350	52		XA251	52				16B	9		XB04AR	01								B06
08518		XA350	52										GND									B04
02834		XA350	53		XA251	53				16B	9		XB05AB	01								B06
02835		XA350	54		XA251	54				16B	9		XB05AR	01								B04
08519		XA350	54										GND									B06
02836		XA350	55		XA251	55				16B	9		XB06AB	01								B04
02837		XA350	56		XA251	56				16B	9		XB06AR	01								B04
08520		XA350	56										GND									B04
02838		XA350	57		XA251	57				16B	9		XB07AB	01								B06
00846		XA350	58		XA251	58				16B	9		XB07AR	01								B04
08521		XA350	58										GND									B06
02839		XA350	59		XA251	59				16B	9		XB08AB	01								B04
02840		XA350	60										XB08AR	02								B06
08522		XA350	60										GND									B04
02841		XA350	61		XA251	61				16B	9		XBR1AB	01								B06
02842		XA350	62										XBR1AR	02								B04
08523		XA350	62										GND									B06
02843		XA350	63		XA251	63				16B	9		XBR2AB	01								B04
02844		XA350	64										XBR2AR	02								B06
08524		XA350	64										GND									B04
02845		XA350	65										XBR3AB	02								B06
02846		XA350	66										XBR3AR	02								B04
08525		XA350	66										GND									B06
00847		XA350	67										XBR4AB	02								B04
02847		XA350	68										XBR4AR	02								B06
08526		XA350	68										GND									B04
02848		XA350	69										XBR5AB	02								B06
CONNECTOR	XA350	CONTINUED ON THE NEXT PAGE ***																				

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DATA SYSTEMS DIVISION
LITTON SYSTEMS INC.
LITTON INDUSTRIES

DRAWING NUMBER 149016-880

CONNECTOR

UNIT ASSEMBLY NO. 149016

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XA350

UNIT ASSEMBLY NAME CARD CAGE ASSY, A, IFCU

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RECORD NUMBER	FROM				TO				WIRE			SIGNAL	SEQ NO	EQUATION	TERM	FACTOR	CKT OR CHIP TYPE	GROUP	LOAD OR POWER PLANE	TEST POINTS AND OR	SIGNAL DESCRIPTION	ECO NO
	PREFIX	CONNECTOR	PIN	SIZE	PREFIX	CONNECTOR	PIN	SIZE	MULTI GROUP	CODE	COLOR											
02849		XA350	70									XBR5AR	02				EXT				B04	
08527		XA350	70									GND					EXT				B04	
02850		XA350	71									XBR6AB	02				EXT				B04	
02851		XA350	72									XBR6AR	02				EXT				B04	
08528		XA350	72									GND					EXT				B04	
02852		XA350	73									XBR7AB	02				EXT				B04	
02853		XA350	74									XBR7AR	02				EXT				B04	
02854		XA350	75		XA251	75			16B	9		XBENAB	01				EXT				B04	
02855		XA350	76									MBENABR	06				EXT				D04	
02856		XA350	77		XA251	77			16B	9		XBCMAB	01				EXT				B04	
02857		XA350	78		XA251	78			16B	9		XBCMAB	01				EXT				B04	
08529		XA350	78									GND					EXT				B04	
02858		XA350	79		XA251	79			16B	9		XBINAB	01				EXT				B04	
02859		XA350	80		XA251	80			16B	9		XBINAB	01				EXT				B04	
08530		XA350	80									GND					EXT				B04	
65481		XA351	01									SPP									A01	
65148		XA351	02									GND									A01	
65482		XA351	03									SPP									A01	
65149		XA351	04									GND									A01	
65483		XA351	05									SPP									A01	
65150		XA351	06									GND									A01	
65484		XA351	07									SPP									A01	
65151		XA351	08									GND									A01	
65485		XA351	09									SPP									A01	
65486		XA351	10									SPP									A01	
65487		XA351	11									SPP									A01	
65152		XA351	12									GND									A01	
65488		XA351	13									SPP									A01	
65153		XA351	14									GND									A01	
65489		XA351	15									SPP									A01	
65154		XA351	16									GND									A01	
65490		XA351	17									SPP									A01	
65155		XA351	18									GND									A01	
65491		XA351	19									SPP									A01	
65156		XA351	20									GND									A01	
65492		XA351	21									SPP									A01	
65157		XA351	22									GND									A01	
65493		XA351	23									SPP									A01	
65158		XA351	24									GND									A01	
65494		XA351	25									SPP									A01	
65159		XA351	26									GND									A01	
65495		XA351	27									SPP									A01	
65160		XA351	28									GND									A01	
65496		XA351	29									SPP									A01	
65161		XA351	30									GND									A01	
65497		XA351	31									SPP									A01	
65162		XA351	32									GND									A01	
65498		XA351	33									SPP									A01	
CONNECTOR XA351 CONTINUED ON THE NEXT PAGE ***																						

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DATA SYSTEMS DIVISION
LITTON SYSTEMS INC.
LITTON INDUSTRIES

DRAWING NUMBER 149016-880

CONNECTOR

UNIT ASSEMBLY NO. 149016

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UNIT ASSEMBLY NAME CARD CAGE ASSY, A, IFCU

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RECORD NUMBER	FROM			TO			WIRE				SIGNAL	SEQ NO	EQUATION	TERM	FACTOR	CKT OR CHIP TYPE	GROUP	LOAD OR POWER PLANE	TEST POINTS AND OR	SIGNAL DESCRIPTION	ECO NO
	PREFIX	CONNECTOR	PIK	PREFIX	CONNECTOR	PIK	SIZE	MULTI GROUP	CODE	COLOR											
65163		XA351	34									GND									A01
65499		XA351	35									SPP									A01
65164		XA351	36									GND									A01
65500		XA351	37									SPP									A01
65165		XA351	38									GND									A01
65501		XA351	39									SPP									A01
65166		XA351	40									GND									A01
65502		XA351	41									SPP									A01
65167		XA351	42									GND									A01
65503		XA351	43									SPP									A01
65168		XA351	44									GND									A01
65504		XA351	45									SPP									A01
65169		XA351	46									GND									A01
65505		XA351	47									SPP									A01
65170		XA351	48									GND									A01
65506		XA351	49									SPP									A01
65171		XA351	50									GND									A01
65507		XA351	51									SPP									A01
65172		XA351	52									GND									A01
65508		XA351	53									SPP									A01
65173		XA351	54									GND									A01
65509		XA351	55									SPP									A01
65174		XA351	56									GND									A01
65510		XA351	57									SPP									A01
65175		XA351	58									GND									A01
65511		XA351	59									SPP									A01
65176		XA351	60									GND									A01
65512		XA351	61									SPP									A01
65177		XA351	62									GND									A01
65513		XA351	63									SPP									A01
65178		XA351	64									GND									A01
65514		XA351	65									SPP									A01
65179		XA351	66									GND									A01
65515		XA351	67									SPP									A01
65180		XA351	68									GND									A01
65516		XA351	69									SPP									A01
65181		XA351	70									GND									A01
65517		XA351	71									SPP									A01
65182		XA351	72									GND									A01
65518		XA351	73									SPP									A01
65519		XA351	74									SPP									A01
65520		XA351	75									SPP									A01
65521		XA351	76									SPP									A01
65522		XA351	77									SPP									A01
65183		XA351	78									GND									A01
65523		XA351	79									SPP									A01
65184		XA351	80									GND									A01

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DATA SYSTEMS DIVISION
LITTON SYSTEMS INC.
LITTON INDUSTRIES

DRAWING NUMBER 149016-880

CONNECTOR

UNIT ASSEMBLY NO. 149016

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XA401

UNIT ASSEMBLY NAME CARD CAGE ASSY, A, IFCU

FILE IDENT

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DATE 09-03-82

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RECORD NUMBER	FROM			TO			WIRE				SIGNAL	SEQ NO	EQUATION	TERM	FACTOR	CKT OR CHIP TYPE	GROUP	LOAD OR POWER PLANE	TEST POINTS AND OR	SIGNAL DESCRIPTION	ECO NO
	PREFIX	CONNECTOR	PIN	PREFIX	CONNECTOR	PIN	WIRE	MULTI GROUP	CODE	COLOR											
02140		XA401	01									SPP	01								
00566		XA401	02									GND	01								
02141		XA401	03									SPP	01								
02142		XA401	04									SPP	01								
02143		XA401	05									SPP	01								
02144		XA401	06									SPP	01								
02145		XA401	07									SPP	01								
02146		XA401	08									SPP	01								
02147		XA401	09									SPP	01								
02148		XA401	10									SPP	01								
02149		XA401	11									SPP	01								
00053		XA401	12									+5V	01								
02150		XA401	13									SPP	01								
02151		XA401	14									SPP	01								
02152		XA401	15									SPP	01								
00567		XA401	16									GND	01								
02153		XA401	17									SPP	01								
02154		XA401	18									SPP	01								
02155		XA401	19									SPP	01								
02156		XA401	20									SPP	01								
02157		XA401	21									SPP	01								
02158		XA401	22									SPP	01								
02159		XA401	23									SPP	01								
02160		XA401	24									SPP	01								
02161		XA401	25									SPP	01								
02162		XA402	26									SPP	01								
02163		XA401	27									SPP	01								
00054		XA401	28									+5V	01								
02164		XA401	29									SPP	01								
02165		XA401	30									SPP	01								
02166		XA401	31									SPP	01								
00568		XA401	32									GND	01								
02167		XA401	33									SPP	01								
02168		XA401	34									SPP	01								
02169		XA401	35									SPP	01								
02170		XA401	36									SPP	01								
02171		XA401	37									SPP	01								
02172		XA401	38									SPP	01								
02173		XA401	39									SPP	01								
02174		XA401	40									SPP	01								
02175		XA401	41									SPP	01								
02176		XA401	42									SPP	01								
02177		XA401	43									SPP	01								
00569		XA401	44									GND	01								
02178		XA401	45									SPP	01								
02179		XA401	46									SPP	01								
02180		XA401	47									SPP	01								
02181		XA401	48									SPP	01								
02182		XA401	49									SPP	01								
02183		XA401	50									SPP	01								
CONNECTOR XA401 CONTINUED ON THE NEXT PAGE ****																					

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DATA SYSTEMS DIVISION
LITTON SYSTEMS INC.
LITTON INDUSTRIES

DRAWING NUMBER 149016-880

CONNECTOR

UNIT ASSEMBLY NO. 149016

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XA401

UNIT ASSEMBLY NAME CARD CAGE ASSY, A, IFCU

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RECORD NUMBER	FROM			TO							SIGNAL	SEQ NO	EQUATION	TERM	FACTOR	CKT OR CHIP TYPE	GROUP	LOAD OR POWER PLANE	TEST POINTS		SIGNAL DESCRIPTION	ECO NO
	PREFIX	CONNECTOR	PIN	PREFIX	CONNECTOR	PIN	MULTI GROUP	CODE	COLOR	IDENT									AND	OR		
02184		XA401	51									SPP	01									
02185		XA401	52									SPP	01									
02186		XA401	53									SPP	01									
02187		XA401	54									SPP	01									
02188		XA401	55									SPP	01									
02189		XA401	56									SPP	01									
02190		XA401	57									SPP	01									
00570		XA401	58									GND	01									
02191		XA401	59									SPP	01									
02192		XA401	60									SPP	01									
02193		XA401	61									SPP	01									
02194		XA401	62									SPP	01									
02195		XA401	63									SPP	01									
02196		XA401	64									SPP	01									
02197		XA401	65									SPP	01									
02198		XA401	66									SPP	01									
00571		XA401	67									GND	01									
02199		XA401	68									SPP	01									
02200		XA401	69									SPP	01									
02201		XA401	70									SPP	01									
02202		XA401	71									SPP	01									
02203		XA401	72									SPP	01									
02204		XA401	73									SPP	01									
02205		XA401	74									SPP	01									
02206		XA401	75									SPP	01									
02207		XA401	76									SPP	01									
02208		XA401	77									SPP	01									
02209		XA401	78									SPP	01									
02210		XA401	79									SPP	01									
02211		XA401	80									SPP	01									
02212		XA402	01									SPP	01									
00572		XA402	02									GND	01									
02213		XA402	03									SPP	01									
02214		XA402	04									SPP	01									
02215		XA402	05									SPP	01									
02216		XA402	06									SPP	01									
02217		XA402	07									SPP	01									
02218		XA402	08									SPP	01									
02219		XA402	09									SPP	01									
02220		XA402	10									SPP	01									
02221		XA402	11									SPP	01									
00055		XA402	12									+5V	01									
02222		XA402	13									SPP	01									
02223		XA402	14									SPP	01									
02224		XA402	15									SPP	01									
00573		XA402	16									GND	01									
02225		XA402	17									SPP	01									
02226		XA402	18									SPP	01									
CONNECTOR	XA402	CONTINUED ON THE NEXT PAGE ***																				

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DATA SYSTEMS DIVISION
LITTON SYSTEMS INC.
LITTON INDUSTRIES

DRAWING NUMBER 149016-880

CONNECTOR UNIT ASSEMBLY NO. 149016

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RECORD NUMBER	FROM				TO				WIRE				SIGNAL	SEQ NO	EQUATION	TERM	FACTOR	CKT OR CHIP TYPE	GROUP	LOAD OR POWER PLANE	TEST POINTS AND OR	SIGNAL DESCRIPTION	ECO NO	
	PREFIX	CONNECTOR	PIN	PLATE	PREFIX	CONNECTOR	PIN	PLATE	MULTI GROUP	CODE	COLOR	IDENT												
02227		XA402	19										SPP	01										
02228		XA402	20										SPP	01										
02229		XA402	21										SPP	01										
02230		XA402	22										SPP	01										
02231		XA402	23										SPP	01										
02232		XA402	24										SPP	01										
02233		XA402	25										SPP	01										
02234		XA402	26										SPP	01										
02235		XA402	27										SPP	01										
00056		XA402	28										+5V	01										
02236		XA402	29										SPP	01										
02237		XA402	30										SPP	01										
02238		XA402	31										SPP	01										
00574		XA402	32										GND	01										
02239		XA402	33										SPP	01										
02240		XA402	34										SPP	01										
02241		XA402	35										SPP	01										
02242		XA402	36										SPP	01										
02243		XA402	37										SPP	01										
02244		XA402	38										SPP	01										
02245		XA402	39										SPP	01										
02246		XA402	40										SPP	01										
02247		XA402	41										SPP	01										
02248		XA402	42										SPP	01										
02249		XA402	43										SPP	01										
00575		XA402	44										GND	01										
02250		XA402	45										SPP	01										
02251		XA402	46										SPP	01										
02252		XA402	47										SPP	01										
02253		XA402	48										SPP	01										
02254		XA402	49										SPP	01										
02255		XA402	50										SPP	01										
02256		XA402	51										SPP	01										
02257		XA402	52										SPP	01										
02258		XA402	53										SPP	01										
02259		XA402	54										SPP	01										
02260		XA402	55										SPP	01										
02261		XA402	56										SPP	01										
02262		XA402	57										SPP	01										
00576		XA402	58										GND	01										
02263		XA402	59										SPP	01										
02264		XA402	60										SPP	01										
02265		XA402	61										SPP	01										
02266		XA402	62										SPP	01										
02267		XA402	63										SPP	01										
02268		XA402	64										SPP	01										
02269		XA402	65										SPP	01										
02270		XA402	66										SPP	01										
00577		XA402	67										GND	01										
02271		XA402	68										SPP	01										
CONNECTOR		XA402	CONTINUED ON THE NEXT PAGE ****																					

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DATA SYSTEMS DIVISION
LITTON SYSTEMS INC.
LITTON INDUSTRIES

DRAWING NUMBER 149016-880

UNIT ASSEMBLY NAME CARD CAGE ASSY, A, IFCU

CONNECTOR

UNIT ASSEMBLY NO. 149016

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LITTON	UNIT ASSEMBLY NAME CARD CAGE ASSY, A, IFCU													T39C1FC6				09-03-82		268								
RECORD NUMBER	FROM				TO				WIRE					SIGNAL	SEQ 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	SH	MULTI GROUP	CODE	COLOR	IDENT	SPEC INST															
02272		XA402	69											SPP	01													
02273		XA402	70											SPP	01													
02274		XA402	71											SPP	01													
02275		XA402	72											SPP	01													
02276		XA402	73											SPP	01													
02277		XA402	74											SPP	01													
02278		XA402	75											SPP	01													
02279		XA402	76											SPP	01													
02280		XA402	77											SPP	01													
02281		XA402	78											SPP	01													
02282		XA402	79											SPP	01													
02283		XA402	80											SPP	01													
02284		XA403	01											SPP	01													
00578		XA403	02											GND	01													
02285		XA403	03											SPP	01													
02286		XA403	04											SPP	01													
02287		XA403	05											SPP	01													
02288		XA403	06											SPP	01													
02289		XA403	07											SPP	01													
02290		XA403	08											SPP	01													
02291		XA403	09											SPP	01													
02292		XA403	10											SPP	01													
02293		XA403	11											SPP	01													
00057		XA403	12											+5V	01													
02294		XA403	13											SPP	01													
02295		XA403	14											SPP	01													
02296		XA403	15											SPP	01													
00579		XA403	16											GND	01													
02297		XA403	17											SPP	01													
02298		XA403	18											SPP	01													
02299		XA403	19											SPP	01													
02300		XA403	20											SPP	01													
02301		XA403	21											SPP	01													
02302		XA403	22											SPP	01													
02303		XA403	23											SPP	01													
02304		XA403	24											SPP	01													
02305		XA403	25											SPP	01													
02306		XA403	26											SPP	01													
02307		XA403	27											SPP	01													
00058		XA403	28											+5V	01													
02308		XA403	29											SPP	01													
02309		XA403	30											SPP	01													
02310		XA403	31											SPP	01													
00580		XA403	32											GND	01													
02311		XA403	33											SPP	01													
02312		XA403	34											SPP	01													
02313		XA403	35											SPP	01													
02314		XA403	36											SPP	01													
CONNECTOR		XA403	CONTINUED ON THE NEXT PAGE ****																									

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DATA SYSTEMS DIVISION
LITTON SYSTEMS INC.
LITTON INDUSTRIES

DRAWING NUMBER 149016-880

UNIT ASSEMBLY NAME CARD CAGE ASSY, A, IFCU

CONNECTOR

UNIT ASSEMBLY NO. 149016

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RECORD NUMBER	FROM			TO				WIRE				SPP INST. WIRE	SIGNAL	SEQ NO	EQUATION	TERM	FACTOR	CKT OR CHIP TYPE	GROUP	LOAD OR POWER PLANE	TEST POINTS AND OR	SIGNAL DESCRIPTION	ECO NO
	PREFIX	CONNECTOR	PIN	PREFIX	CONNECTOR	PIN	SH FTG	MULTI GROUP	CODE	COLOR	IDENT												
02315		XA403	37									SPP	01										
02316		XA403	38									SPP	01										
02317		XA403	39									SPP	01										
02318		XA403	40									SPP	01										
02319		XA403	41									SPP	01										
02320		XA403	42									SPP	01										
02321		XA403	43									SPP	01										
00581		XA403	44									GND	01										
02322		XA403	45									SPP	01										
02323		XA403	46									SPP	01										
02324		XA403	47									SPP	01										
02325		XA403	48									SPP	01										
02326		XA403	49									SPP	01										
02327		XA403	50									SPP	01										
02328		XA403	51									SPP	01										
02329		XA403	52									SPP	01										
02330		XA403	53									SPP	01										
02331		XA403	54									SPP	01										
02332		XA403	55									SPP	01										
02333		XA403	56									SPP	01										
02334		XA403	57									SPP	01										
00582		XA403	58									GND	01										
02335		XA403	59									SPP	01										
02336		XA403	60									SPP	01										
02337		XA403	61									SPP	01										
02338		XA403	62									SPP	01										
02339		XA403	63									SPP	01										
02340		XA403	64									SPP	01										
02341		XA403	65									SPP	01										
02342		XA403	66									SPP	01										
00583		XA403	67									GND	01										
02343		XA403	68									SPP	01										
02344		XA403	69									SPP	01										
02345		XA403	70									SPP	01										
02346		XA403	71									SPP	01										
02347		XA403	72									SPP	01										
02348		XA403	73									SPP	01										
02349		XA403	74									SPP	01										
02350		XA403	75									SPP	01										
02351		XA403	76									SPP	01										
02352		XA403	77									SPP	01										
02353		XA403	78									SPP	01										
02354		XA403	79									SPP	01										
02355		XA403	80									SPP	01										
02356		XA404	01									SPP	01										
00584		XA404	02									GND	01										
02357		XA404	03									SPP	01										
02358		XA404	04									SPP	01										
CONNECTOR		XA404	CONTINUED ON THE NEXT PAGE ***																				

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DATA SYSTEMS DIVISION
LITTON SYSTEMS INC.
LITTON INDUSTRIES

DRAWING NUMBER 149016-880

UNIT ASSEMBLY NAME CARD CAGE ASSY, A, IFCU

CONNECTOR

UNIT ASSEMBLY NO. 149016

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UNIT ASSEMBLY NAME CARD CAGE ASSY, A, IFCU													FILE IDENT T39C1FC6				DATE 09-03-82		PAGE 270								
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	PL	PREFIX	CONNECTOR	PIN	PL	MULTI GROUP	CODE	COLOR	IDENT	SPEC INET									DESC	AND			OR	
02359		XA404	05											SPP	01												
02360		XA404	06											SPP	01												
02361		XA404	07											SPP	01												
02362		XA404	08											SPP	01												
02363		XA404	09											SPP	01												
02364		XA404	10											SPP	01												
02365		XA404	11											SPP	01												
00059		XA404	12											+5V	01												
02366		XA404	13											SPP	01												
02367		XA404	14											SPP	01												
02368		XA404	15											SPP	01												
00585		XA404	16											GND	01												
02369		XA404	17											SPP	01												
02370		XA404	18											SPP	01												
02371		XA404	19											SPP	01												
02372		XA404	20											SPP	01												
02373		XA404	21											SPP	01												
02374		XA404	22											SPP	01												
02375		XA404	23											SPP	01												
02376		XA404	24											SPP	01												
02377		XA404	25											SPP	01												
02378		XA404	26											SPP	01												
02379		XA404	27											SPP	01												
00060		XA404	28											+5V	01												
02380		XA404	29											SPP	01												
02381		XA404	30											SPP	01												
02382		XA404	31											SPP	01												
00586		XA404	32											GND	01												
02383		XA404	33											SPP	01												
02384		XA404	34											SPP	01												
02385		XA404	35											SPP	01												
02386		XA404	36											SPP	01												
02387		XA404	37											SPP	01												
02388		XA404	38											SPP	01												
02389		XA404	39											SPP	01												
02390		XA404	40											SPP	01												
02391		XA404	41											SPP	01												
02392		XA404	42											SPP	01												
02393		XA404	43											SPP	01												
00587		XA404	44											GND	01												
02394		XA404	45											SPP	01												
02395		XA404	46											SPP	01												
02396		XA404	47											SPP	01												
02397		XA404	48											SPP	01												
02398		XA404	49											SPP	01												
02399		XA404	50											SPP	01												
02400		XA404	51											SPP	01												
02401		XA404	52											SPP	01												
02402		XA404	53											SPP	01												
02403		XA404	54											SPP	01												
		CONNECTOR	XA404																								

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DATA SYSTEMS DIVISION
LITTON SYSTEMS INC.
LITTON INDUSTRIES

DRAWING NUMBER 149016-880

UNIT ASSEMBLY NAME CARD CAGE ASSY, A, IFCU

CONNECTOR

UNIT ASSEMBLY NO. 149016

FILE IDENT

T39C1FC6

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RECORD NUMBER	FROM				TO				WIRE				SIGNAL	SEQ NO	EQUATION	TERM	FACTOR	CKT OR CHIP TYPE	GROUP	LOAD OR POWER PLANE	TEST POINTS		SIGNAL DESCRIPTION	ECO NO
	PREFIX	CONNECTOR	PIN	INFO	PREFIX	CONNECTOR	PIN	INFO	MULTI GROUP	CODE	COLOR	IDENT									AND	OR		
02404		XA404	55										SPP	01										
02405		XA404	56										SPP	01										
02406		XA404	57										SPP	01										
00588		XA404	58										GND	01										
02407		XA404	59										SPP	01										
02408		XA404	60										SPP	01										
02409		XA404	61										SPP	01										
02410		XA404	62										SPP	01										
02411		XA404	63										SPP	01										
02412		XA404	64										SPP	01										
02413		XA404	65										SPP	01										
02414		XA404	66										SPP	01										
00589		XA404	67										GND	01										
02415		XA404	68										SPP	01										
02416		XA404	69										SPP	01										
02417		XA404	70										SPP	01										
02418		XA404	71										SPP	01										
02419		XA404	72										SPP	01										
02420		XA404	73										SPP	01										
02421		XA404	74										SPP	01										
02422		XA404	75										SPP	01										
02423		XA404	76										SPP	01										
02424		XA404	77										SPP	01										
02425		XA404	78										SPP	01										
02426		XA404	79										SPP	01										
02427		XA404	80										SPP	01										
02428		XA405	01										SPP	01										
00590		XA405	02										GND	01										
02429		XA405	03										SPP	01										
02430		XA405	04										SPP	01										
02431		XA405	05										SPP	01										
02432		XA405	06										SPP	01										
02433		XA405	07										SPP	01										
02434		XA405	08										SPP	01										
02435		XA405	09										SPP	01										
02436		XA405	10										SPP	01										
02437		XA405	11										SPP	01										
00061		XA405	12										+5V	01										
02438		XA405	13										SPP	01										
02439		XA405	14										SPP	01										
02440		XA405	15										SPP	01										
00591		XA405	16										GND	01										
02441		XA405	17										SPP	01										
02442		XA405	18										SPP	01										
02443		XA405	19										SPP	01										
02444		XA405	20										SPP	01										
02445		XA405	21										SPP	01										
02446		XA405	22										SPP	01										
	CONNECTOR	XA405	CONTINUED ON THE NEXT PAGE ****																					

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DATA SYSTEMS DIVISION
LITTON SYSTEMS INC.
LITTON INDUSTRIES

DRAWING NUMBER 149016-880

UNIT ASSEMBLY NAME CARD CAGE ASSY, A, IFCU

CONNECTOR

UNIT ASSEMBLY NO. 149016

FILE IDENT

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RECORD NUMBER	FROM			TO				WIRE			SIGNAL	SEQ NO	EQUATION	TERM	FACTOR	CKT OR CHIP TYPE	GROUP	LOAD OR POWER PLANE	TEST POINTS AND OR	SIGNAL DESCRIPTION	ECO NO
	PREFIX	CONNECTOR	PIN	PREFIX	CONNECTOR	PIN	MULTI GROUP	CODE	COLOR	IDENT											
02447		XA405	23								SPP	01									
02448		XA405	24								SPP	01									
02449		XA405	25								SPP	01									
02450		XA405	26								SPP	01									
02451		XA405	27								SPP	01									
00062		XA405	28								+5V	01									
02452		XA405	29								SPP	01									
02453		XA405	30								SPP	01									
02454		XA405	31								SPP	01									
00592		XA405	32								GND	01									
02455		XA405	33								SPP	01									
02456		XA405	34								SPP	01									
02457		XA405	35								SPP	01									
02458		XA405	36								SPP	01									
02459		XA405	37								SPP	01									
02460		XA405	38								SPP	01									
02461		XA405	39								SPP	01									
02462		XA405	40								SPP	01									
02463		XA405	41								SPP	01									
02464		XA405	42								SPP	01									
02465		XA405	43								SPP	01									
00593		XA405	44								GND	01									
02466		XA405	45								SPP	01									
02467		XA405	46								SPP	01									
02468		XA405	47								SPP	01									
02469		XA405	48								SPP	01									
02470		XA405	49								SPP	01									
02471		XA405	50								SPP	01									
02472		XA405	51								SPP	01									
02473		XA405	52								SPP	01									
02474		XA405	53								SPP	01									
02475		XA405	54								SPP	01									
02476		XA405	55								SPP	01									
02477		XA405	56								SPP	01									
02478		XA405	57								SPP	01									
00594		XA405	58								GND	01									
02479		XA405	59								SPP	01									
02480		XA405	60								SPP	01									
02481		XA405	61								SPP	01									
02482		XA405	62								SPP	01									
02483		XA405	63								SPP	01									
02484		XA405	64								SPP	01									
02485		XA405	65								SPP	01									
02486		XA405	66								SPP	01									
00595		XA405	67								GND	01									
02487		XA405	68								SPP	01									
02488		XA405	69								SPP	01									
02489		XA405	70								SPP	01									
02490		XA405	71								SPP	01									
02491		XA405	72								SPP	01									
CONNECTOR	XA405	CONTINUED ON THE NEXT PAGE ****																			

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DATA SYSTEMS DIVISION
LITTON SYSTEMS INC.
LITTON INDUSTRIES

DRAWING NUMBER 149016-880

UNIT ASSEMBLY NAME CARD CAGE ASSY, A, IFCU

CONNECTOR

UNIT ASSEMBLY NO. 149016

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	INFO	PREFIX	CONNECTOR	PIN	INFO	MULTI GROUP	CODE	COLOR	IDENT											
02492		XA405	73										SPP	01									
02493		XA405	74										SPP	01									
02494		XA405	75										SPP	01									
02495		XA405	76										SPP	01									
02496		XA405	77										SPP	01									
02497		XA405	78										SPP	01									
02498		XA405	79										SPP	01									
02499		XA405	80										SPP	01									
06153		XA406	01		XA407	04				16B	9		TTS2BR	01	TTS2BR	00	1	TQ2	A2		02B		
00596		XA406	02									GND	01					TQ2			01A		
05419		XA406	03									TRWSOR	03	TRWS3A	01	1	TQ2	A3			02A		
06166		XA406	04									TTS2BS	11	TTS2BR	01	1	TQ2	A2			04A		
06169		XA406	05		XA408	38				16B	9	TTS21A	01	TTS2BR	01	2	TQ2	A2			03B		
06129		XA406	06		XA407	08				16B	9	TTS1BR	01	TTS1BR	00	1	TQ2	A1			05A		
05790		XA406	07									TSCK3B	73	TRWS3A	01	2	TQ2	A3			03A		
06138		XA406	08									TTS1BS	07	TTS1BR	01	1	TQ2	A1			06A		
05434		XA406	09		XA409	03				16B	9	TRWS3A	01	TRWS3A	00	1	TQ2	A3			04B		
06141		XA406	10		XA408	21				16B	9	TTS11A	01	TTS1BR	01	2	TQ2	A1			07A		
05429		XA406	11		XA407	15				16B	9	TRWS1S	01	TRWS1A	01	1	TQ2	A4			05B		
00063		XA406	12									+5V	01				TQ2						
05714		XA406	13		XA406	73				16B	9	TSCK1B	61	TRWS1A	01	2	TQ2	A4			06B		
06209		XA406	14		XA407	18				16B	9	TTS4BR	01	TTS4BR	00	1	TQ2	B2			09A		
05426		XA406	15									TRWS1A	02	TRWS1A	00	1	TQ2	A4			07B		
00597		XA406	16									GND	01				TQ2				01B		
03691		XA406	17		XA502	24				16B	9	TCILK0	02	TS1590	01	1	TQ2	B3			08B		
06222		XA406	18									TTS4RS	11	TTS4BR	01	1	TQ2	B2			10A		
01219		XA406	19		XA411	13				16B	9	SPI001	12	TS1590	01	2	TQ2	B3			09B		
06225		XA406	20		XA408	45				16B	9	TTS41A	01	TTS4BR	01	2	TQ2	B2			11A		
06019		XA406	21		XA424	34				16B	9	TS1590	01	TS1590	00	1	TQ2	B3			10B		
06181		XA406	22		XA407	24				16B	9	TTS3BR	01	TTS3BR	00	1	TQ2	B1			12A		
05424		XA406	23									TRWS0S	05	TRWS0A	01	1	TQ2	B4			11B		
06194		XA406	24									TTS3BS	11	TTS3BR	01	1	TQ2	B1			13A		
05789		XA406	25		XA406	07				16B	9	TSCK3B	72	TRWS0A	01	2	TQ2	B4			12B		
06197		XA406	26		XA408	33				16B	9	TTS31A	01	TTS3BR	01	2	TQ2	B1			14A		
05415		XA406	27		XA407	13				16B	9	TRWS0A	01	TRWS0A	00	1	TQ2	B4			13B		
00064		XA406	28									+5V	01				TQ2						
05902		XA406	29									TSRS00	03	TSRS0A	01	1	TQ2	C3			14B		
05882		XA406	30									TSPNIR	05	TSPNIR	00	1	TQ2	C2			15A		
01216		XA406	31		XA407	31				16B	9	SPI001	09	TSRS0A	01	2	TQ2	C3			15B		
00598		XA406	32									GND	01				TQ2				20B		
05899		XA406	33									TSRS0A	05	TSRS0A	00	1	TQ2	C3			16B		
05887		XA406	34		XA408	65				16B	9	TSPNIS	05	TSPNIR	01	1	TQ2	C2			16A	802	
04145		XA406	35		XA407	39				16B	9	TDSC0A	01	TDSC00	01	1	TQ2	C4			17B		
05876		XA406	36		XA407	51				16B	9	TSPI1A	01	TSPNIR	01	2	TQ2	C2			17A		
01215		XA406	37		XA406	31				16B	9	SPI001	08	TDSC00	01	2	TQ2	C4			18B		
04070		XA406	38		XA407	40				16B	9	TDIRIR	01	TDIRIR	00	1	TQ2	C1			18A		
04149		XA406	39									TDSC00	02	TDSC00	00	1	TQ2	C4			19B		
04081		XA406	40		XA407	38				16B	9	TDIRIS	05	TDIRIR	01	1	TQ2	C1			19A		
		CONNECTOR XA406			CONTINUED ON THE NEXT PAGE					***													

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DATA SYSTEMS DIVISION
LITTON SYSTEMS INC.
LITTON INDUSTRIES

DRAWING NUMBER 149016-880

UNIT ASSEMBLY NAME CARD CAGE ASSY, A, IFCU

CONNECTOR

UNIT ASSEMBLY NO. 149016

FILE IDENT

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RECORD NUMBER	FROM			TO				WIRE		SIGNAL	SEQ NO	EQUATION	TERM	FACTOR	CKT OR CHIP TYPE	GROUP	LOAD OR POWER PLANE	TEST POINTS AND OR	SIGNAL DESCRIPTION	ECO NO	
	PREFIX	CONNECTOR	PIN	PREFIX	CONNECTOR	PIN	SH FT	MULTI GROUP	CODE												COLOR
04552		XA406	41		XA412	71			16B	9		TKC01P	01	TKC290	01	1	TQ2	D3	22B		
04092		XA406	42		XA408	51			16B	9		TDR11A	01	TDIRIR	01	2	TQ2	C1	20A		
04562		XA406	43		XA412	72			16B	9		TKC29A	01	TKC290	01	2	TQ2	D3	23B		
00599		XA406	44									GND	01				TQ2		21B		
04565		XA406	45									TKC290	02	TKC290	00	1	TQ2	D3	24B		
05875		XA406	46									TSPIOA	02	TSPIOA	00	1	TQ2	D2	21A		
05963		XA406	47									TSTR0R	02	TSTROS	01	1	TQ2	D4	25B		
05891		XA406	48		XA540	23			16B	9		TSPNSQ	02	TSPIOA	01	1	TQ2	D2	22A		
05960		XA406	49		XA525	33			16B	9		TSTROA	01	TSTROS	01	2	TQ2	D4	26B	D02	
05942		XA406	50		XA407	49			16B	9		TSTP2S	02	TSPIOA	01	2	TQ2	D2	23A		
05966		XA406	51		XA409	75			16B	9		TSTROS	03	TSTROS	00	1	TQ2	D4	27B	START DELAY BIT 0	
04090		XA406	52		XA407	42			16B	9		TDRIOA	01	TDRIOA	00	1	TQ2	D1	24A		
04101		XA406	53		XA518	19			16B	9		TDRS00	01	TDRS0A	01	1	TQ2	E3	28B		
04086		XA406	54		XA505	08			16B	9		TDIRSQ	01	TDRIOA	01	1	TQ2	D1	25A		
01214		XA406	55		XA406	37			16B	9		SPIO01	07	TDRS0A	01	2	TQ2	E3	29B		
05941		XA406	56		XA406	50			16B	9		TSTP2S	01	TDRIOA	01	2	TQ2	D1	26A		
04096		XA406	57		XA528	04			16B	9		TDRS0A	01	TDRS0A	00	1	TQ2	E3	30B		
00600		XA406	58									GND	01				TQ2		27A		
07740		XA406	59									TXXA3Q	03	TXXBK0	01	1	TQ2	E4	31B		
05993		XA406	60									TSTR3R	03	TSTR3R	00	1	TQ2	E2	28A		
01213		XA406	61		XA406	55			16B	9		SPIO01	06	TXXBK0	01	2	TQ2	E4	32B		
05994		XA406	62		XA407	52			16B	9		TSTR3S	01	TSTR3R	01	1	TQ2	E2	29A		
07775		XA406	63									TXXBK0	04	TXXBK0	00	1	TQ2	E4	33B	I/O BYTE COUNTER	
05977		XA406	64		XA406	68			16B	9		TSTR1S	04	TSTR3R	01	2	TQ2	E2	30A		
05986		XA406	65		XA409	36			16B	9		TSTR2S	02	TSTR1A	01	1	TQ2	F3	34B		
05989		XA406	66		XA407	56			16B	9		TSTR3A	01	TSTR3A	00	1	TQ2	E1	31A		
00601		XA406	67									GND	01				TQ2		40A		
05978		XA406	68									TSTR1S	05	TSTR3A	01	1	TQ2	E1	32A		
05969		XA406	69		XA409	77			16B	9		TSTR1A	01	TSTR1A	00	1	TQ2	F3	35A		
03523		XA406	70									TBOTOS	07	TSTR3A	01	2	TQ2	E1	33A		
04424		XA406	71		XA407	71			16B	9		TFST1R	02	TFST3A	01	1	TQ2	F2	36A		
04437		XA406	72		XA409	76			16B	9		TFST3A	01	TFST3A	00	1	TQ2	F2	34A		
05715		XA406	73		XA502	25			16B	9		TSCK1B	62	TFST3A	01	2	TQ2	F2	36B		
05784		XA406	74		XA408	55			16B	9		TSCK3B	67	TSTR1A	01	2	TQ2	F3	35B		
06027		XA406	75		XA407	77			16B	9		TS23S0	01	TS23S0	00	1	TQ2	F1	37B		
04416		XA406	76		XA408	73			16B	9		TFSTOS	01	TFSTRA	01	1	TQ2	F4	37A		
07124		XA406	77		XA507	22			16B	9		TXDPEA	01	TS23S0	01	1	TQ2	F1	38B		
04423		XA406	78		XA406	71			16B	9		TFST1R	01	TFSTRA	01	2	TQ2	F4	38A		
07986		XA406	79		XA431	27			16B	9		TX00EA	01	TS23S0	01	2	TQ2	F1	39B		
04410		XA406	80		XA418	05			16B	9		TFSTRA	01	TFSTRA	00	1	TQ2	F4	39A		
06165		XA407	01		XA406	04			16B	9		TTS2BS	10	TTS2BS	00	1	TQ2	A2	02B	TRANSPORT 2 SELECT	
00602		XA407	02									GND	01				TQ2		01A		
05418		XA407	03		XA406	03			16B	9		TRWSOR	02	TRWSOS	01	1	TQ2	A3	02A		
06154		XA407	04		XA543	62			16B	9		TTS2BR	02	TTS2BS	01	1	TQ2	A2	04A		
06168		XA407	05									TTS20A	02	TTS2BS	01	2	TQ2	A2	03B		
06137		XA407	06		XA406	08			16B	9		TTS1BS	06	TTS1BS	00	1	TQ2	A1	05A	TRANSPORT 1 SELECT	
06000		XA407	07		XA409	42			16B	9		TSTR6A	01	TRWSOS	01	2	TQ2	A3	03A		
06130		XA407	08		XA543	68			16B	9		TTS1BR	02	TTS1BS	01	1	TQ2	A1	04A		
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DATA SYSTEMS DIVISION
LITTON SYSTEMS INC.
LITTON INDUSTRIES

DRAWING NUMBER 149016-880

CONNECTOR UNIT ASSEMBLY NO. 149016

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RECORD NUMBER	FROM			TO			WIRE				SIGNAL	SEQ NO	EQUATION	TERM	FACTOR	CKT OR CHIP TYPE	GROUP	LOAD OR POWER PLANE	TEST POINTS		SIGNAL DESCRIPTION	ECO NO	
	PREFIX	CONNECTOR	PIN	PREFIX	CONNECTOR	PIN	MULTI GROUP	CODE	COLOR	IDENT									AND	OR			
05423		XA407	09		XA406	23					TRWS0S	04	TRWS0S	00	1	TQ2	A3		04B		REWIND COUNTER BIT		
06140		XA407	10								TTS10A	02	TTS1BS	01	2	TQ2	A1		07A				
05427		XA407	11		XA409	07					TRWS1R	01	TRWS1S	01	1	TQ2	A4		05B				
00065		XA407	12								+5V	01											
05416		XA407	13								TRWS0A	02	TRWS1S	01	2	TQ2	A4		06B				
06221		XA407	14		XA406	18					TTS4BS	10	TTS4BS	00	1	TQ2	B2		09A		TRANSPORT 4 SELECT		
05430		XA407	15		XA409	01					TRWS1S	02	TRWS1S	00	1	TQ2	A4		07B		REWIND COUNTER BIT		
00603		XA407	16								GND	01							01B				
05181		XA407	17								TREWIP	03	TCSD10	01	1	TQ2	B3		08B				
06210		XA407	18		XA543	59					TTS4BR	02	TTS4BS	01	1	TQ2	B2		10A				
05173		XA407	19		XA425	09					TREWDP	03	TCSD10	01	2	TQ2	B3		09B				
06223		XA407	20		XA408	39					TTS40A	01	TTS4BS	01	2	TQ2	B2		11A				
03780		XA407	21		XA410	14					TCSD10	01	TCSD10	00	1	TQ2	B3		10B				
06193		XA407	22		XA406	24					TTS3BS	10	TTS3BS	00	1	TQ2	B1		12A		TRANSPORT 3 SELECT		
05936		XA407	23		XA409	34					TSTP2R	01	TTSC90	01	1	TQ2	B4		11B				
06182		XA407	24		XA543	53					TTS3BR	02	TTS3BS	01	1	TQ2	B1		13A				
01218		XA407	25		XA406	19					SPI001	11	TTSC90	01	2	TQ2	B4		12B				
06195		XA407	26		XA408	30					TTS30A	01	TTS3BS	01	2	TQ2	B1		14A				
06118		XA407	27		XA408	31					TTSC90	04	TTSC90	00	1	TQ2	B4		13B				
00066		XA407	28								+5V	01											
05901		XA407	29		XA406	29					TSRS00	02	TSRS1A	01	1	TQ2	C3		14B				
05886		XA407	30		XA406	34					TSPNIS	04	TSPNIS	00	1	TQ2	C2		15A		OLD SPEED F/E (7.5		
01217		XA407	31		XA407	25					SPI001	10	TSRS1A	01	2	TQ2	C3		15B				
00604		XA407	32								GND	01							20B				
05907		XA407	33								TSRS1A	05	TSRS1A	00	1	TQ2	C3		16B				
05881		XA407	34		XA406	30					TSPNIR	04	TSPNIS	01	1	TQ2	C2		16A				
04151		XA407	35								TDSC1ER	02	TDSC0A	01	1	TQ2	C4		17B				
05874		XA407	36		XA406	46					TSP10A	01	TSPNIS	01	2	TQ2	C2		17A				
04152		XA407	37		XA540	27					TDSC2ER	01	TDSC0A	01	2	TQ2	C4		18B				
04082		XA407	38								TDIRIS	06	TDIRIS	00	1	TQ2	C1		18A		OLD DIRECTION F/E		
04146		XA407	39		XA433	78					TDSC0A	02	TDSC0A	00	1	TQ2	C4		19B				
04071		XA407	40		XA408	54					TDIRIR	02	TDIRIS	01	1	TQ2	C1		19A				
03897		XA407	41								TC51BP	02	T200MA	01	1	TQ2	D3		22B			D01	
04091		XA407	42								TDRI0A	02	TDIRIS	01	2	TQ2	C1		20A				
03913		XA407	43								TC52BQ	03	T200MA	01	2	TQ2	D3		23B			D01	
00605		XA407	44								GND	01							21B				
08106		XA407	45		XA520	11					T200MA	01	T200MA	00	1	TQ2	D3		24B		MAIN COUNT 500MS	D01	
06005		XA407	46								TSTR7A	02	TSTR7A	00	1	TQ2	D2		21A				
05889		XA407	47								TSPNSP	02	TSPI1A	01	1	TQ2	D4		25B				
08097		XA407	48								T200MD	03	TSTR7A	01	1	TQ2	D2		22A			D01	
05943		XA407	49		XA408	49					TSTP2S	03	TSPI1A	01	2	TQ2	D4		26B			D01	
06585		XA407	50								TWRITP	07	TSTR7A	01	2	TQ2	D2		23A			D01	
05877		XA407	51								TSPI1A	02	TSPI1A	00	1	TQ2	D4		27B				
05995		XA407	52		XA410	30					TSTR3S	02	TSTR3S	00	1	TQ2	D1		24A		START DELAY BIT 3		
04696		XA407	53								TLRCAA	02	TLRCA0	01	1	TQ2	E3		28B				
05992		XA407	54		XA406	60					TSTR3R	02	TSTR3S	01	1	TQ2	D1		25A				
01211		XA407	55		XA406	61					SPI001	04	TLRCA0	01	2	TQ2	E3		29B				
05990		XA407	56		XA418	13					TSTR3A	02	TSTR3S	01	2	TQ2	D1		26A			E03	
04698		XA407	57								TLRCA0	02	TLRCA0	00	1	TQ2	E3		30B				
00606		XA407	58								GND	01							27A				
CONNECTOR XA407 CONTINUED ON THE NEXT PAGE ***																							

H78-14-1720

DATA SYSTEMS DIVISION
LITTON SYSTEMS INC.
LITTON INDUSTRIES

DRAWING NUMBER 149016-880

UNIT ASSEMBLY NAME CARD CAGE ASSY, A, IFCU

CONNECTOR

UNIT ASSEMBLY NO. 149016

FILE IDENT T39C1FC6

REV. E

DATE 09-03-82

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RECORD NUMBER	FROM				TO				WIRE				SIGNAL	SEQ NO	EQUATION	TERM	FACTOR	CKT OR CHIP TYPE	GROUP	LOAD OR POWER PLANE	TEST POINTS AND OR	SIGNAL DESCRIPTION	ECO NO
	PREFIX	CONNECTOR	PIN	IN FC	PREFIX	CONNECTOR	PIN	IN FC	MULTI GROUP	CODE	COLOR	IDENT											
01251		XA407	59			XA408	80			16B	9		TSTR5A	01	TSTR60	01	1	TQ2	E4		31B		
05909		XA407	60										TSTPRA	02	TSTPRA	00	1	TQ2	E2		28A		
01212		XA407	61			XA525	45			16B	9		T066MA	01	TSTR60	01	2	TQ2	E4		32B		E03
05919		XA407	62			XA408	64			16B	9		TSTPOS	01	TSTPRA	01	1	TQ2	E2		29A		
03380		XA407	63			XA410	48			16B	9		TSTR60	01	TSTR60	00	1	TQ2	E4		33B		
05928		XA407	64			XA408	60			16B	9		TSTP1R	03	TSTPRA	01	2	TQ2	E2		30A		
04433		XA407	65										TFST2R	02	TFST2S	01	1	TQ2	F3		34B		
05933		XA407	66										TSTP1S	03	TSTP1S	00	1	TQ2	E1		31A	STOP DELAY BIT 1	
00607		XA407	67										GND	01				TQ2			40A		
05927		XA407	68			XA407	64			16B	9		TSTP1R	02	TSTP1S	01	1	TQ2	E1		32A		
04435		XA407	69			XA409	69			16B	9		TFST2S	02	TFST2S	00	1	TQ2	F3		35A	FLYING START COUNT	
05951		XA407	70			XA409	63			16B	9		TSTP6A	02	TSTP1S	01	2	TQ2	E1		33A		
04425		XA407	71			XA408	72			16B	9		TFST1R	03	TFST1S	01	1	TQ2	F2		36A		
04427		XA407	72			XA408	71			16B	9		TFST1S	01	TFST1S	00	1	TQ2	F2		34A	FLYING START COUNT	
04430		XA407	73			XA409	43			16B	9		TFST2A	01	TFST1S	01	2	TQ2	F2		36B		
04440		XA407	74			XA409	51			16B	9		TFST4A	02	TFST2S	01	2	TQ2	F3		35B		
06025		XA407	75			XA526	03			16B	9		TS23SA	01	TS23SA	00	1	TQ2	F1		37B		
04581		XA407	76			XA506	36			16B	9		TLAD0S	01	TLADRA	01	1	TQ2	F4		37A		
06028		XA407	77										TS23S0	02	TS23SA	01	1	TQ2	F1		38B		
04591		XA407	78										TLAD1R	04	TLADRA	01	2	TQ2	F4		38A		
01208		XA407	79			XA407	55			16B	9		SPI001	01	TS23SA	01	2	TQ2	F1		39B		B02
04575		XA407	80										TLADRA	02	TLADRA	00	1	TQ2	F4		39A		
06110		XA408	01										TTSC2A	02	TTSC2A	00	1	TQ2	A2		02B		
00608		XA408	02										GND	01				TQ2			01A		
06178		XA408	03			XA408	34			16B	9		TTS3BQ	01	TTSC3A	01	1	TQ2	A3		02A		
06152		XA408	04										TTS2BQ	03	TTSC2A	01	1	TQ2	A2		04A		
06164		XA408	05			XA407	01			16B	9		TTS2BS	09	TTSC2A	01	2	TQ2	A2		03B		
06107		XA408	06			XA410	01			16B	9		TTSC1A	01	TTSC1A	00	1	TQ2	A1		05A		
06192		XA408	07			XA407	22			16B	9		TTS3BS	09	TTSC3A	01	2	TQ2	A3		03A		
06126		XA408	08			XA408	18			16B	9		TTS1BQ	01	TTSC1A	01	1	TQ2	A1		06A		
06111		XA408	09			XA410	05			16B	9		TTSC3A	01	TTSC3A	00	1	TQ2	A3		04B		
06136		XA408	10			XA407	06			16B	9		TTS1BS	05	TTSC1A	01	2	TQ2	A1		07A		
06208		XA408	11										TTS4BQ	03	TTSC4A	01	1	TQ2	A4		05B		
00067		XA408	12										+5V	01				TQ2					
06220		XA408	13			XA407	14			16B	9		TTS4BS	09	TTSC4A	01	2	TQ2	A4		06B		
06139		XA408	14			XA407	10			16B	9		TTS10A	01	TTSC10A	00	1	TQ2	B2		09A		
06114		XA408	15										TTSC4A	02	TTSC4A	00	1	TQ2	A4		07B		
00609		XA408	16										GND	01				TQ2			01B		
06125		XA408	17										TTS1BP	02	TTS11A	01	1	TQ2	B3		08B		
06127		XA408	18			XA541	13			16B	9		TTS1BQ	02	TTS10A	01	1	TQ2	B2		10A		
06116		XA408	19			XA408	25			16B	9		TTSC90	02	TTS11A	01	2	TQ2	B3		09B		
06115		XA408	20			XA408	19			16B	9		TTSC90	01	TTS10A	01	2	TQ2	B2		11A		
06142		XA408	21										TTS11A	02	TTS11A	00	1	TQ2	B3		10B		
05974		XA408	22			XA409	22			16B	9		TSTR1S	01	TSTR1S	00	1	TQ2	B1		12A	START DELAY BIT 1	
06151		XA408	23			XA408	04			16B	9		TTS2BQ	02	TTS20A	01	1	TQ2	B4		11B		
05972		XA408	24			XA509	09			16B	9		TSTR1R	02	TSTR1S	01	1	TQ2	B1		13A		
06117		XA408	25			XA407	27			16B	9		TTSC90	03	TTS20A	01	2	TQ2	B4		12B		
05981		XA408	26			XA410	23			16B	9		TSTR2A	03	TSTR1S	01	2	TQ2	B1		14A		
CONNECTOR		XA408	CONTINUED ON THE NEXT PAGE ****																				

CARD CAGE ASSY, A, IFCU										T39C1FC6				09-03-82		277							
RECORD NUMBER	FROM				TO				WIRE			SIGNAL	SEQ NO	EQUATION	TERM	FACTOR	CKT OR CHIP TYPE	GROUP	LOAD OR POWER PLANE	TEST POINTS AND OR	SIGNAL DESCRIPTION	ECO NO	
	PREFIX	CONNECTOR	PIN	CH	PREFIX	CONNECTOR	PIN	MULTI GROUP	CODE	COLOR	IDENT												
06167		XA408	27			XA407	05					TTS20A	01	TTS20A	00	1	TQ2	B4		13B			
00068		XA408	28						16B	9		+5V	01				TQ2						
06177		XA408	29									TTS38P	02	TTS31A	01	1	TQ2	C3		14B			
06196		XA408	30									TTS30A	02	TTS30A	00	1	TQ2	C2		15A			
06119		XA408	31			XA408	37		16B	9		TTSC90	05	TTS31A	01	2	TQ2	C3		15B			
00610		XA408	32									GND	01				TQ2			20B			
06198		XA408	33									TTS31A	02	TTS31A	00	1	TQ2	C3		16B			
06179		XA408	34			XA542	13		16B	9		TTS38Q	02	TTS30A	01	1	TQ2	C2		16A			
06207		XA408	35			XA408	11		16B	9		TTS48Q	02	TTS40A	01	1	TQ2	C4		17B			
06121		XA408	36			XA408	42		16B	9		TTSC90	07	TTS30A	01	2	TQ2	C2		17A			
06120		XA408	37			XA408	36		16B	9		TTSC90	06	TTS40A	01	2	TQ2	C4		18B			
06170		XA408	38									TTS21A	02	TTS21A	00	1	TQ2	C1		18A			
06224		XA408	39									TTS40A	02	TTS40A	00	1	TQ2	C4		19B			
06148		XA408	40			XA541	09		16B	9		TTS28P	01	TTS21A	01	1	TQ2	C1		19A			
06204		XA408	41			XA542	09		16B	9		TTS48P	01	TTS41A	01	1	TQ2	D3		22B			
06122		XA408	42			XA408	43		16B	9		TTSC90	08	TTS21A	01	2	TQ2	C1		20A			
06123		XA408	43									TTSC90	09	TTS41A	01	2	TQ2	D3		23B			
00611		XA408	44									GND	01				TQ2			21B			
06226		XA408	45									TTS41A	02	TTS41A	00	1	TQ2	D3		24B			
06007		XA408	46									TSTR80	02	TSTR80	00	1	TQ2	D2		21A			
04085		XA408	47									TDIRSP	03	TDR11A	01	1	TQ2	D4		25B			
06004		XA408	48			XA407	46		16B	9		TSTR7A	01	TSTR80	01	1	TQ2	D2		22A			
05944		XA408	49			XA408	68		16B	9		TSTP2S	04	TDR11A	01	2	TQ2	D4		26B			
08107		XA408	50			XA519	15		16B	9		T300MA	01	TSTR80	01	2	TQ2	D2		23A		D01	
04093		XA408	51									TDR11A	02	TDR11A	00	1	TQ2	D4		27B			
05404		XA408	52			XA502	06		16B	9		TRUN3A	01	TRUN3A	00	1	TQ2	D1		24A			
04434		XA408	53			XA407	69		16B	9		TFST2S	01	TFST1A	01	1	TQ2	E3		28B			
04072		XA408	54			XA509	60		16B	9		TDIRIR	03	TRUN3A	01	1	TQ2	D1		25A			
05785		XA408	55			XA410	79		16B	9		TSCK3B	68	TFST1A	01	2	TQ2	E3		29B			
03510		XA408	56									TBOT10X	06	TRUN3A	01	2	TQ2	D1		26A		D01	
04422		XA408	57									TFST1A	02	TFST1A	00	1	TQ2	E3		30B			
00612		XA408	58									GND	01				TQ2			27A			
04712		XA408	59									TLRCPO	03	TLRCBA	01	1	TQ2	E4		31B			
05929		XA408	60			XA409	30		16B	9		TSTP1R	04	TSTP1R	00	1	TQ2	E2		28A			
04697		XA408	61			XA407	57		16B	9		TLRCA0	01	TLRCBA	01	2	TQ2	E4		32B			
05932		XA408	62			XA407	66		16B	9		TSTP1S	02	TSTP1R	01	1	TQ2	E2		29A			
04701		XA408	63									TLRCBA	03	TLRCBA	00	1	TQ2	E4		33B			
05920		XA408	64			XA409	57		16B	9		TSTP0S	02	TSTP1R	01	2	TQ2	E2		30A			
01210		XA408	65			XA408	78		16B	9		TSPNIS	06	TSTP9A	01	1	TQ2	F3		34B		D01	
05925		XA408	66									TSTP1A	02	TSTP1A	00	1	TQ2	F1		31A			
00613		XA408	67									GND	01				TQ2			40A			
05945		XA408	68			XA409	74		16B	9		TSTP2S	05	TSTP1A	01	1	TQ2	F1		32A			
03381		XA408	69			XA432	35		16B	9		TSTP9A	01	TSTP9A	00	1	TQ2	F3		35A		B02	
05783		XA408	70			XA406	74		16B	9		TSCK3B	66	TSTP1A	01	2	TQ2	F1		33A			
04428		XA408	71			XA409	45		16B	9		TFST1S	02	TFST1R	01	1	TQ2	F2		36A			
04426		XA408	72									TFST1R	04	TFST1R	00	1	TQ2	F2		34A			
04417		XA408	73			XA410	57		16B	9		TFST0S	02	TFST1R	01	2	TQ2	F2		36B			
01253		XA408	74			XA522	72		16B	9		T082M0	01	TSTP9A	01	2	TQ2	F3		35B		E06	
05939		XA408	75			XA418	78		16B	9		TSTP2R	04	TSTP2R	00	1	TQ2	F1		37B			
01252		XA408	76									T033M0	03	TSTR5A	01	1	TQ2	F4		37A		E03	
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H78-14-1722

DATA SYSTEMS DIVISION
LITTON SYSTEMS INC.
LITTON INDUSTRIES

DRAWING NUMBER 149016-880

UNIT ASSEMBLY NAME CARD CAGE ASSY, A,RCU

CONNECTOR

UNIT ASSEMBLY NO. 149016

FILE IDENT T39C1FC6

REV. E

DATE 09-03-82

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LITTON CARD CAGE ASSY, A, RCU													T39C1FC6				09-03-82		PAGE 278		
RECORD NUMBER	FROM			TO				WIRE		SIGNAL	SEQ NO	EQUATION	TERM	FACTOR	CKT OR CHIP TYPE	GROUP	LOAD OR POWER PLANE	TEST POINTS		SIGNAL DESCRIPTION	ECO NO
	PREFIX	CONNECTOR	PIN	PREFIX	CONNECTOR	PIN	SIZE	MULTI GROUP	CODE									COLOR	IDENT		
05947		XA408	77							TSTP2S	07	TSTP2R	01	1	TQ2	F1		38B			
01209		XA408	78							TSPNIS	07	TSTR5A	01	2	TQ2	F4		38A			
05980		XA408	79		XA408	26				TSTR2A	02	TSTP2R	01	2	TQ2	F1		39B			
03382		XA408	80							TSTR5A	02	TSTR5A	00	1	TQ2	F4		39A			
05431		XA409	01							TRWS1S	03	TRWS1R	01	1	TT3	A2		02B			
00614		XA409	02							GND	01				TT3			01B			
05435		XA409	03							TRWS3A	02	TRWS1R	01	2	TT3	A2		02A			
05417		XA409	04		XA407	03			168	9	TRWSOR	01	1	TT3	A1		04A				
07412		XA409	05		XA409	35			168	9	TXRS1B	09	3	TT3	A2		03B				
05422		XA409	06		XA407	09			168	9	TRWSOS	03	1	TT3	A1		05A				
05428		XA409	07								TRWS1R	02	1	TT3	A2		03A				
05425		XA409	08		XA406	15			168	9	TRWS1A	01	2	TT3	A1		06A				
01266		XA409	09		XA515	77			168	9	TXEB1Q	005	1	TT3	A3		04B				
07410		XA409	10		XA410	13			168	9	TXRS1B	07	3	TT3	A1		07A				
01250		XA409	11		XA428	68			168	9	TEBZRA	005	2	TT3	A3		05B				
00069		XA409	12							+5V	01				TT3						
01220		XA409	13		XA411	27			168	9	TXCP30	005	3	TT3	A3		06B				
05178		XA409	14								TREWDQ	02	1	TT3	B2		09A				
03383		XA409	15		XA434	60			168	9	TEB5KA	01	1	TT3	A3		07B		EOB COUNTER CLOCK		
00615		XA409	16								GND	01			TT3		21B				
05421		XA409	17		XA409	06			168	9	TRWSOS	02	2	TT3	B2		08B				
05787		XA409	18		XA410	20			168	9	TSCK3B	70	3	TT3	B2		10A				
05433		XA409	19								TRWS2A	02	1	TT3	B2		09B				
05971		XA409	20		XA408	24			168	9	TSTR1R	01	1	TT3	B1		11A				
06022		XA409	21								TS23BP	02	1	TT3	B3		10B				
05975		XA409	22		XA410	43			168	9	TSTR1R	02	1	TT3	B1		12A				
06045		XA409	23		XA526	23			168	9	TS30BP	01	2	TT3	B3		11B				
05965		XA409	24		XA406	51			168	9	TSTROS	02	2	TT3	B1		13A				
06051		XA409	25		XA526	21			168	9	TS31BP	01	3	TT3	B3		12B				
05917		XA409	26		XA410	24			168	9	TSTPOR	08	3	TT3	B1		14A				
06031		XA409	27		XA421	51			168	9	TS2890	01	1	TT3	B3		13B				
00070		XA409	28							+5V	01				TT3						
05916		XA409	29		XA409	26			168	9	TSTPOR	07	1	TT3	C2		14B				
05930		XA409	30								TSTP1R	05	2	TT3	C2		15A				
05957		XA409	31								TSTRCO	02	1	TT3	C2		15B				
00616		XA409	32								GND	01			TT3		27A				
05837		XA409	33		XA506	14			168	9	TSNC2A	01	1	TT3	C3		16B				
05937		XA409	34		XA409	65			168	9	TSTP2R	02	3	TT3	C2		16A				
07413		XA409	35		XA410	42			168	9	TXRS1B	10	2	TT3	C3		17B				
05987		XA409	36		XA431	69			168	9	TSTR2S	03	1	TT3	C1		17A		START DELAY BIT 2		
01240		XA409	37		XA442	35			168	9	SPI001	33	3	TT3	C3		18B				
05984		XA409	38								TSTR2R	02	1	TT3	C1		18A				
05900		XA409	39		XA407	29			168	9	TSRS00	01	1	TT3	C3		19B				
05998		XA409	40		XA410	33			168	9	TSTR4A	02	2	TT3	C1		19A				
04420		XA409	41								TFSTOS	05	1	TT3	D2		22B				
06001		XA409	42		XA410	45			168	9	TSTR6A	02	3	TT3	C1		20A				
04431		XA409	43								TFST2A	02	1	TT3	D2		23B				
00617		XA409	44							GND	01				TT3		40A				
CONNECTOR		XA409	CONTINUED ON THE NEXT PAGE ****																		

H78-14-1723

DATA SYSTEMS DIVISION
LITTON SYSTEMS INC.
LITTON INDUSTRIES

DRAWING NUMBER 149016-880

UNIT ASSEMBLY NAME CARD CAGE ASSY, A, IFCU

CONNECTOR

UNIT ASSEMBLY NO. 149016

FILE IDENT T39C1FC6

REV. E

DATE 09-03-82

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RECORD NUMBER	FROM				TO				WIRE			SIGNAL	SEQ NO	EQUATION	TERM	FACTOR	CKT OR CHIP TYPE	GROUP	LOAD OR POWER PLANE	TEST POINTS		SIGNAL DESCRIPTION	ECO NO
	PREFIX	CONNECTOR	PIN	WIRE	PREFIX	CONNECTOR	PIN	WIRE	MULTI GROUP	CODE	COLOR									IDENT	AND		
04429	XA409	45										TFST1S	03	TFST4A	01	1	TT3	D3		24B			
03800	XA409	46			XA410	25				16B	9	TCZR00	04	TFST2A	01	2	TT3	D2		21A			
08063	XA409	47			XA408	76				16B	9	T033M0	02	TFST4A	01	2	TT3	D3		25B		E03	
05706	XA409	48			XA410	50				16B	9	TSCK1B	53	TFST2A	01	3	TT3	D2		22A			
05705	XA409	49			XA409	48				16B	9	TSCK1B	52	TFST4A	01	3	TT3	D3		26B			
04414	XA409	50			XA410	55				16B	9	TFSTOR	01	TFSTOR	00	1	TT3	D1		23A			
04441	XA409	51										TFST4A	03	TFST4A	00	1	TT3	D3		27B			
04419	XA409	52			XA409	41				16B	9	TFSTOS	04	TFSTOR	01	1	TT3	D1		24A			
04608	XA409	53			XA506	01				16B	9	TLAD3S	01	TSTP2A	01	1	TT3	E2		28B			
04421	XA409	54			XA408	57				16B	9	TFST1A	01	TFSTOR	01	2	TT3	D1		25A			
05935	XA409	55										TSTP2A	02	TSTP2A	00	1	TT3	E2		29B			
03497	XA409	56			XA409	79				16B	9	TBUSYS	03	TFSTOR	01	3	TT3	D1		26A			
05921	XA409	57			XA410	59				16B	9	TSTP0S	03	TSTP6A	01	1	TT3	E3		30B			
00618	XA409	58										GND	01							40B			
03799	XA409	59			XA409	46				16B	9	TCZR00	03	TSTP6A	01	2	TT3	E3		31B			
05818	XA409	60			XA503	46				16B	9	TSNCOR	03	TSTP2A	01	2	TT3	E2		28A			
05704	XA409	61			XA409	49				16B	9	TSCK1B	51	TSTP6A	01	3	TT3	E3		32B			
05782	XA409	62			XA408	70				16B	9	TSCK3B	65	TSTP2A	01	3	TT3	E2		29A			
05952	XA409	63			XA431	76				16B	9	TSTP6A	03	TSTP6A	00	1	TT3	E3		33B			
04850	XA409	64			XA509	49				16B	9	TNDA3A	01	TNDA3A	00	1	TT3	F1		30A			
05938	XA409	65			XA408	75				16B	9	TSTP2R	03	TSTP2S	01	1	TT3	F2		34B			
05859	XA409	66			XA510	14				16B	9	TSPACQ	02	TNDA3A	01	1	TT3	F1		31A			
00619	XA409	67										GND	01										
06873	XA409	68										TXASLA	03	TNDA3A	01	2	TT3	F1		32A			
04436	XA409	69										TFST2S	03	TFST2R	01	1	TT3	F3		35A			
06981	XA409	70										TXBSLA	03	TNDA3A	01	3	TT3	F1		33A			
05955	XA409	71										TSTP8A	02	TSTP2S	01	2	TT3	F2		36A			
07416	XA409	72			XA409	78				16B	9	TXRS1B	13	TSTP2S	01	3	TT3	E2		34A			
05962	XA409	73			XA406	47				16B	9	TSTROR	01	TSTROR	00	1	TT3	F1		36B			
05946	XA409	74			XA408	77				16B	9	TSTP2S	06	TSTP2S	00	1	TT3	F2		35B		STOP DELAY BIT 2	
05967	XA409	75			XA509	11				16B	9	TSTROS	04	TSTROR	01	1	TT3	F1		37B			
04438	XA409	76										TFST3A	02	TFST2R	01	2	TT3	F3		37A			
05970	XA409	77										TSTR1A	02	TSTROR	01	2	TT3	F1		38B			
07417	XA409	78			XA510	05				16B	9	TXRS1B	14	TFST2R	01	3	TT3	F3		38A			
03498	XA409	79			XA418	72				16B	9	TBUSYS	04	TSTROR	01	3	TT3	F1		39B			
04432	XA409	80			XA407	65				16B	9	TFST2R	01	TFST2R	00	1	TT3	F3		39A			
06108	XA410	01										TTSC1A	02	TTSC00	01	1	TD4	A2		02B			
00620	XA410	02										GND	01							01A			
00262	XA410	03										DNW	01										
06109	XA410	04			XA408	01				16B	9	TTSC2A	01	TTSC00	01	2	TD4	A2		04A			
06112	XA410	05										TTSC3A	02	TTSC00	01	3	TD4	A2		03B			
06577	XA410	06			XA505	66				16B	9	TWRTRA	01	TCRS70	01	1	TD4	A1		05A			
06113	XA410	07			XA408	15				16B	9	TTSC4A	01	TTSC00	01	4	TD4	A2		03A			
04714	XA410	08										TLRCRA	02	TCRS70	01	2	TD4	A1		06A			
06105	XA410	09			XA524	08				16B	9	TTSC00	01	TTSC00	00	1	TD4	A2		04B			
06521	XA410	10			XA418	08				16B	9	TWRGRA	01	TCRS70	01	3	TD4	A1		07A			
03753	XA410	11										TCRS70	01	TCRS70	00	1	TD4	A1		05B		WRITE TIMING COUNT	
00071	XA410	12			XA412	40				16B	9	+5V	01										
CONNECTOR XA410 CONTINUED ON THE NEXT PAGE ***																							

H78-14-1724

DATA SYSTEMS DIVISION
LITTON SYSTEMS INC.
LITTON INDUSTRIES

DRAWING NUMBER 149016-880

UNIT ASSEMBLY NAME CARD CAGE ASSY, A, IFCU

CONNECTOR UNIT ASSEMBLY NO. 149016

FILE IDENT T39CIFC6

REV. E

DATE 09-03-82

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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											
07411		XA410	13		XA409	05		168	9		TXRS1B	08	TCRS70	01	4	TD4	A1	06B		
03781		XA410	14		XA506	59		168	9		TCSD10	02	TRWS4A	01	1	TD4	B2	09A	D02	
00263		XA410	15								DNW	01				TD4				
00621		XA410	16								GND	01				TD4		20B		
00264		XA410	17								DNW	01				TD4				
05441		XA410	18								TRWOCA	03	TRWS4A	01	2	TD4	B2	10A		
05420		XA410	19		XA409	17		168	9		TRWS0S	01	TRWS4A	01	3	TD4	B2	09B		
05788		XA410	20		XA406	25		168	9		TSCCK3B	71	TRWS4A	01	4	TD4	B2	11A		
05438		XA410	21								TRWS4A	03	TRWS4A	00	1	TD4	B2	10B		
05964		XA410	22		XA409	24		168	9		TSTROS	01	TSTR2A	01	1	TD4	B1	12A		
05982		XA410	23								TSTR2A	04	TSTR2A	00	1	TD4	B1	11B		
05918		XA410	24								TSTPOR	09	TSTR2A	01	2	TD4	B1	13A		
03801		XA410	25		XA412	30		168	9		TCZROO	05	TSTR2A	01	3	TD4	B1	12B		
05713		XA410	26		XA406	13		168	9		TSCCK1B	60	TSTR2A	01	4	TD4	B1	14A		
00265		XA410	27								DNW	01				TD4				
00072		XA410	28								+5V	01				TD4				
00266		XA410	29								DNW	01				TD4				
05996		XA410	30								TSTR3S	03	TSTR4A	01	1	TD4	C2	15A		
03516		XA410	31								TBOTOR	04	TSTR4A	01	2	TD4	C2	15B		
00622		XA410	32								GND	01				TD4		21B		
05999		XA410	33								TSTR4A	03	TSTR4A	00	1	TD4	C2	16B		
06006		XA410	34		XA408	46		168	9		TSTR80	01	TSTR4A	01	3	TD4	C2	16A		
03491		XA410	35		XA502	34		168	9		TBUSYR	02	TBUSYR	00	1	TD4	C1	17B		
05709		XA410	36		XA411	33		168	9		TSCCK1B	56	TSTR4A	01	4	TD4	C2	17A		
03496		XA410	37		XA409	56		168	9		TBUSYS	02	TBUSYR	01	1	TD4	C1	18B		
04454		XA410	38		XA410	52		168	9		TINTIA	01	TBUSYR	01	2	TD4	C1	18A		
00267		XA410	39								DNW	01				TD4				
04469		XA410	40								TINT5A	05	TBUSYR	01	3	TD4	C1	19A		
00268		XA410	41								DNW	01				TD4				
07414		XA410	42		XA410	56		168	9		TXRS1B	11	TBUSYR	01	4	TD4	C1	20A		
05976		XA410	43		XA406	64		168	9		TSTR1S	03	TSTR6A	01	1	TD4	D2	23B		
00623		XA410	44								GND	01				TD4		27A		
06002		XA410	45		XA525	66		168	9		TSTR6A	03	TSTR6A	00	1	TD4	D2	24B		
05991		XA410	46		XA407	54		168	9		TSTR3R	01	TSTR6A	01	2	TD4	D2	21A	E03	
05817		XA410	47		XA409	60		168	9		TSNCOR	02	TSNCOR	00	1	TD4	D1	25B		
08062		XA410	48								TSTR60	02	TSTR6A	01	3	TD4	D2	22A		
05821		XA410	49		XA502	30		168	9		TSNCOS	02	TSNCOR	01	1	TD4	D1	26B		
05707		XA410	50		XA411	39		168	9		TSCCK1B	54	TSTR6A	01	4	TD4	D2	23A		
00269		XA410	51								DNW	01				TD4				
04455		XA410	52		XA510	71		168	9		TINTIA	02	TSNCOR	01	2	TD4	D1	24A		
00270		XA410	53								DNW	01				TD4				
04468		XA410	54		XA410	40		168	9		TINT5A	04	TSNCOR	01	3	TD4	D1	25A		
04415		XA410	55								TFSTOR	02	TFSTOS	01	1	TD4	E2	29B		
07415		XA410	56		XA409	72		168	9		TXRS1B	12	TSNCOR	01	4	TD4	D1	26A		
04418		XA410	57		XA409	52		168	9		TFSTOS	03	TFSTOS	00	1	TD4	E2	30B	FLYING START COUNT	
00624		XA410	58								GND	01				TD4		40A		
05922		XA410	59		XA510	38		168	9		TSTPOS	04	TSTPOS	00	1	TD4	E1	31B	STOP DELAY BIT 0	
04413		XA410	60								TFSTOA	02	TFSTOS	01	2	TD4	E2	28A		
05915		XA410	61		XA409	29		168	9		TSTPOR	06	TSTPOS	01	1	TD4	E1	32B		
04869		XA410	62		XA510	27		168	9		TNSGKA	01	TFSTOS	01	3	TD4	E2	29A		
CONNECTOR		XA410	CONTINUED ON THE NEXT PAGE ****																	

H78-14-1725

DATA SYSTEMS DIVISION
LITTON SYSTEMS INC.
LITTON INDUSTRIES

DRAWING NUMBER 149016-880

UNIT ASSEMBLY NAME CARD CAGE ASSY, A, IFCU

CONNECTOR

UNIT ASSEMBLY NO. 149016

FILE IDENT T39C1FC6

REV. E

DATE 09-03-82

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RECORD NUMBER	FROM			TO				WIRE				SPEC. INET. MARK	SIGNAL	SEQ NO	EQUATION	TERM	FACTOR	CKT OR CHIP TYPE	GROUP	LOAD OR POWER PLANE	TEST POINTS		SIGNAL DESCRIPTION	ECO NO
	PREFIX	CONNECTOR	PIN	PREFIX	CONNECTOR	PIN	MULTI GROUP	CODE	COLOR	IDENT	AND										OR			
05796		XA411	30								J	TSC110	01	TSC110	00	1	TQ2	C2		15A		TSC11B BUSS		
01228		XA411	31		XA411	37		16B	9			SPI001	21	TSCM10	01	2	TQ2	C3		15B				
00628		XA411	32									GND	01				TQ2			20B				
05710		XA411	33		XA411	38		16B	9		P	TSCM10	57	TSC11B	01	3	TQ2	C3		16B				
05802		XA411	33								J	TSCM10	01	TSCM10	00	1	TQ2	C3		16B		TSC11B BUSS		
07040		XA411	34		XA411	40		16B	9			TXCP1A	04	TSC110	01	1	TQ2	C2		16A				
07039		XA411	35		XA411	34		16B	9			TXCP1A	03	TSCN10	01	1	TQ2	C4		17B				
01239		XA411	36		XA409	37		16B	9			SPI001	32	TSC110	01	2	TQ2	C2		17A				
01229		XA411	37		XA411	43		16B	9			SPI001	22	TSCN10	01	2	TQ2	C4		18B				
05711		XA411	38		XA411	30		16B	9		P	TSC110	58	TSC11B	01	1	TQ2	C1		18A		PHASE 1 OF 2 PHASE		
05717		XA411	38								J	TSC110	01	TSC110	00	1	TQ2	C1		18A		TSC11B BUSS		
05708		XA411	39		XA410	36		16B	9		P	TSCN10	55	TSC11B	01	4	TQ2	C4		19B				
05804		XA411	39								J	TSCN10	01	TSCN10	00	1	TQ2	C4		19B		TSC11B BUSS		
07041		XA411	40		XA411	41		16B	9			TXCP1A	05	TSC110	01	1	TQ2	C1		19A				
07042		XA411	41		XA411	47		16B	9			TXCP1A	06	TSCR10	01	1	TQ2	D3		22B				
01238		XA411	42		XA411	36		16B	9			SPI001	31	TSC110	01	2	TQ2	C1		20A				
01230		XA411	43		XA411	49		16B	9			SPI001	23	TSCR10	01	2	TQ2	D3		23B				
00629		XA411	44									GND	01				TQ2			21B				
05794		XA411	45		XA411	46		16B	9		P	TSCR10	33	TSC11B	01	3	TQ2	D3		24B				
05810		XA411	45								J	TSCR10	01	TSCR10	00	1	TQ2	D3		24B		TSC11B BUSS		
05795		XA411	46								P	TSCQ10	34	TSC11B	01	2	TQ2	D2		21A				
05808		XA411	46								J	TSCQ10	01	TSCQ10	00	1	TQ2	D2		21A		TSC11B BUSS		
07043		XA411	47		XA411	48		16B	9			TXCP1A	07	TSCS10	01	1	TQ2	D4		25B				
07044		XA411	48		XA411	54		16B	9			TXCP1A	08	TSCQ10	01	1	TQ2	D2		22A				
01231		XA411	49		XA411	50		16B	9			SPI001	24	TSCS10	01	2	TQ2	D4		26B				
01232		XA411	50		XA411	56		16B	9			SPI001	25	TSCQ10	01	2	TQ2	D2		23A				
05793		XA411	51		XA411	45		16B	9		P	TSCS10	32	TSC11B	01	4	TQ2	D4		27B				
05812		XA411	51								J	TSCS10	01	TSCS10	00	1	TQ2	D4		27B		TSC11B BUSS		
05792		XA411	52		XA411	51		16B	9		P	TSCP10	31	TSC11B	01	1	TQ2	D1		24A				
05806		XA411	52								J	TSCP10	01	TSCP10	00	1	TQ2	D1		24A		TSC11B BUSS		
07056		XA411	53		XA411	59		16B	9			TXCP3A	04	TSCM30	01	1	TQ2	E3		28B				
07045		XA411	54		XA412	69		16B	9			TXCP1A	09	TSCP10	01	1	TQ2	D1		25A				
01234		XA411	55		XA411	61		16B	9			SPI001	27	TSCM30	01	2	TQ2	E3		29B				
01233		XA411	56		XA411	55		16B	9			SPI001	26	TSCP10	01	2	TQ2	D1		26A				
05779		XA411	57		XA411	63		16B	9		P	TSCM30	62	TSC3B	01	3	TQ2	E3		30B				
05803		XA411	57								J	TSCM30	01	TSCM30	00	1	TQ2	E3		30B		TSC3B BUSS		
00630		XA411	58									GND	01				TQ2			27A				
07057		XA411	59		XA411	62		16B	9			TXCP3A	05	TSCN30	01	1	TQ2	E4		31B				
05778		XA411	60		XA411	57		16B	9		P	TSC130	61	TSC3B	01	2	TQ2	E2		28A				
05801		XA411	60								J	TSC130	01	TSC130	00	1	TQ2	E2		28A		TSC3B BUSS		
01235		XA411	61		XA411	64		16B	9			SPI001	28	TSCN30	01	2	TQ2	E4		32B				
07058		XA411	62		XA411	68		16B	9			TXCP3A	06	TSC130	01	1	TQ2	E2		29A				
05780		XA411	63		XA411	66		16B	9		P	TSCN30	63	TSC3B	01	4	TQ2	E4		33B				
05805		XA411	63								J	TSCN30	01	TSCN30	00	1	TQ2	E4		33B		TSC3B BUSS		
01236		XA411	64		XA411	70		16B	9			SPI001	29	TSC130	01	2	TQ2	E2		30A				
07060		XA411	65		XA411	71		16B	9			TXCP3A	08	TSCR30	01	1	TQ2	F3		34B				
05781		XA411	66		XA409	62		16B	9		P	TSC30	64	TSC3B	01	1	TQ2	E1		31A		PHASE 3 OF 2 PHASE		
05791		XA411	66								J	TSC30	01	TSC30	00	1	TQ2	F1		31A		TSC3B BUSS		
00631		XA411	67									GND	01				TQ2			40A				
07059		XA411	68		XA411	65		16B	9			TXCP3A	07	TSC30	01	1	TQ2	F1		32A				
CONNECTOR		XA411	CONTINUED ON THE NEXT PAGE ****																					

RECORD NUMBER	FROM				TO				WIRE				SIGNAL	SEQ NO	EQUATION	TERM	FACTOR	CKT OR CHIP TYPE	GROUP	LOAD OR POWER PLANE	TEST POINTS AND OR	SIGNAL DESCRIPTION	ECO NO
	PREFIX	CONNECTOR	PIN	NAME	PREFIX	CONNECTOR	PIN	NAME	MULTI GROUP	CODE	COLOR	IDENT											
00271		XA410	63										DNW	01									
04444		XA410	64			XA438	45			16B	9		SPI016	00	TSTPOS	01	4	TD4	F2		30A		E03
00272		XA410	65										DNW	01									
04467		XA410	66			XA410	54			16B	9		TINT5A	03	TSTPOS	01	2	TD4	F1		31A		
00625		XA410	67										GND	01								40B	
05934		XA410	68			XA409	55			16B	9		TSTP2A	01	TSTPOS	01	3	TD4	F1		32A		
06557		XA410	69										TWRG2S	05	TWRG2S	00	1	TD4	F2		35A		WRITE DELAY BIT 2
05949		XA410	70										TSTP4A	02	TSTPOS	01	4	TD4	F1		33A		
06550		XA410	71			XA504	60			16B	9		TWRG2R	01	TWRG2S	01	1	TD4	F2		36A		
06560		XA410	72			XA515	33			16B	9		TWRG4A	01	TWRG2S	01	2	TD4	F2		34A		
06564		XA410	73										TWRG6A	03	TWRG2S	01	3	TD4	F2		36B		
06566		XA410	74										TWRG8A	02	TWRG2S	01	4	TD4	F2		35B		
04861		XA410	75										TNSGDO	02	TNSGDA	01	1	TD4	F1		37B		
04858		XA410	76			XA503	73			16B	9		TNSGDA	01	TNSGDA	00	1	TD4	F1		37A		
07209		XA410	77			XA515	08			16B	9		TXEB1Q	02	TNSGDA	01	2	TD4	F1		38B		
04224		XA410	78			XA428	66			16B	9		TEBZRO	04	TNSGDA	01	3	TD4	F1		38A		
05786		XA410	79			XA409	18			16B	9		TSCK3B	69	TNSGDA	01	4	TD4	F1		39B		
00273		XA410	80										DNW	01									
03641		XA411	01			XA413	26			16B	9		TCCP20	01	TCCP20	00	1	TQ2	A2		02B		
00626		XA411	02										GND	01								01A	
03872		XA411	03			XA413	18			16B	9		TC34BP	01	TCCP40	01	1	TQ2	A3		02A		
03839		XA411	04			XA413	05			16B	9		TC14BP	01	TCCP20	01	1	TQ2	A2		04A		
01223		XA411	05			XA411	19			16B	9		SPI001	16	TCCP20	01	2	TQ2	A2		03B		
03634		XA411	06										TCCP00	06	TCCP00	00	1	TQ2	A1		05A		MAIN TIMING COUNT
01222		XA411	07			XA411	05			16B	9		SPI001	15	TCCP40	01	2	TQ2	A3		03A		
07053		XA411	08			XA411	24			16B	9		TXCP3A	01	TCCP00	01	1	TQ2	A1		06A		
03653		XA411	09			XA413	42			16B	9		TCCP40	01	TCCP40	00	1	TQ2	A3		04B		
08041		XA411	10			XA412	15			16B	9		TQ09SA	01	TCCP00	01	2	TQ2	A1		07A		
03914		XA411	11			XA413	34			16B	9		TC54BP	02	TCCP60	01	1	TQ2	A4		05B		
00073		XA411	12										+5V	01									
01221		XA411	13			XA411	07			16B	9		SPI001	14	TCCP60	01	2	TQ2	A4		06B		
03685		XA411	14										TCCP90	03	TCCP90	00	1	TQ2	B2		09A		WRITE TIMING COUNT
03665		XA411	15			XA413	56			16B	9		TCCP60	01	TCCP60	00	1	TQ2	A4		07B		MAIN TIMING COUNT
00627		XA411	16										GND	01								01B	
07037		XA411	17			XA411	29			16B	9		TXCP1A	01	TXCP10	01	1	TQ2	B3		08B		
04005		XA411	18			XA413	68			16B	9		TC84BP	01	TCCP90	01	1	TQ2	B2		10A		
01224		XA411	19			XA411	20			16B	9		SPI001	17	TXCP10	01	2	TQ2	B3		09B		
01225		XA411	20			XA411	26			16B	9		SPI001	18	TCCP90	01	2	TQ2	B2		11A		
07052		XA411	21										TXCP10	06	TXCP10	00	1	TQ2	B3		10B		
03676		XA411	22										TCCP70	06	TCCP70	00	1	TQ2	B1		12A		WRITE TIMING COUNT
07055		XA411	23			XA411	53			16B	9		TXCP3A	03	TXCP30	01	1	TQ2	B4		11B		
07054		XA411	24			XA411	23			16B	9		TXCP3A	02	TCCP70	01	1	TQ2	B1		13A		
01227		XA411	25			XA411	31			16B	9		SPI001	20	TXCP30	01	2	TQ2	B4		12B		
01226		XA411	26			XA411	25			16B	9		SPI001	19	TCCP70	01	2	TQ2	B1		14A		
07065		XA411	27			XA428	05			16B	9		TXCP30	01	TXCP30	00	1	TQ2	B4		13B		
00074		XA411	28										+5V	01									
07038		XA411	29			XA411	35			16B	9		TXCP1A	02	TSCM10	01	1	TQ2	C3		14B		
05712		XA411	30			XA410	26			16B	9	P	TSCL10	59	TSCK1B	01	2	TQ2	C2		15A		
CONNECTOR		XA411	CONTINUED ON THE NEXT PAGE ****																				

RECORD NUMBER	FROM			TO			WIRE				SPEC INST	SIGNAL	SEQ NO	EQUATION	TERM	FACTOR	CKT OR CHIP TYPE	GROUP	LOAD OR POWER PLANE	TEST POINTS		SIGNAL DESCRIPTION	ECO NO
	PREFIX	CONNECTOR	PIN	PREFIX	CONNECTOR	PIN	WIRE	MULTI GROUP	CODE	COLOR										IDENT	AND		
05799		XA411	69		XA411	75			16B	9		P	TSCR30	38	TSL3B	01	3	TQ2	F3		35A		
05811		XA411	69									J	TSCR30	01	TSCR30	00	1	TQ2	F3		35A	TSL3B BUSS	
01237		XA411	70		XA411	42			16B	9			SPI001	30	TSC30	01	2	TQ2	E1		33A		
07061		XA411	71		XA411	77			16B	9			TXCP3A	09	TSC030	01	1	TQ2	F2		36A		
05798		XA411	72		XA411	69			16B	9		P	TSC030	37	TSL3B	01	2	TQ2	F2		34A		
05809		XA411	72									J	TSC030	01	TSC030	00	1	TQ2	F2		34A	TSL3B BUSS	
01302		XA411	73		XA411	74			16B	9			SPI004	02	TSC030	01	2	TQ2	F2		36B		
01303		XA411	74		XA411	78			16B	9			SPI004	03	TSCR30	01	2	TQ2	F3		35B		
05800		XA411	75									P	TSCP30	39	TSL3B	01	1	TQ2	F1		37B		
05807		XA411	75									J	TSCP30	01	TSCP30	00	1	TQ2	F1		37B	TSL3B BUSS	
07063		XA411	76		XA412	80			16B	9			TXCP3A	11	TSCS30	01	1	TQ2	F4		37A		
07062		XA411	77		XA411	76			16B	9			TXCP3A	10	TSCP30	01	1	TQ2	F1		38B		
01304		XA411	78		XA412	79			16B	9			SPI004	04	TSCS30	01	2	TQ2	F4		38A		
01301		XA411	79		XA411	73			16B	9			SPI004	01	TSCP30	01	2	TQ2	F1		39B		
05797		XA411	80		XA411	72			16B	9		P	TSCS30	36	TSL3B	01	4	TQ2	F4		39A		
05813		XA411	80									J	TSCS30	01	TSCS30	00	1	TQ2	F4		39A	TSL3B BUSS	
03652		XA412	01										TCCP30	06	TCCP30	00	1	TQ2			02B		
00632		XA412	02										GND	01				TQ2			01A		
03891		XA412	03		XA413	40			16B	9			TC44BP	01	TCCP50	01	1	TQ2	A3		02A		
03853		XA412	04		XA413	24			16B	9			TC24BP	01	TCCP30	01	1	TQ2	A2		04A		
01322		XA412	05		XA412	07			16B	9			SPI004	22	TCCP30	01	2	TQ2	A2		03B		
03640		XA412	06										TCCP10	06	TCCP10	00	1	TQ2	A1		05A		
01323		XA412	07		XA412	10			16B	9			SPI004	23	TCCP50	01	2	TQ2	A3		03A		
03822		XA412	08		XA413	08			16B	9			TC04BP	01	TCCP10	01	1	TQ2	A1		06A		
03664		XA412	09										TCCP50	06	TCCP50	00	1	TQ2	A3		04B		
01324		XA412	10		XA413	06			16B	9			SPI004	24	TCCP10	01	2	TQ2	A1		07A		
03930		XA412	11		XA416	49			16B	9			TC63BQ	01	T009SA	01	1	TQ2	A4		05B		
00075		XA412	12										+5V	01				TQ2					
03933		XA412	13		XA417	47			16B	9			TC64BP	01	T009SA	01	2	TQ2	A4		06B		
03695		XA412	14									J	TCRS0A	01	TCRS0A	00	1	TQ2	B2		09A	TCRS0B BUSS	
03709		XA412	14		XA413	15			16B	9		P	TCRS0A	14	TCRS0B	01	1	TQ2	B2		09A		
08042		XA412	15		XA508	79			16B	9			T009SA	02	T009SA	00	1	TQ2	A4		07B	MAIN COUNT 9S	
00633		XA412	16										GND	01				TQ2			01B		
03736		XA412	17		XA412	23			16B	9			TCRS00	03	TCRS1A	01	1	TQ2	B3		08B		
03735		XA412	18		XA412	17			16B	9			TCRS00	02	TCRS0A	01	1	TQ2	B2		10A		
01321		XA412	19		XA412	05			16B	9			SPI004	21	TCRS1A	01	2	TQ2	B3		09B		
01320		XA412	20		XA412	19			16B	9			SPI004	20	TCRS0A	01	2	TQ2	B2		11A		
03712		XA412	21		XA412	27			16B	9		P	TCRS1A	17	TCRS0B	02	1	TQ2	B3		10B		
03738		XA412	21									J	TCRS1A	01	TCRS1A	00	1	TQ2	B3		10B	TCRS0B BUSS	
03677		XA412	22		XA413	70			16B	9			TCCP80	01	TCCP80	00	1	TQ2	B1		12A		
03737		XA412	23										TCRS00	04	TCRS2A	01	1	TQ2	B4		11B		
03965		XA412	24		XA413	48			16B	9			TC74BP	01	TCCP80	01	1	TQ2	B1		13A		
01318		XA412	25		XA412	26			16B	9			SPI004	18	TCRS2A	01	2	TQ2	B4		12B		
01319		XA412	26		XA412	20			16B	9			SPI004	19	TCCP80	01	2	TQ2	B1		14A		
03713		XA412	27		XA413	27			16B	9		P	TCRS2A	18	TCRS0B	03	1	TQ2	B4		13B		
03739		XA412	27									J	TCRS2A	01	TCRS2A	00	1	TQ2	B4		13B	TCRS0B BUSS	
00076		XA412	28										+5V	01				TQ2					
03804		XA412	29										TCZR1A	02	TCZR10	01	1	TQ2	C3		14B		
CONNECTOR		XA412	CONTINUED ON THE NEXT PAGE ****																				

RECORD NUMBER	FROM			TO			WIRE				SPEC INST. PINS	SIGNAL	SEQ NO	EQUATION	TERM	FACTOR	CKT OR CHIP TYPE	GROUP	LOAD OR POWER PLANE	TEST POINTS		SIGNAL DESCRIPTION	ECO NO
	PREFIX	CONNECTOR	PIN	PREFIX	CONNECTOR	PIN	MULTI GROUP	CODE	COLOR	IDENT										AND	OR		
03802		XA412	30									TCZR00	06	TCZR00	00	1	TQ2	C2			15A		
01317		XA412	31		XA412	25		16B	9			SPI004	17	TCZR10	01	2	TQ2	C3			15B		
00634		XA412	32									GND	01				TQ2				20B		
03805		XA412	33		XA418	25		16B	9			TCZR10	01	TCZR10	00	1	TQ2	C3			16B		
03796		XA412	34									TCZR0A	02	TCZR00	01	1	TQ2	C2			16A		
03490		XA412	35		XA410	35		16B	9			TBUSYR	01	TBUSYS	01	1	TQ2	C4			17B		
01316		XA412	36		XA412	31		16B	9			SPI004	16	TCZR00	01	2	TQ2	C2			17A		
03480		XA412	37		XA502	23		16B	9			TBSY0A	01	TBUSYS	01	2	TQ2	C4			18B		DO4
03743		XA412	38		XA413	41		16B	9			TCRS7A	04	TCRS7A	00	1	TQ2	C1			18A		
03495		XA412	39		XA410	37		16B	9			TBUSYR	01	TBUSYS	00	1	TQ2	C4			19B		TAPE MOTION BUSY F
03754		XA412	40									TCRS70	02	TCRS7A	01	1	TQ2	C1			19A		
05816		XA412	41		XA410	47		16B	9			TSNCR0	01	TSNCR0	01	1	TQ2	D3			22B		
01315		XA412	42		XA412	36		16B	9			SPI004	15	TCRS7A	01	2	TQ2	C1			20A		
03760		XA412	43		XA525	09		16B	9			TCSD0A	01	TSNCR0	01	2	TQ2	D3			23B		
00635		XA412	44									GND	01				TQ2				21B		
05820		XA412	45		XA410	49		16B	9			TSNCR0	01	TSNCR0	00	1	TQ2	D3			24B		INPUT SYNC COUNTER
05015		XA412	46		XA425	04		16B	9		P	TRDCCA	03	TRDCAB	02	1	TQ2	D2			21A		
05032		XA412	46								J	TRDCCA	02	TRDCAB	00	1	TQ2	D2			21A		TRDCAB BUSS
03687		XA412	47									TCILKA4	02	TCILKO	01	1	TQ2	D4			25B		
05029		XA412	48		XA412	54		16B	9			TRDCCA	01	TRDCCA	01	1	TQ2	D1			24A		
01313		XA412	49		XA412	50		16B	9			TRDCCA	02	TRDCAB	01	1	TQ2	D1			24A		
01314		XA412	50		XA412	42		16B	9			SPI004	13	TCILKO	01	2	TQ2	D4			26B		
03690		XA412	51		XA406	17		16B	9			SPI004	14	TRDCCA	01	2	TQ2	D2			23A		
05014		XA412	52		XA412	46		16B	9			TCILKO	01	TCILKO	00	1	TQ2	D4			27B		CABLE INTERLOCK RE
05028		XA412	52								P	TRDCCA	02	TRDCAB	01	1	TQ2	D1			24A		
05366		XA412	53								J	TRDCCA	01	TRDCCA	00	1	TQ2	D1			24A		TRDCAB BUSS
05030		XA412	54		XA439	63		16B	9			TRD2A	02	TRD20	01	1	TQ2	E3			28B		
01312		XA412	55		XA412	49		16B	9			TRDCCA	02	TRDCCA	01	1	TQ2	D1			25A		
01311		XA412	56		XA412	55		16B	9			SPI004	12	TRD20	01	2	TQ2	E3			29B		
05375		XA412	57									SPI004	11	TRDCCA	01	2	TQ2	D1			26A		
00636		XA412	58									TRD20	09	TRD20	00	1	TQ2	E3			30B		
05377		XA412	59									GND	01				TQ2				27A		
05364		XA412	60									TRD3A	02	TRD30	01	1	TQ2	F4			31B		
01309		XA412	61		XA412	64		16B	9			TRD10	09	TRD10	00	1	TQ2	E2			28A		
05354		XA412	62		XA504	23		16B	9			SPI004	09	TRD30	01	2	TQ2	E4			32B		
05386		XA412	63									TRD1A	01	TRD10	01	1	TQ2	E2			29A		
01310		XA412	64		XA412	56		16B	9			TRD30	09	TRD30	00	1	TQ2	E4			33B		
08025		XA412	65		XA416	57		16B	9			SPI004	10	TRD10	01	2	TQ2	E2			30A		
05332		XA412	66		XA504	01		16B	9			TXMAP	01	TXCP1A	01	1	TQ2	F3			34B		
00637		XA412	67									TRDCC0	02	TRDCC0	00	1	TQ2	E1			31A		
05057		XA412	68		XA425	59		16B	9			GND	01				TQ2				40A		
07046		XA412	69									TREADP	03	TRDCC0	01	1	TQ2	E1			32A		
01308		XA412	70		XA412	61		16B	9			TXCP1A	10	TXCP1A	00	1	TQ2	F3			35A		CLOCK PHASE 1
04553		XA412	71		XA513	59		16B	9			SPI004	08	TRDCC0	01	2	TQ2	E1			33A		
04563		XA412	72									TKC01P	02	TKC29A	01	1	TQ2	F2			36A		
04560		XA412	73		XA513	55		16B	9			TKC29A	02	TKC29A	00	1	TQ2	F2			34A		
08034		XA412	74									TKC02Q	01	TKC29A	01	2	TQ2	F2			36B		
04498		XA412	75		XA503	05		16B	9			TXIMBQ	02	TXCP1A	01	2	TQ2	F3			35B		
08029		XA412	76									TKA010	01	TKA010	00	1	TQ2	F1			37B		
04485		XA412	77		XA502	50		16B	9			TXIMAQ	03	TXCP3A	01	1	TQ2	F4			37A		
												TKA01P	01	TKA010	01	1	TQ2	F1			38B		
	CONNECTOR	XA412	CONTINUED ON THE NEXT PAGE ****																				

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	WIRE	MULTI GROUP	CODE	COLOR											
08030		XA412	78		XA416	62			16B	9		TX1MBP	01	TXCP3A	01	2	T02	F4		38A	
01305		XA412	79		XA413	80			16B	9		SPI004	05	TKA010	01	2	T02	F1		39B	
07064		XA412	80									TXCP3A	12	TXCP3A	00	1	T02	F4		39A	CLOCK PHASE 3
03639		XA413	01		XA412	06			16B	9		TCCP10	05	TC10BN	01	1	TDD	BN		02B	
00638		XA413	02									GND	01				TDD			01B	
03696		XA413	03		XA414	03			16B	9		TCRS0B	01	TC10BQ	01	1	TDD	BQ		02A	
01242		XA413	04		XA414	04			16B	9		SPI002	01	TC10BP	01	1	TDD	BP		04A	
03840		XA413	05		XA417	09			16B	9		TC148P	02	TC10BI	01	1	TDD	BI		03B	
01325		XA413	06		XA414	06			16B	9		SPI004	25	TC00BP	01	1	TDD	AP		05A	
03829		XA413	07									TC10BQ	03	TC10BQ	00	1	TDD	BQ		03A	
03823		XA413	08		XA417	11			16B	9		TC048P	02	TC00BI	01	1	TDD	AI		06A	
08194		XA413	09								M	TC10BP	01	TC10BP	00	1	TDD	BP		04B	
03633		XA413	10		XA411	06			16B	9		TCCP00	05	TC00BN	01	1	TDD	AN		07A	
08190		XA413	11								M	TC00BP	01	TC00BP	00	1	TDD	AP		05B	
00077		XA413	12									+5V	01				TDD				
03813		XA413	13		XA414	08			16B	9		TC00BQ	01	TC00BQ	00	1	TDD	AQ		06B	
03651		XA413	14		XA412	01			16B	9		TCCP30	05	TC30BN	01	1	TDD	DN		09A	
03710		XA413	15		XA413	17			16B	9		TCRS0B	15	TC00BQ	01	1	TDD	AQ		07B	
00639		XA413	16									GND	01				TDD			20B	
03711		XA413	17		XA412	21			16B	9		TCRS0B	16	TC30BQ	01	1	TDD	DQ		08B	
03873		XA413	18		XA417	21			16B	9		TC348P	02	TC30BI	01	1	TDD	DI		10A	
03862		XA413	19									TC30BQ	03	TC30BQ	00	1	TDD	DQ		09B	
01249		XA413	20		XA413	64			16B	9		SPI002	08	TC30BP	01	1	TDD	DP		11A	C01
03859		XA413	21								M	TC30BP	02	TC30BP	00	1	TDD	DP		10B	E06
01327		XA413	22		XA413	38			16B	9		SPI004	27	TC20BP	01	1	TDD	CP		12A	
08197		XA413	23								M	TC20BP	02	TC20BP	00	1	TDD	CP		11B	D01
03854		XA413	24		XA417	23			16B	9		TC248P	02	TC20BI	01	1	TDD	CI		13A	
03846		XA413	25									TC20BQ	03	TC20BQ	00	1	TDD	CQ		12B	
03642		XA413	26		XA414	26			16B	9		TCCP20	02	TC20BN	01	1	TDD	CN		14A	
03714		XA413	27		XA413	29			16B	9		TCRS0B	19	TC20BQ	01	1	TDD	CQ		13B	
00078		XA413	28									+5V	01				TDD				
03715		XA413	29		XA414	29			16B	9		TCRS0B	20	TC50BQ	01	1	TDD	FQ		14B	
03663		XA413	30		XA412	09			16B	9		TCCP50	05	TC50BN	01	1	TDD	FN		15A	
03902		XA413	31									TC50BQ	03	TC50BQ	00	1	TDD	FQ		15B	
00640		XA413	32									GND	01				TDD			21B	
03898		XA413	33								M	TC50BP	02	TC50BP	00	1	TDD	EP		16B	
03915		XA413	34		XA417	33			16B	9		TC548P	03	TC50BI	01	1	TDD	FI		16A	
03880		XA413	35		XA515	40			16B	9		TC408P	03	TC40BP	00	1	TDD	EP		17B	E06
01261		XA413	36		XA414	36			16B	9		SPI002	20	TC50BP	01	1	TDD	FP		17A	
03881		XA413	37		XA414	40			16B	9		TC40BQ	01	TC40BQ	00	1	TDD	FQ		18B	
01328		XA413	38		XA413	52			16B	9		SPI004	28	TC40BP	01	1	TDD	EP		18A	
03728		XA413	39		XA413	51			16B	9		TCRS0B	33	TC40BQ	01	1	TDD	EQ		19B	
03892		XA413	40		XA417	35			16B	9		TC448P	02	TC40BI	01	1	TDD	EI		19A	
03744		XA413	41		XA414	41			16B	9		TCRS7A	05	TC70BQ	01	1	TDD	HQ		22B	
03654		XA413	42		XA414	42			16B	9		TCCP40	02	TC40BN	01	1	TDD	EN		20A	
03939		XA413	43		XA414	48			16B	9		TC70BQ	01	TC70BQ	00	1	TDD	HQ		23B	
00641		XA413	44									GND	01				TDD			27A	
08210		XA413	45								M	TC70BP	01	TC70BP	00	1	TDD	HP		24B	
CONNECTOR XA413 CONTINUED ON THE NEXT PAGE ****																					

RECORD NUMBER	FROM			TO				WIRE				SPEC. INST. 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	INFO	MULTI GROUP	CODE	COLOR	IDENT												
03675		XA413	46		XA411	22			168	9			TCCP70	05	TC708N	01	1	TDD	HN		21A		
08208		XA413	47										TC608P	02	TC608P	00	1	TDD	GP		25B		D04
03966		XA413	48		XA417	45			168	9			TC748P	02	TC708I	01	1	TDD	HI		22A		
03921		XA413	49										TC608Q	03	TC608Q	00	1	TDD	GQ		26B		
01260		XA413	50		XA413	36			168	9			SPI002	19	TC708P	01	1	TDD	HP		23A		
03729		XA413	51		XA414	51			168	9			TCSR08	34	TC608Q	01	1	TDD	GQ		27B		
01329		XA413	52		XA420	30			168	9			SPI004	29	TC608P	01	1	TDD	GP		24A		
03747		XA413	53		XA413	63			168	9			TCSR7A	08	TC908Q	01	1	TDD	KQ		28B		
03935		XA413	54										TC648P	03	TC608I	01	1	TDD	GI		25A		D01
04015		XA413	55		XA414	62			168	9			TC908Q	01	TC908Q	00	1	TDD	KQ		29B		
03666		XA413	56		XA414	56			168	9			TCCP60	02	TC608N	01	1	TDD	GN		26A		
04012		XA413	57		XA502	55			168	9			TC908P	01	TC908P	00	1	TDD	KP		30B		
00642		XA413	58										GND	01				TDD			40A		
03974		XA413	59										TC808P	04	TC808P	00	1	TDD	JP		31B		
03684		XA413	60		XA411	14			168	9			TCCP90	02	TC908N	01	1	TDD	KN		28A		
03975		XA413	61		XA414	68			168	9			TC808Q	01	TC808Q	00	1	TDD	JO		32B		
04021		XA413	62		XA527	46			168	9			TC918P	02	TC908I	01	1	TDD	KI		29A		
03748		XA413	63		XA414	63			168	9			TCSR7A	09	TC808Q	01	1	TDD	JO		33B		
01254		XA413	64		XA414	64			168	9			SPI002	13	TC908P	01	1	TDD	KP		30A		
07999		XA413	65		XA430	50			168	9			TX0D3A	01	TLPT0Q	01	1	TDD	MQ		34B		
01307		XA413	66		XA412	70			168	9			SPI004	07	TC808P	01	1	TDD	JP		31A		
00643		XA413	67										GND	01				TDD			40B		
04006		XA413	68		XA417	69			168	9			TC848P	02	TC808I	01	1	TDD	JI		32A		A03
08255		XA413	69									M	TLPTOP	01	TLPTOP	00	1	TDD	MP		35A		
03678		XA413	70		XA414	70			168	9			TCCP80	02	TC808N	01	1	TDD	JN		33A		
07251		XA413	71		XA415	71			168	9			TXGN4A	01	TLPTOI	01	1	TDD	MI		36A		
04671		XA413	72										TLPTIA	11	TLPTON	01	1	TDD	MN		34A		
07454		XA413	73		XA517	07			168	9			TXRS2B	19	TLPTOP	01	1	TDD	MP		36B		
04660		XA413	74										TLPTQ	02	TLPTOQ	00	1	TDD	MO		35B		LOOP TEST COUNT BI
05013		XA413	75		XA412	52			168	9			TRDCAB	01	TREWIP	01	1	TDD	LP		37B		
05180		XA413	76		XA407	17			168	9			TREWIP	02	TREWIP	00	1	TDD	LP		37A		
07301		XA413	77										TXIRCO	03	TREWI	01	1	TDD	LI		38B		
08292		XA413	78									M	TREWIQ	01	TREWIQ	00	1	TDD	LQ		38A		REWIND/INTERRUPT C
07182		XA413	79		XA518	05			168	9			TXDV1B	37	TREWIN	01	1	TDD	LN		39B		
01306		XA413	80		XA413	66			168	9			SPI004	06	TREWIQ	01	1	TDD	LO		39A		
03638		XA414	01		XA413	01			168	9			TCCP10	04	TC118N	01	1	TDD	BN		02B		
00644		XA414	02										GND	01				TDD			01B		
03697		XA414	03		XA415	03			168	9			TCSR08	02	TC118Q	01	1	TDD	BQ		02A		
01243		XA414	04		XA415	04			168	9			SPI002	02	TC118P	01	1	TDD	BP		04A		
03828		XA414	05		XA413	07			168	9			TC108Q	02	TC118I	01	1	TDD	BI		03B		
01326		XA414	06		XA413	22			168	9			SPI004	26	TC018P	01	1	TDD	AP		05A		
03831		XA414	07										TC118Q	02	TC118Q	00	1	TDD	BQ		03A		
03814		XA414	08		XA418	14			168	9			TC008Q	02	TC018I	01	1	TDD	AI		06A		
08195		XA414	09										TC118P	01	TC118P	00	1	TDD	BP		04B		
03632		XA414	10		XA413	10			168	9			TCCP00	04	TC018N	01	1	TDD	AN		07A		
08191		XA414	11									M	TC018P	01	TC018P	00	1	TDD	AP		05B		
00079		XA414	12										+5V	01				TDD					
03817		XA414	13										TC018Q	02	TC018Q	00	1	TDD	AQ		06B		
CONNECTOR	XA414	CONTINUED ON THE NEXT PAGE ***																					

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	PIH	WIRE NO	PREFIX	CONNECTOR	PIH	WIRE NO	CODE	COLOR	IDENT											
Q3650		XA414	14		XA413	14			16B	9			TCCP30	04	TC31BN	01	1	TDD	DN		09A	
Q3708		XA414	15		XA412	14			16B	9			TCRS0B	13	TC01BQ	01	1	TDD	AQ		07B	
00645		XA414	16										GND	01				TDD			20B	
Q3707		XA414	17		XA414	15			16B	9			TCRS0B	12	TC31BQ	01	1	TDD	DQ		08B	
Q3861		XA414	18		XA413	19			16B	9			TC30BQ	02	TC31BI	01	1	TDD	DI		10A	
Q3864		XA414	19										TC31BQ	02	TC31BQ	00	1	TDD	DQ		09B	
01248		XA414	20		XA413	20			16B	9			SPI002	07	TC31BP	01	1	TDD	DP		11A	
08201		XA414	21		XA519	03			16B	9			TC31BP	01	TC31BP	00	1	TDD	DP		10B	E03
01338		XA414	22		XA414	38			16B	9			SPI005	08	TC21BP	01	1	TDD	CP		12A	
08198		XA414	23								M		TC21BP	01	TC21BP	00	1	TDD	CP		11B	
Q3845		XA414	24		XA413	25			16B	9			TC20BQ	02	TC21BI	01	1	TDD	CI		13A	
Q3848		XA414	25										TC21BQ	02	TC21BQ	00	1	TDD	CQ		12B	
Q3643		XA414	26		XA415	26			16B	9			TCCP20	03	TC21BN	01	1	TDD	CN		14A	
Q3717		XA414	27		XA415	27			16B	9			TCRS0B	22	TC21BQ	01	1	TDD	CQ		13B	
Q0080		XA414	28										+5V	01				TDD				
Q3716		XA414	29		XA414	27			16B	9			TCRS0B	21	TC51BQ	01	1	TDD	EQ		14B	
Q3662		XA414	30		XA413	30			16B	9			TCCP50	04	TC51BN	01	1	TDD	FN		15A	
Q3905		XA414	31										TC51BQ	03	TC51BQ	00	1	TDD	EQ		15B	
Q0646		XA414	32										GND	01				TDD			21B	
08206		XA414	33		XA407	41			16B	9			TC51BP	01	TC51BP	00	1	TDD	EP		16B	D01
Q3901		XA414	34		XA413	31			16B	9			TC50BQ	02	TC51BI	01	1	TDD	FI		16A	
08203		XA414	35		XA525	46			16B	9			TC41BP	01	TC41BP	00	1	TDD	EP		17B	E03
01262		XA414	36		XA415	36			16B	9			SPI002	21	TC51BP	01	1	TDD	FP		17A	
Q3886		XA414	37										TC41BQ	03	TC41BQ	00	1	TDD	EQ		18B	
01339		XA414	38		XA415	38			16B	9			SPI005	09	TC41BP	01	1	TDD	EP		18A	
Q3727		XA414	39		XA413	39			16B	9			TCRS0B	32	TC41BQ	01	1	TDD	EQ		19B	
Q3882		XA414	40		XA418	34			16B	9			TC40BQ	02	TC41BI	01	1	TDD	EI		19A	
Q3745		XA414	41		XA414	53			16B	9			TCRS7A	06	TC71BQ	01	1	TDD	HQ		22B	
Q3655		XA414	42		XA415	42			16B	9			TCCP40	03	TC41BN	01	1	TDD	EN		20A	
Q3946		XA414	43		XA509	35			16B	9			TC71BQ	02	TC71BQ	00	1	TDD	HQ		23B	
Q0647		XA414	44										GND	01				TDD			27A	
08211		XA414	45								M		TC71BP	01	TC71BP	00	1	TDD	HP		24B	
Q3674		XA414	46		XA413	46			16B	9			TCCP70	04	TC71BN	01	1	TDD	HN		21A	
Q3923		XA414	47								M		TC61BP	02	TC61BP	00	1	TDD	GP		25B	D06
Q3940		XA414	48		XA521	01			16B	9			TC70BQ	02	TC71BI	01	1	TDD	HI		22A	
Q3925		XA414	49										TC61BQ	02	TC61BQ	00	1	TDD	GQ		26B	
01259		XA414	50		XA413	50			16B	9			SPI002	18	TC71BP	01	1	TDD	HP		23A	
Q3730		XA414	51		XA415	51			16B	9			TCRS0B	35	TC61BQ	01	1	TDD	GQ		27B	
01346		XA414	52		XA414	66			16B	9			SPI005	16	TC61BP	01	1	TDD	GP		24A	
Q3746		XA414	53		XA413	53			16B	9			TCRS7A	07	TC91BQ	01	1	TDD	KQ		28B	
Q3920		XA414	54		XA413	49			16B	9			TC60BQ	02	TC61BI	01	1	TDD	GI		25A	
Q4027		XA414	55										TC91BQ	04	TC91BQ	00	1	TDD	KQ		29B	WRITE TIMING COUNT
Q3667		XA414	56		XA415	56			16B	9			TCCP60	03	TC61BN	01	1	TDD	GN		26A	
Q4020		XA414	57		XA413	62			16B	9			TC91BP	01	TC91BP	00	1	TDD	KP		30B	
Q0648		XA414	58										GND	01				TDD			40A	
Q3981		XA414	59								M		TC81BP	01	TC81BP	00	1	TDD	JP		31B	D01
Q3683		XA414	60		XA413	60			16B	9			TCCP90	01	TC91BN	01	1	TDD	KN		28A	
Q3988		XA414	61										TC81BQ	05	TC81BQ	00	1	TDD	JO		32B	D01
Q4016		XA414	62		XA521	07			16B	9			TC90BQ	02	TC91BI	01	1	TDD	KI		29A	
Q3749		XA414	63		XA415	63			16B	9			TCRS7A	10	TC81BQ	01	1	TDD	JO		33B	
CONNECTOR		XA414	CONTINUED ON THE NEXT PAGE ****																			

RECORD NUMBER	FROM			TO			WIRE				SPEC INST MISC	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	W/O	MULTI GROUP	CODE	COLOR												
01255		XA414	64		XA416	50			168	9		SPI002	14	TC91BP	01	1	TDD	KP		30A		
01348		XA414	65		XA415	66			168	9		SPI005	18	TLPT1Q	01	1	TDD	MQ		34B		
01347		XA414	66		XA414	65			168	9		SPI005	17	TC81BP	01	1	TDD	JP		31A		
00649		XA414	67									GND	01				TDD			40B		
03976		XA414	68		XA521	05			168	9		TC80BQ	02	TC81BI	01	1	TDD	J1		32A		
08256		XA414	69								M	TLPT1P	01	TLPT1P	00	1	TDD	MP		35A		
03679		XA414	70		XA415	70			168	9		TCCP80	03	TC81BN	01	1	TDD	JN		33A		
04659		XA414	71		XA413	74			168	9		TLPT0Q	01	TLPT1I	01	1	TDD	MI		36A		
07051		XA414	72		XA411	21			168	9		TXCP10	05	TLPT1N	01	1	TDD	MN		34A		
07453		XA414	73		XA413	73			168	9		TXRS2B	18	TLPT1P	01	1	TDD	MP		36B		
04673		XA414	74									TLPT1Q	02	TLPT1Q	00	1	TDD	MQ		35B	LOOP TEST COUNT B1	
05464		XA414	75		XA522	60			168	9		TRW22A	01	TREW2P	01	1	TDD	LP		37B		
05193		XA414	76		XA537	64			168	9		TREW2P	01	TREW2P	00	1	TDD	LP		37A		
05468		XA414	77		XA537	60			168	9		TRW290	01	TREW2I	01	1	TDD	LI		38B		
05196		XA414	78									TREW2Q	02	TREW2Q	00	1	TDD	LQ		38A	REWINDING 2 REMEMB	
07181		XA414	79		XA413	79			168	9		TXDV1B	36	TREW2M	01	1	TDD	LN		39B		
07450		XA414	80		XA415	73			168	9		TXRS2B	15	TREW2Q	01	1	TDD	LQ		39A		
03637		XA415	01		XA414	01			168	9		TCCP10	03	TC12BN	01	1	TDD	BN		02B		
00650		XA415	02									GND	01				TDD			01B		
03698		XA415	03		XA416	03			168	9		TCRS0B	03	TC12BQ	01	1	TDD	BQ		02A		
01244		XA415	04		XA416	04			168	9		SPI002	03	TC12BP	01	1	TDD	BP		04A		
03830		XA415	05		XA414	07			168	9		TC11BQ	01	TC12BI	01	1	TDD	BI		03B		
01331		XA415	06		XA416	06			168	9		SPI005	01	TC02BP	01	1	TDD	AP		05A		
03834		XA415	07		XA416	05			168	9		TC12BQ	01	TC12BQ	00	1	TDD	BQ		03A		
03816		XA415	08		XA414	13			168	9		TC01BQ	01	TC02BI	01	1	TDD	AI		06A		
03833		XA415	09								M	TC12BP	02	TC12BP	00	1	TDD	BP		04B	001	
03631		XA415	10		XA414	10			168	9		TCCP00	03	TC02BN	01	1	TDD	AN		07A		
08192		XA415	11								M	TC02BP	01	TC02BP	00	1	TDD	AP		05B		
00081		XA415	12									+5V	01				TDD					
03818		XA415	13		XA416	08			168	9		TC02BQ	01	TC02BQ	00	1	TDD	AQ		06B		
03649		XA415	14		XA414	14			168	9		TCCP30	03	TC32BN	01	1	TDD	DN		09A		
03705		XA415	15		XA415	17			168	9		TCRS0B	10	TC02BQ	01	1	TDD	AQ		07B		
00651		XA415	16									GND	01				TDD			20B		
03706		XA415	17		XA414	17			168	9		TCRS0B	11	TC32BQ	01	1	TDD	DQ		08B		
03863		XA415	18		XA414	19			168	9		TC31BQ	01	TC32BI	01	1	TDD	DI		10A	E03	
03867		XA415	19		XA416	18			168	9		TC32BQ	01	TC32BQ	00	1	TDD	DQ		09B		
01247		XA415	20		XA414	20			168	9		SPI002	06	TC32BP	01	1	TDD	DP		11A		
03866		XA415	21									TC32BP	02	TC32BP	00	1	TDD	DP		10B		
01337		XA415	22		XA414	22			168	9		SPI005	07	TC22BP	01	1	TDD	CP		12A		
08199		XA415	23								M	TC22BP	01	TC22BP	00	1	TDD	CP		11B		
03847		XA415	24		XA414	25			168	9		TC21BQ	01	TC22BI	01	1	TDD	CI		13A		
03849		XA415	25		XA416	24			168	9		TC22BQ	01	TC22BQ	00	1	TDD	CQ		12B		
03644		XA415	26		XA416	26			168	9		TCCP20	04	TC22BN	01	1	TDD	CN		14A		
03718		XA415	27		XA415	29			168	9		TCRS0B	23	TC22BQ	01	1	TDD	CQ		13B		
00082		XA415	28									+5V	01				TDD					
03719		XA415	29		XA416	29			168	9		TCRS0B	24	TC52BQ	01	1	TDD	FQ		14B		
03661		XA415	30		XA414	30			168	9		TCCP50	03	TC52BN	01	1	TDD	FN		15A		
03909		XA415	31		XA407	43			168	9		TC52BQ	02	TC52BQ	00	1	TDD	FQ		15B	001	
CONNECTOR		XA415	CONTINUED ON THE NEXT PAGE				***															

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	IN P	PREFIX	CONNECTOR	PIN	IN P	MULTI GROUP	CODE	COLOR												
00652		XA415	32										GND	01				TDD			21B		
03906		XA415	33		XA519	11				16B	9		TC528P	01	TC528P	00	1	TDD	FP		16B		
03904		XA415	34		XA414	31				16B	9		TC518Q	02	TC528I	01	1	TDD	FI		16A		
08204		XA415	35		XA519	04				16B	9		TC428P	01	TC428P	00	1	TDD	EP		17B	001	
01263		XA415	36		XA416	36				16B	9		SPI002	22	TC528P	01	1	TDD	FP		17A		
03888		XA415	37										TC428Q	02	TC428Q	00	1	TDD	EQ		18B		
01340		XA415	38		XA416	38				16B	9		SPI005	10	TC428P	01	1	TDD	EP		18A		
03726		XA415	39		XA414	39				16B	9		TCRS0B	31	TC428Q	01	1	TDD	EQ		19B		
03885		XA415	40		XA414	37				16B	9		TC418Q	02	TC428I	01	1	TDD	EI		19A		
03742		XA415	41		XA412	38				16B	9		TCRS7A	03	TC728Q	01	1	TDD	HQ		22B		
03656		XA415	42		XA416	42				16B	9		TCCP40	04	TC428N	01	1	TDD	EN		20A		
03955		XA415	43										TC728Q	04	TC728Q	00	1	TDD	HQ		23B		
00653		XA415	44										GND	01				TDD			27A		
03951		XA415	45										TC728P	03	TC728P	00	1	TDD	HP		24B		
03673		XA415	46		XA414	46				16B	9		TCCP70	03	TC728N	01	1	TDD	HN		21A		
08209		XA415	47									M	TC628P	01	TC628P	00	1	TDD	GP		25B		
03945		XA415	48		XA414	43				16B	9		TC718Q	01	TC728I	01	1	TDD	HI		22A		
03927		XA415	49										TC628Q	02	TC628Q	00	1	TDD	GO		26B		
01257		XA415	50		XA415	53				16B	9		SPI002	16	TC728P	01	1	TDD	HP		23A		
03731		XA415	51		XA416	51				16B	9		TCRS0B	36	TC628Q	01	1	TDD	GO		27B		
01345		XA415	52		XA414	52				16B	9		SPI005	15	TC628P	01	1	TDD	GP		24A		
01258		XA415	53		XA414	50				16B	9		SPI002	17	TCSD2Q	01	1	TDD	KQ		28B		
03924		XA415	54		XA414	49				16B	9		TC618Q	01	TC628I	01	1	TDD	GI		25A		
03789		XA415	55										TCSD2Q	03	TCSD2Q	00	1	TDD	KQ		29B	INPUT DELAY COUNT	
03668		XA415	56		XA416	56				16B	9		TCCP60	04	TC628N	01	1	TDD	GN		26A		
03786		XA415	57										TCSD2P	03	TCSD2P	00	1	TDD	KP		30B		
00654		XA415	58										GND	01				TDD			40A		
03990		XA415	59									M	TC828P	01	TC828P	00	1	TDD	JP		31B	E03	
05777		XA415	60		XA411	60				16B	9		TSCK3B	60	TCSD2N	01	1	TDD	KN		28A		
03996		XA415	61										TC828Q	03	TC828Q	00	1	TDD	IQ		32B		
03778		XA415	62		XA417	61				16B	9		TCSD1Q	01	TCSD2I	01	1	TDD	KI		29A	A03	
03750		XA415	63		XA416	63				16B	9		TCRS7A	11	TC828Q	01	1	TDD	IQ		33B		
03757		XA415	64										TCSDRA	03	TCSD2P	01	1	TDD	KP		30A		
04670		XA415	65		XA413	72				16B	9		TLPT1A	10	TLPT2Q	01	1	TDD	MQ		34B		
01349		XA415	66		XA416	65				16B	9		SPI005	19	TC828P	01	1	TDD	JP		31A		
00655		XA415	67										GND	01				TDD			40B		
03987		XA415	68		XA414	61				16B	9		TC818Q	04	TC828I	01	1	TDD	JI		32A		
08257		XA415	69									M	TLPT2P	01	TLPT2P	00	1	TDD	MP		35A		
03680		XA415	70		XA416	70				16B	9		TCCP80	04	TC828N	01	1	TDD	JN		33A		
07252		XA415	71		XA420	50				16B	9		TXGN4A	02	TLPT2I	01	1	TDD	MT		36A		
04691		XA415	72		XA418	61				16B	9		TLPT5A	09	TLPT2N	01	1	TDD	MN		34A		
07451		XA415	73		XA416	73				16B	9		TXRS2B	16	TLPT2P	01	1	TDD	MP		36B		
04675		XA415	74										TLPT2Q	02	TLPT2Q	00	1	TDD	MQ		35B	LOOP TEST COUNT BIT	
05474		XA415	75		XA522	57				16B	9		TRW32A	01	TREW3P	01	1	TDD	LP		37B		
05210		XA415	76		XA537	55				16B	9		TREW3P	01	TREW3P	00	1	TDD	LP		37A		
05478		XA415	77		XA537	57				16B	9		TRW390	01	TREW3Y	01	1	TDD	LT		38B		
05213		XA415	78										TREW3Q	02	TREW3Q	00	1	TDD	LQ		38A	REWINDING 3 REMEMBR	
07180		XA415	79		XA414	79				16B	9		TXDV1B	35	TREW3N	01	1	TDD	LN		39B		
07449		XA415	80		XA414	80				16B	9		TXRS2B	14	TREW3Q	01	1	TDD	LQ		39A		

RECORD NUMBER	FROM				TO				WIRE				SIGNAL	SEQ NO	EQUATION	TERM FACTOR	CKT OR CHIP TYPE	GROUP	LOAD OR POWER PLANE	TEST POINTS AND/OR	SIGNAL DESCRIPTION	ECO NO
	PREFIX	CONNECTOR	PIN	BN PA	PREFIX	CONNECTOR	PIN	OLE	MULTI GROUP	CODE	COLOR	IDENT										
03636	XA416	01			XA415	01				168	9		TC138Q	02	TC138N	01	1	TDD	BN	02B		
00656	XA416	02											GND	01				TDD		01B		
03699	XA416	03			XA417	03				168	9		TCRS0B	04	TC138Q	01	1	TDD	BQ	02A		
01245	XA416	04			XA416	20				168	9		SPI002	04	TC138P	01	1	TDD	BP	04A		
03835	XA416	05											TC128Q	02	TC138I	01	1	TDD	BI	03B		
01332	XA416	06			XA417	06				168	9		SPI005	02	TC038P	01	1	TDD	AP	05A		
03838	XA416	07											TC138Q	03	TC138Q	00	1	TDD	BO	03A		
03819	XA416	08											TC028Q	02	TC038I	01	1	TDD	AI	06A		
08196	XA416	09										M	TC138P	01	TC138P	00	1	TDD	BP	04B		
03630	XA416	10			XA415	10				168	9		TCCP00	02	TC038N	01	1	TDD	AN	07A		
08193	XA416	11										M	TC038P	01	TC038P	00	1	TDD	AP	05B		
00083	XA416	12											+5V	01				TDD				
03821	XA416	13											TC038Q	02	TC038Q	00	1	TDD	AQ	06B		
03648	XA416	14			XA415	14				168	9		TCCP30	02	TC338N	01	1	TDD	DN	09A		
03704	XA416	15			XA415	15				168	9		TCRS0B	09	TC038Q	01	1	TDD	AQ	07B		
00657	XA416	16											GND	01				TDD		20B		
03703	XA416	17			XA416	15				168	9		TCRS0B	08	TC338Q	01	1	TDD	DQ	08B		
03868	XA416	18			XA519	07				168	9		TC328Q	02	TC338I	01	1	TDD	DI	10A		
03869	XA416	19			XA417	18				168	9		TC338Q	01	TC338Q	00	1	TDD	DO	09B		
01246	XA416	20			XA415	20				168	9		SPI002	05	TC338P	01	1	TDD	DP	11A		
08202	XA416	21										M	TC338P	01	TC338P	00	1	TDD	DP	10B		
01336	XA416	22			XA415	22				168	9		SPI005	06	TC238P	01	1	TDD	CP	12A		
08200	XA416	23										M	TC238P	01	TC238P	00	1	TDD	CP	11B		
03850	XA416	24											TC228Q	02	TC238I	01	1	TDD	CI	13A		
03852	XA416	25											TC238Q	02	TC238Q	00	1	TDD	CQ	12B		
03645	XA416	26			XA417	26				168	9		TCCP20	05	TC238N	01	1	TDD	CN	14A		
03721	XA416	27			XA417	27				168	9		TCRS0B	26	TC238Q	01	1	TDD	CO	13B		
00084	XA416	28											+5V	01				TDD				
03720	XA416	29			XA416	27				168	9		TCRS0B	25	TC538Q	01	1	TDD	FQ	14B		
03660	XA416	30			XA415	30				168	9		TCCP50	02	TC538N	01	1	TDD	FN	15A		
03910	XA416	31			XA417	34				168	9		TC538Q	01	TC538Q	00	1	TDD	FO	15B		
00658	XA416	32											GND	01				TDD		21B		
08207	XA416	33										M	TC538P	01	TC538P	00	1	TDD	FP	16B		
03908	XA416	34			XA415	31				168	9		TC528Q	01	TC538I	01	1	TDD	FJ	16A		
08205	XA416	35											TC438P	02	TC438P	00	1	TDD	EP	17B		
01264	XA416	36			XA427	71				168	9		SPI002	23	TC538P	01	1	TDD	FP	17A		E06
03889	XA416	37			XA417	40				168	9		TC438Q	01	TC438Q	00	1	TDD	EQ	18B		B02
01341	XA416	38			XA417	38				168	9		SPI005	11	TC438P	01	1	TDD	EP	18A		
03725	XA416	39			XA415	39				168	9		TCRS0B	30	TC438Q	01	1	TDD	EQ	19B		
03887	XA416	40			XA415	37				168	9		TC428Q	01	TC438I	01	1	TDD	EI	19A		
03741	XA416	41			XA415	41				168	9		TCRS7A	02	TC738Q	01	1	TDD	HQ	22B		
03657	XA416	42			XA417	42				168	9		TCCP40	05	TC438N	01	1	TDD	EN	20A		
03962	XA416	43			XA417	48				168	9		TC738Q	01	TC738Q	00	1	TDD	HO	23B		
00659	XA416	44											GND	01				TDD		27A		
03961	XA416	45											TC738P	06	TC738P	00	1	TDD	HP	24B		
03672	XA416	46			XA415	46				168	9		TCCP70	02	TC738N	01	1	TDD	HN	21A		
03929	XA416	47										M	TC638P	02	TC638P	00	1	TDD	GP	25B		
03954	XA416	48			XA415	43				168	9		TC728Q	03	TC738I	01	1	TDD	HI	22A		DOI
03931	XA416	49			XA417	54				168	9		TC638Q	02	TC638Q	00	1	TDD	GQ	26B		
01256	XA416	50			XA415	50				168	9		SPI002	15	TC738P	01	1	TDD	HP	23A		
CONNECTOR XA416 CONTINUED ON THE NEXT PAGE ****																						

RECORD NUMBER	FROM				TO				WIRE				SIGNAL	SEQ NO	EQUATION	TERM	FACTORY	CKT OR CHIP TYPE	GROUP	LOAD OP POWER PLANE	TEST POINTS		SIGNAL DESCRIPTION	ECO NO
	PREFIX	CONNECTOR	PIN	WIRE	PREFIX	CONNECTOR	PIN	WIRE	MULTI GROUP	CODE	COLOR	IDENT									AND	OR		
03732		XA416	51			XA417	51						TCRS0B	37	TC63BQ	01	1	TDD	GO		27B			
01344		XA416	52			XA415	52						SPI005	14	TC63BP	01	1	TDD	GP		24A			
01267		XA416	53			XA417	53						SPI003	02	TX1MAQ	01	1	TDD	KO		28B			
03926		XA416	54			XA415	49						TC62BQ	01	TC63BI	01	1	TDD	GI		25A			
08028		XA416	55			XA412	76						TX1MAQ	02	TX1MAQ	00	1	TDD	KO		29B	SYNC CLOCK BIT 0		
03669		XA416	56			XA417	56						TCCP60	05	TC63BN	01	1	TDD	GN		26A			
08026		XA416	57										TX1MAP	02	TX1MAP	00	1	TDD	KP		30B			
00660		XA416	58										GND	01				TDD			40A			
03999		XA416	59									M	TC83BP	03	TC83BP	00	1	TDD	JP		31B		D01	
08057		XA416	60			XA420	33						TC83BP	02	TX1MAN	01	1	TDD	KN		28A			
04003		XA416	61			XA438	63						TC83BQ	04	TC83BQ	00	1	TDD	JO		32B			
08031		XA416	62			XA417	57						TX1MBP	02	TX1MAI	01	1	TDD	KI		29A			
03751		XA416	63			XA417	65						TCRS7A	12	TC83BQ	01	1	TDD	JO		33B		A03	
01386		XA416	64			XA417	36						SPI006	32	TX1MAP	01	1	TDD	KP		30A			
01350		XA416	65			XA416	66						SPI005	20	TLPT3Q	01	1	TDD	MQ		34B			
01351		XA416	66			XA417	73						SPI005	21	TC83BP	01	1	TDD	JP		31A		A03	
00661		XA416	67										GND	01				TDD			40B			
03995		XA416	68			XA415	61						TC82BQ	02	TC83BI	01	1	TDD	JT		32A			
08258		XA416	69									M	TLPT3P	01	TLPT3P	00	1	TDD	MP		35A			
03681		XA416	70			XA417	72						TCCP80	05	TC83BN	01	1	TDD	JN		33A		A03	
04674		XA416	71			XA415	74						TLPT2Q	01	TLPT3I	01	1	TDD	MI		36A			
07050		XA416	72			XA414	72						TXCP1Q	04	TLPT3N	01	1	TDD	MN		34A			
07452		XA416	73			XA414	73						TXRS2B	17	TLPT3P	01	1	TDD	MP		36B			
04677		XA416	74										TLPT3Q	02	TLPT3Q	00	1	TDD	MQ		35B	LOOP TEST COUNT BY		
05484		XA416	75			XA52	63						TRW42A	01	TREW4P	01	1	TDD	LP		37B			
05222		XA416	76										TREW4P	02	TREW4P	00	1	TDD	LP		37A			
05488		XA416	77			XA537	63						TRW490	01	TREW4I	01	1	TDD	LI		38B			
05224		XA416	78										TREW4Q	02	TREW4Q	00	1	TDD	LQ		38A	REWINDING 4 REMEMB		
07179		XA416	79			XA415	79						TXDV1B	34	TREW4N	01	1	TDD	LN		39B			
07448		XA416	80			XA415	80						TXRS2B	13	TREW4Q	01	1	TDD	LQ		39A			
03635		XA417	01			XA416	01						TCCP10	01	TC14BN	01	1	TDD	BN		02B			
00662		XA417	02										GND	01				TDD			01B			
03700		XA417	03			XA417	15						TCRS0B	05	TC14BQ	01	1	TDD	BQ		02A			
01389		XA417	04										SPI006	35	TC14BP	01	1	TDD	BP		04A			
03837		XA417	05			XA416	07						TC13BQ	02	TC14BI	01	1	TDD	BI		03B			
01333		XA417	06			XA417	22						SPI005	03	TC04BP	01	1	TDD	AP		05A		E03	
03843		XA417	07										TC14BQ	02	TC14BQ	00	1	TDD	BQ		03A	MAIN TIMING COUNT		
03820		XA417	08			XA416	13						TC03BQ	01	TC04BI	01	1	TDD	AI		06A			
03841		XA417	09			XA519	18						TC14BP	03	TC14BP	00	1	TDD	BP		04B		D01	
03629		XA417	10			XA416	10						TCCP00	01	TC04BN	01	1	TDD	AN		07A			
03824		XA417	11										TC04BP	03	TC04BP	00	1	TDD	AP		05B			
00085		XA417	12										+5V	01				TDD						
03826		XA417	13										TC04BQ	02	TC04BQ	00	1	TDD	AQ		06B	MAIN TIMING COUNT		
03647		XA417	14			XA416	14						TCCP30	01	TC34BN	01	1	TDD	DN		09A			
03701		XA417	15			XA417	17						TCRS0B	06	TC04BQ	01	1	TDD	AQ		07B			
00663		XA417	16										GND	01				TDD			20B			
03702		XA417	17			XA416	17						TCRS0B	07	TC34BQ	01	1	TDD	DQ		08B			
03870		XA417	18			XA519	10						TC33BQ	02	TC34BI	01	1	TDD	DI		10A			
CONNECTOR		XA417	CONTINUED ON THE NEXT PAGE ****																					

RECORD NUMBER	FROM			TO			WIRE			SPEC INST MISC	SIGNAL	SEQ NO	EQUATION	TERM	FACTORY	CKT OR CHIP TYPE	GROUP	LOAD OR POWER PLANE	TEST POINTS AND OR	SIGNAL DESCRIPTION	ECO NO
	PREFIX	CONNECTOR	PIN	PREFIX	CONNECTOR	PIN	WIRE	MULTI GROUP	CODE												
03877		XA417	19									TC348Q	02	TC348Q	00	1	TDD	DQ	09B	MAIN TIMING COUNT	
01388		XA417	20		XA417	04			16B	9		SPI006	34	TC348P	01	1	TDD	DP	11A		
03874		XA417	21									TC348P	03	TC348P	00	1	TDD	DP	10B	E03	
01335		XA417	22		XA416	22			16B	9		SPI005	05	TC248P	01	1	TDD	CP	12A		
03855		XA417	23									TC248P	03	TC248P	00	1	TDD	CP	11B		
03851		XA417	24		XA416	25			16B	9		TC238Q	01	TC248I	01	1	TDD	CI	13A		
03857		XA417	25									TC248Q	02	TC248Q	00	1	TDD	CQ	12B	MAIN TIMING COUNT	
03646		XA417	26									TCCP20	06	TC248N	01	1	TDD	CN	14A		
03722		XA417	27		XA417	29			16B	9		TCRS0B	27	TC248Q	01	1	TDD	CQ	13B		
00086		XA417	28									+5V	01				TDD				
03723		XA417	29		XA417	39			16B	9		TCRS0B	28	TC548Q	01	1	TDD	FQ	14B		
03659		XA417	30		XA416	30			16B	9		TCCP50	01	TC548N	01	1	TDD	FN	15A		
03918		XA417	31									TC548Q	02	TC548Q	00	1	TDD	FQ	15B		
00664		XA417	32									GND	01				TDD		21B		
03916		XA417	33									TC548P	04	TC548P	00	1	TDD	FP	16B		
03911		XA417	34		XA519	13			16B	9		TC538Q	02	TC548I	01	1	TDD	FI	16A		
03893		XA417	35									TC448P	03	TC448P	00	1	TDD	EP	17B	D04	
01387		XA417	36		XA417	20			16B	9		SPI006	33	TC548P	01	1	TDD	FP	17A		
03896		XA417	37									TC448Q	02	TC448Q	00	1	TDD	EQ	18B	MAIN TIMING COUNT	
01342		XA417	38		XA417	52			16B	9		SPI005	12	TC448P	01	1	TDD	EP	18A		
03724		XA417	39		XA416	39			16B	9		TCRS0B	29	TC448Q	01	1	TDD	EQ	19B		
03890		XA417	40		XA519	05			16B	9		TC438Q	02	TC448I	01	1	TDD	FI	19A	D01	
03740		XA417	41		XA416	41			16B	9		TCRS7A	01	TC748Q	01	1	TDD	HQ	22B		
03658		XA417	42									TCCP40	06	TC448N	01	1	TDD	FN	20A		
03969		XA417	43		XA521	04			16B	9		TC748Q	01	TC748Q	00	1	TDD	HQ	23B	WRITE TIMING COUNT	
00665		XA417	44									GND	01				TDD		27A		
03967		XA417	45		XA527	66			16B	9		TC748P	03	TC748P	00	1	TDD	HP	24B		
03671		XA417	46		XA416	46			16B	9		TCCP70	01	TC748N	01	1	TDD	HN	21A		
03934		XA417	47		XA413	54			16B	9		TC648P	02	TC648P	00	1	TDD	GP	25B		
03963		XA417	48		XA527	64			16B	9		TC738Q	02	TC748I	01	1	TDD	HI	22A		
03938		XA417	49									TC648Q	02	TC648Q	00	1	TDD	GQ	26B	MAIN TIMING COUNT	
01383		XA417	50		XA417	64			16B	9		SPI006	29	TC748P	01	1	TDD	HP	23A		
03733		XA417	51									TCRS0B	38	TC648Q	01	1	TDD	GQ	27B		
01343		XA417	52		XA416	52			16B	9		SPI005	13	TC648P	01	1	TDD	GP	24A		
01268		XA417	53		XA418	56			16B	9		SPI003	03	TX1MBQ	01	1	TDD	KQ	28B		
03932		XA417	54									TC638Q	03	TC648I	01	1	TDD	GI	25A		
08033		XA417	55		XA412	74			16B	9		TX1MBQ	01	TX1MBQ	00	1	TDD	KQ	29B	SYNC CLOCK BIT 1	
03670		XA417	56									TCCP60	06	TC648N	01	1	TDD	GN	26A		
08032		XA417	57									TX1MBP	03	TX1MBP	00	1	TDD	KP	30B		
00666		XA417	58									GND	01				TDD		40A		
04007		XA417	59		XA525	04			16B	9		TCSD1P	01	TCSD1P	00	1	TDD	JP	31B	A03	
08056		XA417	60		XA416	60			16B	9		T04MHJ	01	TX1MBN	01	1	TDD	KN	28A		
04010		XA417	61									TCSD1Q	02	TCSD1Q	00	1	TDD	JO	32B	A03	
08027		XA417	62		XA416	55			16B	9		TX1MAQ	01	TX1MBI	01	1	TDD	KI	29A		
03752		XA417	63		XA416	64			16B	9		SPI006	31	TCSD1Q	01	1	TDD	JO	33B	A03	
01384		XA417	64		XA417	63			16B	9		SPI006	30	TX1MBP	01	1	TDD	KP	30A		
01385		XA417	65									TCRS7A	13	TC848Q	01	1	TDD	MQ	34B	A03	
01352		XA417	66		XA415	64			16B	9		TCSDRA	02	TCSD1P	01	1	TDD	JP	31A		
00667		XA417	67									GND	01				TDD		40B	A03	
04002		XA417	68		XA415	57			16B	9		TCSD2P	02	TCSD1I	01	1	TDD	JT	32A		
CONNECTOR		XA417	CONTINUED ON THE NEXT PAGE ****																		

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	BRIDGE	PREFIX	CONNECTOR	PIN	BRIDGE	MULTI GROUP	CODE	COLOR	IDENT											
03775		XA417	69		XA421	66				16B	9		TC84BP	03	TC84BP	00	1	TDD	MP		35A		D01
03682		XA417	70		XA415	60				16B	9		TSCK3B	59	TCSD1N	01	1	TDD	JN		33A		A03
03785		XA417	71		XA416	61				16B	9		TC83BQ	03	TC84BI	01	1	TDD	MI		36A		A03
05776		XA417	72										TCCP80	06	TC84BN	01	1	TDD	MN		34A		A03
03756		XA417	73		XA417	77				16B	9		SPI005	22	TC84BP	01	1	TDD	MP		36B		A03
03779		XA417	74		XA438	64				16B	9		TC84BQ	02	TC84BQ	00	1	TDD	MQ		35B		A03
06015		XA417	75		XA418	47				16B	9		TSYN1A	03	TCSD0P	01	1	TDD	LP		37B		
03762		XA417	76		XA524	06				16B	9		TCSD0P	01	TCSD0P	00	1	TDD	LP		37A		
01353		XA417	77		XA420	49				16B	9		SPI005	23	TCSD0I	01	1	TDD	LI		38B		
03766		XA417	78										TCSD0Q	03	TCSD0Q	00	1	TDD	LQ		38A		
03784		XA417	79		XA417	68				16B	9		TCSD2P	01	TCSD0N	01	1	TDD	LN		39B		A03
07447		XA417	80		XA416	80				16B	9		TXRS2B	12	TCSD0Q	01	1	TDD	LQ		39A		
05908		XA418	01		XA407	60				16B	9		TSTPRA	01	TCRS00	01	1	TS8	A1		02B		
00668		XA418	02										GND	01				TS8			01A		
00274		XA418	03										DNW	01				TS8					
05959		XA418	04										TSTRRA	02	TCRS00	01	2	TS8	A1		04A		
04411		XA418	05										TFSTRA	02	TCRS00	01	3	TS8	A1		03B		
04574		XA418	06		XA407	80				16B	9		TLADRA	01	TCRS00	01	4	TS8	A1		05A		
03694		XA418	07										TCRSCA	02	TCRS00	01	5	TS8	A1		03A		
06522		XA418	08		XA522	51				16B	9		TWRGRA	02	TCRS00	01	6	TS8	A1		06A		
00275		XA418	09										DNW	01				TS8					
07409		XA418	10		XA409	10				16B	9		TXRS1B	06	TCRS00	01	7	TS8	A1		07A		
03734		XA418	11		XA412	18				16B	9		TCRS00	01	TCRS00	00	1	TS8	A1		05B		
00087		XA418	12										+5V	01				TS8					
01334		XA418	13										TSTR3A	03	TCRS00	01	8	TS8	A1		06B		E03
03815		XA418	14										TC00BQ	03	TCZROA	01	1	TS8	B1		09A		
00276		XA418	15										DNW	01				TS8					
00669		XA418	16										GND	01				TS8			21B		
00277		XA418	17										DNW	01				TS8					
03825		XA418	18		XA417	13				16B	9		TC04BQ	01	TCZROA	01	2	TS8	B1		10A		
03827		XA418	19		XA414	05				16B	9		TC10BQ	01	TCZROA	01	3	TS8	B1		09B		
03842		XA418	20		XA417	07				16B	9		TC14BQ	01	TCZROA	01	4	TS8	B1		11A		
00278		XA418	21										DNW	01				TS8					
03844		XA418	22		XA414	24				16B	9		TC20BQ	01	TCZROA	01	5	TS8	B1		12A		
03795		XA418	23		XA412	34				16B	9		TCZROA	01	TCZROA	00	1	TS8	B1		11B		
03856		XA418	24		XA417	25				16B	9		TC24BQ	01	TCZROA	01	6	TS8	B1		13A		
03806		XA418	25										TCZR10	02	TCZROA	01	7	TS8	B1		12B		
01393		XA418	26		XA418	54				16B	9		SPI007	04	TCZROA	01	8	TS8	B1		14A		
00279		XA418	27										DNW	01				TS8					
00088		XA418	28										+5V	01				TS8					
00280		XA418	29										DNW	01				TS8					
03860		XA418	30		XA414	18				16B	9		TC30BQ	01	TCZR1A	01	1	TS8	C1		15A		
03876		XA418	31		XA417	19				16B	9		TC34BQ	01	TCZR1A	01	2	TS8	C1		15B		
00670		XA418	32										GND	01				TS8			27A		
00281		XA418	33										DNW	01				TS8					
03883		XA418	34		XA525	43				16B	9		TC40BQ	03	TCZR1A	01	3	TS8	C1		16A		
03803		XA418	35		XA412	29				16B	9		TCZR1A	01	TCZR1A	00	1	TS8	C1		17B		
03895		XA418	36		XA417	37				16B	9		TC44BQ	01	TCZR1A	01	4	TS8	C1		17A		
CONNECTOR XA418 CONTINUED ON THE NEXT PAGE ****																							

RECORD NUMBER	FROM			TO			WIRE			SIGNAL	SEQ 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	COLOR	LOENT											
03900	XA418	37		XA414	34		168	9		TC508Q	01	TCZR1A	01	5	TS8	C1		18B		
03917	XA418	38		XA417	31		168	9		TC548Q	01	TCZR1A	01	6	TS8	C1		18A		
00282	XA418	39								DNW	01				TS8					
03919	XA418	40		XA414	54		168	9		TC608Q	01	TCZR1A	01	7	TS8	C1		19A		
00283	XA418	41								DNW	01				TS8					
03937	XA418	42		XA417	49		168	9		TC64BQ	01	TCZR1A	01	8	TS8	C1		20A		
07178	XA418	43		XA416	79		168	9		TXDV1B	33	TSYN1A	01	1	TS8	D1		23B		
00671	XA418	44								GND	01				TS8			40A		
00284	XA418	45								DNW	01				TS8					
07527	XA418	46		XA426	04		168	9		TXR091T	01	TSYN1A	01	2	TS8	D1		21A		
06016	XA418	47								TSYN1A	04	TSYN1A	00	1	TS8	D1		25B	MOTION COMMAND STA	
07534	XA418	48		XA426	11		168	9		TXR093T	01	TSYN1A	01	3	TS8	D1		22A		
07544	XA418	49		XA427	09		168	9		TXR096T	01	TSYN1A	01	4	TS8	D1		26B	D01	
07548	XA418	50								TXR097T	03	TSYN1A	01	5	TS8	D1		23A		
00285	XA418	51								DNW	01				TS8					
01382	XA418	52		XA417	50		168	9		SPI006	28	TSYN1A	01	6	TS8	D1		24A		
00286	XA418	53								DNW	01				TS8					
01394	XA418	54		XA421	45		168	9		SPI007	05	TSYN1A	01	7	TS8	D1		25A		
05162	XA418	55		XA507	59		168	9		TREQ4A	01	TXXRCO	01	1	TS8	E1		29B		
01269	XA418	56		XA421	50		168	9		SPI003	04	TSYN1A	01	8	TS8	D1		26A		
00287	XA418	57								DNW	01				TS8					
00672	XA418	58								GND	01				TS8					
07963	XA418	59		XA428	03		168	9		TXXRCO	01	TXXRCO	00	1	TS8	E1		31B	REQUEST INPUTS	
06670	XA418	60								TWRQ1A	03	TXXRCO	01	2	TS8	E1		28A		
04692	XA418	61		XA523	07		168	9		TLPT5A	10	TXXRCO	01	3	TS8	E1		32B		
04856	XA418	62		XA510	19		168	9		TNSGCA	01	TXXRCO	01	4	TS8	E1		29A		
00288	XA418	63								DNW	01				TS8					
04862	XA418	64		XA508	09		168	9		TNSGEA	01	TXXRCO	01	5	TS8	E1		30A		
00289	XA418	65								DNW	01				TS8					
04443	XA418	66								TFST6A	02	TXXRCO	01	6	TS8	E1		31A	F03	
00673	XA418	67								GND	01				TS8					
04462	XA418	68		XA508	69		168	9		TINT2A	02	TXXRCO	01	7	TS8	E1		32A		
00290	XA418	69								DNW	01				TS8					
04474	XA418	70		XA503	49		168	9		TINT6A	02	TXXRCO	01	8	TS8	E1		33A		
05849	XA418	71		XA433	75		168	9		TSNC2S	06	TFST0A	01	1	TS8	F1		36A		
03499	XA418	72		XA525	31		168	9		TBUSYS	05	TFST0A	01	2	TS8	F1		34A		
05892	XA418	73		XA407	79		168	9		SPI001	00	TFST0A	01	3	TS8	F1		36B	D01	
04148	XA418	74		XA406	39		168	9		IDSC00	01	TFST0A	01	4	TS8	F1		35B		
05910	XA418	75		XA525	18		168	9		TSTP0R	01	TFST0A	01	5	TS8	F1		37B		
04412	XA418	76		XA410	60		168	9		TFST0A	01	TFST0A	00	1	TS8	F1		37A	FLYING START	
05926	XA418	77		XA407	68		168	9		TSTP1R	01	TFST0A	01	6	TS8	F1		38B		
05940	XA418	78								TSTP2R	05	TFST0A	01	7	TS8	F1		38A		
05775	XA418	79		XA417	70		168	9		TSCK3B	58	TFST0A	01	8	TS8	F1		39B	A03	
00291	XA418	80								DNW	01				TS8					
02500	XA419	01								SPP	01									
00674	XA419	02								GND	01									
02501	XA419	03								SPP	01									
02502	XA419	04								SPP	01									
CONNECTOR XA419 CONTINUED ON THE NEXT PAGE ****																				

RECORD NUMBER	FROM			TO			WIRE				SPL. INST. MISC.	SIGNAL	SEQ NO	EQUATION	TERM	FACTS	CKT OR CHIP TYPE	GROUP	LOAD OR POWER PLANE	TEST POINTS		SIGNAL DESCRIPTION	ECO NO
	PREFIX	CONNECTOR	PIN	PREFIX	CONNECTOR	PIN	SIZE	MULTI GROUP	CODE	COLOR										IDENT	AND		
02503		XA419	05									SPP	01										
02504		XA419	06									SPP	01										
02505		XA419	07									SPP	01										
02506		XA419	08									SPP	01										
02507		XA419	09									SPP	01										
02508		XA419	10									SPP	01										
02509		XA419	11									SPP	01										
00089		XA419	12									+5V	01										
02510		XA419	13									SPP	01										
02511		XA419	14									SPP	01										
02512		XA419	15									SPP	01										
00675		XA419	16									GND	01										
02513		XA419	17									SPP	01										
02514		XA419	18									SPP	01										
02515		XA419	19									SPP	01										
02516		XA419	20									SPP	01										
02517		XA419	21									SPP	01										
02518		XA419	22									SPP	01										
02519		XA419	23									SPP	01										
02520		XA419	24									SPP	01										
02521		XA419	25									SPP	01										
02522		XA419	26									SPP	01										
02523		XA419	27									SPP	01										
00090		XA419	28									+5V	01										
02524		XA419	29									SPP	01										
02525		XA419	30									SPP	01										
02526		XA419	31									SPP	01										
00676		XA419	32									GND	01										
02527		XA419	33									SPP	01										
02528		XA419	34									SPP	01										
02529		XA419	35									SPP	01										
02530		XA419	36									SPP	01										
02531		XA419	37									SPP	01										
02532		XA419	38									SPP	01										
02533		XA419	39									SPP	01										
02534		XA419	40									SPP	01										
02535		XA419	41									SPP	01										
02536		XA419	42									SPP	01										
02537		XA419	43									SPP	01										
00677		XA419	44									GND	01										
02538		XA419	45									SPP	01										
02539		XA419	46									SPP	01										
02540		XA419	47									SPP	01										
02541		XA419	48									SPP	01										
02542		XA419	49									SPP	01										
02543		XA419	50									SPP	01										
02544		XA419	51									SPP	01										
02545		XA419	52									SPP	01										
02546		XA419	53									SPP	01										
02547		XA419	54									SPP	01										
CONNECTOR XA419 CONTINUED ON THE NEXT PAGE ***																							

H78-14 1740

DATA SYSTEMS DIVISION
LITTON SYSTEMS INC.
LITTON INDUSTRIES

DRAWING NUMBER 149016-880

CONNECTOR UNIT ASSEMBLY NO. 149016

REV. E

INDEX

XA419

UNIT ASSEMBLY NAME CARD CAGE ASSY, A, IFCU

FILE IDENT T39CIFC6

DATE 09-03-82

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RECORD NUMBER	FROM			TO			WIRE					SIGNAL	SEQ NO	EQUATION	TERM FACTOR	CKT OR CHIP TYPE	GROUP	LOAD OR POWER PLANE	TEST POINTS		SIGNAL DESCRIPTION	ECO NO		
	PREFIX	CONNECTOR	PIN	PREFIX	CONNECTOR	PIN	WIRE NO	MULTI GROUP	CODE	COLOR	IDENT								AND	OR				
02548		XA419	55									SPP	01											
02549		XA419	56									SPP	01											
02550		XA419	57									SPP	01											
00678		XA419	58									GND	01											
02551		XA419	59									SPP	01											
02552		XA419	60									SPP	01											
02553		XA419	61									SPP	01											
02554		XA419	62									SPP	01											
02555		XA419	63									SPP	01											
02556		XA419	64									SPP	01											
02557		XA419	65									SPP	01											
02558		XA419	66									SPP	01											
00679		XA419	67									GND	01											
02559		XA419	68									SPP	01											
02560		XA419	69									SPP	01											
02561		XA419	70									SPP	01											
02562		XA419	71									SPP	01											
02563		XA419	72									SPP	01											
02564		XA419	73									SPP	01											
02565		XA419	74									SPP	01											
02566		XA419	75									SPP	01											
02567		XA419	76									SPP	01											
02568		XA419	77									SPP	01											
02569		XA419	78									SPP	01											
02570		XA419	79									SPP	01											
02571		XA419	80									SPP	01											
02572		XA420	01									SPP	01											
00680		XA420	02									GND	01									OSC		
02573		XA420	03									SPP	01									OSC		
02574		XA420	04									SPP	01									OSC		
02575		XA420	05									SPP	01									OSC		
02576		XA420	06									SPP	01									OSC		
02577		XA420	07									SPP	01									OSC		
02578		XA420	08									SPP	01									OSC		
02579		XA420	09									SPP	01									OSC		
02580		XA420	10									SPP	01									OSC		
02581		XA420	11									SPP	01									OSC		
00091		XA420	12									+5V	01									OSC		
02582		XA420	13									SPP	01									OSC		
02583		XA420	14									SPP	01									OSC		
02584		XA420	15									SPP	01									OSC		
00681		XA420	16									GND	01									OSC		
02585		XA420	17									SPP	01									OSC		
02586		XA420	18									SPP	01									OSC		
02587		XA420	19									SPP	01									OSC		
02588		XA420	20								M	T01MHO	01									OSC		
02589		XA420	21								M	T01MHP	01									OSC		
02590		XA420	22									SPP	01									OSC		
CONNECTOR		XA420	CONTINUED ON THE NEXT PAGE										****											

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	SIZE	MULTI GROUP	CODE	COLOR									IDENT	AND		
02591		XA420	23									M	T02MHP	01		OSC						
02592		XA420	24										SPP	01		OSC						
02593		XA420	25									M	T02MHQ	01		OSC						
02594		XA420	26		XA420	37			16B	9			T04MHK	04		OSC						
02595		XA420	27										SPP	01		OSC						
00092		XA420	28										+5V	01		OSC						
02596		XA420	29		XA420	52			16B	9			T0SCRA	01		OSC						
02597		XA420	30		XA427	69			16B	9			SPI004	30		OSC						B02
02598		XA420	31										SPP	01		OSC						
00682		XA420	32										GND	01		OSC						
02599		XA420	33										T04MHJ	03		OSC	4					
02600		XA420	34										SPP	01		OSC						
02601		XA420	35										SPP	01		OSC						
02602		XA420	36										SPP	01		OSC						
02603		XA420	37										T04MHK	05		OSC	4C					
02604		XA420	38										SPP	01		OSC						
02605		XA420	39									M	T08MHK	01		OSC	8C					
02606		XA420	40										SPP	01		OSC						
02607		XA420	41									M	T08MHJ	01		OSC	8					
02608		XA420	42										SPP	01		OSC						
02609		XA420	43										SPP	01		OSC						
00683		XA420	44										GND	01		OSC						
02610		XA420	45										SPP	01		OSC						
02611		XA420	46										SPP	01		OSC						
02612		XA420	47		XA420	48			16B	9			T16MHA	01		OSC						
02613		XA420	48		XA420	60			16B	9			T16MHA	02		OSC	16					
02614		XA420	49		XA427	79			16B	9			SPI005	24		OSC						B02
02615		XA420	50		XA427	50			16B	9			TXGN4A	025		OSC						
02616		XA420	51		XA434	01			16B	9			T16MHD	00		OSC						
02617		XA420	52										T0SCRA	02		OSC						
02618		XA420	53										SPP	01		OSC						
02619		XA420	54										T16MIO	06		OSC						
02620		XA420	55		XA418	52			16B	9			SPI006	275		OSC						
02621		XA420	56										SPP	01		OSC						
02622		XA420	57										SPP	01		OSC						
00684		XA420	58										GND	01		OSC						
02623		XA420	59										SPP	01		OSC						
02624		XA420	60		XA327	68			16B	9			T16MHA	03		OSC						B02
02625		XA420	61										SPP	01		OSC						
02626		XA420	62										SPP	01		OSC						
02627		XA420	63										SPP	01		OSC						
02628		XA420	64										SPP	01		OSC						
02629		XA420	65										SPP	01		OSC						
02630		XA420	66										SPP	01		OSC						
00685		XA420	67										GND	01		OSC						
02631		XA420	68										SPP	01		OSC						
02632		XA420	69										SPP	01		OSC						
02633		XA420	70										SPP	01		OSC						
02634		XA420	71										SPP	01		OSC						
02635		XA420	72										SPP	01		OSC						
CONNECTOR		XA420	CONTINUED ON THE NEXT PAGE ****																			

RECORD NUMBER	FROM				TO				WIRE				SIGNAL	SEQ NO	EQUATION	TERM	FACTOR	CKT OR CHIP TYPE	GROUP	LOAD OR POWER PLANE	TEST POINTS		SIGNAL DESCRIPTION	ECO NO
	PREFIX	CONNECTOR	PIN	SH FTG	PREFIX	CONNECTOR	PIN	SH FTG	MULTI GROUP	CODE	COLOR	IDEN									SPEC INST MISC	AND		
02636		XA420	73										SPP	01				OSC						
02637		XA420	74										SPP	01				OSC						
02638		XA420	75										SPP	01				OSC						
02639		XA420	76										SPP	01				OSC						
02640		XA420	77										SPP	01				OSC						
02641		XA420	78										SPP	01				OSC						
02642		XA420	79										SPP	01				OSC						
02643		XA420	80										SPP	01				OSC						
00292		XA421	01										DNW	01				MUX						
00686		XA421	02										GND	01				MUX				01B		
05490		XA421	03		XA421	69			168	9			TR00B0	01	TXDB01X	01	1	MUX	A1			02B		
07085		XA421	04		XA424	53			168	9			TXDB01X	01	TXDB01X	00	1	MUX	A1			02A	INPUT MUX BIT 0	
05610		XA421	05		XA422	71			168	9			TR24BQ	01	TXDB01X	01	2	MUX	A1			03B		
08401		XA421	06									M	TXDB02X	01	TXDB02X	00	1	MUX	A2			03A		
05530		XA421	07		XA421	71			168	9			TR08BQ	01	TXDB01X	01	3	MUX	A1			04B		
07924		XA421	08		XA421	24			168	9			TXXDSQ	04	TXDB02X	01	3	MUX	A2			04A		
05570		XA421	09		XA422	69			168	9			TR16BQ	01	TXDB01X	01	4	MUX	A1			05B		
07952		XA421	10		XA422	10			168	9			TXXDQ0	06	TXDB02X	01	2	MUX	A2			05A		
06135		XA421	11		XA408	10			168	9			TTS1B5	04	TXDB01X	01	5	MUX	A1			06B		
00093		XA421	12										+5V	01				MUX				08A		
07270		XA421	13		XA423	13			168	9			TXGN5A	09	TXDB02X	01	4	MUX	A2			07A		
07939		XA421	14		XA422	14			168	9			TXXD1Q	07	TXDB02X	01	1	MUX	A2			06A		
06219		XA421	15		XA408	13			168	9			TTS4B5	08	TXDB01X	01	6	MUX	A1			07B		
00687		XA421	16										GND	01				MUX				20B		
06191		XA421	17		XA408	07			168	9			TTS3B5	08	TXDB01X	01	8	MUX	A1			08B		
06163		XA421	18		XA408	05			168	9			TTS2B5	08	TXDB01X	01	7	MUX	A1			09A		
05495		XA421	19		XA421	75			168	9			TR01BQ	01	TXDB11X	01	1	MUX	B1			09B		
07088		XA421	20										TXDB11X	02	TXDB11X	00	1	MUX	B1			10A		
05615		XA421	21		XA422	77			168	9			TR25BQ	01	TXDB11X	01	2	MUX	B1			10B		
08402		XA421	22									M	TXDB12X	01	TXDB12X	00	1	MUX	B2			11A		
05535		XA421	23		XA421	77			168	9			TR09BQ	01	TXDB11X	01	3	MUX	B1			11B		
07925		XA421	24		XA422	24			168	9			TXXDSQ	05	TXDB12X	01	3	MUX	B2			12A		
05575		XA421	25		XA422	75			168	9			TR17BQ	01	TXDB11X	01	4	MUX	B1			12B		
07951		XA421	26		XA421	10			168	9			TXXDQ0	05	TXDB12X	01	2	MUX	B2			13A		
07938		XA421	27		XA421	14			168	9			TXXD1Q	06	TXDB12X	01	1	MUX	B2			14A		
00094		XA421	28										+5V	01				MUX				08A		
05037		XA421	29		XA423	35			168	9			TRDY10X	01	TXDB11X	01	5	MUX	B1			13B		
07268		XA421	30		XA422	13			168	9			TXGN5A	07	TXDB12X	01	4	MUX	B2			15A		
05052		XA421	31		XA423	43			168	9			URDY40X	01	TXDB11X	01	6	MUX	B1			14B		
00688		XA421	32										GND	01				MUX				27A	001	
05047		XA421	33		XA423	39			168	9			URDY30X	01	TXDB11X	01	8	MUX	B1			16A	001	
05042		XA421	34		XA423	37			168	9			URDY20X	01	TXDB11X	01	7	MUX	B1			15B	001	
03536		XA421	35										TADSA	04	TADSW1X	01	1	MUX	C1			16B	001	
03509		XA421	36									M	TADSW1X	04	TADSW1X	00	1	MUX	C1			17A	ROT MULTIPLEXER 001	
03549		XA421	37										TADS00	02	TADSW1X	01	2	MUX	C1			17B	001	
08153		XA421	38		XA522	65			168	9			TADSW2X	02	TADSW2X	00	1	MUX	C2			18A	001	
03556		XA421	39										TADS10	02	TADSW1X	01	3	MUX	C1			18B	001	
06218		XA421	40		XA422	37			168	9			TADSD0X	0M	TADSW2X	01	3	MUX	C2			19A	001	
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	PREFIX	CONNECTOR	PIN	INFO	PREFIX	CONNECTOR	PIN	INFO	GROUP	CODE	COLOR	IDENT												SPC INST
01456		XA421	41			XA514	03							SPI008	31	TADSW1X	01	4	MUX	C1		198	E03	
06190		XA421	42			XA423	18							TADSC0X	00	TADSW2X	01	2	MUX	C2		20A	D01	
03563		XA421	43			XA422	18							TADSA0X	00	TADSW1X	01	5	MUX	C1		22B	D01	
00689		XA421	44											GND	01				MUX			40A		
01395		XA421	45			XA422	47							SPT007	06	TADSW1X	01	6	MUX	C1		23B	D01	
06162		XA421	46											TADSBOX	04	TADSW2X	01	1	MUX	C2		21A	D01	
01381		XA421	47			XA420	55							SPI006	27	TADSW1X	01	7	MUX	C1		23A	D01	
07276		XA421	48			XA421	68							TXGN6A	04	TADSW2X	01	4	MUX	C2		22A	D01	
07898		XA421	49			XA424	49							TXXDIP	01	TXDB4TA	01	4	MUX	D1		24B		
01270		XA421	50			XA422	41							SPI003	05	TADSW1X	01	8	MUX	C1		24A	D01	
06032		XA421	51			XA517	78							TS2890	02	TXDB4TA	01	1	MUX	D1		25B		
07846		XA421	52											TXXC1Q	04	TXDB4TA	01	3	MUX	D1		25A		
07102		XA421	53											TXDB41X	02	TXDB4TA	01	2	MUX	D1		26B		
06049		XA421	54			XA526	49							TS30CQ	01	TXDB4TC	01	1	MUX	D3		26A		
07094		XA421	55											TXDB4TA	02	TXDB4TA	00	1	MUX	D1		27B	INPUT MULTIPLEXER	
07106		XA421	56											TXDB61X	02	TXDB4TC	01	2	MUX	D3		28B		
06039		XA421	57			XA526	31							TS29CQ	01	TXDB4TB	01	1	MUX	D2		29B		
00690		XA421	58											GND	01				MUX			40B		
07103		XA421	59			XA423	20							TXDB51X	01	TXDB4TB	01	2	MUX	D2		30B		
07098		XA421	60											TXDB4TC	02	TXDB4TC	00	1	MUX	D3		28A		
07095		XA421	61			XA427	55							TXDB4TB	01	TXDB4TB	00	1	MUX	D2		31B		
06055		XA421	62			XA526	43							TS31CQ	01	TXDB4TD	01	1	MUX	D4		29A		
07099		XA421	63			XA427	59							TXDB4TD	01	TXDB4TD	00	1	MUX	D4		31A		
07107		XA421	64			XA424	20							TXDB71X	01	TXDB4TD	01	2	MUX	D4		30A		
00293		XA421	65											DNW	01				MUX					
03982		XA421	66			XA423	66							TC84BP	04	TW01DTA	01	4	MUX	F1		32B	D01	
00691		XA421	67											GND	01				MUX					
07277		XA421	68			XA422	68							TXGN6A	05	TW01DTA	01	3	MUX	F1		33A		
05491		XA421	69			XA530	61							TRO0BQ	02	TW01DTA	01	1	MUX	E1		32A		
05501		XA421	70			XA530	78							TRO2BQ	02	TW01DTC	01	1	MUX	F3		34A		
05531		XA421	71			XA531	37							TRO8BQ	02	TW01DTA	01	2	MUX	E1		33B		
05541		XA421	72			XA531	49							TR10BQ	02	TW01DTC	01	2	MUX	E3		35A		
06752		XA421	73			XA423	51							TW01DTA	01	TW01DTA	00	1	MUX	E1		34B		
06756		XA421	74			XA423	54							TW01DTC	01	TW01DTC	00	1	MUX	E3		36A		
05496		XA421	75			XA530	55							TRO1BQ	02	TW01DTB	01	1	MUX	E2		35B		
05506		XA421	76			XA530	74							TRO3BQ	02	TW01DTC	01	1	MUX	F4		37A		
05536		XA421	77			XA531	31							TRO9BQ	02	TW01DTB	01	2	MUX	E2		36B		
05546		XA421	78			XA531	43							TR11BQ	02	TW01DTC	01	2	MUX	F4		38A		
06755		XA421	79											TW01DTB	02	TW01DTB	00	1	MUX	E2		37B		
06759		XA421	80											TW01DTC	02	TW01DTC	00	1	MUX	F4		38B		
00294		XA422	01											DNW	01				MUX					
00692		XA422	02											GND	01				MUX				01B	
05500		XA422	03			XA421	70							TRO2BQ	01	TXDB21X	01	1	MUX	A1		02B		
07089		XA422	04			XA424	56							TXDB21X	01	TXDB21X	00	1	MUX	A1		02A		
05620		XA422	05			XA422	72							TR26BQ	01	TXDB21X	01	2	MUX	A1		03B		
08403		XA422	06											TXDB22X	01	TXDB22X	00	1	MUX	A2		03A		
05540		XA422	07			XA421	72							TR10BQ	01	TXDB21X	01	3	MUX	A1		04B		
07923		XA422	08			XA421	08							TXXDSQ	03	TXDB22X	01	3	MUX	A2		04A		
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RECORD NUMBER	FROM			TO			WIRE			MULT. GROUP	COLOR	IDENT	SIGNAL	SEQ NO	EQUATION	TERM	RATES	CMT OR CHIP TYPE	GROUP	LOAD OR POWER PLANE	TEST POINTS AND OR	SIGNAL DESCRIPTION	ECO NO
	PREFIX	CONNECTOR	PIN	PREFIX	CONNECTOR	PIN	WIRE NO	CODE															
05580		XA422	09		XA422	70		168	9			TR18BQ	01	TXDB21X	01	4	MUX	A1		05B			
07953		XA422	10		XA423	10		168	9			TXXD0Q	07	TXDB22X	01	2	MUX	A2		05A			
04392		XA422	11									TWDBSA	04	TXDB21X	01	5	MUX	A1		06B		D04	
00095		XA422	12									+5V	01				MUX			06A			
07269		XA422	13		XA421	13		168	9			TXGN5A	08	TXDB22X	01	4	MUX	A2		07A			
07940		XA422	14		XA423	14		168	9			TXXD1Q	08	TXDB22X	01	1	MUX	A2		06A			
04407		XA422	15		XA424	43		168	9			UFPR40X	01	TXDB21X	01	6	MUX	A1		07B		D01	
00693		XA422	16									GND	01				MUX			20B			
04402		XA422	17		XA424	39		168	9			UFPR30X	01	TXDB21X	01	8	MUX	A1		08B		D01	
04397		XA422	18		XA424	37		168	9			TADSAOX	01	TXDB21X	01	7	MUX	A1		09A		D01	
05505		XA422	19		XA421	76		168	9			TR038Q	01	TXDB31X	01	1	MUX	B1		09B			
07092		XA422	20									TXDB31X	02	TXDB31X	00	1	MUX	B1		10A			
05625		XA422	21		XA422	78		168	9			TR279Q	01	TXDB31X	01	2	MUX	B1		10B			
08404		XA422	22								M	TXDB32X	01	TXDB32X	00	1	MUX	B2		11A			
05545		XA422	23		XA421	78		168	9			TR11BQ	01	TXDB31X	01	3	MUX	B1		11B			
07926		XA422	24		XA423	24		168	9			TXXD5Q	06	TXDB32X	01	3	MUX	B2		12A			
05585		XA422	25		XA422	76		168	9			TR19BQ	01	TXDB31X	01	4	MUX	B1		12B			
07950		XA422	26		XA421	26		168	9			TXXD0Q	04	TXDB32X	01	2	MUX	B2		13A			
07937		XA422	27		XA421	27		168	9			TXXD1Q	05	TXDB32X	01	1	MUX	B2		14A			
00096		XA422	28									+5V	01				MUX			08A			
05188		XA422	29		XA522	10		168	9			TREW10X	01	TXDB31X	01	5	MUX	B1		13B			
07267		XA422	30		XA421	30		168	9			TXGN5A	06	TXDB32X	01	4	MUX	B2		15A			
05225		XA422	31		XA522	13		168	9			UREW40X	01	TXDB31X	01	6	MUX	B1		14B		D01	
00694		XA422	32									GND	01				MUX			27A			
05216		XA422	33		XA522	07		168	9			UREW30X	01	TXDB31X	01	8	MUX	B1		16A		D01	
05205		XA422	34		XA421	46		168	9			TADSB0X	03	TXDB31X	01	7	MUX	B1		15B		D01	
04353		XA422	35		XA545	29		168	9			TE0T10X	02	TADSX1X	01	1	MUX	C1		16B		D01	
04329		XA422	36								M	TADSX1X	05	TADSX1X	00	1	MUX	C1		17A	EDT MULTIPLEXER	D01	
04365		XA422	37		XA423	34		168	9			TADSD0X	01	TADSX1X	01	2	MUX	C1		17B		D01	
08244		XA422	38								M	TADSX2X	01	TADSX2X	00	1	MUX	C2		18A		D01	
04373		XA422	39		XA545	40		168	9			UE0T30X	02	TADSX1X	01	3	MUX	C1		18B		D01	
06217		XA422	40		XA421	15		168	9			TTS4BS	06	TADSX2X	01	3	MUX	C2		19A		D01	
01271		XA422	41		XA423	41		168	9			SPI003	06	TADSX1X	01	4	MUX	C1		19B		D01	
06189		XA422	42		XA421	17		168	9			TTS3BS	06	TADSX2X	01	2	MUX	C2		20A		D01	
04380		XA422	43		XA545	30		168	9			UE0T40X	02	TADSX1X	01	5	MUX	C1		22B		D01	
00695		XA422	44									GND	01				MUX			40A			
01380		XA422	45		XA421	47		168	9			SPI006	26	TADSX1X	01	6	MUX	C1		23B		D01	
06161		XA422	46		XA421	18		168	9			TTS2BS	06	TADSX2X	01	1	MUX	C2		21A		D01	
01396		XA422	47		XA424	45		168	9			SPI007	07	TADSX1X	01	7	MUX	C1		23A		D01	
07275		XA422	48		XA421	48		168	9			TXGN6A	03	TADSX2X	01	4	MUX	C2		22A		D01	
03998		XA422	49		XA413	57		168	9			TC90BP	002	TW04DTA	01	4	MUX	D1		24B		D01	
01455		XA422	50		XA421	41		168	9			SPI008	30	TADSX1X	01	8	MUX	C1		24A		D01	
06785		XA422	51									TW050TA	02	TW04DTA	01	1	MUX	D1		25B			
06627		XA422	52		XA518	69		168	9			THRI2R	03	TW04DTA	01	3	MUX	D1		25A			
06793		XA422	53									TW06DTA	02	TW04DTA	01	2	MUX	D1		26B			
06789		XA422	54									TW05DTC	02	TW04DTC	01	1	MUX	D3		26A			
06771		XA422	55									TW04DTA	04	TW04DTA	00	1	MUX	D1		27B	WRITE DATA BIT 4 M		
06797		XA422	56									TW06DTC	02	TW04DTC	01	2	MUX	D3		28B			
06786		XA422	57		XA423	79		168	9			TW05DTB	01	TW04DTB	01	1	MUX	D2		29B			
00696		XA422	58									GND	01				MUX			40B			
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	PREFIX	CONNECTOR	PIN	TYPE	PREFIX	CONNECTOR	PIN	TYPE	MULTI GROUP	CODE	COLOR	IDENT												SPEC. INST. MISC.
06794	XA422	59			XA424	79				16B	9			TW06DTB	01	TW04DTB	01	2	MUX	D2		30B		
06779	XA422	60												TW04DTC	04	TW04DTC	00	1	MUX	D3		28A		
06772	XA422	61			XA438	36				16B	9			TW04DTB	01	TW04DTB	00	1	MUX	D2		31B		
06790	XA422	62			XA423	80				16B	9			TW05DTC	01	TW04DTC	01	1	MUX	D4		29A		
06780	XA422	63			XA438	30				16B	9			TW04DTC	01	TW04DTC	00	1	MUX	D4		31A		
06798	XA422	64			XA424	80				16B	9			TW06DTC	01	TW04DTC	01	2	MUX	D4		30A		
00295	XA422	65												DNW	01									
03978	XA422	66			XA424	66				16B	9			TC84BP	06	TW02DTA	01	4	MUX	E1		32B		
00697	XA422	67												GND	01									D01
07278	XA422	68			XA423	68				16B	9			TXGN6A	06	TW02DTA	01	3	MUX	E1		33A		
05571	XA422	69			XA532	13				16B	9			TR16BQ	02	TW02DTA	01	1	MUX	E1		32A		
05581	XA422	70			XA532	25				16B	9			TR18BQ	02	TW02DTC	01	1	MUX	E3		34A		
05611	XA422	71			XA532	61				16B	9			TR24BQ	02	TW02DTA	01	2	MUX	E1		33B		
05621	XA422	72			XA532	78				16B	9			TR26BQ	02	TW02DTC	01	2	MUX	E3		35A		
06760	XA422	73			XA423	53				16B	9			TW02DTA	01	TW02DTA	00	1	MUX	E1		34B		
06764	XA422	74			XA423	56				16B	9			TW02DTC	01	TW02DTC	00	1	MUX	E3		36A		
05576	XA422	75			XA532	07				16B	9			TR17BQ	02	TW02DTB	01	1	MUX	E2		35B		
05586	XA422	76			XA532	19				16B	9			TR19BQ	02	TW02DTB	01	1	MUX	E4		37A		
05616	XA422	77			XA532	55				16B	9			TR25BQ	02	TW02DTB	01	2	MUX	E2		36B		
05626	XA422	78			XA532	74				16B	9			TR27BQ	02	TW02DTB	01	2	MUX	E4		38A		
06763	XA422	79												TW02DTB	02	TW02DTB	00	1	MUX	E2		37B		
06767	XA422	80												TW02DTC	02	TW02DTC	00	1	MUX	E4		38B		
00296	XA423	01												DNW	01									
00698	XA423	02												GND	01									
05510	XA423	03			XA423	69				16B	9			TR04BQ	01	TXDB41X	01	1	MUX	A1		02B		
07101	XA423	04			XA421	53				16B	9			TXDB41X	01	TXDB41X	00	1	MUX	A1		02A		
05630	XA423	05			XA424	71				16B	9			TR28BQ	01	TXDB41X	01	2	MUX	A1		03B		
08405	XA423	06											M	TXDB42X	01	TXDB42X	00	1	MUX	A2		03A		
05550	XA423	07			XA423	71				16B	9			TR12BQ	01	TXDB41X	01	3	MUX	A1		04B		
07922	XA423	08			XA422	08				16B	9			TXXD5Q	02	TXDB42X	01	3	MUX	A2		04A		
05590	XA423	09			XA424	69				16B	9			TR20BQ	01	TXDB41X	01	4	MUX	A1		05B		
07954	XA423	10			XA424	10				16B	9			TXXD0Q	08	TXDB42X	01	2	MUX	A2		05A		
03535	XA423	11			XA408	56				16B	9			TB0T10X	05	TXDB41X	01	5	MUX	A1		06B		
00097	XA423	12												+5V	07									D01
07271	XA423	13			XA424	13				16B	9			TXGN5A	10	TXDB42X	01	4	MUX	A2		07A		
07941	XA423	14			XA424	14				16B	9			TXXD1Q	09	TXDB42X	01	1	MUX	A2		06A		
03562	XA423	15			XA545	03				16B	9			UB0T40X	01	TXDB41X	01	6	MUX	A1		07B		
00699	XA423	16												GND	01									D01
03555	XA423	17			XA545	10				16B	9			UB0T30X	01	TXDB41X	01	8	MUX	A1		08B		
03548	XA423	18			XA545	15				16B	9			TADSC0X	01	TXDB41X	01	7	MUX	A1		09A		
05515	XA423	19			XA423	75				16B	9			TR05BQ	01	TXDB51X	01	1	MUX	B1		09B		
07104	XA423	20												TXDB51X	02	TXDB51X	00	1	MUX	B1		10A		
05635	XA423	21			XA424	77				16B	9			TR29BQ	01	TXDB51X	01	2	MUX	B1		10B		
08406	XA423	22												TXDB52X	01	TXDB52X	00	1	MUX	B2		11A		
05555	XA423	23			XA423	77				16B	9			TR13BQ	01	TXDB51X	01	3	MUX	B1		11B		
07927	XA423	24			XA424	24				16B	9			TXXD5Q	07	TXDB52X	01	3	MUX	B2		12A		
05595	XA423	25			XA424	75				16B	9			TR21BQ	01	TXDB51X	01	4	MUX	B1		12B		
07949	XA423	26			XA422	26				16B	9			TXXD0Q	03	TXDB52X	01	2	MUX	B2		13A		
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RECORD NUMBER	FROM				TO				WIRE				SIGNAL	SEC NO	EQUATION	SIGNAL TYPE	GROUP	LOAD OR POWER PLANE	TEST POINT	SIGNAL DESCRIPTION	ECO NO	
	PREFIX	CONNECTOR	PIN	WIRE	PREFIX	CONNECTOR	PIN	WIRE	WIRE	WIRE	WIRE	WIRE										
07936		XA423	27			XA422	27						TXXD1Q	04	TXD852X	01	1	MUX	B2	14A		
00098		XA423	28										+5V	01				MUX			08A	
04352		XA423	29			XA422	35						TEOT10X	01	TXD851X	01	5	MUX	B1	13B		
07266		XA423	30			XA422	30						TXGN5A	05	TXD852X	01	4	MUX	B2	13A		
04379		XA423	31			XA422	43						UEOT40X	01	TXD851X	01	6	MUX	B1	14B		
00700		XA423	32										GND	01				MUX			27A	001
04372		XA423	33			XA422	39						UEOT30X	01	TXD851X	01	8	MUX	B1	16A		
04366		XA423	34			XA545	35						TADS00X	02	TXD851X	01	7	MUX	B1	15B		
05038		XA423	35			XA522	74						TRDY10X	02	URDYX1X	01	1	MUX	C1	16B		
05034		XA423	36										URDYX1X	02	URDYX1X	00	1	MUX	C1	17A	READY MULTIPLEXER	
05043		XA423	37			XA546	75						URDY20X	02	URDYX1X	01	2	MUX	C1	17B		
08282		XA423	38										URDYX2X	01	URDYX2X	00	1	MUX	C2	18A		
05048		XA423	39			XA546	76						URDY30X	02	URDYX1X	01	3	MUX	C1	18B		
06216		XA423	40			XA422	40						TTS4BS	05	URDYX2X	01	3	MUX	C2	19A		
01272		XA423	41			XA424	50						SPI003	07	URDYX1X	01	4	MUX	C1	19B		
06188		XA423	42			XA422	42						TTS3BS	05	URDYX2X	01	2	MUX	C2	20A		
05053		XA423	43			XA546	68						URDY40X	02	URDYX1X	01	5	MUX	C1	22B		
00701		XA423	44										GND	01				MUX			40A	001
01454		XA423	45			XA422	50						SPI008	29	URDYX1X	01	6	MUX	C1	23B		
06160		XA423	46			XA422	46						TTS2BS	05	URDYX2X	01	1	MUX	C2	21A		
01379		XA423	47			XA422	45						SPI006	25	URDYX1X	01	7	MUX	C1	23A		
07274		XA423	48			XA422	48						TXGN6A	02	URDYX2X	01	4	MUX	C2	22A		
03997		XA423	49			XA422	49						TC90BP	00	TW00DTA	01	4	MUX	D1	24B		
01398		XA423	50			XA425	51						SPI007	09	URDYX1X	01	8	MUX	C1	24A		
06753		XA423	51										TW01DTA	02	TW00DTA	01	1	MUX	D1	25B		
06626		XA423	52			XA422	52						THR12R	02	TW00DTA	01	3	MUX	D1	25A		
06761		XA423	53										TW02DTA	02	TW00DTA	01	2	MUX	D1	26B		
06757		XA423	54										TW01DTC	02	TW00DTC	01	1	MUX	D3	26A		
06739		XA423	55										TW00DTA	04	TW00DTA	00	1	MUX	D1	27B	WRITE DATA BIT 0 M	
06765		XA423	56										TW02DTC	02	TW00DTC	01	2	MUX	D3	28B		
06754		XA423	57			XA421	79						TW01DTB	01	TW00DTB	01	1	MUX	D2	29B		
00702		XA423	58										GND	01				MUX			40B	
06762		XA423	59			XA422	79						TW02DTB	01	TW00DTB	01	2	MUX	D2	30B		
06747		XA423	60										TW00DTC	04	TW00DTC	00	1	MUX	D3	28A		
06740		XA423	61			XA438	33						TW00DTB	01	TW00DTB	00	1	MUX	D2	31B		
06758		XA423	62			XA421	80						TW01DTD	01	TW00DTD	01	1	MUX	D4	29A		
06748		XA423	63			XA438	37						TW00DTD	01	TW00DTD	00	1	MUX	D4	31A		
06766		XA423	64			XA422	80						TW02DTD	01	TW00DTD	01	2	MUX	D4	30A		
00297		XA423	65										DNW	01				MUX				
03983		XA423	66			XA422	66						TC848P	05	TW05DTA	01	4	MUX	F1	32B		
00703		XA423	67										GND	01				MUX				001
07279		XA423	68			XA424	68						TXGN6A	07	TW05DTA	01	3	MUX	F1	33A		
05511		XA423	69			XA531	13						TR04BQ	02	TW05DTA	01	1	MUX	E1	32A		
05521		XA423	70			XA531	25						TR06BQ	02	TW05DTC	01	1	MUX	E3	34A		
05551		XA423	71			XA531	61						TR12BQ	02	TW05DTA	01	2	MUX	E1	33B		
05561		XA423	72			XA531	78						TR14BQ	02	TW05DTC	01	2	MUX	E3	35A		
06784		XA423	73			XA422	51						TW05DTA	01	TW05DTA	00	1	MUX	E1	34B		
06788		XA423	74			XA422	54						TW05DTC	01	TW05DTC	00	1	MUX	E3	36A		
05516		XA423	75			XA531	07						TR05BQ	02	TW05DTB	01	1	MUX	E2	35B		
05526		XA423	76			XA531	19						TR07BQ	02	TW05DTD	01	1	MUX	F4	37A		
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	PREFIX	CONNECTOR	PIN	PREFIX	CONNECTOR	PIN	SH FTG	MULTI GROUP	CODE												
05556		XA423	77		XA531	55			168	9		TR138Q	02	TW05DTB	01	2	MUX	E2	36B		
05566		XA423	78		XA531	74			168	9		TR158Q	02	TW05DTD	01	2	MUX	E4	38A		
06787		XA423	79									TW05DTB	02	TW05DTB	00	1	MUX	E2	37B		
06791		XA423	80									TW05DTD	02	TW05DTD	00	1	MUX	E4	38B		
00298		XA424	01									DNW	01				MUX				
00704		XA424	02									GND	01				MUX			01B	
05520		XA424	03		XA423	70			168	9		TR06BQ	01	TXDB61X	01	1	MUX	A1		02B	
07105		XA424	04		XA421	56			168	9		TXDB61X	01	TXDB61X	00	1	MUX	A1		02A	
05640		XA424	05		XA424	72			168	9		TR30BQ	01	TXDB61X	01	2	MUX	A1		03B	
08407		XA424	06								M	TXDB62X	01	TXDB62X	00	1	MUX	A2		03A	
05560		XA424	07		XA423	72			168	9		TR14BQ	01	TXDB61X	01	3	MUX	A1		04B	
07921		XA424	08		XA423	08			168	9		TXD0SQ	01	TXDB62X	01	3	MUX	A2		04A	
05600		XA424	09		XA424	70			168	9		TR22BQ	01	TXDB61X	01	4	MUX	A1		05B	
07955		XA424	10		XA436	05			168	9		TXD0Q	09	TXDB62X	01	2	MUX	A2		05A	
07241		XA424	11		XA436	18			168	9		TXGN1A	04	TXDB61X	01	5	MUX	A1		06B	
00099		XA424	12									+5V	01				MUX			08A	
07272		XA424	13									TXGN5A	11	TXDB62X	01	4	MUX	A2		07A	
07942		XA424	14		XA430	70			168	9		TXD1Q	10	TXDB62X	01	1	MUX	A2		06A	
06047		XA424	15		XA526	25			168	9		TS30BQ	01	TXDB61X	01	6	MUX	A1		07B	
00705		XA424	16									GND	01				MUX			20B	
05651		XA424	17									TSBZY0	02	TXDB61X	01	8	MUX	A1		08B	
06017		XA424	18		XA526	13			168	9		TS14BQ	01	TXDB61X	01	7	MUX	A1		09A	
05525		XA424	19		XA423	76			168	9		TR07BQ	01	TXDB71X	01	1	MUX	B1		09B	
07108		XA424	20									TXDB71X	02	TXDB71X	00	1	MUX	B1		10A	INPUT MUX BIT 7
05645		XA424	21		XA424	78			168	9		TR31BQ	01	TXDB71X	01	2	MUX	B1		10B	
08408		XA424	22								M	TXDB72X	01	TXDB72X	00	1	MUX	B2		11A	
05565		XA424	23		XA423	78			168	9		TR158Q	01	TXDB71X	01	3	MUX	B1		11B	
07928		XA424	24		XA430	66			168	9		TXD0SQ	08	TXDB72X	01	3	MUX	B2		12A	
05605		XA424	25		XA424	76			168	9		TR23BQ	01	TXDB71X	01	4	MUX	B1		12B	
07948		XA424	26		XA423	26			168	9		TXD0Q	02	TXDB72X	01	2	MUX	B2		13A	
07935		XA424	27		XA423	27			168	9		TXD1Q	03	TXDB72X	01	1	MUX	B2		14A	
00100		XA424	28									+5V	01				MUX			08A	
07240		XA424	29		XA424	11			168	9		TXGN1A	03	TXDB71X	01	5	MUX	B1		13B	
07265		XA424	30		XA423	30			168	9		TXGN5A	04	TXDB72X	01	4	MUX	B2		15A	
06053		XA424	31		XA526	19			168	9		TS31BQ	01	TXDB71X	01	6	MUX	B1		14B	
00706		XA424	32									GND	01				MUX			27A	
06023		XA424	33		XA526	07			168	9		TS23BQ	01	TXDB71X	01	8	MUX	B1		16A	
06020		XA424	34									TS159Q	02	TXDB71X	01	7	MUX	B1		15B	
04393		XA424	35		XA545	47			168	9		TFPR10X	02	UFPRX1X	01	1	MUX	C1		16B	
08249		XA424	36								M	UFPRX1X	01	UFPRX1X	00	1	MUX	C1		17A	FILE PROTECT MULT
04398		XA424	37		XA545	56			168	9		TADSA0X	02	UFPRX1X	01	2	MUX	C1		17B	D01
04389		XA424	38								M	UFPRX2X	04	UFPRX2X	00	1	MUX	C2		18A	D01
04403		XA424	39		XA545	57			168	9		UFPR30X	02	UFPRX1X	01	3	MUX	C1		18B	D01
06215		XA424	40		XA423	40			168	9		TTS4BS	04	UFPRX2X	01	3	MUX	C2		19A	D01
01378		XA424	41		XA423	47			168	9		SPT006	24	UFPRX1X	01	4	MUX	C1		19B	D01
06187		XA424	42		XA423	42			168	9		TTS3BS	04	UFPRX2X	01	2	MUX	C2		20A	D01
04408		XA424	43		XA545	48			168	9		UFPR40X	02	UFPRX1X	01	5	MUX	C1		22B	D01
00707		XA424	44									GND	01				MUX			40A	
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	PREFIX	CONNECTOR	PIW	WIRE	PREFIX	CONNECTOR	PIW	WIRE	WIRE	WIRE	WIRE	WIRE											
01397		XA424	45		XA423	50		168	9			SPI007	08	UFPRX1X	01	6	MUX	C1		23B		001	
06159		XA424	46		XA423	46		168	9			TTS2B5	04	UFPRX2X	01	1	MUX	C2		21A		001	
01453		XA424	47		XA423	45		168	9			SPI008	28	UFPRX1X	01	7	MUX	C1		23A		001	
07273		XA424	48		XA423	48		168	9			TXGN6A	01	UFPRX2X	01	4	MUX	C2		22A		001	
07899		XA424	49		XA429	73		168	9			TXXDIP	02	TXDB0TA	01	4	MUX	D1		24B			
01273		XA424	50		XA442	39		168	9			SPI003	08	UFPRX1X	01	8	MUX	C1		24A		001	
03508		XA424	51		XA423	11		168	9			T80T10X	04	TXDB0TA	01	1	MUX	D1		25B		001	
07845		XA424	52		XA421	52		168	9			TXXC1Q	03	TXDB0TA	01	3	MUX	D1		25A			
07086		XA424	53									TXDB01X	02	TXDB0TA	01	2	MUX	D1		26B			
06029		XA424	54		XA526	37		168	9			TS26CQ	01	TXDB0TC	01	1	MUX	D3		26A			
07077		XA424	55		XA427	39		168	9			TXDB0TA	01	TXDB0TA	00	1	MUX	D1		27B	INPUT MULTIPLEXER		
07090		XA424	56									TXDB21X	02	TXDB0TC	01	2	MUX	D3		28B			
04328		XA424	57		XA423	29		168	9			TE0T10X	007	TXDB0TB	01	1	MUX	D2		29B		001	
00708		XA424	58									GND	01				MUX			40B			
07087		XA424	59		XA421	20		168	9			TXDB11X	01	TXDB0TB	01	2	MUX	D2		30B			
07081		XA424	60		XA427	43		168	9			TXDB0TC	01	TXDB0TC	00	1	MUX	D3		28A			
07080		XA424	61									TXDB0TB	02	TXDB0TB	00	1	MUX	D2		31B			
04771		XA424	62		XA522	69		168	9			TRDY1A	01	TXDB0TD	01	1	MUX	D4		29A		001	
07084		XA424	63									TXDB0TD	02	TXDB0TD	00	1	MUX	D4		31A			
07091		XA424	64		XA422	20		168	9			TXDB31X	01	TXDB0TD	01	2	MUX	D4		30A			
00299		XA424	65									DNW	01				MUX						
03979		XA424	66		XA527	74		168	9			TC848P	07	TW06DTA	01	4	MUX	E1		32B		E03	
00709		XA424	67									GND	01				MUX						
07280		XA424	68		XA427	64		168	9			TXGN6A	08	TW06DTA	01	3	MUX	E1		33A			
05591		XA424	69		XA532	37		168	9			TR20BQ	02	TW06DTA	01	1	MUX	E1		32A			
05601		XA424	70		XA532	49		168	9			TR22BQ	02	TW06DTC	01	1	MUX	E3		34A			
05631		XA424	71		XA533	13		168	9			TR28BQ	02	TW06DTA	01	2	MUX	E1		33B			
05641		XA424	72		XA533	25		168	9			TR30BQ	02	TW06DTC	01	2	MUX	E3		35A			
06792		XA424	73		XA422	53		168	9			TW06DTA	01	TW06DTA	00	1	MUX	E1		34B			
06796		XA424	74		XA422	56		168	9			TW06DTC	01	TW06DTC	00	1	MUX	E3		36A			
05596		XA424	75		XA532	31		168	9			TR21BQ	02	TW06DTB	01	1	MUX	E2		35B			
05606		XA424	76		XA532	43		168	9			TR23BQ	02	TW06DTD	01	1	MUX	E4		37A			
05636		XA424	77		XA533	07		168	9			TR29BQ	02	TW06DTB	01	2	MUX	E2		36B			
05646		XA424	78		XA533	19		168	9			TR31BQ	02	TW06DTD	01	2	MUX	E4		38A			
06795		XA424	79									TW06DTB	02	TW06DTB	00	1	MUX	E2		37B			
06799		XA424	80									TW06DTD	02	TW06DTD	00	1	MUX	E4		38B			
07177		XA425	01		XA418	43		168	9			TXDV1B	32	TREWDN	01	1	TDD	BN		02B			
00710		XA425	02									GND	01				TDD			01B			
01402		XA425	03		XA426	10		168	9			SPI007	13	TREWDO	01	1	TDD	B0		02A			
05016		XA425	04		XA425	20		168	9			TR0CAB	04	TREWDP	01	1	TDD	BP		04A			
05197		XA425	05		XA426	14		168	9			TREW20	01	TREWDI	01	1	TDD	BI		03B			
05448		XA425	06		XA522	66		168	9			TRW12A	01	TREWIP	01	1	TDD	AP		05A			
05177		XA425	07		XA409	14		168	9			TREWDO	01	TREWDO	00	1	TDD	B0		03A	REWIND/NO INTERRUPT		
05458		XA425	08		XA537	66		168	9			TRW19D	01	TREWLI	01	1	TDD	AI		06A			
05174		XA425	09		XA525	22		168	9			TREWDP	04	TREWDP	00	1	TDD	BP		04B			
07176		XA425	10		XA425	01		168	9			TXDV1B	31	TREW1N	01	1	TDD	AN		07A			
05185		XA425	11									TREW1P	02	TREW1P	00	1	TDD	AP		05B			
00101		XA425	12									+5V	01				TDD						
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	PREFIX	CONNECTOR	PIN	INFO	PREFIX	CONNECTOR	PIN	INFO	MULTI GROUP	CODE	COLOR	IDENT											
05187		XA425	13										TREW1Q	02	TREW1Q	00	1	TDD	AQ		06B	REWINDING 1 REMEMB	
07175		XA425	14		XA425	10				16B	9		TXDV1B	30	TSPAEN	01	1	TDD	DN		09A		
07408		XA425	15		XA418	10				16B	9		TXRS1B	05	TREW1Q	01	1	TDD	AQ		07B		
00711		XA425	16										GND	01				TDD			20B		
01375		XA425	17		XA425	29				16B	9		SPI006	21	TSPAFO	01	1	TDD	DQ		08B		
05870		XA425	18		XA426	38				16B	9		TSPA20	01	TSPAFI	01	1	TDD	DI		10A		
05866		XA425	19		XA508	01				16B	9		TSPAFO	01	TSPAFO	00	1	TDD	DQ		09B	SPACE FILE FOR COM	
05017		XA425	20		XA425	22				16B	9		TRDCAB	05	TSPAEP	01	1	TDD	DP		11A		
05865		XA425	21										TSPAFP	05	TSPAFP	00	1	TDD	DP		10B		
05018		XA425	22		XA425	36				16B	9		TRDCAB	06	TSPACP	01	1	TDD	CP		12A		
05853		XA425	23		XA527	34				16B	9		TSPACP	01	TSPACP	00	1	TDD	CP		11B		
05869		XA425	24										TSPA10	02	TSPACT	01	1	TDD	CT		13A		
05858		XA425	25		XA409	66				16B	9		TSPACO	01	TSPACQ	00	1	TDD	CO		12B	SPACE FOR/REV COMM	
07174		XA425	26		XA425	14				16B	9		TXDV1B	29	TSPACN	01	1	TDD	CN		14A		
01401		XA425	27		XA425	03				16B	9		SPI007	12	TSPACQ	01	1	TDD	CQ		13B		
00102		XA425	28										+5V	01				TDD					
01376		XA425	29		XA425	41				16B	9		SPI006	22	TWRIEQ	01	1	TDD	FQ		14B		
07173		XA425	30		XA425	26				16B	9		TXDV1B	28	TWRIEN	01	1	TDD	FN		15A		
06576		XA425	31										TWRIEQ	03	TWRIEQ	00	1	TDD	FO		15B	ERASE COMMAND F/F	
00712		XA425	32										GND	01				TDD			21B		
06569		XA425	33		XA527	38				16B	9		TWRIEQ	01	TWRIEP	00	1	TDD	FP		16B		
06716		XA425	34		XA426	39				16B	9		TWR120	01	TWRIEI	01	1	TDD	FI		16A		
04445		XA425	35		XA527	42				16B	9		THISPP	01	THISPP	00	1	TDD	EP		17B		
05019		XA425	36		XA425	38				16B	9		TRDCAB	07	TWRIEP	01	1	TDD	EP		17A		
04449		XA425	37		XA515	30				16B	9		THISPO	01	THISPO	00	1	TDD	EQ		18B	NEW SPEED F/F	CO1
05020		XA425	38		XA425	50				16B	9		TRDCAB	08	THISPP	01	1	TDD	EP		18A		
01400		XA425	39		XA425	27				16B	9		SPI007	11	THISPO	01	1	TDD	EO		19B		
04453		XA425	40										THIS10	02	THISPI	01	1	TDD	EI		19A		
01377		XA425	41		XA424	41				16B	9		SPI006	23	TWRITO	01	1	TDD	HQ		22B		
07172		XA425	42		XA425	30				16B	9		TXDV1B	27	THISPN	01	1	TDD	FN		20A		
06594		XA425	43										TWRITQ	09	TWRITO	00	1	TDD	HO		23B	WRITE COMMAND F/F	
00713		XA425	44										GND	01				TDD			27A		
06584		XA425	45		XA407	50				16B	9		TWRITP	06	TWRITP	00	1	TDD	HP		24B		
07171		XA425	46		XA425	42				16B	9		TXDV1B	26	TWRITN	01	1	TDD	HN		21A		
06732		XA425	47		XA521	55				16B	9		TWTSTP	01	TWTSTP	00	1	TDD	GP		25B		
06715		XA425	48										TWR110	02	TWRITI	01	1	TDD	HI		22A		
08350		XA425	49									M	TWTSTQ	01	TWTSTQ	00	1	TDD	GO		26B	WRITE TEST COMMAND	
05021		XA425	50		XA425	52				16B	9		TRDCAB	09	TWRITP	01	1	TDD	HP		23A		
01399		XA425	51		XA425	39				16B	9		SPI007	10	TWTSTQ	01	1	TDD	GO		27B		
05022		XA425	52		XA425	64				16B	9		TRDCAB	10	TWTSTP	01	1	TDD	GP		24A		
01374		XA425	53		XA425	17				16B	9		SPI006	20	TREDBQ	01	1	TDD	KQ		28B		
06719		XA425	54		XA518	06				16B	9		TWR130	02	TWTSTI	01	1	TDD	GI		25A		
08287		XA425	55		XA517	76				16B	9		TREDBQ	01	TREDBQ	00	1	TDD	KQ		29B		
07170		XA425	56		XA425	46				16B	9		TXDV1B	25	TWTSTN	01	1	TDD	GN		26A		
05067		XA425	57										TREDBP	03	TREDBP	00	1	TDD	KP		30B		
00714		XA425	58										GND	01				TDD			40A		
05058		XA425	59		XA527	36				16B	9		TREADP	04	TREADP	00	1	TDD	JP		31B		
07169		XA425	60		XA425	56				16B	9		TXDV1B	24	TREDBN	01	1	TDD	KN		28A		
05063		XA425	61		XA431	14				16B	9		TREADQ	04	TREADQ	00	1	TDD	JO		32B	READ/INTERRUPT COM	
05070		XA425	62		XA426	30				16B	9		TRED20	01	TREDBI	01	1	TDD	KI		29A		
CONNECTOR		XA425	CONTINUED ON THE NEXT PAGE ***																				

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XA425

UNIT ASSEMBLY NAME CARD CAGE ASSY, A, IFCU

CONNECTOR

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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	FCO NO
	PREFIX	CONNECTOR	PIN	PREFIX	CONNECTOR	PIN	CODE	COLOR	IDEN.												
01424		XA425	63		XA425	77		168	9		SPI007	35	TREAD0	01	1	TDD	JQ		33B		
05023		XA425	64		XA425	66		168	9		TRDCAB	11	TREDBP	01	1	TDD	KP		30A		
07446		XA425	65		XA417	80		168	9		TXRS2B	11	TREOC0	01	1	TDD	MO		34B		
05024		XA425	66		XA539	04		168	9		TRDCAB	12	TREADP	01	1	TDD	JP		31A		
00715		XA425	67								GND	01				TDD			40B		
05069		XA425	68								TRED10	02	TREADI	01	1	TDD	JI		32A		
05120		XA425	69		XA514	20		168	9		TREQCP	02	TREOC0	00	1	TDD	MP		35A		
07168		XA425	70		XA425	60		168	9		TXDV1B	23	TREADN	01	1	TDD	JN		33A		
01373		XA425	71		XA425	53		168	9		SPI006	19	TREOC I	01	1	TDD	MI		36A		
05165		XA425	72					168	9		TREQ3A	04	TREOCN	01	1	TDD	MN		34A		D01
05127		XA425	73		XA506	51		168	9		TREQRA	01	TREOC P	01	1	TDD	MP		36B		
08288		XA425	74							M	TREQCQ	01	TREQCQ	00	1	TDD	MQ		35B	READ REQUEST DELAY	
06709		XA425	75								TWRQ5A	04	TWRQC P	01	1	TDD	LP		37B		
06653		XA425	76		XA514	75		168	9		TWRQC P	02	TWRQC P	00	1	TDD	LP		37A		E01
01425		XA425	77								SPI007	36	TWRQC I	01	1	TDD	LI		38B		
08346		XA425	78							M	TWRQCQ	01	TWRQCQ	00	1	TDD	LQ		38A	WRITE REQUEST DELA	
06702		XA425	79		XA513	05		168	9		TWRQ4P	02	TWRQC N	01	1	TDD	LN		39B		D01
07444		XA425	80		XA426	74		168	9		TXRS2B	09	TWRQCQ	01	1	TDD	LQ		39A		
07285		XA426	01								TXHST0	02	TXHST0	00	1	TQ2	A2		02B		
00716		XA426	02								GND	01				TQ2			01A		
07533		XA426	03								TXR092T	04	TXE0B0	01	1	TQ2	A3		02A		
07528		XA426	04		XA427	10		168	9		TXR091T	02	TXHST0	01	1	TQ2	A2		04A		
01404		XA426	05		XA426	07		168	9		SPI007	15	TXHST0	01	2	TQ2	A2		03B		
07131		XA426	06		XA429	10		168	9		TXDVCO	01	TXDVCO	00	1	TQ2	A1		05A		
01405		XA426	07		XA426	13		168	9		SPI007	16	TXE0B0	01	2	TQ2	A3		03A		
07525		XA426	08		XA426	48		168	9		TXR090T	02	TXDVCO	01	1	TQ2	A1		06A		
07236		XA426	09		XA430	13		168	9		TXE0B0	01	TXE0B0	00	1	TQ2	A3		04B		
01403		XA426	10		XA426	05		168	9		SPI007	14	TXDVCO	01	2	TQ2	A1		07A		
07535		XA426	11		XA427	13		168	9		TXR093T	02	TTAS10	01	1	TQ2	A4		05B		
00103		XA426	12								+5V	01				TQ2					
01406		XA426	13		XA426	19		168	9		SPI007	17	TTAS10	01	2	TQ2	A4		06B		
05198		XA426	14		XA536	55		168	9		TREW20	02	TREW20	00	1	TQ2	B2		09A		
06062		XA426	15		XA432	17		168	9		TTAS10	01	TTAS10	00	1	TQ2	A4		07B		
00717		XA426	16								GND	01				TQ2			01B		
07547		XA426	17		XA418	50		168	9		TXR097T	02	TXSST0	01	1	TQ2	B3		08B		
07542		XA426	18		XA429	60		168	9		TXR095T	02	TREW20	01	1	TQ2	B2		10A		
01407		XA426	19		XA426	20		168	9		SPI007	18	TXSST0	01	2	TQ2	B3		09B		
01408		XA426	20		XA426	26		168	9		SPI007	19	TREW20	01	2	TQ2	B2		11A		
07659		XA426	21								TXSST0	02	TXSST0	00	1	TQ2	B3		10B		
07300		XA426	22		XA413	77		168	9		TXIRC0	02	TXIRC0	00	1	TQ2	B1		12A		
07550		XA426	23		XA426	50		168	9		TXR098T	02	TXOFRO	01	1	TQ2	B4		11B		
07539		XA426	24		XA429	55		168	9		TXR094T	02	TXIRC0	01	1	TQ2	B1		13A		
01410		XA426	25		XA426	31		168	9		SPI007	21	TXOFRO	01	2	TQ2	B4		12B		
01409		XA426	26		XA426	25		168	9		SPI007	20	TXIRC0	01	2	TQ2	B1		14A		
08017		XA426	27								TXOFRO	02	TXOFRO	00	1	TQ2	B4		13B		
00104		XA426	28								+5V	01				TQ2					
07327		XA426	29		XA426	49		168	9		TXRAF5T	02	TWRT30	01	1	TQ2	C3		14B		
05071		XA426	30								TRED20	02	TRED20	00	1	TQ2	C2		15A		
CONNECTOR	XA426	CONTINUED ON THE NEXT PAGE ***																			

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XA426

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CONNECTOR

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RECORD NUMBER	FROM				TO				WIRE				SPEC INST	SIGNAL	SEQ NO	EQUATION	TERM	FACTOR	CKT OR CHIP TYPE	GROUP	LOAD OP POWER PLANE	TEST POINTS		SIGNAL DESCRIPTION	ECO NO	
	PREFIX	CONNECTOR	PIN	WIRE	PREFIX	CONNECTOR	PIN	WIRE	MULTI GROUP	CODE	COLOR	IDENT										AND	OR			
01411		XA426	31			XA426	37			16B	9		SPI007	22	TWRT30	01	2	TQ2	C3		15B			D01		
00718		XA426	32										GND	01				TQ2				20B				
06718		XA426	33			XA425	54			16B	9		TWRT30	01	TWRT30	00	1	TQ2	C3		16B					
07324		XA426	34			XA427	33			16B	9		TXRAF4T	02	TRED20	01	1	TQ2	C2		16A					
07332		XA426	35			XA427	25			16B	9		TXRAF6T	01	TWRT20	01	1	TQ2	C4		17B					
01414		XA426	36			XA426	42			16B	9		SPI007	25	TRED20	01	2	TQ2	C2		17A					
01412		XA426	37			XA427	35			16B	9		SPI007	23	TWRT20	01	2	TQ2	C4		18B			D01		
05871		XA426	38										TSPA20	02	TSPA20	00	1	TQ2	C1		18A					
06717		XA426	39										TWRT20	02	TWRT20	00	1	TQ2	C4		19B					
07552		XA426	40			XA427	18			16B	9		TXR099T	01	TSPA20	01	1	TQ2	C1		19A					
07321		XA426	41			XA527	20			16B	9		TXRAF3T	02	TRED10	01	1	TQ2	D3		22B					
01415		XA426	42			XA427	49			16B	9		SPI007	26	TSPA20	01	2	TQ2	C1		20A					
07323		XA426	43			XA426	34			16B	9		TXRAF4T	01	TRED10	01	2	TQ2	D3		23B					
00719		XA426	44										GND	01				TQ2				21B				
05068		XA426	45			XA425	68			16B	9		TRED10	01	TRED10	00	1	TQ2	D3		24B					
05868		XA426	46			XA425	24			16B	9		TSPA10	01	TSPA10	00	1	TQ2	D2		21A					
07335		XA426	47			XA527	19			16B	9		TXRAF7T	02	TWRT10	01	1	TQ2	D4		25B					
07526		XA426	48										TXR090T	03	TSPA10	01	1	TQ2	D2		22A					
07328		XA426	49			XA428	55			16B	9		TXRAF5T	03	TWRT10	01	2	TQ2	D4		26B					
07551		XA426	50										TXR098T	03	TSPA10	01	2	TQ2	D2		23A					
06714		XA426	51			XA425	48			16B	9		TWRT10	01	TWRT10	00	1	TQ2	D4		27B					
04452		XA426	52			XA425	40			16B	9		THIS10	01	THIS10	00	1	TQ2	D1		24A					
07135		XA426	53										TXDVS R	02	TXDVSS	01	1	TQ2	E3		28B					
07531		XA426	54			XA427	14			16B	9		TXR092T	02	THIS10	01	1	TQ2	D1		25A					
07193		XA426	55										TXDVSA	02	TXDVSS	01	2	TQ2	E3		29B					
07318		XA426	56			XA427	27			16B	9		TXRAF2T	02	THIS10	01	2	TQ2	D1		26A					
07137		XA426	57			XA429	22			16B	9		TXDVSS	02	TXDVSS	00	1	TQ2	E3		30B		DEV COMMAND STOP			
00720		XA426	58										GND	01				TQ2				27A				
07115		XA426	59			XA429	21			16B	9		TXDEVR	01	TXDEVS	01	1	TQ2	E4		31B					
07121		XA426	60			XA429	08			16B	9		TXDEVO	01	TXDEVO	00	1	TQ2	E2		28A					
07140		XA426	61										TXDVOA	02	TXDEVS	01	2	TQ2	E4		32B					
07113		XA426	62			XA439	66			16B	9		TXDEVA	05	TXDEVO	01	1	TQ2	E2		29A					
07120		XA426	63			XA527	14			16B	9		TXDEVS	04	TXDEVS	00	1	TQ2	E4		33B		DEVICE COMMAND STOP 04			
01423		XA426	64			XA425	63			16B	9		SPI007	34	TXDEVO	01	2	TQ2	F2		30A					
04315		XA426	65			XA430	27			16B	9		TEB5RA	01	TEB4R0	01	1	TQ2	F3		34B					
07031		XA426	66										TXCA10	07	TXCA10	00	1	TQ2	F1		31A					
00721		XA426	67										GND	01				TQ2				40A				
07023		XA426	68			XA437	47			16B	9		TXCA1A	01	TXCA10	01	1	TQ2	F1		32A					
04299		XA426	69			XA439	62			16B	9		TEB4R0	06	TEB4R0	00	1	TQ2	F3		35A			D04		
01422		XA426	70			XA426	64			16B	9		SPI007	33	TXCA10	01	2	TQ2	E1		33A					
04320		XA426	71										TEB5S0	02	TEB5SA	01	1	TQ2	F2		36A					
04318		XA426	72										TEB5SA	02	TEB5SA	00	1	TQ2	F2		36A					
07167		XA426	73			XA425	70			16B	9		TXDV1B	22	TEB5SA	01	2	TQ2	F2		36B					
07445		XA426	74			XA425	65			16B	9		TXRS2B	10	TEB4R0	01	2	TQ2	F3		35B					
08015		XA426	75										TXOFRS	08	TXOFRS	00	1	TQ2	F1		37B		OFR COMMAND STORE			
07296		XA426	76										TXINHS	02	TXINHR	01	1	TQ2	F4		37A					
08006		XA426	77			XA430	19			16B	9		TXOFRR	01	TXOFRS	01	1	TQ2	F1		38B					
07297		XA426	78			XA430	74			16B	9		TXINOA	01	TXINHR	01	2	TQ2	F4		38A					
08023		XA426	79			XA429	09			16B	9		TXOROA	01	TXOFRS	01	2	TQ2	F1		39B					
07288		XA426	80			XA430	75			16B	9		TXINHR	01	TXINHR	00	1	TQ2	F4		39A					

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RECORD NUMBER	FROM			TO			WIRE				SIGNAL	SEQ NO	EQUATION	TERM	FACTOR	C/T OR CHIP TYPE	GROUP	LOAD OR POWER PLANE	TEST POINTS AND/OR	SIGNAL DESCRIPTION	ECO NO
	PREFIX	CONNECTOR	PIN	PREFIX	CONNECTOR	PIN	MULTI GROUP	CODE	COLOR	IDENT											
00300		XA427	01									DNW	01								
00722		XA427	02									GND	01								
07625		XA427	03		XA438	08		16B	9			TXR5CS	06	TXR092T	01	1	DBC	A3		02B	
07649		XA427	04		XA438	04		16B	9			TXR7CS	06	TXR090T	01	1	DBC	A1		02A	
07616		XA427	05									TXR4CS	09	TXR093T	01	1	DBC	A4		03B	
07635		XA427	06		XA427	22		16B	9			TXR6CS	04	TXR091T	01	1	DBC	A2		03A	
07541		XA427	07		XA426	18		16B	9			TXR095T	01	TXR095T	00	1	DBC	A6		04B	
07524		XA427	08		XA426	08		16B	9			TXR090T	01	TXR090T	00	1	DBC	A1		04A	DEV COMMAND DECODE
07545		XA427	09									TXR096T	02	TXR096T	00	1	DBC	A7		05B	
07529		XA427	10									TXR091T	03	TXR091T	00	1	DBC	A2		05A	
07546		XA427	11		XA426	17		16B	9			TXR097T	01	TXR097T	00	1	DBC	A8		06B	
00105		XA427	12									+5V	01							08A	
07536		XA427	13									TXR093T	03	TXR093T	00	1	DBC	A4		07A	
07532		XA427	14		XA426	03		16B	9			TXR092T	03	TXR092T	00	1	DBC	A3		06A	D04
07549		XA427	15		XA426	23		16B	9			TXR098T	01	TXR098T	00	1	DBC	A9		07B	
00723		XA427	16									GND	01							01B	
07538		XA427	17		XA426	24		16B	9			TXR094T	01	TXR094T	00	1	DBC	A5		08B	
07553		XA427	18									TXR099T	02	TXR099T	00	1	DBC	A0		09A	
07624		XA427	19		XA427	03		16B	9			TXR5CS	05	TXRAF2T	01	1	DBC	B3		09B	
07648		XA427	20		XA427	04		16B	9			TXR7CS	05	TXRAF0T	01	1	DBC	B1		10A	
07607		XA427	21									TXR4CR	04	TXRAF3T	01	1	DBC	B4		10B	
07636		XA427	22		XA529	24		16B	9			TXR6CS	05	TXRAF1T	01	1	DBC	B2		11A	
07326		XA427	23		XA426	29		16B	9			TXRAF5T	01	TXRAF5T	00	1	DBC	B6		11B	
08414		XA427	24								M	TXRAF0T	01	TXRAF0T	00	1	DBC	B1		12A	DEV COMMAND DECODE
07333		XA427	25									TXRAF6T	02	TXRAF6T	00	1	DBC	B7		12B	
08415		XA427	26								M	TXRAF1T	01	TXRAF1T	00	1	DBC	B2		13A	
07319		XA427	27									TXRAF2T	03	TXRAF2T	00	1	DBC	B3		14A	
00106		XA427	28									+5V	01							08A	
07334		XA427	29		XA426	47		16B	9			TXRAF7T	01	TXRAF7T	00	1	DBC	B8		13B	
07320		XA427	30		XA426	41		16B	9			TXRAF3T	01	TXRAF3T	00	1	DBC	B4		15A	
08416		XA427	31								M	TXRAF8T	01	TXRAF8T	00	1	DBC	B9		14B	
00724		XA427	32									GND	01							27A	
07325		XA427	33									TXRAF4T	03	TXRAF4T	00	1	DBC	B5		16A	
08417		XA427	34								M	TXRAF9T	01	TXRAF9T	00	1	DBC	B0		15B	
01413		XA427	35		XA426	36		16B	9			SPI007	24	TXS035U	01	1	DBC	C5		16B	
08420		XA427	36								M	TXS035U	01	TXS035U	00	1	DBC	C5		17A	
07656		XA427	37		XA432	33		16B	9			TXSK00	02	TXS032U	01	1	DBC	C2		17B	
07677		XA427	38									TXS031U	04	TXS031U	00	1	DBC	C1		18A	IOU INPUT DATA REG
07078		XA427	39									TXDB0TA	02	TXS031U	01	1	DBC	C1		18B	
01196		XA427	41									SPA	01	TXRAF4T	01	1	DBC	B5			
01197		XA427	41									SPA	01	TXR094T	01	1	DBC	A5			
07678		XA427	40		XA438	19		16B	9			TXS032U	01	TXS032U	00	1	DBC	C2		19A	
07079		XA427	41		XA424	61		16B	9			TXDB0TB	01	TXS031U	01	2	DBC	C1		19B	
07685		XA427	42									TXS033U	04	TXS033U	00	1	DBC	C3		20A	
07082		XA427	43									TXDB0TC	02	TXS031U	01	3	DBC	C1		22B	
00725		XA427	44									GND	01							40B	
07083		XA427	45		XA424	63		16B	9			TXDB0TD	01	TXS031U	01	4	DBC	C1		23B	
07689		XA427	46									TXS034U	04	TXS034U	00	1	DBC	C4		21A	
07264		XA427	47		XA424	30		16B	9			TXGN5A	03	TXS033U	01	1	DBC	C3		23A	
07282		XA427	48		XA441	51		16B	9			TXGN6A	10	TXS034U	01	1	DBC	C4		22A	
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RECORD NUMBER	FROM				TO				WIRE										LOAD OR POWER PLANE	TEST POINTS AND OR	SIGNAL DESCRIPTION	ECO NO.		
	PREFIX	CONNECTOR	PIN	PLATE	PREFIX	CONNECTOR	PIN	PLATE	MULTI GROUP	CODE	COLOR	IDENT	SPEC INST	SIGNAL	SEQ NO	EQUATION	TERM	FACTOR					CKT OR CHIP TYPE	GROUP
01416		XA427	49			XA427	66							SPI007	27	TXS475U	01	1	DBC	D5		24B		
01198		XA427	5T											SPA	01	TXRAF5T	01	1	DBC	B6				
01199		XA427	5T	1										SPA	01	TXR095T	01	1	DBC	A6				B01
07253		XA427	50			XA427	63							TXGN4A	03	TXS031U	01	5	DBC	C1		24A		
07655		XA427	51			XA427	37							TXSK00	01	TXS472U	01	1	DBC	D2		25B		
08421		XA427	52										M	TXS475U	01	TXS475U	00	1	DBC	D5		25A		
07093		XA427	53			XA421	55							TXDB4TA	01	TXS471U	01	1	DBC	D1		26B		
07693		XA427	54											TXS471U	04	TXS471U	00	1	DBC	D1		26A		TCU INPUT DATA REG
07096		XA427	55											TXDB4TB	02	TXS471U	01	2	DBC	D1		27B		
07697		XA427	56											TXS472U	04	TXS472U	00	1	DBC	D2		28B		
07097		XA427	57			XA421	60							TXDB4TC	01	TXS471U	01	3	DBC	D1		29B		
00726		XA427	58											GND	01				DBC					
07100		XA427	59											TXDB4TD	02	TXS471U	01	4	DBC	D1		30B		
01200		XA427	6T											SPA	01	TXRAF6T	01	1	DBC	B7				
01201		XA427	6T											SPA	01	TXR096T	01	1	DBC	A7				
07701		XA427	60											TXS473U	04	TXS473U	00	1	DBC	D3		28A		
07263		XA427	61			XA427	47							TXGN5A	02	TXS473U	01	1	DBC	D3		31B		
07705		XA427	62											TXS474U	04	TXS474U	00	1	DBC	D4		29A		
07254		XA427	63			XA434	71							TXGN4A	04	TXS471U	01	5	DBC	D1		31A		
07281		XA427	64			XA427	48							TXGN6A	09	TXS474U	01	1	DBC	D4		30A		
00301		XA427	65											DNW	01				DBC					
01417		XA427	66			XA426	70							SPI007	28				DBC	F5		32B		B02
00727		XA427	67											GND	01				DBC					
03384		XA427	68											SPO	01				DBC	F5		33A		
01421		XA427	69			XA442	52							SPI004	30C				DBC	E2		32A		B02
01202		XA427	7T											SPA	01	TXRAF7T	01	1	DBC	B8				
01203		XA427	7T											SPA	01	TXR097T	01	1	DBC	A8				
03385		XA427	70											SPO	01				DBC	E1		34A		
01420		XA427	71			XA442	37							SPI002	23C				DBC	E1		33B		B02
03386		XA427	72											SPO	01				DBC	E2		35A		
01372		XA427	73			XA425	71							SPI006	18				DBC	E1		34B		
03387		XA427	74											SPO	01				DBC	E3		36A		
01464		XA427	75			XA514	71							SPI009	04				DBC	E1		35B		E03
03388		XA427	76											SPO	01				DBC	F4		37A		
01281		XA427	77			XA526	05							SPI003	16				DBC	E1		36B		
01418		XA427	78											SPI010	36				DBC	F4		38A		B02
01419		XA427	79			XA442	48							SPI005	24C				DBC	E3		37B		B02
01204		XA427	8T											SPA	01	TXRAF8T	01	1	DBC	B9				
01205		XA427	8T											SPA	01	TXR098T	01	1	DBC	A9				
01452		XA427	80			XA424	47							SPI008	27				DBC	F1		38B		
01206		XA427	9T											SPA	01	TXR099T	01	1	DBC	A0				
01207		XA427	9T											SPA	01	TXRAF9T	01	1	DBC	B0				
07206		XA428	01			XA436	42							TXEB1A	01	TXEB1A	00	1	TQ2	A2		02B		
00728		XA428	02											GND	01				TQ2			01A		
07964		XA428	03											TXXR00	02	TXXRCA	01	1	TQ2	A3		02A		
07213		XA428	04											TXEB10	06	TXEB1A	01	1	TQ2	A2		04A		
07066		XA428	05			XA428	10							TXCP30	02	TXEB1A	01	2	TQ2	A2		03B		
07306		XA428	06			XA436	14							TXIR1A	01	TXIR1A	00	1	TQ2	A1		05A		
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	PREFIX	CONNECTOR	PIN	PREFIX	CONNECTOR	PIN	MULTI GROUP	CODE	COLOR	IDENT												
07966		XA428	07									TXXREP	02	TXXRCA	01	2	TQ2	A3		03A		
07309		XA428	08		XA434	43			16B	9		TXIRIQ	01	TXIR1A	01	1	TQ2	A1		06A		
07958		XA428	09									TXXRCA	02	TXXRCA	00	1	TQ2	A3		04B		
07067		XA428	10		XA439	79			16B	9		TXCP30	03	TXIR1A	01	2	TQ2	A1		07A		
05338		XA428	11		XA431	19			16B	9		TRTDEA	01	TXXDDO	01	1	TQ2	A4		05B		
00107		XA428	12									+5V	01				TQ2					
04767		XA428	13		XA516	60			16B	9		TLTEOA	01	TXXDDO	01	2	TQ2	A4		06B		
07654		XA428	14									TXSKOA	02	TXSKOA	00	1	TQ2	B2		09A		
07893		XA428	15		XA432	34			16B	9		TXXDDO	01	TXXDDO	00	1	TQ2	A4		07B		
00729		XA428	16									GND	01				TQ2			01B		
07871		XA428	17									TXXC2Q	04	TXXCSA	01	1	TQ2	B3		08B		
07870		XA428	18		XA428	17			16B	9		TXXC2Q	03	TXSKOA	01	1	TQ2	B2		10A		
07882		XA428	19		XA539	19			16B	9		TXXC4Q	01	TXXCSA	01	2	TQ2	B3		09B		
07875		XA428	20									TXXC3P	04	TXSKOA	01	2	TQ2	B2		11A		
07857		XA428	21		XA432	48			16B	9		TXXCSA	01	TXXCSA	00	1	TQ2	B3		10B	INPUT STROBE COUN	
07896		XA428	22		XA507	74			16B	9		TXXDIA	02	TXXDIA	00	1	TQ2	B1		12A		
07315		XA428	23		XA446	75			16B	9		TXPRSOX	01	TXPRSA	01	1	TQ2	B4		11B		
07910		XA428	24		XA430	51			16B	9		TXXDIS	01	TXXDIA	01	1	TQ2	B1		13A		
01392		XA428	25		XA418	26			16B	9		SPI007	03	TXPRSA	01	2	TQ2	B4		12B		
07199		XA428	26		XA431	18			16B	9		TXEAOO	02	TXXDIA	01	2	TQ2	B1		14A		
07312		XA428	27									TXPRSA	02	TXPRSA	00	1	TQ2	B4		13B		
00108		XA428	28									+5V	01				TQ2					
04270		XA428	29									TEB2R0	02	TEB2RA	01	1	TQ2	C3		14B		
04252		XA428	30		XA435	50			16B	9		TEB1RA	01	TEB1RA	00	1	TQ2	C2		15A		
01502		XA428	31		XA427	78			16B	9		SPI010	35	TEB2RA	01	2	TQ2	C3		15B	B02	
00730		XA428	32									GND	01				TQ2			20B		
04267		XA428	33		XA434	66			16B	9		TEB2RA	01	TEB2RA	00	1	TQ2	C3		16B		
04255		XA428	34									TEB1R0	02	TEB1RA	01	1	TQ2	C2		16A		
04285		XA428	35									TEB3R0	02	TEB3RA	01	1	TQ2	C4		17B		
01501		XA428	36		XA428	31			16B	9		SPI010	34	TEB1RA	01	2	TQ2	C2		17A		
01500		XA428	37		XA428	36			16B	9		SPI010	33	TEB3RA	01	2	TQ2	C4		18B		
04237		XA428	38		XA436	52			16B	9		TEBORA	01	TEBORA	00	1	TQ2	C1		18A		
04282		XA428	39		XA436	50			16B	9		TEB3RA	01	TEB3RA	00	1	TQ2	C4		19B		
04240		XA428	40									TEBOR0	02	TEBORA	01	1	TQ2	C1		19A		
04310		XA428	41		XA434	55			16B	9		TEB5B0	01	TEB590	01	1	TQ2	D3		22B		
01391		XA428	42		XA428	25			16B	9		SPI007	02	TEBORA	01	2	TQ2	C1		20A		
01499		XA428	43		XA428	37			16B	9		SPI010	32	TEB590	01	2	TQ2	D3		23B		
00731		XA428	44									GND	01				TQ2			21B		
04322		XA428	45									TEB590	02	TEB590	00	1	TQ2	D3		24B		
06598		XA428	46		XA429	49			16B	9		TWRIT0	04	TWRIT0	00	1	TQ2	D2		21A		
07848		XA428	47									TXXC10	02	TXXCIA	01	1	TQ2	D4		25B		
06583		XA428	48		XA425	45			16B	9		TWRITP	05	TWRIT0	01	1	TQ2	D2		22A		
01498		XA428	49		XA428	43			16B	9		SPI010	31	TXXCIA	01	2	TQ2	D4		26B		
01497		XA428	50		XA428	49			16B	9		SPI010	30	TWRIT0	01	2	TQ2	D2		23A		
07838		XA428	51		XA435	65			16B	9		TXXCIA	01	TXXCIA	00	1	TQ2	D4		27B		
04306		XA428	52									TLRC70	02	TLRC70	00	1	TQ2	D1		24A	E01	
07577		XA428	53		XA518	11			16B	9		TXR2CR	06	TEB4S0	01	1	TQ2	E3		28B		
04295		XA428	54									TLRC70	03	TLRC70	01	1	TQ2	D1		25A	E01	
07329		XA428	55		XA428	61			16B	9		TXRAF5T	04	TEB4S0	01	2	TQ2	E3		29B		
01496		XA428	56		XA428	50			16B	9		SPI010	29	TLRC70	01	2	TQ2	D1		26A	E01	
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	PREFIX	CONNECTOR	PIN	PREFIX	CONNECTOR	PIN	MULTI GROUP	CODE	COLOR													IDENT	
04303		XA428	57		XA432	41			16B	9		TEB4S0	01	TEB4S0	00	1	TQ2	E3		30B			
00732		XA428	58									GND	01				TQ2				27A		
07589		XA428	59		XA430	76			16B	9		TXR3CR	02	TEB5S0	01	1	TQ2	E4			31B		
03389		XA428	60		XA431	47			16B	9		TXDIRA	01	TXDIRA	00	1	TQ2	E2			28A		
07330		XA428	61		XA527	22			16B	9		TXRAF5T	05	TEB5S0	01	2	TQ2	E4				32B	
01371		XA428	62									TXXDIO	03	TXDIRA	01	1	TQ2	F2				29A	
04319		XA428	63		XA426	71			16B	9		TEB5S0	01	TEB5S0	00	1	TQ2	E4				33B	
01495		XA428	64		XA433	07			16B	9		TXXCSD	00	TXDIRA	01	2	TQ2	F2				30A	
07468		XA428	65		XA428	71			16B	9		TXRS00	01	TXRS9A	01	1	TQ2	F3				34B	
04225		XA428	66									TEBZRO	05	TEBZRO	00	1	TQ2	F1				31A	
00733		XA428	67									GND	01				TQ2					40A	
04218		XA428	68		XA527	11			16B	9		TEBZRO	01	TEBZRO	01	1	TQ2	E1				32A	
07488		XA428	69		XA428	72			16B	9		TXRS9A	03	TXRS2B	01	3	TQ2	F3				35A	
07496		XA428	69									TXRS9A	01	TXRS9A	00	1	TQ2	F3				35A	TXRS2B BUSS
01494		XA428	70		XA428	56			16B	9		SPIO10	27	TEBZRO	01	2	TQ2	E1				33A	
07469		XA428	71		XA428	77			16B	9		TXRS00	02	TXRS8A	01	1	TQ2	F2				36A	
07489		XA428	72		XA524	61			16B	9		TXRS8A	04	TXRS2B	01	2	TQ2	F2				34A	
07495		XA428	72									TXRS8A	01	TXRS8A	00	1	TQ2	F2				34A	TXRS2B BUSS
01490		XA428	73		XA428	79			16B	9		SPIO10	23	TXRS8A	01	2	TQ2	F2				36B	
01493		XA428	74		XA428	70			16B	9		SPIO10	26	TXRS9A	01	2	TQ2	F3				35B	
07487		XA428	75		XA428	69			16B	9		TXRS7A	02	TXRS2B	01	1	TQ2	F1				37B	
07494		XA428	75									TXRS7A	01	TXRS7A	00	1	TQ2	F1				37B	TXRS2B BUSS
07471		XA428	76		XA432	76			16B	9		TXRS00	04	TXRSA A	01	1	TQ2	F4				37A	
07470		XA428	77		XA428	76			16B	9		TXRS00	03	TXRS7A	01	1	TQ2	F1				38B	
01492		XA428	78		XA428	74			16B	9		SPIO10	25	TXRSAA	01	2	TQ2	F4				38A	
01491		XA428	79		XA428	78			16B	9		SPIO10	24	TXRS7A	01	2	TQ2	F1				39B	
07373		XA428	80									TXRSAA	01	TXRSA A	00	1	TQ2	F4				39A	TXRS2B BUSS
07486		XA428	80		XA428	75			16B	9		TXRSAA	01	TXRS2B	01	4	TQ2	F4				39A	
07025		XA429	01		XA430	01			16B	9		TXCA10	01	TXOR0A	01	1	TD4	A2				02B	
00734		XA429	02									GND	01				TD4					01A	
00302		XA429	03									DNW	01				TD4						
07109		XA429	04		XA430	03			16B	9		TXDEVA	01	TXOR0A	01	2	TD4	A2				04A	
08016		XA429	05		XA426	27			16B	9		TXOFRO	01	TXOR0A	01	3	TD4	A2				03B	
07027		XA429	06		XA430	09			16B	9		TXCA10	03	TXDV0A	01	1	TD4	A1				05A	
03487		XA429	07		XA429	13			16B	9		TBUSYA	01	TXOR0A	01	4	TD4	A2				03A	
07122		XA429	08		XA430	08			16B	9		TXDEVO	02	TXDV0A	01	2	TD4	A1				06A	
08024		XA429	09									TXOR0A	02	TXOR0A	00	1	TD4	A2				04B	
07132		XA429	10		XA430	10			16B	9		TXDVCO	02	TXDV0A	01	3	TD4	A1				07A	
07139		XA429	11		XA426	61			16B	9		TXDV0A	01	TXDV0A	00	1	TD4	A1				05B	
00109		XA429	12									+5V	01				TD4						
03488		XA429	13		XA523	30			16B	9		TBUSYA	02	TXDV0A	01	4	TD4	A1				06B	
07119		XA429	14		XA426	63			16B	9		TXDEVS	03	TXDEVR	01	1	TD4	B2				09A	
00303		XA429	15									DNW	01				TD4						
00735		XA429	16									GND	01				TD4					20B	
00304		XA429	17									DNW	01				TD4						
07779		XA429	18		XA429	24			16B	9		TXXB0A	04	TXDEVR	01	2	TD4	B2				10A	
07822		XA429	19		XA439	21			16B	9		TXXB3A	02	TXDEVR	01	3	TD4	B2				09B	
07402		XA429	20		XA429	26			16B	9		TXRS0B	28	TXDEVR	01	4	TD4	B2				11A	
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	PREFIX	CONNECTOR	PIN	USE	PREFIX	CONNECTOR	PIN	USE	MULTI GROUP	CODE	COLOR	IDENT									AND	OR		
07116		XA429	21		XA540	01				168	9		TXDEVR	02	TXDEVR	00	1	TD4	B2		10B		808	
07138		XA429	22										TXDVSS	03	TXDVSR	01	1	TD4	B1		12A			
07134		XA429	23		XA426	53				168	9		TXDVSR	01	TXDVSR	00	1	TD4	B1		11B			
07780		XA429	24										TXXB0A	05	TXDVSR	01	2	TD4	B1		13A			
07821		XA429	25		XA429	19				168	9		TXXB3A	01	TXDVSR	01	3	TD4	B1		12B			
07403		XA429	26		XA431	26				168	9		TXRS0B	29	TXDVSR	01	4	TD4	B1		14A			
00305		XA429	27										DNW	01				TD4						
00110		XA429	28										+5V	01				TD4						
00306		XA429	29										DNW	01				TD4						
06595		XA429	30		XA429	37				168	9		TWRITO	01	TXED1A	01	1	TD4	C2		15A			
07229		XA429	31		XA429	38				168	9		TXENAS	01	TXED1A	01	2	TD4	C2		15B			
00736		XA429	32										GND	01				TD4			21B			
07219		XA429	33										TXED1A	03	TXED1A	00	1	TD4	C2		16B	RECEIVE DATA STRC		
07816		XA429	34		XA430	40				168	9		TXXB20	02	TXED1A	01	3	TD4	C2		16A			
07216		XA429	35										TXED0A	03	TXED0A	00	1	TD4	C1		17B	RECEIVE DATA STRC		
07756		XA429	36		XA430	37				168	9		TXXA50	04	TXED1A	01	4	TD4	C2		17A			
06596		XA429	37		XA429	43				168	9		TWRITO	02	TXED0A	01	1	TD4	C1		18B			
07230		XA429	38		XA429	46				168	9		TXENAS	02	TXED0A	01	2	TD4	C1		18A			
00307		XA429	39										DNW	01				TD4						
07801		XA429	40		XA437	46				168	9		TXXB10	02	TXED0A	01	3	TD4	C1		19A			
00308		XA429	41										DNW	01				TD4						
07758		XA429	42		XA430	42				168	9		TXXA50	06	TXED0A	01	4	TD4	C1		20A			
06597		XA429	43		XA428	46				168	9		TWRITO	03	TXED3A	01	1	TD4	D2		23B			
00737		XA429	44										GND	01				TD4			27A			
07226		XA429	45										TXED3A	04	TXED3A	00	1	TD4	D2		24B	RECEIVE DATA STRC		
07231		XA429	46		XA429	52				168	9		TXENAS	03	TXED3A	01	2	TD4	D2		21A			
07222		XA429	47										TXED2A	03	TXED2A	00	1	TD4	D1		25B	RECEIVE DATA STRC		
07831		XA429	48		XA440	57				168	9		TXXB40	02	TXED3A	01	3	TD4	D2		22A			
06599		XA429	49		XA429	61				168	9		TWRITO	05	TXED2A	01	1	TD4	D1		26B			
07760		XA429	50		XA429	56				168	9		TXXA50	08	TXED3A	01	4	TD4	D2		23A			
00309		XA429	51										DNW	01				TD4						
07232		XA429	52		XA429	66				168	9		TXENAS	04	TXED2A	01	2	TD4	D1		24A			
00310		XA429	53										DNW	01				TD4						
07826		XA429	54		XA440	60				168	9		TXXB30	02	TXED2A	01	3	TD4	D1		25A			
07540		XA429	55										TXR094T	03	TREW30	01	1	TD4	E2		29B			
07761		XA429	56		XA430	56				168	9		TXXA50	09	TXED2A	01	4	TD4	D1		26A			
05214		XA429	57		XA439	53				168	9		TREW30	01	TREW30	00	1	TD4	E2		30B			
00738		XA429	58										GND	01				TD4			40A			
07127		XA429	59										TXDPEA	04	TXDPEA	00	1	TD4	E1		31B	RECEIVE DATA PART		
07543		XA429	60										TXR095T	03	TREW30	01	2	TD4	E2		28A			
06600		XA429	61		XA515	37				168	9		TWRITO	06	TXDPEA	01	1	TD4	F1		32B			
07530		XA429	62		XA426	54				168	9		TXR092T	01	TREW30	01	3	TD4	E2		29A			
00311		XA429	63										DNW	01				TD4						
07317		XA429	64		XA426	56				168	9		TXRAF2T	01	TREW30	01	4	TD4	E2		30A			
00312		XA429	65										DNW	01				TD4						
07233		XA429	66		XA432	52				168	9		TXENAS	05	TXDPEA	01	2	TD4	F1		31A			
00739		XA429	67										GND	01				TD4			40B			
07520		XA429	68		XA431	23				168	9		TXR09PR	01	TXDPEA	01	3	TD4	F1		32A			
07855		XA429	69		XA539	20				168	9		TXXCRO	07	TXXCRO	00	1	TD4	F2		35A			
07763		XA429	70										TXXA50	11	TXDPEA	01	4	TD4	F1		33A			
CONNECTOR		XA429	CONTINUED ON THE NEXT PAGE ****																					

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RECORD NUMBER	FROM				TO				WIRE			SFC INST MISC	SIGNAL	SEQ NO	EQUATION	TERM	FACTOR	CMT OR CHIP TYPE	GROUP	LOAD OR POWER PLANE	TEST POINTS AND/OR	SIGNAL DESCRIPTION	ECO NO
	PREFIX	CONNECTOR	PIN	WIRE NO	PREFIX	CONNECTOR	PIN	WIRE NO	MULTI GROUP	CODE	COLOR												
07840		XA429	71		XA431	66				16B	9		TXXCIP	01	TXXCRO	01	1	TD4	F2		36A		
07888		XA429	72		XA435	35				16B	9		TXDDP	03	TXXCRO	01	2	TD4	F2		34A		
07900		XA429	73		XA431	68				16B	9		TXXDIP	03	TXXCRO	01	3	TD4	F2		36B		
07919		XA429	74		XA431	13				16B	9		TXDSP	02	TXXCRO	01	4	TD4	F2		35B		
06013		XA429	75		XA523	05				16B	9		TSYN1A	01	TXXCIO	01	1	TD4	F1		37B		
07847		XA429	76		XA428	47				16B	9		TXXCIO	01	TXXCIO	00	1	TD4	F1		37A	INDICATOR INPUTS	
06058		XA429	77										TTASLA	02	TXXCIO	01	2	TD4	F1		38B		
07660		XA429	78		XA432	49				16B	9		TXSSOA	01	TXXCIO	01	3	TD4	F1		38A		
08001		XA429	79		XA523	26				16B	9		TXOD3A	03	TXXCIO	01	4	TD4	F1		39B		
00313		XA429	80										DNW	01				TD4					
07026		XA430	01		XA429	06				16B	9		TXCA10	02	TXIROA	01	1	TT3	A2		02B		
00740		XA430	02										GND	01				TT3			01B		
07110		XA430	03		XA430	11				16B	9		TXDEVA	02	TXIROA	01	2	TT3	A2		02A		
07192		XA430	04		XA426	55				16B	9		TXDV5A	01	TXDV5A	00	1	TT3	A1		04A		
07299		XA430	05		XA426	22				16B	9		TXIRC0	01	TXIROA	01	3	TT3	A2		03B		
07029		XA430	06		XA430	22				16B	9		TXCA10	05	TXDV5A	01	1	TT3	A1		05A		
07303		XA430	07										TXIROA	02	TXIROA	00	1	TT3	A2		03A		
07123		XA430	08										TXDEVO	03	TXDV5A	01	2	TT3	A1		06A		
07028		XA430	09		XA430	06				16B	9		TXCA10	04	TXEBOA	01	1	TT3	A3		04B		
07133		XA430	10										TXDVC0	03	TXDV5A	01	3	TT3	A1		07A		
07111		XA430	11		XA430	24				16B	9		TXDEVA	03	TXEBOA	01	2	TT3	A3		05B		
00111		XA430	12										+5V	01				TT3					
07237		XA430	13										TXEOB0	02	TXEBOA	01	3	TT3	A3		06B		
08009		XA430	14		XA431	21				16B	9		TXOFRS	02	TXOFRR	01	1	TT3	B2		09A		
07202		XA430	15		XA436	39				16B	9		TXEBOA	01	TXEBOA	00	1	TT3	A3		07B		
00741		XA430	16										GND	01				TT3			21B		
07778		XA430	17		XA429	18				16B	9		TXXB0A	03	TXOFRR	01	2	TT3	B2		08B		
07401		XA430	18		XA429	20				16B	9		TXRS0B	27	TXOFRR	01	3	TT3	B2		10A		
08007		XA430	19										TXOFRR	02	TXOFRR	00	1	TT3	B2		09B		
07287		XA430	20										TXHS0A	02	TXHS0A	00	1	TT3	B1		11A		
07118		XA430	21		XA429	14				16B	9		TXDEVS	02	TEB5RA	01	1	TT3	B3		10B		
07030		XA430	22		XA426	66				16B	9		TXCA10	06	TXHS0A	01	1	TT3	B1		12A		
07815		XA430	23							16B	9		TXXB1P	04	TEB5RA	01	2	TT3	B3		11B		004
07112		XA430	24		XA426	62				16B	9		TXDEVA	04	TXHS0A	01	2	TT3	B1		13A		
07748		XA430	25		XA438	59				16B	9		SPIO14	0M	TEB5RA	01	3	TT3	B3		12B		004
07284		XA430	26		XA426	01				16B	9		TXHS0A	01	TXHS0A	01	3	TT3	B1		14A		
04316		XA430	27										TEB5RA	02	TEB5RA	00	1	TT3	B3		13B		
00112		XA430	28										+5V	01				TT3					
08011		XA430	29		XA430	33				16B	9		TXOFRS	04	TXOD1A	01	1	TT3	C2		14B		
07825		XA430	30		XA429	54				16B	9		TXXB30	01	TXOD1A	01	2	TT3	C2		15A		
07993		XA430	31		XA520	31				16B	9		TXOD1A	01	TXOD1A	00	1	TT3	C2		15B	OFR RECEIVE DATA	
00742		XA430	32										GND	01				TT3			27A		
08012		XA430	33		XA430	38				16B	9		TXOFRS	05	TXOD2A	01	1	TT3	C3		16B		
07755		XA430	34		XA429	36				16B	9		TXXA50	03	TXOD1A	01	3	TT3	C2		16A		
07830		XA430	35		XA429	48				16B	9		TXXB40	01	TXOD2A	01	2	TT3	C3		17B		
07992		XA430	36										TXOD0A	03	TXOD0A	00	1	TT3	C1		17A	OFR RECEIVE DATA	
07757		XA430	37		XA429	42				16B	9		TXXA50	05	TXOD2A	01	3	TT3	C3		18B		
08013		XA430	38		XA430	52				16B	9		TXOFRS	06	TXOD0A	01	1	TT3	C1		18A		
CONNECTOR		XA430	CONTINUED ON THE NEXT PAGE ****																				

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	PREFIX	CONNECTOR	PIN	PREFIX	CONNECTOR	PIN	TYPE	MULTI GROUP	CODE	COLOR												
07998		XA430	39									TX0D2A	03	TX0D2A	00	1	TT3	C3	19B	0FR RECEIVE DATA		
07817		XA430	40		XA437	31			16B	9		TXXB20	03	TX0D0A	01	2	TT3	C1	19A			
06064		XA430	41		XA431	41			16B	9		TTAS10	03	UEBOCA	01	1	TT3	D2	22B		004	
07759		XA430	42		XA429	50			16B	9		TXXA50	07	TX0D0A	01	3	TT3	C1	20A			
04231		XA430	43								M	UEBOCA	02	UEBOCA	00	1	TT3	D2	23B		004	
00743		XA430	44									GND	01				TT3		40A			
07908		XA430	45		XA503	50			16B	9		TXXD1R	02	TXXDIS	01	1	TT3	D3	24B			
07500		XA430	46		XA536	71			16B	9		TXROCR	04	UEBOCA	01	2	TT3	D2	21A		004	
04461		XA430	47		XA418	68			16B	9		TINT2A	01	TXXDIS	01	2	TT3	D3	25B			
07160		XA430	48		XA430	62			16B	9		TXDV1B	15	UEBOCA	01	3	TT3	D2	22A		004	
04473		XA430	49		XA418	70			16B	9		TINT6A	01	TXXDIS	01	3	TT3	D3	26B			
08000		XA430	50		XA429	79			16B	9		TX0D3A	02	TX0D3A	00	1	TT3	D1	23A	0FR RECEIVE DATA		
07911		XA430	51		XA431	45			16B	9		TXXDIS	02	TXXDIS	00	1	TT3	D3	27B			
08014		XA430	52		XA426	75			16B	9		TXOFRS	07	TX0D3A	01	1	TT3	D1	24A			
06068		XA430	53		XA430	57			16B	9		TTAS10	07	UEB1CA	01	1	TT3	E2	28B		004	
07836		XA430	54		XA440	63			16B	9		TXXB50	01	TX0D3A	01	2	TT3	D1	25A			
04251		XA430	55								M	UEB1CA	02	UEB1CA	00	1	TT3	E2	29B		004	
07762		XA430	56		XA429	70			16B	9		TXXA50	10	TX0D3A	01	3	TT3	D1	26A			
06069		XA430	57		XA430	69			16B	9		TTAS10	08	UEB2CA	01	1	TT3	E3	30B		004	
00744		XA430	58									GND	01				TT3		40B			
07576		XA430	59		XA428	53			16B	9		TXR2CR	05	UEB2CA	01	2	TT3	E3	31B		004	
07558		XA430	60		XA536	74			16B	9		TXR1CR	05	UEB1CA	01	2	TT3	E2	28A		004	
07164		XA430	61		XA430	78			16B	9		TXDV1B	19	UEB2CA	01	3	TT3	E3	32B		004	
07161		XA430	62		XA431	61			16B	9		TXDV1B	16	UEB1CA	01	3	TT3	E2	29A		004	
04255		XA430	63								M	UEB2CA	01	UEB2CA	00	1	TT3	E3	33B		004	
07073		XA430	64									TXDBIA	02	TXDBIA	00	1	TT3	F1	30A			
07387		XA430	65		XA432	63			16B	9		TXRS0B	13	TXINOA	01	1	TT3	F2	34B			
07929		XA430	66		XA434	74			16B	9		TXXDS0	09	TXDBIA	01	1	TT3	F1	31A			
00745		XA430	67									GND	01				TT3					
07932		XA430	68									TXXDOP	02	TXDBIA	01	2	TT3	F1	32A			
06070		XA430	69		XA431	75			16B	9		TTAS10	09	UEB3CA	01	1	TT3	F3	35A		004	
07947		XA430	70		XA436	07			16B	9		TXXD1Q	11	TXDBIA	01	3	TT3	F1	33A			
07341		XA430	71		XA433	66			16B	9		TXRCMS	01	TXINOA	01	2	TT3	F2	36A			
08021		XA430	72		XA439	39			16B	9		TXONLO	04	TXINOA	01	3	TT3	F2	34A			
07295		XA430	73		XA426	76			16B	9		TXINH5	01	TXINH5	00	1	TT3	F1	36B	OFF LINE STORE F/		
07298		XA430	74									TXINOA	02	TXINOA	00	1	TT3	F2	35B			
07289		XA430	75		XA431	49			16B	9		TXINH1R	02	TXINH5	01	1	TT3	F1	37B			
07590		XA430	76		XA437	06			16B	9		TXR3CR	03	UEB3CA	01	2	TT3	F3	37A		004	
08020		XA430	77		XA430	72			16B	9		TXONLO	03	TXINH5	01	2	TT3	F1	38B			
07165		XA430	78		XA431	79			16B	9		TXDV1B	20	UEB3CA	01	3	TT3	F3	38A		004	
07386		XA430	79		XA430	65			16B	9		TXRS0B	12	TXINH5	01	3	TT3	F1	39B			
04281		XA430	80								M	UEB3CA	02	UEB3CA	00	1	TT3	F3	39A		004	
06946		XA431	01		XA443	36			16B	9		TXBCMOX	01	TXBRSA	01	1	TT3	A2	02B			
00746		XA431	02									GND	01				TT3		01B			
06950		XA431	03		XA443	31			16B	9		TXBENOX	01	TXBRSA	01	2	TT3	A2	02A			
06870		XA431	04									TXARSA	02	TXARSA	00	1	TT3	A1	04A	PORT A RESET		
06984		XA431	05		XA433	01			16B	9		TXBSLOX	01	TXBRSA	01	3	TT3	A2	03B			
06814		XA431	06		XA444	36			16B	9		TXACMOX	01	TXARSA	01	1	TT3	A1	05A			
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	PREFIX	CONNECTOR	PIN	IN FC	PREFIX	CONNECTOR	PIN	IN FC	MULTI GROUP	CODE	COLOR	IDENT												
06978		XA431	07											TXBRSA	02	TXBRSA	00	1	TT3	A2		03A	PORT B RESET	
06838		XA431	08		XA444	31				16B	9			TXAENOX	01	TXARSA	01	2	TT3	A7		06A		
07890		XA431	09											TXXDDP	05	TXXDRO	01	1	TT3	A3		04B		
06876		XA431	10		XA433	06				16B	9			TXASLOX	01	TXARSA	01	3	TT3	A1		07A		
07903		XA431	11		XA434	23				16B	9			TXXDIP	06	TXXDRO	01	2	TT3	A3		05B		A03
00113		XA431	12											+5V	01				TT3					
07920		XA431	13											TXXDSP	03	TXXDRO	01	3	TT3	A3		06B		
05064		XA431	14											TREADQ	05	TRTDEA	01	1	TT3	B2		09A		
07916		XA431	15		XA432	08				16B	9			TXXDRO	01	TXXDRO	00	1	TT3	A3		07B		
00747		XA431	16											GND	01				TT3			21B		
05116		XA431	17											TRENZS	05	TRTDEA	01	2	TT3	B2		08B		
07200		XA431	18		XA432	38				16B	9			TXFAQO	03	TRTDEA	01	3	TT3	B2		10A		
05339		XA431	19											TRTDEA	02	TRTDEA	00	1	TT3	B2		09B		
07770		XA431	20		XA432	03				16B	9			TXXBCCO	01	TXXBCCO	00	1	TT3	B1		11A		
08010		XA431	21		XA430	29				16B	9			TXOFRS	03	TXODEA	01	1	TT3	B3		10B		
07340		XA431	22											TXRCMR	04	TXXBCCO	01	1	TT3	B1		12A		
07521		XA431	23		XA432	04				16B	9			TXROPPR	02	TXODEA	01	2	TT3	B3		11B		
07348		XA431	24											TXRENK	04	TXXBCCO	01	2	TT3	B1		13A		
07754		XA431	25		XA430	34				16B	9			TXXA50	02	TXODEA	01	3	TT3	B3		12B		
07404		XA431	26		XA431	34				16B	9			TXRSQB	30	TXXBCCO	01	3	TT3	B1		14A		
07987		XA431	27											TXODEA	02	TXODEA	00	1	TT3	B3		13B	OFR RECEIVE DATA	
00114		XA431	28											+5V	01				TT3					
04236		XA431	29											TEBODA	05	TEB1R0	01	1	TT3	C2		14B		
04250		XA431	30		XA431	35				16B	9			SPIO13	0B	TEB1R0	01	2	TT3	C2		15A		D04
04254		XA431	31		XA428	34				16B	9			TEB1R0	01	TEB1R0	00	1	TT3	C2		15B		
00748		XA431	32											GND	01				TT3			27A		
04235		XA431	33		XA431	29				16B	9			TEBODA	04	TEB2R0	01	1	TT3	C3		16B		
07405		XA431	34		XA431	42				16B	9			TXRSQB	31	TEB1R0	01	3	TT3	C2		16A		
04266		XA431	35		XA431	40				16B	9			SPIO13	0D	TEB2R0	01	2	TT3	C3		17B		D04
04239		XA431	36		XA428	40				16B	9			TEBQR0	01	TEBQR0	00	1	TT3	C1		17A	EOB COUNTER BIT 0	
07407		XA431	37											TXRSQB	33	TEB2R0	01	3	TT3	C3		18B		
04234		XA431	38		XA431	33				16B	9			TEBODA	03	TEBQR0	01	1	TT3	C1		18A		
04269		XA431	39		XA428	29				16B	9			TEB2R0	01	TEB2R0	00	1	TT3	C3		19B		
04230		XA431	40		XA431	54				16B	9			SPIO13	0E	TEBQR0	01	2	TT3	C1		19A		D04
06065		XA431	41		XA431	57				16B	9			TTAS10	04	TEBOSA	01	1	TT3	D2		22B		
07406		XA431	42		XA431	37				16B	9			TXRSQB	32	TEBQR0	01	3	TT3	C1		20A		
04242		XA431	43											TEBOSA	02	TEBOSA	00	1	TT3	D2		23B	EOB COUNTER BIT 0	
00749		XA431	44											GND	01				TT3			40A		
07912		XA431	45											TXXDIS	03	TXXDIR	01	1	TT3	D3		24B		
07509		XA431	46		XA437	52				16B	9			TXRQCS	07	TEBOSA	01	2	TT3	D2		21A		
07902		XA431	47							16B	9			TXDIRA	02	TXXDIR	01	2	TT3	D3		25B		
07159		XA431	48		XA430	48				16B	9			TXDV1R	14	TEBOSA	01	3	TT3	D2		22A		
07290		XA431	49		XA433	24				16B	9			TXINHR	03	TXXDIR	01	3	TT3	D3		26B		
04284		XA431	50		XA428	35				16B	9			TEB3R0	01	TEB3R0	00	1	TT3	D1		23A		
07907		XA431	51		XA430	45				16B	9			TXXDIR	01	TXXDIR	00	1	TT3	D3		27B		
04233		XA431	52		XA431	38				16B	9			TEBQDA	02	TEB3R0	01	1	TT3	D1		24A		
06067		XA431	53		XA430	53				16B	9			TTAS10	06	TEB1SA	01	1	TT3	E2		28B		
04280		XA431	54		XA438	55				16B	9			SPIO13	0H	TEB3R0	01	2	TT3	D1		25A		D04
04256		XA431	55		XA435	41				16B	9			TEB1SA	01	TEB1SA	00	1	TT3	E2		29B		
07389		XA431	56		XA432	57				16B	9			TXRSQB	15	TEB3R0	01	3	TT3	D1		26A		
CONNECTOR		XA431	CONTINUED ON		THE NEXT PAGE		****																	

DRAWING NUMBER 149016-880

UNIT ASSEMBLY NO. 149016

REV. E

INDEX

XA431

UNIT ASSEMBLY NAME CARD CAGE ASSY, A, IFCU

CONNECTOR

FILE IDENT

T39C1FC6

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	WIRE	PREFIX	CONNECTOR	PIN	WIRE	MULTI GROUP	CODE	COLOR	IDENT											
06066		XA431	57		XA431	53				168	9		TTAS10	05	TEB2SA	01	1	TT3	E3		30B		
00750		XA431	58									GND	01					TT3			40B		
07584		XA431	59		XA438	07				168	9		TXR2CS	06	TEB2SA	01	2	TT3	E3		31B		
07567		XA431	60		XA438	05				168	9		TXR1CS	07	TEB1SA	01	2	TT3	E2		28A		
07162		XA431	61		XA431	62				168	9		TXDV1B	17	TEB2SA	01	3	TT3	E3		32B		
07163		XA431	62		XA430	61				168	9		TXDV1B	18	TEB1SA	01	3	TT3	E2		29A		
04271		XA431	63		XA434	63				168	9		TEB2SA	01	TEB2SA	00	1	TT3	E3		33B		
07076		XA431	64										TXDB10	03	TXDB10	00	1	TT3	E1		30A		
05931		XA431	65		XA408	62				168	9		TSTP1S	01	TSTP8A	01	1	TT3	F2		34B		
07841		XA431	66		XA435	69				168	9		TXXCIP	02	TXDB10	01	1	TT3	E1		31A		
00751		XA431	67										GND	01				TT3					
07901		XA431	68		XA431	11				168	9		TXXDIP	04	TXDB10	01	2	TT3	E1		32A		
05988		XA431	69										TSTR2S	04	TSTR2R	01	1	TT3	F3		35A		
07072		XA431	70		XA430	64				168	9		TXOB1A	01	TXDB10	01	3	TT3	E1		33A		
08060		XA431	71										TSTP90	02	TSTP8A	01	2	TT3	F2		36A		B02
05655		XA431	72		XA525	07				168	9		TSCL1B	02	TSTP8A	01	3	TT3	F2		34A		
04286		XA431	73		XA436	41				168	9		TEB3SA	01	TEB3SA	00	1	TT3	F1		36B		
05954		XA431	74		XA409	71				168	9		TSTP8A	01	TSTP8A	00	1	TT3	F2		35B		
06071		XA431	75		XA539	05				168	9		TTAS10	10	TEB3SA	01	1	TT3	F1		37B		
05953		XA431	76										TSTP6A	04	TSTR2R	01	2	TT3	E3		37A		
07598		XA431	77		XA530	18				168	9		TXR3CS	05	TEB3SA	01	2	TT3	F1		38B		
07385		XA431	78		XA430	79				168	9		TXRS0B	11	TSTR2R	01	3	TT3	F3		38A		
07166		XA431	79		XA426	73				168	9		TXDV1B	21	TEB3SA	01	3	TT3	F1		39B		
05983		XA431	80		XA409	38				168	9		TSTR2R	01	TSTR2R	00	1	TT3	F3		39A		
07519		XA432	01										TXROPA	05	TXROPA	00	1	TQ2	A2		02B		
00752		XA432	02										GND	01				TQ2			01A		
07771		XA432	03										TXXBC0	02	TXXBCA	01	1	TQ2	A3		02A		
07522		XA432	04		XA438	13				168	9		TXROPPR	03	TXROPA	01	1	TQ2	A2		04A		
01470		XA432	05		XA432	07				168	9		SPIO10	03	TXROPA	01	2	TQ2	A2		03B		
07915		XA432	06										TXXDRA	03	TXXDRA	00	1	TQ2	A1		05A		
01471		XA432	07		XA432	13				168	9		SPIO10	04	TXXBCA	01	2	TQ2	A3		03A		
07917		XA432	08										TXXDRO	02	TXXDRA	01	1	TQ2	A1		06A		
07769		XA432	09										TXXBCA	04	TXXBCA	00	1	TQ2	A3		04B		I/O BYTE COUNTER
01469		XA432	10		XA432	05				168	9		SPIO10	02	TXXDRA	01	2	TQ2	A1		07A		
07713		XA432	11		XA437	11				168	9		TXXACO	01	TXXACA	01	1	TQ2	A4		05B		
00115		XA432	12										+5V	01				TQ2					
01472		XA432	13		XA434	15				168	9		SPIO10	05	TXXACA	01	2	TQ2	A4		06B		
07989		XA432	14										TXODRA	02	TXODRA	00	1	TQ2	R2		09A		PER RESET STROBE
07706		XA432	15		XA433	42				168	9		TXXACA	01	TXXACA	00	1	TQ2	A4		07B		
00753		XA432	16										GND	01				TQ2			01B		
06063		XA432	17		XA430	41				168	9		TTAS10	02	TTASLA	01	1	TQ2	B3		08B		
08008		XA432	18		XA430	14				168	9		TXOFRS	01	TXODRA	01	1	TQ2	R2		10A		
07157		XA432	19		XA432	43				168	9		TXOV1B	12	TTASLA	01	2	TQ2	B3		09B		
07800		XA432	20		XA429	40				168	9		TXXB10	01	TXODRA	01	2	TQ2	B2		11A		
06057		XA432	21		XA429	77				168	9		TTASLA	01	TTASLA	00	1	TQ2	B3		10B		
07716		XA432	22										TXXADA	02	TXXADA	00	1	TQ2	R1		12A		I/O STATE COUNTER
01356		XA432	23		XA416	74				168	9		TLPT3Q	01	TLPT5A	01	1	TQ2	B4		11B		
07718		XA432	24										TXXA00	02	TXXADA	01	1	TQ2	R1		13A		
CONNECTOR		XA432	CONTINUED ON THE NEXT PAGE ***																				

RECORD NUMBER	FROM				TO				WIRE				SIGNAL	SEQ NO	EQUATION	TERM	FACTOR	CKT OR CHIP TYPE	GROUP	LOAD OR POWER PLANE	TEST POINTS AND OR	SIGNAL DESCRIPTION	ECO NO
	PREFIX	CONNECTOR	PIN	NO	PREFIX	CONNECTOR	PIN	NO	MULTI GROUP	CODE	COLOR	IDENT											
01476		XA432	25		XA522	50				16B	9		TXCP30	05	TLPT5A	01	2	TQ2	B4		12B		
01475		XA432	26		XA432	31				16B	9		SPIO10	08	TXX0DA	01	2	TQ2	B1		14A		
03390		XA432	27										TLPT5A	12	TLPT5A	00	1	TQ2	B4		13B		
00116		XA432	28										+5V	01				TQ2					
07653		XA432	29		XA428	14				16B	9		TXSK0A	01	TXSK00	01	1	TQ2	C3		14B		
07884		XA432	30		XA435	39				16B	9		TXXDDA	01	TXXDDA	00	1	TQ2	C2		15A		
01477		XA432	31		XA432	36				16B	9		SPIO10	10	TXSK00	01	2	TQ2	C3		15B		B02
00754		XA432	32										GND	01				TQ2			20B		
07657		XA432	33										TXSK00	03	TXSK00	00	1	TQ2	C3		16B	STATUS REG CLOCK	
07894		XA432	34										TXXDD0	02	TXXDDA	01	1	TQ2	C2		16A		
01357		XA432	35										TSTP9A	02	TSTP90	01	1	TQ2	C4		17B		B02
01479		XA432	36		XA432	42				16B	9		SPIO10	12	TXXDDA	01	2	TQ2	C2		17A		
01478		XA432	37		XA415	34				16B	9		TC51BQ	01	TSTP90	01	2	TQ2	C4		18B		E06
07201		XA432	38										TXEA00	04	TXEA00	00	1	TQ2	C1		18A		
03391		XA432	39		XA431	71				16B	9		TSTP90	01	TSTP90	00	1	TQ2	C4		19B		B02
07194		XA432	40		XA433	47				16B	9		TXEA0A	01	TXEA00	01	1	TQ2	C1		19A		
04304		XA432	41										TEB4S0	02	TEB4SA	01	1	TQ2	D3		22B		
01480		XA432	42		XA432	50				16B	9		SPIO10	13	TXEA00	01	2	TQ2	C1		20A		
07158		XA432	43		XA431	48				16B	9		TXOV1B	13	TEB4SA	01	2	TQ2	D3		23B		
00755		XA432	44										GND	01				TQ2			21B		
04301		XA432	45		XA435	63				16B	9		TEB4SA	01	TEB4SA	00	1	TQ2	D3		24B		
07861		XA432	46		XA506	43				16B	9		TXXC50	03	TXXC50	00	1	TQ2	D2		21A		
07286		XA432	47		XA430	20				16B	9		TXHS0A	01	TXST20	01	1	TQ2	D4		25B		
07858		XA432	48										TXXC5A	02	TXXC50	01	1	TQ2	D2		22A		
07661		XA432	49		XA437	59				16B	9		TXSS0A	02	TXST20	01	2	TQ2	D4		26B		
01481		XA432	50		XA432	55				16B	9		SPIO10	14	TXXC50	01	2	TQ2	D2		23A		
07672		XA432	51		XA439	71				16B	9		TXST20	01	TXST20	00	1	TQ2	D4		27B		
07234		XA432	52		XA433	43				16B	9		TXENAS	06	TXENAS	00	1	TQ2	D1		24A	ENABLE STORE F/F	
07478		XA432	53		XA437	23				16B	9		TXRS00	11	TXRS1A	01	1	TQ2	E3		28B		
07228		XA432	54										TXENAR	02	TXENAS	01	1	TQ2	D1		25A		
01482		XA432	55		XA432	61				16B	9		SPIO10	15	TXRS1A	01	2	TQ2	E3		29B		
07196		XA432	56		XA436	70				16B	9		TXEA0A	03	TXENAS	01	2	TQ2	D1		26A		
07390		XA432	57		XA432	60				16B	9		P TXRS1A	16	TXRS0B	01	2	TQ2	E3		30B		
07480		XA432	57									J	TXRS1A	01	TXRS1A	00	1	TQ2	E3		30B	TXRS0B BUSS	
00756		XA432	58										GND	01				TQ2			27A		
07477		XA432	59		XA432	53				16B	9		TXRS00	10	TXRS2A	01	1	TQ2	E4		31B		
07374		XA432	60									J	TXRS0A	01	TXRS0A	00	1	TQ2	E2		28A	TXRS0B BUSS	
07391		XA432	60		XA433	64				16B	9		P TXRS0A	17	TXRS0B	01	1	TQ2	E2		28A		
01483		XA432	61		XA432	64				16B	9		SPIO10	16	TXRS2A	01	2	TQ2	E4		32B		
07476		XA432	62		XA432	59				16B	9		TXRS00	09	TXRS0A	01	1	TQ2	E2		29A		
07388		XA432	63		XA431	56				16B	9		P TXRS2A	14	TXRS0B	01	3	TQ2	E4		33B		
07485		XA432	63									J	TXRS2A	01	TXRS2A	00	1	TQ2	E4		33B	TXRS0B BUSS	
01484		XA432	64		XA433	74				16B	9		SPIO10	17	TXRS0A	01	2	TQ2	E2		30A		
07475		XA432	65		XA432	62				16B	9		TXRS00	08	TXRS5A	01	1	TQ2	E3		34B		
07036		XA432	66										TXCMAS	03	TXCMAS	00	1	TQ2	E1		31A	ADDRESS STORE F/F	
00757		XA432	67										GND	01				TQ2			40A		
07032		XA432	68		XA433	57				16B	9		TXCMAR	01	TXCMAS	01	1	TQ2	E1		32A		
07483		XA432	69		XA432	72				16B	9		P TXRS5A	03	TXRS1B	01	3	TQ2	E3		35A		
07492		XA432	69									J	TXRS5A	01	TXRS5A	00	1	TQ2	F3		35A	TXRS1B BUSS	
07022		XA432	70										TXCA0A	02	TXCMAS	01	2	TQ2	E1		33A		
CONNECTOR		XA432	CONTINUED ON THE NEXT PAGE ***																				

RECORD NUMBER	FROM				TO				WIRE				SIGNAL	SEQ NO	EQUATION	TERM	FACTOR	CKT OR CHIP TYPE	GROUP	LOAD OR POWER PLANE	TEST POINTS AND/OR	SIGNAL DESCRIPTION	ECO NO
	PREFIX	CONNECTOR	PIN	WIRE	PREFIX	CONNECTOR	PIN	WIRE	CODE	COLOR	IDENT	GROUP											
07474		XA432	71		XA432	65		168	9			P	TXRS00	07	TXRS4A	01	1	TQ2	F2		36A		
07484		XA432	72		XA425	15		168	9			P	TXRS4A	04	TXRS1B	01	2	TQ2	F2		34A		
07491		XA432	72									J	TXRS4A	01	TXRS4A	00	1	TQ2	F2		34A	TXRS1B BUSS	
01489		XA432	73		XA428	73		168	9				SPI010	22	TXRS4A	01	2	TQ2	F2		36B		
01488		XA432	74		XA432	73		168	9				SPI010	21	TXRS5A	01	2	TQ2	F3		35B		
07482		XA432	75		XA432	69		168	9			P	TXRS3A	02	TXRS1B	01	1	TQ2	F1		37B		
07490		XA432	75									J	TXRS3A	01	TXRS3A	00	1	TQ2	F1		37B	TXRS1B BUSS	
07472		XA432	76		XA432	77		168	9				TXRS00	05	TXRS6A	01	1	TQ2	F4		37A		
07473		XA432	77		XA432	71		168	9				TXRS00	06	TXRS3A	01	1	TQ2	F1		38B		
01487		XA432	78		XA432	74		168	9				SPI010	20	TXRS6A	01	2	TQ2	F4		38A		
01486		XA432	79		XA432	78		168	9				SPI010	19	TXRS3A	01	2	TQ2	F1		39B		
07481		XA432	80		XA432	75		168	9			P	TXRS6A	01	TXRS1B	01	4	TQ2	F4		39A		
07493		XA432	80									J	TXRS6A	01	TXRS6A	00	1	TQ2	F4		39A	TXRS1B BUSS	
06985		XA433	01		XA433	14		168	9				TXBSLOX	02	TXBOEA	01	1	TD4	A2		02B		
00758		XA433	02										GND	01				TD4			01A		
00314		XA433	03										DNW	01				TD4					
07294		XA433	04										TXINHR	07	TXBOEA	01	2	TD4	A2		04A		
00261		XA433	05		XA433	10		168	9				DEVINH	17	TXBOEA	01	3	TD4	A2		03B		
06877		XA433	06		XA433	22		168	9				TXASLOX	02	TXAOEA	01	1	TD4	A1		05A		
07859		XA433	07		XA433	13		168	9				TXXC00	01	TXBOEA	01	4	TD4	A2		03A		
07293		XA433	08		XA433	04		168	9				TXINHR	06	TXAOEA	01	2	TD4	A1		06A		
06996		XA433	09		XA445	06		168	9				TXBOEA	01	TXBOEA	00	1	TD4	A2		04B	PORT B OUTPUT ENA	
00260		XA433	10		XA433	19		168	9				DEVINH	18	TXAOEA	01	3	TD4	A1		07A		
06892		XA433	11		XA446	06		168	9				TXAOEA	01	TXAOEA	00	1	TD4	A1		05B	PORT A OUTPUT ENA	
00117		XA433	12										+5V	01				TD4					
07860		XA433	13		XA432	46		168	9				TXXC00	02	TXAOEA	01	4	TD4	A1		06B		
06986		XA433	14		XA440	71		168	9				TXSSLOX	03	TXBR0A	01	1	TD4	B2		09A		
00315		XA433	15										DNW	01				TD4					
00759		XA433	16										GND	01				TD4			20B		
00316		XA433	17										DNW	01				TD4					
07292		XA433	18		XA433	08		168	9				TXINHR	05	TXBR0A	01	2	TD4	B2		10A		
00259		XA433	19		XA433	25		168	9				DEVINH	19	TXBR0A	01	3	TD4	B2		09B		
07972		XA433	20										TXXR0Q	04	TXBR0A	01	4	TD4	B2		11A		
06972		XA433	21		XA440	76		168	9				TXBR0A	01	TXBR0A	00	1	TD4	B2		10B		
06878		XA433	22		XA440	77		168	9				TXASLOX	03	TXAR0A	01	1	TD4	B1		12A		
06864		XA433	23		XA440	65		168	9				TXAR0A	01	TXAR0A	00	1	TD4	B1		11B		
07291		XA433	24		XA433	18		168	9				TXINHR	04	TXAR0A	01	2	TD4	B1		13A		
00258		XA433	25		XA437	22		168	9				DEVINH	20	TXAR0A	01	3	TD4	B1		12B		
07971		XA433	26		XA433	20		168	9				TXXR0Q	03	TXAR0A	01	4	TD4	B1		14A		
00317		XA433	27										DNW	01				TD4					
00118		XA433	28										+5V	01				TD4					
00318		XA433	29										DNW	01				TD4					
07784		XA433	30										TXXB0P	04	TXX05A	01	1	TD4	C2		15A		
07808		XA433	31		XA436	24		168	9				TXXB2P	02	TXX05A	01	2	TD4	C2		15B		
00760		XA433	32										GND	01				TD4			21B		
07981		XA433	33		XA439	29		168	9				TXX05A	01	TXX05A	00	1	TD4	C2		16B		
07722		XA433	34		XA434	11		168	9				TXXA0P	04	TXX05A	01	3	TD4	C2		16A		
07717		XA433	35		XA432	24		168	9				TXXAD0	01	TXXAD0	00	1	TD4	C1		17B		
CONNECTOR		XA433	CONTINUED ON THE NEXT PAGE ***																				

RECORD NUMBER	FROM			TO			WIRE				SPEC INST WIRE	SIGNAL	SEQ NO	EQUATION	TERM	FACTOR	CKT OR CHIP TYPE	GROUP	LOAD OP POWER PLANE	TEST POINTS		SIGNAL DESCRIPTION	ECO NO
	PREFIX	CONNECTOR	PIN	PREFIX	CONNECTOR	PIN	MULTI GROUP	CODE	COLOR	IDENT										AND	OR		
07733		XA433	36		XA435	13			16B	9		TXXA1Q	04	TXX05A	01	4	TD4	C2		17A			
07339		XA433	37		XA431	22			16B	9		TXRCMR	03	TXXADO	01	1	TD4	C1		18B			
07347		XA433	38		XA431	24			16B	9		TXREN	03	TXXADO	01	2	TD4	C1		18A			
00319		XA433	39									DNW	01				TD4						
07354		XA433	40									TXRPCR	03	TXXADO	01	3	TD4	C1		19A			
00320		XA433	41									DNW	01				TD4						
07707		XA433	42									TXXACA	02	TXXADO	01	4	TD4	C1		20A			
07235		XA433	43									TXENAS	07	TXENAR	01	1	TD4	D2		23B			
00761		XA433	44									GND	01				TD4			27A			
07227		XA433	45		XA432	54			16B	9		TXENAR	01	TXENAR	00	1	TD4	D2		24B			
07833		XA433	46		XA439	38			16B	9		TXB5A	01	TXENAR	01	2	TD4	D2		21A			
07195		XA433	47		XA432	56			16B	9		TXFA0A	02	TXFA0A	00	1	TD4	D1		25B			
07979		XA433	48		XA433	62			16B	9		TXX04A	02	TXENAR	01	3	TD4	D2		22A			
06828		XA433	49									TXADRO	03	TXEA0A	01	1	TD4	D1		26B			
07393		XA433	50		XA434	50			16B	9		TXRS0B	19	TXENAR	01	4	TD4	D2		23A			
00321		XA433	51									DNW	01				TD4						
07349		XA433	52		XA440	29			16B	9		TXRENS	01	TXEA0A	01	2	TD4	D1		24A			
00322		XA433	53									DNW	01				TD4						
07984		XA433	54		XA433	68			16B	9		TXX050	02	TXEA0A	01	3	TD4	D1		25A			
07035		XA433	55		XA432	66			16B	9		TXCMAS	02	TXCMAR	01	1	TD4	E2		29B			
07518		XA433	56		XA432	01			16B	9		TXROPA	04	TXEA0A	01	4	TD4	D1		26A			
07033		XA433	57									TXCMAR	02	TXCMAR	00	1	TD4	E2		30B			
00762		XA433	58									GND	01				TD4			40A			
07021		XA433	59		XA432	70			16B	9		TXCA0A	01	TXCA0A	00	1	TD4	E1		31B			
07804		XA433	60		XA440	68			16B	9		TXB2A	01	TXCMAR	01	2	TD4	E2		28A			
06827		XA433	61		XA433	49			16B	9		TXADRO	02	TXCA0A	01	1	TD4	E1		32B			
07980		XA433	62									TXX04A	03	TXCMAR	01	3	TD4	E2		29A			
00323		XA433	63									DNW	01				TD4						
07392		XA433	64		XA433	50			16B	9		TXRS0B	18	TXCMAR	01	4	TD4	E2		30A			
00324		XA433	65									DNW	01				TD4						
07342		XA433	66		XA440	34			16B	9		TXRCMS	02	TXCA0A	01	2	TD4	E1		31A			
00763		XA433	67									GND	01				TD4			40B			
07985		XA433	68									TXX050	03	TXCA0A	01	3	TD4	E1		32A			
03392		XA433	69		XA520	03			16B	9		T033MA	01	T033MA	00	1	TD4	E2		35A	MAIN COUNT 62MS	E03	
07517		XA433	70		XA433	56			16B	9		TXROPA	03	TXCA0A	01	4	TD4	E1		33A			
01280		XA433	71									TC42BP	04	T033MA	01	1	TD4	E2		36A		E03	
01431		XA433	72		XA519	08			16B	9		TC32BP	00	T033MA	01	2	TD4	F2		34A		E03	
01370		XA433	73									TC33BQ	04	T033MA	01	3	TD4	F2		36B		E03	
01485		XA433	74		XA432	79			16B	9		SP1010	18	T033MA	01	4	TD4	F2		35B		E03	
05850		XA433	75									TSNC2S	07	TSTP4A	01	1	TD4	E1		37B			
05948		XA433	76		XA410	70			16B	9		TSTP4A	01	TSTP4A	00	1	TD4	F1		37A			
03501		XA433	77									TRUSYS	07	TSTP4A	01	2	TD4	E1		38B			
04147		XA433	78									TDSC0A	03	TSTP4A	01	3	TD4	F1		38A			
05720		XA433	79		XA524	78			16B	9		TSCL3B	03	TSTP4A	01	4	TD4	E1		39B			
00325		XA433	80									DNW	01				TD4						
08076		XA434	01		XA435	01			16B	9		T16MH0	01	TXXA2N	01	1	TDD	BN		02B			
00764		XA434	02									GND	01				TDD			01B			
01361		XA434	03		XA434	17			16B	9		SPT006	07	TXXA2Q	01	1	TDD	BQ		02A			
CONNECTOR		XA434	CONTINUED ON THE NEXT PAGE ****																				

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	SPEC	PREFIX	CONNECTOR	PIN	SHLD	MULTI GROUP	CODE	COLOR	IDENT									IND	OR		
07709		XA434	04		XA435	04			168	9			TXXACP	02	TXXA2P	01	1	TDD	BP		04A			
07735		XA434	05		XA439	05			168	9			TXXA1Q	06	TXXA2I	01	1	TDD	BI		03B			
07708		XA434	06		XA434	04			168	9			TXXACP	01	TXXA0P	01	1	TDD	AP		05A			
07739		XA434	07										TXXA2Q	03	TXXA2Q	00	1	TDD	BQ		03A	I/O STATE COUNTER		
07741		XA434	08		XA435	09			168	9			TXXA3P	01	TXXA0I	01	1	TDD	AI		06A			
08423		XA434	09								M		TXXA2P	01	TXXA2P	00	1	TDD	BP		04B			
08078		XA434	10		XA435	10			168	9			T16MH0	03	TXXA0N	01	1	TDD	AN		07A			
07723		XA434	11		XA439	04			168	9			TXXA0P	05	TXXA0P	00	1	TDD	AP		05B			
00119		XA434	12										+5V	01				TDD						
07725		XA434	13		XA435	08			168	9			TXXA0Q	01	TXXA0Q	00	1	TDD	AQ		06B	I/O STATE COUNTER		
08086		XA434	14		XA435	14			168	9			T16M10	04	TXXC2N	01	1	TDD	DN		09A			
01473		XA434	15		XA434	29			168	9			SPI010	06	TXXA0Q	01	1	TDD	AQ		07B		A03	
00765		XA434	16										GND	01				TDD			20B			
01362		XA434	17		XA435	17			168	9			SPI006	08	TXXC2Q	01	1	TDD	DQ		08B			
07867		XA434	18										TXXC1Q	02	TXXC2I	01	1	TDD	DI		10A			
07869		XA434	19		XA428	18			168	9			TXXC2Q	02	TXXC2Q	00	1	TDD	DQ		09B	INPUT STROBE COUN		
07852		XA434	20		XA434	36			168	9			TXXCRO	04	TXXC2P	01	1	TDD	DP		11A		A03	
08426		XA434	21								M		TXXC2P	01	TXXC2P	00	1	TDD	DP		10B			
07853		XA434	22		XA430	18			168	9			TXRS0B	26	TXXDIP	01	1	TDD	CP		12A		A03	
08424		XA434	23										TXXDIP	07	TXXDIP	00	1	TDD	CP		11B		A03	
07879		XA434	24		XA441	46			168	9			TXGN4A	09	TXXDII	01	1	TDD	CI		13A		A03	
07864		XA434	25		XA428	62			168	9			TXXDIQ	02	TXXDIQ	00	1	TDD	CO		12B	INPUT STROBE COUN	A03	
08085		XA434	26										TXXDIP	05	TXXDIN	01	1	TDD	CN		14A		A03	
01474		XA434	27		XA428	22			168	9			TXXDIA	01	TXXDIQ	01	1	TDD	CO		13B		A03	
00120		XA434	28										+5V	01				TDD						
01463		XA434	29		XA432	26			168	9			SPI010	07	TXXC0Q	01	1	TDD	FQ		14B		A03	
01279		XA434	30		XA434	14			168	9			T16M10	03	TXXC0N	01	1	TDD	FN		15A		A03	
03393		XA434	31		XA435	24			168	9			TXXC0Q	01	TXXC0Q	00	1	TDD	FQ		15B		A03	
00766		XA434	32										GND	01				TDD			21B			
03394		XA434	33								M		TXXCOP	01	TXXCOP	00	1	TDD	EP		16B		A03	
01359		XA434	34		XA435	72			168	9			TXXC4P	02	TXXC0I	01	1	TDD	FI		16A		A03	
07931		XA434	35		XA430	68			168	9			TXXDOP	01	TXXDOP	00	1	TDD	EP		17B			
01427		XA434	36		XA434	38			168	9			TXXCRO	05	TXXCOP	01	1	TDD	FP		17A		A03	
07934		XA434	37						168	9			TXXDQQ	12	TXXDQQ	00	1	TDD	EQ		18B	INPUT BYTE COUNTER		
07854		XA434	38		XA429	69			168	9			TXXCRO	06	TXXDOP	01	1	TDD	EP		18A			
01537		XA434	39		XA436	53			168	9			SPI011	35	TXXDQQ	01	1	TDD	EQ		19B			
07944		XA434	40		XA435	42			168	9			TXXDIP	02	TXXDIP	01	1	TDD	EI		19A			
01358		XA434	41		XA436	08			168	9			SPI006	04	TXIR1Q	01	1	TDD	HQ		22B		A01	
07874		XA434	42		XA428	20			168	9			TXXC3P	03	TXXDON	01	1	TDD	EN		20A			
07310		XA434	43										TXIR1Q	02	TXIR1Q	00	1	TDD	HQ		23B	ITR SYNC COUNTER		
00767		XA434	44										GND	01				TDD			27A			
08413		XA434	45								M		TXIR1P	01	TXIR1P	00	1	TDD	HP		24B			
07047		XA434	46		XA435	56			168	9			TXCP10	01	TXIR1N	01	1	TDD	HN		21A			
07807		XA434	47		XA433	31			168	9			TXXB2P	01	TXXB2P	00	1	TDD	GP		25B			
07304		XA434	48		XA436	19			168	9			TXIROQ	01	TXIR1I	01	1	TDD	HI		22A			
07814		XA434	49										TXXB2Q	03	TXXB2Q	00	1	TDD	GO		26B	I/O BYTE COUNTER		
07394		XA434	50		XA435	52			168	9			TXRS0B	20	TXIR1P	01	1	TDD	HP		23A			
01536		XA434	51		XA434	39			168	9			SPI011	34	TXXB2P	01	1	TDD	GO		27B			
07766		XA434	52		XA435	36			168	9			TXXB2P	01	TXXB2P	01	1	TDD	GP		24A			
04317		XA434	53		XA426	72			168	9			TEB5SA	01	TEB5BQ	01	1	TDD	KQ		28B			
CONNECTOR	XA434	CONTINUED ON THE NEXT PAGE ****																						

RECORD NUMBER	FROM				TO				WIRE				SIGNAL	SE 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										
07796		XA434	54			XA435	31						TXXB1Q	01	TXXB2I	01 1	TDD	GI	25A			
04311		XA434	55			XA435	70						TEB5BQ	02	TEB5BQ	00 1	TDD	KQ	29B			
07774		XA434	56			XA406	63						TXXBK0	03	TXXB2N	01 1	TDD	GN	26A		EOB_COUNTER BIT 5	
04309		XA434	57										TEB5BP	03	TEB5BP	00 1	TDD	KP	30B			
00768		XA434	58										GND	01			TDD		40A			
04261		XA434	59										TEB2BP	02	TEB2BP	00 1	TDD	JP	31B			
04314		XA434	60										TEB5KA	02	TEB58N	01 1	TDD	KN	28A			
04263		XA434	61			XA540	14						TEB2BQ	02	TEB2BQ	00 1	TDD	JQ	32B			
04321		XA434	62			XA428	45						TEB590	01	TEB58I	01 1	TDD	KI	29A			
04272		XA434	63										TEB2SA	02	TEB28Q	01 1	TDD	JQ	33B			
04298		XA434	64										TEB4RA	03	TEB58P	01 1	TDD	KP	30A			
07308		XA434	65										TXIR1A	03	TXXDSQ	01 1	TDD	MQ	34B			
04268		XA434	66										TEB2RA	02	TEB2BP	01 1	TDD	JP	31A			
00769		XA434	67										GND	01			TDD		40B			
04274		XA434	68										TEB29ER	02	TEB2BI	01 1	TDD	JI	32A			
07918		XA434	69			XA429	74						TXXDSP	01	TXXDSP	00 1	TDD	MP	35A			
04278		XA434	70			XA436	43						TEB3BQ	02	TEB2BN	01 1	TDD	JN	33A			
07255		XA434	71			XA435	71						TXGN4A	05	TXXDSI	01 1	TDD	MI	36A			
07943		XA434	72			XA434	40						TXXD1P	01	TXXDSN	01 1	TDD	MN	34A			
07384		XA434	73			XA431	78						TXRS0B	10	TXXDSP	01 1	TDD	MP	36B			
07930		XA434	74										TXXDSQ	10	TXXDSQ	00 1	TDD	MQ	35B		INPUT STATUS CONT	
07959		XA434	75			XA435	64						TXXRCQ	01	TXXR2P	01 1	TDD	LP	37B			
07976		XA434	76			XA539	10						TXXR2P	02	TXXR2P	00 1	TDD	LP	37A			
07973		XA434	77			XA436	55						TXXR1Q	01	TXXR2I	01 1	TDD	LJ	38B			
08430		XA434	78										TXXR2Q	01	TXXR2Q	00 1	TDD	LQ	38A		REQUEST STORE CO	
08082		XA434	79										T16MHO	07	TXXR2N	01 1	TDD	LN	39B			
01533		XA434	80			XA435	53						SPIO11	31	TXXR2Q	01 1	TDD	LO	39A			
08077		XA435	01			XA434	10						T16MHO	02	TXXA3N	01 1	TDD	BN	02B			
00770		XA435	02										GND	01			TDD		01B			
01360		XA435	03			XA434	03						SPIO06	06	TXXA3Q	01 1	TDD	BQ	02A			
07710		XA435	04			XA435	06						TXXACP	03	TXXA3P	01 1	TDD	BP	04A			
07738		XA435	05			XA434	07						TXXA2Q	02	TXXA3I	01 1	TDD	BI	03B			
07711		XA435	06			XA436	69						TXXACP	04	TXXA1P	01 1	TDD	AP	05A			
07745		XA435	07			XA406	59						TXXA3Q	02	TXXA3Q	00 1	TDD	BQ	03A		I/O STATE COUNTER	
07726		XA435	08			XA439	08						TXXA0Q	02	TXXA1I	01 1	TDD	AI	06A			
07742		XA435	09			XA436	72						TXXA3P	02	TXXA3P	00 1	TDD	BP	04B			
08079		XA435	10			XA435	60						T16MHO	04	TXXA1N	01 1	TDD	AN	07A			
07729		XA435	11										TXXA1P	02	TXXA1P	00 1	TDD	AP	05B			
00121		XA435	12										+5V	01			TDD					
07734		XA435	13			XA434	05						TXXA1Q	05	TXXA1Q	00 1	TDD	AQ	06B		I/O STATE COUNTER	
08087		XA435	14			XA420	54						T16MHO	05	TXXC3N	01 1	TDD	DN	09A			
01504		XA435	15			XA435	27						SPIO11	02	TXXA1Q	01 1	TDD	AQ	07B			
00771		XA435	16										GND	01			TDD		20B			
01363		XA435	17			XA437	25						SPIO06	09	TXXC3Q	01 1	TDD	DQ	08B			
07868		XA435	18			XA434	19						TXXC2Q	01	TXXC3I	01 1	TDD	DI	10A			
07877		XA435	19										TXXC3Q	02	TXXC3Q	00 1	TDD	DQ	09B		INPUT STROBE COUN	
07851		XA435	20			XA434	20						TXXCRO	03	TXXC3P	01 1	TDD	DP	11A			
07873		XA435	21			XA434	42						TXXC3P	02	TXXC3P	00 1	TDD	DP	10B			
CONNECTOR		XA435	CONTINUED ON THE NEXT PAGE ****																			

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	FCO NO		
	PREFIX	CONNECTOR	PIN	WIRE	PREFIX	CONNECTOR	PIN	WIRE	SH FT	MULTI GROUP	CODE	COLOR												IDEN.	SPEC. WIRE
07850		XA435	22			XA435	20				16B	9			TXXCRO	02	TXXC1P	01	1	TDD	CP	12A			
08425		XA435	23												TXXC1P	01	TXXC1P	00	1	TDD	CP	11B			
07865		XA435	24												TXXC0Q	02	TXXC1I	01	1	TDD	CI	13A			
07866		XA435	25			XA434	18				16B	9			TXXC1Q	01	TXXC1Q	00	1	TDD	CQ	12B	INPUT STROBE COUN		
08084		XA435	26			XA434	30				16B	9			T16MIO	02	TXXC1N	01	1	TDD	CN	14A		A03	
01505		XA435	27			XA435	29				16B	9			SPI011	03	TXXC1Q	01	1	TDD	CQ	13B			
00122		XA435	28												+5V	01				TDD					
01506		XA435	29			XA436	29				16B	9			SPI011	04	TXXB1Q	01	1	TDD	FQ	14B			
07773		XA435	30			XA434	56				16B	9			TXXBKO	02	TXXB1N	01	1	TDD	FN	15A			
07797		XA435	31			XA439	25				16B	9			TXXB1Q	02	TXXB1Q	00	1	TDD	FQ	15B	I/O BYTE COUNTER		
00772		XA435	32												GND	01				TDD		21B			
07795		XA435	33			XA430	23				16B	9			TXXB1P	03	TXXB1P	00	1	TDD	FP	16B		004	
07785		XA435	34			XA436	25				16B	9			TXXB0Q	01	TXXB1I	01	1	TDD	FI	16A			
07889		XA435	35			XA431	09				16B	9			TXXDDP	04	TXXDDP	00	1	TDD	EP	17B			
07767		XA435	36			XA436	22				16B	9			TXXBCA	02	TXXB1P	01	1	TDD	FP	17A			
07892		XA435	37												TXXDDQ	02	TXXDDQ	00	1	TDD	EQ	18B	INPUT DATA CONTR		
07396		XA435	38			XA436	38				16B	9			TXRSOB	22	TXXDDP	01	1	TDD	EP	18A			
07885		XA435	39												TXXDDA	02	TXXDDQ	01	1	TDD	EQ	19B			
07258		XA435	40			XA434	24				16B	9			TXGN4A	08	TXXDDI	01	1	TDD	EI	19A		A03	
04257		XA435	41												TEB1SA	02	TEB1BQ	01	1	TDD	HQ	22B			
07945		XA435	42			XA436	09				16B	9			TXXD1P	03	TXXDDN	01	1	TDD	EN	20A			
04249		XA435	43												TEB1BQ	03	TEB1BQ	00	1	TDD	HQ	23B			
00773		XA435	44												GND	01				TDD		27A			
04246		XA435	45												TEB1BP	02	TEB1BP	00	1	TDD	HP	24B			
04262		XA435	46			XA434	61				16B	9			TEB2BQ	01	TEB1BN	01	1	TDD	HN	21A			
08410		XA435	47												TXEB1P	01	TXEB1P	00	1	TDD	GP	25B			
04259		XA435	48												TEB19ER	02	TEB1BI	01	1	TDD	HI	22A			
07212		XA435	49			XA428	04				16B	9			TXEB1Q	05	TXEB1Q	00	1	TDD	GQ	26B	FOB SYNC COUNTER		
04253		XA435	50												TEB1RA	02	TEB1BP	01	1	TDD	HP	23A			
01535		XA435	51			XA434	51				16B	9			SPI011	33	TXEB1Q	01	1	TDD	GQ	27B			
07395		XA435	52			XA435	38				16B	9			TXRSOB	21	TXEB1P	01	1	TDD	GP	24A			
01534		XA435	53			XA435	51				16B	9			SPI011	32	TXXR0Q	01	1	TDD	KQ	28B			
07204		XA435	54			XA436	37				16B	9			TXEB0Q	01	TXEB1I	01	1	TDD	GI	25A			
07970		XA435	55			XA433	26				16B	9			TXXR0Q	02	TXXR0Q	00	1	TDD	KQ	29B	REQUEST STROBE C		
07048		XA435	56			XA435	79				16B	9			TXCP10	02	TXEB1N	01	1	TDD	GN	26A			
07967		XA435	57			XA436	63				16B	9			TXXRQP	01	TXXROP	00	1	TDD	KP	30B			
00774		XA435	58												GND	01				TDD		40A			
04292		XA435	59												TEB4BP	03	TEB4BP	00	1	TDD	JP	31B			
08080		XA435	60			XA436	60				16B	9			T16MHO	05	TXXRON	01	1	TDD	KN	28A			
04294		XA435	61			XA540	03				16B	9			TEB4BQ	02	TEB4BQ	00	1	TDD	JO	32B		808	
07975		XA435	62			XA434	76				16B	9			TXXR2P	01	TXXR0I	01	1	TDD	KI	29A			
04302		XA435	63												TEB4SA	02	TEB4BQ	01	1	TDD	JO	33B			
07960		XA435	64			XA436	64				16B	9			TXXRCQ	02	TXXROP	01	1	TDD	KP	30A			
07839		XA435	65												TXXCIA	02	TXXC1Q	01	1	TDD	MO	34B			
04297		XA435	66			XA434	64				16B	9			TEB4RA	02	TEB4BP	01	1	TDD	JP	31A			
00775		XA435	67												GND	01				TDD		40B			
04305		XA435	68												TEB49ER	02	TEB4BI	01	1	TDD	JT	32A		808	
07842		XA435	69												TXXCIP	03	TXXCIP	00	1	TDD	MP	35A			
04312		XA435	70												TEB5BQ	03	TEB4BN	01	1	TDD	JN	33A			
07256		XA435	71			XA436	68				16B	9			TXGN4A	06	TXXC1I	01	1	TDD	MT	36A			
CONNECTOR		XA435	CONTINUED ON THE NEXT PAGE ****																						

H78-14 1767

DATA SYSTEMS DIVISION
LITTON SYSTEMS INC.
LITTON INDUSTRIES

DRAWING NUMBER 149016-880

CONNECTOR UNIT ASSEMBLY NO. 149016

REV. E

INDEX

XA435

UNIT ASSEMBLY NAME CARD CAGE ASSY, A, IFCU
UNIT ASSEMBLY NAME CARD CAGE ASSY, A, IFCU

FILE IDENT T39C1FC6
T39C1FC6

DATE 09-03-82
09-03-82

PAGE 323

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RECORD NUMBER	FROM				TO				WIRE			SPEC. INST. MARK	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
07880		XA435	72		XA439	21				168	9		TXXC4P	03	TXXCIN	01	1	TDD	MN		34A				
07383		XA435	73		XA434	73				168	9		TXRSOB	09	TXXCIP	01	1	TDD	MP		36B				
07844		XA435	74		XA424	52				168	9		TXXC1Q	02	TXXC1Q	00	1	TDD	MQ		35B	DEV/OFR INDICATOR			
01532		XA435	75		XA434	80				168	9		SPI011	30	TXST1P	01	1	TDD	LP		37B				
08419		XA435	76									M	TXST1P	01	TXST1P	00	1	TDD	LP		37A				
07663		XA435	77		XA436	78				168	9		TXST0Q	01	TXST1I	01	1	TDD	LI		38B				
07669		XA435	78										TXST1Q	02	TXST1Q	00	1	TDD	LQ		38A	STOP SYNC COUNTER			
07049		XA435	79		XA416	72				168	9		IXCP1Q	03	TXST1N	01	1	TDD	LN		39B				
01368		XA435	80		XA436	71				168	9		SPI006	14	TXST1Q	01	1	TDD	LQ		39A				
07872		XA436	01		XA435	21				168	9		IXXC3P	01	TXXD1N	01	1	TDD	BN		02B				
00776		XA436	02										GND	01				TDD			01B				
01503		XA436	03		XA434	27				168	9		TXXD1A	005	TXXD1Q	01	1	TDD	BQ		02A			A03	
07849		XA436	04		XA435	22				168	9		TXXCRO	01	TXXD1P	01	1	TDD	BP		04A				
07933		XA436	05		XA434	37				168	9		TXXD0Q	10	TXXD1I	01	1	TDD	BT		03B				
07400		XA436	06		XA442	41				168	9		SPI008	02		01	1	TDD	AP		05A			A01	
07956		XA436	07										TXXD1Q	12	TXXD1Q	00	1	TDD	BQ		03A	INPUT BYTE COUNTER			
07259		XA436	08		XA435	03				168	9		SPI006	05		01	1	TDD	AI		06A			A01	
07946		XA436	09		XA434	26				168	9		TXXD1P	04	TXXD1P	00	1	TDD	BP		04B			A03	
07878		XA436	10		XA427	77				168	9		SPI003	14		01	1	TDD	AN		07A			A01	
07904		XA436	11										SPO	01		00	1	TDD	AP		05B			A01	
00123		XA436	12										+5V	01				TDD							
07906		XA436	13										SPO	01		00	1	TDD	AQ		06B	INPUT INTERRUPT		CA01	
07307		XA436	14		XA434	65				168	9		TXIR1A	02	TXIRON	01	1	TDD	DN		09A				
07895		XA436	15		XA427	75				168	9		SPI009	03		01	1	TDD	AQ		07B				A01
00777		XA436	16										GND	01				TDD			20B				
07302		XA436	17		XA430	07				168	9		TXIROA	01	TXIROQ	01	1	TDD	DQ		08B				
07242		XA436	18		XA436	40				168	9		TXGN1A	05	TXIROI	01	1	TDD	DI		10A				
07305		XA436	19										TXIROQ	02	TXIROQ	00	1	TDD	DQ		09B	ITR SYNC COUNTER			
07399		XA436	20		XA434	22				168	9		TXRSOB	25	TXIROP	01	1	TDD	DP		11A			A03	
08412		XA436	21									M	TXIROP	01	TXIROP	00	1	TDD	DP		10B				
07768		XA436	22		XA432	09				168	9		TXBCA	03	TXBOP	01	1	TDD	CP		12A				
07783		XA436	23		XA433	30				168	9		TXBOP	03	TXBOP	00	1	TDD	CP		11B				
07809		XA436	24		XA439	20				168	9		TXB2P	03	TXB0I	01	1	TDD	CI		13A				
07786		XA436	25		XA439	24				168	9		TXB0Q	02	TXB0Q	00	1	TDD	CO		12B	I/O BYTE COUNTER			
07772		XA436	26		XA435	30				168	9		TXBKO	01	TXB0N	01	1	TDD	CN		14A				
01508		XA436	27		XA437	26				168	9		SPI011	06	TXB0Q	01	1	TDD	CO		13B				
00124		XA436	28										+5V	01				TDD							
01507		XA436	29		XA436	27				168	9		SPI011	05	TWRQ4Q	01	1	TDD	EQ		14B				
05654		XA436	30										TWRQ2P	03	TWRQ4N	01	1	TDD	FN		15A			D01	
06705		XA436	31										TWRQ4Q	02	TWRQ4Q	00	1	TDD	EQ		15B	WRITE REQUEST DELA			
00778		XA436	32										GND	01				TDD			21B				
06701		XA436	33		XA425	79				168	9		TWRQ4P	01	TWRQ4P	00	1	TDD	EP		16B				
06692		XA436	34		XA513	07				168	9		TWRQ3Q	01	TWRQ4I	01	1	TDD	FI		16A				
08409		XA436	35									M	TXEBOP	01	TXEBOP	00	1	TDD	EP		17B				
06652		XA436	36		XA425	76				168	9		TWRQCP	01	TWRQ4P	01	1	TDD	FP		17A				
07205		XA436	37										TXEB0Q	02	TXEB0Q	00	1	TDD	EQ		18B	FOR SYNC COUNTER			
07397		XA436	38		XA440	37				168	9		TXRSOB	23	TXEBOP	01	1	TDD	EP		18A				
07203		XA436	39										TXE0A	02	TXEB0Q	01	1	TDD	EQ		19B				
CONNECTOR		XA436	CONTINUED ON THE NEXT PAGE ****																						

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RECORD NUMBER	FROM				TO				WIRE				SFC LIST NO.	SIGNAL	SEQ NO	EQUATION	TERM	FACTOR	CKT OR CHIP TYPE	GROUP	LOAD OR POWER PLANE	TEST POINTS NO. OR	SIGNAL DESCRIPTION	ECO NO	
	PREFIX	CONNECTOR	PIN	SFC	PREFIX	CONNECTOR	PIN	SFC	MULT. GROUP	CODE	COLOR	IDENT													
07243		XA436	40																						
04287		XA436	41		XA436	77				16B	9														
07207		XA436	42																						
04279		XA436	43																						
00779		XA436	44																						
04276		XA436	45																						
04293		XA436	46		XA435	61				16B	9														
04226		XA436	47		XA527	01				16B	9														
04289		XA436	48																						
04229		XA436	49		XA540	72				16B	9														
04283		XA436	50																						
04241		XA436	51		XA431	43				16B	9														
04238		XA436	52																						
01538		XA436	53																						
04244		XA436	54		XA540	74				16B	9														
07974		XA436	55																						
04248		XA436	56		XA435	43				16B	9														
08429		XA436	57																						
00780		XA436	58																						
07965		XA436	59		XA428	07				16B	9														
08081		XA436	60		XA434	79				16B	9														
08428		XA436	61																						
07969		XA436	62		XA435	55				16B	9														
07968		XA436	63																						
07961		XA436	64		XA539	13				16B	9														
07382		XA436	65		XA435	73				16B	9														
07381		XA436	66		XA436	65				16B	9														
00781		XA436	67																						
07257		XA436	68		XA435	40				16B	9														
07712		XA436	69																						
07197		XA436	70																						
01369		XA436	71		XA427	73				16B	9														
07743		XA436	72																						
07715		XA436	73		XA432	22				16B	9														
08422		XA436	74																						
01531		XA436	75		XA435	75				16B	9														
08418		XA436	76																						
07244		XA436	77		XA441	52				16B	9														
07664		XA436	78																						
07665		XA436	79		XA439	75				16B	9														
07670		XA436	80		XA439	72				16B	9														
07499		XA437	01		XA430	46				16B	9														
00782		XA437	02																						
00326		XA437	03																						
07556		XA437	04		XA437	54				16B	9														
07574		XA437	05		XA437	56				16B	9														
07591		XA437	06		XA440	15				16B	9														
07606		XA437	07		XA427	21				16B	9														
CONNECTOR XA437 CONTINUED ON THE NEXT PAGE ****																									

RECORD NUMBER	FROM			TO			WIRE				SIGNAL	SEQ NO	EQUATION	TERM	FACTOR	CKT OR CHIP TYPE	GROUP	LOAD OR POWER PLANE	TEST POINTS		SIGNAL DESCRIPTION	ECO NO
	PREFIX	CONNECTOR	PIN	PREFIX	CONNECTOR	PIN	MULTI GROUP	CODE	COLOR	IDENT									AND	OR		
07619		XA437	08									TXR5CR	03	TXXACO	01	6	TS8	A1		06A		
00327		XA437	09									DNW	01				TS8					
07631		XA437	10									TXR6CR	03	TXXACO	01	7	TS8	A1		07A		
07714		XA437	11									TXXACO	02	TXXACO	00	1	TS8	A1		05B		
00125		XA437	12									+5V	01				TS8					
07643		XA437	13									TXR7CR	03	TXXACO	01	8	TS8	A1		06B		
07667		XA437	14									TXST1A	03	TXRS00	01	1	TS8	B1		09A		
00328		XA437	15									DNW	01				TS8					
00783		XA437	16									GND	01				TS8			21B		
00329		XA437	17									DNW	01				TS8					
06869		XA437	18		XA431	04				16B	9	TXARSA	01	TXRS00	01	2	TS8	B1		10A		
06977		XA437	19		XA431	07				16B	9	TXBRSA	01	TXRS00	01	3	TS8	B1		09B		
07311		XA437	20		XA428	27				16B	9	TXPRSA	01	TXRS00	01	4	TS8	B1		11A		
00330		XA437	21									DNW	01				TS8					
00257		XA437	22									DEVINH	21	TXRS00	01	5	TS8	B1		12A		
07479		XA437	23									TXRS00	12	TXRS00	00	1	TS8	B1		11B	CONTROLLER MASTER	
01278		XA437	24		XA436	10				16B	9	SPI003	13	TXRS00	01	6	TS8	B1		13A		A01
01364		XA437	25		XA437	40				16B	9	SPI006	10	TXRS00	01	7	TS8	B1		12B		
01509		XA437	26		XA439	31				16B	9	SPI011	07	TXRS00	01	8	TS8	B1		14A		
00331		XA437	27									DNW	01				TS8					
00126		XA437	28									+5V	01				TS8					
00332		XA437	29									DNW	01				TS8					
07117		XA437	30		XA430	21				16B	9	TXDEVS	01	TXDV1A	01	1	TS8	C1		15A		
07818		XA437	31		XA437	60				16B	9	TXXB20	04	TXDV1A	01	2	TS8	C1		15B		
00784		XA437	32									GND	01				TS8			27A		
00333		XA437	33									DNW	01				TS8					
07721		XA437	34		XA433	34				16B	9	TXXAOP	03	TXDV1A	01	3	TS8	C1		16A		
07145		XA437	35									TXDV1A	05	TXDV1A	00	1	TS8	C1		17B		
07732		XA437	36		XA433	36				16B	9	TXXA1Q	03	TXDV1A	01	4	TS8	C1		17A		
07515		XA437	37		XA437	66				16B	9	TXR0PA	01	TXDV1A	01	5	TS8	C1		18B		
01277		XA437	38		XA427	11				16B	9	TXR097T	00	TXDV1A	01	6	TS8	C1		18A		B08
00334		XA437	39									DNW	01				TS8					
01365		XA437	40		XA437	70				16B	9	SPI006	11	TXDV1A	01	7	TS8	C1		19A		
00335		XA437	41									DNW	01				TS8					
01521		XA437	42		XA439	43				16B	9	SPI011	19	TXDV1A	01	8	TS8	C1		20A		
07034		XA437	43		XA433	55				16B	9	TXCMAS	01	TXCA1A	01	1	TS8	D1		23B		
00785		XA437	44									GND	01				TS8			40A		
00336		XA437	45									DNW	01				TS8					
07802		XA437	46		XA440	51				16B	9	TXXB10	03	TXCA1A	01	2	TS8	D1		21A		
07024		XA437	47									TXCA1A	02	TXCA1A	00	1	TS8	D1		25B		
07720		XA437	48		XA437	34				16B	9	TXXAOP	02	TXCA1A	01	3	TS8	D1		22A		
07731		XA437	49		XA437	36				16B	9	TXXA1Q	02	TXCA1A	01	4	TS8	D1		26B		
07356		XA437	50		XA440	40				16B	9	TXRPCS	02	TXCA1A	01	5	TS8	D1		23A		
00337		XA437	51									DNW	01				TS8					
07511		XA437	52		XA438	03				16B	9	TXROCS	09	TXCA1A	01	6	TS8	D1		24A		
00338		XA437	53									DNW	01				TS8					
07557		XA437	54		XA430	60				16B	9	TXR1CR	04	TXCA1A	01	7	TS8	D1		25A		
07136		XA437	55		XA426	57				16B	9	TXDVSS	01	TXSS0A	01	1	TS8	F1		29B		
07575		XA437	56		XA430	59				16B	9	TXR2CR	04	TXCA1A	01	8	TS8	D1		26A		
00339		XA437	57									DNW	01				TS8					
CONNECTOR XA437 CONTINUED ON THE NEXT PAGE ****																						

RECORD NUMBER	FROM				TO				WIRE		SIGNAL	SEQ NO	EQUATION	TERM FACTOR	CKT OR CHIP TYPE	GROUP	LOAD OR POWER PLANE	TEST POINTS AND OR	SIGNAL DESCRIPTION	FCO NO
	PREFIX	CONNECTOR	PIN	SH	PREFIX	CONNECTOR	PIN	SH	MULTI GROUP	CODE										
00786		XA437	58									GND	01							
07662		XA437	59									TXSS0A	03	TXSS0A	00 1	TS8	E1	31B		
07819		XA437	60			XA440	66					TXXB20	05	TXSS0A	01 2	TS8	E1	28A		
07719		XA437	61			XA437	48					TXXA0P	01	TXSS0A	01 3	TS8	E1	32B		
07730		XA437	62			XA437	49					TXXA1Q	01	TXSS0A	01 4	TS8	E1	29A		
00340		XA437	63									DNW	01							
07658		XA437	64			XA426	21					TXSSTO	01	TXSS0A	01 5	TS8	E1	30A		
00341		XA437	65									DNW	01							
07516		XA437	66			XA433	70					TXR0PA	02	TXSS0A	01 6	TS8	E1	31A		
00787		XA437	67									GND	01							
07529		XA437	68			XA437	79					SPI011	27	TXSS0A	01 7	TS8	E1	32A		
00342		XA437	69									DNW	01							
07366		XA437	70			XA437	78					SPI006	12	TXSS0A	01 8	TS8	E1	33A		
05331		XA437	71			XA412	66					TRTDCO	01	TDRSCA	01 1	TS8	F1	36A		
04533		XA437	72									TKB00P	05	TDRSCA	01 2	TS8	F1	34A		
04542		XA437	73									TKB01P	05	TDRSCA	01 3	TS8	F1	36B		
04497		XA437	74									TKA01Q	09	TDRSCA	01 4	TS8	F1	35B		
04500		XA437	75			XA526	59					TKA02P	01	TDRSCA	01 5	TS8	F1	37B		A03
04094		XA437	76			XA518	14					TDRSCA	01	TDRSCA	00 1	TS8	F1	37A		CLEAR INPUT DATA R
05719		XA437	77			XA433	79					TSCL3B	02	TDRSCA	01 6	TS8	F1	38B		
01367		XA437	78			XA435	80					SPI006	13	TDRSCA	01 7	TS8	F1	38A		
01530		XA437	79			XA436	75					SPI011	28	TDRSCA	01 8	TS8	F1	39B		
00343		XA437	80									DNW	01							
00344		XA438	01									DNW	01							
00788		XA438	02									GND	01							
07512		XA438	03			XA440	08					TXR0CS	10	TXR0PPR	01 1	PAR	A1	03B		
07650		XA438	04			XA440	23					TXR7CS	07	TXR0PPR	01 8	PAR	A1	02A		
07569		XA438	05			XA440	04					TXR1CS	09	TXR0PPR	01 2	PAR	A1	04B		
07634		XA438	06			XA427	06					TXR6CS	03	TXR0PPR	01 7	PAR	A1	03A		
07585		XA438	07			XA440	03					TXR2CS	07	TXR0PPR	01 3	PAR	A1	05B		
07626		XA438	08			XA440	18					TXR5CS	07	TXR0PPR	01 6	PAR	A1	04A		
07594		XA438	09			XA440	11					TXR3CS	01	TXR0PPR	01 4	PAR	A1	06B		
07615		XA438	10			XA427	05					TXR4CS	08	TXR0PPR	01 5	PAR	A1	05A		
07355		XA438	11			XA437	50					TXRPCS	01	TXR0PPR	02 1	PAR	A1	07B		
00127		XA438	12									+5V	01							
07523		XA438	13									TXR0PPR	04	TXR0PPR	00 1	PAR	A1	07A		INPUT REG PARITY C
00345		XA438	14									DNW	01							
00346		XA438	15									DNW	01							
00789		XA438	16									GND	01							
07676		XA438	17			XA427	38					TXS031U	03	TXDSBPR	01 1	PAR	B1	09B		
07704		XA438	18			XA427	62					TXS474U	03	TXDSBPR	01 8	PAR	B1	09A		
07679		XA438	19			XA445	13					TXS032U	02	TXDSBPR	01 2	PAR	B1	10B		
07700		XA438	20			XA427	60					TXS473U	03	TXDSBPR	01 7	PAR	B1	10A		
07684		XA438	21			XA427	42					TXS033U	03	TXDSBPR	01 3	PAR	B1	11B		
07696		XA438	22			XA427	56					TXS472U	03	TXDSBPR	01 6	PAR	B1	11A		
07688		XA438	23			XA427	46					TXS034U	03	TXDSBPR	01 4	PAR	B1	12B		
07692		XA438	24			XA427	54					TXS471U	03	TXDSBPR	01 5	PAR	B1	12A		
07130		XA438	25									TXDSBPR	03	TXDSBPR	00 1	PAR	B1	14A		
CONNECTOR		XA438	CONTINUED ON THE NEXT PAGE ****																	

RECORD NUMBER	FROM				TO				WIRE			SPEC. NET. IN USE	SIGNAL	SEQ NO	EQUATION	TERM. #	FACTOR	CAT. OR CH. P. TYPE	GROUP	LOAD OR POWER PLANE	TEST POINTS		SIGNAL DESCRIPTION	FIG. NO.
	PREFIX	CONNECTOR	PIN	ST. #	PREFIX	CONNECTOR	PIN	ST. #	MULTI GROUP	CODE	COLOR										IDENT	AND		
00347		XA438	26										DNW	01				PAR			13A			
07843		XA438	27		XA435	74				168	9		TXXC1Q	01	TXDSBPR	02	1	PAR	B1		13B			
00128		XA438	28										+5V	01				PAR			08A			
00348		XA438	29										DNW	01				PAR			14B			
06781		XA438	30		XA543	23				168	9		TW04DTD	02	TW07BPR	01	8	PAR	C1		15A			
06738		XA438	31		XA423	55				168	9		TW00DTA	03	TW07BPR	01	1	PAR	C1		15B			
00790		XA438	32										GND	01				PAR			20B			
06741		XA438	33		XA543	04				168	9		TW00DTB	02	TW07BPR	01	2	PAR	C1		16B			
06778		XA438	34		XA422	60				168	9		TW04DTC	03	TW07BPR	01	7	PAR	C1		16A			
06746		XA438	35		XA423	60				168	9		TW00DTC	03	TW07BPR	01	3	PAR	C1		17B			
06773		XA438	36		XA543	18				168	9		TW04DTB	02	TW07BPR	01	6	PAR	C1		17A			
06749		XA438	37		XA543	11				168	9		TW00DTD	02	TW07BPR	01	4	PAR	C1		18B			
06770		XA438	38		XA422	55				168	9		TW04DTA	03	TW07BPR	01	5	PAR	C1		18A			
06625		XA438	39		XA423	52				168	9		TW12R	01	TW07BPR	02	1	PAR	C1		19B			
00349		XA438	40										DNW	01				PAR			19A			
00350		XA438	41										DNW	01				PAR			22B			
06802		XA438	42										TW07BPR	03	TW07BPR	00	1	PAR	C1		20A	WRITE DATA PARITY		
01550		XA438	43		XA441	43				168	9		SPI012	12				PAR	D1		23B			
00791		XA438	44										GND	01				PAR			27A			
01600		XA438	45		XA442	65				168	9		SPI016	01			01	2	PAR	D1	24B			
01599		XA438	46		XA438	61				168	9		SPI015	13			01	8	PAR	D1	21A		001	
01520		XA438	47		XA437	42				168	9		SPI011	18			01	3	PAR	D1	25B			
01276		XA438	48		XA437	24				168	9		SPI003	11			01	7	PAR	D1	22A		808	
01462		XA438	49		XA436	15				168	9		SPI009	02			01	4	PAR	D1	26B		801	
01429		XA438	50		XA438	65				168	9		SPI008	04			02	6	PAR	D1	23A			
01584		XA438	51		XA514	73				168	9		SPI014	02			02	1	PAR	D1	27B			
01570		XA438	52		XA442	51				168	9		SPI013	01			01	5	PAR	D1	24A			
00351		XA438	53										DNW	01				PAR			28B			
00352		XA438	54										DNW	01				PAR			25A			
03980		XA438	55		XA438	52				168	9		SPI013	00	TW07BPR	01	1	PAR	E1		29B		001	
03395		XA438	56										SPO	01			00	1	PAR	D1	26A			
01519		XA438	57		XA438	47				168	9		SPI011	17	TW07BPR	01	8	PAR	E1		28A			
00792		XA438	58										GND	01				PAR			40A			
03989		XA438	59		XA442	72				168	9		SPI014	00	TW07BPR	01	2	PAR	E1		30B		001	
01275		XA438	60		XA438	48				168	9		SPI003	10	TW07BPR	01	7	PAR	E1		29A			
03994		XA438	61										SPI015	14	TW07BPR	01	3	PAR	E1		31B		001	
01549		XA438	62		XA438	43				168	9		SPI012	11	TW07BPR	01	6	PAR	E1		30A			
04004		XA438	63										TC83BQ	05	TW07BPR	01	4	PAR	E1		32B			
04011		XA438	64										TC84BQ	03	TW07BPR	01	5	PAR	E1		31A			
01430		XA438	65		XA534	03				168	9		SPI008	05	TW07BPR	02	1	PAR	E1		33B			
00353		XA438	66										DNW	01				PAR			32A			
00793		XA438	67										GND	01				PAR			40B			
06367		XA438	68		XA518	29				168	9		TW07BPR	01	TW07BPR	00	1	PAR	E1		33A	WRITE STROBE GENER		
00354		XA438	69										DNW	01				PAR			34B			
06304		XA438	70		XA537	23				168	9		TT07BQ	01	TT07BPR	01	8	PAR	F1		34A			
06241		XA438	71		XA537	08				168	9		TT00BQ	01	TT07BPR	01	1	PAR	F1		35B			
06295		XA438	72		XA537	17				168	9		TT06BQ	01	TT07BPR	01	7	PAR	F1		35A			
06250		XA438	73		XA537	04				168	9		TT01BQ	01	TT07BPR	01	2	PAR	F1		34B			
06286		XA438	74		XA537	18				168	9		TT05BQ	01	TT07BPR	01	6	PAR	F1		36A			
06265		XA438	75										TT02BQ	07	TT07BPR	01	3	PAR	F1		37B			
CONNECTOR		XA438	CONTINUED ON THE NEXT PAGE ****																					

RECORD NUMBER	FROM			TO			WIRE				SPEC. INST. W/ISSC	SIGNAL	SEQ 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												
06283		XA438	76									TT04B0	07	TT0PBPR	01	5	PAR	F1		37A		
06268		XA438	77		XA537	11		168	9			TT03B0	01	TT0PBPR	01	4	PAR	F1		38B		
00355		XA438	78									ONW	01				PAR			38A		
06232		XA438	79		XA541	14		168	9			TT0PB0	00	TT0PBPR	02	1	PAR	F1		39B		
06236		XA438	80									TT0PBPR	02	TT0PBPR	00	1	PAR	F1		39A	READ REGISTER PAR	C01
07752		XA439	01									TXXA5A	02	TXXA5A	00	1	TQ2	A2		02B	I/O STATE COUNTER	
00794		XA439	02									GND	01				TQ2			01A		
07728		XA439	03		XA435	11		168	9			TXXA1P	01	TXXA6A	01	1	TQ2	A3		02A		
07724		XA439	04									TXXA0P	06	TXXA5A	01	1	TQ2	A2		04A		
07736		XA439	05									TXXA1Q	07	TXXA5A	01	2	TQ2	A2		03B		
07747		XA439	06									TXXA4A	02	TXXA4A	00	1	TQ2	A1		05A	I/O STATE COUNTER	
07737		XA439	07		XA435	05		168	9			TXXA2Q	01	TXXA6A	01	2	TQ2	A3		03A		
07727		XA439	08									TXXA0Q	03	TXXA4A	01	1	TQ2	A1		06A		
07764		XA439	09		XA440	35		168	9			TXXA6A	01	TXXA6A	00	1	TQ2	A3		04B	I/O STATE COUNTER	
07744		XA439	10		XA435	07		168	9			TXXA3Q	01	TXXA4A	01	2	TQ2	A1		07A		
07781		XA439	11		XA439	23		168	9			TXXB0P	01	TXXB0A	01	1	TQ2	A4		05B		
00129		XA439	12									+5V	01				TQ2					
07811		XA439	13									TXXB2P	05	TXXB0A	01	2	TQ2	A4		06B		
07806		XA439	14									TXXB2A	03	TXXB2A	00	1	TQ2	B2		09A	I/O BYTE COUNTER	
07777		XA439	15		XA430	17		168	9			TXXB0A	02	TXXB0A	00	1	TQ2	A4		07B	I/O BYTE COUNTER	
00795		XA439	16									GND	01				TQ2			01B		
07788		XA439	17									TXXB0Q	04	TXXB3A	01	1	TQ2	B3		08B		
07799		XA439	18									TXXB1Q	04	TXXB2A	01	1	TQ2	B2		10A		
07812		XA439	19		XA439	42		168	9			TXXB2Q	01	TXXB3A	01	2	TQ2	B3		09B		
07810		XA439	20		XA439	13		168	9			TXXB2P	04	TXXB2A	01	2	TQ2	B2		11A		
07823		XA439	21		XA440	62		168	9			TXXB3A	03	TXXB3A	00	1	TQ2	B3		10B	I/O BYTE COUNTER	
07791		XA439	22		XA440	47		168	9			TXXB1A	01	TXXB1A	00	1	TQ2	B1		12A	I/O BYTE COUNTER	
07782		XA439	23		XA436	23		168	9			TXXB0P	02	TXXB4A	01	1	TQ2	B4		11B	I/O BYTE COUNTER	
07787		XA439	24		XA439	17		168	9			TXXB0Q	03	TXXB1A	01	1	TQ2	B1		13A		
07798		XA439	25		XA439	18		168	9			TXXB1Q	03	TXXB4A	01	2	TQ2	B4		12B		
07793		XA439	26		XA439	40		168	9			TXXB1P	01	TXXB1A	01	2	TQ2	B1		14A		
07828		XA439	27		XA440	53		168	9			TXXB4A	01	TXXB4A	00	1	TQ2	B4		13B	I/O BYTE COUNTER	
00130		XA439	28									+5V	01				TQ2					
07982		XA439	29									TXX05A	02	TXX050	01	1	TQ2	C3		14B		
07978		XA439	30		XA433	48		168	9			TXX04A	01	TXX04A	00	1	TQ2	C2		15A		
01510		XA439	31		XA440	43		168	9			SPIO11	08	TXX050	01	2	TQ2	C3		15B		
00796		XA439	32									GND	01				TQ2			20B		
07983		XA439	33		XA433	54		168	9			TXX050	01	TXX050	00	1	TQ2	C3		16B	I/O BYTE COUNT=0	
07790		XA439	34									TXXB00	02	TXX04A	01	1	TQ2	C2		16A		
06871		XA439	35		XA441	66		168	9			TXXSLA	01	TXONL0	01	1	TQ2	C4		17B		
07749		XA439	36		XA440	52		168	9			TXXA40	02	TXX04A	01	2	TQ2	C2		17A		
06979		XA439	37		XA441	60		168	9			TXXSLA	01	TXONL0	01	2	TQ2	C4		18B		
07834		XA439	38		XA440	59		168	9			TXXB5A	02	TXXB5A	00	1	TQ2	C1		18A	I/O BYTE COUNTER	
08022		XA439	39									TXONL0	05	TXONL0	00	1	TQ2	C4		19B		
07794		XA439	40		XA435	33		168	9			TXXB1P	02	TXXB5A	01	1	TQ2	C1		19A		
07144		XA439	41		XA437	35		168	9			TXDV1A	04	TXDV30	01	1	TQ2	D3		22B		
07813		XA439	42		XA434	49		168	9			TXXB2Q	02	TXXB5A	01	2	TQ2	C1		20A		
01522		XA439	43		XA439	40		168	9			SPIO11	20	TXDV30	01	2	TQ2	D3		23B		
CONNECTOR		XA439	CONTINUED ON THE NEXT PAGE ****																			

RECORD NUMBER	FROM			TO			MULTI GROUP	WIRE CODE	COLOR	IDENT	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															AND	OR		
00797		XA439	44										GND	01				TQ2				21B		
07156		XA439	45		XA432	19		16B	9				TXDV30	11	TXDV1B	03	1	TQ2	D3			24B		
07190		XA439	45										TXDV30	01	TXDV30	00	1	TQ2	D3			24B	TXDV1B	BUSS
07155		XA439	46		XA439	45		16B	9				TXDV20	10	TXDV1B	02	1	TQ2	D2			21A		
07189		XA439	46										TXDV20	01	TXDV20	00	1	TQ2	D2			21A	TXDV1B	BUSS
07143		XA439	47		XA439	41		16B	9				TXDV1A	03	TXDV40	01	1	TQ2	D4			25B		
07142		XA439	48		XA439	47		16B	9				SPI011	02	TXDV20	01	1	TQ2	D2			22A		
01523		XA439	49		XA439	61		16B	9				TXDV40	21	TXDV40	01	2	TQ2	D4			26B		
01516		XA439	50		XA439	56		16B	9				SPI011	14	TXDV20	01	2	TQ2	D2			23A		
07153		XA439	51		XA439	52		16B	9				TXDV40	08	TXDV1B	04	1	TQ2	D4			27B		
07191		XA439	51										TXDV40	01	TXDV40	00	1	TQ2	D4			27B	TXDV1B	BUSS
07154		XA439	52		XA439	46		16B	9				TXDV10	09	TXDV1B	01	1	TQ2	D1			24A		
07188		XA439	52										TXDV10	01	TXDV10	00	1	TQ2	D1			24A	TXDV1B	BUSS
05215		XA439	53										TREW3A	02	TREW3A	01	1	TQ2	E3			28B		
07141		XA439	54		XA439	48		16B	9				TXDV1A	01	TXDV10	01	1	TQ2	D1			25A		
01518		XA439	55		XA438	57		16B	9				SPI011	16	TREW3A	01	2	TQ2	E3			29B		
01517		XA439	56		XA439	55		16B	9				SPI011	15	TXDV10	01	2	TQ2	O1			26A		
05206		XA439	57		XA542	24		16B	9				TREW3A	01	TREW3A	00	1	TQ2	E3			30B		
00798		XA439	58										GND	01				TQ2				27A		
07380		XA439	59		XA436	66		16B	9				TXRS0B	06	TRDCC0	01	1	TQ2	E4			31B		
04296		XA439	60		XA435	66		16B	9				TEB4RA	01	TEB4RA	00	1	TQ2	E2			28A		
01524		XA439	61		XA439	64		16B	9				SPI011	22	TRDCC0	01	2	TQ2	E4			32B		
04300		XA439	62										TEB4RO	07	TEB4RA	01	1	TQ2	E2			29A		D04
05031		XA439	63										TRDCC0	03	TRDCC0	00	1	TQ2	E4			33B		
01525		XA439	64		XA439	70		16B	9				SPI011	23	TEB4RA	01	2	TQ2	E2			30A		
07510		XA439	65										TXR2CS	10	TXAD0A	01	1	TQ2	F3			34B		
07114		XA439	66										TXDEVA	06	TXDEVA	00	1	TQ2	E1			31A		
00799		XA439	67										GND	01				TQ2				40A		
07597		XA439	68		XA431	77		16B	9				TXR3CS	04	TXDEVA	01	1	TQ2	E1			32A		
06829		XA439	69		XA441	53		16B	9				TXAD0A	01	TXAD0A	00	1	TQ2	F3			35A	ADDRESS 0 DECODE	
01526		XA439	70		XA440	70		16B	9				SPI011	24	TXDEVA	01	2	TQ2	E1			33A		
07673		XA439	71										TXST20	02	TXST2A	01	1	TQ2	F2			36A		
07671		XA439	72										TXST2A	02	TXST2A	00	1	TQ2	F2			34A		
01528		XA439	73		XA437	68		16B	9				SPI011	26	TXST2A	01	2	TQ2	F2			36B		
06821		XA439	74		XA441	59		16B	9				TXADE04	09	TXAD0A	01	2	TQ2	F3			35B		
07666		XA439	75		XA437	14		16B	9				TXST1A	02	TXST1A	00	1	TQ2	F1			37B		
07568		XA439	76		XA438	09		16B	9				TXR3CS	005	TXAD1A	01	1	TQ2	F4			37A		
07668		XA439	77		XA435	78		16B	9				TXST10	01	TXST1A	01	1	TQ2	F1			38B		
06820		XA439	78										TXADEA	04	TXAD1A	01	2	TQ2	F4			38A		
07068		XA439	79		XA432	25		16B	9				TXCP30	04	TXST1A	01	2	TQ2	F1			39B		
06832		XA439	80										TXAD1A	02	TXAD1A	00	1	TQ2	F4			39A	ADDRESS 1 DECODE	
07555		XA440	01		XA437	04		16B	9				TXR1CR	02	TXR1CR	00	1	TQ2	A2			02B		
00800		XA440	02										GND	01				TQ2				01A		
07586		XA440	03		XA441	09		16B	9				TXR2CS	08	TXR2CR	01	1	TQ2	A3			02A		
07570		XA440	04		XA441	01		16B	9				TXR1CS	10	TXR1CR	01	1	TQ2	A2			04A		
07369		XA440	05		XA440	10		16B	9				TXR3SA	11	TXR1CR	01	2	TQ2	A2			03B		
07498		XA440	06		XA437	01		16B	9				TXR0CR	02	TXR0CR	00	1	TQ2	A1			05A		
07368		XA440	07		XA440	05		16B	9				TXR3SA	10	TXR2CR	01	2	TQ2	A3			03A		
CONNECTOR		XA440	CONTINUED ON THE NEXT PAGE ***																					

H78-14 1774

DATA SYSTEMS DIVISION
LITTON SYSTEMS INC.
LITTON INDUSTRIES

DRAWING NUMBER 149016-880

CONNECTOR

UNIT ASSEMBLY NO. 149016

REV. E

INDEX

XA440

UNIT ASSEMBLY NAME CARD CAGE ASSY. A, IFCU

FILE IDENT T39C1FC6

DATE 09-03-82

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RECORD NUMBER	FROM				TO				WIRE				SIGNAL	SEQ NO	EQUATION	TERM	FACTOR	CKT OR CHIP TYPE	GROUP	LOAD OR POWER PLANE	TEST POINTS AND/OR	SIGNAL DESCRIPTION	ECO NO
	PREFIX	CONNECTOR	PIN	WIRE	PREFIX	CONNECTOR	PIN	WIRE	MULTI GROUP	CODE	COLOR	IDENT											
07513		XA440	08		XA441	06				16B	9		TXR0CS	11	TXR0CR	01	1	TQ2	A1		06A		
07573		XA440	09		XA437	05				16B	9		TXR2CR	02	TXR2CR	00	1	TQ2	A3		04B		
07370		XA440	10										TXR5SA	12	TXR0CR	01	2	TQ2	A1		07A		
07595		XA440	11		XA441	15				16B	9		TXR3CS	02	TXR3CR	01	1	TQ2	A4		05B		
00131		XA440	12										+5V	01				TQ2					
07367		XA440	13		XA440	07				16B	9		TXR5SA	09	TXR3CR	01	2	TQ2	A4		06B		
07618		XA440	14		XA437	08				16B	9		TXR5CR	02	TXR5CR	00	1	TQ2	B2		09A		
07592		XA440	15		XA441	11				16B	9		TXR3CR	05	TXR3CR	00	1	TQ2	A4		07B		
00801		XA440	16										GND	01				TQ2			01B		
07633		XA440	17		XA438	06				16B	9		TXR6CS	02	TXR6CR	01	1	TQ2	B3		08B		
07627		XA440	18		XA441	14				16B	9		TXR5CS	08	TXR5CR	01	1	TQ2	B2		10A		
07366		XA440	19		XA440	13				16B	9		TXR5SA	08	TXR6CR	01	2	TQ2	B3		09B		
07365		XA440	20		XA440	19				16B	9		TXR5SA	07	TXR5CR	01	2	TQ2	B2		11A		
07630		XA440	21		XA437	10				16B	9		TXR6CR	02	TXR6CR	00	1	TQ2	B3		10B		
07605		XA440	22		XA437	07				16B	9		TXR4CR	02	TXR4CR	00	1	TQ2	B1		12A		
07651		XA440	23		XA441	27				16B	9		TXR7CS	08	TXR7CR	01	1	TQ2	B4		11B		
07614		XA440	24		XA438	10				16B	9		TXR4CS	07	TXR4CR	01	1	TQ2	B1		13A		
07363		XA440	25		XA440	26				16B	9		TXR5SA	05	TXR7CR	01	2	TQ2	B4		12B		
07364		XA440	26		XA440	20				16B	9		TXR5SA	06	TXR4CR	01	2	TQ2	B1		14A		
07642		XA440	27		XA437	13				16B	9		TXR7CR	02	TXR7CR	00	1	TQ2	B4		13B		
00132		XA440	28										+5V	01				TQ2					
07350		XA440	29		XA441	33				16B	9		TXRENS	02	TXRENR	01	1	TQ2	C3		14B		
07338		XA440	30		XA433	37				16B	9		TXRCMR	02	TXRCMR	00	1	TQ2	C2		15A		
07362		XA440	31		XA440	25				16B	9		TXR5SA	04	TXRENR	01	2	TQ2	C3		15B		
00802		XA440	32										GND	01				TQ2			20B		
07346		XA440	33		XA433	38				16B	9		TXRENR	02	TXRENR	00	1	TQ2	C3		16B		
07343		XA440	34		XA441	30				16B	9		TXRCMS	03	TXRCMR	01	1	TQ2	C2		16A		
07765		XA440	35										TXXA6A	02	TXR5SA	01	1	TQ2	C4		17B		
07361		XA440	36		XA440	31				16B	9		TXR5SA	03	TXRCMR	01	2	TQ2	C2		17A		
07398		XA440	37		XA436	20				16B	9		TXR5OB	24	TXR5SA	01	2	TQ2	C4		18B		
07353		XA440	38		XA433	40				16B	9		TXRPCR	02	TXRPCR	00	1	TQ2	C1		18A		
07371		XA440	39		XA441	35				16B	9		TXR5SA	01	TXR5SA	00	1	TQ2	C4		19B		
07357		XA440	40		XA441	38				16B	9		TXRPCS	03	TXRPCR	01	1	TQ2	C1		19A		
07776		XA440	41		XA439	15				16B	9		TXXB0A	01	TXXB00	01	1	TQ2	D3		22B		
07360		XA440	42		XA440	36				16B	9		TXR5SA	02	TXRPCR	01	2	TQ2	C1		20A		
01511		XA440	43		XA442	55				16B	9		SPIO11	09	TXXB00	01	2	TQ2	D3		23B		
00803		XA440	44										GND	01				TQ2			21B		
07789		XA440	45		XA439	34				16B	9		TXXB00	01	TXXB00	00	1	TQ2	D3		24B		
07753		XA440	46		XA431	25				16B	9		TXXA50	01	TXXA50	00	1	TQ2	D2		21A		
07792		XA440	47										TXXB1A	02	TXXB10	01	1	TQ2	D4		25B		
07751		XA440	48		XA439	01				16B	9		TXXA5A	01	TXXA50	01	1	TQ2	D2		22A		
01515		XA440	49		XA439	50				16B	9		SPIO11	13	TXXB10	01	2	TQ2	D4		26B		
01514		XA440	50		XA440	49				16B	9		SPIO11	12	TXXA50	01	2	TQ2	D2		23A		
07803		XA440	51										TXXB10	04	TXXB10	00	1	TQ2	D4		27B		
07750		XA440	52										TXXA40	03	TXXA40	00	1	TQ2	D1		24A		
07829		XA440	53										TXXB4A	02	TXXB40	01	1	TQ2	E3		28B		
07746		XA440	54		XA439	06				16B	9		TXXA4A	01	TXXA40	01	1	TQ2	D1		25A		
01607		XA440	55		XA440	61				16B	9		SPIO17	06	TXXB40	01	2	TQ2	E3		29B		
01513		XA440	56		XA440	50				16B	9		SPIO11	11	TXXA40	01	2	TQ2	D1		26A		
07832		XA440	57										TXXB40	03	TXXB40	00	1	TQ2	E3		30B		
CONNECTOR		XA440	CONTINUED ON THE NEXT PAGE ****																				

H78-14-1775

DATA SYSTEMS DIVISION
LITTON SYSTEMS INC.
LITTON INDUSTRIES

DRAWING NUMBER 149016-880

UNIT ASSEMBLY NAME CARD CAGE ASSY, A, IFCU

CONNECTOR

UNIT ASSEMBLY NO. 149016

FILE IDENT T39C1FC6

REV. E

DATE 09-03-82

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PAGE

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UNIT ASSEMBLY NAME CARD CAGE ASSY, A, IFCU													FILE IDENT T39C1FC6				DATE 09-03-82		PAGE 331		
RECORD NUMBER	FROM			TO			WIRE			SIGNAL	SEQ NO	EQUATION	TERM	FACTOR	CAT 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		
00804		XA440	58							GND	01				TQ2				27A		
07835		XA440	59							TXXB5A	03	TXXB50	01	1	TQ2	F4			31B		
07827		XA440	60							TXXB30	03	TXXB30	00	1	TQ2	E2			28A		
01608		XA440	61		XA441	61			168	9	SPIO17	07	TXXB50	01	2	TQ2	F4		32B		
07824		XA440	62							TXXB3A	04	TXXB30	01	1	TQ2	E2			29A		
07837		XA440	63							TXXB50	02	TXXB50	00	1	TQ2	F4			33B		
01610		XA440	64		XA442	63			168	9	SPIO17	09	TXXB30	01	2	TQ2	E2		30A		
06865		XA440	65							TXARQA	02	TXARQ0	01	1	TQ2	F3			34B		
07820		XA440	66							TXXB20	06	TXXB20	00	1	TQ2	E1			31A		
00805		XA440	67							GND	01				TQ2			40A			
07805		XA440	68		XA439	14			168	9	TXXB2A	02	TXXB20	01	1	TQ2	E1		32A		
06868		XA440	69							TXARQ0	03	TXARQ0	00	1	TQ2	F3			35A		
01527		XA440	70		XA439	73			168	9	SPIO11	25	TXXB20	01	2	TQ2	E1		33A		
06987		XA440	71		XA441	62			168	9	TXBS10X	04	TXB1EA	01	1	TQ2	F2		36A		
06954		XA440	72		XA441	76			168	9	TXB1EA	02	TXB1EA	00	1	TQ2	F2		34A	PORT B INPUT ENAB	
07914		XA440	73		XA432	06			168	9	TXXDRA	02	TXB1EA	01	2	TQ2	F2		36B		
01616		XA440	74		XA441	73			168	9	SPIO17	15	TXARQ0	01	2	TQ2	F3		35B		
06841		XA440	75		XA441	77			168	9	TXA1EA	01	TXA1EA	00	1	TQ2	F1		37B	PORT A INPUT ENAB	
06973		XA440	76							TXBR0A	02	TXBR00	01	1	TQ2	F4			37A		
06879		XA440	77		XA441	68			168	9	TXAS10X	04	TXA1EA	01	1	TQ2	F1		38B		
01615		XA440	78		XA440	74			168	9	SPIO17	14	TXBR00	01	2	TQ2	F4		38A		
07913		XA440	79		XA440	73			168	9	TXXDRA	01	TXA1EA	01	2	TQ2	F1		39B		
06976		XA440	80							TXBR00	03	TXBR00	00	1	TQ2	F4			39A		
07571		XA441	01							TXR1CS	11	TXR1CS	00	1	TQ2	A2			02B	I/O INPUT REG DAT	
00806		XA441	02							GND	01				TQ2			01A			
07572		XA441	03		XA440	09			168	9	TXR2CR	01	TXR2CS	01	1	TQ2	A3		02A		
07554		XA441	04		XA440	01			168	9	TXR1CR	01	TXR1CS	01	1	TQ2	A2		04A		
06896		XA441	05		XA442	10			168	9	TXA1CB4	01	TXR1CS	01	2	TQ2	A2		03B		
07514		XA441	06							TXROC5	12	TXROC5	00	1	TQ2	A1			05A	I/O INPUT REG DAT	
06903		XA441	07		XA442	05			168	9	TXA2CB4	01	TXR2CS	01	2	TQ2	A3		03A		
07497		XA441	08		XA440	06			168	9	TXROCR	01	TXROC5	01	1	TQ2	A1		06A		
07587		XA441	09		XA439	65			168	9	TXR2CS	09	TXR2CS	00	1	TQ2	A3		04B	I/O INPUT REG DAT	
06888		XA441	10							TXA0CB4	04	TXROC5	01	2	TQ2	A1			07A		
07593		XA441	11							TXR3CR	06	TXR3CS	01	1	TQ2	A4			05B		
00133		XA441	12							+5V	01				TQ2						
06912		XA441	13		XA442	07			168	9	TXA3CB4	03	TXR3CS	01	2	TQ2	A4		06B		
07628		XA441	14							TXR5CS	09	TXR5CS	00	1	TQ2	B2			09A	I/O INPUT REG DAT	
07596		XA441	15		XA439	68			168	9	TXR3CS	03	TXR3CS	00	1	TQ2	A4		07B	I/O INPUT REG DAT	
00807		XA441	16							GND	01				TQ2			01B			
07629		XA441	17		XA440	21			168	9	TXR6CR	01	TXR6CS	01	1	TQ2	B3		08B		
07617		XA441	18		XA440	14			168	9	TXR5CR	01	TXR5CS	01	1	TQ2	B2		10A		
06931		XA441	19		XA442	26			168	9	TXA6CB4	01	TXR6CS	01	2	TQ2	B3		09B		
06924		XA441	20		XA442	20			168	9	TXA5CB4	01	TXR5CS	01	2	TQ2	B2		11A		
07632		XA441	21		XA440	17			168	9	TXR6CS	01	TXR6CS	00	1	TQ2	B3		10B	I/O INPUT REG DAT	
07613		XA441	22		XA440	24			168	9	TXR4CS	06	TXR4CS	00	1	TQ2	B1		12A	I/O INPUT REG DAT	
07641		XA441	23		XA440	27			168	9	TXR7CR	01	TXR7CS	01	1	TQ2	B4		11B		
07604		XA441	24		XA440	22			168	9	TXR4CR	01	TXR4CS	01	1	TQ2	B1		13A		
06941		XA441	25							TXA7CB4	04	TXR7CS	01	2	TQ2	B4			12B		
CONNECTOR		XA441	CONTINUED ON THE NEXT PAGE ****																		

RECORD NUMBER	FROM			TO			WIRE			SIGNAL	SEC NO	EQUATION	TERM	FACTOR	CKT OR CHIP TYPE	GROUP	LOAD OR POWER PLANE	TEST POINTS		SIGNAL DESCRIPTION	ECO NO
	PREFIX	CONNECTOR	PIN	PREFIX	CONNECTOR	PIN	SIZE	MULTI GROUP	COLOR									IDENT	AND		
06919		XA441	26		XA442	09			16B 9		TXA4CB4	03	TXR4C5	01	2	TQ2	S1		14A		
07652		XA441	27								TXR7C5	09	TXR7C5	00	1	TQ2	B4		13B	I/O INPUT REG DAT	
00134		XA441	28								+5V	01				TQ2					
07345		XA441	29		XA440	33			16B 9		TXRENR	01	TXRENS	01	1	TQ2	C3		14B		
07344		XA441	30								TXRCMS	04	TXRCMS	00	1	TQ2	C2		15A	I/O INPUT REG COM	
06833		XA441	31		XA442	36			16B 9		TXAENB4	01	TXRENS	01	2	TQ2	C3		15B		
00808		XA441	32								GND	01				TQ2			20B		
07351		XA441	33								TXRENS	03	TXRENS	00	1	TQ2	C3		16B	I/O INPUT REG ENA	
07337		XA441	34		XA440	30			16B 9		TXRCMR	01	TXRCMS	01	1	TQ2	C2		16A		
07372		XA441	35								TXRRS0	02	TXRRSA	01	1	TQ2	C4		17B		
06811		XA441	36		XA442	19			16B 9		TXACMB4	03	TXRCMS	01	2	TQ2	C2		17A		
01602		XA441	37		XA441	41			16B 9		SPIO17	01	TXRRSA	01	2	TQ2	C4		18B		
07358		XA441	38								TXRPCS	04	TXRPCS	00	1	TQ2	C1		18A	I/O INPUT REG PAR	
07359		XA441	39		XA440	42			16B 9		TXRRSA	01	TXRRSA	00	1	TQ2	C4		19B	I/O INPUT REG RES	
07352		XA441	40		XA440	38			16B 9		TXRPCR	01	TXRPCS	01	1	TQ2	C1		19A		
01603		XA441	41		XA441	47			16B 9		SPIO17	02	TXGN5A	01	1	TQ2	D3		22B		
06859		XA441	42		XA442	17			16B 9		TXAPCB4	03	TXRPCS	01	2	TQ2	C1		20A		
01551		XA441	43		XA441	49			16B 9		SPIO12	13	TXGN5A	01	2	TQ2	D3		23B		
00809		XA441	44								GND	01				TQ2			21B		
07262		XA441	45		XA427	61			16B 9		TXGN5A	01	TXGN5A	00	1	TQ2	D3		24B		
07260		XA441	46		XA539	08			16B 9		TXGN4A	10	TXGN4A	00	1	TQ2	D2		21A		
01604		XA441	47		XA441	50			16B 9		SPIO17	03	TXGN6A	01	1	TQ2	D4		25B		
08036		XA441	48		XA146	11			16B 9		TOSCEA4	02	TXGN4A	01	1	TQ2	D2		22A		
01552		XA441	49		XA441	54			16B 9		SPIO12	14	TXGN6A	01	2	TQ2	D4		26B		
01605		XA441	50		XA441	56			16B 9		SPIO17	04	TXGN4A	01	2	TQ2	D2		23A		
07283		XA441	51								TXGN6A	11	TXGN6A	00	1	TQ2	D4		27B		
07245		XA441	52		XA445	50			16B 9		TXGN1A	08	TXGN1A	00	1	TQ2	D1		24A		
06830		XA441	53								TXAD0A	02	TXADRO	01	1	TQ2	E3		28B		
01553		XA441	54		XA442	53			16B 9		SPIO12	15	TXGN1A	01	1	TQ2	D1		25A		
06831		XA441	55		XA439	80			16B 9		TXAD1A	01	TXADRO	01	2	TQ2	E3		29B		
01606		XA441	56		XA440	55			16B 9		SPIO17	05	TXGN1A	01	2	TQ2	D1		26A		
06826		XA441	57		XA433	61			16B 9		TXADRO	01	TXADRO	00	1	TQ2	E3		30B	I/O ADDRESS FOR T	
00810		XA441	58								GND	01				TQ2			27A		
06822		XA441	59		XA444	41			16B 9		TXADE04	10	TXADEA	01	1	TQ2	E4		31B		
06980		XA441	60		XA409	70			16B 9		TXBSLA	02	TXBSLA	00	1	TQ2	E2		28A		
01609		XA441	61		XA440	64			16B 9		SPIO17	08	TXADEA	01	2	TQ2	E4		32B		
06988		XA441	62		XA445	70			16B 9		TXBSLOX	05	TXBSLA	01	1	TQ2	E2		29A		
06819		XA441	63		XA439	78			16B 9		TXADEA	03	TXADEA	00	1	TQ2	E4		33B		
01612		XA441	64		XA441	70			16B 9		SPIO17	11	TXBSLA	01	2	TQ2	E2		30A		
06953		XA441	65		XA440	72			16B 9		TXBIEA	01	TXBIE0	01	1	TQ2	F3		34B		
06872		XA441	66		XA409	68			16B 9		TXASLA	02	TXASLA	00	1	TQ2	E1		31A		
00811		XA441	67								GND	01				TQ2			40A		
06880		XA441	68		XA445	74			16B 9		TXASLOX	05	TXASLA	01	1	TQ2	E1		32A		
06956		XA441	69		XA443	23			16B 9		TXBIE0	01	TXBIE0	00	1	TQ2	F3		35A		
01613		XA441	70		XA441	79			16B 9		SPIO17	12	TXASLA	01	2	TQ2	E1		33A		
06843		XA441	71								TXAIEA	03	TXAIE0	01	1	TQ2	F2		36A		
06853		XA441	72		XA444	40			16B 9		TXAIFO	01	TXAIFO	00	1	TQ2	F2		34A		
01617		XA441	73		XA441	74			16B 9		SPIO17	16	TXAIFO	01	2	TQ2	F2		36B		
01618		XA441	74		XA441	78			16B 9		SPIO17	17	TXBIE0	01	2	TQ2	F3		35B		
06852		XA441	75								TXAIE0	09	TXAIE0	00	1	TQ2	F1		37B		
CONNECTOR		XA441	CONTINUED ON THE NEXT PAGE ****																		

UNIT ASSEMBLY NAME CARD CAGE ASSY, A, IFCU														T39C1FC6				09-03-82		333		
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	MULTI GROUP	CODE	COLOR									IDENT	AND		
06955		XA441	76								TXBIEA	03	TXBIFO	01	1	TQ2	F4			37A		
06842		XA441	77		XA441	71		16B	9		TXAIEA	02	TXAIEO	01	1	TQ2	F1			38B		
01619		XA441	78		XA444	79		16B	9		SPI017	18	TXBIFO	01	2	TQ2	F4			38A		
01614		XA441	79		XA440	78		16B	9		SPI017	13	TXAIEO	01	2	TQ2	F1			39B		
06965		XA441	80		XA443	40		16B	9		TXBIFO	01	TXBIFO	00	1	TQ2	F4			39A		
00356		XA442	01								DNW	01				RR4						
00812		XA442	02								GND	01				RR4						
65618		XA442	02								G44202	06				RR4					B02	
00047		XA442	03		XA442	04		16B	9		+05RES	200				RR4	AP					
00048		XA442	04		XA442	14		16B	9		+05RES	205				RR4	AP					
06904		XA442	05		XA443	09		16B	9		TXA2CB4	02				RR4	A3					
01183		XA442	06		XA442	02		16B	9		G44202	05				RR4	AC				B02	
06913		XA442	07								TXA3CB4	04				RR4	A4					
06887		XA442	08		XA441	10		16B	9		TXA0CB4	03				RR4	A1					
06920		XA442	09								TXA4CB4	04				RR4	A5					
06897		XA442	10		XA443	01		16B	9		TXA1CB4	02				RR4	A2					
00357		XA442	11								DNW	01				RR4						
00135		XA442	12								+5V	01				RR4						
00046		XA442	13		XA442	21		16B	9		+05RES	215				RR4	BP					
00045		XA442	14		XA442	13		16B	9		+05RES	210				RR4	BP					
01184		XA442	15								DNW	01				RR4				KEYWAY	B06	
01185		XA442	16								DNW	01				RR4				KEYWAY	B06	
06860		XA442	17								TXAPCB4	04				RR4	B4					
01182		XA442	18		XA442	06		16B	9		G44202	04				RR4	BC				B02	
06812		XA442	19								TXACMB4	04				RR4	B5					
06925		XA442	20		XA443	14		16B	9		TXA5CB4	02				RR4	B1					
00043		XA442	21		XA442	22		16B	9		+05RES	220				RR4	CP					
00044		XA442	22		XA442	34		16B	9		+05RES	225				RR4	CP					
07314		XA442	23	1	XA348	15	1	16B	9		TXPRSB4	00C				RR4	C3				B02	
06940		XA442	24		XA441	25		16B	9		TXA7CB4	03				RR4	B3					
06875		XA442	25		XA348	03		16B	9		TXASLB4	00C				RR4	C4				B02	
06932		XA442	26		XA443	21		16B	9		TXA6CB4	02				RR4	B2					
00358		XA442	27								DNW	01				RR4						
00136		XA442	28								+5V	01				RR4						
06983		XA442	29		XA348	06		16B	9		TXBSLB4	00C				RR4	C5				B02	
01181		XA442	30		XA442	18		16B	9		G44202	03				RR4	CC				B02	
00359		XA442	31								DNW	01				RR4						
00813		XA442	32								GND	01				RR4						
65617		XA442	32		XA442	40		16B	9		G44202	01				RR4					B02	
00042		XA442	33		XA442	49		16B	9		+05RES	235				RR4	DP					
00041		XA442	34		XA442	33		16B	9		+05RES	230				RR4	DP					
01241		XA442	35								SPI001	34				RR4	D3					
06834		XA442	36		XA443	33		16B	9		TXAENB4	02				RR4	C1					
01265		XA442	37								SPI002	24				RR4	D4					
04770		XA442	38		XA539	22		16B	9		SPI031	00				RR4	C2				001	
01274		XA442	39		XA438	60		16B	9		SPI003	09				RR4	D5					
01180		XA442	40		XA442	30		16B	9		G44202	02				RR4	DC				B02	
01428		XA442	41		XA438	50		16B	9		SPI008	03				RR4	E5					
CONNECTOR XA442 CONTINUED ON THE NEXT PAGE ***																						

RECORD NUMBER	FROM				TO				MULTI GROUP	WIRE	SPEC INST. MISC	SIGNAL	SEQ NO	EQUATION	TERM	FACTOR	CKT OR CHIP TYPE	GROUP	LOAD OR POWER PLANE	TEST POINTS AND OR	SIGNAL DESCRIPTION	ECO NO
	PREFIX	CONNECTOR	PIN	DATE	PREFIX	CONNECTOR	PIN	DATE														
06883		XA442	42			XA445	80		168 9		TXASTDX4	01					RR4	D1				
00360		XA442	43								DNW	01					RR4					
00814		XA442	44								GND	01					RR4					
65624		XA442	44								G44244	21					RR4					
01390		XA442	45			XA428	42		168 9		SPI007	01					RR4	E4				CO1
06991		XA442	46			XA445	61		168 9		TXBSTDX4	01					RR4	D2				
01355		XA442	47			XA434	41		168 9		SPI006	01					RR4	E3				B02
01354		XA442	48								SPI005	25					RR4	E2				
00039		XA442	49			XA442	50		168 9		+05RES	240					RR4	EP				
00040		XA442	50			XA442	60		168 9		+05RES	245					RR4	EP				
01571		XA442	51			XA446	74		168 9		SPI013	02					RR4	F5				
01330		XA442	52								SPI004	31					RR4	E1				
01554		XA442	53			XA443	54		168 9		SPI012	16					RR4	F4				
01179		XA442	54			XA442	44		168 9		G44244	20					RR4	EC				CO1
01512		XA442	55			XA440	56		168 9		SPI011	10					RR4	F3				
01468		XA442	56			XA432	10		168 9		SPI010	01					RR4	F2				
01186		XA442	57								DNW	01					RR4					
01187		XA442	58								DNW	01					RR4					
00038		XA442	59			XA442	69		168 9		+05RES	255					RR4	FP				
00037		XA442	60			XA442	59		168 9		+05RES	250					RR4	FP				
01664		XA442	61			XA445	71		168 9		SPI018	32					RR4	G5				
01461		XA442	62			XA438	49		168 9		SPI009	01					RR4	F1				
01611		XA442	63			XA441	64		168 9		SPI017	10					RR4	G4				
01178		XA442	64			XA442	54		168 9		G44244	19					RR4	FC				CO1
01601		XA442	65								SPI016	02					RR4	G3				
01598		XA442	66			XA438	46		168 9		SPI015	12					RR4	G2				
00815		XA442	67								GND	01					RR4					
65619		XA442	67			XA442	77		168 9		G44244	01					RR4					B02
00361		XA442	68								DNW	01					RR4					
00035		XA442	69			XA442	70		168 9		+05RES	260					RR4	GP				
00036		XA442	70			XA442	80		168 9		+05RES	265					RR4	GP				
01829		XA442	71								SPI023	25					RR4	H5				
01583		XA442	72			XA438	51		168 9		SPI014	01					RR4	G1				
01770		XA442	73			XA516	71		168 9		SPI022	01					RR4	H4				
01177		XA442	74			XA442	64		168 9		G44244	18					RR4	GC				CO1
01769		XA442	75								SPI021	34					RR4	H3				
01735		XA442	76								SPI020	36					RR4	H2				
01176		XA442	77			XA442	74		168 9		G44244	17					RR4	HC				CO1
01699		XA442	78								SPI019	33					RR4	H1				
00034		XA442	79			XA346	79		168 9		+05RES	275					RR4	HP				
00033		XA442	80			XA442	79		168 9		+05RES	270					RR4	HP				
06898		XA443	01			XA444	01		168 9	P	TXB1CD	03	TXA1CB4	02	1	TLD	A2			02B		
07000		XA443	01							J	TXB1CD	01	TXB1CD	00	1	TLD	A2			02B		
00816		XA443	02								GND	01				TLD			01A			TXA1CB4 BUSS
06962		XA443	03			XA443	04		168 9		TXB1E0	07	TXB2CD	01	1	TLD	A3			02A		
06963		XA443	04			XA443	08		168 9		TXB1E0	08	TXB1CD	01	1	TLD	A2			04A		
07001		XA443	05			XA445	15		168 9		TXB1COX	01	TXB1CD	01	2	TLD	A2			03B		
06886		XA443	06			XA442	08		168 9	P	TXB0CD	02	TXA0CB4	02	1	TLD	A1			05A		
CONNECTOR		XA443	CONTINUED ON THE NEXT PAGE ****																			

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	SHLD	MULTI GROUP	CODE	COLOR												
06993		XA443	06									J	TXB0CD	01	TXB0CD	00	1	TLD	A1	05A	TXA0CB4 BUSS	
07004		XA443	07		XA445	10			16B	9			TXB2COX	01	TXB2CD	01	2	TLD	A3	03A		
06964		XA443	08										TXB1EO	09	TXB0CD	01	1	TLD	A1	06A		
06905		XA443	09		XA444	09			16B	9		P	TXB2CD	03	TXA2CB4	02	1	TLD	A3	04B		
07003		XA443	09									J	TXB2CD	01	TXB2CD	00	1	TLD	A3	04B	TXA2CB4 BUSS	
06994		XA443	10		XA445	09			16B	9			TXB0COX	01	TXB0CD	01	2	TLD	A1	07A		
06961		XA443	11		XA443	03			16B	9			TXB1EO	06	TXB3CD	01	1	TLD	A4	05B		
00137		XA443	12										+5V	01				TLD				
07007		XA443	13		XA445	03			16B	9			TXB3COX	01	TXB3CD	01	2	TLD	A4	06B		
06926		XA443	14		XA444	14			16B	9		P	TXB5CD	03	TXA5CB4	02	1	TLD	B2	09A		
07012		XA443	14									J	TXB5CD	01	TXB5CD	00	1	TLD	B2	09A	TXA5CB4 BUSS	
06911		XA443	15		XA441	13			16B	9		P	TXB3CD	02	TXA3CB4	02	1	TLD	A4	07B		
07006		XA443	15									J	TXB3CD	01	TXB3CD	00	1	TLD	A4	07B	TXA3CB4 BUSS	
00817		XA443	16										GND	01				TLD		01B		
06960		XA443	17		XA443	11			16B	9			TXB1EO	05	TXB6CD	01	1	TLD	B3	08B		
06959		XA443	18		XA443	17			16B	9			TXB1EO	04	TXB5CD	01	1	TLD	B2	10A		
07016		XA443	19		XA445	40			16B	9			TXB6COX	01	TXB6CD	01	2	TLD	B3	09B		
07013		XA443	20		XA445	35			16B	9			TXB5COX	01	TXB5CD	01	2	TLD	B2	11A		
06933		XA443	21		XA444	21			16B	9		P	TXB6CD	03	TXA6CB4	02	1	TLD	B3	10B		
07015		XA443	21									J	TXB6CD	01	TXB6CD	00	1	TLD	B3	10B	TXA6CB4 BUSS	
06918		XA443	22		XA441	26			16B	9		P	TXB4CD	02	TXA4CB4	02	1	TLD	B1	12A		
07009		XA443	22									J	TXB4CD	01	TXB4CD	00	1	TLD	B1	12A	TXA4CB4 BUSS	
06957		XA443	23		XA443	24			16B	9			TXB1EO	02	TXB7CD	01	1	TLD	B4	11B		
06958		XA443	24		XA443	18			16B	9			TXB1EO	03	TXB4CD	01	1	TLD	B1	13A		
07019		XA443	25		XA445	30			16B	9			TXB7COX	01	TXB7CD	01	2	TLD	B4	12B		
07010		XA443	26		XA445	29			16B	9			TXB4COX	01	TXB4CD	01	2	TLD	B1	14A		
06939		XA443	27		XA442	24			16B	9		P	TXB7CD	02	TXA7CB4	02	1	TLD	B4	13B		
07018		XA443	27									J	TXB7CD	01	TXB7CD	00	1	TLD	B4	13B	TXA7CB4 BUSS	
00138		XA443	28										+5V	01				TLD				
06968		XA443	29										TXB1FO	04	TXBEND	01	1	TLD	C3	14B		
06810		XA443	30		XA441	36			16B	9		P	TXBCMD	02	TXACMB4	02	1	TLD	C2	15A		
06945		XA443	30									J	TXBCMD	01	TXBCMD	00	1	TLD	C2	15A	TXACMB4 BUSS	
06951		XA443	31		XA445	48			16B	9			TXBENOX	02	TXBEND	01	2	TLD	C3	15B		
00818		XA443	32										GND	01				TLD		21B		
06835		XA443	33		XA444	33			16B	9		P	TXBEND	03	TXAENB4	02	1	TLD	C3	16B		
06949		XA443	33									J	TXBEND	01	TXBEND	00	1	TLD	C3	16B	TXAENB4 BUSS	
06967		XA443	34		XA443	29			16B	9			TXB1FO	03	TXBCMD	01	1	TLD	C2	16A		
01631		XA443	35		XA444	37			16B	9			SPI017	30		01	1	TLD	C4	17B		
06947		XA443	36		XA445	57			16B	9			TXBCNOX	02	TXBCMD	01	2	TLD	C2	17A		
01568		XA443	37		XA444	35			16B	9			SPI012	30		01	2	TLD	C4	18B		
06858		XA443	38		XA441	42			16B	9		P	TXBPCD	02	TXAPCB4	02	1	TLD	C1	18A		
06969		XA443	38									J	TXBPCD	01	TXBPCD	00	1	TLD	C1	18A	TXAPCB4 BUSS	
08138		XA443	39									M	SPO001	01		00	1	TLD	C4	19B		
06966		XA443	40		XA443	34			16B	9			TXB1FO	02	TXBPCD	01	1	TLD	C1	19A		
01567		XA443	41		XA443	37			16B	9			SPI012	29		01	1	TLD	D3	22B		
06970		XA443	42		XA445	47			16B	9			TXBPCOX	01	TXBPCD	01	2	TLD	C1	20A		
01630		XA443	43		XA443	35			16B	9			SPI017	29		01	2	TLD	D3	23B		
00819		XA443	44										GND	01				TLD		27A		
08141		XA443	45									M	SPO004	01		00	1	TLD	D3	24B		
08140		XA443	46									M	SPO003	01		00	1	TLD	D2	21A		
CONNECTOR XA443 CONTINUED ON THE NEXT PAGE ***																						

UNIT ASSEMBLY NAME CARD CAGE ASSY, A, IFCU										T39C1FC6					09-03-82		336					
RECORD NUMBER	PREFIX	CONNECTOR	PIN	TO PREFIX	CONNECTOR	PIN	MULTI GROUP	CODE	COLOR	IDENT	SPEC. USE	SIGNAL	SEQ NO	EQUATION	TERM	FACTOR	CKT OR CHIP TYPE	GRPF	LOAD OR POWER PLANE	TEST POINTS	SIGNAL DESCRIPTION	ECO NO
																				IND OR		
06386		XA443	47		XA443	65		16B	9			UWDDHO	01	UWLCPD	01	1	TLD	D4		25B		D01
01629		XA443	48		XA443	43		16B	9			SPI017	28		01	1	TLD	D2		22A		
06419		XA443	49		XA540	24		16B	9			UWLCPQ	01	UWLCPD	01	2	TLD	D4		26B		D01
01566		XA443	50		XA443	41		16B	9			SPI012	28		01	2	TLD	D2		23A		
06322		XA443	51									UWLCPD	03	TWDBPB4	02	1	TLD	D4		27B		D01
06416		XA443	51								J	UWLCPD	01	UWLCPD	00	1	TLD	D4		27B	TWDBPB4 BUSS	D01
08139		XA443	52								M	SP0002	01		00	1	TLD	D1		24A		
06381		XA443	53		XA443	59		16B	9			UWDDGO	01	UWLC2D	01	1	TLD	E3		28B		D01
01555		XA443	54		XA444	55		16B	9			SPT012	17		01	1	TLD	D1		25A		
06437		XA443	55		XA540	35		16B	9			UWLC2Q	01	UWLC2D	01	2	TLD	E3		29B		D01
01628		XA443	56		XA443	48		16B	9			SPI017	27		01	2	TLD	O1		26A		
06342		XA443	57								P	UWLC2D	03	TWDB2B4	02	1	TLD	E3		30B		D01
06434		XA443	57								J	UWLC2D	01	UWLC2D	00	1	TLD	E3		30B	TWDB2B4 BUSS	D01
00820		XA443	58									GND	01				TLD			40A		
06382		XA443	59		XA443	62		16B	9			UWDDGO	02	UWLC3D	01	1	TLD	E4		31B		D01
06338		XA443	60								P	UWLC1D	03	TWDB1B4	02	1	TLD	E2		28A		D01
06428		XA443	60								J	UWLC1D	01	UWLC1D	00	1	TLD	E2		28A	TWDB1B4 BUSS	D01
06443		XA443	61		XA540	38		16B	9			UWLC3D	01	UWLC3D	01	2	TLD	E4		32B		D01
06383		XA443	62		XA443	68		16B	9			UWDDGO	03	UWLC1D	01	1	TLD	E2		29A		D01
06346		XA443	63								P	UWLC3D	03	TWDB3B4	02	1	TLD	E4		33B		D01
06440		XA443	63								J	UWLC3D	01	UWLC3D	00	1	TLD	E4		33B	TWDB3B4 BUSS	D01
06431		XA443	64		XA540	29		16B	9			UWLC1Q	01	UWLC1D	01	2	TLD	E2		30A		D01
06387		XA443	65		XA443	71		16B	9			UWDDHO	02	UWLC6D	01	1	TLD	F3		34B		D01
06334		XA443	66								P	UWLC0D	03	TWDB0B4	02	1	TLD	E1		31A		D01
06422		XA443	66								J	UWLC0D	01	UWLC0D	00	1	TLD	E1		31A	TWDB0B4 BUSS	D01
00821		XA443	67									GND	01				TLD					
06384		XA443	68		XA512	69		16B	9			UWDDGO	04	UWLC0D	01	1	TLD	E1		32A		D01
06358		XA443	69								P	UWLC6D	03	TWDB6B4	02	1	TLD	F3		35A		D01
06458		XA443	69								J	UWLC6D	01	UWLC6D	00	1	TLD	F3		35A	TWDB6B4 BUSS	D01
06425		XA443	70		XA540	18		16B	9			UWLC0Q	01	UWLC0D	01	2	TLD	E1		33A		D01
06388		XA443	71		XA443	77		16B	9			UWDDHO	03	UWLC5D	01	1	TLD	F2		36A		D01
06354		XA443	72								P	UWLC5D	03	TWDB5B4	02	1	TLD	E2		34A		D01
06452		XA443	72								J	UWLC5D	01	UWLC5D	00	1	TLD	F2		34A	TWDB5B4 BUSS	D01
06455		XA443	73		XA540	41		16B	9			UWLC5Q	01	UWLC5D	01	2	TLD	F2		36B		D01
06461		XA443	74		XA540	47		16B	9			UWLC6Q	01	UWLC6D	01	2	TLD	F3		35B		D01
06348		XA443	75		XA544	09		16B	9			UWLC4D	01	TWDB4B4	02	1	TLD	F1		37B		D01
06446		XA443	75								J	UWLC4D	01	UWLC4D	00	1	TLD	F1		37B	TWDB4B4 BUSS	D01
06390		XA443	76		XA512	80		16B	9			UWDDHO	05	UWLC7D	01	1	TLD	F4		37A		D01
06389		XA443	77		XA443	76		16B	9			UWDDHO	04	UWLC4D	01	1	TLD	F1		38B		D01
06467		XA443	78		XA540	52		16B	9			UWLC7Q	01	UWLC7D	01	2	TLD	F4		38A		D01
06449		XA443	79		XA540	30		16B	9			UWLC4Q	01	UWLC4D	01	2	TLD	F1		39B		D01
06362		XA443	80								P	UWLC7D	03	TWDB7B4	02	1	TLD	F4		39A		D01
06464		XA443	80								J	UWLC7D	01	UWLC7D	00	1	TLD	F4		39A	TWDB7B4 BUSS	D01
06899		XA444	01								P	TXA1CD	04	TXA1CB4	01	1	TLD	A2		02B		
06900		XA444	01								J	TXA1CD	01	TXA1CD	00	1	TLD	A2		02B	TXA1CB4 BUSS	
00822		XA444	02									GND	01				TLD			01A		
06844		XA444	03		XA444	04		16B	9			TXA1EO	01	TXA2CD	01	1	TLD	A3		02A		
06845		XA444	04		XA444	08		16B	9			TXA1EO	02	TXA1CD	01	1	TLD	A2		04A		
CONNECTOR		XA444	CONTINUED ON THE NEXT PAGE ****																			

RECORD NUMBER	FROM				TO				WIRE				IFC 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	WIRE	PREFIX	CONNECTOR	PIN	MULTI GROUP	CODE	COLOR	IDENT													
06901		XA444	05		XA446	15			16B	9			TXA1COX	01	TXA1CD	01	2	TLD	A2		03B			
06885		XA444	06		XA443	06			16B	9			TXA0CD	01	TXA0CB4	01	1	TLD	A1		05A	TXA0CB4 BUSS		
06889		XA444	06										TXA0CD	01	TXA0CD	00	1	TLD	A1		05A			
06908		XA444	07		XA446	10			16B	9			TXA2COX	01	TXA2CD	01	2	TLD	A3		03A			
06846		XA444	08		XA444	11			16B	9			TXA1EO	03	TXA0CD	01	1	TLD	A1		06A			
06906		XA444	09										TXA2CD	04	TXA2CB4	01	1	TLD	A3		04B			
06907		XA444	09										TXA2CD	01	TXA2CD	00	1	TLD	A3		04B	TXA2CB4 BUSS		
06890		XA444	10		XA446	09			16B	9			TXA0COX	01	TXA0CD	01	2	TLD	A1		07A			
06847		XA444	11		XA444	17			16B	9			TXA1EO	04	TXA3CD	01	1	TLD	A4		05B			
00139		XA444	12										+5V	01				TLD						
06915		XA444	13		XA446	03			16B	9			TXA3COX	01	TXA3CD	01	2	TLD	A4		06B			
06927		XA444	14										TXA5CD	04	TXA5CB4	01	1	TLD	B2		09A			
06928		XA444	14										TXA5CD	01	TXA5CD	00	1	TLD	B2		09A	TXA5CB4 BUSS		
06910		XA444	15		XA443	15			16B	9			TXA3CD	01	TXA3CB4	01	1	TLD	A4		07B	TXA3CB4 BUSS		
06914		XA444	15										TXA3CD	01	TXA3CD	00	1	TLD	A4		07B	TXA3CB4 BUSS		
00823		XA444	16										GND	01				TLD			01B			
06848		XA444	17		XA444	18			16B	9			TXA1EO	05	TXA6CD	01	1	TLD	B3		08B			
06849		XA444	18		XA444	24			16B	9			TXA1EO	06	TXA5CD	01	1	TLD	B2		10A			
06936		XA444	19		XA446	40			16B	9			TXA6COX	01	TXA6CD	01	2	TLD	B3		09B			
06929		XA444	20		XA446	35			16B	9			TXA5COX	01	TXA5CD	01	2	TLD	B2		11A			
06934		XA444	21										TXA6CD	04	TXA6CB4	01	1	TLD	B3		10B			
06935		XA444	21										TXA6CD	01	TXA6CD	00	1	TLD	B3		10B	TXA6CB4 BUSS		
06917		XA444	22		XA443	22			16B	9			TXA4CD	01	TXA4CB4	01	1	TLD	B1		12A			
06921		XA444	22										TXA4CD	01	TXA4CD	00	1	TLD	B1		12A	TXA4CB4 BUSS		
06851		XA444	23		XA441	75			16B	9			TXA1EO	08	TXA7CD	01	1	TLD	B4		11B			
06850		XA444	24		XA444	23			16B	9			TXA1EO	07	TXA4CD	01	1	TLD	B1		13A			
06943		XA444	25		XA446	30			16B	9			TXA7COX	01	TXA7CD	01	2	TLD	B4		12B			
06922		XA444	26		XA446	29			16B	9			TXA4COX	01	TXA4CD	01	2	TLD	B1		14A			
06938		XA444	27		XA443	27			16B	9			TXA7CD	01	TXA7CB4	01	1	TLD	B4		13B			
06942		XA444	27										TXA7CD	01	TXA7CD	00	1	TLD	B4		13B	TXA7CB4 BUSS		
00140		XA444	28										+5V	01				TLD						
06856		XA444	29										TXA1FO	04	TXAEND	01	1	TLD	C3		14B			
06809		XA444	30		XA443	30			16B	9			TXACMD	01	TXACMB4	01	1	TLD	C2		15A			
06813		XA444	30										TXACMD	01	TXACMD	00	1	TLD	C2		15A	TXACMB4 BUSS		
06839		XA444	31		XA446	48			16B	9			TXAENOX	02	TXAEND	01	2	TLD	C3		15B			
00824		XA444	32										GND	01				TLD			21B			
06836		XA444	33										TXAEND	04	TXAENB4	01	1	TLD	C3		16B			
06837		XA444	33										TXAEND	01	TXAEND	00	1	TLD	C3		16B	TXAENB4 BUSS		
06855		XA444	34		XA444	29			16B	9			TXA1FO	03	TXACMD	01	1	TLD	C2		16A			
01569		XA444	35										SPI012	31	TCILKD4	01	1	TLD	C4		17B			
06815		XA444	36		XA446	57			16B	9			TXACMOX	02	TXACMD	01	2	TLD	C2		17A			
01632		XA444	37										SPI017	31	TCILKD4	01	2	TLD	C4		18B			
06857		XA444	38		XA443	38			16B	9			TXAPCD	01	TXAPCB4	01	1	TLD	C1		18A			
06861		XA444	38										TXAPCD	01	TXAPCD	00	1	TLD	C1		18A	TXAPCB4 BUSS		
03688		XA444	39		XA547	75			16B	9			TCILKD4	01	TCILKD4	00	1	TLD	C4		19B	CABLE INTERLOCK DR02		
06854		XA444	40		XA444	34			16B	9			TXA1FO	02	TXAPCD	01	1	TLD	C1		19A			
06823		XA444	41		XA444	54			16B	9			TXADE04	11	TXBR0D1	01	1	TLD	D3		22B			
06862		XA444	42		XA446	47			16B	9			TXAPCOX	01	TXAPCD	01	2	TLD	C1		20A			
06974		XA444	43		XA444	49			16B	9			TXBR00	01	TXBR0D1	01	2	TLD	D3		23B			
00825		XA444	44										GND	01				TLD			27A			
CONNECTOR		XA444	CONTINUED ON THE NEXT PAGE ****																					

H78-14-1782

DATA SYSTEMS DIVISION
LITTON SYSTEMS INC.
LITTON INDUSTRIES

DRAWING NUMBER 149016-880

CONNECTOR UNIT ASSEMBLY NO. 149016

REV. E

INDEX

XA444

UNIT ASSEMBLY NAME CARD CAGE ASSY, A, IFCU

FILE IDENT T39C1FC6

DATE 09-03-82

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UNIT ASSEMBLY NAME CARD CAGE ASSY, A, IFCU										FILE IDENT T39C1FC6				DATE 09-03-82		PAGE 338					
RECORD NUMBER	FROM			TO			WIRE				SIGNAL	SEQ 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	IDEN.											
08563		XA444	44									XAR2AR	03			TLD			27A		B07
08564		XA444	44		XA451	24		16B	9			XAR2BR	00			TLD			27A		B07
08381		XA444	45		XA243	73		16B	9			TXBR001	01	TXBR001	00	1	TLD	D3	24B		
08357		XA444	46		XA243	72		16B	9			TXAR101	01	TXAR101	00	1	TLD	D2	21A		
06818		XA444	47		XA441	63		16B	9			TXADEA	02	TXBR101	01	1	TLD	D4	25B		
06817		XA444	48		XA444	47		16B	9			TXADEA	01	TXAR101	01	1	TLD	D2	22A		
06975		XA444	49		XA440	80		16B	9			TXBRQ0	02	TXBR101	01	2	TLD	D4	26B		
06866		XA444	50		XA444	56		16B	9			TXARQ0	01	TXAR101	01	2	TLD	D2	23A		
08382		XA444	51		XA243	74		16B	9			TXBR101	01	TXBR101	00	1	TLD	D4	27B		
08356		XA444	52		XA243	71		16B	9			TXAR001	01	TXAR001	00	1	TLD	D1	24A		
01627		XA444	53		XA443	56		16B	9			SPI017	26		01	1	TLD	E3	28B		
06824		XA444	54		XA547	73		16B	9			TXADE04	12	TXAR001	01	1	TLD	D1	25A		F04
01556		XA444	55		XA444	61		16B	9			SPI012	18		01	2	TLD	E3	29B		
06867		XA444	56		XA440	69		16B	9			TXARQ0	02	TXAR001	01	2	TLD	D1	26A		
08144		XA444	57								M	SP0007	01		00	1	TLD	E3	30B		
00826		XA444	58									GND	01				TLD		40A		
08565		XA444	58									XAR3AR	03				TLD		40A		B07
08566		XA444	58		XA451	26		16B	9			XAR3BR	00				TLD		40A		B07
01626		XA444	59		XA444	53		16B	9			SPI017	25		01	1	TLD	E4	31B		
08143		XA444	60								M	SP0006	01		00	1	TLD	E2	28A		
01557		XA444	61		XA444	62		16B	9			SPI012	19		01	2	TLD	E4	32B		
01558		XA444	62		XA444	68		16B	9			SPI012	20		01	1	TLD	E2	29A		
08145		XA444	63								M	SP0008	01		00	1	TLD	E4	33B		
01625		XA444	64		XA444	59		16B	9			SPI017	24		01	2	TLD	E2	30A		
01560		XA444	65		XA444	71		16B	9			SPI012	22		01	1	TLD	F3	34B		
08142		XA444	66								M	SP0005	01		00	1	TLD	F1	31A		
00827		XA444	67									GND	01				TLD				
01559		XA444	68		XA444	65		16B	9			SPI012	21		01	1	TLD	E1	32A		
08148		XA444	69								M	SP0011	01		00	1	TLD	F3	35A		
01624		XA444	70		XA444	64		16B	9			SPI017	23		01	2	TLD	E1	33A		
01561		XA444	71		XA444	77		16B	9			SPI012	23		01	1	TLD	F2	34A		
08147		XA444	72								M	SP0010	01		00	1	TLD	F2	34A		
01621		XA444	73		XA444	76		16B	9			SPI017	20		01	2	TLD	F2	36B		
01623		XA444	74		XA444	70		16B	9			SPI017	22		01	2	TLD	F3	35B		
08146		XA444	75								M	SP0009	01		00	1	TLD	F1	37B		
01622		XA444	76		XA444	74		16B	9			SPI017	21		01	1	TLD	F4	37A		
01562		XA444	77		XA444	78		16B	9			SPI012	24		01	1	TLD	F1	38B		
01563		XA444	78		XA445	73		16B	9			SPI012	25		01	2	TLD	F4	38A		
01620		XA444	79		XA444	73		16B	9			SPI017	19		01	2	TLD	F1	39B		
08149		XA444	80								M	SP0012	01		00	1	TLD	F4	39A		
08396		XA445	01								J	TXB3CDX	01	TXB3CDX	00	1	DCF	A7	02A	TA03BB BUSS	
64910		XA445	01		XA447	50		16B	9		P	TXB3CDX	02	TA03BB	02	1	DCF	A7	02A		A01
08446		XA445	02	2	XA446	67	2	16B	9			TA03BR	02				DCF		01A		
08577		XA445	02									GND	01				DCF		01A		
07008		XA445	03									TXB3COX	02	TXB3COX	00	1	DCF	A8	03A		
07687		XA445	04		XA438	23		16B	9			TXS034U	02	TXB3COX	01	1	DCF	A8	04A		
08440		XA445	05	2	XA447	58	2	16B	9			TA00BR	02				DCF				
06997		XA445	06		XA445	36		16B	9			TXB0EA	02	TXB0CX	01	1	DCF	A1	05A		
	CONNECTOR	XA445			CONTINUED ON THE NEXT PAGE	***															

UNIT ASSEMBLY NAME CARD CAGE ASSY, A, IFCU										T39C1FC6										09-03-82		339	
RECORD NUMBER	FROM				TO				WIRE		SPEC INST MISC	SIGNAL	SEQ NO	EQUATION	TERM	FACTOR	CKT OR CHIP TYPE	GROUP	LOAD OP POWER PLANE	TEST POINTS AND OR	SIGNAL DESCRIPTION	ECO NO	
	PREFIX	CONNECTOR	PIN	#	PREFIX	CONNECTOR	PIN	MULTI GROUP	CODE	COLOR													IDENT
08385		XA445	06								M	TXB0EA	01	TXB3CDX	01	1	DCF	A7		05A			
08386		XA445	06								M	TXB0EA	01	TXB2CDX	01	1	DCF	A5		05A			
08387		XA445	06								M	TXB0EA	01	TXB1CDX	01	1	DCF	A3		05A			
08384		XA445	07								J	TXB0CDX	01	TXB0CDX	00	1	DCF	A1		02B	TA00BB BUSS		
64907		XA445	07		XA447	41			16B	9	P	TXB0CDX	02	TA00RB	02	1	DCF	A1		02B			
07683		XA445	08		XA438	21			16B	9		TXS033U	02	TXB2COX	01	1	DCF	A6		06A	A01		
06995		XA445	09									TXB0COX	02	TXB0COX	00	1	DCF	A2		03B			
07005		XA445	10									TXB2COX	02	TXB2COX	00	1	DCF	A6		07A			
07675		XA445	11		XA438	17			16B	9		TXS031U	02	TXB0COX	01	1	DCF	A2		04B			
00141		XA445	12									+5V	01				DCF			08A			
07680		XA445	13		XA446	13			16B	9		TXS032U	03	TXB1COX	01	1	DCF	A4		05B			
08395		XA445	14								J	TXB2CDX	01	TXB2CDX	00	1	DCF	A5		08B	TA02BB BUSS		
64909		XA445	14		XA447	47			16B	9	P	TXB2CDX	02	TA02BB	02	1	DCF	A5		08B			
07002		XA445	15									TXB1COX	02	TXB1COX	00	1	DCF	A4		06B	A01		
08444		XA445	16	1	XA446	67	1		16B	9		TA02BBR	02				DCF						
08578		XA445	16									GND	01				DCF						
08394		XA445	17								J	TXB1CDX	01	TXB1CDX	00	1	DCF	A3		07B	TA01BB BUSS		
64908		XA445	17		XA447	46			16B	9	P	TXB1CDX	02	TA01BB	02	1	DCF	A3		07B	A01		
00362		XA445	18									DNW	01				DCF						
08442		XA445	19	3	XA447	58	3		16B	9		TA01BBR	02				DCF						
00363		XA445	20									DNW	01				DCF						
08454		XA445	21		XA449	70			16B	9		TA07BBR	02				DCF						
00364		XA445	22									DNW	01				DCF						
08400		XA445	23								J	TXB7CDX	01	TXB7CDX	00	1	DCF	B7		10A	TA07BB BUSS		
64914		XA445	23		XA447	60			16B	9	P	TXB7CDX	02	TA07BB	02	1	DCF	B7		10A	A01		
00365		XA445	24									DNW	01				DCF						
08448		XA445	25	3	XA446	67	3		16B	9		TA04BBR	02				DCF						
00366		XA445	26									DNW	01				DCF						
08397		XA445	27								J	TXB4CDX	01	TXB4CDX	00	1	DCF	B1		10B	TA04BB BUSS		
64911		XA445	27		XA447	51			16B	9	P	TXB4CDX	02	TA04BB	02	1	DCF	B1		10B	A01		
00142		XA445	28									+5V	01				DCF			21B			
07011		XA445	29									TXB4COX	02	TXB4COX	00	1	DCF	B2		11B			
07020		XA445	30									TXB7COX	02	TXB7COX	00	1	DCF	B8		11A			
07691		XA445	31		XA438	24			16B	9		TXS471U	02	TXB4COX	01	1	DCF	B2		12B			
00828		XA445	32									GND	01				DCF						
07695		XA445	33		XA438	22			16B	9		TXS472U	02	TXB5COX	01	1	DCF	B4		13B			
07703		XA445	34		XA438	18			16B	9		TXS474U	02	TXB7COX	01	1	DCF	B8		12A			
07014		XA445	35									TXB5COX	02	TXB5COX	00	1	DCF	B4		14B			
06998		XA445	36		XA445	52			16B	9		TXB0EA	03	TXB4CDX	01	1	DCF	B1		13A			
08388		XA445	36								M	TXB0EA	01	TXB6CDX	01	1	DCF	B5		13A			
08389		XA445	36								M	TXB0EA	01	TXB5CDX	01	1	DCF	B3		13A			
08390		XA445	36								M	TXB0EA	01	TXB7CDX	01	1	DCF	B7		13A			
08398		XA445	37								J	TXB5CDX	01	TXB5CDX	00	1	DCF	B3		15B	TA05BB BUSS		
64912		XA445	37		XA447	54			16B	9	P	TXB5CDX	02	TA05BB	02	1	DCF	B3		15B	A01		
07699		XA445	38		XA438	20			16B	9		TXS473U	02	TXB6COX	01	1	DCF	B6		14A			
08450		XA445	39		XA449	02			16B	9		TA05BBR	02				DCF					A02	
07017		XA445	40									TXB6COX	02	TXB6COX	00	1	DCF	B6		15A			
08399		XA445	41								J	TXB6CDX	01	TXB6CDX	00	1	DCF	B5		16A	TA06BB BUSS		
64913		XA445	41		XA447	57			16B	9	P	TXB6CDX	02	TA06BB	02	1	DCF	B5		16A	A01		
08452		XA445	42	3	XA449	02	3		16B	9		TA06BBR	02				DCF			20B		B01	
CONNECTOR XA445 CONTINUED ON THE NEXT PAGE ****																							

RECORD NUMBER	FROM				TO				WIRE				SIGNAL	SEQ NO	EQUATION	TERM	FACTOR	CAT OR CHIP TYPE	GROUP	LOAD OR POWER PLANE	TEST POINTS AND/OR	SIGNAL DESCRIPTION	ECO NO
	PREFIX	CONNECTOR	PIN	SH-1	PREFIX	CONNECTOR	PIN	SH-1	MULTI GROUP	CODE	COLOR	IDENT											
08377		XA445	43									J	TXBENDX	01	TXBENDX	00	1	DCF	C7		25A	TAENBB BUSS	
64900		XA445	43			XA447	73		168	9		P	TXBENDX	02	TAENBB	02	1	DCF	C7		25A	TAENBB BUSS	A01
08434		XA445	44	3		XA449	70	3	168	9			TAENBBR	02				DCF					A01
08579		XA445	44										GND	01				DCF					
08438		XA445	45	1		XA447	58	1	168	9			TAOPBBR	02				DCF			27A		
08380		XA445	46									J	TXBPCDX	01	TXBPCDX	00	1	DCF	C1		25B	TAOPBB BUSS	
64902		XA445	46			XA447	40		168	9		P	TXBPCDX	02	TAOPBB	02	1	DCF	C1		25B		A01
06971		XA445	47										TXBPCOX	02	TXBPCOX	00	1	DCF	C2		26B		
06952		XA445	48										TXBENOX	03	TXBENOX	00	1	DCF	C8		26A		
07129		XA445	49			XA438	25		168	9			TXDSBPR	02	TXBPCOX	01	1	DCF	C2		27B		
07246		XA445	50			XA445	54		168	9			TXGNIA	09	TXBENOX	01	1	DCF	C8		28A		
07075		XA445	51			XA431	64		168	9			TXDBIO	02	TXBINOX	01	1	DCF	C4		28B		
06999		XA445	52										TXBOEA	04	TXBPCDX	01	1	DCF	C1		29A		
08391		XA445	52									M	TXBOEA	01	TXBINOX	01	1	DCF	C3		29A		
08392		XA445	52									M	TXBOEA	01	TXBENDX	01	1	DCF	C7		29A		
08393		XA445	52									M	TXBOEA	02	TXBCMDX	01	1	DCF	C5		29A		
08436		XA445	53	3		XA449	72	3	168	9			TAINBBR	02				DCF					B01
07247		XA445	54			XA446	54		168	9			TXGNIA	10	TXBCMOX	01	1	DCF	C6		30A		
08378		XA445	55									J	TXBINOX	01	TXBINOX	00	1	DCF	C3		30B	TAINBB BUSS	
64901		XA445	55			XA447	77		168	9		P	TXBINOX	02	TAINBB	02	1	DCF	C3		30B		A01
08379		XA445	56									M	TXBINOX	01	TXBINOX	00	1	DCF	C4		29B		
06948		XA445	57										TXBCMOX	03	TXBCMOX	00	1	DCF	C6		31A		
08432		XA445	58			XA449	72		168	9			TACMBBR	02				DCF					
08580		XA445	58										GND	01				DCF					
01152		XA445	59	2		XA347	16	2	168	9			TXBSTBG	01				DCF					C01
08376		XA445	60									J	TXBCMDX	01	TXBCMDX	00	1	DCF	C5		31B	TACMBB BUSS	
64899		XA445	60			XA447	76		168	9		P	TXBCMDX	02	TACMBB	02	1	DCF	C5		31B		A01
06992		XA445	61										TXBSTDX4	02	TXBSTDX400	1	1	DCF	D7		33A	PORT B STATUS DR I	
00367		XA445	62										DNW	01				DCF					
00368		XA445	63										DNW	01				DCF					
00369		XA445	64										DNW	01				DCF					
03396		XA445	65										SPO	01		00	1	DCF	D1		32B		
00370		XA445	66										DNW	01				DCF					
01155		XA445	67			XA448	70		168	9			GND4567	01				DCF					A01
08581		XA445	67										GND	01				DCF					
08383		XA445	68									M	TXBSTOX	01	TXBSTOX	00	1	DCF	D8		34A		
03397		XA445	69										SPO	01		00	1	DCF	D2		33B		
06989		XA445	70			XA446	68		168	9			TXBSLOX	06	TXBSTOX	01	1	DCF	D8		35A		
01665		XA445	71			XA446	72		168	9			SPIO18	33		01	1	DCF	D2		34B		
07250		XA445	72										TXGNIA	13	TXASTDX401	1	1	DCF	D5		36A		
08411		XA445	72										TXGNIA	01	TXBSTDX401	1	1	DCF	D7		36A		
01564		XA445	73			XA446	71		168	9		M	SPIO12	26		01	1	DCF	D4		35B		
06881		XA445	74			XA446	76		168	9			TXASLOX	06	TXASTOX	01	1	DCF	D6		37A		
03398		XA445	75										SPO	01		00	1	DCF	D4		36B		
08358		XA445	76									M	TXASTOX	01	TXASTOX	00	1	DCF	D6		38A		
01156		XA445	77										SPF	01				DCF					A02
03399		XA445	78										SPO	01		00	1	DCF	D3		37B		
01159		XA445	79			XA348	02		168	9			TXASTBG	01				DCF			40B		C02
06884		XA445	80										TXASTDX4	02	TXASTDX400	1	1	DCF	D5		38B	PORT A STATUS DR I	

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	OR	PREFIX	CONNECTOR	PIN	OR	MULTI GROUP	CODE	COLOR	IDENT												
08371		XA446	01										J	TXA3CDX	01	TXA3CDX	00	1	DCF	A7	02A	TA03AB BUSS		
64894		XA446	01		XA447	13			16B	9			P	TXA3CDX	02	TA03AB	02	1	DCF	A7	02A		A01	
08445		XA446	02	2	XA447	16	2		16B	9				TA03ABR	02				DCF		01A			
08582		XA446	02											GND	01				DCF		01A			
06916		XA446	03											TXA3COX	02	TXA3COX	00	1	DCF	A8	03A			
07686		XA446	04		XA445	04			16B	9				TXS034U	01	TXA3COX	01	1	DCF	A8	04A			
08439		XA446	05	2	XA447	02	2		16B	9				TA00ABR	02				DCF					
06893		XA446	06		XA446	36			16B	9				TXA0EA	02	TXA0CDX	01	1	DCF	A1	05A			
08360		XA446	06									M	TXA0EA	01	TXA1CDX	01	1	DCF	A3		05A			
08361		XA446	06									M	TXA0EA	01	TXA3CDX	01	1	DCF	A7		05A			
08362		XA446	06									M	TXA0EA	01	TXA2CDX	01	1	DCF	A5		05A			
08359		XA446	07									J	TXA0CDX	01	TXA0CDX	00	1	DCF	A1		02B	TA00AB BUSS		
64891		XA446	07		XA447	04			16B	9			P	TXA0CDX	02	TA00AB	02	1	DCF	A1	02B		A01	
07682		XA446	08		XA445	08			16B	9				TXS033U	01	TXA2COX	01	1	DCF	A6	06A			
06891		XA446	09											TXA0COX	02	TXA0COX	00	1	DCF	A2	03B			
06909		XA446	10											TXA2COX	02	TXA2COX	00	1	DCF	A6	07A			
07674		XA446	11		XA445	11			16B	9				TXS031U	01	TXA0COX	01	1	DCF	A2	04B			
00143		XA446	12											+5V	01				DCF		08A			
07681		XA446	13											TXS032U	04	TXA1COX	01	1	DCF	A4	05B			
08370		XA446	14									J	TXA2CDX	01	TXA2CDX	00	1	DCF	A5	08B	TA02AB BUSS			
64893		XA446	14		XA447	08			16B	9			P	TXA2CDX	02	TA02AB	02	1	DCF	A5	08B		A01	
06902		XA446	15											TXA1COX	02	TXA1COX	00	1	DCF	A4	06B			
08443		XA446	16	1	XA447	16	1		16B	9				TA02ABR	02				DCF					
08583		XA446	16											GND	01				DCF					
08369		XA446	17									J	TXA1CDX	01	TXA1CDX	00	1	DCF	A3	07B	TA01AB BUSS			
64892		XA446	17		XA447	05			16B	9			P	TXA1CDX	02	TA01AB	02	1	DCF	A3	07B		A01	
00371		XA446	18											DNW	01				DCF					
08441		XA446	19	3	XA447	02	3		16B	9				TA01ABR	02				DCF					
00372		XA446	20											DNW	01				DCF					
08453		XA446	21	3	XA447	32	3		16B	9				TA07ABR	02				DCF					
00373		XA446	22											DNW	01				DCF					
08375		XA446	23									J	TXA7COX	01	TXA7COX	00	1	DCF	B7	10A	TA07AB BUSS			
64898		XA446	23		XA447	21			16B	9			P	TXA7COX	02	TA07AB	02	1	DCF	B7	10A		A01	
00374		XA446	24											DNW	01				DCF					
08447		XA446	25	3	XA447	16	3		16B	9				TA04ABR	02				DCF					
00375		XA446	26											DNW	01				DCF					
08372		XA446	27									J	TXA4CDX	01	TXA4CDX	00	1	DCF	B1	10B	TA04AB BUSS			
64895		XA446	27		XA447	14			16B	9			P	TXA4CDX	02	TA04AB	02	1	DCF	B1	10B		A01	
00144		XA446	28											+5V	01				DCF		21B			
06923		XA446	29											TXA4COX	02	TXA4COX	00	1	DCF	B2	11B			
06944		XA446	30											TXA7COX	02	TXA7COX	00	1	DCF	B8	11A			
07690		XA446	31		XA445	31			16B	9				TXS471U	01	TXA4COX	01	1	DCF	B2	12B			
00829		XA446	32											GND	01				DCF					
08476		XA446	32											UMALFDR	05				DCF				D01	
07694		XA446	33		XA445	33			16B	9				TXS472U	01	TXA5COX	01	1	DCF	B4	13B			
07702		XA446	34		XA445	34			16B	9				TXS474U	01	TXA7COX	01	1	DCF	B8	12A			
06930		XA446	35											TXA5COX	02	TXA5COX	00	1	DCF	B4	14B			
06894		XA446	36		XA446	52			16B	9				TXA0EA	03	TXA4CDX	01	1	DCF	B1	13A			
08363		XA446	36									M	TXA0EA	01	TXA5COX	01	1	DCF	B3		13A			
08364		XA446	36									M	TXA0EA	01	TXA6CDX	01	1	DCF	B5		13A			
CONNECTOR		XA446	CONTINUED ON THE NEXT PAGE										****											

RECORD NUMBER	FROM			MULTI GROUP	TO			WIRE			SPE INST WIRE	SIGNAL	SEQ NO	EQUATION	TERM	FACTOR	CKT OR CHIP TYPE	GROUP	LOAD OR POWER PLANE	TEST POINTS AND OR	SIGNAL DESCRIPTION	ECO NO
	PREFIX	CONNECTOR	PIN		PREFIX	CONNECTOR	PIN	CODE	COLOR	IDEN.												
08365		XA446	36								M	TXAOEA	01	TXA7CDX	01	1	DCF	B7		13A		
08373		XA446	37								J	TXA5CDX	01	TXA5CDX	00	1	DCF	B3		15B	TA05AB BUSS	
64896		XA446	37		XA447	17		16B	9		P	TXA5CDX	02	TA05AB	02	1	DCF	B3		15B		A01
07698		XA446	38		XA445	38		16B	9			TXS473U	01	TXA6COX	01	1	DCF	B6		14A		
08449		XA446	39	1	XA447	32	1	16B	9			TA05ABR	02				DCF					
06937		XA446	40									TXA6COX	02	TXA6COX	00	1	DCF	B6		15A		
08374		XA446	41								J	TXA6CDX	01	TXA6CDX	00	1	DCF	B5		16A	TA06AB BUSS	
64897		XA446	41		XA447	20		16B	9		P	TXA6CDX	02	TA06AB	02	1	DCF	B5		16A		A01
08451		XA446	42	2	XA447	32	2	16B	9			TA06ABR	02				DCF			20B		
08352		XA446	43								J	TXAENDX	01	TXAENDX	00	1	DCF	C7		25A	TAENAB BUSS	
64884		XA446	43		XA447	33		16B	9		P	TXAENDX	02	TAENAB	02	1	DCF	C7		25A		A01
08433		XA446	44	2	XA447	44	2	16B	9			TAENABR	02				DCF					
08584		XA446	44									GND	01				DCF					
08437		XA446	45	1	XA447	02	1	16B	9			TAOPABR	02				DCF			27A		
08355		XA446	46								J	TXAPCDX	01	TXAPCDX	00	1	DCF	C1		25B	TAOPAB BUSS	
64886		XA446	46		XA447	01		16B	9		P	TXAPCDX	02	TAOPAB	02	1	DCF	C1		25B		A01
06863		XA446	47									TXAPCOX	02	TXAPCOX	00	1	DCF	C2		26B		
06840		XA446	48									TXAENOX	03	TXAENOX	00	1	DCF	C8		26A		
07128		XA446	49		XA445	49		16B	9			TXDSBPR	01	TXAPCOX	01	1	DCF	C2		27B		
07249		XA446	50		XA445	72		16B	9			TXGN1A	12	TXAENOX	01	1	DCF	C8		28A		
07074		XA446	51		XA445	51		16B	9			TXDBTO	01	TXAINOX	01	1	DCF	C4		28B		
06895		XA446	52									TXAOEA	04	TXAPCDX	01	1	DCF	C1		29A		
08366		XA446	52								M	TXAOEA	01	TXACMDX	01	1	DCF	C5		29A		
08367		XA446	52								M	TXAOEA	01	TXAINDX	01	1	DCF	C3		29A		
08368		XA446	52								M	TXAOEA	01	TXAENDX	01	1	DCF	C7		29A		
08435		XA446	53	3	XA447	44	3	16B	9			TAINABR	02				DCF					
07248		XA446	54		XA446	50		16B	9			TXGN1A	11	TXACMOX	01	1	DCF	C6		30A		
08353		XA446	55								J	TXAINDX	01	TXAINDX	00	1	DCF	C3		30B	TAINAB BUSS	
64885		XA446	55		XA447	37		16B	9		P	TXAINDX	02	TAINAB	02	1	DCF	C3		30B		A01
08354		XA446	56								M	TXAINOX	01	TXAINOX	00	1	DCF	C4		29B		
06816		XA446	57									TXACMOX	03	TXACMOX	00	1	DCF	C6		31A		
01154		XA446	58									GND4567	07				DCF					A01
08431		XA446	58	1	XA447	44	1	16B	9			TACMABR	02				DCF					
08585		XA446	58									GND	01				DCF					
01153		XA446	59	3	XA348	02	3	16B	9			TXBSL BG	01				DCF					A02
08351		XA446	60								J	TXACMDX	01	TXACMDX	00	1	DCF	C5		31B	TACMAR BUSS	
64883		XA446	60		XA447	36		16B	9		P	TXACMDX	02	TACMAR	02	1	DCF	C5		31B		A01
06982		XA446	61									TXBSL DX	01	TXBSL DX	00	1	DCF	D7		33A	PORT B SELECT DRIB	B02
00376		XA446	62									DNW	01				DCF					
00377		XA446	63									DNW	01				DCF					
00378		XA446	64									DNW	01				DCF					
04769		XA446	65									UMALFDX	004	UMALFDX	00	1	DCF	D1		32B	MALEUNCTION RECEIVED	D01
00379		XA446	66									DNW	01				DCF					
08586		XA446	67									GND	01				DCF					
64874		XA446	67									TA02BBR	03				DCF					
64876		XA446	67									TA03BBR	03				DCF					
64878		XA446	67									TA04BBR	03				DCF					
06990		XA446	68									TXBSL OX	07	TXBSL OX	00	1	DCF	D8		34A		
04772		XA446	69								M	UMALFOX	02	UMALFOX	00	1	DCF	D2		33B		D01
01597		XA446	70		XA442	66		16B	9			SPIO15	11	TXBSL OX	01	1	DCF	D8		35A		
CONNECTOR		XA446	CONTINUED ON THE NEXT PAGE ****																			

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DATA SYSTEMS DIVISION
LITTON SYSTEMS INC.
LITTON INDUSTRIES

DRAWING NUMBER 149016-880

UNIT ASSEMBLY NAME CARD CAGE ASSY, A, IFCU

CONNECTOR

UNIT ASSEMBLY NO. 149016

FILE IDENT

T39C1FC6

REV. E

DATE 09-03-82

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RECORD NUMBER	FROM			TO			WIRE				SFC INST	SIGNAL	SEQ NO	EQUATION	TERM	FACTOR	CKT OR CHIP TYPE	GROUP	LOAD OP POWER PLANE	TEST POINTS AND OR	SIGNAL DESCRIPTION	ECO NO
	PREFIX	CONNECTOR	PIN	PREFIX	CONNECTOR	PIN	WIRE NO	MULTI GROUP	CODE	COLOR												
01565		XA446	71		XA443	50			16B	9		SPIO12	27	UMALFOX	01	1	DCF	D2		34B		D01
01666		XA446	72								SPIO18	34	UMALEDX	01	1	DCF	D1			34A		D01
08111		XA446	72								SPIO18	01	TXASLDX	40	1	DCF	D5			36A		
08112		XA446	72								SPIO18	01	TXPRSDX	01	1	DCF	D3			36A		
08113		XA446	72								SPIO18	01	TXBSDLX	01	1	DCF	D7			36A		
01426		XA446	73		XA436	06			16B	9		SPIO08	01	TXPRSOX	01	1	DCF	D4		35B		A01
01572		XA446	74		XA546	08			16B	9		SPIO13	03	TXASLOX	01	1	DCF	D6		37A		
07316		XA446	75								TXPRSOX	02	TXPRSOX	00	1	DCF	D4			36B		
06882		XA446	76								TXASLOX	07	TXASLOX	00	1	DCF	D6			38A		
01157		XA446	77	3	XA347	16	3		16B	9		TXPRSBG	01			DCF						C02
07313		XA446	78								TXPRSDX	01	TXPRSDX	00	1	DCF	D3			37B	PORT RESET DRI/R	B02
01158		XA446	79	2	XA348	02	2		16B	9		TXASLBG	01			DCF				40B		B01
06874		XA446	80								TXASLDX4	01	TXASLDX4	400	1	DCF	D5			38B	PORT A SELECT DR	B02
02644		XA447	01								TAOPAB	03				SHT						B04
00830		XA447	02								GND	01				SHT						B04
64867		XA447	02								TAOPABR	03				SHT						B04
64869		XA447	02								TAO0ABR	03				SHT						B04
64871		XA447	02								TAO1ABR	03				SHT						B04
02645		XA447	03								XAOPAB	03				SHT						B04
02646		XA447	04								TAOQAB	03				SHT						B04
02647		XA447	05								TAO1AB	03				SHT						B04
02648		XA447	06								XAQ0AB	03				SHT						B04
02649		XA447	07								XA01AB	03				SHT						B04
02650		XA447	08								TAO2AB	03				SHT						B04
02651		XA447	09								SPP	01				SHT						B04
02652		XA447	10								XAQ2AB	03				SHT						B04
02653		XA447	11								DNW	01				SHT					KEYWAY	B06
00145		XA447	12								DNW	01				SHT					KEYWAY	B06
02654		XA447	13								TAO3AB	03				SHT						B04
02655		XA447	14								TAO4AB	03				SHT						B04
02656		XA447	15								XA03AB	03				SHT						B04
00831		XA447	16								GND	01				SHT						B04
64873		XA447	16								TAO2ABR	03				SHT						B04
64875		XA447	16								TAO3ABR	03				SHT						B04
64877		XA447	16								TAO4ABR	03				SHT						B04
02657		XA447	17								TAQ5AB	03				SHT						B04
02658		XA447	18								XA04AB	03				SHT						B04
02659		XA447	19								XAQ5AB	03				SHT						B04
02660		XA447	20								TAO6AB	03				SHT						B04
02661		XA447	21								TAQ7AB	03				SHT						B04
02662		XA447	22								XA06AB	03				SHT						B04
02663		XA447	23								XAQ7AB	03				SHT						B04
02664		XA447	24		XA444	52			16B	9		TXAR0D1	00			SHT						B04
02665		XA447	25		XA444	46			16B	9		TXAR1D1	00			SHT						B04
02666		XA447	26								XAR2AB	03				SHT						B07
02667		XA447	27								XAR3AB	03				SHT						B07
00146		XA447	28								+5V	01				SHT						B04
02668		XA447	29								LXAR6D1	03				SHT						B04
CONNECTOR		XA447	CONTINUED ON THE NEXT PAGE ****																			

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DATA SYSTEMS DIVISION
LITTON SYSTEMS INC.
LITTON INDUSTRIES

DRAWING NUMBER 149016-880

UNIT ASSEMBLY NAME CARD CAGE ASSY, A, IFCU

CONNECTOR

UNIT ASSEMBLY NO. 149016

FILE IDENT

T39C1FC6

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RECORD NUMBER	FROM				TO				WIRE				SIGNAL	SEQ NO	EQUATION	TERM	FACTOR	CKT OR CHIP TYPE	GROUP	LOAD OR POWER PLANE	TEST POINTS		SIGNAL DESCRIPTION	ECO NO
	PREFIX	CONNECTOR	PIN	SH L	PREFIX	CONNECTOR	PIN	SH L	MULTI GROUP	CODE	COLOR	IDENT									INSTR	INSTR		
02669		XA447	30										LXAR7D1	03				SHT					B04	
02670		XA447	31										XAR6AB	03				SHT					B04	
00832		XA447	32										GND	01				SHT					B04	
64879		XA447	32										TA05ABR	03				SHT					B04	
64880		XA447	32										TA06ABR	03				SHT					B04	
64881		XA447	32										TA07ABR	03				SHT					B04	
02671		XA447	33										TAENAB	03				SHT					B04	
02672		XA447	34										XAR7AB	03				SHT					B04	
02673		XA447	35										XAENAB	03				SHT					B04	
02674		XA447	36										TACMAB	03				SHT					B04	
02675		XA447	37										TAINAB	03				SHT					B04	
02676		XA447	38										XACMAB	03				SHT					B04	
02677		XA447	39										XAINAB	03				SHT					B04	
02678		XA447	40										TAOPBB	03				SHT					B04	
02679		XA447	41										TA00BB	03				SHT					B04	
02680		XA447	42										XAOPBB	03				SHT					B04	
02681		XA447	43										XA00BB	03				SHT					B04	
00833		XA447	44										GND	01				SHT					B04	
64861		XA447	44										TACMABR	03				SHT					B04	
64863		XA447	44										TAENABR	03				SHT					B04	
64865		XA447	44										TAINABR	03				SHT					B04	
02682		XA447	45										SPP	01				SHT					B04	
02683		XA447	46										TA01BB	03				SHT					B04	
02684		XA447	47										TA02BB	03				SHT					B04	
02685		XA447	48										XA01BB	03				SHT					B04	
02686		XA447	49										XA02BB	03				SHT					B04	
02687		XA447	50										TA03BB	03				SHT					B04	
02688		XA447	51										TA04BB	03				SHT					B04	
02689		XA447	52										XA03BB	03				SHT					B04	
02690		XA447	53										XA04BB	03				SHT					B04	
02691		XA447	54										TA05BB	03				SHT					B04	
02692		XA447	55										SPP	01				SHT					B04	
02693		XA447	56										XA05BB	03				SHT					B04	
02694		XA447	57										TA06BB	03				SHT					B04	
00834		XA447	58										GND	01				SHT					B04	
64868		XA447	58										TAOPBBR	03				SHT					B04	
64870		XA447	58										TA00BBR	03				SHT					B04	
64872		XA447	58										TA01BBR	03				SHT					B04	
02695		XA447	59										XA06BB	03				SHT					B04	
02696		XA447	60										TA07BB	03				SHT					B04	
02697		XA447	61			XA444	45			16B	9		TXBR0D1	00				SHT					B04	
02698		XA447	62										XA07BB	03				SHT					B04	
02699		XA447	63			XA451	23			16B	9		XAR2BB	00				SHT					B07	
02700		XA447	64			XA444	51			16B	9		TXBR1D1	00				SHT					B07	
02701		XA447	65										SPP	01				SHT					B07	
02702		XA447	66			XA451	25			16B	9		XAR3BB	00				SHT					B07	
00835		XA447	67										DNW	01				SHT				KEYWAY	B06	
02703		XA447	68										DNW	01				SHT				KEYWAY	B06	
02704		XA447	69										LXBR6D1	03				SHT					B04	
02705		XA447	70										SPP	01				SHT					B04	
CONNECTOR		XA447	CONTINUED ON THE NEXT PAGE ****																					

RECORD NUMBER		FROM			TO			WIRE				SIGNAL		SEQ NO	EQUATION	TERM	FACTOR	CT 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	SPEC INST. MISC											
02706	XA447	71											XAR6BB	03			SHT						B04
02707	XA447	72											LXBR7D1	03			SHT						B04
02708	XA447	73											TAENBB	03			SHT						B04
02709	XA447	74											XAR7BB	03			SHT						B04
02710	XA447	75											XAENBB	03			SHT						B04
02711	XA447	76											TACMBB	03			SHT						B04
02712	XA447	77											TAINBB	03			SHT						B04
02713	XA447	78											XACMBB	03			SHT						B04
02714	XA447	79											XAINBB	03			SHT						B04
02715	XA447	80											SPP	01			SHT						B04
02716	XA448	01											TXADEB	03			EXT						E04
00836	XA448	02	3		XA446	58	3		168	9			GND4567	06			EXT						B04
02717	XA448	03			XA450	03			168	9			TYASLB	01			EXT						B04
02718	XA448	04			XA450	04			168	9			TYASLG	01			EXT						E06
02719	XA448	05			XA450	05			168	9			TYBSLB	01			EXT						B04
02720	XA448	06			XA450	06			168	9			TYBSLG	01			EXT						E06
02721	XA448	07			XA450	07			168	9			TYASTB	01			EXT						B04
02722	XA448	08			XA450	08			168	9			TYASTG	01			EXT						E06
02723	XA448	09			XA450	09			168	9			TYBSTB	01			EXT						B04
02724	XA448	10			XA450	10			168	9			TYBSTG	01			EXT						E06
02725	XA448	11											SPP	01			EXT						B04
00147	XA448	12											SPP	01			EXT						B04
02726	XA448	13			XA450	13			168	9			TYPR5B	01			EXT						B04
02727	XA448	14			XA450	14			168	9			TYPR5G	01			EXT						E06
02728	XA448	15											+5V1B1	02			EXT						B04
00837	XA448	16											+5V1B1R	02			EXT						B04
02729	XA448	17											+5V1B2	02			EXT						B04
02730	XA448	18											+5V1B2R	02			EXT						B04
02731	XA448	19											+5V1B3	02			EXT						B04
02732	XA448	20											+5V1B3R	02			EXT						B04
02733	XA448	21											+5V2B1	02			EXT						B04
02734	XA448	22											+5V2B1R	02			EXT						B04
02735	XA448	23											+5V2B2	02			EXT						B04
02736	XA448	24											+5V2B2R	02			EXT						B04
02737	XA448	25											+5V2B3	02			EXT						B04
02738	XA448	26											+5V2B3R	02			EXT						B04
02739	XA448	27											SPP	01			EXT						B04
00148	XA448	28											SPP	01			EXT						B04
02740	XA448	29			XA450	29			168	9			DXASLB	01			EXT						B04
02741	XA448	30			XA450	30			168	9			DXASLG	01			EXT						E06
02742	XA448	31											SPP	01			EXT						B04
00838	XA448	32											SPP	01			EXT						B04
02743	XA448	33			XA450	33			168	9			DXBSLB	01			EXT						B04
02744	XA448	34			XA450	34			168	9			DXBSLG	01			EXT						E06
02745	XA448	35			XA450	35			168	9			DXASTB	01			EXT						B04
02746	XA448	36			XA450	36			168	9			DXASTG	01			EXT						E06
02747	XA448	37			XA450	37			168	9			DXBSTB	01			EXT						B04
02748	XA448	38			XA450	38			168	9			DXBSTG	01			EXT						E06
CONNECTOR		XA448	CONTINUED ON THE NEXT PAGE ****																				

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DATA SYSTEMS DIVISION
LITTON SYSTEMS INC.
LITTON INDUSTRIES

DRAWING NUMBER 149016-880

UNIT ASSEMBLY NAME CARD CAGE ASSY, A, IFCU

CONNECTOR

UNIT ASSEMBLY NO. 149016

FILE IDENT

T39C1FC6

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RECORD NUMBER	FROM			TO			WIRE				SIGNAL	SEQ NO	EQUATION	TERM	FACTOR	CXT OR CHIP TYPE	GROUP	LOAD OR POWER PLANE	TEST POINTS AND OR	SIGNAL DESCRIPTION	FCO NO
	PREFIX	CONNECTOR	PIN	PREFIX	CONNECTOR	PIN	SIZE	MULTI GROUP	CODE	COLOR											
02749		XA448	39		XA450	39			16B	9		DXPRSB	01			EXT				B04	
02750		XA448	40		XA450	40			16B	9		DXPRSG	01			EXT				B04	
02751		XA448	41									SPP	01			EXT				B04	
02752		XA448	42									SPP	01			EXT				B04	
02753		XA448	43									SPP	01			EXT				B04	
00839		XA448	44									SPP	01			EXT				B04	
02754		XA448	45									SPP	01			EXT				B04	
02755		XA448	46									SPP	01			EXT				B04	
02756		XA448	47									SPP	01			EXT				B04	
02757		XA448	48									SPP	01			EXT				B04	
02758		XA448	49									KCIFLTB	02			EXT				B04	
02759		XA448	50		XA448	02			16B	9		GND4567	05			EXT				B04	
02760		XA448	51									KIFONB	02			EXT				B04	
02761		XA448	52		XA448	50			16B	9		GND4567	04			EXT				B04	
02762		XA448	53									SPP	01			EXT				B04	
02763		XA448	54									SPP	01			EXT				B04	
02764		XA448	55									SPP	01			EXT				B04	
02765		XA448	56									SPP	01			EXT				B04	
02766		XA448	57		XA148	73			16B	9		+5VMEM1	01			EXT				C04	
00840		XA448	58		XA148	74			16B	9		+5VMEM1R	01			EXT				C04	
02767		XA448	59		XA148	75			16B	9		+5VMEM2	01			EXT				C04	
02768		XA448	60		XA148	76			16B	9		+5VMEM2R	01			EXT				C04	
02769		XA448	61		XA148	77			16B	9		+5VMEM3	01			EXT				C04	
02770		XA448	62		XA148	78			16B	9		+5VMEM3R	01			EXT				C04	
02771		XA448	63									SPP	01			EXT				B04	
02772		XA448	64									SPP	01			EXT				B04	
02773		XA448	65									SPP	01			EXT				B04	
02774		XA448	66									SPP	01			EXT				B04	
00841		XA448	67		XA448	69			16B	9		+5AXIFB	03			EXT				B04	
02775		XA448	68		XA448	52			16B	9		GND4567	03			EXT				B04	
02776		XA448	69									+5AXIFB	04			EXT				B04	
02777		XA448	70		XA448	68			16B	9		GND4567	02			EXT				B04	
02778		XA448	71									SPP	01			EXT				B04	
02779		XA448	72									SPP	01			EXT				B04	
02780		XA448	73									SPP	01			EXT				B04	
02781		XA448	74									SPP	01			EXT				B04	
02782		XA448	75									SPP	01			EXT				B04	
02783		XA448	76									SPP	01			EXT				B04	
02784		XA448	77									SPP	01			EXT				B04	
02785		XA448	78									SPP	01			EXT				B04	
02786		XA448	79									WIFCON	03			EXT				B04	
02787		XA448	80									SPP	01			EXT				B04	
03292		XA449	01									SPP	01			EXT				B04	
01146		XA449	02									GND	01			EXT				B04	
55564		XA449	02									TA05BBR	03			EXT				B04	
55565		XA449	02									TA06BBR	03			EXT				B04	
03293		XA449	03		XA547	17			16B	9		TRDBPDX4	00			EXT				B04	
03294		XA449	04		XA546	45			16B	9		TRDBPDR	00			EXT				B04	
CONNECTOR		XA449	CONTINUED ON THE NEXT PAGE ****																		

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	USE	PREFIX	CONNECTOR	PIN	USE	MULTI GROUP	CODE	COLOR	IDENT									SPEC INST	AND		
08455		XA449	04										GND					EXT					B04	
03295		XA449	05		XA547	08				168	9		TRDB0DX4	00				EXT					B04	
03296		XA449	06		XA546	05				168	9		TRDB0DR	00				EXT					B04	
08456		XA449	06										GND					EXT					B04	
03297		XA449	07		XA547	10				168	9		TRDB1DX4	00				EXT					B04	
03298		XA449	08		XA546	19				168	9		TRDB1DR	00				EXT					B04	
08457		XA449	08										GND					EXT					B04	
03299		XA449	09		XA547	05				168	9		TRDB2DX4	00				EXT					B04	
03300		XA449	10		XA546	16				168	9		TRDB2DR	00				EXT					B04	
03301		XA449	11										SPP	01				EXT					B04	
00255		XA449	12										GND	01				EXT					B04	
03302		XA449	13		XA547	23				168	9		TRDY1DX4	00				EXT					B04	
03303		XA449	14		XA546	67				168	9		TRDY1DR	00				EXT					B04	
08458		XA449	14										GND					EXT					B04	
03304		XA449	15										SPP	01				EXT					B04	
01147		XA449	16										GND	01				EXT					B04	
03305		XA449	17		XA547	41				168	9		TFPR1DX4	00				EXT					D01	
03306		XA449	18		XA545	45				168	9		TFPR1DR	00				EXT					D01	
08459		XA449	18										GND					EXT					B04	
03307		XA449	19		XA547	53				168	9		TREW1DX4	00				EXT					D01	
03308		XA449	20		XA545	67				168	9		TREW1DR	00				EXT					D01	
08460		XA449	20										GND					EXT					B04	
03309		XA449	21		XA547	52				168	9		TEOT1DX4	00				EXT					D01	
03310		XA449	22		XA545	25				168	9		TEOT1DR	00				EXT					D01	
08461		XA449	22										GND					EXT					B04	
03311		XA449	23		XA547	51				168	9		TADSBDX4	00				EXT					D01	
03312		XA449	24										GND	01				EXT					B04	
65643		XA449	24		XA545	77				168	9		TADSBDR	01				EXT					D01	
03313		XA449	25		XA547	07				168	9		TRDB3DX4	00				EXT					B04	
03314		XA449	26		XA546	02				168	9		TRDB3DR	00				EXT					B04	
08462		XA449	26										GND					EXT					B04	
03315		XA449	27										SPP	01				EXT					B04	
00256		XA449	28										GND	01				EXT					B04	
03316		XA449	29		XA547	09				168	9		TRDB4DX4	00				EXT					B04	
03317		XA449	30		XA546	25				168	9		TRDB4DR	00				EXT					B04	
08463		XA449	30										GND					EXT					B04	
03318		XA449	31										SPP	01				EXT					B04	
01148		XA449	32										GND	01				EXT					B04	
03319		XA449	33		XA547	20				168	9		TRDB5DX4	00				EXT					B04	
03320		XA449	34		XA546	39				168	9		TRDB5DR	00				EXT					B04	
08464		XA449	34										GND					EXT					B04	
03321		XA449	35		XA547	26				168	9		TRDB6DX4	00				EXT					B04	
03322		XA449	36		XA546	42				168	9		TRDB6DR	00				EXT					B04	
08465		XA449	36										GND					EXT					B04	
03323		XA449	37		XA547	24				168	9		TRDB7DX4	00				EXT					B04	
03324		XA449	38		XA546	21				168	9		TRDB7DR	00				EXT					B04	
08466		XA449	38										GND					EXT					B04	
03325		XA449	39		XA547	46				168	9		TBOT1DX4	00				EXT					D01	
03326		XA449	40		XA545	05				168	9		TBOT1DR	00				EXT					D01	
08467		XA449	40										GND					EXT					B04	
CONNECTOR XA449 CONTINUED ON THE NEXT PAGE ****																								

RECORD NUMBER	FROM			TO			WIRE				SIGNAL	SEQ NO	EQUATION	TERM	FACTOR	CAT OR CHIP TYPE	GROUP	LOAD OR PDW IN PLANE	TEST POINTS	SIGNAL DESCRIPTION	REC NO
	PREFIX	CONNECTOR	PIN	PREFIX	CONNECTOR	PIN	MULTI GROUP	EDGE	TYPE	LEAD											
03327		XA449	41		XA547	62			168	9			TADSDX4	00							D01
03328		XA449	42		XA545	53			168	9			TADSADR	00							D01
08468		XA449	42										GND								B04
03329		XA449	43										SPP	01							B04
01149		XA449	44										GND	01							B04
03330		XA449	45		XA547	48			168	9			TADSDX4	00							D01
03331		XA449	46										GND	01							B04
03335		XA449	46		XA545	39			168	9			TADSDR	00							D01
03332		XA449	47		XA547	35			168	9			TADSDX4	00							D01
03333		XA449	48										GND	01							B04
65644		XA449	48		XA545	19			168	9			TADSCDR	01							D01
03334		XA449	49										SPP	00							D01
08469		XA449	50										GND								C01
65645		XA449	50		XA546	53			168	9			TRDBCDR	00							B04
03336		XA449	51		XA544	23			168	9			TRDBED4	00							B04
03337		XA449	52	3	XA544	32	3		168	9			TRDBEDR	01							B04
08470		XA449	52										GND								B04
03338		XA449	53										SPP	01							B04
03339		XA449	54										GND	01							B04
03340		XA449	55										SPP	01							B04
03341		XA449	56										GND	01							B04
03342		XA449	57										SPP	01							B04
01150		XA449	58										GND	01							B04
03343		XA449	59										SPP	01							B04
03344		XA449	60										GND	01							B04
03345		XA449	61										SPP	01							B04
03346		XA449	62										GND	01							B04
03347		XA449	63		XA449	65			168	9			+5VDC	06							B04
03348		XA449	64										GND	01							B04
65600		XA449	64		XA449	66			168	9			+5VDCR	06							B04
03349		XA449	65										+5VDC	07							B04
03350		XA449	66										GND	01							B04
65601		XA449	66										+5VDCR	07							B04
01151		XA449	67										SPP	01							B04
03351		XA449	68										GND	01							B04
03352		XA449	69										SPP	01							B04
03353		XA449	70										GND	01							B04
64864		XA449	70										TAENBBR	03							B04
64882		XA449	70										TA07BBR	03							B04
03354		XA449	71										SPP	01							B04
03355		XA449	72										GND	01							B04
64862		XA449	72										TACMBBR	03							B04
64866		XA449	72										TAINBBR	03							B04
03356		XA449	73										SPP	01							B04
03357		XA449	74										SPP	01							B04
03358		XA449	75										SPP	01							B04
03359		XA449	76		XA547	76			168	9			TCILKBR	01							B04
03360		XA449	77										TCILKA4	00							B05
03361		XA449	78										SPP	01							B04
03362		XA449	79										GND	01							B04
		XA449											SPP	01							B04

CONNECTOR XA449 CONTINUED ON THE NEXT PAGE ****

RECORD NUMBER	FROM				TO				WIRE				SIGNAL	SEQ NO	EQUATION	TERM	FACTOR	CXT OR CHIP TYPE	GROUP	LOAD OR POWER PLANE	TEST POINTS AND/OR	SIGNAL DESCRIPTION	LTO NO
	PREFIX	CONNECTOR	PIN	SH PG	PREFIX	CONNECTOR	PIN	SH PG	MULTI GROUP	CODE	COLOR	IDENT											
03363		XA449	80										GND	01				EXT					B04
64829		XA450	01										SPP	01				EXT					B04
64117		XA450	02										GND	01				EXT					B04
64917		XA450	03										TYASLB	02				EXT					B04
64118		XA450	04										GND	01				EXT					B04
65651		XA450	04										TYASLG	02				EXT					E06
64919		XA450	05										TYBSLB	02				EXT					B04
64119		XA450	06										GND	01				EXT					B04
65653		XA450	06										TYBSLG	02				EXT					E06
64918		XA450	07										TYASTB	02				EXT					B04
64120		XA450	08										GND	01				EXT					B04
64166		XA450	08	2	XA450	10	2		16B	9			GND45008	01				EXT					B04
65652		XA450	08										TYASTG	02				EXT					E06
64920		XA450	09										TYBSTB	02				EXT					B04
64167		XA450	10										GND45008	02				EXT					B04
65654		XA450	10										TYBSTG	02				EXT					E06
64830		XA450	11										SPP	01				EXT					B04
64121		XA450	12										GND	01				EXT					B04
64921		XA450	13										TYPRSB	02				EXT					B04
64122		XA450	14										GND	01				EXT					C01
65655		XA450	14										TYPRSG	02				EXT					E06
64831		XA450	15										SPP	01				EXT					B04
64123		XA450	16										GND	01				EXT					B04
64888		XA450	17										TXASLB4	02				EXT					B04
64124		XA450	18										GND	01				EXT					B04
64904		XA450	19										TXBSLB4	02				EXT					B04
64125		XA450	20										GND	01				EXT					B04
64890		XA450	21										TXASTB	02				EXT					B04
64126		XA450	22										GND	01				EXT					B04
64906		XA450	23										TXBSTB	02				EXT					B04
64127		XA450	24										GND	01				EXT					B04
64916		XA450	25										TXPRSB4	02				EXT					B04
64128		XA450	26										GND	01				EXT					B04
64832		XA450	27										SPP	01				EXT					B04
64129		XA450	28										GND	01				EXT					B04
63994		XA450	29										DXASLB	02				EXT					B04
64130		XA450	30										GND	01				EXT					B04
65646		XA450	30										DXASLG	02				EXT					E06
64833		XA450	31										SPP	01				EXT					B04
64131		XA450	32										GND	01				EXT					B04
63996		XA450	33										DXBSLB	02				EXT					B04
64132		XA450	34										GND	01				EXT					B04
65648		XA450	34										DXBSLG	02				EXT					E06
63995		XA450	35										DXASTB	02				EXT					B04
64133		XA450	36										GND	01				EXT					B04
65647		XA450	36										DXASTG	02				EXT					E06
63997		XA450	37										DXBSTB	02				EXT					B04
64134		XA450	38										GND	01				EXT					B04
CONNECTOR		XA450	CONTINUED ON THE NEXT PAGE ****																				

RECORD NUMBER	FROM				TO				WIRE				SIGNAL	SEQ NO	EQUATION	TERM	FACTOR	CKT OR CHIP TYPE	GROUP	LOAD OR POWER PLANE	TEST POINTS AND OR	SIGNAL DESCRIPTION	ECO NO
	PREFIX	CONNECTOR	PIN	LOC	PREFIX	CONNECTOR	PIN	LOC	MULTI GROUP	CODE	COLOR	IDEN.											
65649		XA450	38										DXBSTG	02				EXT				E06	
63998		XA450	39										DXPRSB	02				EXT				B04	
64135		XA450	40										GND	01				EXT				B04	
65650		XA450	40										DXPRSG	02				EXT				F06	
64292		XA450	41										LXASLB4	02				EXT				B04	
64136		XA450	42										GND	01				EXT				B04	
64834		XA450	43										SPP	01				EXT				B04	
64137		XA450	44										GND	01				EXT				B04	
64308		XA450	45										LXBSLB4	02				EXT				B04	
64138		XA450	46										GND	01				EXT				B04	
64294		XA450	47										LXASTB	02				EXT				B04	
64139		XA450	48										GND	01				EXT				B04	
64310		XA450	49										LXBSTB	02				EXT				B04	
64140		XA450	50										GND	01				EXT				B04	
64320		XA450	51										LXPRSB4	02				EXT				B04	
64141		XA450	52										GND	01				EXT				B04	
64438		XA450	53										MXASLB4	02				EXT				B04	
64142		XA450	54										GND	01				EXT				B04	
64455		XA450	55										MXBSLB4	02				EXT				C01	
64143		XA450	56										GND	01				EXT				B04	
64835		XA450	57										SPP	01				EXT				B04	
64144		XA450	58										GND	01				EXT				B04	
64440		XA450	59										MXASTB	02				EXT				B04	
64145		XA450	60										GND	01				EXT				B04	
64457		XA450	61										MXBSTB	02				EXT				B04	
64146		XA450	62										GND	01				EXT				B04	
64467		XA450	63										MXPRSB4	02				EXT				B04	
64147		XA450	64										GND	01				EXT				B04	
64836		XA450	65										SPP	01				EXT				B04	
64148		XA450	66										GND	01				EXT				B04	
64837		XA450	67										SPP	01				EXT				B04	
64149		XA450	68										GND	01				EXT				B04	
64838		XA450	69										SPP	01				EXT				B04	
64150		XA450	70										GND	01				EXT				B04	
64168		XA450	70										KPOUTDXR	03				EXT				B04	
64177		XA450	71										KEYINB4	03				EXT				B04	
64176		XA450	72			XA143	79			16B	9		KEYINDXR	01				EXT				B04	
65526		XA450	72										GND					EXT				B04	
64179		XA450	73										KPOUTB	02				EXT				D03	
64169		XA450	74			XA450	70			16B	9		KPOUTDXR	02				EXT				B04	
63965		XA450	75										SPP	01				EXT				C07	
64170		XA450	76										SPP	01				EXT				C07	
64839		XA450	77										SPP	01				EXT				B04	
64151		XA450	78										+05VDCR	06				EXT				C02	
65527		XA450	78										GND					EXT				B04	
64840		XA450	79										KNCRKA1	02				EXT				C07	
64152		XA450	80										GND	01				EXT				B04	
65633		XA450	80			XA135	67			16B	9		KNCRKA1R	03				EXT				C07	

RECORD NUMBER	FROM				TO				WIRE			SIGNAL	SEQ 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											
02932		XA451	01			XA447	42			168	9		XA0PBB	02			EXT				B04	
00854		XA451	02										GND	01			EXT				B04	
64959		XA451	02			XA551	02			168	9		XA0PBR	01			EXT				B04	
02933		XA451	03			XA447	43			168	9		XA00BB	02			EXT				B04	
02934		XA451	04										GND	01			EXT				B04	
64962		XA451	04			XA551	04			168	9		XA00BR	01			EXT				B04	
02935		XA451	05			XA447	48			168	9		XA01BB	02			EXT				B04	
02936		XA451	06										GND	01			EXT				B04	
64965		XA451	06			XA551	06			168	9		XA01BR	01			EXT				B04	
02937		XA451	07			XA447	49			168	9		XA02BB	02			EXT				B04	
02938		XA451	08										GND	01			EXT				B04	
64968		XA451	08			XA551	08			168	9		XA02BR	01			EXT				B04	
02939		XA451	09			XA447	52			168	9		XA03BB	02			EXT				B04	
02940		XA451	10			XA551	10			168	9		XA03BR	01			EXT				B04	
02941		XA451	11			XA447	53			168	9		XA04BB	02			EXT				B04	
00153		XA451	12										GND	01			EXT				B04	
64973		XA451	12			XA551	12			168	9		XA04BR	01			EXT				B04	
02942		XA451	13			XA447	56			168	9		XA05BB	02			EXT				B04	
02943		XA451	14										GND	01			EXT				B04	
64976		XA451	14			XA551	14			168	9		XA05BR	01			EXT				B04	
02944		XA451	15			XA447	59			168	9		XA06BB	02			EXT				B04	
00855		XA451	16										GND	01			EXT				B04	
64979		XA451	16			XA551	16			168	9		XA06BR	01			EXT				B04	
02945		XA451	17			XA447	62			168	9		XA07BB	02			EXT				B04	
02946		XA451	18										GND	01			EXT				B04	
64982		XA451	18			XA551	18			168	9		XA07BR	01			EXT				B04	
02947		XA451	19										XAR0BB	02			EXT				B07	
02948		XA451	20										GND	01			EXT				B04	
64935		XA451	20			XA551	20			168	9		XAR0BR	02			EXT				B04	
02949		XA451	21										XAR1BB	02			EXT				B07	
02950		XA451	22										GND	01			EXT				B04	
64938		XA451	22			XA551	22			168	9		XAR1BR	02			EXT				B04	
02951		XA451	23			XA551	23			168	9		XAR2BB	01			EXT				B04	
02952		XA451	24										GND	01			EXT				B04	
64941		XA451	24			XA551	24			168	9		XAR2BR	01			EXT				B04	
02953		XA451	25			XA551	25			168	9		XAR3BB	01			EXT				B04	
02954		XA451	26										GND	01			EXT				B04	
64944		XA451	26			XA551	26			168	9		XAR3BR	01			EXT				B04	
02955		XA451	27			XA551	27			168	9		XAR4BB	01			EXT				B04	
00154		XA451	28										GND	01			EXT				B04	
64947		XA451	28			XA551	28			168	9		XAR4BR	01			EXT				B04	
02956		XA451	29			XA551	29			168	9		XAR5BB	01			EXT				B04	
02957		XA451	30										GND	01			EXT				B04	
64950		XA451	30			XA551	30			168	9		XAR5BR	01			EXT				B04	
02958		XA451	31			XA447	71			168	9		XAR6BB	02			EXT				B04	
00856		XA451	32										GND	01			EXT				B04	
64953		XA451	32			XA551	32			168	9		XAR6BR	01			EXT				B04	
02959		XA451	33			XA447	74			168	9		XAR7BB	02			EXT				B04	
02960		XA451	34										GND	01			EXT				B04	
64956		XA451	34			XA551	34			168	9		XAR7BR	01			EXT				B04	
CONNECTOR	XA451	CONTINUED ON THE NEXT PAGE ****																				

RECORD NUMBER	FROM				TO				WIRE				SIGNAL	SEQ NO	EQUATION	TERM	FACTOR	CKT OR CHIP TYPE	GROUP	LOAD OR POWER PLANE	TEST POINTS AND OR	SIGNAL DESCRIPTION	ECO NO
	PREFIX	CONNECTOR	PIN	LO 2	PREFIX	CONNECTOR	PIN	IN FC	MULTI GROUP	CODE	COLOR	IDENT											
02961		XA451	35			XA447	75			168	9		XAENBB	02				EXT				B04	
02962		XA451	36										GND	01				EXT				B04	
64929		XA451	36										XAENBR	02				EXT				B04	
02963		XA451	37			XA447	78			168	9		XACMBB	02				EXT				B04	
02964		XA451	38										GND	01				EXT				B04	
64926		XA451	38										XACMSR	02				EXT				B04	
02965		XA451	39			XA447	79			168	9		XAINBB	02				EXT				B04	
02966		XA451	40										GND	01				EXT				B04	
64932		XA451	40			XA551	40			168	9		XAINBR	01				EXT				B04	
02967		XA451	41			XA248	42			168	9		XB0PBB	02				EXT				B04	
02968		XA451	42										GND	01				EXT				B04	
65045		XA451	42			XA551	42			168	9		XB0PBR	02				EXT				B04	
02989		XA451	43			XA248	43			168	9		XB00BB	02				EXT				B04	
00857		XA451	44										GND	01				EXT				B04	
65053		XA451	44	2		XA551	44	2		168	9		XB00BR	02				EXT				B04	
02970		XA451	45			XA248	48			168	9		XB01BB	02				EXT				B04	
02971		XA451	46										GND	01				EXT				B04	
65061		XA451	46	1		XA551	46	1		168	9		XB01BR	02				EXT				B04	
02972		XA451	47			XA248	49			168	9		XB02BB	02				EXT				B04	
02973		XA451	48										GND	01				EXT				B04	
65069		XA451	48			XA551	48			168	9		XB02BR	02				EXT				B04	
02974		XA451	49			XA248	52			168	9		XB03BB	02				EXT				B04	
02975		XA451	50										GND	01				EXT				B04	
65077		XA451	50	2		XA551	50	2		168	9		XB03BR	02				EXT				B04	
02976		XA451	51			XA248	53			168	9		XB04BB	02				EXT				B04	
02977		XA451	52										GND	01				EXT				B04	
65085		XA451	52	1		XA551	52	1		168	9		XB04BR	02				EXT				B04	
02978		XA451	53			XA248	56			168	9		XB05BB	02				EXT				B04	
02979		XA451	54										GND	01				EXT				B04	
65093		XA451	54			XA551	54			168	9		XB05BR	02				EXT				B04	
02980		XA451	55			XA248	59			168	9		XB06BB	02				EXT				B04	
02981		XA451	56										GND	01				EXT				B04	
65101		XA451	56			XA551	56			168	9		XB06BR	02				EXT				B04	
02982		XA451	57			XA248	62			168	9		XB07BB	02				EXT				B04	
00858		XA451	58										GND	01				EXT				B04	
65109		XA451	58			XA551	58			168	9		XB07BR	02				EXT				B04	
02983		XA451	59			XA248	63			168	9		XB08BB	02				EXT				B04	
02984		XA451	60										GND	01				EXT				B04	
65009		XA451	60			XA551	60			168	9		XB08BR	01				EXT				B04	
02985		XA451	61			XA248	66			168	9		XBRIBB	02				EXT				B04	
02986		XA451	62										GND	01				EXT				B04	
65015		XA451	62			XA551	62			168	9		XBRIBR	01				EXT				B04	
02987		XA451	63			XA551	63			168	9		XBRIBB	01				EXT				B04	
02988		XA451	64										GND	01				EXT				B04	
65019		XA451	64			XA551	64			168	9		XBRIBR	01				EXT				B04	
02989		XA451	65			XA551	65			168	9		XBRIBB	01				EXT				B04	
02990		XA451	66										GND	01				EXT				B04	
65023		XA451	66			XA551	66			168	9		XBRIBB	01				EXT				B04	
00859		XA451	67			XA551	67			168	9		XBRIBB	01				EXT				B04	
02991		XA451	68										GND	01				EXT				B04	
CONNECTOR		XA451	CONTINUED ON THE NEXT PAGE ****																				

RECORD NUMBER	FROM				TO				WIRE				SFC INST MISC	SIGNAL	SEQ NO	EQUATION	TERM	FACTOR	CXT OR CHIP TYPE	GROUP	LOAD OR POWER PLANE	TEST POINTS AND OR	SIGNAL DESCRIPTION	ECO NO
	PREFIX	CONNECTOR	PIN	PL	PREFIX	CONNECTOR	PIN	PL	MULTI GROUP	CODE	COLOR	IDENT												
65027		XA451	68			XA551	68			168	9		XBR4BR	01				EXT				B04		
02992		XA451	69			XA551	69			168	9		XBR5BB	01				EXT				B04		
02993		XA451	70										GND	01				EXT				B04		
65031		XA451	70			XA551	70			168	9		XBR5BR	01				EXT				B04		
02994		XA451	71			XA551	71			168	9		XBR6BB	01				EXT				B04		
02995		XA451	72										GND	01				EXT				B04		
65035		XA451	72			XA551	72			168	9		XBR6BR	01				EXT				B04		
02996		XA451	73			XA551	73			168	9		XBR7BB	01				EXT				B04		
02997		XA451	74			XA551	74			168	9		XBR7BR	01				EXT				B04		
02998		XA451	75			XA248	75			168	9		XRENBB	02				EXT				B04		
02999		XA451	76	3		XA250	78	3		168	9		X8ENBR	02				EXT				B04		
03000		XA451	77			XA248	78			168	9		X8CMBB	02				EXT				B04		
03001		XA451	78										GND	01				EXT				B04		
64989		XA451	78			XA551	78			168	9		X8CMBR	02				EXT				B04		
03002		XA451	79			XA248	79			168	9		XBINBB	02				EXT				B04		
03003		XA451	80										GND	01				EXT				B04		
65003		XA451	80			XA551	80			168	9		XBINBR	02				EXT				B04		
03004		XA501	01										SPP	01										
00860		XA501	02										GND	01										
03005		XA501	03										SPP	01										
03006		XA501	04										SPP	01										
03007		XA501	05										SPP	01										
03008		XA501	06										SPP	01										
03009		XA501	07										SPP	01										
03010		XA501	08										SPP	01										
03011		XA501	09										SPP	01										
03012		XA501	10										SPP	01										
03013		XA501	11										SPP	01										
00155		XA501	12										+5V	01										
03014		XA501	13										SPP	01										
03015		XA501	14										SPP	01										
03016		XA501	15										SPP	01										
00861		XA501	16										GND	01										
03017		XA501	17										SPP	01										
03018		XA501	18										SPP	01										
03019		XA501	19										SPP	01										
03020		XA501	20										SPP	01										
03021		XA501	21										SPP	01										
03022		XA501	22										SPP	01										
03023		XA501	23										SPP	01										
03024		XA501	24										SPP	01										
03025		XA501	25										SPP	01										
03026		XA501	26										SPP	01										
03027		XA501	27										SPP	01										
00156		XA501	28										+5V	01										
03028		XA501	29										SPP	01										
03029		XA501	30										SPP	01										
03030		XA501	31										SPP	01										
CONNECTOR	XA501	CONTINUED ON THE NEXT PAGE ****																						

RECORD NUMBER	FROM				TO				WIRE				SIGNAL	SEQ NO	EQUATION	TERM	FACTOR	CKT OR CHIP TYPE	GROUP	LOAD OR POWER PLANE	TEST POINTS AND OR	SIGNAL DESCRIPTION	ECO NO	
	PREFIX	CONNECTOR	PIN	PL	PREFIX	CONNECTOR	PIN	PL	MULTI GROUP	CODE	COLOR	IDEN.												SP. USE
00862		XA501	32										GND	01										
03031		XA501	33										SPP	01										
03032		XA501	34										SPP	01										
03033		XA501	35										SPP	01										
03034		XA501	36										SPP	01										
03035		XA501	37										SPP	01										
03036		XA501	38										SPP	01										
03037		XA501	39										SPP	01										
03038		XA501	40										SPP	01										
03039		XA501	41										SPP	01										
03040		XA501	42										SPP	01										
03041		XA501	43										SPP	01										
00863		XA501	44										GND	01										
03042		XA501	45										SPP	01										
03043		XA501	46										SPP	01										
03044		XA501	47										SPP	01										
03045		XA501	48										SPP	01										
03046		XA501	49										SPP	01										
03047		XA501	50										SPP	01										
03048		XA501	51										SPP	01										
03049		XA501	52										SPP	01										
03050		XA501	53										SPP	01										
03051		XA501	54										SPP	01										
03052		XA501	55										SPP	01										
03053		XA501	56										SPP	01										
03054		XA501	57										SPP	01										
00864		XA501	58										GND	01										
03055		XA501	59										SPP	01										
03056		XA501	60										SPP	01										
03057		XA501	61										SPP	01										
03058		XA501	62										SPP	01										
03059		XA501	63										SPP	01										
03060		XA501	64										SPP	01										
03061		XA501	65										SPP	01										
03062		XA501	66										SPP	01										
00865		XA501	67										GND	01										
03063		XA501	68										SPP	01										
03064		XA501	69										SPP	01										
03065		XA501	70										SPP	01										
03066		XA501	71										SPP	01										
03067		XA501	72										SPP	01										
03068		XA501	73										SPP	01										
03069		XA501	74										SPP	01										
03070		XA501	75										SPP	01										
03071		XA501	76										SPP	01										
03072		XA501	77										SPP	01										
03073		XA501	78										SPP	01										
03074		XA501	79										SPP	01										
03075		XA501	80										SPP	01										

RECORD NUMBER	FROM				TO				WIRE				SIGNAL	SEQ NO	EQUATION	TERM	FACT	CAT OR CHIP TYPE	GROUP	LOAD OR PWR PLANE	TEST POINTS AND/OR	SIGNAL DESCRIPTION	ECO NO
	PREFIX	CONNECTOR	PIN	IN	PREFIX	CONNECTOR	PIN	IN	MULTI GROUP	CODE	COLOR	IDENT											
05394		XA502	01										TRUNAS	04	TRUNAR	01	1	TS8	A1		02B		
00866		XA502	02										GND	01				TS8			01A		
00380		XA502	03										DNW	01				TS8					
05950		XA502	04		XA407	70				16B	9		ISTP6A	01	TRUNAR	01	2	TS8	A1		04A		
05402		XA502	05							16B	9		SPI009	08	TRUNAR	01	3	TS8	A1		03B	D01	
05405		XA502	06										TRUN3A	02	TRUNAR	01	4	TS8	A1		05A		
07424		XA502	07		XA508	42				16B	9		TXRS1B	21	TRUNAR	01	5	TS8	A1		03A		
01659		XA502	08		XA503	08				16B	9		SPIO18	27	TRUNAR	01	6	TS8	A1		06A		
00381		XA502	09										DNW	01				TS8					
01297		XA502	10		XA507	10				16B	9		SPI003	32	TRUNAR	01	7	TS8	A1		07A		
05389		XA502	11		XA505	03				16B	9		TRUNAR	01	TRUNAR	00	1	TS8	A1		05B		
00157		XA502	12										+5V	01				TS8					
01547		XA502	13		XA503	10				16B	9		SPI012	09	TRUNAR	01	8	TS8	A1		06B		
05829		XA502	14		XA505	22				16B	9		TSNC1S	01	TBSYOA	01	1	TS8	B1		09A		
00382		XA502	15										DNW	01				TS8					
00867		XA502	16										GND	01				TS8			21B		
00383		XA502	17										DNW	01				TS8					
05033		XA502	18		XA421	29				16B	9		TRDY10X	00	TBSYOA	01	2	TS8	B1		10A	D01	
03484		XA502	19		XA421	38				16B	9		TADSW2X	01	TBSYOA	01	3	TS8	B1		09B	D01	
03485		XA502	20		XA505	01				16B	9		TBSY2A	01	TBSYOA	01	4	TS8	B1		11A		
00384		XA502	21										DNW	01				TS8					
04384		XA502	22		XA519	21				16B	9		TFPE2A	01	TBSYOA	01	5	TS8	B1		12A		
03482		XA502	23										TBSY0A	03	TBSYOA	00	1	TS8	B1		11B	NEW COMMAND BUSY I	
03692		XA502	24										TCILK0	03	TBSYOA	01	6	TS8	B1		13A		
05716		XA502	25										TSCK1B	63	TBSYOA	01	7	TS8	B1		12B		
01658		XA502	26		XA502	08				16B	9		SPIO18	26	TBSYOA	01	8	TS8	B1		14A		
00385		XA502	27										DNW	01				TS8					
00158		XA502	28										+5V	01				TS8					
00386		XA502	29										DNW	01				TS8					
05822		XA502	30		XA511	76				16B	9		TSNC0S	03	TSNCOA	01	1	TS8	C1		15A	D04	
05840		XA502	31		XA505	17				16B	9		TSNC2R	01	TSNCOA	01	2	TS8	C1		15B		
00868		XA502	32										GND	01				TS8			27A		
00387		XA502	33										DNW	01				TS8					
03492		XA502	34		XA509	59				16B	9		TBUSYR	03	TSNCOA	01	3	TS8	C1		16A		
05815		XA502	35										TSNCOA	02	TSNCOA	00	1	TS8	C1		17B		
04601		XA502	36		XA506	35				16B	9		TLAD2S	02	TSNCOA	01	4	TS8	C1		17A		
05751		XA502	37		XA502	54				16B	9		TSCL3B	34	TSNCOA	01	5	TS8	C1		18B		
01294		XA502	38		XA503	24				16B	9		SPI003	29	TSNCOA	01	6	TS8	C1		18A		
00388		XA502	39										DNW	01				TS8					
01636		XA502	40		XA502	56				16B	9		SPIO18	04	TSNCOA	01	7	TS8	C1		19A		
00389		XA502	41										DNW	01				TS8					
01545		XA502	42		XA503	25				16B	9		SPI012	07	TSNCOA	01	8	TS8	C1		20A		
05337		XA502	43										TRTDC0	07	TRMROA	01	1	TS8	D1		23B		
00869		XA502	44										GND	01				TS8			40A		
00390		XA502	45										DNW	01				TS8					
05106		XA502	46										TREN1S	10	TRMROA	01	2	TS8	D1		21A		
05228		XA502	47		XA511	04				16B	9		TRMROA	01	TRMROA	00	1	TS8	D1		25B	INPUT REQUEST TO B	
04530		XA502	48		XA504	48				16B	9		TKBOOP	02	TRMROA	01	3	TS8	D1		22A		
04543		XA502	49		XA504	49				16B	9		TKBO10	01	TRMROA	01	4	TS8	D1		26B		
04486		XA502	50		XA514	47				16B	9		TKA01P	02	TRMROA	01	5	TS8	D1		23A		
CONNECTOR XA502 CONTINUED ON THE NEXT PAGE ****																							

RECORD NUMBER	FROM				TO				WIRE				SIGNAL	SEQ NO	EQUATION	TERM	FACTOR	CKT OR CHIP TYPE	GROUP	LOAD OR POWER PLANE	TEST POINTS AND/OR	SIGNAL DESCRIPTION	ECO NO	
	PREFIX	CONNECTOR	PIN	IN FC	PREFIX	CONNECTOR	PIN	IN FC	MULTI GROUP	CODE	COLOR	IDENT												
00391		XA502	51										DNW	01				TS8						
04510		XA502	52		XA504	52			16B	9			TKA02Q	05	TRMROA	01	6	TS8	D1		24A			
00392		XA502	53										DNW	01				TS8						
05752		XA502	54		XA411	80			16B	9			TSC13B	35	TRMROA	01	7	TS8	D1		25A			
04013		XA502	55		XA527	71			16B	9			TC908P	02	U1658A	01	1	TS8	E1		29B		D01	
01637		XA502	56		XA503	56			16B	9			SPI01B	05	TRMROA	01	8	TS8	D1		26A			
00393		XA502	57										DNW	01				TS8						
00870		XA502	58										GND	01				TS8						
08088		XA502	59		XA523	76			16B	9			U1658A	01	U1658A	00	1	TS8	E1		31B	WRITE COUNT36-38US	D01	
04024		XA502	60		XA527	72			16B	9			TC918Q	01	U1658A	01	2	TS8	E1		28A		D01	
03993		XA502	61		XA527	48			16B	9			TC808P	A0	U1658A	01	3	TS8	E1		32B		F03	
04000		XA502	62		XA411	18			16B	9			TC848P	00	U1658A	01	4	TS8	E1		29A		D01	
00394		XA502	63										DNW	01				TS8						
03944		XA502	64										TC70BQ	06	U1658A	01	5	TS8	E1		30A		D01	
00395		XA502	65										DNW	01				TS8						
03956		XA502	66		XA527	77			16B	9			TC738P	01	U1658A	01	6	TS8	E1		31A		F03	
00871		XA502	67										GND	01				TS8						
01542		XA502	68		XA503	79			16B	9			SPI012	04	U1658A	01	7	TS8	E1		32A		D01	
00396		XA502	69										DNW	01				TS8						
01641		XA502	70		XA502	79			16B	9			SPI01B	09	U1658A	01	8	TS8	E1		33A		D01	
04470		XA502	71		XA506	27			16B	9			TINT50	01	TINT6A	01	1	TS8	F1		36A			
03764		XA502	72		XA509	46			16B	9			TCSD0Q	01	TINT6A	01	2	TS8	F1		34A			
05450		XA502	73		XA509	47			16B	9			TRW14A	01	TINT6A	01	3	TS8	F1		36B			
05065		XA502	74		XA508	72			16B	9			TREDBP	01	TINT6A	01	4	TS8	F1		35B			
05171		XA502	75		XA508	73			16B	9			TREWDP	01	TINT6A	01	5	TS8	F1		37B			
04476		XA502	76										TINT6A	04	TINT6A	00	1	TS8	F1		37A			
06061		XA502	77										TTASLP	03	TINT6A	01	6	TS8	F1		38B			
01541		XA502	78		XA506	06			16B	9			TLAD2R	00	TINT6A	01	7	TS8	F1		38A		D04	
01642		XA502	79		XA504	79			16B	9			SPI01B	10	TINT6A	01	8	TS8	F1		39B			
00397		XA502	80										DNW	01				TS8						
04547		XA503	01		XA510	76			16B	9			TKCOOP	01	TNSGOA	01	1	TS8	A1		02B			
00872		XA503	02										GND	01				TS8			01A			
00398		XA503	03										DNW	01				TS8						
04559		XA503	04										TKC02P	03	TNSGOA	01	2	TS8	A1		04A			
04499		XA503	05										TKA010	02	TNSGOA	01	3	TS8	A1		03B			
04505		XA503	06										TKA02P	06	TNSGOA	01	4	TS8	A1		05A			
05757		XA503	07		XA504	10			16B	9			TSCK3B	40	TNSGOA	01	5	TS8	A1		03A			
01660		XA503	08		XA504	13			16B	9			SPI01B	28	TNSGOA	01	6	TS8	A1		06A			
00399		XA503	09										DNW	01				TS8						
01548		XA503	10		XA43B	62			16B	9			SPI012	10	TNSGOA	01	7	TS8	A1		07A			
04875		XA503	11		XA508	60			16B	9			TNSGOA	01	TNSGOA	00	1	TS8	A1		05B	SET CHARACTER DETE		
00159		XA503	12										+5V	01				TS8						
01296		XA503	13		XA502	10			16B	9			SPI003	31	TNSGOA	01	8	TS8	A1		06B			
05985		XA503	14		XA406	65			16B	9			TSTR2S	01	TNDA2A	01	1	TS8	B1		09A			
00400		XA503	15										DNW	01				TS8						
00873		XA503	16										GND	01				TS8			21B			
00401		XA503	17										DNW	01				TS8						
05890		XA503	18		XA406	48			16B	9			TSPNSQ	01	TNDA2A	01	2	TS8	B1		10A			
CONNECTOR		XA503	CONTINUED ON THE NEXT PAGE ****																					

RECORD NUMBER	FROM				TO				WIRE				SFC INST IN SEC	SIGNAL	SEQ 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 LG	PREFIX	CONNECTOR	PIN	IN LG	MULTI GROUP	CODE	COLOR	IDENT													
03936		XA503	19		XA413	47				16B	9			TC60BP	01	TNDA2A	01	3	TS8	B1		09B			
06573		XA503	20		XA518	25				16B	9			TWRIEP	05	TNDA2A	01	4	TS8	B1		11A		D04 C06	
00402		XA503	21											DNW	01				TS8						
05756		XA503	22		XA503	07				16B	9			TSCK3B	39	TNDA2A	01	5	TS8	B1		12A			
04848		XA503	23		XA512	43				16B	9			TNDA2A	01	TNDA2A	00	1	TS8	B1		11B			
01295		XA503	24		XA503	13				16B	9			SPI003	30	TNDA2A	01	6	TS8	B1		13A			
01546		XA503	25		XA502	13				16B	9			SPI012	08	TNDA2A	01	7	TS8	B1		12B			
01657		XA503	26		XA502	26				16B	9			SPI018	25	TNDA2A	01	8	TS8	B1		14A			
00403		XA503	27											DNW	01				TS8						
00160		XA503	28											+5V	01				TS8						
63970		XA503	28											+5VLOG2	02				TS8						
00404		XA503	29											DNW	01				TS8						
05103		XA503	30		XA504	31				16B	9			TREN15	07	TRTDPA	01	1	TS8	C1		15A			
06235		XA503	31		XA438	80				16B	9			TTOPRPR	01	TRTDPA	01	2	TS8	C1		15B			
00874		XA503	32											GND	01				TS8				27A		
00405		XA503	33											DNW	01				TS8						
04491		XA503	34		XA504	37				16B	9			TKA01Q	03	TRTDPA	01	3	TS8	C1		16A			
05342		XA503	35											TRTDPA	03	TRTDPA	00	1	TS8	C1		17B		SET LATERAL PARITY	
04509		XA503	36		XA502	52				16B	9			TKA02Q	04	TRTDPA	01	4	TS8	C1		17A			
05750		XA503	37		XA502	37				16B	9			TSCL3B	33	TRTDPA	01	5	TS8	C1		18B			
01635		XA503	38		XA502	40				16B	9			SPI018	03	TRTDPA	01	6	TS8	C1		18A			
00406		XA503	39											DNW	01				TS8						
01544		XA503	40		XA502	42				16B	9			SPI012	06	TRTDPA	01	7	TS8	C1		19A			
00407		XA503	41											DNW	01				TS8						
01293		XA503	42		XA502	38				16B	9			SPI003	28	TRTDPA	01	8	TS8	C1		20A			
03770		XA503	43											TCSDOR	04	TSBZY0	01	1	TS8	D1		23B			
00875		XA503	44											GND	01				TS8				40A		
00408		XA503	45											DNW	01				TS8						
05819		XA503	46											TSNCOR	04	TSBZY0	01	2	TS8	D1		21A			
05650		XA503	47		XA424	17				16B	9			TSBZY0	01	TSBZY0	00	1	TS8	D1		25B		CONTROLLER BUSY	
04464		XA503	48											TINT2A	04	TSBZY0	01	3	TS8	D1		22A			
04475		XA503	49		XA502	76				16B	9			TINT6A	03	TSBZY0	01	4	TS8	D1		26B			
07909		XA503	50											TXXDIR	03	TSBZY0	01	5	TS8	D1		23A			
00409		XA503	51											DNW	01				TS8						
04654		XA503	52		XA523	24				16B	9			TLPTBR	01	TSBZY0	01	6	TS8	D1		24A			
00410		XA503	53											DNW	01				TS8						
01543		XA503	54		XA503	40				16B	9			SPI012	05	TSBZY0	01	7	TS8	D1		25A			
06239		XA503	55		XA542	35				16B	9			TT00BP	01	TKRS10	01	1	TS8	E1		29B			
01638		XA503	56		XA504	56				16B	9			SPI018	06	TSBZY0	01	8	TS8	D1		26A			
00411		XA503	57											DNW	01				TS8						
00876		XA503	58											GND	01				TS8						
04572		XA503	59		XA505	48				16B	9			TKRS10	01	TKRS10	00	1	TS8	E1		31B			
06248		XA503	60		XA542	33				16B	9			TT01BP	01	TKRS10	01	2	TS8	E1		28A			
06257		XA503	61		XA542	47				16B	9			TT02BP	01	TKRS10	01	3	TS8	E1		32B			
06266		XA503	62		XA542	45				16B	9			TT03BP	01	TKRS10	01	4	TS8	E1		29A			
00412		XA503	63											DNW	01				TS8						
06275		XA503	64		XA542	59				16B	9			TT04BP	01	TKRS10	01	5	TS8	E1		30A			
00413		XA503	65											DNW	01				TS8						
06284		XA503	66		XA542	57				16B	9			TT05BP	01	TKRS10	01	6	TS8	E1		31A			
00877		XA503	67											GND	01				TS8						
CONNECTOR		XA503	CONTINUED ON THE NEXT PAGE ****																						

RECORD NUMBER	FROM				TO				WIRE			SIGNAL	SEQ NO	EQUATION	TERM	FACTOR	CKT OR CHIP TYPE	GROUP	LOAD OR POWER PLANE	TEST POINTS AND/OR	SIGNAL DESCRIPTION	ECO NO		
	PREFIX	CONNECTOR	PIN	IS	PREFIX	CONNECTOR	PIN	IS	MULTI GROUP	CODE	LO. OR												IDEN.	
06293		XA503	68		XA542	76				16B	9		TT06BP	01	TKRS10	01	7	TS8	E1		32A			
00414		XA503	69										DNW	01				TS8						
06302		XA503	70		XA542	69				16B	9		TT07BP	01	TKRS10	01	8	TS8	E1		33A			
05653		XA503	71										TSC11A	02	TINT10	01	1	TS8	F1		36A			
05432		XA503	72		XA409	19				16B	9		TRWS2A	01	TINT10	01	2	TS8	F1		34A			
04859		XA503	73										TNSGDA	02	TINT10	01	3	TS8	F1		36B			
04874		XA503	74										TNSGMA	02	TINT10	01	4	TS8	F1		35B			
04852		XA503	75		XA509	27				16B	9		TNSGAA	01	TINT10	01	5	TS8	F1		37B			
04458		XA503	76		XA505	76				16B	9		TINT10	01	TINT10	00	1	TS8	F1		37A	COMMAND END AND IN		
05437		XA503	77		XA410	21				16B	9		TRWS4A	02	TINT10	01	6	TS8	F1		38B			
04841		XA503	78		XA509	51				16B	9		TNDASA	01	TINT10	01	7	TS8	F1		38A			
08269		XA503	79		XA503	54				16B	9		SPIO12	045	TINT10	01	8	TS8	F1		39B			
00415		XA503	80										DNW	01				TS8						
05333		XA504	01		XA504	14				16B	9		TRTDC0	03	TRTDOA	01	1	TS8	A1		02B			
00878		XA504	02										GND	01				TS8			01A			
00416		XA504	03										DNW	01				TS8						
05101		XA504	04		XA504	18				16B	9		TREN1S	05	TRTDOA	01	2	TS8	A1		04A			
04529		XA504	05		XA502	48				16B	9		TKB00P	01	TRTDOA	01	3	TS8	A1		03B			
04538		XA504	06		XA504	20				16B	9		TKB01P	01	TRTDOA	01	4	TS8	A1		05A			
04489		XA504	07		XA504	22				16B	9		TKA01Q	01	TRTDOA	01	5	TS8	A1		03A			
04506		XA504	08		XA504	24				16B	9		TKA02Q	01	TRTDOA	01	6	TS8	A1		06A			
00417		XA504	09										DNW	01				TS8						
05758		XA504	10		XA508	07				16B	9		TSCK3B	41	TRTDOA	01	7	TS8	A1		07A			
05344		XA504	11										TRTDOA	02	TRTDOA	00	1	TS8	A1		05B	TRANSFER BYTE 0		
00161		XA504	12										+5V	01				TS8						
01661		XA504	13		XA506	13				16B	9		SPIO18	29	TRTDOA	01	8	TS8	A1		06B			
05334		XA504	14		XA504	30				16B	9		TRTDC0	04	TRTD1A	01	1	TS8	B1		09A			
00418		XA504	15										DNW	01				TS8						
00879		XA504	16										GND	01				TS8			21B			
00419		XA504	17										DNW	01				TS8						
05102		XA504	18		XA503	30				16B	9		TREN1S	06	TRTD1A	01	2	TS8	B1		10A			
04534		XA504	19		XA504	34				16B	9		TKB00Q	01	TRTD1A	01	3	TS8	B1		09B			
04539		XA504	20		XA513	48				16B	9		TKB01P	02	TRTD1A	01	4	TS8	B1		11A			
00420		XA504	21										DNW	01				TS8						
04490		XA504	22		XA503	34				16B	9		TKA01Q	02	TRTD1A	01	5	TS8	B1		12A			
05355		XA504	23										TRTD1A	02	TRTD1A	00	1	TS8	B1		11B	TRANSFER BYTE 1		
04507		XA504	24		XA504	38				16B	9		TKA02Q	02	TRTD1A	01	6	TS8	B1		13A			
05755		XA504	25		XA503	22				16B	9		TSCK3B	38	TRTD1A	01	7	TS8	B1		12B			
01656		XA504	26		XA503	26				16B	9		SPIO18	24	TRTD1A	01	8	TS8	B1		14A			
00421		XA504	27										DNW	01				TS8						
00162		XA504	28										+5V	01				TS8						
00422		XA504	29										DNW	01				TS8						
05335		XA504	30		XA504	43				16B	9		TRTDC0	05	TRTD2A	01	1	TS8	C1		15A			
05104		XA504	31		XA504	46				16B	9		TREN1S	08	TRTD2A	01	2	TS8	C1		15B			
00880		XA504	32										GND	01				TS8			27A			
00423		XA504	33										DNW	01				TS8						
04535		XA504	34		XA513	43				16B	9		TKB00Q	02	TRTD2A	01	3	TS8	C1		16A			
05365		XA504	35		XA412	53				16B	9		TRTD2A	01	TRTD2A	00	1	TS8	C1		17B	TRANSFER BYTE 2		
CONNECTOR	XA504	CONTINUED ON THE NEXT PAGE ****																						

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	PLATE	PREFIX	CONNECTOR	PIN	PLATE	MULTI GROUP	CODE	COLOR	IDENT									SPEC INST	DESC		
04545		XA504	36		XA514	43				168	9		TKB01Q	03	TRTD2A	01	4	TS8	C1		17A			
04492		XA504	37		XA504	50				168	9		TKA01Q	04	TRTD2A	01	5	TS8	C1		18A			
04508		XA504	38		XA503	36				168	9		TKA02Q	03	TRTD2A	01	6	TS8	C1		18A			
00424		XA504	39										DNW	01				TS8						
05749		XA504	40		XA503	37				168	9		TSCL3B	32	TRTD2A	01	7	TS8	C1		19A			
00425		XA504	41										DNW	01				TS8						
01652		XA504	42		XA505	42				168	9		SPIO18	20	TRTD2A	01	8	TS8	C1		20A			
05336		XA504	43		XA502	43				168	9		TRTDC0	06	TRTD3A	01	1	TS8	D1		23B			
00881		XA504	44										GND	01				TS8			40A			
00426		XA504	45										DNW	01				TS8						
05105		XA504	46		XA502	46				168	9		TREN1S	09	TRTD3A	01	2	TS8	D1		21A			
05376		XA504	47		XA412	59				168	9		TRTD3A	01	TRTD3A	00	1	TS8	D1		25B		TRANSFER BYTE 3	
04531		XA504	48		XA513	45				168	9		TKB00P	03	TRTD3A	01	3	TS8	D1		22A			
04544		XA504	49		XA504	36				168	9		TKB01Q	02	TRTD3A	01	4	TS8	D1		26B			
04493		XA504	50		XA510	75				168	9		TKA01Q	05	TRTD3A	01	5	TS8	D1		23A			
00427		XA504	51										DNW	01				TS8						
04511		XA504	52		XA505	53				168	9		TKA02Q	06	TRTD3A	01	6	TS8	D1		24A			
00428		XA504	53										DNW	01				TS8						
05753		XA504	54		XA505	25				168	9		TSCK3B	36	TRTD3A	01	7	TS8	D1		25A			
04620		XA504	55										TLCC0S	04	TWR11A	01	1	TS8	E1		29B			
01639		XA504	56		XA504	70				168	9		SPIO18	07	TRTD3A	01	8	TS8	D1		26A			
00429		XA504	57										DNW	01				TS8						
00882		XA504	58										GND	01				TS8						
06612		XA504	59		XA507	19				168	9		TWR11A	01	TWR11A	00	1	TS8	F1		31B			
06551		XA504	60		XA518	73				168	9		TWRG2R	02	TWR11A	01	2	TS8	E1		28A			
04781		XA504	61		XA510	11				168	9		TMWCBP	01	TWR11A	01	3	TS8	E1		32B			
06616		XA504	62										TWR11R	03	TWR11A	01	4	TS8	E1		29A			
00430		XA504	63										DNW	01				TS8						
05691		XA504	64		XA505	37				168	9		TSCK1B	38	TWR11A	01	5	TS8	E1		30A			
00431		XA504	65										DNW	01				TS8						
01292		XA504	66		XA503	42				168	9		SPIO03	27	TWR11A	01	6	TS8	F1		31A			
00883		XA504	67										GND	01				TS8						
01539		XA504	68		XA504	78				168	9		SPIO12	01	TWR11A	01	7	TS8	E1		32A			
00432		XA504	69										DNW	01				TS8						
01640		XA504	70		XA502	70				168	9		SPIO18	08	TWR11A	01	8	TS8	E1		33A			
05144		XA504	71		XA510	63				168	9		TREQ1R	01	TREQ0A	01	1	TS8	F1		36A			
05112		XA504	72		XA506	72				168	9		TREN2S	01	TREQ0A	01	2	TS8	F1		34A			
05060		XA504	73		XA515	75				168	9		TREADQ	01	TREQ0A	01	3	TS8	F1		36B			
04788		XA504	74										TMWCBQ	03	TREQ0A	01	4	TS8	F1		35B			
05690		XA504	75		XA504	64				168	9		TSCK1B	37	TREQ0A	01	5	TS8	E1		37B			
05132		XA504	76										TREQ0A	02	TREQ0A	00	1	TS8	F1		37A			
01291		XA504	77		XA504	66				168	9		SPIO03	26	TREQ0A	01	6	TS8	E1		38B			
01540		XA504	78		XA502	68				168	9		SPIO12	02	TREQ0A	01	7	TS8	F1		38A		D04	
01643		XA504	79		XA505	79				168	9		SPIO18	11	TREQ0A	01	8	TS8	F1		39B			
00433		XA504	80										DNW	01				TS8						
03486		XA505	01										TBSY2A	02	TBSY2A	00	1	TQ2	A2		02B			
00884		XA505	02										GND	01				TQ2			01A			
05390		XA505	03										TRUNAR	02	TRUNAS	01	1	TQ2	A3		02A			
	CONNECTOR	XA505	CONTINUED ON THE NEXT PAGE				****																	

UNIT NO.	CONNECTOR	PIN	PREFIX	CONNECTOR	F	LOC	SIGNAL	SEC NO	EQUATION	UNIT	LOC	UNIT	LOC	UNIT	LOC	UNIT	LOC
04084	XA505	04		XA408	47	168 9	TDIRSP	02	TBSY2A	01 1	TQ2	A2					04A
03522	XA505	05		XA406	70	168 9	TROTOS	06	TBSY2A	01 2	TQ2	A2					03B
03483	XA505	06					UBSY1A	01	UBSY1A	00 1	TQ2	A1					05A
05979	XA505	07		XA408	79	168 9	TSTR2A	01	TRUNAS	01 2	TQ2	A3					03A
04087	XA505	08		XA540	17	168 9	TDIRSQ	02	UBSY1A	01 1	TQ2	A1					06A
05393	XA505	09		XA502	01	168 9	TRUNAS	03	TRUNAS	00 1	TQ2	A3					04B
04340	XA505	10					TROTOS	06	UBSY1A	01 2	TQ2	A1					07A
05388	XA505	11					TRTOCA	02	TS29S0	01 1	TQ2	A4					05B
00163	XA505	12					+5V	01									
06734	XA505	13		XA521	47	168 9	TWTOCA	01	TS29S0	01 2	TQ2	A4					06B
05851	XA505	14		XA506	19	168 9	TSNC3A	01	TSNC3A	00 1	TQ2	B2					09A
06043	XA505	15		XA506	11	168 9	TS29S0	01	TS29S0	00 1	TQ2	A4					07B
00885	XA505	16					GND	01									01B
05841	XA505	17		XA506	21	168 9	TSNC2R	02	TSNC2S	01 1	TQ2	B3					08B
05828	XA505	18					TSNC1R	03	TSNC3A	01 1	TQ2	B2					10A
05839	XA505	19					TSNC2A	03	TSNC2S	01 2	TQ2	B3					09B
05693	XA505	20		XA506	20	168 9	TSCK1B	40	TSNC3A	01 2	TQ2	B2					11A
05845	XA505	21		XA506	17	168 9	TSNC2S	02	TSNC2S	00 1	TQ2	B3					10B
05830	XA505	22		XA506	18	168 9	TSNC1S	02	TSNC1S	00 1	TQ2	B1					12A
05137	XA505	23		XA506	66	168 9	TREQ0S	01	TREQ0A	01 1	TQ2	B4					11B
05827	XA505	24		XA505	18	168 9	TSNC1R	02	TSNC1S	01 1	TQ2	B1					13A
05754	XA505	25		XA504	25	168 9	TSCK3B	37	TREQ0A	01 2	TQ2	B4					12B
05814	XA505	26		XA502	35	168 9	TSNCOA	01	TSNC1S	01 2	TQ2	B1					14A
05153	XA505	27					TREQ0A	03	TREQ0A	00 1	TQ2	B4					13B
00164	XA505	28					+5V	01									
04589	XA505	29		XA506	30	168 9	TLAD1R	02	TLAD1S	01 1	TQ2	C3					14B
06088	XA505	30					TTMOCO	03	TTMOCO	00 1	TQ2	C2					15A
04577	XA505	31					TLAD0A	02	TLAD1S	01 2	TQ2	C3					15B
00886	XA505	32					GND	01									20B
04594	XA505	33					TLAD1S	03	TLAD1S	00 1	TQ2	C3					16B
06084	XA505	34		XA510	80	168 9	TTMCOA	01	TTMOCO	01 1	TQ2	C2					16A
04588	XA505	35		XA505	29	168 9	TLAD1R	01	TLAD3A	01 1	TQ2	C4					17B
01654	XA505	36		XA506	29	168 9	SPIO18	22	TTMOCO	01 2	TQ2	C2					17A
05692	XA505	37		XA505	20	168 9	TSCK1B	39	TLAD3A	01 2	TQ2	C4					18B
04703	XA505	38					TLRCB0	02	TLRCB0	00 1	TQ2	C1					18A
04605	XA505	39					TLAD3A	02	TLAD3A	00 1	TQ2	C4					19B
04699	XA505	40		XA508	18	168 9	TLRCBA	01	TLRCB0	01 1	TQ2	C1					19A
06642	XA505	41					TWRI3R	03	TWRI3S	01 1	TQ2	D3					22B
01653	XA505	42		XA505	36	168 9	SPIO18	21	TLRCB0	01 2	TQ2	C1					20A
06650	XA505	43		XA510	43	168 9	TWRI6A	01	TWRI3S	01 2	TQ2	D3					23B
00887	XA505	44					GND	01									21B
06645	XA505	45					TWRI3S	03	TWRI3S	00 1	TQ2	D3					24B
04570	XA505	46		XA506	56	168 9	TKRS1A	01	TKRS1A	00 1	TQ2	D2					21A
04569	XA505	47					TKRS00	02	TKRS0A	01 1	TQ2	D4					25B
04573	XA505	48					TKRS10	02	TKRS1A	01 1	TQ2	D2					22A
01651	XA505	49		XA504	42	168 9	SPIO18	19	TKRS0A	01 2	TQ2	D4					26B
01650	XA505	50		XA505	49	168 9	SPIO18	18	TKRS1A	01 2	TQ2	D2					23A
04566	XA505	51		XA513	52	168 9	TKRS0A	01	TKRS0A	00 1	TQ2	D4					27B
04871	XA505	52		XA510	21	168 9	TNSGK0	01	TNSGK0	00 1	TQ2	D1					24A
04512	XA505	53		XA524	76	168 9	TKAQ2Q	07	TKBCPQ	01 1	TQ2	E3					28B

MOTOR RUN CONTROL

INPUT SYNC COUNTER

LOOK AHEAD DELAY C

WRITE COUNTER BIT

START BYTE TIMING

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RECORD NUMBER	FROM				TO				WIRE			SPEC. NO.	SIGNAL	ST. NO.	EQUATION				DESCRIPTION	
	PREFIX	CONNECTOR	PIN	SH. NO.	PREFIX	CONNECTOR	PIN	MULT. GRP.	CODE	COLOR	IDENT.				1	2	3	4		
05861		XA505	54		XA508	08			168	9		TSPAFP	01	TNSGK0	01	1	TQ2	D1	25A	
04886		XA505	55		XA508	35			168	9		TNSG1R	01	TKBCPO	01	2	TQ2	E3	29B	
05857		XA505	56									TSPACP	05	TNSGK0	01	2	TQ2	D1	26A	
04520		XA505	57									TKBCPO	06	TKBCPO	00	1	TQ2	E3	30B	
00888		XA505	58									GND	01				TQ2		27A	
05118		XA505	59									TREQCA	02	TREQRO	01	1	TQ2	E4	31B	
04526		XA505	60									TKBRSA	06	TKBRSA	00	1	TQ2	E2	28A	
05125		XA505	61		XA506	45			168	9		TREQDA	01	TREQRO	01	2	TQ2	E4	32B	
04528		XA505	62									TKBR50	02	TKBRSA	01	1	TQ2	E2	29A	
05129		XA505	63		XA506	47			168	9		TREQRO	01	TREQRO	00	1	TQ2	E4	33B	
01647		XA505	64		XA506	49			168	9		SPI018	15	TKBRSA	01	2	TQ2	E2	30A	
05343		XA505	65		XA504	11			168	9		TRTD0A	01	TRTD00	01	1	TQ2	E3	34B	
06578		XA505	66									TWRIRA	02	TWRIRA	00	1	TQ2	E1	31A	
00889		XA505	67									GND	01				TQ2		40A	
06621		XA505	68									TWR11S	05	TWRIRA	01	1	TQ2	E1	32A	
05353		XA505	69									TRTD00	09	TRTD00	00	1	TQ2	F3	35A	
06633		XA505	70									TWR12R	09	TWRIRA	01	2	TQ2	E1	33A	
05055		XA505	71		XA515	01			168	9		TREADP	01	TNSGA0	01	1	TQ2	F2	36A	
04855		XA505	72									TNSGA0	02	TNSGA0	00	1	TQ2	F2	34A	
06579		XA505	73		XA516	77			168	9		TWR11P	01	TNSGA0	01	2	TQ2	F2	36B	
01646		XA505	74		XA505	64			168	9		SPI018	14	TRTD00	01	2	TQ2	F3	35B	
06488		XA505	75						168	9		TWRQ9A	02	TWRQ9A	00	1	TQ2	F1	37B	
04459		XA505	76		XA508	71			168	9		TINT10	02	TINT1A	01	1	TQ2	F4	37A	
06485		XA505	77		XA507	42			168	9		TWRQ2Q	00	TWRQ9A	01	1	TQ2	F1	38B	
01645		XA505	78		XA505	74			168	9		SPI018	13	TINT1A	01	2	TQ2	F4	38A	
01644		XA505	79		XA505	78			168	9		SPI018	12	TWRQ9A	01	2	TQ2	F1	39B	
04457		XA505	80									TINT1A	04	TINT1A	00	1	TQ2	F4	39A	
04609		XA506	01		XA509	38			168	9		TLAD3S	02	TLAD3S	00	1	TQ2	A2	02B	
00890		XA506	02									GND	01				TQ2		01A	
04080		XA506	03		XA406	40			168	9		TDIRIS	04	URUN1A	01	1	TQ2	A3	02A	
04606		XA506	04		XA509	36			168	9		TLAD3R	01	TLAD3S	01	1	TQ2	A2	04A	
04597		XA506	05									TLAD2A	03	TLAD3S	01	2	TQ2	A2	03B	
04598		XA506	06		XA518	57			168	9		TLAD2R	01	TLAD2R	00	1	TQ2	A1	05A	
04325		XA506	07		XA522	41			168	9		TEOT10X	001	URUN1A	01	2	TQ2	A3	03A	
04603		XA506	08									TLAD2S	04	TLAD2R	01	1	TQ2	A1	06A	
05403		XA506	09									URUN1A	02	URUN1A	00	1	TQ2	A3	04B	
03481		XA506	10									TSNC1A	04	TLAD2R	01	2	TQ2	A1	07A	
06044		XA506	11									TS29S0	02	TS29SA	01	1	TQ2	A4	05B	
00165		XA506	12									+5V	01				TQ2			
01662		XA506	13		XA507	08			168	9		SPI018	30	TS29SA	01	2	TQ2	A4	06B	
05838		XA506	14		XA505	19			168	9		TSNC2A	02	TSNC2A	00	1	TQ2	B2	09A	
06041		XA506	15		XA526	29			168	9		TS29SA	01	TS29SA	00	1	TQ2	A4	07B	
00891		XA506	16									GND	01				TQ2		01B	
05846		XA506	17		XA511	08			168	9		TSNC2S	03	TSNC2R	01	1	TQ2	B3	08B	
05831		XA506	18		XA506	24			168	9		TSNC1S	03	TSNC2A	01	1	TQ2	B2	10A	
05852		XA506	19									TSNC3A	02	TSNC2R	01	2	TQ2	B3	09B	
05694		XA506	20		XA508	26			168	9		TSCK1B	41	TSNC2A	01	2	TQ2	B2	11A	
05842		XA506	21		XA525	30			168	9		TSNC2R	03	TSNC2R	00	1	TQ2	B3	10B	
CONNECTOR (XA506) CONTINUED ON THE NEXT PAGE ****																				

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PLC NUMBER	PREFIX	CONNECTOR	PIN	SH-TC	PREFIX	CONNECTOR	PIN	WAVE	COOR	IDENT	SIGNAL	SEC NO	EQUATION	3	2	1	0	TEST POINTS	PLANE	AND/OR	FILE NO
05826		XA506	22			XA505	24		168	9	TSNC1R	01	TSNC1R	00	1	TQ2	B1	12A			
04479		XA506	23								UIN7A	03	TINT50	01	1	TQ2	B4	11B			D01
05832		XA506	24			XA515	25		168	9	TSNC1S	04	TSNC1R	01	1	TQ2	B1	13A			
04480		XA506	25			XA509	55		168	9	TINT9A	01	TINT50	01	2	TQ2	B4	12B			
05825		XA506	26			XA506	10		168	9	TSNC1A	03	TSNC1R	01	2	TQ2	B1	14A			D04
04471		XA506	27			XA509	41		168	9	TINT50	02	TINT50	00	1	TQ2	B4	13B			BOT OR EQT END AND
00166		XA506	28								+5V	01				TQ2					
01655		XA506	29			XA504	26		168	9	SPI018	23	TXGN2A	01	1	TQ2	C3	14B			D04
04590		XA506	30			XA407	78		168	9	TLAD1R	03	TLAD1R	00	1	TQ2	C2	15A			
01671		XA506	31			XA514	80		168	9	SPI019	05	TXGN2A	01	2	TQ2	C3	15B			E03
00892		XA506	32								GND	01				TQ2		20B			
03400		XA506	33			XA509	66		168	9	TXGN2A	01	TXGN2A	00	1	TQ2	C3	16B			D02
04593		XA506	34			XA505	33		168	9	TLAD1S	02	TLAD1R	01	1	TQ2	C2	16A			
04602		XA506	35			XA506	08		168	9	TLAD2S	03	TLAD1A	01	1	TQ2	C4	17B			
04582		XA506	36			XA509	65		168	9	TLAD0S	02	TLAD1R	01	2	TQ2	C2	17A			
05748		XA506	37			XA504	40		168	9	TSCL3B	31	TLAD1A	01	2	TQ2	C4	18B			
06394		XA506	38								TWENCA	03	TWENCA	00	1	TQ2	C1	18A			
04587		XA506	39								TLAD1A	02	TLAD1A	00	1	TQ2	C4	19B			
06395		XA506	40			XA515	22		168	9	TWENCO	01	TWENCA	01	1	TQ2	C1	19A			
07905		XA506	41			XA434	25		168	9	TXXDIQ	01	TREQDA	01	1	TQ2	D3	22B			A03
01634		XA506	42			XA503	38		168	9	SPI018	02	TWENCA	01	2	TQ2	C1	20A			
07862		XA506	43			XA506	50		168	9	TXXCS0	04	TREQDA	01	2	TQ2	D3	23B			
00893		XA506	44								GND	01				TQ2		21B			
05126		XA506	45								TREQDA	02	TREQDA	00	1	TQ2	D3	24B			
05117		XA506	46			XA505	59		168	9	TREQCA	01	TREQCA	00	1	TQ2	D2	21A			
05130		XA506	47								TREQRO	02	TREQRA	01	1	TQ2	D4	25B			
07891		XA506	48			XA435	37		168	9	TXXDDO	01	TREQCA	01	1	TQ2	D2	22A			
01649		XA506	49			XA505	50		168	9	SPI018	17	TREQRA	01	2	TQ2	D4	26B			
07863		XA506	50								TXXCS0	05	TREQCA	01	2	TQ2	D2	23A			
05128		XA506	51								TREQRA	02	TREQRA	00	1	TQ2	D4	27B			
04568		XA506	52			XA505	47		168	9	TKRS00	01	TKRS00	00	1	TQ2	D1	24A			
04290		XA506	53			XA527	07		168	9	TEB4BP	01	TREG2A	01	1	TQ2	E3	28B			
06234		XA506	54								TTOPBP	03	TKRS00	01	1	TQ2	D1	25A			
03922		XA506	55			XA415	33		168	9	TC52BP	00	TREG2A	01	2	TQ2	E3	29B			D01
04571		XA506	56								TKRS1A	02	TKRS00	01	2	TQ2	D1	26A			
05077		XA506	57								TREG2A	02	TREG2A	00	1	TQ2	E3	30B			
00894		XA506	58								GND	01				TQ2		27A			
01648		XA506	59								TC5010	03	TRENCA	01	1	TQ2	E4	31B			D02
05074		XA506	60			XA508	75		168	9	TREG1A	01	TREG1A	00	1	TQ2	E2	28A			
01672		XA506	61								TRUNCO	02	TRENCA	01	2	TQ2	E4	32B			D02
04221		XA506	62			XA515	78		168	9	TEBZRO	01	TREG1A	01	1	TQ2	F2	29A			
03401		XA506	63			XA511	56		168	9	TREWCA	01	TREWCA	00	1	TQ2	F4	33B			D02
08109		XA506	64								TC40RP	05	TREG1A	01	2	TQ2	E2	30A			E06
05147		XA506	65			XA507	55		168	9	TREQ1S	01	TREQ1A	01	1	TQ2	F3	34B			
05138		XA506	66			XA510	53		168	9	TREQ0S	02	TREQ0S	00	1	TQ2	E1	31A			
00895		XA506	67								GND	01				TQ2		40A			
05136		XA506	68								TREQ0R	02	TREQ0S	01	1	TQ2	E1	32A			
05141		XA506	69								TREQ1A	02	TREQ1A	00	1	TQ2	F3	35A			
05131		XA506	70			XA504	76		168	9	TREQ0A	01	TREQ0S	01	2	TQ2	E1	33A			
05111		XA506	71								TREN2R	02	TREN2S	01	1	TQ2	F2	36A			

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TM 11-5895-856-34-14/EE640-CA-MMI-140/E154 CPU/TO 31W2-2T-122-14

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CONNECTOR

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	PREFIX	CONNECTOR	PIN	WIRE	PREFIX	CONNECTOR	PIN	WIRE	MULTI GROUP	CODE	COLOR	IDENT												
05113		XA506	72			XA507	71						TREN2S	02	TREN2S	00	1	TQ2	F2		34A			
05109		XA506	73										TREN2A	03	TREN2S	01	2	TQ2	F2		36B			
05689		XA506	74			XA504	75						TSCK1B	36	TREQ1A	01	2	TQ2	F3		35B			
05078		XA506	75			XA508	78						TREG3A	01	TREG3A	00	1	TQ2	F1		37B			
04911		XA506	76			XA509	19						TNSG3R	01	TNSG3S	01	1	TQ2	F4		37A			
04307		XA506	77			XA527	08						TEB5BP	01	TREG3A	01	1	TQ2	F1		38B			
04923		XA506	78										TNSG6A	02	TNSG3S	01	2	TQ2	F4		38A			
03928		XA506	79			XA411	11						TC548P	01	TREG3A	01	2	TQ2	F1		39B		D01	
04915		XA506	80										TNSG3S	03	TNSG3S	00	1	TQ2	F4		39A	GAP DETECT COUNTER		
06409		XA507	01										TWENOS	02	TWENOR	01	1	TS8	A1		02B			
00896		XA507	02										GND	01				TS8			01A			
00434		XA507	03										DNW	01				TS8						
06411		XA507	04										TWEN1A	02	TWENOR	01	2	TS8	A1		04A			
04386	C	XA507	05			XA517	47						IFPB10X	06	TWENOR	01	3	TS8	A1		03B		D01	
06329		XA507	06			XA502	18						TROY10X	0M	TWENOR	01	4	TS8	A1		05A		D04	
07423		XA507	07			XA502	07						TXRS1B	20	TWENOR	01	5	TS8	A1		03A			
01663		XA507	08			XA442	61						SPI018	31	TWENOR	01	6	TS8	A1		06A			
00435		XA507	09										DNW	01				TS8						
01298		XA507	10			XA510	69						SPI003	33	TWENOR	01	7	TS8	A1		07A		D04	
06405		XA507	11			XA512	08						TWENOR	01	TWENOR	00	1	TS8	A1		05B			
00167		XA507	12										+5V	01				TS8						
01669		XA507	13			XA507	25						SPI019	03	TWENOR	01	8	TS8	A1		06B			
06611		XA507	14										TWR10S	05	TWR10R	01	1	TS8	B1		09A			
00436		XA507	15										DNW	01				TS8						
00897		XA507	16										GND	01				TS8			21B			
00437		XA507	17										DNW	01				TS8						
05100		XA507	18			XA504	04						TREN1S	04	TWR10R	01	2	TS8	B1		10A			
06613		XA507	19										TWR11A	02	TWR10R	01	3	TS8	B1		09B			
06518		XA507	20			XA507	70						SPI020	005	TWR10R	01	4	TS8	B1		11A			
00438		XA507	21										DNW	01				TS8						
07125		XA507	22			XA429	59						TXDPEA	02	TWR10R	01	5	TS8	B1		12A		C03	
06604		XA507	23			XA512	24						TWR10R	01	TWR10R	00	1	TS8	B1		11B			
07422		XA507	24			XA507	07						TXRS1B	19	TWR10R	01	6	TS8	B1		13A			
01670		XA507	25			XA506	31						SPI019	04	TWR10R	01	7	TS8	B1		12B			
01633		XA507	26			XA506	42						SPI018	01	TWR10R	01	8	TS8	B1		14A			
00439		XA507	27										DNW	01				TS8						
00168		XA507	28										+5V	01				TS8						
00440		XA507	29										DNW	01				TS8						
06591		XA507	30			XA511	23						TWR10Q	06	TWRQ0A	01	1	TS8	C1		15A			
04613		XA507	31			XA517	41						TLCCOR	01	TWRQ0A	01	2	TS8	C1		15B			
00898		XA507	32										GND	01				TS8			27A			
00441		XA507	33										DNW	01				TS8						
06690		XA507	34			XA513	09						TWRQ3P	01	TWRQ0A	01	3	TS8	C1		16A			
06658		XA507	35			XA509	10						TWRQ0A	01	TWRQ0A	00	1	TS8	C1		17B			
06704		XA507	36			XA436	31						TWRQ4Q	01	TWRQ0A	01	4	TS8	C1		17A			
05747		XA507	37			XA506	37						TSCL3B	30	TWRQ0A	01	5	TS8	C1		18B			
01299		XA507	38										TWRQOP	02	TWRQ0A	01	6	TS8	C1		18A		D01	
00442		XA507	39										DNW	01				TS8						
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TM 11-5895-856-34-14/EE640-CA-MMI-140/E154 CPU/TO 31W2-2T-122-14

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CONNECTOR

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RECORD NUMBER	FROM				TO				WIRE				SIGNAL	SEQ NO	EQUATION	TERM	FACTOR	CKT OR CHIP TYPE	GROUP	LOAD OR POWER PLANE	TEST POINTS AND/OR	SIGNAL DESCRIPTION	ECO NO	
	PREFIX	CONNECTOR	PIN	LU	PREFIX	CONNECTOR	PIN	LU	MULTI GROUP	CODE	COLOR	IDENT												
01716		XA507	40			XA513	11						TWR01P	01	TWR00A	01	7	TS8	C1		19A		D01	
00443		XA507	41										DNW	01				TS8						
01667		XA507	42			XA514	78						TWR020	01	TWR00A	01	8	TS8	C1		20A		E01	
04729		XA507	43			XA540	55						TLRC00	01	TLRCAA	01	1	TS8	D1		23B			
00899		XA507	44										GND	01				TS8			40A			
00444		XA507	45										DNW	01				TS8						
04734		XA507	46			XA540	63						TLRC10	01	TLRCAA	01	2	TS8	D1		21A			
04695		XA507	47			XA407	53						TLRCAA	01	TLRCAA	00	1	TS8	D1		25B			
04741		XA507	48										TLRC20	03	TLRCAA	01	3	TS8	D1		22A			
04746		XA507	49										TLRC30	03	TLRCAA	01	4	TS8	D1		26B			
04751		XA507	50										TLRC40	03	TLRCAA	01	5	TS8	D1		23A			
00445		XA507	51										DNW	01				TS8						
04756		XA507	52										TLRC50	03	TLRCAA	01	6	TS8	D1		24A			
00446		XA507	53										DNW	01				TS8						
04759		XA507	54			XA540	78			168	9		TLRC60	01	TLRCAA	01	7	TS8	D1		25A			
05148		XA507	55			XA510	57			168	9		TREQ1S	02	TREQ4A	01	1	TS8	E1		29B			
04764		XA507	56			XA541	74			168	9		TLRC70	01	TLRCAA	01	8	TS8	D1		26A		E01	
00447		XA507	57										DNW	01				TS8						
00900		XA507	58										GND	01				TS8						
05163		XA507	59										TREQ4A	02	TREQ4A	00	1	TS8	E1		31B			
05115		XA507	60			XA431	17			168	9		TREN2S	04	TREQ4A	01	2	TS8	E1		28A			
04808		XA507	61			XA512	11			168	9		TMO2BP	04	TREQ4A	01	3	TS8	E1		32B			
04818		XA507	62										TMO3BP	04	TREQ4A	01	4	TS8	E1		29A			
00448		XA507	63										DNW	01				TS8						
04836		XA507	64			XA511	13			168	9		TMO48Q	05	TREQ4A	01	5	TS8	E1		30A			
00449		XA507	65										DNW	01				TS8						
06033		XA507	66			XA515	55			168	9		TS29CP	01	TREQ4A	01	6	TS8	E1		31A			
00901		XA507	67										GND	01				TS8						
05743		XA507	68			XA509	61			168	9		TSCL3B	26	TREQ4A	01	7	TS8	E1		32A			
00450		XA507	69										DNW	01				TS8						
01700		XA507	70			XA507	79			168	9		SPI020	01	TREQ4A	01	8	TS8	E1		33A			
05114		XA507	71			XA507	60			168	9		TREN2S	03	TREN2R	01	1	TS8	F1		36A			
05094		XA507	72										TREN1A	03	TREN2R	01	2	TS8	F1		34A			
04918		XA507	73			XA508	62			168	9		TNSG5A	01	TREN2R	01	3	TS8	F1		36B			
07897		XA507	74										TXX01A	03	TREN2R	01	4	TS8	F1		35B			
07467		XA507	75										TXRS2B	32	TREN2R	01	5	TS8	F1		37B			
05110		XA507	76			XA506	71			168	9		TREN2R	01	TREN2R	00	1	TS8	F1		37A		D04	
01673		XA507	77			XA517	80			168	9		TREN3A	01	TREN2R	01	6	TS8	F1		38B			
01290		XA507	78			XA504	77			168	9		SPI003	25	TREN2R	01	7	TS8	F1		38A			
01701		XA507	79			XA511	79			168	9		SPI020	02	TREN2R	01	8	TS8	F1		39B			
00451		XA507	80										DNW	01				TS8						
05867		XA508	01										TSPAFO	02	TNSGFA	01	1	TD4	A2		02B			
00902		XA508	02										GND	01				TD4			01A			
00452		XA508	03										DNW	01				TD4						
06086		XA508	04			XA508	43			168	9		TTMDCO	01	TNSGFA	01	2	TD4	A2		04A			
04908		XA508	05										TNSG2S	10	TNSGFA	01	3	TD4	A2		03B			
05856		XA508	06			XA505	56			168	9		TSPACP	04	TNSGDO	01	1	TD4	A1		05A			
05759		XA508	07			XA509	03			168	9		TSCK3B	42	TNSGFA	01	4	TD4	A2		03A			
CONNECTOR		XA508	CONTINUED ON THE NEXT PAGE ****																					

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RECORD NUMBER	FROM				TO				WIRE				SFC INST WIRE	SIGNAL	SEQ NO	EQUATION	TERM	FACTOR	CKT OR CHIP TYPE	GROUP	LOAD OR POWER PLANE	TEST POINTS AND/OR	SIGNAL DESCRIPTION	ECO NO
	PREFIX	CONNECTOR	PIN	CH	PREFIX	CONNECTOR	PIN	CH	MULTI-GROUP	CODE	COLOR	IDENT												
05862		XA508	08		XA515	07				16B	9		TSPAFF	02	TNSGDD	01	2	TD4	A1		06A			
04863		XA508	09										TNSGEA	02	TNSGEA	00	1	TD4	A2		04B	SPACE FILE REQUEST		
04448		XA508	10										THISPP	04	TNSGDD	01	3	TD4	A1		07A			
04860		XA508	11		XA410	75				16B	9		TNSGDD	01	TNSGDD	00	1	TD4	A1		05B			
00169		XA508	12										+5V	01				TD4						
01717		XA508	13		XA509	05				16B	9		SPIO20	18	TNSGDD	01	4	TD4	A1		06B			
04079		XA508	14		XA506	03				16B	9		TDRIS	03	TNSGJA	01	1	TD4	B2		09A			
00453		XA508	15										DNW	01				TD4						
00903		XA508	16										GND	01				TD4			20B			
00454		XA508	17										DNW	01				TD4						
04700		XA508	18		XA408	63				16B	9		TLRCBA	02	TNSGJA	01	2	TD4	B2		10A			
04907		XA508	19		XA508	05				16B	9		TNSG2S	09	TNSGJA	01	3	TD4	B2		09B			
05761		XA508	20		XA508	34				16B	9		TSCK3B	44	TNSGJA	01	4	TD4	B2		11A			
04867		XA508	21		XA526	27				16B	9		TNSGJA	02	TNSGJA	00	1	TD4	B2		10B	IRC PARITY ERROR D		
04881		XA508	22		XA508	49				16B	9		TNSGOS	01	TNSG2A	01	1	TD4	B1		12A			
04895		XA508	23										TNSG2A	02	TNSG2A	00	1	TD4	B1		11B			
05885		XA508	24		XA407	30				16B	9		TSPNIS	03	TNSG2A	01	2	TD4	B1		13A		D01	
08050		XA508	25		XA520	14				16B	9		T080U0	01	TNSG2A	01	3	TD4	B1		12B		D01	
05695		XA508	26		XA510	26				16B	9		TSCK1B	42	TNSG2A	01	4	TD4	B1		14A			
00455		XA508	27										DNW	01				TD4						
00170		XA508	28										+5V	01				TD4						
00456		XA508	29										DNW	01				TD4						
01460		XA508	30										THISPQ	03	TFST6A	01	1	TD4	C2		15A			
01668		XA508	31		XA518	75				16B	9		TWRG2S	01	TFST6A	01	2	TD4	C2		15B			
00904		XA508	32										GND	01				TD4			21B			
03402		XA508	33		XA418	66				16B	9		TFST6A	01	TFST6A	00	1	TD4	C2		16B			
01300		XA508	34		XA509	25				16B	9		TSCK3B	445	TFST6A	01	3	TD4	C2		14A			
04887		XA508	35		XA512	48				16B	9		TNSG1R	02	TNSG1R	00	1	TD4	C1		17B			
01714		XA508	36		XA508	50				16B	9		SPIO20	15	TFST6A	01	4	TD4	C2		17A			
04892		XA508	37		XA512	46				16B	9		TNSG1S	03	TNSG1R	01	1	TD4	C1		18B			
04910		XA508	38										TNSG3A	02	TNSG1R	01	2	TD4	C1		18A			
00457		XA508	39										DNW	01				TD4						
05087		XA508	40		XA518	23				16B	9		TRENOS	02	TNSG1R	01	3	TD4	C1		19A			
00458		XA508	41										DNW	01				TD4						
07425		XA508	42		XA509	42				16B	9		TXRS1B	22	TNSG1R	01	4	TD4	C1		20A			
06087		XA508	43		XA505	30				16B	9		TTMDC0	02	TNSG1A	01	1	TD4	D2		23B			
00905		XA508	44										GND	01				TD4			27A			
04865		XA508	45										TNSG1A	02	TNSG1A	00	1	TD4	D2		24B	TAPE MARK DETECTED		
04899		XA508	46		XA511	48				16B	9		TNSG2S	01	TNSG1A	01	2	TD4	D2		21A			
04880		XA508	47										TNSGOR	03	TNSGOR	00	1	TD4	D1		25B			
05746		XA508	48		XA507	37				16B	9		TSCL3B	29	TNSG1A	01	3	TD4	D2		22A			
04882		XA508	49		XA512	52				16B	9		TNSGOS	02	TNSGOR	01	1	TD4	D1		24B			
01715		XA508	50		XA508	13				16B	9		SPIO20	16	TNSG1A	01	4	TD4	D2		23A		D01	
00459		XA508	51										DNW	01				TD4						
04885		XA508	52										TNSG1A	02	TNSGOR	01	2	TD4	D1		24A			
00460		XA508	53										DNW	01				TD4						
05086		XA508	54		XA508	40				16B	9		TRENOS	01	TNSGOR	01	3	TD4	D1		25A			
05083		XA508	55										TRENQA	04	TKBR50	01	1	TD4	E2		29B			
07466		XA508	56		XA507	75				16B	9		TXRS2B	31	TNSGOR	01	4	TD4	D1		26A			
04527		XA508	57		XA505	62				16B	9		TKBR50	01	TKBR50	00	1	TD4	E2		30B			
CONNECTOR	XA508	CONTINUED ON THE NEXT PAGE ****																						

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TM 11-5895-856-34-14/EE640-CA-MMI-140/E154 CPU/TO 31W2-2T-122-14

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UNIT ASSEMBLY NAME CARD CAGE ASSY, A, IFCU

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RECORD NUMBER	FROM				TO				WIRF				SIGNAL	SEQ NO	EQUATION	TERM	FACTOR	CAT OR CHIP TYPE	GROUP	LOAD OR POWER PLANE	TEST POINTS AND/OR	SIGNAL DESCRIPTION	ECO NO
	PREFIX	CONNECTOR	PIN	PLC	PREFIX	CONNECTOR	PIN	PLC	MULTI GROUP	CODE	LOLON	IDEN.											
00906		XA508	58										GND	01				TD4			40A		
06622		XA508	59			XA511	49			168	9		TWR12A	01	TWR12A	00	1	TD4	E1		31B		
04876		XA508	60			XA512	56			168	9		TNSGOA	02	TKBR50	01	2	TD4	E2		28A		
06607		XA508	61			XA510	56			168	9		TWR10S	01	TWR12A	01	1	TD4	E1		32B		
04919		XA508	62			XA512	39			168	9		TNSG5A	02	TKBR50	01	3	TD4	E2		29A		
00461		XA508	63										DNW	01				TD4					
07465		XA508	64			XA508	56			168	9		TXRS2B	30	TKBR50	01	4	TD4	E2		30A		
00462		XA508	65										DNW	01				TD4					
06632		XA508	66			XA505	70			168	9		TWR12R	08	TWR12A	01	2	TD4	E1		31A		
00907		XA508	67										GND	01				TD4			40B		
06640		XA508	68			XA510	51			168	9		TWR13R	01	TWR12A	01	3	TD4	E1		32A		
04463		XA508	69			XA503	48			168	9		TINT2A	03	TINT2A	00	1	TD4	F2		35A		
05742		XA508	70			XA507	68			168	9		TSCL3B	25	TWR12A	01	4	TD4	E1		33A		
04460		XA508	71										TINT10	03	TINT2A	01	1	TD4	F2		36A		
05066		XA508	72			XA425	57			168	9		TREDBP	02	TINT2A	01	2	TD4	F2		34A		
05172		XA508	73			XA407	19			168	9		TREWDP	02	TINT2A	01	3	TD4	F2		36B		
06060		XA508	74			XA502	77			168	9		TTASLP	02	TINT2A	01	4	TD4	F2		35B		
05075		XA508	75										TREG1A	02	TREG00	01	1	TD4	F1		37B		
05073		XA508	76										TREG00	02	TREG00	00	1	TD4	F1		37A	ERASE STOP	
05076		XA508	77			XA506	57			168	9		TREG2A	01	TREG00	01	2	TD4	F1		38B		
05079		XA508	78										TREG3A	02	TREG00	01	3	TD4	F1		38A		
08043		XA508	79										T0095A	03	TREG00	01	4	TD4	F1		39B		
00463		XA508	80										DNW	01				TD4					
06696		XA509	01			XA510	33			168	9		TWRQ3S	01	TWRQ5A	01	1	TT3	A2		02B		
00908		XA509	02										GND	01				TT3			01B		
05760		XA509	03			XA508	20			168	9		TSCK3B	43	TWRQ5A	01	2	TT3	A2		02A		
06665		XA509	04			XA510	06			168	9		TWRQ0S	01	TWRQ0S	00	1	TT3	A1		04A		
01718		XA509	05			XA512	05			168	9		SPIO20	19	TWRQ5A	01	3	TT3	A2		03B		
06664		XA509	06										TWRQ0R	03	TWRQ0S	01	1	TT3	A1		05A		
06707		XA509	07			XA511	05			168	9		TWRQ5A	02	TWRQ5A	00	1	TT3	A2		03A		
06711		XA509	08										TWRQ6A	02	TWRQ0S	01	2	TT3	A1		06A		
05973		XA509	09										TSTR1R	03	TSTRRA	01	1	TT3	A3		04B		
06659		XA509	10										TWRQ0A	02	TWRQ0S	01	3	TT3	A1		07A		
05968		XA509	11										TSTR0S	05	TSTRRA	01	2	TT3	A3		05B		
00171		XA509	12										+5V	01				TT3					
05914		XA509	13			XA410	61			168	9		TSTPOR	05	TSTRRA	01	3	TT3	A3		06B		
04913		XA509	14			XA512	35			168	9		TNSG3S	01	TNSG3R	01	1	TT3	B2		09A		
05958		XA509	15			XA418	04			168	9		TSTRRA	01	TSTRRA	00	1	TT3	A3		07B		
00909		XA509	16										GND	01				TT3			21B		
04924		XA509	17			XA511	39			168	9		TNSG7A	01	TNSG3R	01	2	TT3	B2		08B		
07420		XA509	18			XA509	26			168	9		TXRS1B	17	TNSG3R	01	3	TT3	B2		10A		
04912		XA509	19										TNSG3R	02	TNSG3R	00	1	TT3	B2		09B		
04896		XA509	20			XA511	35			168	9		TNSG2R	01	TNSG2R	00	1	TT3	B1		11A		
04854		XA509	21			XA505	72			168	9		TNSGAA	01	TNSGAA	01	1	TT3	B3		10B		
04904		XA509	22			XA510	23			168	9		TNSG2S	06	TNSG2R	01	1	TT3	B1		12A		
04906		XA509	23			XA508	19			168	9		TNSG2S	08	TNSGAA	01	2	TT3	B3		11B		
04921		XA509	24										TNSG5A	04	TNSG2R	01	2	TT3	B1		13A		
05762		XA509	25			XA510	25			168	9		TSCK3B	45	TNSGAA	01	3	TT3	B3		12B		
CONNECTOR		XA509	CONTINUED ON THE NEXT PAGE ****																				

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RECORD NUMBER	FROM				TO				WIRE				SFC INST WIRE	SIGNAL	SEQ NO	EQUATION	TERM	FACTOR	C/T OR CHIP TYPE	GROUP	LOAD OR POWER PLANE	TEST POINTS AND/OR	SIGNAL DESCRIPTION	ECO NO		
	PREFIX	CONNECTOR	PIN	WIRE	PREFIX	CONNECTOR	PIN	WIRE	MULTI GROUP	CODE	COLOR	IDENT														
07421		XA509	26			XA507	24							TXRS1B	18	TNSG2R	01	3	TT3	B1		14A				
04853		XA509	27											TNSGAA	02	TNSGAA	00	1	TT3	B3		13B	SPACE REC/FILE, HT			
00172		XA509	28											+5V	01				TT3							
04891		XA509	29			XA508	37							TNSG1S	02	TNSG1A	01	1	TT3	C2		14B				
05764		XA509	30			XA511	31							TSCK3B	47	TNSG1A	01	2	TT3	C2		15A				
04884		XA509	31			XA508	52							TNSG1A	01	TNSG1A	00	1	TT3	C2		15B				
00910		XA509	32											GND	01				TT3			27A				
06369		XA509	33											TWDEPR	03	TWDRCA	01	1	TT3	C3		16B				
01713		XA509	34			XA508	36							SPIO20	14	TNSG1A	01	3	TT3	C2		16A				
03947		XA509	35											TC71BQ	03	TWDRCA	01	2	TT3	C3		17B				
04607		XA509	36											TLAD3R	02	TLAD3R	00	1	TT3	C1		17A		E03		
03950		XA509	37			XA415	45							TC72BP	02	TWDRCA	01	3	TT3	C3		18B				
04610		XA509	38											TLAD3S	03	TLAD3R	01	1	TT3	C1		18A				
06312		XA509	39											TWDRCA	02	TWDRCA	00	1	TT3	C3		19B				
04604		XA509	40			XA505	39							TLAD3A	01	TLAD3R	01	2	TT3	C1		19A				
04472		XA509	41											TINT50	03	TINT5A	01	1	TT3	D2		22B				
07426		XA509	42			XA510	42							TXRS1B	23	TLAD3R	01	3	TT3	C1		20A				
04466		XA509	43			XA410	66							TINT5A	02	TINT5A	00	1	TT3	D2		23B				
00911		XA509	44											GND	01				TT3			40A				
04846		XA509	45			XA512	45							TNDA10	01	TNDASA	01	1	TT3	D3		24B				
03765		XA509	46			XA417	78							TCSD0Q	02	TINT5A	01	2	TT3	D2		21A				
05451		XA509	47			XA509	48							TRW14A	02	TNDASA	01	2	TT3	D3		25B				
05452		XA509	48			XA523	51							TRW14A	03	TINT5A	01	3	TT3	D2		22A				
04851		XA509	49											TNDA3A	02	TNDASA	01	3	TT3	D3		26B				
04596		XA509	50			XA506	05							TLAD2A	02	TLAD2A	00	1	TT3	D1		23A				
04842		XA509	51			XA526	51							TNDASA	02	TNDASA	00	1	TT3	D3		27B	NO DATA ERROR			
04592		XA509	52			XA506	34							TLAD1S	01	TLAD2A	01	1	TT3	D1		24A				
03534		XA509	53											TBOT1S	04	TINT9A	01	1	TT3	E2		28B				
08039		XA509	54			XA520	06							TO03MO	01	TLAD2A	01	2	TT3	D1		25A				
04481		XA509	55											TINT9A	02	TINT9A	00	1	TT3	E2		29B				
05685		XA509	56			XA512	61							TSCK1B	32	TLAD2A	01	3	TT3	D1		26A				
05844		XA509	57			XA505	21							TSNC2S	01	TSC11A	01	1	TT3	E3		30B				
00912		XA509	58											GND	01				TT3			40B				
03493		XA509	59			XA522	34							TBUSYR	04	TSC11A	01	2	TT3	E3		31B				
04073		XA509	60			XA519	23							TDIRIR	04	TINT9A	01	2	TT3	E2		28A				
05744		XA509	61			XA509	62							TSCL3B	27	TSC11A	01	3	TT3	E3		32B				
05745		XA509	62			XA508	48							TSCL3B	28	TINT9A	01	3	TT3	E2		29A				
05652		XA509	63			XA503	71							TSC11A	01	TSC11A	00	1	TT3	E3		33B				
04478		XA509	64			XA506	23							UINT7A	02	UINT7A	00	1	TT3	E1		30A		D01		
04583		XA509	65			XA509	75							TLAD0S	03	TLAD0R	01	1	TT3	E2		34B				
04348		XA509	66			XA518	62							TXGN2A	02	UINT7A	01	1	TT3	E1		31A		D01		
00913		XA509	67											GND	01				TT3							
04078		XA509	68			XA508	14							TDIRIS	02	UINT7A	01	2	TT3	E1		32A		D01		
06574		XA509	69			XA425	31							TWRIFQ	01	TNSGMA	01	1	TT3	E3		35A		B08		
05741		XA509	70			XA508	70							TSCL3B	24	UINT7A	01	3	TT3	E1		33A		D01		
04586		XA509	71			XA506	39							TLAD1A	01	TLAD0R	01	2	TT3	E2		36A				
07464		XA509	72			XA508	64							TXRS2B	29	TLAD0R	01	3	TT3	F2		34A				
04576		XA509	73			XA505	31							TLAD0A	01	TLAD0A	00	1	TT3	F1		36B				
04580		XA509	74											TLAD0R	03	TLAD0R	00	1	TT3	F2		35B				
04584		XA509	75			XA510	74							TLAD0S	04	TLAD0A	01	1	TT3	F1		37B				
CONNECTOR		XA509	CONTINUED ON THE NEXT PAGE				****																			

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RECORD NUMBER	FROM				TO				WIRE				SIGNAL	SEQ NO	EQUATION	TERM	FACTOR	CKT OR CHIP TYPE	GROUP	LOAD OR POWER PLANE	TEST POINTS AND/OR	SIGNAL DESCRIPTION	ECO NO		
	PREFIX	CONNECTOR	PIN	WIRE	PREFIX	CONNECTOR	PIN	WIRE	MULTI GROUP	CODE	COLOR	IDENT												WIRE	
06556		XA509	76			XA410	69						168	9											
03798		XA509	77			XA409	59						168	9											
05740		XA509	78			XA509	70						168	9											
05688		XA509	79			XA506	74						168	9											
04873		XA509	80			XA503	74						168	9											
06675		XA510	01			XA511	17						168	9											
00914		XA510	02											9											
06688		XA510	03			XA512	21						168	9											
06663		XA510	04			XA509	06						168	9											
07418		XA510	05			XA510	10						168	9											
06666		XA510	06			XA512	18						168	9											
06674		XA510	07											9											
06669		XA510	08			XA418	60						168	9											
06687		XA510	09											9											
07419		XA510	10			XA509	18						168	9											
04782		XA510	11			XA514	33						168	9											
00173		XA510	12											9											
05697		XA510	13			XA513	10						168	9											001
05860		XA510	14											9											
06700		XA510	15											9											
00915		XA510	16											9											
04903		XA510	17			XA509	22						168	9											
05771		XA510	18			XA511	10						168	9											
04857		XA510	19											9											
04916		XA510	20			XA512	31						168	9											
04872		XA510	21											9											
04890		XA510	22			XA509	29						168	9											
04905		XA510	23			XA509	23						168	9											
08046		XA510	24			XA520	22						168	9											
05763		XA510	25			XA509	30						168	9											E03
05696		XA510	26			XA510	13						168	9											
04870		XA510	27											9											
00174		XA510	28											9											
06686		XA510	29			XA510	09						168	9											
06706		XA510	30			XA509	07						168	9											
06684		XA510	31											9											
00916		XA510	32											9											
06697		XA510	33			XA512	38						168	9											
07429		XA510	34			XA510	37						168	9											
06712		XA510	35			XA511	30						168	9											
05913		XA510	36			XA509	13						168	9											
07428		XA510	37										168	9											
05923		XA510	38											9											
06695		XA510	39											9											
05924		XA510	40			XA408	66						168	9											
06634		XA510	41			XA511	66						168	9											
07427		XA510	42			XA513	36						168	9											
06651		XA510	43											9											
		CONNECTOR	XA510			CONTINUED ON THE NEXT PAGE ****																			

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	PREFIX	CONNECTOR	PIN	WIRE	PREFIX	CONNECTOR	PIN	WIRE	MULTI GROUP	CODE	COLOR	IDENT									AND	OR		
00917		XA510	44										GND	01			TT3				40A			
06644		XA510	45		XA505	45			16B	9			TWRI3S	02	TWRI3R	01	1	TT3	D3		24B			
08066		XA510	46		XA522	75			16B	9			T198U0	01	TWRI6A	01	2	TT3	D2		21A		D01	
06648		XA510	47		XA511	60			16B	9			TWRI5A	01	TWRI3R	01	2	TT3	D3		25B			
05684		XA510	48		XA509	56			16B	9			TSCK1B	31	TWRI6A	01	3	TT3	D2		22A			
07460		XA510	49		XA510	61			16B	9			TXRS2B	25	TWRI3R	01	3	TT3	D3		26B			
06615		XA510	50		XA504	62			16B	9			TWRI1R	02	TWRI1R	00	1	TT3	D1		23A			
06641		XA510	51		XA505	41			16B	9			TWRI3R	02	TWRI3R	00	1	TT3	D3		27B			
06618		XA510	52		XA511	51			16B	9			TWRI1S	02	TWRI1R	01	1	TT3	D1		24A			
05139		XA510	53										TREQ0S	03	TREQ0R	01	1	TT3	F2		28B			
06639		XA510	54										TWRI3A	02	TWRI1R	01	2	TT3	D1		25A			
05135		XA510	55		XA506	68			16B	9			TREQ0R	01	TREQ0R	00	1	TT3	F2		29B			
06608		XA510	56		XA515	43			16B	9			TWRI0S	02	TWRI1R	01	3	TT3	D1		26A			
05149		XA510	57		XA512	30			16B	9			TREQ1S	03	TREQ1R	01	1	TT3	F3		30B			
00918		XA510	58										GND	01			TT3				40B			
05157		XA510	59		XA525	11			16B	9			TREQ3A	02	TREQ1R	01	2	TT3	F3		31B		D01	
05140		XA510	60		XA506	69			16B	9			TREQ1A	01	TREQ0R	01	2	TT3	E2		28A			
07461		XA510	61		XA510	62			16B	9			TXRS2B	26	TREQ1R	01	3	TT3	F3		32B			
07462		XA510	62		XA510	70			16B	9			TXRS2B	27	TREQ0R	01	3	TT3	E2		29A			
05145		XA510	63		XA512	34			16B	9			TREQ1R	02	TREQ1R	00	1	TT3	F3		33B			
04646		XA510	64										TLCC3R	02	TLCC3R	00	1	TT3	E1		30A			
04579		XA510	65		XA509	74			16B	9			TLAD0R	02	TLAD0S	01	1	TT3	F2		34B			
04647		XA510	66		XA511	57			16B	9			TLCC3S	01	TLCC3R	01	1	TT3	E1		31A			
00919		XA510	67										GND	01			TT3							
04643		XA510	68		XA512	63			16B	9			TLCC3A	01	TLCC3R	01	2	TT3	E1		32A			
04702		XA510	69										SPI003	35	TTMDCA	01	1	TT3	F3		35A		D06	
07463		XA510	70		XA509	72			16B	9			TXRS2B	28	TLCC3R	01	3	TT3	E1		33A			
04456		XA510	71		XA505	80			16B	9			TINT1A	03	TLAD0S	01	2	TT3	F2		36A			
04465		XA510	72		XA509	43			16B	9			TINT5A	01	TLAD0S	01	3	TT3	F2		34A			
03693		XA510	73		XA418	07			16B	9			TCRSCA	01	TCRSCA	00	1	TT3	F1		36B			
04585		XA510	74										TLAD0S	05	TLAD0S	00	1	TT3	F2		35B		LOOK AHEAD DELAY C	
04494		XA510	75		XA514	49			16B	9			TKA01Q	06	TCRSCA	01	1	TT3	F1		37B			
04548		XA510	76		XA514	59			16B	9			TKCOOP	02	TTMDCA	01	2	TT3	F3		37A			
04504		XA510	77		XA503	06			16B	9			TKA02P	05	TCRSCA	01	2	TT3	F1		38B			
04555		XA510	78		XA513	61			16B	9			TKC01Q	01	TTMDCA	01	3	TT3	F3		38A			
05739		XA510	79		XA509	78			16B	9			TSCL3B	22	TCRSCA	01	3	TT3	F1		39B			
06085		XA510	80										TTMDCA	02	TTMDCA	00	1	TT3	F3		39A			
04797		XA511	01		XA512	04			16B	9			TM00S0	01	TM00S0	00	1	TQ2	A2		02B			
00920		XA511	02										GND	01			TQ2				01A			
05151		XA511	03		XA512	36			16B	9			TREQ2A	01	TM01S0	01	1	TQ2	A3		02A			
05229		XA511	04										TRMROA	02	TM00S0	01	1	TQ2	A2		04A			
06708		XA511	05		XA425	75			16B	9			TWRQ5A	03	TM00S0	01	2	TQ2	A2		03B			
05824		XA511	06		XA506	26			16B	9			TSNC1A	02	TSNC1A	00	1	TQ2	A1		05A			
06624		XA511	07										TWRI2A	03	TM01S0	01	2	TQ2	A3		03A			
05847		XA511	08		XA515	19			16B	9			TSNC2S	04	TSNC1A	01	1	TQ2	A1		06A			
04803		XA511	09		XA512	03			16B	9			TM01S0	01	TM01S0	00	1	TQ2	A3		04B			
05772		XA511	10		XA515	13			16B	9			TSCK3B	55	TSNC1A	01	2	TQ2	A1		07A			
04810		XA511	11		XA514	34			16B	9			TM02BQ	01	TM0CPA	01	1	TQ2	A4		05B			
CONNECTOR	XA511	CONTINUED ON THE NEXT PAGE ****																						

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	PREFIX	CONNECTOR	PIN	NO	PREFIX	CONNECTOR	PIN	NO	MULTI GROUP	CODE	COLOR													IDEN.
00175		XA511	12										+5V	01										
04837		XA511	13			XA512	13			16B	9		TM04B0	06	TM0CPA	01 2	TQ2	A4			06B			
06496		XA511	14			XA517	48			16B	9		TADSAA	01	TADSAA	00 1	TQ2	B2			09A		001	
04789		XA511	15			XA513	42			16B	9		TM0CPA	01	TM0CPA	00 1	TQ2	A4			07B			
00921		XA511	16										GND	01			TQ2				01B			
06676		XA511	17			XA516	66			16B	9		TWRQ1S	02	TWRQ1A	01 1	TQ2	B3			08B			
06535		XA511	18			XA421	43			16B	9		TADSAOX	0M	TADSAA	01 1	TQ2	B2			10A		001	
05770		XA511	19			XA510	10			16B	9		TSCK3B	53	TWRQ1A	01 2	TQ2	B3			09B			
01721		XA511	20			XA513	15			16B	9		SPIO20	22	TADSAA	01 2	TQ2	B2			11A		001	
06668		XA511	21			XA510	08			16B	9		TWRQ1A	01	TWRQ1A	00 1	TQ2	B3			10B			
04825		XA511	22			XA514	38			16B	9		TM03RA	01	TM03RA	00 1	TQ2	B1			12A			
06592		XA511	23			XA515	06			16B	9		TWRITQ	07	TWRQ6A	01 1	TQ2	B4			11B			
04792		XA511	24										TM00BP	02	TM03RA	01 1	TQ2	B1			13A			
06008		XA511	25			XA516	55			16B	9		TSTR90	01	TWRQ6A	01 2	TQ2	B4			12B			
04800		XA511	26										TM01BP	02	TM03RA	01 2	TQ2	B1			14A			
06710		XA511	27			XA509	08			16B	9		TWRQ6A	01	TWRQ6A	00 1	TQ2	B4			13B			
00176		XA511	28										+5V	01			TQ2							
04902		XA511	29			XA510	17			16B	9		TNSG2S	04	TNSG6A	01 1	TQ2	C3			14B			
06713		XA511	30										TWRQ7A	02	TWR07A	00 1	TQ2	C2			15A			
05765		XA511	31			XA511	37			16B	9		TSCK3B	48	TNSG6A	01 2	TQ2	C3			15B			
00922		XA511	32										GND	01			TQ2				20B			
04922		XA511	33			XA506	78			16B	9		TNSG6A	01	TNSG6A	00 1	TQ2	C3			16B			
06683		XA511	34			XA510	31			16B	9		TWRQ2R	02	TWR07A	01 1	TQ2	C2			16A			
04897		XA511	35			XA512	29			16B	9		TNSG2R	02	TNSG7A	01 1	TQ2	C4			17B			
05683		XA511	36			XA411	52			16B	9		TSCL1B	30	TWR07A	01 2	TQ2	C2			17A			
05766		XA511	37			XA511	50			16B	9		TSCK3B	49	TNSG7A	01 2	TQ2	C4			18B			
06685		XA511	38			XA510	29			16B	9		TWRQ2S	01	TWR02S	00 1	TQ2	C1			18A			
04925		XA511	39										TNSG7A	02	TNSG7A	00 1	TQ2	C4			19B			
06682		XA511	40			XA511	34			16B	9		TWRQ2R	01	TWR02S	01 1	TQ2	C1			19A			
06311		XA511	41			XA509	39			16B	9		TWDBCA	01	TWDBCO	01 1	TQ2	D3			22B			
07223		XA511	42			XA520	41			16B	9		TXED3A	01	TWR02S	01 2	TQ2	C1			20A			
01712		XA511	43			XA509	34			16B	9		SPIO20	13	TWDBCO	01 2	TQ2	D3			23B			
00923		XA511	44										GND	01			TQ2				21B			
06315		XA511	45			XA516	49			16B	9		TWDBCO	01	TWDBCO	00 1	TQ2	D3			24B			
04909		XA511	46			XA508	38			16B	9		TNSG3A	01	TNSG3A	00 1	TQ2	D2			21A			
06614		XA511	47			XA510	50			16B	9		TWR11R	01	TWR11S	01 1	TQ2	D4			25B			
04900		XA511	48			XA512	33			16B	9		TNSG2S	02	TNSG3A	01 1	TQ2	D2			22A			
06623		XA511	49			XA511	07			16B	9		TWR12A	02	TWR11S	01 2	TQ2	D4			26B			
05767		XA511	50			XA512	49			16B	9		TSCK3B	50	TNSG3A	01 2	TQ2	D2			23A			
06619		XA511	51			XA512	70			16B	9		TWR11S	03	TWR11S	00 1	TQ2	D4			27B	WRITE COUNTER BIT		
03403		XA511	52			XA543	43			16B	9		TREWCO	01	TREWCO	00 1	TQ2	D1			24A		001	
04645		XA511	53			XA510	64			16B	9		TLCC3R	01	TLCC3S	01 1	TQ2	F3			28B			
01711		XA511	54			XA511	43			16B	9		SPIO20	12	TREWCO	01 1	TQ2	D1			25A		001	
04652		XA511	55			XA518	51			16B	9		TLCC6A	01	TLCC3S	01 2	TQ2	F3			29B			
01679		XA511	56			XA543	50			16B	9		TREWCA	02	TREWCO	01 2	TQ2	D1			26A		004	
04648		XA511	57			XA512	23			16B	9		TLCC3S	02	TLCC3S	00 1	TQ2	F3			30B	WRITE LBC CHAR COL		
00924		XA511	58										GND	01			TQ2				27A			
04638		XA511	59			XA512	57			16B	9		TLCC2S	01	TLCC2R	01 1	TQ2	F4			31B			
06649		XA511	60										TWR15A	02	TWR15A	00 1	TQ2	E2			28A			
04628		XA511	61			XA518	41			16B	9		TLCC1S	02	TLCC2R	01 2	TQ2	F4			32B			
CONNECTOR	XA511	CONTINUED ON THE NEXT PAGE ****																						

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	PREFIX	CONNECTOR	PIN	USE	PREFIX	CONNECTOR	PIN	USE	MULTI GROUP	CODE	COLOR												
06630		XA511	62		XA511	68				168	9		TWR12R	06	TWR15A	01	1	TQ2	E2		29A		
04636		XA511	63		XA512	79				168	9		TLCC2R	03	TLCC2R	00	1	TQ2	F4		33B		
05687		XA511	64		XA509	79				168	9		TSCK1B	34	TWR15A	01	2	TQ2	E2		30A		
05341		XA511	65		XA503	35				168	9		TRTDPA	02	TWPE00	01	1	TQ2	F3		34B		D01
06635		XA511	66		XA512	68				168	9		TWRT2S	02	TWR12S	00	1	TQ2	E1		31A	WRITE COUNTER BIT	
00925		XA511	67										GND	01				TQ2			40A		
06631		XA511	68		XA508	66				168	9		TWR12R	07	TWR12S	01	1	TQ2	E1		32A		
06519		XA511	69		XA512	73				168	9		TWPE00	01	TWPE00	00	1	TQ2	F3		35A		D01
06647		XA511	70										TWR14A	02	TWR12S	01	2	TQ2	E1		33A		
06365		XA511	71		XA518	31				168	9		TWDDEA	02	TWDDE0	01	1	TQ2	E2		36A		
06380		XA511	72										TWDDFO	06	TWDDFO	00	1	TQ2	F2		34A		
01703		XA511	73		XA514	05				168	9		SPIQ20	04	TWDDE0	01	2	TQ2	F2		36B		E01
04866		XA511	74		XA508	21				168	9		TNSGJA	01	TWPE00	01	2	TQ2	F3		35B		D01
06374		XA511	75										TWDDE0	05	TWDDE0	00	1	TQ2	F1		37B		
01704		XA511	76										TSNCO5	04	USTP50	01	1	TQ2	F4		37A		D04
06364		XA511	77		XA511	71				168	9		TWDDEA	01	TWDDE0	01	1	TQ2	F1		38B		
01678		XA511	78		XA412	39				168	9		TBUSYS	00	USTP50	01	2	TQ2	F4		38A		D04
01702		XA511	79		XA511	73				168	9		SPIQ20	03	TWDDE0	01	2	TQ2	F1		39B		
03404		XA511	80									M	USTP50	01	USTP50	00	1	TQ2	F4		39A		D04
04795		XA512	01		XA513	39				168	9		TM00SA	01	TM00SA	00	1	TQ2	A2		02B		
00926		XA512	02										GND	01				TQ2			01A		
04804		XA512	03										TM01S0	02	TM01SA	01	1	TQ2	A3		02A		
04798		XA512	04										TM00S0	02	TM00SA	01	1	TQ2	A2		04A		
01719		XA512	05		XA512	07				168	9		SPIQ20	20	TM00SA	01	2	TQ2	A2		03B		
06408		XA512	06		XA507	01				168	9		TWEN0S	01	TWEN0S	00	1	TQ2	A1		05A	WRITE ENABLE F/F	
01720		XA512	07		XA511	20				168	9		SPIQ20	21	TM01SA	01	2	TQ2	A3		03A		
06406		XA512	08		XA520	70				168	9		TWEN0R	02	TWEN0S	01	1	TQ2	A1		06A		
04801		XA512	09		XA513	29				168	9		TM01SA	01	TM01SA	00	1	TQ2	A3		04B		
06402		XA512	10		XA515	23				168	9		TWEN0A	01	TWEN0S	01	2	TQ2	A1		07A		
04809		XA512	11										TM02BP	05	TMICPA	01	1	TQ2	A4		05B		
00177		XA512	12										+5V	01				TQ2					
04838		XA512	13										TM04BQ	07	TMICPA	01	2	TQ2	A4		06B		
06679		XA512	14										TWRQ2A	02	TWRQ2A	00	1	TQ2	B2		09A		
04840		XA512	15										TMICPA	02	TMICPA	00	1	TQ2	A4		07B		
00927		XA512	16										GND	01				TQ2			01B		
06662		XA512	17		XA510	04				168	9		TWRQ0R	01	TWRQ3A	01	1	TQ2	B3		08B		
06667		XA512	18										TWRQ0S	03	TWRQ2A	01	1	TQ2	B2		10A		
05681		XA512	19		XA512	37				168	9		TSCL1B	28	TWRQ3A	01	2	TQ2	B3		09B		
05680		XA512	20		XA512	19				168	9		TSCL1B	27	TWRQ2A	01	2	TQ2	B2		11A		
06689		XA512	21										TWRQ3A	02	TWRQ3A	00	1	TQ2	B3		10B		
06610		XA512	22		XA507	14				168	9		TWR10S	04	TWR10S	00	1	TQ2	B1		12A	WRITE COUNTER BIT	
04649		XA512	23										TLCC3S	03	TLCC1A	01	1	TQ2	B4		11B		
06605		XA512	24		XA515	73				168	9		TWR10R	02	TWR10S	01	1	TQ2	B1		13A		
05769		XA512	25		XA511	19				168	9		TSCK3B	52	TLCC1A	01	2	TQ2	B4		12B		D01
06563		XA512	26		XA410	73				168	9		TWRG6A	02	TWR10S	01	2	TQ2	B1		14A		
04623		XA512	27										TLCC1A	03	TLCC1A	00	1	TQ2	B4		13B		
00178		XA512	28										+5V	01				TQ2					
04898		XA512	29										TNSG2R	03	TNSG2S	01	1	TQ2	C3		14B		
CONNECTOR	XA512	CONTINUED ON THE NEXT PAGE ***																					

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RECORD NUMBER	FROM			TO			WIRE				SFC INST. HISC	SIGNAL	SEQ 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	DIAG	MULTI GROUP	CODE	COLOR												
05150		XA512	30									TREQ1S	04	TREQ1S	00	1	TQ2	C2		15A		
04917		XA512	31									TNSG4A	02	TNSG2S	01	2	TQ2	C3		15B		
00928		XA512	32									GND	01				TQ2			20B		
04901		XA512	33		XA511	29			16B	9		TNSG2S	03	TNSG2S	00	1	TQ2	C3		16B	GAP DETECT COUNTER	
05146		XA512	34									TREQ1R	03	TREQ1S	01	1	TQ2	C2		16A		
04914		XA512	35		XA506	80			16B	9		TNSG3S	02	TNSG5A	01	1	TQ2	C4		17B		
05152		XA512	36		XA505	27			16B	9		TREQ2A	02	TREQ1S	01	2	TQ2	C2		17A		
05682		XA512	37		XA511	36			16B	9		TSCL1B	29	TNSG5A	01	2	TQ2	C4		18B		
06698		XA512	38									TWRQ3S	03	TWRQ3S	00	1	TQ2	C1		18A		
04920		XA512	39		XA509	24			16B	9		TNSG5A	03	TNSG5A	00	1	TQ2	C4		19B		
06694		XA512	40		XA510	39			16B	9		TWRQ3R	01	TWRQ3S	01	1	TQ2	C1		19A		
04845		XA512	41									TNDA1A	02	TNDA1O	01	1	TQ2	D3		22B		
06699		XA512	42		XA510	15			16B	9		TWRQ4A	01	TWRQ3S	01	2	TQ2	C1		20A		
04849		XA512	43									TNDA2A	02	TNDA1O	01	2	TQ2	D3		23B		
00929		XA512	44									GND	01				TQ2			21B		
04847		XA512	45									TNDA1O	02	TNDA1O	00	1	TQ2	D3		24B		
04893		XA512	46									TNSG1S	04	JNSG1S	00	1	TQ2	D2		21A	GAP DETECT COUNTER	
06643		XA512	47		XA510	45			16B	9		TWR13S	01	TWR13A	01	1	TQ2	D4		25B		
04888		XA512	48		XA521	77			16B	9		TNSG1R	03	TNSG1S	01	1	TQ2	D2		22A		
05768		XA512	49		XA512	25			16B	9		TSCK3B	51	TWR13A	01	2	TQ2	D4		26B		DO1
04894		XA512	50		XA508	23			16B	9		TNSG2A	01	TNSG1S	01	2	TQ2	D2		23A		
06638		XA512	51		XA510	54			16B	9		TWR13A	01	TWR13A	00	1	TQ2	D4		27B		
04883		XA512	52									TNSG0S	03	TNSG0S	00	1	TQ2	D1		24A	GAP DETECT COUNTER	
04634		XA512	53		XA512	59			16B	9		TLCC2R	01	TLCC2S	01	1	TQ2	E3		28B		
04879		XA512	54		XA508	47			16B	9		TNSGOR	02	TNSG0S	01	1	TQ2	D1		25A		
04651		XA512	55									TLCC4A	02	TLCC2S	01	2	TQ2	E3		29B		
04877		XA512	56									TNSG0A	03	TNSG0S	01	2	TQ2	D1		26A		
04639		XA512	57		XA518	45			16B	9		TLCC2S	02	TLCC2S	00	1	TQ2	E3		30B	WRITE LRC CHAR COUN	
00930		XA512	58									GND	01				TQ2			27A		
04635		XA512	59		XA511	63			16B	9		TLCC2R	02	TLCC3A	01	1	TQ2	E4		31B		
06603		XA512	60									UWR10A	02	UWR10A	00	1	TQ2	E2		28A		DO1
05686		XA512	61		XA511	64			16B	9		TSCK1B	33	TLCC3A	01	2	TQ2	F4		32B		
06590		XA512	62		XA507	30			16B	9		TWR10A	05	UWR10A	01	1	TQ2	E2		29A		DO1
04644		XA512	63									TLCC3A	02	TLCC3A	00	1	TQ2	E4		33B		
06547		XA512	64									TWRG1S	06	UWR10A	01	2	TQ2	E2		30A		DO1
06804		XA512	65		XA518	55			16B	9		UW4BCA	02	UWDDG0	01	1	TQ2	F3		34B		DO1
06629		XA512	66		XA511	62			16B	9		TWR12R	05	TWR12R	00	1	TQ2	E1		31A		
00931		XA512	67									GND	01				TQ2			40A		
06636		XA512	68		XA516	47			16B	9		TWR12S	03	TWR12R	01	1	TQ2	E1		32A		
06385		XA512	69									UWDDG0	05	UWDDG0	00	1	TQ2	F3		35A		DO1
06620		XA512	70		XA505	68			16B	9		TWR11S	04	TWR12R	01	2	TQ2	E1		33A		
06589		XA512	71		XA512	62			16B	9		TWR10Q	04		01	1	TQ2	F2		34A		DO1
06517		XA512	72						16B	9		SPO	02		00	1	TQ2	F2		34A		C03
06520		XA512	73						16B	9		TMPE00	02		01	2	TQ2	F2		36B		DO1
06807		XA512	74		XA512	78			16B	9		UW5BCA	02	UWDDG0	01	2	TQ2	F3		35B		DO1
04713		XA512	75		XA410	08			16B	9		TLRCRA	01	TLRCRA	00	1	TQ2	F1		37B		
06803		XA512	76		XA512	65			16B	9		UW4BCA	01	UWDDH0	01	1	TQ2	F4		37A		DO1
04627		XA512	77		XA511	61			16B	9		TLCC1S	01	TLRCRA	01	1	TQ2	F1		38B		
06808		XA512	78									UW5BCA	03	UWDDH0	01	2	TQ2	F4		38A		DO1
04637		XA512	79									TLCC2R	04	TLRCRA	01	2	TQ2	F1		39B		
CONNECTOR		XA512	CONTINUED ON THE NEXT PAGE ****																			

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	PREFIX	CONNECTOR	PIN	REF	PREFIX	CONNECTOR	PIN	REF	MULTI GROUP	CODE	COLOR	IDENT											
06391		XA512	80										UWDDH0	06	UWDDH0	00	1	TQ2	F4		39A		D01
05703		XA513	01		XA514	76			16B	9			TWRQ2P	01	TWRQ3N	01	1	TDD	BN		02B		E01
00932		XA513	02										GND	01				TDD			01B		
01685		XA513	03		XA513	14			16B	9			SPIO19	19	TWRQ3Q	01	1	TDD	BQ		02A		E01
06657		XA513	04										TWRQCP	06	TWRQ3P	01	1	TDD	BP		04A		
06680		XA513	05						16B	9			TWRQ4P	03	TWRQ3I	01	1	TDD	BI		03B		D01
06656		XA513	06		XA513	04			16B	9			TWRQCP	05	TWRQ1P	01	1	TDD	AP		05A		
06693		XA513	07										TWRQ3Q	02	TWRQ3Q	00	1	TDD	BQ		03A		
06660		XA513	08		XA514	13			16B	9			TWRQOQ	01	TWRQ1I	01	1	TDD	AI		06A		
06691		XA513	09										TWRQ3P	02	TWRQ3P	00	1	TDD	BP		04B		
05699		XA513	10		XA514	10			16B	9			TSCK1B	46	TWRQ1N	01	1	TDD	AN		07A		
08348		XA513	11		XA514	08			16B	9			TWRQ1P	02	TWRQ1P	00	1	TDD	AP		05B		D01
00179		XA513	12										+5V	01				TDD					
06672		XA513	13								M		TWRQ1Q	02	TWRQ1Q	00	1	TDD	AQ		06B		D01
05698		XA513	14		XA514	17			16B	9			SPIO19	20		01	1	TDD	DN		09A		E01
01722		XA513	15		XA514	15			16B	9			SPIO20	23	TWRQ1Q	01	1	TDD	AQ		07B		
00933		XA513	16										GND	01				TDD			20B		
01686		XA513	17										SPIO08	34		01	1	TDD	DQ		08B		E01
05142		XA513	18		XA513	63			16B	9			SPIO20	07		01	1	TDD	DI		10A		E01
05155		XA513	19										SPO	02		00	1	TDD	DQ		09B		E01
05124		XA513	20		XA507	78			16B	9			SPIO03	24		01	1	TDD	DP		11A		E01
08291		XA513	21										SPO	01		00	1	TDD	DP		10B		E01
05123		XA513	22		XA513	75			16B	9			TREQCP	05	TREQ0P	01	1	TDD	CP		12A		E01
08289		XA513	23								M		TREQ0P	01	TREQ0P	00	1	TDD	CP		11B		
05166		XA513	24		XA514	23			16B	9			TREQ1P	02	TREQ0I	01	1	TDD	CI		13A		D01
05134		XA513	25										TREQ0Q	02	TREQ0Q	00	1	TDD	CQ		12B		READ REQUEST DELAY
05679		XA513	26		XA512	20			16B	9			TSCL1B	26	TREQ0N	01	1	TDD	CN		14A		
01725		XA513	27		XA514	39			16B	9			SPIO20	26	TREQ0Q	01	1	TDD	CQ		13B		
00180		XA513	28										+5V	01				TDD					
04802		XA513	29										TM01SA	02	TM01BQ	01	1	TDD	EQ		14B		
04839		XA513	30		XA512	15			16B	9			TM1CPA	01	TM01BN	01	1	TDD	FN		15A		
08268		XA513	31								M		TM01BQ	01	TM01BQ	00	1	TDD	EQ		15B		BUFFER OUTPUT CONT
00934		XA513	32										GND	01				TDD			21B		
04799		XA513	33		XA511	26			16B	9			TM01BP	01	TM01BP	00	1	TDD	EP		16B		
07239		XA513	34		XA424	29			16B	9			TXGN1A	02	TM01BI	01	1	TDD	FI		16A		
04791		XA513	35		XA511	24			16B	9			TM00BP	01	TM00BP	00	1	TDD	EP		17B		
07430		XA513	36		XA513	38			16B	9			TXRS1B	27	TM01BP	01	1	TDD	FP		17A		
04794		XA513	37										TM00BQ	02	TM00BQ	00	1	TDD	EQ		18B		BUFFER INPUT CONTR
07431		XA513	38		XA513	51			16B	9			TXRS1B	28	TM00BP	01	1	TDD	EP		18A		
04796		XA513	39										TM00SA	02	TM00BQ	01	1	TDD	EQ		19B		
07238		XA513	40		XA513	34			16B	9			TXGN1A	01	TM00BI	01	1	TDD	EI		19A		
01681		XA513	41		XA514	41			16B	9			SPIO19	15	TKB00Q	01	1	TDD	HQ		22B		
04790		XA513	42										TM0CPA	02	TM00BN	01	1	TDD	EN		20A		
04536		XA513	43		XA514	48			16B	9			TKB00Q	03	TKB00Q	00	1	TDD	HQ		23B		BYTE COUNTER BIT 0
00935		XA513	44										GND	01				TDD			27A		
04532		XA513	45		XA437	72			16B	9			TKB00P	04	TKB00P	00	1	TDD	HP		24B		
04515		XA513	46		XA514	46			16B	9			TKBCPO	01	TKB00N	01	1	TDD	HN		21A		
04482		XA513	47		XA514	52			16B	9			TKA00P	01	TKA00P	00	1	TDD	GP		25B		
CONNECTOR	XA513	CONTINUED ON THE NEXT PAGE		****																			

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	PREFIX	CONNECTOR	PIN		PREFIX	CONNECTOR	PIN		CODE	COLOR	IDENT											
04540		XA513	48		XA514	45		16B	9		TK801P	03	TK800I	01	1	TDD	HI		22A			
08254		XA513	49								TKA00Q	01	TKA00Q	00	1	TDD	GQ		24B	BYTE TIMING COUNT		
04521		XA513	50		XA514	50		16B	9		TKBRS A	01	TKB00P	01	1	TDD	HP		23A			
07432		XA513	51		XA515	56		16B	9		TXRS1B	29	TKA00Q	01	1	TDD	GQ		27B			
04567		XA513	52								TKRS0A	02	TKA00P	01	1	TDD	GP		24A			
01680		XA513	53		XA513	41		16B	9		SPIO19	14	TKC02Q	01	1	TDD	KQ		28B			
01710		XA513	54		XA511	54		16B	9		SPIO20	11	TKA00I	01	1	TDD	GI		25A			
04561		XA513	55								TKC02Q	02	TKC02Q	00	1	TDD	KQ		29B	FIRST BYTE COUNTER		
04503		XA513	56		XA510	77		16B	9		TKA02P	04	TKA00N	01	1	TDD	GN		26A			
04558		XA513	57		XA503	04		16B	9		TKC02P	02	TKC02P	00	1	TDD	KP		30B			
00936		XA513	58								GND	01				TDD			40A			
04554		XA513	59								TKC01P	03	TKC01P	00	1	TDD	JP		31B			
04519		XA513	60		XA505	57		16B	9		TKBCP0	05	TKC02N	01	1	TDD	KN		28A			
04556		XA513	61								TKC01Q	02	TKC01Q	00	1	TDD	JQ		32B	FIRST BYTE COUNTER		
04564		XA513	62		XA406	45		16B	9		TKC290	01	TKC02I	01	1	TDD	KI		29A			
01707		XA513	63		XA514	63		16B	9		SPIO20	08	TKC01Q	01	1	TDD	JQ		33B			
04525		XA513	64		XA505	60		16B	9		TKBRS A	05	TKC02P	01	1	TDD	KP		30A			
01587		XA513	65		XA514	65		16B	9		SPIO15	01		01	1	TDD	MQ		34B			
04524		XA513	66		XA513	64		16B	9		TKBRS A	04	TKC01P	01	1	TDD	JP		31A			
00937		XA513	67								GND	01				TDD			40B			
04550		XA513	68		XA514	61		16B	9		TKC00Q	01	TKC01I	01	1	TDD	JI		32A			
03405		XA513	69								SPO	01		00	1	TDD	MP		35A			
04518		XA513	70		XA513	60		16B	9		TKBCP0	04	TKC01N	01	1	TDD	JN		33A			
01467		XA513	71		XA502	05		16B	9		SPIO09	07		01	1	TDD	MI		36A		DO1	
01582		XA513	72								SPIO13	13		01	1	TDD	MN		34A			
01586		XA513	73		XA525	74		16B	9		SPIO14	04		01	1	TDD	MP		36B		DO1	
03406		XA513	74								SPO	01		00	1	TDD	MQ		35B			
01289		XA513	75								TREQCP	06	TREQ2P	01	1	TDD	LP		37B			
03407		XA513	76		XA514	14		16B	9		TREQ2P	01	TREQ2P	00	1	TDD	LP		37A		E01	
01706		XA513	77		XA524	74		16B	9		TREQ5A	01	TREQ2I	01	1	TDD	LI		38B		E01	
03408		XA513	78		XA524	65		16B	9		TREQ2Q	01	TREQ2Q	00	1	TDD	LQ		38A		E01	
01677		XA513	79		XA513	24		16B	9		TREQ1P	01	TREQ2N	01	1	TDD	LN		39B		E01	
01459		XA513	80		XA513	53		16B	9		SPIO19	11	TREQ2Q	01	1	TDD	LO		39A		E01	
05702		XA514	01		XA513	03		16B	9		SPIO19	18		01	1	TDD	BN		02B		E01	
00938		XA514	02								GND	01				TDD			01B			
01684		XA514	03		XA513	17		16B	9		SPIO08	33		01	1	TDD	BQ		02A		E01	
06654		XA514	04		XA513	20		16B	9		SPIO03	23		01	1	TDD	BP		04A		E01	
06671		XA514	05		XA513	18		16B	9		SPIO20	06		01	1	TDD	BI		03B		E01	
06655		XA514	06		XA513	06		16B	9		TWRQCP	04	TWRQOP	01	1	TDD	AP		05A			
06681		XA514	07								SPO	02		00	1	TDD	BQ		03A		E01	
06703		XA514	08		XA514	79		16B	9		TWRQ1P	03	TWRQOI	01	1	TDD	AI		06A		E01	
08349		XA514	09								SPO	02		00	1	TDD	BP		04B		E01	
05700		XA514	10		XA409	61		16B	9		TSCK1B	47	TWRQON	01	1	TDD	AN		07A		DO1	
08347		XA514	11		XA507	38		16B	9		TWRQOP	01	TWRQOP	00	1	TDD	AP		05B		DO1	
00181		XA514	12								+5V	01				TDD						
06661		XA514	13								TWRQOQ	02	TWRQOQ	00	1	TDD	AQ		06B	WRITE REQUEST DELA		
05701		XA514	14		XA526	79		16B	9		TREQ2P	02	TREQ3N	01	1	TDD	DN		09A		DO1	
01723		XA514	15		XA514	27		16B	9		SPIO20	24	TWRQOQ	01	1	TDD	AQ		07B			
CONNECTOR	XA514	CONTINUED ON THE NEXT PAGE ****																				

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RECORD NUMBER	FROM				TO				WIRE				SFC INST MISC	SIGNAL	SEQ NO	EQUATION	TERM	FACTOR	CCT OR CHIP TYPE	GROUP	LOAD OR POWER PLANE	TEST POINTS AND/OR	SIGNAL DESCRIPTION	ECO NO
	PREFIX	CONNECTOR	PIN	WIRE	PREFIX	CONNECTOR	PIN	WIRE	MULTI GROUP	CODE	COLOR	IDENT												
00939		XA514	16										GND	01				TDD			20B			
01687		XA514	17			XA521	13			16B	9		SPIO19	21	TREQ3Q	01	1	TDD	DQ		08B			
05154		XA514	18							16B	9		TREQ4P	02	TREQ3I	01	1	TDD	DI		10A		D01	
05161		XA514	19										TREQ3Q	02	TREQ3Q	00	1	TDD	DQ		09B			
05121		XA514	20			XA514	22			16B	9		TREQCP	03	TREQ3P	01	1	TDD	DP		11A			
05158		XA514	21			XA525	08			16B	9		TREQ3P	01	TREQ3P	00	1	TDD	DP		10B		D01	
05122		XA514	22			XA513	22			16B	9		TREQCP	04	TREQ1P	01	1	TDD	CP		12A			
08290		XA514	23										TREQ1P	03	TREQ1P	00	1	TDD	CP		11B		D01	
05133		XA514	24			XA513	25			16B	9		TREQ0Q	01	TREQ1I	01	1	TDD	CI		13A			
05143		XA514	25									M	TREQ1Q	02	TREQ1Q	00	1	TDD	CQ		12B		D01	
05678		XA514	26			XA513	26			16B	9		TSCL1B	25	TREQ1N	01	1	TDD	CN		14A		D01	
01724		XA514	27			XA513	27			16B	9		SPIO20	25	TREQ1Q	01	1	TDD	CQ		13B			
00182		XA514	28										+5V	01				TDD						
01683		XA514	29			XA514	01			16B	9		SPIO19	17	TMWCBQ	01	1	TDD	FQ		14B		E01	
04775		XA514	30			XA517	60			16B	9		TMCP00	01	TMWCBN	01	1	TDD	FN		15A			
04787		XA514	31			XA504	74			16B	9		TMWCBQ	02	TMWCBQ	00	1	TDD	EQ		15B			
00940		XA514	32										GND	01				TDD			21B			
04783		XA514	33			XA521	49			16B	9		TMWCBP	03	TMWCBP	00	1	TDD	FP		16B		B08	
04811		XA514	34			XA521	31			16B	9		TM02BQ	02	TMWCB I	01	1	TDD	FI		16A			
04817		XA514	35			XA507	62			16B	9		TM03BP	03	TM03BP	00	1	TDD	EP		17B			
04778		XA514	36			XA510	34			16B	9		TMR50A	02	TMWCBP	01	1	TDD	FP		17A		D04	
04820		XA514	37			XA521	24			16B	9		TM03BQ	02	TM03BQ	00	1	TDD	EQ		18B			
04826		XA514	38			XA526	64			16B	9		TM03RA	02	TM03BP	01	1	TDD	EP		18A			
01726		XA514	39			XA516	25			16B	9		SPIO20	27	TM03BQ	01	1	TDD	EQ		19B			
04828		XA514	40			XA521	25			16B	9		TM04BP	01	TM03B I	01	1	TDD	EI		19A			
01682		XA514	41			XA514	29			16B	9		SPIO19	16	TKB01Q	01	1	TDD	HQ		22B			
05674		XA514	42			XA515	42			16B	9		TSCL1B	21	TM03BN	01	1	TDD	EN		20A			
04546		XA514	43										TKB01Q	04	TKB01Q	00	1	TDD	HQ		23B		BYTE COUNTER BIT 1	
00941		XA514	44										GND	01				TDD			27A			
04541		XA514	45			XA437	73			16B	9		TKB01P	04	TKB01P	00	1	TDD	HP		24B			
04516		XA514	46			XA514	70			16B	9		TKBCP0	02	TKB01N	01	1	TDD	HN		21A			
04487		XA514	47			XA524	69			16B	9		TKA01P	03	TKA01P	00	1	TDD	GP		25B			
04537		XA514	48										TKB00Q	04	TKB01I	01	1	TDD	HI		22A			
04495		XA514	49			XA526	68			16B	9		TKA01Q	07	TKA01Q	00	1	TDD	GQ		26B		BYTE TIMING COUNTER A03	
04522		XA514	50			XA514	66			16B	9		TKBRSA	02	TKB01P	01	1	TDD	HP		23A			
01709		XA514	51			XA513	54			16B	9		SPIO20	10	TKA01Q	01	1	TDD	GQ		27B			
04483		XA514	52			XA526	66			16B	9		TKA00P	02	TKA01P	01	1	TDD	GP		24A		A03	
01465		XA514	53			XA508	33			16B	9		TFST6A	00	THSPRQ	01	1	TDD	KQ		28B		E03	
04502		XA514	54			XA513	56			16B	9		TKA02P	03	TKA01I	01	1	TDD	GI		25A			
03409		XA514	55			XA524	60			16B	9		THSPRQ	01	THSPRQ	00	1	TDD	KQ		29B		E03	
05673		XA514	56			XA514	42			16B	9		TSCL1B	20	TKA01N	01	1	TDD	GN		26A			
03410		XA514	57									M	THSPRP	01	THSPRP	00	1	TDD	KP		30B		E03	
00942		XA514	58										GND	01				TDD			40A			
04549		XA514	59										TKC00P	03	TKC00P	00	1	TDD	JP		31B			
01287		XA514	60										THSPRA	03	THSPRN	01	1	TDD	KN		28A		E03	
04551		XA514	61										TKC00Q	02	TKC00Q	00	1	TDD	JO		32B		FIRST BYTE COUNTER	
01675		XA514	62			XA506	33			16B	9		TXGN2A	00	THSPRI	01	1	TDD	KI		29A		E03	
01708		XA514	63			XA514	51			16B	9		SPIO20	09	TKC00Q	01	1	TDD	KO		33B			
01457		XA514	64			XA511	78			16B	9		TBUSYS	0M	THSPRP	01	1	TDD	KP		30A		E03	
01588		XA514	65			XA546	70			16B	9		SPIO15	02	THSPRQ	01	1	TDD	MQ		34B			
CONNECTOR		XA514	CONTINUED ON THE NEXT PAGE ****																					

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	PREFIX	CONNECTOR	PIN	PREFIX	CONNECTOR	PIN	MULTI GROUP	CODE	COLOR	IDENT											
04523		XA514	66		XA513	66		168	9			TKBRSA	03	TKC00P	01	1	TDD	JP	31A		
00943		XA514	67									GND	01				TDD		40B		
04557		XA514	68		XA513	57		168	9			TKC02P	01	TKC00I	01	1	TDD	JJ	32A		
03411		XA514	69									SPO	01		00	1	TDD	MP	35A		
04517		XA514	70		XA513	70		168	9			TKBCP0	03	TKC00N	01	1	TDD	JN	33A		
01466		XA514	71		XA513	71		168	9			SPI009	06		01	1	TDD	MI	36A		
01581		XA514	72		XA513	72		168	9			SPI013	12		01	1	TDD	MN	34A		
01585		XA514	73		XA513	73		168	9			SPI014	03		01	1	TDD	MP	36B		
03412		XA514	74									SPO	01		00	1	TDD	MQ	35B		
01288		XA514	75		XA514	06		168	9			TWROCP	03	TWRQ2P	01	1	TDD	LP	37B		E01
03413		XA514	76		XA436	30		168	9			TWRQ2P	02	TWRQ2P	00	1	TDD	LP	37A		E01
01705		XA514	77		XA505	75		168	9			TWRQ9A	01	TWRQ2I	01	1	TDD	LI	38B		E01
03414		XA514	78									TWRQ20	02	TWRQ20	00	1	TDD	LQ	38A		E01
01676		XA514	79									TWRQ1P	04	TWRQ2N	01	1	TDD	LN	39B		E01
01458		XA514	80		XA513	80		168	9			SPI019	10	TWRQ20	01	1	TDD	LQ	39A		E01
05056		XA515	01		XA412	68		168	9			TREADP	02	TLRCC0	01	1	TD4	A2	02B		
00944		XA515	02									GND	01				TD4		01A		
00464		XA515	03									DNW	01				TD4				
05855		XA515	04		XA508	06		168	9			TSPACP	03	TLRCC0	01	2	TD4	A2	04A		
06393		XA515	05		XA506	38		168	9			TWENCA	02	TLRCC0	01	3	TD4	A2	03B		
06593		XA515	06		XA425	43		168	9			TWRITO	08	TLCCOA	01	1	TD4	A1	05A		
05863		XA515	07		XA527	40		168	9			TSPAFF	03	TLRCC0	01	4	TD4	A2	03A		
07210		XA515	08		XA435	49		168	9			TXEB10	03	TLCCOA	01	2	TD4	A1	06A		
04706		XA515	09		XA518	52		168	9			TLRCC0	01	TLRCC0	00	1	TD4	A2	04B		
04223		XA515	10		XA410	78		168	9			TEBZRO	03	TLCCOA	01	3	TD4	A1	07A		
04612		XA515	11									TLCCOA	02	TLCCOA	00	1	TD4	A1	05B		
00183		XA515	12									+5V	01				TD4				
05773		XA515	13		XA515	20		168	9			TSCK3B	56	TLCCOA	01	4	TD4	A1	06B		
06397		XA515	14		XA519	17		168	9			TWENCO	03	TFPE1A	01	1	TD4	B2	09A		
00465		XA515	15									DNW	01				TD4				
00945		XA515	16									GND	01				TD4		20B		
00466		XA515	17									DNW	01				TD4				
06325		XA515	18		XA519	19		168	9			TWDBSA	02	TFPE1A	01	2	TD4	B2	10A		
05848		XA515	19		XA418	71		168	9			TSNC2S	05	TFPE1A	01	3	TD4	B2	09B		
05774		XA515	20		XA418	79		168	9			TSCK3B	57	TFPE1A	01	4	TD4	B2	11A		
04382		XA515	21		XA526	39		168	9			TFPE1A	01	TFPE1A	00	1	TD4	B2	10B		
06396		XA515	22		XA515	14		168	9			TWENCO	02	TWENOA	01	1	TD4	B1	12A		
06403		XA515	23		XA516	41		168	9			TWENOA	02	TWENOA	00	1	TD4	B1	11B		
04387		XA515	24		XA507	05		168	9			TFPR10X	05	TWENOA	01	2	TD4	B1	13A		
05833		XA515	25		XA518	54		168	9			TSNC1S	05	TWENOA	01	3	TD4	B1	12B		
05677		XA515	26		XA514	26		168	9			TSCL1B	24	TWENOA	01	4	TD4	B1	14A		
00467		XA515	27									DNW	01				TD4				
00184		XA515	28									+5V	01				TD4				
00468		XA515	29									DNW	01				TD4				
06575		XA515	30		XA508	30		168	9			THISPO	02	TWRG4A	01	1	TD4	C2	15A		B0B
06542		XA515	31		XA515	38		168	9			TWRG1S	01	TWRG4A	01	2	TD4	C2	15B		
00946		XA515	32									GND	01				TD4		21B		
06561		XA515	33									TWRG4A	02	TWRG4A	00	1	TD4	C2	16B		
CONNECTOR	XA515	CONTINUED ON THE NEXT PAGE ****																			

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	PREFIX	CONNECTOR	PIN	DRIVE	PREFIX	CONNECTOR	PIN	DRIVE	MULTI GROUP	CODE	COLOR	IDENT													
05072		XA515	34											TO80U0	03	TWRG4A	01	3	TD4	C2		16A		E06	
06562		XA515	35		XA512	26				16B	9			TWRG6A	01	TWRG6A	00	1	TD4	C1		17B			
05676		XA515	36		XA515	26				16B	9			TSCL1B	23	TWRG4A	01	4	TD4	C2		17A			
06601		XA515	37											TWRIT0	07	TWRG6A	01	1	TD4	C1		18B			
06543		XA515	38		XA516	59				16B	9			TWRG1S	02	TWRG6A	01	2	TD4	C1		18A			
00469		XA515	39											DNW	01										
08100		XA515	40		XA506	64				16B	9			TC40BP	04	TWRG6A	01	3	TD4	C1		19A		E06	
00470		XA515	41											DNW	01										
05675		XA515	42		XA515	36				16B	9			TSCL1B	22	TWRG6A	01	4	TD4	C1		20A			
06609		XA515	43		XA512	22				16B	9			TWR10S	03	TNDA1A	01	1	TD4	D2		23B			
00947		XA515	44											GND	01							27A			
04844		XA515	45		XA512	41				16B	9			TNDA1A	01	TNDA1A	00	1	TD4	D2		24B			
04878		XA515	46		XA512	54				16B	9			TNSGOR	01	TNDA1A	01	2	TD4	D2		21A			
06526		XA515	47		XA517	53				16B	9			TWRGOR	01	TWRGOR	00	1	TD4	D1		25B			
08095		XA515	48											TC41BP	03	TNDA1A	01	3	TD4	D2		22A		E06	
06532		XA515	49											TWRG0S	05	TWRGOR	01	1	TD4	D1		26B			
05734		XA515	50		XA515	64				16B	9			TSCL3B	17	TNDA1A	01	4	TD4	D2		23A			
00471		XA515	51											DNW	01										
06536		XA515	52		XA516	69				16B	9			TWRG1A	02	TWRGOR	01	2	TD4	D1		24A			
00472		XA515	53											DNW	01										
04477		XA515	54		XA509	64				16B	9			UIN7A	01	TWRGOR	01	3	TD4	D1		25A		D01	
06034		XA515	55		XA521	75				16B	9			TS29CP	02	TMCP0A	01	1	TD4	E2		29B			
07433		XA515	56		XA516	50				16B	9			TXRS1B	30	TWRGOR	01	4	TD4	D1		26A			
04774		XA515	57											TMCP0A	02	TMCP0A	00	1	TD4	E2		30B			
00948		XA515	58											GND	01							40A			
06549		XA515	59											TWRG2A	02	TWRG2A	00	1	TD4	F1		31B			
04819		XA515	60		XA514	37				16B	9			TM03BQ	01	TMCP0A	01	2	TD4	E2		28A			
06531		XA515	61		XA515	49				16B	9			TWRG0S	04	TWRG2A	01	1	TD4	F1		32B			
04835		XA515	62		XA507	64				16B	9			TM04BQ	04	TMCP0A	01	3	TD4	E2		29A			
00473		XA515	63											DNW	01										
05735		XA515	64		XA515	74				16B	9			TSCL3B	18	TMCP0A	01	4	TD4	E2		30A			
00474		XA515	65											DNW	01										
03797		XA515	66		XA509	77				16B	9			TCZRO0	01	TWRG2A	01	2	TD4	E1		31A			
00949		XA515	67											GND	01							40B			
03809		XA515	68		XA518	46				16B	9			TCZR70	01	TWRG2A	01	3	TD4	E1		32A			
04633		XA515	69											TLCC2A	02	TLCC2A	00	1	TD4	F2		35A			
05672		XA515	70		XA514	56				16B	9			TSCL1B	19	TWRG2A	01	4	TD4	E1		33A			
04619		XA515	71		XA504	55				16B	9			TLCC0S	03	TLCC2A	01	1	TD4	F2		36A			
04784		XA515	72		XA517	77				16B	9			TWRG1R	00	TLCC2A	01	2	TD4	F2		34A		B08	
06606		XA515	73											TWR10R	03	TLCC2A	01	3	TD4	F2		36B			
05736		XA515	74		XA516	74				16B	9			TSCL3B	19	TLCC2A	01	4	TD4	F2		35B			
05061		XA515	75		XA521	14				16B	9			TREADQ	02	TREN1A	01	1	TD4	F1		37B			
05093		XA515	76		XA507	72				16B	9			TREN1A	02	TREN1A	00	1	TD4	F1		37A			
07208		XA515	77		XA410	77				16B	9			TXEB1Q	01	TREN1A	01	2	TD4	F1		38B			
04222		XA515	78		XA515	10				16B	9			TEBZRO	02	TREN1A	01	3	TD4	F1		38A			
05738		XA515	79		XA510	79				16B	9			TSCL3B	21	TREN1A	01	4	TD4	F1		39B			
00475		XA515	80											DNW	01										

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	PREFIX	CONNECTOR	PIN	PREFIX	CONNECTOR	PIN	MULTI GROUP	CODE	COLOR	IDEN.											
05309		XA516	01									TRST1A	09	TRST1A	00	1	TQ2	A2	02B	OUTPUT DATA REG OC	
00950		XA516	02									GND	01						01A		
05300		XA516	03									TRST00	03	TRST4A	01	1	TQ2	A3	02A		
05311		XA516	04		XA516	11		16B	9			TRST10	02	TRST1A	01	1	TQ2	A2	04A		
01733		XA516	05		XA516	10		16B	9			SPI020	34	TRST1A	01	2	TQ2	A2	03B		
05297		XA516	06									TRST0A	09	TRST0A	00	1	TQ2	A1	05A	OUTPUT DATA REG EV	
01732		XA516	07		XA516	05		16B	9			SPI020	33	TRST4A	01	2	TQ2	A3	03A		
05299		XA516	08		XA516	03		16B	9			TRST00	02	TRST0A	01	1	TQ2	A1	06A		
05321		XA516	09									TRST4A	09	TRST4A	00	1	TQ2	A3	04B		
01734		XA516	10		XA442	76		16B	9			SPI020	35	TRST0A	01	2	TQ2	A1	07A		
05312		XA516	11									TRST10	03	TRST5A	01	1	TQ2	A4	05B		
00185		XA516	12									+5V	01								
01731		XA516	13		XA516	07		16B	9			SPI020	32	TRST5A	01	2	TQ2	A4	06B		
05263		XA516	14									TRRS2A	05	TRRS2A	00	1	TQ2	B2	09A		
05330		XA516	15									TRST5A	09	TRST5A	00	1	TQ2	A4	07B		
00951		XA516	16									GND	01						01B		
05246		XA516	17		XA516	18		16B	9			TEB4R0	03	TRRS4A	01	1	TQ2	B3	08B		D04
05247		XA516	18		XA426	69		16B	9			TEB4R0	04	TRRS2A	01	1	TQ2	B2	10A		D04
01730		XA516	19		XA516	13		16B	9			SPI020	31	TRRS4A	01	2	TQ2	B3	09B		
01729		XA516	20		XA516	19		16B	9			SPI020	30	TRRS2A	01	2	TQ2	B2	11A		
05273		XA516	21									TRRS4A	05	TRRS4A	00	1	TQ2	B3	10B		
05243		XA516	22									TRRS0A	05	TRRS0A	00	1	TQ2	B1	12A	OUTPUT DATA REG EV	
05245		XA516	23		XA516	17		16B	9			TEB4R0	02	TRRS6A	01	1	TQ2	B4	11B		D04
05244		XA516	24		XA516	23		16B	9			TEB4R0	01	TRRS0A	01	1	TQ2	B1	13A		D04
01727		XA516	25		XA516	26		16B	9			SPI020	28	TRRS6A	01	2	TQ2	B4	12B		
01728		XA516	26		XA516	20		16B	9			SPI020	29	TRRS0A	01	2	TQ2	B1	14A		
05283		XA516	27									TRRS6A	05	TRRS6A	00	1	TQ2	B4	13B		
00186		XA516	28									+5V	01								
05255		XA516	29		XA516	24		16B	9			TEB4R0	005	TRRS5A	01	1	TQ2	C3	14B		D04
05268		XA516	30									TRRS3A	05	TRRS3A	00	1	TQ2	C2	15A		
01752		XA516	31		XA517	31		16B	9			SPI021	17	TRRS5A	01	2	TQ2	C3	15B		
00952		XA516	32									GND	01						20B		
05274		XA516	33		XA532	50		16B	9			TRRS5A	01	TRRS5A	00	1	TQ2	C3	16B		
05257		XA516	34		XA516	35		16B	9			TEB4R0	001	TRRS3A	01	1	TQ2	C2	16A		D04
05256		XA516	35		XA516	29		16B	9			TEB4R0	003	TRRS7A	01	1	TQ2	C4	17B		D04
01748		XA516	36		XA516	42		16B	9			SPI021	13	TRRS3A	01	2	TQ2	C2	17A		
01751		XA516	37		XA516	31		16B	9			SPI021	16	TRRS7A	01	2	TQ2	C4	18B		
05249		XA516	38		XA530	73		16B	9			TRRS1A	01	TRRS1A	00	1	TQ2	C1	18A	OUTPUT DATA REG OD	
05284		XA516	39		XA532	73		16B	9			TRRS7A	01	TRRS7A	00	1	TQ2	C4	19B		
05258		XA516	40		XA516	34		16B	9			TEB4R0	00	TRRS1A	01	1	TQ2	C1	19A		D04
06404		XA516	41									TWENOA	03	UWLS00	01	1	TQ2	D3	22B		D01
01749		XA516	42		XA516	43		16B	9			SPI021	14	TRRS1A	01	2	TQ2	C1	20A		
01750		XA516	43		XA516	37		16B	9			SPI021	15	UWLS00	01	2	TQ2	D3	23B		D01
00953		XA516	44									GND	01						21B		
06514		XA516	45		XA517	34		16B	9			UWLS00	01	UWLS00	00	1	TQ2	D3	24B		D01
04725		XA516	46		XA517	40		16B	9			TLRCS0	01	TLRCS0	00	1	TQ2	D2	21A		
06637		XA516	47		XA543	36		16B	9			TWR12S	04	UWLK0A	01	1	TQ2	D4	25B		D01
04705		XA516	48									TLRCCA	02	TLRCS0	01	1	TQ2	D2	22A		
06316		XA516	49		XA543	34		16B	9			TWDBC0	02	UWLK0A	01	2	TQ2	D4	26B		D01
07434		XA516	50		XA518	61		16B	9			TXRS1B	31	TLRCS0	01	2	TQ2	D2	23A		
CONNECTOR	XA516	CONTINUED ON THE NEXT PAGE ***																			

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XA516

UNIT ASSEMBLY NAME CARD CAGE ASSY, A, IFCU

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RECORD NUMBER	FROM			TO			WIRE				SFC INST MISC	SIGNAL	SEQ NO	EQUATION	TERM	FACTOR	CKT OR CHIP TYPE	GROUP	LOAD OR POWER PLANE	TEST POINTS AND OR	SIGNAL DESCRIPTION	ECO NO
	PREFIX	CONNECTOR	PIN	PREFIX	CONNECTOR	PIN	MULTI GROUP	CODE	COLOR	IDENT												
06472		XA516	51									UWLKOA	03	UWLKOA	00	1	TQ2	D4		27B		D01
04968		XA516	52									TRDRCA	03	TRDRCA	00	1	TQ2	D1		24A		
06533		XA516	53		XA524	51		16B	9			TWRG00	01	TWRG0A	01	1	TQ2	E3		28B		
04971		XA516	54		XA546	56		16B	9			TRDRCOX	01	TRDRCA	01	1	TQ2	D1		25A		
06009		XA516	55		XA516	78		16B	9			TSTR90	02	TWRG0A	01	2	TQ2	E3		29B		
01742		XA516	56		XA517	49		16B	9			SPIO21	07	TRDRCA	01	2	TQ2	D1		26A		
06524		XA516	57		XA517	55		16B	9			TWRG0A	01	TWRG0A	00	1	TQ2	E3		30B		
00954		XA516	58									GND	01				TQ2			27A		
06544		XA516	59		XA517	63		16B	9			TWRG1S	03	TWRG1R	01	1	TQ2	E4		31B		
04768		XA516	60									TLTEQA	02	TLTEQA	00	1	TQ2	E2		28A		
06530		XA516	61		XA515	61		16B	9			TWRG0S	03	TWRG1R	01	2	TQ2	E4		32B		
04680		XA516	62		XA523	09		16B	9			TLPT4S	01	TLTEQA	01	1	TQ2	E2		29A		
06539		XA516	63		XA517	59		16B	9			TWRG1R	02	TWRG1R	00	1	TQ2	E4		33B		
07198		XA516	64		XA428	26		16B	9			TXEA00	01	TLTEQA	01	2	TQ2	E2		30A		
06555		XA516	65		XA509	76		16B	9			TWRG2S	03	TWRG1A	01	1	TQ2	F3		34B		
06677		XA516	66									TWRQ1S	03	TWRQ1S	00	1	TQ2	F1		31A		
00955		XA516	67									GND	01				TQ2			40A		
06673		XA516	68		XA510	07		16B	9			TWRQ1R	01	TWRQ1S	01	1	TQ2	F1		32A		
06537		XA516	69									TWRG1A	03	TWRG1A	00	1	TQ2	F3		35A		
06678		XA516	70		XA512	14		16B	9			TWRQ2A	01	TWRQ1S	01	2	TQ2	F1		33A		
08297		XA516	71		XA521	10		16B	9			SPIO22	015		01	1	TQ2	F2		36A		
08336		XA516	72									SPO	01		00	1	TQ2	E2		34A		
01737		XA516	73		XA517	70		16B	9			SPIO21	02		01	2	TQ2	F2		36B		
05737		XA516	74		XA515	79		16B	9			TSCL3B	20	TWRG1A	01	2	TQ2	F3		35B		
06401		XA516	75									TWENC0	07	TWENC0	00	1	TQ2	F1		37B		
05883		XA516	76		XA518	65		16B	9			TSPN1S	01	TRENQA	01	1	TQ2	F4		37A		
06580		XA516	77		XA524	45		16B	9			TWR1P	02	TWENC0	01	1	TQ2	F1		38B		
06010		XA516	78		XA518	72		16B	9			TSTR90	03	TRENQA	01	2	TQ2	F4		38A		
06572		XA516	79		XA503	20		16B	9			TWR1EP	04	TWENC0	01	2	TQ2	F1		39B		
05082		XA516	80		XA508	55		16B	9			TRENQA	03	TRENQA	00	1	TQ2	F4		39A		
05310		XA517	01		XA516	04		16B	9			TRST10	01	TRST10	00	1	TQ2	A2		02B		
00956		XA517	02									GND	01				TQ2			01A		
06729		XA517	03									UWRT8A	02	URRS00	01	1	TQ2	A3		02A		D04
06726		XA517	04		XA518	07		16B	9			TWRT7A	01	TRST10	01	1	TQ2	A2		04A		
01754		XA517	05		XA517	10		16B	9			SPIO21	19	TRST10	01	2	TQ2	A2		03B		
05298		XA517	06		XA516	08		16B	9			TRST00	01	TRST00	00	1	TQ2	A1		05A		
07455		XA517	07		XA517	13		16B	9			TXRS2B	20	URRS00	01	2	TQ2	A3		03A		D04
06724		XA517	08		XA518	04		16B	9			TWRT6A	01	TRST00	01	1	TQ2	A1		06A		
05248		XA517	09								M	URRS00	05	URRS00	00	1	TQ2	A3		04B		D04
01755		XA517	10		XA517	20		16B	9			SPIO21	20	TRST00	01	2	TQ2	A1		07A		
06731		XA517	11									UWRT9A	02	URRS10	01	1	TQ2	A4		05B		D04
00187		XA517	12									+5V	01				TQ2					
07456		XA517	13		XA518	18		16B	9			TXRS2B	21	URRS10	01	2	TQ2	A4		06B		D04
06079		XA517	14		XA542	60		16B	9			TICP10	01	TICP10	00	1	TQ2	B2		09A		
05254		XA517	15								M	URRS10	01	URRS10	00	1	TQ2	A4		07B		D04
00957		XA517	16									GND	01				TQ2			01B		
06099		XA517	17									TTRS00	03	TTRS0A	01	1	TQ2	B3		08B		
04966		XA517	18		XA517	24		16B	9			TRDRCA	01	TICP10	01	1	TQ2	B2		10A		
CONNECTOR (XA517) CONTINUED ON THE NEXT PAGE ****																						

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XA517

UNIT ASSEMBLY NAME CARD CAGE ASSY, A, IFCU

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RECORD NUMBER	FROM			TO			WIRE				SIGNAL	SEQ NO	EQUATION	TERM	FACTOR	CKT OR CHIP TYPE	GROUP	LOAD OR POWER PLANE	TEST POINTS AND/OR	SIGNAL DESCRIPTION	ECO NO
	PREFIX	CONNECTOR	PIN	PREFIX	CONNECTOR	PIN	MULTI GROUP	CODE	COLOR	IDENT											
01757		XA517	19		XA517	25						SPIO21	22	TTRSOA	01	2	TQ2	B3	09B		
01756		XA517	20		XA517	19						SPIO21	21	TTCP10	01	2	TQ2	B2	11A		
06096		XA517	21									TTRSOA	06	TTRSOA	00	1	TQ2	B3	10B		
06078		XA517	22									TTCP00	06	TTCP00	00	1	TQ2	B1	12A		
06098		XA517	23		XA517	17						TTRSO0	02	TTRSA1A	01	1	TQ2	B4	11B		
04967		XA517	24		XA516	52						TRDBCA	02	TTCP00	01	1	TQ2	B1	13A		
01758		XA517	25		XA517	26						SPIO21	23	TTRSA1A	01	2	TQ2	B4	12B		
01759		XA517	26		XA519	26						SPIO21	24	TTCP00	01	2	TQ2	B1	14A		
06104		XA517	27									TTRSA1A	05	TTRSA1A	00	1	TQ2	B4	13B		
00188		XA517	28									+5V	01				TQ2				
06470		XA517	29		XA517	35						UWLK0A	01	UWLK00	01	1	TQ2	C3	14B	001	
06504		XA517	30		XA539	27						UWLSOA	01	UWLSOA	00	1	TQ2	C2	15A	001	
01753		XA517	31		XA517	05						SPIO21	18	UWLK00	01	2	TQ2	C3	19B	001	
00958		XA517	32									GND	01				TQ2		20B		
06478		XA517	33									UWLK00	06	UWLK00	00	1	TQ2	C3	16B	001	
06515		XA517	34									UWLS00	02	UWLS0A	01	1	TQ2	C2	16A	001	
06471		XA517	35		XA516	51						UWLK0A	02	UWLK10	01	1	TQ2	C4	17B	001	
01746		XA517	36		XA517	37						SPIO21	11	UWLSOA	01	2	TQ2	C2	17A	001	
01747		XA517	37		XA516	36						SPIO21	12	UWLK10	01	2	TQ2	C4	18B	001	
04724		XA517	38									TLRCSA	10	TLRCSA	00	1	TQ2	C1	18A		
06479		XA517	39		XA539	60						UWLK10	01	UWLK10	00	1	TQ2	C4	19B	001	
04726		XA517	40									TLRCS0	02	TLRCSA	01	1	TQ2	C1	19A		
04614		XA517	41		XA518	36						TLCC0R	02	TLCC0S	01	1	TQ2	O3	22B		
01745		XA517	42		XA517	36						SPIO21	10	TLRCSA	01	2	TQ2	C1	20A		
04611		XA517	43		XA515	11						TLCC0A	01	TLCC0S	01	2	TQ2	O3	23B		
00959		XA517	44									GND	01				TQ2		21B		
04618		XA517	45		XA515	71						TLCC0S	02	TLCC0S	00	1	TQ2	D3	24B	WRITE LRC CHAR COU	
06503		XA517	46		XA421	39						TADS10	01	TADS10	00	1	TQ2	D2	21A	001	
06330		XA517	47									TFPR10X	07	TWDBSA	01	1	TQ2	D4	25B	001	
06497		XA517	48		XA517	54						TADSAA	02	TADS10	01	1	TQ2	D2	22A	001	
01743		XA517	49		XA517	50						SPIO21	08	TWDBSA	01	2	TQ2	D4	26B		
01744		XA517	50		XA517	42						SPIO21	09	TADS10	01	2	TQ2	D2	23A	001	
06324		XA517	51		XA515	18						TWDBSA	01	TWDBSA	00	1	TQ2	D4	27B		
06495		XA517	52		XA421	37						TADS00	01	TADS00	00	1	TQ2	D1	24A	001	
06527		XA517	53									TWRGOR	02	TWRG0S	01	1	TQ2	E3	28B		
06498		XA517	54		XA421	35						TADSAA	03	TADS00	01	1	TQ2	D1	25A	001	
06525		XA517	55									TWRGOA	02	TWRG0S	01	2	TQ2	E3	29B		
01741		XA517	56		XA516	56						SPIO21	06	TADS00	01	2	TQ2	D1	26A	001	
06529		XA517	57		XA516	61						TWRG0S	02	TWRG0S	00	1	TQ2	E3	30B	WRITE DELAY BIT 0	
00960		XA517	58									GND	01				TQ2		27A		
06540		XA517	59		XA522	49						TWRG1R	03	TWRG1S	01	1	TQ2	E4	31B		
04776		XA517	60									TMCP00	02	TMCP00	00	1	TQ2	E2	28A		
06548		XA517	61		XA515	59						TWRG2A	01	TWRG1S	01	2	TQ2	E4	32B		
04773		XA517	62		XA515	57						TMCP0A	01	TMCP00	01	1	TQ2	E2	29A		
06545		XA517	63		XA518	60						TWRG1S	04	TWRG1S	00	1	TQ2	E4	33B	WRITE DELAY BIT 1	
01740		XA517	64		XA517	56						SPIO21	05	TMCP00	01	2	TQ2	E2	30A		
05095		XA517	65		XA521	76						TREN1R	01	TREN1S	01	1	TQ2	F3	34B		
04777		XA517	66		XA514	36						TMR50A	01	TMR50A	00	1	TQ2	F1	31A		
00961		XA517	67									GND	01				TQ2		40A		
04780		XA517	68									TMR500	02	TMR50A	01	1	TQ2	F1	32A		
CONNECTOR		XA517	CONTINUED ON THE NEXT PAGE ****																		

RECORD NUMBER	FROM				TO				WIRE			SIGNAL	SEQ 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											
05097		XA517	69			XA521	71						TREN1S	01	TREN1S	00	1	TQ2	F3	35A	FORWARD READ ENABL	
01739		XA517	70			XA517	64						SPI021	04	TMR50A	01	2	TQ2	F1	33A		
05084		XA517	71			XA518	64						TRENOR	01	TRENOS	01	1	TQ2	F2	36A		
05089		XA517	72			XA518	66						TRENOS	04	TRENOS	00	1	TQ2	F2	34A	READ REG READ ENAB	
05081		XA517	73			XA516	80						TRENOA	02	TRENOS	01	2	TQ2	F2	36B		
05108		XA517	74			XA506	73						TREN2A	02	TREN1S	01	2	TQ2	F3	35B		
06559		XA517	75										TWRG3A	02	TWRG3A	00	1	TQ2	F1	37B		
01738		XA517	76										TREDBQ	02	TREN3A	01	1	TQ2	F4	37A		
06538		XA517	77			XA516	63						TWRG1R	01	TWRG3A	01	1	TQ2	F1	38B		
01674		XA517	78										TS2890	03	TREN3A	01	2	TQ2	F4	38A		
05671		XA517	79			XA515	70						TSCL1B	18	TWRG3A	01	2	TQ2	F1	39B		
03415		XA517	80										TREN3A	02	TREN3A	00	1	TQ2	F4	39A		C03
06721		XA518	01			XA518	09						TWRT30	04	TWRT7A	01	1	TT3	A2	02B		
00962		XA518	02										GND	01				TT3		01B		
07603		XA518	03										TXR3CS	10	TWRT7A	01	2	TT3	A2	02A		
06725		XA518	04										TWRT6A	02	TWRT6A	00	1	TT3	A1	04A		
07183		XA518	05			XA518	13						TXDV1B	38	TWRT7A	01	3	TT3	A2	03B		
06720		XA518	06			XA518	01						TWRT30	03	TWRT6A	01	1	TT3	A1	05A		
06727		XA518	07										TWRT7A	02	TWRT7A	00	1	TT3	A2	03A		
07579		XA518	08			XA528	77						TXR2CS	01	TWRT6A	01	2	TT3	A1	06A		
06722		XA518	09			XA518	22						TWRT30	05	UWRT8A	01	1	TT3	A3	04B		D04
07185		XA518	10			XA518	26						TXDV1B	40	TWRT6A	01	3	TT3	A1	07A		
07578		XA518	11										TXR2CR	07	UWRT8A	01	2	TT3	A3	05B		D04
00189		XA518	12										+5V	01				TT3				
07184		XA518	13			XA518	10						TXDV1B	39	UWRT8A	01	3	TT3	A3	06B		D04
04095		XA518	14										TDR5CA	02	TDR500	01	1	TT3	B2	09A		
06728		XA518	15			XA517	03						UWRT8A	01	UWRT8A	00	1	TT3	A3	07B		D04
00963		XA518	16										GND	01				TT3		21B		
07988		XA518	17			XA432	14						TXODRA	01	TDR500	01	2	TT3	B2	08B		
07457		XA518	18			XA518	42						TXRS2B	22	TDR500	01	3	TT3	B2	10A		C06
04102		XA518	19			XA520	53						TDR500	02	TDR500	00	1	TT3	B2	09B		
06730		XA518	20			XA517	11						UWRT9A	01	UWRT9A	00	1	TT3	B1	11A		D04
06090		XA518	21										TTR5CA	02	TTR500	01	1	TT3	B3	10B		
06723		XA518	22										TWRT30	06	UWRT9A	01	1	TT3	B1	12A		D04
05088		XA518	23			XA517	72						TRENOS	03	TTR500	01	2	TT3	B3	11B		
07588		XA518	24			XA428	59						TXR3CR	01	UWRT9A	01	2	TT3	B1	13A		D04
07458		XA518	25										TWRIEP	06	TTR500	01	3	TT3	B3	12B		C06
07186		XA518	26										TXDV1B	41	UWRT9A	01	3	TT3	B1	14A		D04
06097		XA518	27			XA517	23						TTR500	01	TTR500	00	1	TT3	B3	13B		
00190		XA518	28										+5V	01				TT3				
06368		XA518	29			XA509	33						TWDDEPR	02	TWDDEA	01	1	TT3	C2	14B		
03942		XA518	30			XA527	50						IC70BQ	04	TWDDEA	01	2	TT3	C2	15A		
06366		XA518	31										TWDDEA	03	TWDDEA	00	1	TT3	C2	15B		
00964		XA518	32										GND	01				TT3		27A		
06617		XA518	33			XA510	52						TWRI1S	01	TWRI4A	01	1	TT3	C3	16B		
03960		XA518	34			XA416	45						IC73BP	05	TWDDEA	01	3	TT3	C2	16A		
03811		XA518	35			XA520	21						TCZR70	03	TWRI4A	01	2	TT3	C3	17B		
04615		XA518	36			XA521	48						TLCCOR	03	TLCCOR	00	1	TT3	C1	17A		
CONNECTOR		XA518	CONTINUED ON THE NEXT PAGE ****																			

RECORD NUMBER	FROM				TO				WIRE				SIGNAL	SEQ 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	WIRE	IDENT.												WIRE
03667		XA518	37		XA518	49				168	9		TSCL1B	14	TWRI4A	01	3	TT3	C3		18B			
04617		XA518	38		XA517	45				168	9		TLCC0S	01	TLCC0R	01	1	TT3	C1		18A			
06648		XA518	39		XA511	70				168	9		TWRI4A	01	TWRI4A	00	1	TT3	C3		19B			
04622		XA518	40		XA512	27				168	9		TLCC1A	02	TLCC0R	01	2	TT3	C1		19A			
04629		XA518	41		XA524	57				168	9		YLCC1S	03	TLCC4A	01	1	TT3	D2		22B			
07459		XA518	42		XA510	49				168	9		TXRS2B	24	TLCC0R	01	3	TT3	C1		20A			
04650		XA518	43		XA512	55				168	9		TLCC4A	01	TLCC4A	00	1	TT3	D2		23B			
00965		XA518	44										GND	01				TT3			40A			
04640		XA518	45		XA524	77				168	9		TLCC2S	03	TLCC6A	01	1	TT3	D3		24B			
03810		XA518	46		XA518	35				168	9		TCZR70	02	TLCC4A	01	2	TT3	D2		21A			
08074		XA518	47		XA523	69				168	9		T399U0	01	TLCC6A	01	2	TT3	D3		25B		D01	
05669		XA518	48		XA518	56				168	9		TSCL1B	16	TLCC4A	01	3	TT3	D2		22A			
05668		XA518	49		XA518	48				168	9		TSCL1B	15	TLCC6A	01	3	TT3	D3		26B			
04704		XA518	50		XA516	48				168	9		TLRCCA	01	TLRCCA	00	1	TT3	D1		23A			
04653		XA518	51										TLCC6A	02	TLCC6A	00	1	TT3	D3		27B			
04707		XA518	52										TLRCC0	02	TLRCCA	01	1	TT3	D1		24A			
06588		XA518	53		XA512	71				168	9		TWRIT0	03	UW4BCA	01	1	TT3	E2		28B		D01	
05834		XA518	54		XA524	37				168	9		TSNC1S	06	TLRCCA	01	2	TT3	D1		25A			
06805		XA518	55										UW4BCA	03	UW4BCA	00	1	TT3	E2		29B		D01	
05670		XA518	56		XA517	79				168	9		TSCL1B	17	TLRCCA	01	3	TT3	D1		26A			
04599		XA518	57										TLAD2R	02	TLAD2S	01	1	TT3	E3		30B			
00966		XA518	58									GND	01					TT3			40B			
04595		XA518	59		XA509	50				168	9		TLAD2A	01	TLAD2S	01	2	TT3	E3		31B			
06546		XA518	60		XA512	64				168	9		TWRG1S	05	UW4BCA	01	2	TT3	E2		28A		D01	
07435		XA518	61		XA518	70				168	9		TXRS1B	32	TLAD2S	01	3	TT3	E3		32B			
08104		XA518	62		XA524	79				168	9		TXGN2A	03	UW4BCA	01	3	TT3	E2		29A		D01	
04600		XA518	63		XA502	36				168	9		TLAD2S	01	TLAD2S	00	1	TT3	E3		33B	LOOK AHEAD DELAY C		
05085		XA518	64										TRENOR	02	TRENOR	00	1	TT3	E1		30A			
05884		XA518	65		XA508	24				168	9		TSPN1S	02	TREN2A	01	1	TT3	F2		34B		D01	
05090		XA518	66		XA543	54				168	9		TRENOS	05	TRENOR	01	1	TT3	E1		31A			
00967		XA518	67										GND	01				TT3						
04578		XA518	68		XA510	65				168	9		TLAD0R	01	TRENOR	01	2	TT3	E1		32A			
06628		XA518	69		XA512	66				168	9		TWRI2R	04	UWRIC0	01	1	TT3	F3		35A			
07436		XA518	70		XA518	79				168	9		TXRS1B	33	TRENOR	01	3	TT3	E1		33A		D01	
04077		XA518	71		XA509	68				168	9		TDIR1S	01	TREN2A	01	2	TT3	F2		36A			
06011		XA518	72		XA525	59				168	9		TSTR90	04	TREN2A	01	3	TT3	E2		34A		E03	
06552		XA518	73										TWRG2R	03	TWRG2R	00	1	TT3	F1		36B			
05107		XA518	74		XA517	74				168	9		TREN2A	01	TREN2A	00	1	TT3	E2		35B			
06554		XA518	75		XA516	65				168	9		TWRG2S	02	TWRG2R	01	1	TT3	F1		37B			
06602		XA518	76		XA512	60				168	9		UWRIOA	01	UWRIC0	01	2	TT3	E3		37A		D01	
06558		XA518	77		XA517	75				168	9		TWRG3A	01	TWRG2R	01	2	TT3	F1		38B			
04626		XA518	78										TLCC1R	03	UWRIC0	01	3	TT3	E3		38A		D01	
07437		XA518	79		XA521	78				168	9		TXRS1B	34	TWRG2R	01	3	TT3	F1		39B			
06568		XA518	80									M	UWRIC0	02	UWRIC0	00	1	TT3	E3		39A		D01	
08058		XA519	01		XA520	04				168	9		T030MA	01	T030MA	00	1	TQ2	A2		02B	MAIN COUNT 50MS	D01	
00968		XA519	02										GND	01				TQ2			01A			
03899		XA519	03		XA525	50				168	9		TC31BP	02	T002MA	01	1	TQ2	A3		02A		E03	
03879		XA519	04		XA433	71				168	9		TC42BP	02	T030MA	01	1	TQ2	A2		04A		E06	
CONNECTOR		XA519	CONTINUED ON THE NEXT PAGE ****																					

RECORD NUMBER	FROM			TO			WIRE			SIGNAL	SEG NO	EQUATION	TERM	FACTOR	CMT OR CHIP TYPE	GROUP	LOAD OF POWER PLANE	TEST POINTS AND/OR	SIGNAL DESCRIPTION	ECO NO
	PREFIX	CONNECTOR	PIN	PREFIX	CONNECTOR	PIN	MULTI GROUP	CODE	COLOR											
03894		XA519	05							TC43B0	03	T030MA	01	2	TQ2	A2		03B		D01
08037		XA519	06		XA520	08			16B	9								05A	MAIN COUNT 3MS	
03903		XA519	07							TC32B0	03	T002MA	01	2	TQ2	A3		03A		E06
03865		XA519	08		XA415	21			16B	9								06A		
08068		XA519	09		XA520	24			16B	9								04B	MAIN COUNT 100MS	E03
03871		XA519	10		XA433	73			16B	9								07A		E03
03907		XA519	11							TC52B0	02	T300MA	01	1	TQ2	A4		05B		
00191		XA519	12							+5V	01									
03912		XA519	13							TC53B0	03	T300MA	01	2	TQ2	A4		06B		D01
08048		XA519	14		XA520	18			16B	9								09A	MAIN COUNT 30US	D01
08094		XA519	15							T300MA	02	T300MA	00	1	TQ2	A4		07B	MAIN COUNT 300MS	
00969		XA519	16							GND	01							01B		
06398		XA519	17		XA524	33			16B	9								08B		
03832		XA519	18							TC14BP	04	T080UA	01	1	TQ2	B2		10A		D01
06326		XA519	19		XA422	11			16B	9								09B		D04
03836		XA519	20		XA417	05			16B	9								11A		D01
04385		XA519	21							TFPE2A	02	TFPE2A	00	1	TQ2	B3		10B		
03416		XA519	22							SPO	01		00	1	TQ2	B1		12A		
04074		XA519	23		XA540	15			16B	9								11B		
01689		XA519	24		XA521	42			16B	9								13A		
05880		XA519	25		XA407	34			16B	9								12B		
01760		XA519	26		XA520	25			16B	9								14A		
05395		XA519	27		XA520	23			16B	9								13B		
00192		XA519	28							+5V	01									
05407		XA519	29		XA519	35			16B	9								14B		
03449		XA519	30							TRWCOA	02	TBCP20	01	1	TQ2	C3		15A		
04669		XA519	31		XA415	65			16B	9								15B		
00970		XA519	32							GND	01							20B		
03454		XA519	33							TBCP20	05	TBCP20	00	1	TQ2	C3		16B		
05409		XA519	34		XA519	40			16B	9								16A		
05408		XA519	35		XA519	34			16B	9								17B		
04667		XA519	36		XA519	37			16B	9								17A		
04668		XA519	37		XA519	31			16B	9								18B		
03440		XA519	38		XA533	30			16B	9								18A	BUFFER REG CLOCK B	
03455		XA519	39		XA534	30			16B	9								19B		
05410		XA519	40		XA519	41			16B	9								19A		
05411		XA519	41		XA519	47			16B	9								22B		
04666		XA519	42		XA519	36			16B	9								20A		
04665		XA519	43		XA519	42			16B	9								23B		
00971		XA519	44							GND	01							21B		
03470		XA519	45		XA535	56			16B	9								24B		
03465		XA519	46		XA535	26			16B	9								21A		
05412		XA519	47		XA519	48			16B	9								25B		
05413		XA519	48		XA519	54			16B	9								22A		
04664		XA519	49		XA519	43			16B	9								26B		
04663		XA519	50		XA519	49			16B	9								23A		
03479		XA519	51							TBCP70	05	TBCP70	00	1	TQ2	D4		27B	BUFFER REG CLOCK B	
03464		XA519	52							TBCP40	05	TBCP40	00	1	TQ2	D1		24A		
05238		XA519	53							TRRCOA	09	TRCP20	01	1	TQ2	E3		28B		
05414		XA519	54							TRWCOA	09	TBCP40	01	1	TQ2	D1		25A		
CONNECTOR		XA519	CONTINUED ON THE NEXT PAGE ***																	

RECORD NUMBER	FROM			TO			WIRE				SIGNAL	SEQ NO	EQUATION	TERM	FACTOR	CHK OR CHIP TYPE	GROUP	LOAD OR POWER PLANE	TEST POINTS AND/OR	SIGNAL DESCRIPTION	ECO NO
	PREFIX	CONNECTOR	PIN	PREFIX	CONNECTOR	PIN	MULTI GROUP	CODE	COLOR	IDENT											
04690		XA519	55		XA415	72		168	9			TLPT5A	08	TRCP20	01	2	TQ2	E3	29B		
04662		XA519	56		XA519	50		168	9			TLPT1A	02	T8CP40	01	2	TQ2	01	28A		
04940		XA519	57									TRCP20	05	TRCP20	00	1	TQ2	E3	30B		
00972		XA519	58									GND	01				TQ2		27A		
05237		XA519	59		XA519	53		168	9			TRRC0A	08	TRCP30	01	1	TQ2	E4	31B		
04931		XA519	60		XA531	26		168	9			TRCP10	01	TRCP10	00	1	TQ2	E2	28A		
04689		XA519	61		XA519	55		168	9			TLPT5A	07	TRCP30	01	2	TQ2	E4	32B		
05235		XA519	62		XA521	59		168	9			TRRC0A	06	TRCP10	01	1	TQ2	E2	29A		
04941		XA519	63		XA531	60		168	9			TRCP30	01	TRCP30	00	1	TQ2	E4	33B		
04688		XA519	64		XA519	61		168	9			TLPT5A	06	TRCP10	01	2	TQ2	E2	30A		
05233		XA519	65		XA519	68		168	9			TRRC0A	04	TRCP60	01	1	TQ2	F3	34B		
04930		XA519	66									TRCP00	05	TRCP00	00	1	TQ2	F1	31A	OUTPUT DATA REG CI	
00973		XA519	67									GND	01				TQ2		40A		
05234		XA519	68		XA519	62		168	9			TRRC0A	05	TRCP00	01	1	TQ2	F1	32A		
04960		XA519	69									TRCP60	05	TRCP60	00	1	TQ2	F3	35A		
04687		XA519	70		XA519	64		168	9			TLPT5A	05	TRCP00	01	2	TQ2	E1	33A		
05232		XA519	71		XA519	65		168	9			TRRC0A	03	TRCP50	01	1	TQ2	F2	36A		
04955		XA519	72									TRCP50	05	TRCP50	00	1	TQ2	F2	34A		
04685		XA519	73		XA519	74		168	9			TLPT5A	03	TRCP50	01	2	TQ2	F2	36B		
04686		XA519	74		XA519	70		168	9			TLPT5A	04	TRCP60	01	2	TQ2	F3	35B		
04950		XA519	75									TRCP40	05	TRCP40	00	1	TQ2	F1	37B		
05230		XA519	76		XA519	77		168	9			TRRC0A	01	TRCP70	01	1	TQ2	F4	37A		
05231		XA519	77		XA519	71		168	9			TRRC0A	02	TRCP40	01	1	TQ2	F1	38B		
04683		XA519	78		XA519	79		168	9			TLPT5A	01	TRCP70	01	2	TQ2	F4	38A		
04684		XA519	79		XA519	73		168	9			TLPT5A	02	TRCP40	01	2	TQ2	F1	39B		
04965		XA519	80									TRCP70	05	TRCP70	00	1	TQ2	F4	39A	OUTPUT DATA REG CI	
08061		XA520	01		XA524	53		168	9			T030M0	02	T030M0	00	1	TQ2	A2	02B		E03
00974		XA520	02									GND	01				TQ2		01A		
08069		XA520	03									T033MA	02	T033M0	01	1	TQ2	A3	02A		E03
08059		XA520	04									T030MA	02	T030M0	01	1	TQ2	A2	04A		D01
01766		XA520	05		XA520	07		168	9			SPI021	31	T030M0	01	2	TQ2	A2	03B		D01
08040		XA520	06									T003M0	02	T003M0	00	1	TQ2	A1	05A		
01767		XA520	07		XA520	10		168	9			SPI021	32	T033M0	01	2	TQ2	A3	03A		E03
08038		XA520	08									T003MA	02	T003M0	01	1	TQ2	A1	06A		
08071		XA520	09		XA409	47		168	9			T033M0	01	T033M0	00	1	TQ2	A3	04B		E03
01768		XA520	10		XA442	75		168	9			SPI021	33	T003M0	01	2	TQ2	A1	07A		
08093		XA520	11									T200MA	02	T200M0	01	1	TQ2	A4	05B		D01
00193		XA520	12									+5V	01				TQ2				
01765		XA520	13		XA520	05		168	9			SPI021	30	T200M0	01	2	TQ2	A4	06B		D01
08051		XA520	14		XA515	34		168	9			T080U0	02	T080U0	00	1	TQ2	B2	09A		D01
08096		XA520	15		XA407	48		168	9			T200M0	02	T200M0	00	1	TQ2	A4	07B		D01
00975		XA520	16									GND	01				TQ2		01B		
03807		XA520	17		XA521	11		168	9			TCZR7A	01	TCZR70	01	1	TQ2	B3	08B		
08049		XA520	18									T080UA	02	T080U0	01	1	TQ2	B2	10A		D01
01764		XA520	19		XA520	13		168	9			SPI021	29	TCZR70	01	2	TQ2	B3	09B		
01763		XA520	20		XA520	19		168	9			SPI021	28	T080U0	01	2	TQ2	B2	11A		D01
03812		XA520	21									TCZR70	04	TCZR70	00	1	TQ2	B3	10B		
08110		XA520	22									T002M0	02	T002M0	00	1	TQ2	B1	12A		E03
CONNECTOR		XA520	CONTINUED ON THE NEXT PAGE ****																		

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	PLD	PREFIX	CONNECTOR	PIN	PLD	MULTI GROUP	CODE	COLOR	IDENT									SPC INSET	AND		
05396		XA520	23										TRUNCA	02	TRUNCO	01	1	TQ2	B4		11B		D02	
08108		XA520	24										TQ02MA	03	TQ02M0	01	1	TQ2	B1		13A		E03	
01761		XA520	25		XA520	20				16B	9		SPI021	26	TRUNCO	01	2	TQ2	B4		12B		D01	
01762		XA520	26		XA514	72				16B	9		SPI013	113	TQ02M0	01	2	TQ2	B1		14A		E03	
05400		XA520	27		XA506	61				16B	9		TRUNCO	01	TRUNCO	00	1	TQ2	B4		13B		D02	
00194		XA520	28										+5V	01				TQ2						
07218		XA520	29		XA429	33				16B	9		TXED1A	02	TDCP20	01	1	TQ2	C3		14B			
04033		XA520	30		XA528	30				16B	9		TDCP10	01	TDCP10	00	1	TQ2	C2		15A			
07994		XA520	31		XA520	37				16B	9		TXOD1A	02	TDCP20	01	2	TQ2	C3		15B			
00976		XA520	32										GND	01				TQ2			20B			
04042		XA520	33										TDCP20	05	TDCP20	00	1	TQ2	C3		16B			
07215		XA520	34		XA429	35				16B	9		TXED0A	02	TDCP10	01	1	TQ2	C2		16A			
07217		XA520	35		XA520	29				16B	9		TXED1A	01	TDCP30	01	1	TQ2	C4		17B			
07991		XA520	36		XA430	36				16B	9		TXOD0A	02	TDCP10	01	2	TQ2	C2		17A			
07995		XA520	37										TXOD1A	03	TDCP30	01	2	TQ2	C4		18B			
04032		XA520	38										TDCP00	05	TDCP00	00	1	TQ2	C1		18A			
04047		XA520	39										TDCP30	05	TDCP30	00	1	TQ2	C4		19B			
07214		XA520	40		XA520	34				16B	9		TXED0A	01	TDCP00	01	1	TQ2	C1		19A			
07224		XA520	41		XA520	47				16B	9		TXED3A	02	TDCP60	01	1	TQ2	D3		22B			
07990		XA520	42		XA520	36				16B	9		TXOD0A	01	TDCP00	01	2	TQ2	C1		20A			
08003		XA520	43		XA520	49				16B	9		TXOD3A	05	TDCP60	01	2	TQ2	D3		23B			
00977		XA520	44										GND	01				TQ2			21B			
04062		XA520	45										TDCP60	05	TDCP60	00	1	TQ2	D3		24B			
04053		XA520	46		XA529	60				16B	9		TDCP50	01	TDCP50	00	1	TQ2	D2		21A			
07225		XA520	47		XA429	45				16B	9		TXED3A	03	TDCP70	01	1	TQ2	D4		25B			
07221		XA520	48		XA429	47				16B	9		TXED2A	02	TDCP70	01	1	TQ2	D2		22A			
08004		XA520	49		XA524	68				16B	9		TXOD3A	06	TDCP70	01	2	TQ2	D4		26B			
07997		XA520	50		XA430	39				16B	9		TXOD2A	02	TDCP50	01	2	TQ2	D2		23A			
04063		XA520	51		XA530	56				16B	9		TDCP70	01	TDCP70	00	1	TQ2	D4		27B			
04052		XA520	52										TDCP40	05	TDCP40	00	1	TQ2	D1		24A			
04103		XA520	53		XA520	59				16B	9		TDRS00	03	TDRS2A	01	1	TQ2	E3		28B			
07220		XA520	54		XA520	48				16B	9		TXED2A	01	TDCP40	01	1	TQ2	D1		25A			
01799		XA520	55		XA522	43				16B	9		SPI022	30	TDRS2A	01	2	TQ2	E3		29B			
07996		XA520	56		XA520	50				16B	9		TXOD2A	01	TDCP40	01	2	TQ2	D1		26A			
04115		XA520	57		XA528	64				16B	9		TDRS2A	01	TDRS2A	00	1	TQ2	E3		30B			
00978		XA520	58										GND	01				TQ2			27A			
04104		XA520	59		XA520	62				16B	9		TDRS00	04	TDRS3A	01	1	TQ2	E4		31B			
04114		XA520	60										TDRS1A	05	TDRS1A	00	1	TQ2	F2		28A			
01798		XA520	61		XA520	55				16B	9		SPI022	29	TDRS3A	01	2	TQ2	E4		32B			
04105		XA520	62		XA520	65				16B	9		TDRS00	05	TDRS1A	01	1	TQ2	F2		29A			
04124		XA520	63										TDRS3A	05	TDRS3A	00	1	TQ2	E4		33B			
01736		XA520	64		XA516	73				16B	9		SPI021	01	TDRS1A	01	2	TQ2	F2		30A			
04106		XA520	65		XA520	71				16B	9		TDRS00	06	TDRS6A	01	1	TQ2	F3		34B			
06415		XA520	66										TWEN30	02	TWEN30	00	1	TQ2	F1		31A			
00979		XA520	67										GND	01				TQ2			40A			
06412		XA520	68		XA524	39				16B	9		TWEN2A	01	TWEN30	01	1	TQ2	F1		32A			
04135		XA520	69		XA530	22				16B	9		TDRS6A	01	TDRS6A	00	1	TQ2	F3		35A			
06407		XA520	70										TWEN0R	03	TWEN30	01	2	TQ2	F1		33A			
04107		XA520	71		XA520	77				16B	9		TDRS00	07	TDRS5A	01	1	TQ2	F2		36A			
04134		XA520	72										TDRS5A	05	TDRS5A	00	1	TQ2	F2		34A			
CONNECTOR		XA520	CONTINUED ON THE NEXT PAGE ****																					

RECORD NUMBER	FROM				TO				WIRE				SIGNAL	SEQ NO	EQUATION	TERM	FACTOR	CMT OR CHIP TYPE	GROUP	LOAD OR POWER PLANE	TEST POINTS AND/OR	SIGNAL DESCRIPTION	PCO NO
	PREFIX	CONNECTOR	PIN	TYPE	PREFIX	CONNECTOR	PIN	TYPE	CODE	COLOR	IDEN.	SPC INST DISC											
01797		XA520	73		XA520	61			168	9			SPI022	28	TDRS5A	01	2	TQ2	F2		36B		
01793		XA520	74		XA520	78			168	9			SPI022	24	TDRS6A	01	2	TQ2	F3		35B		
04129		XA520	75										TDRS4A	05	TDRS4A	00	1	TQ2	F1		37B		
04109		XA520	76										TDRS00	09	TDRS7A	01	1	TQ2	F4		37A		
04108		XA520	77		XA520	76			168	9			TDRS00	08	TDRS4A	01	1	TQ2	F1		38B		
01794		XA520	78		XA520	79			168	9			SPI022	25	TDRS7A	01	2	TQ2	F4		38A		
01796		XA520	79		XA520	73			168	9			SPI022	27	TDRS4A	01	2	TQ2	F1		39B		
04144		XA520	80										TDRS7A	05	TDRS7A	00	1	TQ2	F4		39A		
03941		XA521	01		XA518	30			168	9			TC70B0	03	TCZR7A	01	1	TS8	A1		02B		
00980		XA521	02										GND	01				TS8			01A		
00476		XA521	03										DNW	01				TS8					
03970		XA521	04										TC74BQ	02	TCZR7A	01	2	TS8	A1		04A		
03977		XA521	05										TC80B0	03	TCZR7A	01	3	TS8	A1		03B	D01	
04009		XA521	06		XA417	74			168	9			TC84BQ	01	TCZR7A	01	4	TS8	A1		05A	A03	
04017		XA521	07		XA527	43			168	9			TC90B0	03	TCZR7A	01	5	TS8	A1		03A		
04026		XA521	08		XA414	55			168	9			TC91BQ	03	TCZR7A	01	6	TS8	A1		06A		
00477		XA521	09										DNW	01				TS8					
01771		XA521	10		XA523	13			168	9			SPI022	02	TCZR7A	01	7	TS8	A1		07A		
03808		XA521	11										TCZR7A	02	TCZR7A	00	1	TS8	A1		05B	WRITE TIMING COUNT	
00195		XA521	12										+5V	01				TS8					
01688		XA521	13		XA519	24			168	9			SPI019	22	TCZR7A	01	8	TS8	A1		06B		
05062		XA521	14		XA425	61			168	9			TREADQ	03	TRTOCA	01	1	TS8	B1		09A		
00478		XA521	15										DNW	01				TS8					
00981		XA521	16										GND	01				TS8			21B		
00479		XA521	17										DNW	01				TS8					
08019		XA521	18		XA430	77			168	9			TXONL0	02	TRTOCA	01	2	TS8	B1		10A		
05099		XA521	19		XA507	18			168	9			TRENIS	03	TRTOCA	01	3	TS8	B1		09B		
04786		XA521	20		XA514	31			168	9			TMWC8Q	01	TRTOCA	01	4	TS8	B1		11A		
00480		XA521	21										DNW	01				TS8					
04813		XA521	22		XA526	74			168	9			TM02B0	04	TRTOCA	01	5	TS8	B1		12A	A03	
05387		XA521	23		XA505	11			168	9			TRTOCA	01	TRTOCA	00	1	TS8	B1		11B	READ COMMAND IOU T	
04821		XA521	24		XA521	52			168	9			TM03BQ	03	TRTOCA	01	6	TS8	B1		13A		
04829		XA521	25		XA521	54			168	9			TM04BP	02	TRTOCA	01	7	TS8	B1		12B		
05732		XA521	26		XA521	37			168	9			TSCL3B	15	TRTOCA	01	8	TS8	B1		14A		
00481		XA521	27										DNW	01				TS8					
00196		XA521	28										+5V	01				TS8					
00482		XA521	29										DNW	01				TS8					
06037		XA521	30		XA526	33			168	9			TS29CP	05	TRWCOA	01	1	TS8	C1		15A		
04812		XA521	31		XA521	22			168	9			TM02B0	03	TRWCOA	01	2	TS8	C1		15B		
00982		XA521	32										GND	01				TS8			27A		
00483		XA521	33										DNW	01				TS8					
04816		XA521	34		XA514	35			168	9			TM03BP	02	TRWCOA	01	3	TS8	C1		16A		
05406		XA521	35		XA519	29			168	9			TRWCOA	01	TRWCOA	00	1	TS8	C1		17B	WRITE INTO BUFFER	
04833		XA521	36		XA521	64			168	9			TM04BQ	02	TRWCOA	01	4	TS8	C1		17A		
05733		XA521	37		XA515	50			168	9			TSCL3B	16	TRWCOA	01	5	TS8	C1		18B		
01286		XA521	38		XA514	04			168	9			SPI003	21	TRWCOA	01	6	TS8	C1		18A	E03	
00484		XA521	39										DNW	01				TS8					
01801		XA521	40		XA523	43			168	9			SPI022	32	TRWCOA	01	7	TS8	C1		19A		
CONNECTOR		XA521	CONTINUED ON THE NEXT PAGE ***																				

RECORD NUMBER	FROM				TO				WIRE				SFC INST DISC	SIGNAL	SEQ NO	EQUATION	TERM	FACTOR	CKT OR CHIP TYPE	GROUP	LOAD OR PCWEN PLANE	TEST POINTS AND/OR	SIGNAL DESCRIPTION	ECO NO
	PREFIX	CONNECTOR	PIN	TYPE	PREFIX	CONNECTOR	PIN	TYPE	MULTI GROUP	CODE	COLOR	IDENT												
00485		XA521	41											DNW	01				TS8					
01690		XA521	42			XA521	68				16B	9		SPT019	24	TRWCOA	01	8	TS8	C1		20A		
06587		XA521	43			XA518	53				16B	9		TWRITQ	02	TWTOCA	01	1	TS8	D1		23B		
00983		XA521	44											GND	01				TS8			40A		
00486		XA521	45											DNW	01				TS8					
08018		XA521	46			XA521	18				16B	9		TXONLO	01	TWTOCA	01	2	TS8	D1		21A		
06735		XA521	47											TWTOCA	02	TWTOCA	00	1	TS8	D1		25B	WRITE COMMAND IOU	
04616		XA521	48											TLCCOR	04	TWTOCA	01	3	TS8	D1		22A		
04785		XA521	49											TMWCBP	05	TWTOCA	01	4	TS8	D1		26B		
04806		XA521	50			XA521	61				16B	9		TM02BP	02	TWTOCA	01	5	TS8	D1		23A		
00487		XA521	51											DNW	01				TS8					
04822		XA521	52			XA526	62				16B	9		TM03BQ	04	TWTOCA	01	6	TS8	D1		24A		
00488		XA521	53											DNW	01				TS8					
04830		XA521	54			XA526	57				16B	9		TM04BP	03	TWTOCA	01	7	TS8	D1		25A		
06733		XA521	55											TWTSTP	02	TRRCOA	01	1	TS8	E1		29B		
05724		XA521	56			XA521	66				16B	9		TSCL3B	07	TWTOCA	01	8	TS8	D1		26A		
00489		XA521	57											DNW	01				TS8					
00984		XA521	58											GND	01				TS8					
05236		XA521	59			XA519	59				16B	9		TRR0A	07	TRR0A	00	1	TS8	E1		31B	TRANSFER BUFFER TO	
06036		XA521	60			XA521	30				16B	9		TS29CP	04	TRR0A	01	2	TS8	E1		28A		
04807		XA521	61			XA507	61				16B	9		TM02BP	03	TRR0A	01	3	TS8	E1		32B		
04815		XA521	62			XA521	34				16B	9		TM03BP	01	TRR0A	01	4	TS8	F1		29A		
00490		XA521	63											DNW	01				TS8					
04834		XA521	64			XA515	62				16B	9		TM04BQ	03	TRR0A	01	5	TS8	F1		30A		
00491		XA521	65											DNW	01				TS8					
05725		XA521	66			XA522	42				16B	9		TSCL3B	08	TRR0A	01	6	TS8	F1		31A		
00985		XA521	67											GND	01				TS8					
01691		XA521	68			XA526	65				16B	9		SPIO19	25	TRR0A	01	7	TS8	F1		32A		
00492		XA521	69											DNW	01				TS8					
01792		XA521	70			XA520	74				16B	9		SPIO22	23	TRR0A	01	8	TS8	F1		33A		
05098		XA521	71			XA521	19				16B	9		TREN1S	02	TREN1R	01	1	TS8	F1		36A		
05092		XA521	72			XA515	76				16B	9		TREN1A	01	TREN1R	01	2	TS8	F1		34A		
03513		XA521	73			XA523	33				16B	9		TBOTOR	01	TREN1R	01	3	TS8	F1		36B		
04332		XA521	74			XA526	53				16B	9		SPIO23	01	TREN1R	01	4	TS8	F1		35B		D04
06035		XA521	75			XA521	60				16B	9		TS29CP	03	TREN1R	01	5	TS8	F1		37B		
05096		XA521	76											TREN1R	02	TREN1R	00	1	TS8	F1		37A		
04889		XA521	77											TNSG1R	04	TREN1R	01	6	TS8	F1		38B		
07438		XA521	78			XA524	70				16B	9		TXRS1B	35	TREN1R	01	7	TS8	F1		38A		
01795		XA521	79			XA509	80				16B	9		TNSGMA	005	TREN1R	01	8	TS8	F1		39B		C06
00493		XA521	80											DNW	01				TS8					
05460		XA522	01										M	URW2CA	01	URW2CA	00	1	TQ2	A2		02B		D01
00986		XA522	02											GND	01				TQ2			01A		
06186		XA522	03			XA424	42				16B	9		TTS3BS	03	URW3CA	01	1	TQ2	A3		02A		D01
06158		XA522	04			XA424	46				16B	9		TTS2BS	03	URW2CA	01	1	TQ2	A2		04A		D01
05204		XA522	05			XA422	34				16B	9		TADSBOX	02	URW2CA	01	2	TQ2	A2		03B		D01
05442		XA522	06										M	URW1CA	01	URW1CA	00	1	TQ2	A1		05A		D01
05217		XA522	07			XA545	76				16B	9		UREW3OX	02	URW3CA	01	2	TQ2	A3		03A		D01
06134		XA522	08			XA421	11				16B	9		TTS1BS	03	URW1CA	01	1	TQ2	A1		06A		D01
CONNECTOR		XA522	CONTINUED ON THE NEXT PAGE		****																			

RECORD NUMBER	FROM			TO			WIRE				SFC INST. MISC.	SIGNAL	SEQ NO	EQUATION	TERM	FACTOR	CKT OR CHIP TYPE	GROUP	LOAD OR POWER PLANE	TEST POINTS AND/OR	SIGNAL DESCRIPTION	ECO NO
	PREFIX	CONNECTOR	PIN	PREFIX	CONNECTOR	PIN	MULTI GROUP	CODE	COLOR	IDENT												
05471		XA522	09								M	URW3CA	02	URW3CA	00	1	TQ2	A3		04B		D01
05189		XA522	10		XA523	11		16B	9			TREW10X	02	URW1CA	01	2	TQ2	A1		07A		D01
06214		XA522	11		XA424	40		16B	9			TTS4BS	03	URW4CA	01	1	TQ2	A4		05B		D01
00197		XA522	12									+5V	01				TQ2					
05226		XA522	13		XA545	68		16B	9			UREW40X	02	URW4CA	01	2	TQ2	A4		06B		D01
04375		XA522	14		XA523	25		16B	9			UE0T4A	01	UE0T4A	00	1	TQ2	B2		09A		D01
05480		XA522	15								M	URW4CA	01	URW4CA	00	1	TQ2	A4		07B		D01
00987		XA522	16									GND	01				TQ2			01B		D01
04339		XA522	17		XA505	10		16B	9			TE0T0S	05	TE0TOR	01	1	TQ2	B3		08B		
04349		XA522	18		XA523	14		16B	9			UE0T1S	02	UE0T4A	01	1	TQ2	B2		10A		D01
04342		XA522	19									TE0T1A	02	TE0TOR	01	2	TQ2	B3		09B		
05731		XA522	20		XA521	26		16B	9			TSCL3B	14	UE0T4A	01	2	TQ2	B2		11A		D01
04333		XA522	21		XA523	17		16B	9			TE0TOR	02	TE0TOR	00	1	TQ2	B3		10B		
04369		XA522	22									UE0T3A	02	UE0T3A	00	1	TQ2	B1		12A		D01
04364		XA522	23									UE0T2S	03	UE0T2R	01	1	TQ2	B4		11B		D01
04363		XA522	24		XA522	23		16B	9			UE0T2S	02	UE0T3A	01	1	TQ2	B1		13A		D01
04338		XA522	25		XA522	17		16B	9			TE0T0S	04	UE0T2R	01	2	TQ2	B4		12B		D01
05666		XA522	26		XA518	37		16B	9			TSCL1B	13	UE0T3A	01	2	TQ2	B1		14A		D01
04359		XA522	27		XA523	23		16B	9			UE0T2R	01	UE0T2R	00	1	TQ2	B4		13B		D01
00198		XA522	28									+5V	01				TQ2					
03515		XA522	29		XA410	31		16B	9			TBOT0R	03	TBOT0S	01	1	TQ2	C3		14B		
03503		XA522	30									TBUSYO	02	TBUSYO	00	1	TQ2	C2		15A		
03511		XA522	31		XA523	38		16B	9			TBOT0A	01	TBOT0S	01	2	TQ2	C3		15B		
00988		XA522	32									GND	01				TQ2			20B		
03521		XA522	33		XA505	05		16B	9			TBOT0S	05	TBOT0S	00	1	TQ2	C3		16B	BEGIN OF TAPE (BOT)	
03494		XA522	34									TBUSYR	05	TBUSYO	01	1	TQ2	C2		16A		
03544		XA522	35									TBOT2R	03	TBOT2S	01	1	TQ2	C4		17B		
03769		XA522	36		XA503	43		16B	9			TCS00R	03	TBUSYO	01	2	TQ2	C2		17A		
03558		XA522	37		XA523	52		16B	9			TBOT4A	01	TBOT2S	01	2	TQ2	C4		18B		
04331		XA522	38									TE0T0A	02	TE0T0A	00	1	TQ2	C1		18A		
03545		XA522	39		XA523	35		16B	9			TBOT2S	01	TBOT2S	00	1	TQ2	C4		19B	BOT COUNTER BIT 2	
04327		XA522	40		XA424	57		16B	9			TE0T10X	005	TE0T0A	01	1	TQ2	C1		19A		D01
04326		XA522	41		XA522	40		16B	9			TE0T10X	003	TE0TCA	01	1	TQ2	D3		22B		D01
05726		XA522	42		XA523	42		16B	9			TSCL3B	09	TE0T0A	01	2	TQ2	C1		20A		
01800		XA522	43		XA521	40		16B	9			SPIO22	31	TE0TCA	01	2	TQ2	D3		23B		
00989		XA522	44									GND	01				TQ2			21B		
04323		XA522	45		XA525	14		16B	9			TE0TCA	01	TE0TCA	00	1	TQ2	D3		24B		
04661		XA522	46		XA519	56		16B	9			TLPT1A	01	TLPT1A	00	1	TQ2	D2		21A		
06528		XA522	47		XA517	57		16B	9			TWRGOS	01	TWRGRA	01	1	TQ2	D4		25B		
04672		XA522	48		XA414	74		16B	9			TLPT1Q	01	TLPT1A	01	1	TQ2	D2		22A		
06541		XA522	49									TWRG1R	04	TWRGRA	01	2	TQ2	D4		26B		
07071		XA522	50									TXCP3Q	07	TLPT1A	01	2	TQ2	D2		23A		
06523		XA522	51									TWRGRA	03	TWRGRA	00	1	TQ2	D4		27B		
03533		XA522	52		XA509	53		16B	9			TBOT1S	03	TBOT1S	00	1	TQ2	D1		24A	BOT COUNTER BIT 1	
06185		XA522	53		XA522	03		16B	9			TTS3BS	02	TRW32A	01	1	TQ2	E3		28B		
03528		XA522	54		XA524	50		16B	9			TBOT1R	01	TBOT1S	01	1	TQ2	D1		25A		
03790		XA522	55		XA522	61		16B	9			TCS020	01	TRW32A	01	2	TQ2	E3		29B		
03538		XA522	56		XA524	36		16B	9			TBOT2A	01	TBOT1S	01	2	TQ2	D1		26A		
05475		XA522	57									TRW32A	02	TRW32A	00	1	TQ2	E3		30B		
00990		XA522	58									GND	01				TQ2			27A		
CONNECTOR		XA522	CONTINUED ON THE NEXT PAGE ****																			

RECORD NUMBER	FROM				TO				WIRE				SFC INST	SIGNAL	SEQ NO	EQUATION	TERM	FACTOR	CHK OR CHIP TYPE	GROUP	LOAD OR POWER PLANE	TEST POINTS AND/OR	SIGNAL DESCRIPTION	ECO NO	
	PREFIX	CONNECTOR	PIN	DRUG	PREFIX	CONNECTOR	PIN	DRUG	MULTI GROUP	CODE	COLOR	IDENT													
06213		XA522	59			XA522	11							TTS4BS	02	TRW42A	01	1	TQ2	E4		31B			
05465		XA522	60											TRW22A	02	TRW22A	00	1	TQ2	E2		28A			
03791		XA522	61			XA522	64							TCSD020	02	TRW42A	01	2	TQ2	E4		32B			
06157		XA522	62			XA522	04							TTS2BS	02	TRW22A	01	1	TQ2	E2		29A			
05485		XA522	63											TRW42A	02	TRW42A	00	1	TQ2	E4		33B			
03792		XA522	64			XA522	70							TCSD020	03	TRW22A	01	2	TQ2	E2		30A			
08052		XA522	65											TADSW2X	03	TRDY1A	01	1	TQ2	F3		34B		D01	
05449		XA522	66											TRW12A	02	TRW12A	00	1	TQ2	F1		31A			
00991		XA522	67											GND	01				TQ2			40A			
06133		XA522	68			XA522	08							TTS1BS	02	TRW12A	01	1	TQ2	F1		32A			
08055		XA522	69											TRDY1A	02	TRDY1A	00	1	TQ2	F3		35A		D01	
03793		XA522	70			XA523	75							TCSD020	04	TRW12A	01	2	TQ2	F1		33A			
08045		XA522	71											T082M0	02	T082M0	01	1	TQ2	F2		36A		E06	
08047		XA522	72											T082M0	02	T082M0	00	1	TQ2	F2		34A		E06	
01791		XA522	73			XA521	70							SPI022	22	T082M0	01	2	TQ2	F2		36B		E06	
01787		XA522	74			XA546	69							TRDY10X	021	TRDY1A	01	2	TQ2	F3		35B		D01	
08075		XA522	75											T198U0	02	T198U0	00	1	TQ2	F1		37B		D01	
08065		XA522	76											SPI031	10	U078U0	01	1	TQ2	F4		37A		E03	
08073		XA522	77											T198U0	02	T198U0	01	1	TQ2	F1		38B		D01	
01788		XA522	78			XA523	79							SPI022	19	U078U0	01	2	TQ2	F4		38A		D01	
01790		XA522	79			XA522	73							SPI022	21	T198U0	01	2	TQ2	F1		39B		D01	
08067		XA522	80										M	U078U0	02	U078U0	00	1	TQ2	F4		39A		D01	
03772		XA523	01											TCSD0S	02	TCSD0S	00	1	TQ2	A2		02B	INPUT DELAY BUSY F		
00992		XA523	02											GND	01				TQ2			01A			
04679		XA523	03											TLPT4R	02	TLPT4S	01	1	TQ2	A3		02A			
03767		XA523	04			XA524	07							TCSD0R	01	TCSD0S	01	1	TQ2	A2		04A			
06014		XA523	05			XA417	75							TSYN1A	02	TCSD0S	01	2	TQ2	A2		03B			
03755		XA523	06			XA417	66							TCSDRA	01	TCSDRA	00	1	TQ2	A1		05A		A03	
04693		XA523	07			XA432	27							TLPT5A	11	TLPT4S	01	2	TQ2	A3		03A			
03759		XA523	08											TCSDR0	02	TCSDRA	01	1	TQ2	A1		06A			
04681		XA523	09			XA524	09							TLPT4S	02	TLPT4S	00	1	TQ2	A3		04B	LOOP TEST COUNT BI		
01773		XA523	10			XA526	08							SPIQ22	04	TCSDRA	01	2	TQ2	A1		07A			
05444		XA523	11			XA545	69							TREW10X	021	TRWOCA	01	1	TQ2	A4		05B		D01	
00199		XA523	12											+5V	01				TQ2						
01772		XA523	13			XA523	10							SPI022	03	TRWOCA	01	2	TQ2	A4		06B			
04350		XA523	14			XA524	14							UEOT1S	03	UEOT1S	00	1	TQ2	B2		09A	EOT COUNTER BIT 1	D01	
05440		XA523	15			XA410	18							TRWOCA	02	TRWOCA	00	1	TQ2	A4		07B			
00993		XA523	16											GND	01				TQ2			01B			
04334		XA523	17											TEOT0R	03	TEOT0S	01	1	TQ2	B3		08B			
04345		XA523	18			XA524	19							UEOT1R	01	UEOT1S	01	1	TQ2	B2		10A		D01	
04330		XA523	19			XA522	38							TEOT0A	01	TEOT0S	01	2	TQ2	B3		09B			
04356		XA523	20											UEOT1A	02	UEOT1S	01	2	TQ2	B2		11A		D01	
04337		XA523	21			XA522	25							TEOT0S	03	TEOT0S	00	1	TQ2	B3		10B	END OF TAPE (EOT)		
04658		XA523	22											TLPTBS	02	TLPTBS	00	1	TQ2	B1		12A	LOOP TEST BUSY F/F		
04360		XA523	23			XA524	23							UEOT2R	02	UEOT2S	01	1	TQ2	B4		11B		D01	
04655		XA523	24			XA524	20							TLPTBR	02	TLPTBS	01	1	TQ2	B1		13A			
04376		XA523	25											UEOT4A	02	UEOT2S	01	2	TQ2	B4		12B		D01	
08002		XA523	26			XA520	43							TX0D3A	04	TLPTBS	01	2	TQ2	B1		14A			
CONNECTOR		XA523	CONTINUED ON THE NEXT PAGE ****																						

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	PLATE	PREFIX	CONNECTOR	PIN	PLATE	MULTI GROUP	CODE	COLOR	IDENT.											
04362		XA523	27			XA522	24			168	9		UE0T2S +5V	01	UE0T2S	00	1	TQ2	B4		13B	EDT COUNTER BIT 2	001
00200		XA523	28											01				TQ2					
03520		XA523	29			XA522	33			168	9		TBOTOS	04	TBOTOR	01	1	TQ2	C3		14B		
03489		XA523	30										TBUSYA	03	TBUSYA	00	1	TQ2	C2		15A		
03525		XA523	31										TBOT1A	02	TBOTOR	01	2	TQ2	C3		15B		
00994		XA523	32										GND	01				TQ2			20B		
03514		XA523	33			XA522	29			168	9		TBOTOR	02	TBOTOR	00	1	TQ2	C3		16B		
03502		XA523	34			XA522	30			168	9		TBUSYO	01	TBUSYA	01	1	TQ2	C2		16A		
03546		XA523	35			XA523	48			168	9		TBOT2S	02	TBOT2R	01	1	TQ2	C4		17B		
01804		XA523	36			XA525	62			168	9		SPIO22	35	TBUSYA	01	2	TQ2	C2		17A		C03
03519		XA523	37			XA523	29			168	9		TBOTOS	03	TBOT2R	01	2	TQ2	C4		18B		
03512		XA523	38										TBOTOA	02	TBOTOA	00	1	TQ2	C1		18A		
03543		XA523	39			XA522	35			168	9		TBOT2R	02	TBOT2R	00	1	TQ2	C4		19B		
03507		XA523	40			XA424	51			168	9		TBOT10X	03	TBOTOA	01	1	TQ2	C1		19A		001
03506		XA523	41			XA523	40			168	9		TBOT10X	02	TBOTCA	01	1	TQ2	D3		22B		001
05727		XA523	42			XA525	42			168	9		TSCL3B	10	TBOTOA	01	2	TQ2	C1		20A		
01802		XA523	43			XA523	49			168	9		SPIO22	33	TBOTCA	01	2	TQ2	D3		23B		
00995		XA523	44										GND	01				TQ2			21B		
03505		XA523	45										TBOTCA	02	TBOTCA	00	1	TQ2	D3		24B		
03552		XA523	46										TBOT3A	02	TBOT3A	00	1	TQ2	D2		21A	BUFFER REG BIT 8	
05455		XA523	47										TRW140	02	TRW14A	01	1	TQ2	D4		25B		
03547		XA523	48										TBOT2S	03	TBOT3A	01	1	TQ2	D2		22A		
01803		XA523	49			XA523	36			168	9		SPIO22	34	TRW14A	01	2	TQ2	D4		26B		
05660		XA523	50			XA524	48			168	9		TSCL1B	07	TBOT3A	01	2	TQ2	D2		23A		
05453		XA523	51										TRW14A	04	TRW14A	00	1	TQ2	D4		27B		
03559		XA523	52										TBOT4A	02	TBOT4A	00	1	TQ2	D1		24A		
06184		XA523	53			XA522	53			168	9		TTS3BS	01	TRW30A	01	1	TQ2	E3		28B		
03532		XA523	54			XA522	52			168	9		TBOT1S	02	TBOT4A	01	1	TQ2	D1		25A		
05212		XA523	55			XA415	78			168	9		TREW3Q	01	TRW30A	01	2	TQ2	E3		29B		
05723		XA523	56			XA521	56			168	9		TSCL3B	06	TBOT4A	01	2	TQ2	D1		26A		
05473		XA523	57										TRW30A	02	TRW30A	00	1	TQ2	E3		30B		
00996		XA523	58										GND	01				TQ2			27A		
06212		XA523	59			XA522	59			168	9		TTS4BS	01	TRW40A	01	1	TQ2	E4		31B		
05462		XA523	60			XA525	52			168	9		TRW20A	01	TRW20A	00	1	TQ2	E2		28A		
05223		XA523	61			XA416	78			168	9		TREW4Q	01	TRW40A	01	2	TQ2	E4		32B		
06156		XA523	62			XA522	62			168	9		TTS2BS	01	TRW20A	01	1	TQ2	E2		29A		
05483		XA523	63										TRW40A	02	TRW40A	00	1	TQ2	E4		33B		
05195		XA523	64			XA414	78			168	9		TREW2Q	01	TRW20A	01	2	TQ2	E2		30A		
08099		XA523	65										T399UA	02	T399U0	01	1	TQ2	F3		34B		001
05447		XA523	66										TRW10A	02	TRW10A	00	1	TQ2	F1		31A		
00997		XA523	67										GND	01				TQ2			40A		
06132		XA523	68			XA522	68			168	9		TTS1BS	01	TRW10A	01	1	TQ2	F1		32A		
08101		XA523	69										T399U0	02	T399U0	00	1	TQ2	F3		35A		001
05186		XA523	70			XA425	13			168	9		TREW1Q	01	TRW10A	01	2	TQ2	F1		33A		
08103		XA523	71										U3618A	02	U36180	01	1	TQ2	F2		36A		001
08105		XA523	72										U36180	02	U36180	00	1	TQ2	F2		34A		001
01786		XA523	73			XA522	78			168	9		SPIO22	17	U36180	01	2	TQ2	F2		36B		001
01785		XA523	74			XA523	73			168	9		SPIO22	16	T399U0	01	2	TQ2	F3		35B		001
03794		XA523	75										TCS020	05	TCS020	00	1	TQ2	F1		37B		
08089		XA523	76										U1658A	02	U16580	01	1	TQ2	F4		37A		001
CONNECTOR		XA523	CONTINUED ON THE NEXT PAGE ****																				

RECORD NUMBER	FROM				TO				WIRE				SIGNAL	SEQ NO	EQUATION	TERM	FACTOR	CKT OR CHIP TYPE	GROUP	LOAD OR POWER PLANE	TEST POINTS AND/OR	SIGNAL DESCRIPTION	ECO NO	
	PREFIX	CONNECTOR	PIN	DRILL	PREFIX	CONNECTOR	PIN	DRILL	MULTI GROUP	CODE	COLOR	IDENT												SPC INST VISC
03782		XA523	77		XA525	23				168	9		TCSD2A	01	TCSD20	01	1	TQ2	F1		38B			
01784		XA523	78		XA523	74				168	9		SPI022	15	U16580	01	2	TQ2	F4		38A		D01	
01789		XA523	79		XA522	79				168	9		SPI022	20	TCSD20	01	2	TQ2	F1		39B			
08092		XA523	80									M	U16580	03	U16580	00	1	TQ2	F4		39A		D01	
03771		XA524	01		XA523	01				168	9		TCSD05	01	TCSD0R	01	1	TT3	A2		02B			
00998		XA524	02										GND	01				TT3			01B			
05823		XA524	03		XA511	06				168	9		TSNC1A	01	TCSD0R	01	2	TT3	A2		02A			
03758		XA524	04		XA523	08				168	9		TCSD0R	01	TCSD0R	00	1	TT3	A1		04A	INPUT DELAY COUNT		
07443		XA524	05		XA425	80				168	9		TXRS2B	08	TCSD0R	01	3	TT3	A2		03B			
03763		XA524	06										TCSD0P	02	TCSD0R	01	1	TT3	A1		05A			
03768		XA524	07		XA522	36				168	9		TCSD0R	02	TCSD0R	00	1	TT3	A2		03A			
06106		XA524	08										ITSC00	02	TCSD0R	01	2	TT3	A1		06A			
04682		XA524	09										TLPT4S	03	TLPT4R	01	1	TT3	A3		04B			
05439		XA524	10		XA523	15				168	9		TRWCA	01	TCSD0R	01	3	TT3	A1		07A			
07887		XA524	11		XA429	72				168	9		TXDDP	02	TLPT4R	01	2	TT3	A3		05B			
00201		XA524	12										+5V	01				TT3						
07442		XA524	13		XA524	05				168	9		TXRS2B	07	TLPT4R	01	3	TT3	A3		06B			
04351		XA524	14										UE0T1S	04	UE0T1R	01	1	TT3	B2		09A		D01	
04678		XA524	15		XA523	03				168	9		TLPT4R	01	TLPT4R	00	1	TT3	A3		07B			
00999		XA524	16										GND	01				TT3			21B			
04368		XA524	17		XA522	22				168	9		UE0T3A	01	UE0T1R	01	2	TT3	B2		08B		D01	
04335		XA524	18		XA524	21				168	9		TE0T0S	01	UE0T1R	01	3	TT3	B2		10A		D01	
04346		XA524	19		XA525	19				168	9		UE0T1R	02	UE0T1R	00	1	TT3	B2		09B		D01	
04656		XA524	20										TLPTBR	03	TLPTBR	00	1	TT3	B1		11A			
04336		XA524	21		XA523	21				168	9		TE0T0S	02	UE0T2A	01	1	TT3	B3		10B		D01	
04657		XA524	22		XA523	22				168	9		TLPTBS	01	TLPTBR	01	1	TT3	B1		12A			
04361		XA524	23										UE0T2R	03	UE0T2A	01	2	TT3	B3		11B		D01	
07886		XA524	24		XA524	11				168	9		TXDDP	01	TLPTBR	01	2	TT3	B1		13A			
05665		XA524	25		XA522	26				168	9		TSCL1B	12	UE0T2A	01	3	TT3	B3		12B		D01	
07441		XA524	26		XA524	13				168	9		TXRS2B	06	TLPTBR	01	3	TT3	B1		14A			
04355		XA524	27		XA523	20				168	9		UE0T2A	01	UE0T2A	00	1	TT3	B3		13B		D01	
00202		XA524	28										+5V	01				TT3						
06392		XA524	29		XA515	05				168	9		TWENCA	01	TWEN1A	01	1	TT3	C2		14B			
05836		XA524	30										TSNC1S	08	TWEN1A	01	2	TT3	C2		15A			
06410		XA524	31		XA507	04				168	9		TWEN1A	01	TWEN1A	00	1	TT3	C2		15B			
01000		XA524	32										GND	01				TT3			27A			
06399		XA524	33		XA516	75				168	9		TWENCA	05	TWEN2A	01	1	TT3	C3		16B		D01	
05663		XA524	34		XA525	26				168	9		TSCL1B	10	TWEN1A	01	3	TT3	C2		16A			
04388		XA524	35		XA515	24				168	9		TFPR10X	04	TWEN2A	01	2	TT3	C3		17B		D01	
03539		XA524	36										TROT2A	02	TROT2A	00	1	TT3	C1		17A			
05835		XA524	37		XA524	30				168	9		TSNC1S	07	TWEN2A	01	3	TT3	C3		18B			
03518		XA524	38		XA523	37				168	9		TROT0S	02	TROT2A	01	1	TT3	C1		18A			
06413		XA524	39										TWEN2A	02	TWEN2A	00	1	TT3	C3		19B			
03542		XA524	40		XA523	39				168	9		TROT2R	01	TROT2A	01	2	TT3	C1		19A			
04450		XA524	41		XA515	31				168	9		TWRG1S	00	TWRG8A	01	1	TT3	O2		22B		C01	
05662		XA524	42		XA524	34				168	9		TSCL1B	09	TROT2A	01	3	TT3	C1		20A			
06565		XA524	43		XA410	74				168	9		TWRG8A	01	TWRG8A	00	1	TT3	O2		23B			
01001		XA524	44										GND	01				TT3			40A			
CONNECTOR		XA524	CONTINUED ON THE NEXT PAGE ****																					

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									WIRE	WIRE		
06581		XA524	45		XA527	37				168	9		TWRITP	03	TWRG00	01	1	TT3	D3		24B			
08070		XA524	46		XA508	76				168	9		TREG00	01	TWRG8A	01	2	TT3	D2		21A		808	
06571		XA524	47		XA516	79				168	9		TWRIEP	03	TWRG00	01	2	TT3	D3		25B			
05661		XA524	48		XA524	42				168	9		TSCL1B	08	TWRG8A	01	3	TT3	D2		22A			
04447		XA524	49		XA508	10				168	9		THISPP	03	TWRG00	01	3	TT3	D3		26B			
03529		XA524	50		XA525	40				168	9		TBOT1R	02	TBOT1R	00	1	TT3	D1		23A			
06534		XA524	51										TWRG00	02	TWRG00	00	1	TT3	D3		27B			
03531		XA524	52		XA523	54				168	9		TBOT1S	01	TBOT1R	01	1	TT3	D1		24A			
05997		XA524	53										TO30M0	03	THSPRA	01	1	TT3	E2		28B		E03	
03551		XA524	54		XA523	46				168	9		TBOT3A	01	TBOT1R	01	2	TT3	D1		25A			
06012		XA524	55		XA525	70				168	9		THSPRA	01	THSPRA	00	1	TT3	E2		29B		E03	
03517		XA524	56		XA524	38				168	9		TROTOS	01	TBOT1R	01	3	TT3	D1		26A			
04630		XA524	57		XA525	57				168	9		TLCC1S	04	TLCC1R	01	1	TT3	E3		30B			
01002		XA524	58										GND	01				TT3			40B			
04621		XA524	59		XA518	40				168	9		TLCC1A	01	TLCC1R	01	2	TT3	E3		31B			
06003		XA524	60										THSPRQ	02	THSPRA	01	2	TT3	E2		28A		E03	
07440		XA524	61		XA524	26				168	9		TXRS2B	05	TLCC1R	01	3	TT3	E3		32B			
04439		XA524	62		XA431	72				168	9		TSCL1B	01	THSPRA	01	3	TT3	E2		29A		E03	
04625		XA524	63		XA518	78				168	9		TLCC1R	02	TLCC1R	00	1	TT3	E3		33B			
04779		XA524	64		XA517	68				168	9		TMR500	01	TMR500	00	1	TT3	E1		30A			
05159		XA524	65		XA525	06				168	9		TREQ2Q	03	TREQ5A	01	1	TT3	F2		34B		D01	
05080		XA524	66		XA517	73				168	9		TRENOA	01	TMR500	01	1	TT3	E1		31A			
01003		XA524	67										GND	01				TT3						
08005		XA524	68										TX0D3A	07	TMR500	01	2	TT3	E1		32A			
04488		XA524	69										TKA01P	04	TTRSCA	01	1	TT3	F3		35A			
07439		XA524	70										TXRS1B	36	TMR500	01	3	TT3	E1		33A			
05167		XA524	71		XA527	79				168	9		SPI024	00	TREQ5A	01	2	TT3	F2		36A		D01	
05722		XA524	72		XA527	78				168	9		SPI025	00	TREQ5A	01	3	TT3	F2		34A		D01	
06806		XA524	73		XA512	74				168	9		UW5BCA	01	UW5BCA	00	1	TT3	F1		36B		D01	
05156		XA524	74										TREQ5A	02	TREQ5A	00	1	TT3	F2		35B		D01	
06586		XA524	75		XA521	43				168	9		TWRITQ	01	UW5BCA	01	1	TT3	F1		37B		D01	
04513		XA524	76		XA526	61				168	9		TKA02Q	08	TTRSCA	01	2	TT3	F3		37A		A03	
04641		XA524	77										TLCC2S	04	UW5BCA	01	2	TT3	F1		38B		D01	
05721		XA524	78		XA525	13				168	9		TSCL3B	04	TTRSCA	01	3	TT3	F3		38A		D01	
08091		XA524	79										TXGN2A	04	UW5BCA	01	3	TT3	F1		39B		D01	
06089		XA524	80		XA518	21				168	9		TTRSCA	01	TTRSCA	00	1	TT3	F3		39A			
03774		XA525	01										TCSD00	02	TCSD0A	01	1	TD4	A2		02B			
01004		XA525	02										GND	01				TD4			01A			
00494		XA525	03										DNW	01				TD4						
03776		XA525	04		XA525	24				168	9		TCSD1P	02	TCSD0A	01	2	TD4	A2		04A			
03788		XA525	05		XA415	55				168	9		TCSD2Q	02	TCSD0A	01	3	TD4	A2		03B			
05443		XA525	06										TREQ2Q	04	TREQ3A	01	1	TD4	A1		05A			
05656		XA525	07		XA526	70				168	9		TSCL1B	03	TCSD0A	01	4	TD4	A2		03A		D01	
05461		XA525	08										TREQ3P	02	TREQ3A	01	2	TD4	A1		06A		D01	
03761		XA525	09										TCSD0A	02	TCSD0A	00	1	TD4	A2		04B		D01	
05470		XA525	10		XA526	78				168	9		TREQ4Q	01	TREQ3A	01	3	TD4	A1		07A		D01	
05445		XA525	11		XA425	72				168	9		TREQ3A	03	TREQ3A	00	1	TD4	A1		05B		D01	
00203		XA525	12										+5V	01				TD4						
CONNECTOR XA525 CONTINUED ON THE NEXT PAGE ****																								

RECORD NUMBER	FROM			TO			WIRE				SIGNAL	SEQ NO	EQUATION	TERM	FACTOR	CKT OR CHIP TYPE	PROP	LOAD OR POWER PLANE	TEST POINTS AND/OR	SIGNAL DESCRIPTION	ECO NO
	PREFIX	CONNECTOR	PIN	PREFIX	CONNECTOR	PIN	DIPO	MULTI GROUP	CODE	COLOR											
05481		XA525	13		XA523	56			16B	9		TSCL3B	05	TRE03A	01	4	TD4	A1	06B		D01
04324		XA525	14									TEOTCA	02	TEOT1A	01	1	TD4	B2	09A		
00495		XA525	15									DNW	01				TD4				
01005		XA525	16									GND	01				TD4		20B		
00496		XA525	17									DNW	01				TD4				
05911		XA525	18		XA525	38			16B	9		TSTPOR	02	TEOT1A	01	2	TD4	B2	10A		
04347		XA525	19									UEOT1R	03	TEOT1A	01	3	TD4	B2	09B		D01
05730		XA525	20		XA522	20			16B	9		TSCL3B	13	TEOT1A	01	4	TD4	B2	11A		
04341		XA525	21		XA522	19			16B	9		TEOT1A	01	TEOT1A	00	1	TD4	B2	10B		
05175		XA525	22		XA527	31			16B	9		TREWDP	05	TCSD2A	01	1	TD4	B1	12A		
03783		XA525	23									TCSD2A	02	TCSD2A	00	1	TD4	B1	11B		
03777		XA525	24									TCSD1P	03	TCSD2A	01	2	TD4	B1	13A		
03787		XA525	25		XA525	05			16B	9		TCSD2Q	01	TCSD2A	01	3	TD4	B1	12B		
05664		XA525	26		XA524	25			16B	9		TSCL1B	11	TCSD2A	01	4	TD4	B1	14A		
00497		XA525	27									DNW	01				TD4				
00204		XA525	28									+5V	01				TD4				
00498		XA525	29									DNW	01				TD4				
05843		XA525	30		XA525	77			16B	9		TSNC2R	04	TSTROA	01	1	TD4	C2	15A		D01
03500		XA525	31		XA433	77			16B	9		TBUSYS	06	TSTROA	01	2	TD4	C2	15B		
01006		XA525	32									GND	01				TD4		21B		
05961		XA525	33									TSTROA	02	TSTROA	00	1	TD4	C2	16B		
05956		XA525	34		XA409	31			16B	9		TSTRCO	01	TSTROA	01	3	TD4	C2	16A		
03524		XA525	35		XA523	31			16B	9		TBOT1A	01	TBOT1A	00	1	TD4	C1	17B		
05729		XA525	36		XA525	20			16B	9		TSCL3B	12	TSTROA	01	4	TD4	C2	17A		
03504		XA525	37		XA523	45			16B	9		TBOTCA	01	TBOT1A	01	1	TD4	C1	18B		
05912		XA525	38		XA510	36			16B	9		TSTPOR	03	TBOT1A	01	2	TD4	C1	18A		
00499		XA525	39									DNW	01				TD4				
03530		XA525	40									TBOT1R	03	TBOT1A	01	3	TD4	C1	19A		
00500		XA525	41									DNW	01				TD4				
05728		XA525	42		XA525	36			16B	9		TSCL3B	11	TBOT1A	01	4	TD4	C1	20A		
03991		XA525	43									TC40BQ	04	T066MA	01	1	TD4	D2	23B		E03
01007		XA525	44									GND	01				TD4		27A		
08053		XA525	45									T066MA	02	T066MA	00	1	TD4	D2	24B	WRITE COUNT 37US	E06
04001		XA525	46		XA515	48			16B	9		TC41BP	02	T066MA	01	2	TD4	D2	21A		E06
05454		XA525	47		XA523	47			16B	9		TRW140	01	TRW140	00	1	TD4	D1	25B		
03948		XA525	48		XA418	30			16B	9		TC308Q	00	T066MA	01	3	TD4	D2	22A		E03
05446		XA525	49		XA523	66			16B	9		TRW10A	01	TRW140	01	1	TD4	D1	26B		
03949		XA525	50		XA525	72			16B	9		TC31BP	03	T066MA	01	4	TD4	D2	23A		E03
00501		XA525	51									DNW	01				TD4				
05463		XA525	52									TRW20A	02	TRW140	01	2	TD4	D1	24A		
00502		XA525	53									DNW	01				TD4				
05472		XA525	54		XA523	57			16B	9		TRW30A	01	TRW140	01	3	TD4	D1	25A		
04624		XA525	55		XA524	63			16B	9		TLCC1R	01	TLCC1S	01	1	TD4	E2	29B		
05482		XA525	56		XA523	63			16B	9		TRW40A	01	TRW140	01	4	TD4	D1	26A		
04631		XA525	57									TLCC1S	05	TLCC1S	00	1	TD4	E2	30B	WRITE LRC CHAR COU	
01008		XA525	58									GND	01				TD4		40A		
08064		XA525	59									TSTR90	05	TSTR90	00	1	TD4	E1	31B	WRITE COUNT 78US	E03
04632		XA525	60		XA515	69			16B	9		TLCC2A	01	TLCC1S	01	2	TD4	F2	28A		
03984		XA525	61		XA409	40			16B	9		TSTR4A	01	TSTR90	01	1	TD4	E1	32B		E03
06516		XA525	62									SPIO22	36	TLCC1S	01	3	TD4	F2	29A		C03
CONNECTOR XA525 CONTINUED ON THE NEXT PAGE ****																					

RECORD NUMBER	FROM				TO				WIRE				SIGNAL	SEQ 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	IDEN.											
00503		XA525	63										DNW	01									
07126		XA525	64		XA520	64			168	9			SPI021	005	TLCC1S	01	4	TD4	E2		30A		C03
00504		XA525	65										DNW	01									
03992		XA525	66										TSTR6A	04	TSTR90	01	2	TD4	E1		31A		F03
01009		XA525	67										GND	01							40B		
03953		XA525	68		XA407	74			168	9			TFST4A	01	TSTR90	01	3	TD4	E1		32A		F03
08044		XA525	69		XA522	71			168	9			T082MA	01	T082MA	00	1	TD4	F2		35A	MAIN COUNT 15MS	E06
03957		XA525	70		XA514	60			168	9			THSPRA	02	TSTR90	01	4	TD4	E1		33A		E03
03878		XA525	71		XA416	40			168	9			TC428Q	005	T082MA	01	1	TD4	F2		36A		E06
03884		XA525	72										TC31BP	04	T082MA	01	2	TD4	F2		34A		E06
03858		XA525	73		XA416	35			168	9			TC43BP	01	T082MA	01	3	TD4	F2		36B		E06
03875		XA525	74										SPI014	05	T082MA	01	4	TD4	F2		35B		E06
08400		XA525	75		XA512	06			168	9			TWEN0S	00	TWLRCO	01	1	TD4	F1		37B		D01
06484		XA525	76		XA543	35			168	9			TWLRCO	01	TWLRCO	00	1	TD4	F1		37A		D01
04642		XA525	77										TSNC2R	05	TWLRCO	01	2	TD4	F1		38B		D01
08090		XA525	78		XA511	53			168	9			TLCC3R	00	TWLRCO	01	3	TD4	F1		38A		D01
08054		XA525	79		XA520	26			168	9			SPI013	111	TWLRCO	01	4	TD4	F1		39B		E03
00505		XA525	80										DNW	01									
01451		XA526	01		XA427	80			168	9			SPI008	26	TS23BN	01	1	TDD	BN		02B		
01010		XA526	02										GND	01							TDD	01B	
06026		XA526	03										TS23SA	02	TS2380	01	1	TDD	BO		02A		
05898		XA526	04		XA406	33			168	9			TSRS0A	04	TS238P	01	1	TDD	BP		04A		
01282		XA526	05		XA526	18			168	9			SPI003	17	TS23BI	01	1	TDD	BI		03B		
05897		XA526	06		XA526	04			168	9			TSRS0A	03	TS148P	01	1	TDD	AP		05A		
06024		XA526	07										TS238Q	02	TS238Q	00	1	TDD	BO		03A	COMPUTER DATA PART	
01774		XA526	08		XA527	13			168	9			SPI022	05	TS148I	01	1	TDD	AI		06A		
06021		XA526	09		XA409	21			168	9			TS238P	01	TS238P	00	1	TDD	BP		04B		
01697		XA526	10		XA527	10			168	9			SPI019	31	TS148N	01	1	TDD	AN		07A		
08330		XA526	11								M		TS148P	01	TS148P	00	1	TDD	AP		05B		
00205		XA526	12										+5V	01							TDD		
06018		XA526	13										TS1480	02	TS1480	00	1	TDD	AQ		06B	TAPE MARK DETECTED	
01450		XA526	14		XA526	01			168	9			SPI008	25	TS318N	01	1	TDD	DN		09A		
04864		XA526	15		XA508	45			168	9			TNSGIA	01	TS148Q	01	1	TDD	AQ		07B		
01011		XA526	16										GND	01							TDD	20B	
05340		XA526	17		XA511	65			168	9			TRTDPA	01	TS3180	01	1	TDD	DQ		08B		D01
01283		XA526	18		XA526	34			168	9			SPI003	18	TS318I	01	1	TDD	DI		10A		
06054		XA526	19										TS3180	02	TS318Q	00	1	TDD	DQ		09B	LATERAL PARITY ERR	
05896		XA526	20		XA526	06			168	9			TSRS0A	02	TS318P	01	1	TDD	DP		11A		
06052		XA526	21										TS318P	02	TS318P	00	1	TDD	DP		10B		
05895		XA526	22		XA526	20			168	9			TSRS0A	01	TS308P	01	1	TDD	CP		12A		
06046		XA526	23										TS308P	02	TS308P	00	1	TDD	CP		11B		
01777		XA526	24		XA526	40			168	9			SPI022	08	TS308I	01	1	TDD	CI		13A		
06048		XA526	25										TS308Q	02	TS308Q	00	1	TDD	CQ		12B	LONGITUDINAL PARITY	
01696		XA526	26		XA526	10			168	9			SPI019	30	TS308N	01	1	TDD	CN		14A		
04868		XA526	27										TNSGJA	03	TS308Q	01	1	TDD	CQ		13B		
00206		XA526	28										+5V	01							TDD		
06042		XA526	29										TS29SA	02	TS29CQ	01	1	TDD	FQ		14B		
01449		XA526	30		XA526	14			168	9			SPI008	24	TS29CN	01	1	TDD	FN		15A		
CONNECTOR		XA526	CONTINUED ON THE NEXT PAGE ***																				

RECORD NUMBER	FROM				TO				WIRE				SPL. INST. MISC.	SIGNAL	SEQ NO	EQUATION	TERM	FACTOR	CNT OR CHIP TYPE	GROUP	LOAD OP. POWER PLANE	TEST POINTS AND/OR	SIGNAL DESCRIPTION	ECC NO
	PREFIX	CONNECTOR	PIN	WIRE	PREFIX	CONNECTOR	PIN	WIRE	MULTI GROUP	CODE	COLOR	IDENT												
06040		XA526	31										TS29CQ	02	TS29CQ	00	1	TDD	FO		15B	TIMING ERROR		
01012		XA526	32										GND	01				TDD			21B			
06038		XA526	33										TS29CP	06	TS29CP	00	1	TDD	FP		16B			
01284		XA526	34		XA526	48				16B	9		SPI003	19	TS29CT	01	1	TDD	EI		16A			
08331		XA526	35									M	TS26CP	01	TS26CP	00	1	TDD	EP		17B			
05906		XA526	36		XA407	33				16B	9		TSRS1A	04	TS29CP	01	1	TDD	FP		17A			
06030		XA526	37										TS26CQ	02	TS26CQ	00	1	TDD	EQ		18B	FILE PROTECT ERROR		
05905		XA526	38		XA526	36				16B	9		TSRS1A	03	TS26CP	01	1	TDD	EP		18A			
04383		XA526	39										TFPE1A	02	TS26CQ	01	1	TDD	EQ		19B			
01778		XA526	40		XA526	54				16B	9		SPI022	09	TS26CT	01	1	TDD	EI		19A			
05436		XA526	41		XA503	77				16B	9		TRWS4A	01	TS31CQ	01	1	TDD	HQ		22B			
01695		XA526	42		XA526	26				16B	9		SPI019	29	TS26CN	01	1	TDD	EN		20A			
06056		XA526	43										TS31CQ	02	TS31CQ	00	1	TDD	HQ		23B	MOTOR ERROR		
01013		XA526	44										GND	01				TDD			27A			
08333		XA526	45									M	TS31CP	01	TS31CP	00	1	TDD	HP		24B			
01448		XA526	46		XA526	30				16B	9		SPI008	23	TS31CN	01	1	TDD	HN		21A			
08332		XA526	47									M	TS30CP	01	TS30CP	00	1	TDD	GP		25B			
01285		XA526	48		XA521	38				16B	9		SPI003	20	TS31CT	01	1	TDD	HI		22A			
06050		XA526	49										TS30CQ	02	TS30CQ	00	1	TDD	GO		26B	NO DATA ERROR		
05904		XA526	50		XA526	38				16B	9		TSRS1A	02	TS31CP	01	1	TDD	HP		23A			
04843		XA526	51										TNDASA	03	TS30CQ	01	1	TDD	GO		27B			
05903		XA526	52		XA526	50				16B	9		TSRS1A	01	TS30CP	01	1	TDD	GP		24A			
01806		XA526	53		XA533	73				16B	9		SPI023	02	TM04BQ	01	1	TDD	KQ		28B			
01779		XA526	54		XA527	54				16B	9		SPI022	10	TS30CT	01	1	TDD	GI		25A			
04832		XA526	55		XA521	36				16B	9		TM04BQ	01	TM04BQ	00	1	TDD	KQ		29B	BUFFER TIMING COUN		
01694		XA526	56		XA526	42				16B	9		SPI019	28	TS30CN	01	1	TDD	GN		26A			
04831		XA526	57										TM04BP	04	TM04BP	00	1	TDD	KP		30B			
01014		XA526	58										GND	01				TDD			40A			
04805		XA526	59		XA514	54				16B	9		TKA02P	02	TKA02P	00	1	TDD	JP		31B		A03	
05659		XA526	60		XA523	50				16B	9		TSCL1B	06	TM04BN	01	1	TDD	KN		28A			
04814		XA526	61										TKA02Q	09	TKA02Q	00	1	TDD	JQ		32B	BUFFER TIMING COUNA03		
04823		XA526	62		XA526	72				16B	9		TM03BQ	05	TM04BT	01	1	TDD	KT		29A		A03	
01693		XA526	63		XA526	56				16B	9		SPI019	27	TKA02Q	01	1	TDD	JQ		33B		A03	
04827		XA526	64										TM03RA	03	TM04BP	01	1	TDD	KP		30A			
01692		XA526	65		XA526	63				16B	9		SPI019	26	TM02BQ	01	1	TDD	MQ		34B		A03	
01782		XA526	66										TKA00P	03	TKA02P	01	1	TDD	JP		31A		A03	
01015		XA526	67										GND	01				TDD			40B			
04793		XA526	68		XA437	74				16B	9		TKA01Q	08	TKA02T	01	1	TDD	JT		32A		A03	
04501		XA526	69		XA521	50				16B	9		TM02BP	01	TM02BP	00	1	TDD	MP		35A		A03	
04824		XA526	70		XA526	60				16B	9		TSCL1B	05	TKA02N	01	1	TDD	JN		33A		A03	
04496		XA526	71		XA513	37				16B	9		TM00BQ	01	TM02BI	01	1	TDD	MI		36A		A03	
05658		XA526	72										TM03BQ	06	TM02BN	01	1	TDD	NN		34A		A03	
04484		XA526	73		XA526	80				16B	9		SPI022	13	TM02BP	01	1	TDD	MP		36B		A03	
04514		XA526	74										TM02BQ	05	TM02BQ	00	1	TDD	MQ		35B	BYTE TIMING COUNTEA03		
05119		XA526	75		XA425	69				16B	9		TREQCP	01	TREQ4P	01	1	TDD	LP		37B			
05164		XA526	76		XA514	18				16B	9		TREQ4P	01	TREQ4P	00	1	TDD	LP		37A		D01	
05160		XA526	77		XA514	19				16B	9		TREQ3Q	01	TREQ4I	01	1	TDD	LI		38B			
05168		XA526	78										TREQ4Q	02	TREQ4Q	00	1	TDD	LQ		38A	READ REQUEST DELAY		
05657		XA526	79										TREQ2P	03	TREQ4N	01	1	TDD	LN		39B		D01	
01783		XA526	80		XA523	78				16B	9		SPI022	14	TREQ4Q	01	1	TDD	LQ		39A			

RECORD NUMBER	FROM			TO			WIRE				SIGNAL	SEQ 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	SP. FC	MULTI GROUP	CODE	COLOR											
04227	XA527	01										TEB0BP	02	TEBZRA	01	1	TS8	A1		02B	
01016	XA527	02										GND	01				TS8			01A	
00506	XA527	03										DNW	01				TS8				
04245	XA527	04		XA435	45			16B	9			TEB1BP	01	TEBZRA	01	2	TS8	A1		04A	
04260	XA527	05		XA434	59			16B	9			TEB2BP	01	TEBZRA	01	3	TS8	A1		03B	
04275	XA527	06		XA436	45			16B	9			TEB3BP	01	TEBZRA	01	4	TS8	A1		05A	
04291	XA527	07		XA435	59			16B	9			TEB4BP	02	TEBZRA	01	5	TS8	A1		03A	
04308	XA527	08		XA434	57			16B	9			TEB5BP	02	TEBZRA	01	6	TS8	A1		06A	
00507	XA527	09										DNW	01				TS8				
01698	XA527	10		XA442	78			16B	9			SPIO19	32	TEBZRA	01	7	TS8	A1		07A	001
04219	XA527	11										TEBZRA	02	TEBZRA	00	1	TS8	A1		05B	END OF BLOCK COUNT
00207	XA527	12										+5V	01				TS8				
01775	XA527	13		XA527	24			16B	9			SPIO22	06	TEBZRA	01	8	TS8	A1		06B	
07187	XA527	14										TXDEVS	05	TEB0DA	01	1	TS8	B1		09A	004
00508	XA527	15										DNW	01				TS8				
01017	XA527	16										GND	01				TS8			21B	
00509	XA527	17										DNW	01				TS8				
07537	XA527	18		XA429	34			16B	9			TXB20	01	TEB0DA	01	2	TS8	B1		10A	004
07336	XA527	19										TXRAF7T	03	TEB0DA	01	3	TS8	B1		09B	
07322	XA527	20										TXRAF3T	03	TEB0DA	01	4	TS8	B1		11A	
00510	XA527	21										DNW	01				TS8				
07331	XA527	22										TXRAF5T	06	TEB0DA	01	5	TS8	B1		12A	
04232	XA527	23		XA431	52			16B	9			TEB0DA	01	TEB0DA	00	1	TS8	B1		11B	
01776	XA527	24		XA526	24			16B	9			SPIO22	07	TEB0DA	01	6	TS8	B1		13A	
01833	XA527	25		XA434	13			16B	9			TXXA0Q	00	TEB0DA	01	7	TS8	B1		12B	004
01805	XA527	26		XA439	10			16B	9			TXXA3Q	00	TEB0DA	01	8	TS8	B1		14A	004
00511	XA527	27										DNW	01				TS8				
00208	XA527	28										+5V	01				TS8				
00512	XA527	29										DNW	01				TS8				
05179	XA527	30		XA413	76			16B	9			TREWIP	01	TCSD00	01	1	TS8	C1		15A	
05176	XA527	31										TREWDP	06	TCSD00	01	2	TS8	C1		15B	
01018	XA527	32										GND	01				TS8			27A	
00513	XA527	33										DNW	01				TS8				
05854	XA527	34		XA515	04			16B	9			TSPACP	02	TCSD00	01	3	TS8	C1		16A	
03773	XA527	35		XA525	01			16B	9			TCSD00	01	TCSD00	00	1	TS8	C1		17B	
05059	XA527	36										TREADP	05	TCSD00	01	4	TS8	C1		17A	
06582	XA527	37		XA428	48			16B	9			TWRITP	04	TCSD00	01	5	TS8	C1		18B	
06570	XA527	38		XA524	47			16B	9			TWRIEP	02	TCSD00	01	6	TS8	C1		18A	
00514	XA527	39										DNW	01				TS8				
05864	XA527	40		XA425	21			16B	9			TSPAFP	04	TCSD00	01	7	TS8	C1		19A	
00515	XA527	41										DNW	01				TS8				
04446	XA527	42		XA524	49			16B	9			THISPP	02	TCSD00	01	8	TS8	C1		20A	
04018	XA527	43		XA527	55			16B	9			TC90BQ	04	U3618A	01	1	TS8	D1		23B	001
01019	XA527	44										GND	01				TS8			40A	
00516	XA527	45										DNW	01				TS8				
04022	XA527	46		XA527	60			16B	9			TC91BP	03	U3618A	01	2	TS8	D1		21A	001
08102	XA527	47		XA523	71			16B	9			U3618A	01	U3618A	00	1	TS8	D1		25B	WRITE COUNT 16-18 001
03973	XA527	48		XA413	59			16B	9			TC80BP	03	U3618A	01	3	TS8	D1		22A	001
03986	XA527	49		XA415	68			16B	9			TC81BQ	03	U3618A	01	4	TS8	D1		26B	001
03943	XA527	50		XA502	64			16B	9			TC70BQ	05	U3618A	01	5	TS8	D1		23A	001
CONNECTOR		XA527	CONTINUED ON THE NEXT PAGE ****																		

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DATA SYSTEMS DIVISION
LITTON SYSTEMS INC.
LITTON INDUSTRIES

DRAWING NUMBER 149016-880

CONNECTOR UNIT ASSEMBLY NO. 149016

REV. E

INDEX

XA527

UNIT ASSEMBLY NAME CARD CAGE ASSY, A, IFCU

FILE IDENT T39C1FC6

DATE 09-03-82

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RECORD NUMBER	FROM				TO				WIRE				SIGNAL	SEQ NO	EQUATION	TERM	FACTOR	CKT OR CHIP TYPE	GROUP	LOAD OR POWER PLANE	TEST POINTS (AND OR)	SIGNAL DESCRIPTION	ECO NO	
	PREFIX	CONNECTOR	PIN	QTY	PREFIX	CONNECTOR	PIN	QTY	MULTI GROUP	CODE	COLOR	IDENT												SPINSET VISC
00517		XA527	51										DNW	01				TS8						
03959		XA527	52		XA518	34			168	9			TC73BP	04	U3618A	01	6	TS8	D1		24A		D01	
00518		XA527	53										DNW	01				TS8						
01780		XA527	54		XA527	70			168	9			SPI022	11	U3618A	01	7	TS8	D1		25A		D01	
04019		XA527	55										TC90BQ	05	T399UA	01	1	TS8	E1		29B		D01	
01832		XA527	56		XA535	15			168	9			SPI024	03	U3618A	01	8	TS8	D1		26A		D04	
00519		XA527	57										DNW	01				TS8						
01020		XA527	58										GND	01				TS8						
08098		XA527	59		XA523	65			168	9			T399UA	01	T399UA	00	1	TS8	E1		31B	WRITE COUNT 319US	D01	
04023		XA527	60										TC91BP	04	T399UA	01	2	TS8	F1		28A		D01	
03972		XA527	61		XA417	71			168	9			TC83BQ	02	T399UA	01	3	TS8	F1		32B		D01	
03985		XA527	62										TC848P	10	T399UA	01	4	TS8	F1		29A		D01	
00520		XA527	63										DNW	01				TS8						
03964		XA527	64										TC73BQ	03	T399UA	01	5	TS8	F1		30A		D01	
00521		XA527	65										DNW	01				TS8						
03968		XA527	66										TC748P	04	T399UA	01	6	TS8	F1		31A		D01	
01021		XA527	67										GND	01				TS8						
01831		XA527	68		XA527	56			168	9			SPI024	02	T399UA	01	7	TS8	F1		32A		D01	
00522		XA527	69										DNW	01				TS8						
01781		XA527	70		XA526	73			168	9			SPI022	12	T399UA	01	8	TS8	F1		33A		D01	
04014		XA527	71										TC90BP	03	T198UA	01	1	TS8	F1		36A		D01	
04025		XA527	72		XA521	08			168	9			TC91BQ	02	T198UA	01	2	TS8	F1		34A		D01	
03971		XA527	73		XA527	61			168	9			TC83BQ	01	T198UA	01	3	TS8	F1		36B		D01	
04008		XA527	74		XA527	62			168	9			TC848P	09	T198UA	01	4	TS8	F1		35B		D01	
03952		XA527	75		XA416	48			168	9			TC72BQ	01	T198UA	01	5	TS8	F1		37B		F03	
08072		XA527	76		XA522	77			168	9			T198UA	01	T198UA	00	1	TS8	F1		37A	WRITE COUNT 158US	D01	
03958		XA527	77		XA527	52			168	9			TC73BP	03	T198UA	01	6	TS8	F1		38B		D01	
01867		XA527	78		XA537	79			168	9			SPI025	01	T198UA	01	7	TS8	F1		38A		D01	
01830		XA527	79		XA527	68			168	9			SPI024	01	T198UA	01	8	TS8	F1		39B		D01	
00523		XA527	80										DNW	01				TS8						
04028		XA528	01		XA528	10			168	9			TDCP00	01	TD018N	01	1	TDD	BN		02B			
01022		XA528	02										GND	01				TDD			01B			
05498		XA528	03		XA536	01			168	9			TR01CA	01	TD018Q	01	1	TDD	BQ		02A			
04097		XA528	04		XA528	06			168	9			TDRS0A	02	TD018P	01	1	TDD	BP		04A			
07565		XA528	05		XA530	05			168	9			TXR1CS	05	TD018I	01	1	TDD	BI		03B			
04098		XA528	06		XA528	20			168	9			TDRS0A	03	TD008P	01	1	TDD	AP		05A			
04157		XA528	07										TD018Q	02	TD018Q	00	1	TDD	BQ		03A			
07507		XA528	08		XA530	08			168	9			TXR0CS	05	TD008I	01	1	TDD	AT		06A			
08213		XA528	09									M	TD018P	01	TD018P	00	1	TDD	BP		04B			
04029		XA528	10		XA528	14			168	9			TDCP00	02	TD008N	01	1	TDD	AN		07A			
08212		XA528	11									M	TD008P	01	TD008P	00	1	TDD	AP		05B			
00209		XA528	12										+5V	01				TDD						
04155		XA528	13										TD008Q	02	TD008Q	00	1	TDD	AQ		06B	INPUT DATA REG BIT		
04030		XA528	14		XA528	26			168	9			TDCP00	03	TD038N	01	1	TDD	DN		09A			
05493		XA528	15		XA536	06			168	9			TR00CA	01	TD008Q	01	1	TDD	AQ		07B			
01023		XA528	16										GND	01				TDD			20B			
05508		XA528	17		XA536	15			168	9			TR03CA	01	TD038Q	01	1	TDD	DQ		08B			
07600		XA528	18		XA529	48			168	9			TXR3CS	07	TD038I	01	1	TDD	DT		10A			
CONNECTOR		XA528	CONTINUED ON THE NEXT PAGE ***																					

RECORD NUMBER	FROM				TO				WIRE			SIGNAL	SEQ NO	EQUATION	TERM	FACTOR	CKT OR CHIP TYPE	GROUP	LOAD OR POWER PLANE	TEST POINTS AND/OR	SIGNAL DESCRIPTION	ECO NO	
	PREFIX	CONNECTOR	PIN	INTC	PREFIX	CONNECTOR	PIN	INTC	MULTI GROUP	CODE	COLOR												IDEN.
04161		XA528	19										TD03B0	02	TD03B0	00	1	TDD	DQ		09B		
04099		XA528	20			XA528	22			16B	9		TDRSOA	04	TD03BP	01	1	TDD	DP		11A		
08215		XA528	21										TD03BP	01	TD03BP	00	1	TDD	DP		10B		
04100		XA528	22										TDRSOA	05	TD02BP	01	1	TDD	CP		12A		
08214		XA528	23										TD02BP	01	TD02BP	00	1	TDD	CP		11B		
07582		XA528	24			XA530	24			16B	9		TXR2CS	04	TD02BI	01	1	TDD	CI		13A		
04159		XA528	25										TD02BQ	02	TD02BQ	00	1	TDD	CQ		12B		
04031		XA528	26			XA520	38			16B	9		TD02BQ	04	TD02BN	01	1	TDD	CN		14A		
05503		XA528	27			XA536	09			16B	9		TR02CA	01	TD02BQ	01	1	TDD	CQ		13B		
00210		XA528	28										+5V	01									
05518		XA528	29			XA536	14			16B	9		TR05CA	01	TD05BQ	01	1	TDD	FO		14B		
04034		XA528	30			XA528	42			16B	9		TD05BQ	02	TD05BN	01	1	TDD	FN		15A		
04165		XA528	31										TD05BQ	02	TD05BQ	00	1	TDD	FO		15B		
01024		XA528	32										GND	01							21B		
08217		XA528	33										TD05BP	01	TD05BP	00	1	TDD	FP		16B		
07622		XA528	34			XA529	05			16B	9		TXR5CS	03	TD05BI	01	1	TDD	FI		16A		
08216		XA528	35										TD04BP	01	TD04BP	00	1	TDD	EP		17B		
04110		XA528	36			XA528	38			16B	9		TDRS1A	01	TD05BP	01	1	TDD	FP		17A		
04163		XA528	37										TD04BQ	02	TD04BQ	00	1	TDD	EQ		18B		
04111		XA528	38			XA528	50			16B	9		TDRS1A	02	TD04BP	01	1	TDD	EP		18A		
05513		XA528	39			XA536	22			16B	9		TR04CA	01	TD04BQ	01	1	TDD	EO		19B		
07610		XA528	40			XA529	08			16B	9		TXR4CS	03	TD04BI	01	1	TDD	EI		19A		
05528		XA528	41			XA536	27			16B	9		TR07CA	01	TD07BQ	01	1	TDD	HO		22B		
04035		XA528	42			XA528	46			16B	9		TD07BQ	02	TD04BN	01	1	TDD	EN		20A		
04169		XA528	43										TD07BQ	02	TD07BQ	00	1	TDD	HQ		23B		
01025		XA528	44										GND	01							27A	INPUT DATA REG BIT	
08219		XA528	45										TD07BP	01	TD07BP	00	1	TDD	HP		24B		
04036		XA528	46			XA528	56			16B	9		TD07BP	04	TD07BN	01	1	TDD	HN		21A		
08218		XA528	47										TD06BP	01	TD06BP	00	1	TDD	GP		25B		
07645		XA528	48			XA530	48			16B	9		TXR7CS	02	TD07BI	01	1	TDD	HI		22A		
04167		XA528	49										TD06BQ	02	TD06BQ	00	1	TDD	GO		26B		
04112		XA528	50			XA528	52			16B	9		TDRS1A	03	TD07BP	01	1	TDD	HP		23A		
05523		XA528	51			XA536	21			16B	9		TR06CA	01	TD06BQ	01	1	TDD	GO		27B		
04113		XA528	52			XA520	60			16B	9		TDRS1A	04	TD06BP	01	1	TDD	GP		24A		
05538		XA528	53			XA536	30			16B	9		TR09CA	01	TD09BQ	01	1	TDD	KQ		28B		
07639		XA528	54			XA529	77			16B	9		TXR6CS	08	TD06BI	01	1	TDD	GI		25A		
04173		XA528	55										TD09BQ	02	TD09BQ	00	1	TDD	KQ		29B		
04037		XA528	56										TD09BQ	05	TD06BN	01	1	TDD	GN		26A		
08221		XA528	57										TD09BP	01	TD09BP	00	1	TDD	KP		30B		
01026		XA528	58										GND	01							40A		
08220		XA528	59										TD08BP	01	TD08BP	00	1	TDD	JP		31B		
04041		XA528	60			XA520	33			16B	9		TD08BP	04	TD09BN	01	1	TDD	KN		28A		
04171		XA528	61										TD08BQ	02	TD08BQ	00	1	TDD	JO		32B	INPUT DATA REG BIT	
07563		XA528	62			XA529	34			16B	9		TXR1CS	03	TD09BI	01	1	TDD	KI		29A		
05533		XA528	63			XA536	38			16B	9		TR08CA	01	TD08BQ	01	1	TDD	JQ		33B		
04116		XA528	64			XA528	66			16B	9		TDRS2A	02	TD09BP	01	1	TDD	KP		30A		
05548		XA528	65			XA536	39			16B	9		TR11CA	01	TD11BQ	01	1	TDD	MQ		34B		
04117		XA528	66			XA528	73			16B	9		TDRS2A	03	TD08BP	01	1	TDD	JP		31A		
01027		XA528	67										GND	01							40B		
07505		XA528	68			XA529	40			16B	9		TXR0CS	03	TD08BI	01	1	TDD	JT		32A		
CONNECTOR XA528 CONTINUED ON THE NEXT PAGE ****																							

RECORD NUMBER	FROM				TO				WIRE				SIGNAL	SEQ 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											
08223		XA528	69										M	TD118P	01	TD118P	00	1	TDD	MP		35A	
04040		XA528	70		XA528	60			168	9				TDCP20	03	TD08BN	01	1	TDD	JN		33A	
07602		XA528	71		XA518	03			168	9				TXR3CS	09	TD118I	01	1	TDD	MI		36A	
04039		XA528	72		XA528	70			168	9				TOCP20	02	TD118N	01	1	TDD	MN		34A	
04118		XA528	73		XA528	75			168	9				TDRS2A	04	TD118P	01	1	TDD	MP		36B	
04177		XA528	74											TD118Q	02	TD118Q	00	1	TDD	MQ		35B	
04119		XA528	75											TDRS2A	05	TD108P	01	1	TDD	LP		37B	
08222		XA528	76										M	TD108P	01	TD108P	00	1	TDD	LP		37A	
07580		XA528	77		XA529	54			168	9				TXR2CS	02	TD108I	01	1	TDD	LI		38B	
04175		XA528	78											TD108Q	02	TD108Q	00	1	TDD	LQ		38A	
04038		XA528	79		XA528	72			168	9				TDCP20	01	TD108N	01	1	TDD	LN		39B	
05543		XA528	80		XA536	33			168	9				TR10CA	01	TD108Q	01	1	TDD	LQ		39A	
04043		XA529	01		XA529	10			168	9				TDCP30	01	TD138N	01	1	TDD	BN		02B	
01028		XA529	02											GND	01				TDD			01B	
05558		XA529	03		XA536	46			168	9				TR13CA	01	TD138Q	01	1	TDD	BQ		02A	
04120		XA529	04		XA529	06			168	9				TDRS3A	01	TD138P	01	1	TDD	BP		04A	
07623		XA529	05		XA427	19			168	9				TXR5CS	04	TD138I	01	1	TDD	BI		03B	
04121		XA529	06		XA529	20			168	9				TDRS3A	02	TD128P	01	1	TDD	AP		05A	
04181		XA529	07											TD138Q	02	TD138Q	00	1	TDD	BQ		03A	
07611		XA529	08		XA541	24			168	9				TXR4CS	04	TD128I	01	1	TDD	AI		06A	
08225		XA529	09										M	TD138P	01	TD138P	00	1	TDD	BP		04B	
04044		XA529	10		XA529	14			168	9				TDCP30	02	TD128N	01	1	TDD	AN		07A	
08224		XA529	11										M	TD128P	01	TD128P	00	1	TDD	AP		05B	
00211		XA529	12											+5V	01				TDD				
04179		XA529	13											TD128Q	02	TD128Q	00	1	TDD	AQ		06B	
04045		XA529	14		XA529	26			168	9				TDCP30	03	TD158N	01	1	TDD	DN		09A	
05553		XA529	15		XA536	52			168	9				TR12CA	01	TD128Q	01	1	TDD	AQ		07B	
01029		XA529	16											GND	01				TDD			20B	
05568		XA529	17		XA536	51			168	9				TR15CA	01	TD158Q	01	1	TDD	DQ		08B	
07647		XA529	18		XA427	20			168	9				TXR7CS	04	TD158I	01	1	TDD	DI		10A	
04185		XA529	19											TD158Q	02	TD158Q	00	1	TDD	DQ		09B	INPUT DATA REG BIT
04122		XA529	20		XA529	22			168	9				TDRS3A	03	TD158P	01	1	TDD	DP		11A	
08227		XA529	21										M	TD158P	01	TD158P	00	1	TDD	DP		10B	
04123		XA529	22		XA520	63			168	9				TDRS3A	04	TD148P	01	1	TDD	CP		12A	
08226		XA529	23										M	TD148P	01	TD148P	00	1	TDD	CP		11B	
07637		XA529	24		XA530	54			168	9				TXR6CS	06	TD148I	01	1	TDD	CI		13A	
04183		XA529	25											TD148Q	02	TD148Q	00	1	TDD	CQ		12B	
04046		XA529	26		XA520	39			168	9				TDCP30	04	TD148N	01	1	TDD	CN		14A	
05563		XA529	27		XA536	45			168	9				TR14CA	01	TD148Q	01	1	TDD	CO		13B	
00212		XA529	28											+5V	01				TDD				
05578		XA529	29		XA537	01			168	9				TR17CA	01	TD178Q	01	1	TDD	FQ		14B	
04048		XA529	30		XA529	42			168	9				TDCP40	01	TD178N	01	1	TDD	FN		15A	
04189		XA529	31											TD178Q	02	TD178Q	00	1	TDD	FQ		15B	
01030		XA529	32											GND	01				TDD			21B	
08229		XA529	33										M	TD178P	01	TD178P	00	1	TDD	FP		16B	
07564		XA529	34		XA528	05			168	9				TXR1CS	04	TD178I	01	1	TDD	FI		16A	
08228		XA529	35										M	TD168P	01	TD168P	00	1	TDD	EP		17B	
04125		XA529	36		XA529	38			168	9				TDRS4A	01	TD178P	01	1	TDD	EP		17A	
CONNECTOR		XA529	CONTINUED ON THE NEXT PAGE ****																				

RECORD NUMBER	FROM				TO				WIRE				SIGNAL	SEQ 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											
04187		XA529	37										TD16BQ	02	TD16BQ	00	1	TDD	EQ		18B	INPUT DATA REG BIT	
04126		XA529	38		XA529	50			168	9			TDRS4A	02	TD16BP	01	1	TDD	EP		18A		
05573		XA529	39		XA537	06			168	9			TR16CA	01	TD16BQ	01	1	TDD	EQ		19B		
07506		XA529	40		XA528	08			168	9			TXROCS	04	TD16BI	01	1	TDD	EI		19A		
05588		XA529	41		XA537	15			168	9			TR19CA	01	TD19BQ	01	1	TDD	HQ		22B		
04049		XA529	42		XA529	46			168	9			TDCP40	02	TD16BN	01	1	TDD	EN		20A		
04193		XA529	43										TD19BQ	02	TD19BQ	00	1	TDD	HQ		23B		
01031		XA529	44										GND	01				TDD			27A		
08231		XA529	45									M	TD19BP	01	TD19BP	00	1	TDD	HP		24B		
04050		XA529	46		XA529	56			168	9			TDCP40	03	TD19BN	01	1	TDD	HN		21A		
08230		XA529	47									M	TD18BP	01	TD18BP	00	1	TDD	GP		25B		
07601		XA529	48		XA528	71			168	9			TXR3CS	08	TD19BI	01	1	TDD	HI		22A		
04191		XA529	49										TD18BQ	02	TD18BQ	00	1	TDD	GQ		26B		
04127		XA529	50		XA529	52			168	9			TDRS4A	03	TD19BP	01	1	TDD	HP		23A		
05583		XA529	51		XA537	09			168	9			TR18CA	01	TD18BQ	01	1	TDD	GQ		27B		
04128		XA529	52		XA520	75			168	9			TDRS4A	04	TD18BP	01	1	TDD	GP		24A		
05598		XA529	53		XA537	14			168	9			TR21CA	01	TD21BQ	01	1	TDD	KO		28B		
07581		XA529	54		XA528	24			168	9			TXR2CS	03	TD18BI	01	1	TDD	GI		25A		
04197		XA529	55										TD21BQ	02	TD21BQ	00	1	TDD	KQ		29B		
04051		XA529	56		XA520	52			168	9			TDCP40	04	TD18BN	01	1	TDD	GN		24A		
08233		XA529	57									M	TD21BP	01	TD21BP	00	1	TDD	KP		30B		
01032		XA529	58										GND	01				TDD			40A		
08232		XA529	59									M	TD20BP	01	TD20BP	00	1	TDD	JP		31B		
04054		XA529	60		XA529	70			168	9			TDCP50	02	TD21BN	01	1	TDD	KN		28A		
04195		XA529	61										TD20BQ	02	TD20BQ	00	1	TDD	JO		32B		
07620		XA529	62		XA530	34			168	9			TXR5CS	01	TD21BI	01	1	TDD	KI		29A		
05593		XA529	63		XA537	22			168	9			TR20CA	01	TD20BQ	01	1	TDD	JQ		33B		
04130		XA529	64		XA529	66			168	9			TDRS5A	01	TD21BP	01	1	TDD	KP		30A		
05608		XA529	65		XA537	27			168	9			TR23CA	01	TD23BQ	01	1	TDD	MQ		34B		
04131		XA529	66		XA529	75			168	9			TDRS5A	02	TD20BP	01	1	TDD	JP		31A		
01033		XA529	67										GND	01				TDD			40B		
07608		XA529	68		XA530	40			168	9			TXR4CS	01	TD20BI	01	1	TDD	JT		32A		
08235		XA529	69									M	TD23BP	01	TD23BP	00	1	TDD	MP		35A		
04055		XA529	70		XA529	72			168	9			TDCP50	03	TD20BN	01	1	TDD	JN		33A		
07644		XA529	71		XA528	48			168	9			TXR7CS	01	TD23BI	01	1	TDD	MI		36A		
04056		XA529	72		XA529	79			168	9			TDCP50	04	TD23BN	01	1	TDD	MN		34A		
04133		XA529	73		XA520	72			168	9			TDRS5A	04	TD23BP	01	1	TDD	MP		36B		
04201		XA529	74										TD23BQ	02	TD23BQ	00	1	TDD	MQ		35B	INPUT DATA REG BIT	
04132		XA529	75		XA529	73			168	9			TDRS5A	03	TD22BP	01	1	TDD	LP		37B		
08234		XA529	76									M	TD22BP	01	TD22BP	00	1	TDD	LP		37A		
07640		XA529	77										TXR6CS	09	TD22BI	01	1	TDD	LI		38B		
04199		XA529	78										TD22BQ	02	TD22BQ	00	1	TDD	LQ		38A		
04057		XA529	79										TDCP50	05	TD22BN	01	1	TDD	LN		39B		
05604		XA529	80										TR22CA	02	TD22BQ	01	1	TDD	LQ		39A		
04058		XA530	01		XA530	10			168	9			TDCP40	01	TD25BN	01	1	TDD	BN		02B		
01034		XA530	02										GND	01				TDD			01B		
05618		XA530	03		XA537	30			168	9			TR25CA	01	TD25BQ	01	1	TDD	BQ		02A		
04139		XA530	04										TDRS6A	05	TD25BP	01	1	TDD	BP		04A		
CONNECTOR		XA530	CONTINUED ON THE NEXT PAGE ****																				

RECORD NUMBER	FROM				TO				WIRE				SIGNAL	SEQ NO	EQUATION	TERM	FACTOR	CKT OR CHIP TYPE	GROUP	LOAD OR POWER PLANE	TEST POINTS AND/OR	SIGNAL DESCRIPTION	ECO NO		
	PREFIX	CONNECTOR	PIW	PCB	PREFIX	CONNECTOR	PIW	PCB	MULTI GROUP	CODE	COLOR	IDENT												SPC/INST. MISC	
07566		XA530	05		XA431	60				16B	9			TXR1CS	06	TD258I	01	1	TDD	BI		03B			
04138		XA530	06		XA530	04				16B	9			TDRS6A	04	TD248P	01	1	TDD	AP		05A			
04205		XA530	07											TD258Q	02	TD258Q	00	1	TDD	BQ		03A			
07508		XA530	08		XA431	46				16B	9			TXR0CS	06	TD248T	01	1	TDD	AT		06A			
08237		XA530	09									M		TD258P	01	TD258P	00	1	TDD	BP		04B	READ/NO INTERRUPT		
04059		XA530	10		XA530	14				16B	9			TDCP60	02	TD248N	01	1	TDD	AN		07A			
08236		XA530	11									M		TD248P	01	TD248P	00	1	TDD	AP		05B			
00213		XA530	12											+5V	01				TDD						
04203		XA530	13											TD248Q	02	TD248Q	00	1	TDD	AQ		06B	INPUT DATA REG BIT		
04060		XA530	14		XA530	26				16B	9			TDCP60	03	TD278N	01	1	TDD	DN		09A			
05614		XA530	15											TR24CA	02	TD248Q	01	1	TDD	AQ		07B			
01035		XA530	16											GND	01				TDD			20B			
05628		XA530	17		XA537	39				16B	9			TR27CA	01	TD278Q	01	1	TDD	DQ		08B			
07599		XA530	18		XA528	18				16B	9			TXR3CS	06	TD278I	01	1	TDD	DI		10A			
04209		XA530	19											TD278Q	02	TD278Q	00	1	TDD	DQ		09B			
04137		XA530	20		XA530	06				16B	9			TDRS6A	03	TD278P	01	1	TDD	DP		11A			
08239		XA530	21									M		TD278P	01	TD278P	00	1	TDD	DP		10B			
04136		XA530	22		XA530	20				16B	9			TDRS6A	02	TD268P	01	1	TDD	CP		12A			
08238		XA530	23									M		TD268P	01	TD268P	00	1	TDD	CP		11B			
07583		XA530	24		XA431	59				16B	9			TXR2CS	05	TD268I	01	1	TDD	CI		13A			
04207		XA530	25											TD268Q	02	TD268Q	00	1	TDD	CQ		12B			
04061		XA530	26		XA520	45				16B	9			TDCP60	04	TD268N	01	1	TDD	CN		14A			
05624		XA530	27											TR26CA	02	TD268Q	01	1	TDD	CO		13B			
00214		XA530	28											+5V	01				TDD						
05639		XA530	29											TR29CA	02	TD298Q	01	1	TDD	FO		14B			
04067		XA530	30											TDCP70	05	TD298N	01	1	TDD	FN		15A			
04213		XA530	31											TD298Q	02	TD298Q	00	1	TDD	FO		15B			
01036		XA530	32											GND	01				TDD			21B			
08241		XA530	33									M		TD298P	01	TD298P	00	1	TDD	FP		16B			
07621		XA530	34		XA528	34				16B	9			TXR5CS	02	TD298I	01	1	TDD	FI		16A			
08240		XA530	35									M		TD288P	01	TD288P	00	1	TDD	EP		17B			
04140		XA530	36		XA530	38				16B	9			TDRS7A	01	TD298P	01	1	TDD	EP		17A			
04211		XA530	37											TD288Q	02	TD288Q	00	1	TDD	EQ		18B			
04141		XA530	38		XA530	50				16B	9			TDRS7A	02	TD288P	01	1	TDD	EP		18A			
05634		XA530	39											TR28CA	02	TD288Q	01	1	TDD	EQ		19B			
07609		XA530	40		XA528	40				16B	9			TXR4CS	02	TD288I	01	1	TDD	EI		19A			
05649		XA530	41											TR31CA	02	TD318Q	01	1	TDD	HQ		22B			
04066		XA530	42		XA530	30				16B	9			TDCP70	04	TD288N	01	1	TDD	FN		20A			
04217		XA530	43											TD318Q	02	TD318Q	00	1	TDD	HQ		23B	INPUT DATA REG BIT		
01037		XA530	44											GND	01				TDD			27A			
08243		XA530	45									M		TD318P	01	TD318P	00	1	TDD	HP		24B			
04065		XA530	46		XA530	42				16B	9			TDCP70	03	TD318N	01	1	TDD	HN		21A			
08242		XA530	47									M		TD308P	01	TD308P	00	1	TDD	GP		25B			
07646		XA530	48		XA529	18				16B	9			TXR7CS	03	TD318I	01	1	TDD	HT		22A			
04215		XA530	49											TD308Q	02	TD308Q	00	1	TDD	GQ		26B			
04142		XA530	50		XA530	52				16B	9			TDRS7A	03	TD318P	01	1	TDD	HP		23A			
05643		XA530	51		XA537	45				16B	9			TR30CA	01	TD308Q	01	1	TDD	GQ		27B			
04143		XA530	52		XA520	80				16B	9			TDRS7A	04	TD308P	01	1	TDD	GP		24A			
05303		XA530	53		XA531	53				16B	9			TRST1A	03	TR018Q	01	1	TDD	KQ		28B			
07638		XA530	54		XA528	54				16B	9			TXR6CS	07	TD308I	01	1	TDD	GI		25A			
CONNECTOR		XA530	CONTINUED ON THE NEXT PAGE				***																		

RECORD NUMBER	FROM			TO			MULTI GROUP	WIRE			SFC INST. MISC.	SIGNAL	SEQ NO	EQUATION	TERM	FACTOR	CHT OR CHIP TYPE	GROUP	LOAD OR POWER PLANE	TEST POINTS AND/OR	SIGNAL DESCRIPTION	ECO NO
	PREFIX	CONNECTOR	PIN	PREFIX	CONNECTOR	PIN		CODE	LODR	IDEN.												
05497		XA530	55									TR01BQ	03	TR01BQ	00	1	TDD	KQ		29B		
04064		XA530	56		XA530	46		16B	9			TDCP70	02	TD308N	01	1	TDD	GN		26A		
08299		XA530	57								M	TR01BP	01	TR01BP	00	1	TDD	KP		30B		
01038		XA530	58									GND	01				TDD			40A		
08298		XA530	59								M	TR00BP	01	TR00BP	00	1	TDD	JP		31B		
04929		XA530	60		XA519	66		16B	9			TRCPO0	04	TR01BN	01	1	TDD	KN		28A		
05492		XA530	61									TR00BQ	03	TR00BQ	00	1	TDD	JO		32B	OUTPUT DATA REG B	
03567		XA530	62		XA533	31		16B	9			TB01BQ	01	TR01BI	01	1	TDD	KI		29A		
05291		XA530	63		XA531	63		16B	9			TRSTOA	03	TR00BQ	01	1	TDD	JO		33B		
05251		XA530	64		XA531	20		16B	9			TRRS1A	03	TR01BP	01	1	TDD	KP		30A		
05302		XA530	65		XA530	53		16B	9			TRST1A	02	TR03BQ	01	1	TDD	MQ		34B		
05240		XA530	66		XA531	06		16B	9			TRRSOA	02	TR00BP	01	1	TDD	JP		31A		
01039		XA530	67									GND	01				TDD			40B		
03565		XA530	68		XA533	37		16B	9			TB00BQ	01	TR00BI	01	1	TDD	JI		32A		
08301		XA530	69								M	TR03BP	01	TR03BP	00	1	TDD	MP		35A		
04928		XA530	70		XA530	60		16B	9			TRCPO0	03	TR00BN	01	1	TDD	JN		33A		
03571		XA530	71		XA533	43		16B	9			TB03BQ	01	TR03BI	01	1	TDD	MI		36A		
04927		XA530	72		XA530	70		16B	9			TRCPO0	02	TR03BN	01	1	TDD	MN		34A		
05250		XA530	73		XA530	64		16B	9			TRRS1A	02	TR03BP	01	1	TDD	MP		36B		
05507		XA530	74									TR03BQ	03	TR03BQ	00	1	TDD	MQ		35B		
05239		XA530	75		XA530	66		16B	9			TRRSOA	01	TR02BP	01	1	TDD	LP		37B		
08300		XA530	76								M	TR02BP	01	TR02BP	00	1	TDD	LP		37A		
03569		XA530	77		XA533	49		16B	9			TB02BQ	01	TR02BI	01	1	TDD	LI		38B		
05502		XA530	78									TR02BQ	03	TR02BQ	00	1	TDD	LQ		38A		
04926		XA530	79		XA530	72		16B	9			TRCPO0	01	TR02BN	01	1	TDD	LN		39B		
05290		XA530	80		XA530	63		16B	9			TRSTOA	02	TR02BQ	01	1	TDD	LQ		39A		
04935		XA531	01									TRCP10	05	TR05BN	01	1	TDD	BN		02B		
01040		XA531	02									GND	01				TDD			01B		
05308		XA531	03		XA516	01		16B	9			TRST1A	08	TR05BQ	01	1	TDD	BO		02A		
05253		XA531	04									TRRS1A	05	TR05BP	01	1	TDD	BP		04A		
03575		XA531	05		XA533	55		16B	9			TB05BQ	01	TR05BI	01	1	TDD	BI		03B		
05241		XA531	06		XA531	22		16B	9			TRRSOA	03	TR04BP	01	1	TDD	AP		05A		
05517		XA531	07									TR05BQ	03	TR05BQ	00	1	TDD	BO		03A		
03573		XA531	08		XA533	61		16B	9			TB04BQ	01	TR04BI	01	1	TDD	AT		06A		
08303		XA531	09								M	TR05BP	01	TR05BP	00	1	TDD	BP		04B		
04934		XA531	10		XA531	01		16B	9			TRCP10	04	TR04BN	01	1	TDD	AN		07A		
08302		XA531	11								M	TR04BP	01	TR04BP	00	1	TDD	AP		05B		
00215		XA531	12									+5V	01				TDD					
05512		XA531	13									TR04BQ	03	TR04BQ	00	1	TDD	AQ		06B		
04933		XA531	14		XA531	10		16B	9			TRCP10	03	TR07BN	01	1	TDD	DN		09A		
05296		XA531	15		XA516	06		16B	9			TRSTOA	08	TR04BQ	01	1	TDD	AQ		07B		
01041		XA531	16									GND	01				TDD			20B		
05307		XA531	17		XA531	03		16B	9			TRST1A	07	TR07BQ	01	1	TDD	OQ		08B		
03579		XA531	18		XA533	74		16B	9			TB07BQ	01	TR07BI	01	1	TDD	OT		10A		
05527		XA531	19									TR07BQ	03	TR07BQ	00	1	TDD	OQ		09B	OUTPUT DATA REG B	
05252		XA531	20		XA531	04		16B	9			TRRS1A	04	TR07BP	01	1	TDD	DP		11A		
08305		XA531	21								M	TR07BP	01	TR07BP	00	1	TDD	DP		10B		
05242		XA531	22		XA516	22		16B	9			TRRSOA	04	TR04BP	01	1	TDD	CP		12A		
CONNECTOR	XA531	CONTINUED ON THE NEXT PAGE ***																				

RECORD NUMBER	FROM				TO				WIRE				SIGNAL	SEQ 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											
08304		XA531	23										M	TR06BP	01	TR06BP	00	1	TDD	CP		11B	
03577		XA531	24		XA533	78				168	9			TR06BQ	01	TR06BI	01	1	TDD	CT		13A	
05522		XA531	25											TR06BQ	03	TR06BQ	00	1	TDD	CQ		12B	
04932		XA531	26		XA531	14				168	9			TRCP10	02	TR06BN	01	1	TDD	CN		14A	
05295		XA531	27		XA531	15				168	9			TRSTOA	07	TR06BQ	01	1	TDD	CQ		13B	
00216		XA531	28											+5V	01				TDD				
05306		XA531	29		XA531	17				168	9			TRST1A	06	TR09BQ	01	1	TDD	FQ		14B	
04936		XA531	30		XA531	42				168	9			TRCP20	01	TR09BN	01	1	TDD	FN		15A	
05537		XA531	31											TR09BQ	03	TR09BQ	00	1	TDD	FQ		15B	
01042		XA531	32											GND	01				TDD			21B	
08307		XA531	33										M	TR09BP	01	TR09BP	00	1	TDD	FP		16B	
03583		XA531	34		XA534	07				168	9			TR09BQ	01	TR09BI	01	1	TDD	FI		16A	
08306		XA531	35										M	TR08BP	01	TR08BP	00	1	TDD	EP		17B	
05267		XA531	36		XA516	30				168	9			TRRS3A	04	TR09BP	01	1	TDD	EP		17A	
05532		XA531	37											TR08BQ	03	TR08BQ	00	1	TDD	EQ		18B	OUTPUT DATA REG BIT
05262		XA531	38		XA516	14				168	9			TRRS2A	04	TR08BP	01	1	TDD	EP		18A	
05294		XA531	39		XA531	27				168	9			TRSTOA	06	TR08BQ	01	1	TDD	EQ		19B	
03582		XA531	40											TR08BQ	02	TR08BI	01	1	TDD	FI		19A	
05305		XA531	41		XA531	29				168	9			TRST1A	05	TR11BQ	01	1	TDD	HQ		22B	
04937		XA531	42		XA531	46				168	9			TRCP20	02	TR08BN	01	1	TDD	FN		20A	
05547		XA531	43											TR11BQ	03	TR11BQ	00	1	TDD	HQ		23B	
01043		XA531	44											GND	01				TDD			27A	
08309		XA531	45										M	TR11BP	01	TR11BP	00	1	TDD	HP		24B	
04938		XA531	46		XA531	56				168	9			TRCP20	03	TR11BN	01	1	TDD	HN		21A	
08308		XA531	47										M	TR10BP	01	TR10BP	00	1	TDD	GP		25B	
03587		XA531	48		XA534	19				168	9			TR11BQ	01	TR11BI	01	1	TDD	HI		22A	
05542		XA531	49											TR10BQ	03	TR10BQ	00	1	TDD	GQ		26B	
05266		XA531	50		XA531	36				168	9			TRRS3A	03	TR11BP	01	1	TDD	HP		23A	
05293		XA531	51		XA531	39				168	9			TRSTOA	05	TR10BQ	01	1	TDD	GQ		27B	
05261		XA531	52		XA531	38				168	9			TRRS2A	03	TR10BP	01	1	TDD	GP		24A	
05304		XA531	53		XA531	41				168	9			TRST1A	04	TR13BQ	01	1	TDD	KQ		28B	
03585		XA531	54		XA534	25				168	9			TR10BQ	01	TR10BI	01	1	TDD	GI		25A	
05557		XA531	55											TR13BQ	03	TR13BQ	00	1	TDD	KQ		29B	
04939		XA531	56		XA519	57				168	9			TRCP20	04	TR10BN	01	1	TDD	GN		26A	
08311		XA531	57										M	TR13BP	01	TR13BP	00	1	TDD	KP		30B	
01044		XA531	58											GND	01				TDD			40A	
08310		XA531	59										M	TR12BP	01	TR12BP	00	1	TDD	JP		31B	
04942		XA531	60		XA531	70				168	9			TRCP30	02	TR13BN	01	1	TDD	KN		28A	
05552		XA531	61											TR12BQ	03	TR12BQ	00	1	TDD	JQ		32B	
03591		XA531	62		XA534	31				168	9			TR13BQ	01	TR13BI	01	1	TDD	KT		29A	
05292		XA531	63		XA531	51				168	9			TRSTOA	04	TR12BQ	01	1	TDD	JQ		33B	
05265		XA531	64		XA531	50				168	9			TRRS3A	02	TR13BP	01	1	TDD	KP		30A	
05301		XA531	65		XA530	65				168	9			TRST1A	01	TR15BQ	01	1	TDD	MQ		34B	
05260		XA531	66		XA531	52				168	9			TRRS2A	02	TR12BP	01	1	TDD	JP		31A	
01045		XA531	67											GND	01				TDD			40B	
03589		XA531	68		XA534	37				168	9			TR12BQ	01	TR12BI	01	1	TDD	JT		32A	
08313		XA531	69										M	TR15BP	01	TR15BP	00	1	TDD	MP		35A	
04943		XA531	70		XA531	72				168	9			TRCP30	03	TR12BN	01	1	TDD	JN		33A	
03595		XA531	71		XA534	43				168	9			TR15BQ	01	TR15BI	01	1	TDD	MI		36A	
04944		XA531	72		XA531	79				168	9			TRCP30	04	TR15BN	01	1	TDD	MN		34A	
CONNECTOR		XA531	CONTINUED ON THE NEXT PAGE ****																				

RECORD NUMBER	FROM				TO				WIRE				SIGNAL	SEQ NO	EQUATION	TERM	FACTOR	CKT OR CHIP TYPE	GROUP	LOAD OR POWER PLANE	TEST POINTS AND/OR	SIGNAL DESCRIPTION	ECO NO
	PREFIX	CONNECTOR	PIN	DRILL	PREFIX	CONNECTOR	PIN	DRILL	MULTI GROUP	CODE	COLOR	IDENT											
05264		XA531	73		XA531	64				16B	9		TRRS3A	01	TR15B P	01	1	TDD	MP		36B		
05567		XA531	74										TR15B Q	03	TR15B Q	00	1	TDD	MQ		35B		
05259		XA531	75		XA531	66				16B	9		TRRS2A	01	TR14B P	01	1	TDD	LP		37B	OUTPUT DATA REG B I	
08312		XA531	76									M	TR14B P	01	TR14B P	00	1	TDD	LP		37A		
03593		XA531	77		XA534	49				16B	9		TB14B Q	01	TR14B I	01	1	TDD	LI		38B		
05562		XA531	78										TR14B Q	03	TR14B Q	00	1	TDD	LQ		38A		
04945		XA531	79										TRCP30	05	TR14B N	01	1	TDD	LN		39B		
05289		XA531	80		XA530	80				16B	9		TRST0A	01	TR14B Q	01	1	TDD	LQ		39A		
04946		XA532	01		XA532	10				16B	9		TRCP40	01	TR17B N	01	1	TDD	BN		02B		
01046		XA532	02										GND	01				TDD			01B		
05329		XA532	03		XA516	15				16B	9		TRST5A	08	TR17B Q	01	1	TDD	BQ		02A		
05278		XA532	04										TRRS5A	05	TR17B P	01	1	TDD	BP		04A		
03599		XA532	05		XA534	55				16B	9		TB17B Q	01	TR17B I	01	1	TDD	BI		03B		
05271		XA532	06		XA532	22				16B	9		TRRS4A	03	TR16B P	01	1	TDD	AP		05A		
05577		XA532	07										TR17B Q	03	TR17B Q	00	1	TDD	BQ		03A		
03597		XA532	08		XA534	61				16B	9		TB16B Q	01	TR16B I	01	1	TDD	AI		06A		
08315		XA532	09									M	TR17B P	01	TR17B P	00	1	TDD	BP		04B		
04947		XA532	10		XA532	14				16B	9		TRCP40	02	TR16B N	01	1	TDD	AN		07A		
08314		XA532	11									M	TR16B P	01	TR16B P	00	1	TDD	AP		05B		
00217		XA532	12										+5V	01				TDD					
05572		XA532	13										TR16B Q	03	TR16B Q	00	1	TDD	AQ		06B	OUTPUT DATA REG B I	
04948		XA532	14		XA532	26				16B	9		TRCP40	03	TR19B N	01	1	TDD	DN		09A		
05320		XA532	15		XA516	09				16B	9		TRST4A	08	TR16B Q	01	1	TDD	AQ		07B		
01047		XA532	16										GND	01				TDD			20B		
05326		XA532	17		XA533	17				16B	9		TRST5A	05	TR19B Q	01	1	TDD	DQ		08B		
03603		XA532	18		XA534	74				16B	9		TB19B Q	01	TR19B I	01	1	TDD	DI		10A		
05587		XA532	19										TR19B Q	03	TR19B Q	00	1	TDD	DQ		09B		
05277		XA532	20		XA532	04				16B	9		TRRS5A	04	TR19B P	01	1	TDD	DP		11A		
08317		XA532	21									M	TR19B P	01	TR19B P	00	1	TDD	DP		10B		
05272		XA532	22		XA516	21				16B	9		TRRS4A	04	TR18B P	01	1	TDD	CP		12A		
08316		XA532	23									M	TR18B P	01	TR18B P	00	1	TDD	CP		11B		
03601		XA532	24		XA534	78				16B	9		TB18B Q	01	TR18B I	01	1	TDD	CI		13A		
05582		XA532	25										TR18B Q	03	TR18B Q	00	1	TDD	CO		12B		
04949		XA532	26		XA519	75				16B	9		TRCP40	04	TR18B N	01	1	TDD	CN		14A		
05317		XA532	27		XA533	27				16B	9		TRST4A	05	TR18B Q	01	1	TDD	CO		13B		
00218		XA532	28										+5V	01				TDD					
05325		XA532	29		XA532	17				16B	9		TRST5A	04	TR21B Q	01	1	TDD	FQ		14B		
04951		XA532	30		XA532	42				16B	9		TRCP50	01	TR21B N	01	1	TDD	FN		15A		
05597		XA532	31										TR21B Q	03	TR21B Q	00	1	TDD	FQ		15B		
01048		XA532	32										GND	01				TDD			21B		
08319		XA532	33									M	TR21B P	01	TR21B P	00	1	TDD	FP		16B		
03607		XA532	34		XA535	07				16B	9		TB21B Q	01	TR21B I	01	1	TDD	FI		16A		
08318		XA532	35									M	TR20B P	01	TR20B P	00	1	TDD	EP		17B		
05276		XA532	36		XA532	20				16B	9		TRRS5A	03	TR21B P	01	1	TDD	EP		17A		
05592		XA532	37										TR20B Q	03	TR20B Q	00	1	TDD	EQ		18B		
05270		XA532	38		XA532	06				16B	9		TRRS4A	02	TR20B P	01	1	TDD	EP		18A		
05316		XA532	39		XA532	27				16B	9		TRST4A	04	TR20B Q	01	1	TDD	EQ		19B		
03605		XA532	40		XA535	13				16B	9		TB20B Q	01	TR20B I	01	1	TDD	ET		19A		
CONNECTOR	XA532	CONTINUED ON THE NEXT PAGE ****																					

RECORD NUMBER	FROM				TO				WIRE				SIGNAL	SEQ 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											
05324		XA532	41			XA532	29			168	9			TRST5A	03	TR238Q	01	1	TDD	HQ	22B		
04952		XA532	42			XA532	46			168	9			TRCP50	02	TR20BN	01	1	TDD	FN	20A		
05607		XA532	43											TR238Q	03	TR238Q	00	1	TDD	HQ	23B	OUTPUT DATA REG B I	
01049		XA532	44											GND	01				TDD		27A		
08321		XA532	45										M	TR238P	01	TR238P	00	1	TDD	HP	24B		
04953		XA532	46			XA532	56			168	9			TRCP50	03	TR238N	01	1	TDD	HN	21A		
08320		XA532	47										M	TR228P	01	TR228P	00	1	TDD	GP	25B		
03611		XA532	48			XA535	19			168	9			TB238Q	01	TR238I	01	1	TDD	HT	22A		
05602		XA532	49											TR228Q	03	TR228Q	00	1	TDD	GQ	26B		
05275		XA532	50			XA532	36			168	9			TRRS5A	02	TR238P	01	1	TDD	HP	23A		
05315		XA532	51			XA532	39			168	9			TRST4A	03	TR228Q	01	1	TDD	GQ	27B		
05269		XA532	52			XA532	38			168	9			TRRS4A	01	TR228P	01	1	TDD	GP	24A		
05323		XA532	53			XA532	41			168	9			TRST5A	02	TR258Q	01	1	TDD	KQ	28B		
03609		XA532	54			XA535	25			168	9			TB228Q	01	TR228I	01	1	TDD	GI	25A		
05617		XA532	55											TR258Q	03	TR258Q	00	1	TDD	KQ	29B		
04954		XA532	56			XA519	72			168	9			TRCP50	04	TR228N	01	1	TDD	GN	26A		
08323		XA532	57										M	TR258P	01	TR258P	00	1	TDD	KP	30B		
01050		XA532	58											GND	01				TDD		40A		
08322		XA532	59										M	TR248P	01	TR248P	00	1	TDD	JP	31B		
04956		XA532	60			XA532	70			168	9			TRCP60	01	TR258N	01	1	TDD	KN	28A		
05612		XA532	61											TR248Q	03	TR248Q	00	1	TDD	JQ	32B	OUTPUT DATA REG B I	
03615		XA532	62			XA535	31			168	9			TB258Q	01	TR258I	01	1	TDD	KI	29A		
05314		XA532	63			XA532	51			168	9			TRST4A	02	TR248Q	01	1	TDD	JQ	33B		
05286		XA532	64			XA533	20			168	9			TRRS7A	03	TR258P	01	1	TDD	KP	30A		
05322		XA532	65			XA532	53			168	9			TRST5A	01	TR278Q	01	1	TDD	MQ	34B		
05280		XA532	66			XA533	06			168	9			TRRS6A	02	TR248P	01	1	TDD	JP	31A		
01051		XA532	67											GND	01				TDD		40B		
03613		XA532	68			XA535	37			168	9			TB248Q	01	TR248I	01	1	TDD	JI	32A		
08325		XA532	69										M	TR278P	01	TR278P	00	1	TDD	MP	35A		
04957		XA532	70			XA532	72			168	9			TRCP60	02	TR248N	01	1	TDD	JN	33A		
03619		XA532	71			XA535	43			168	9			TB278Q	01	TR278I	01	1	TDD	MI	36A		
04958		XA532	72			XA532	79			168	9			TRCP60	03	TR278N	01	1	TDD	MN	34A		
05285		XA532	73			XA532	64			168	9			TRRS7A	02	TR278P	01	1	TDD	MP	36B		
05627		XA532	74											TR278Q	03	TR278Q	00	1	TDD	MQ	35B		
05279		XA532	75			XA532	66			168	9			TRRS6A	01	TR268P	01	1	TDD	LP	37B		
08324		XA532	76										M	TR268P	01	TR268P	00	1	TDD	LP	37A		
03617		XA532	77			XA535	49			168	9			TB268Q	01	TR268I	01	1	TDD	LI	38B		
05622		XA532	78											TR268Q	03	TR268Q	00	1	TDD	LQ	38A		
04959		XA532	79			XA519	69			168	9			TRCP60	04	TR268N	01	1	TDD	LN	39B		
05313		XA532	80			XA532	63			168	9			TRST4A	01	TR268Q	01	1	TDD	LQ	39A		
04961		XA533	01			XA533	10			168	9			TRCP70	01	TR298N	01	1	TDD	BN	02B		
01052		XA533	02											GND	01				TDD		01B		
05328		XA533	03			XA532	03			168	9			TRST5A	07	TR298Q	01	1	TDD	BQ	02A		
05288		XA533	04											TRRS7A	05	TR298P	01	1	TDD	BP	04A		
03623		XA533	05			XA535	55			168	9			TB298Q	01	TR298I	01	1	TDD	BI	03B		
05281		XA533	06			XA533	22			168	9			TRRS6A	03	TR288P	01	1	TDD	AP	05A		
05637		XA533	07											TR298Q	03	TR298Q	00	1	TDD	BQ	03A		
03621		XA533	08			XA535	61			168	9			TB288Q	01	TR288I	01	1	TDD	AI	06A		
CONNECTOR		XA533	CONTINUED ON THE NEXT PAGE ***																				

RECORD NUMBER	FROM				TO				WIRE				SIGNAL	SEQ NO	EQUATION	TERM	FACTOR	CMT OR CHIP TYPE	GROUP	LOAD OR POWER PLANE	TEST POINTS AND/OR	SIGNAL DESCRIPTION	ECO NO
	PREFIX	CONNECTOR	PIN	WIRE	PREFIX	CONNECTOR	PIN	WIRE	MULTI GROUP	CODE	COLOR	IDEN.											
08327		XA533	09										M	TR298P	01	TR298P	00	1	TDD	BP		04B	
04962		XA533	10		XA533	14				16B	9			TRCP70	02	TR288N	01	1	TDD	AN		07A	
08326		XA533	11										M	TR288P	01	TR288P	00	1	TDD	AP		05B	
00219		XA533	12											+5V	01				TDD				
05632		XA533	13											TR288Q	03	TR288Q	00	1	TDD	AQ		06B	
04963		XA533	14		XA533	26				16B	9			TRCP70	03	TR318N	01	1	TDD	DN		09A	
05319		XA533	15		XA532	15				16B	9			TRST4A	07	TR288Q	01	1	TDD	AQ		07B	
01053		XA533	16											GND	01				TDD			20B	
05327		XA533	17		XA533	03				16B	9			TRST5A	06	TR318Q	01	1	TDD	DQ		08B	
03627		XA533	18		XA535	74				16B	9			T831BQ	01	TR318I	01	1	TDD	DI		10A	
05647		XA533	19											TR318Q	03	TR318Q	00	1	TDD	DO		09B	OUTPUT DATA REG BIT
05287		XA533	20		XA533	04				16B	9			TRRS7A	04	TR318P	01	1	TDD	DP		11A	
08329		XA533	21										M	TR318P	01	TR318P	00	1	TDD	DP		10B	
05282		XA533	22		XA516	27				16B	9			TRRS6A	04	TR308P	01	1	TDD	CP		12A	
08328		XA533	23										M	TR308P	01	TR308P	00	1	TDD	CP		11B	
03625		XA533	24		XA535	78				16B	9			T8308Q	01	TR308I	01	1	TDD	CJ		13A	
05642		XA533	25											TR308Q	03	TR308Q	00	1	TDD	CQ		12B	
04964		XA533	26		XA519	80				16B	9			TRCP70	04	TR308N	01	1	TDD	CN		14A	
05318		XA533	27		XA533	15				16B	9			TRST4A	06	TR308Q	01	1	TDD	CQ		13B	
00220		XA533	28											+5V	01				TDD				
01436		XA533	29		XA534	29				16B	9			SPI008	11	T8018Q	01	1	TDD	FQ		14B	
03441		XA533	30		XA533	42				16B	9			TBCP00	02	T8018N	01	1	TDD	FN		15A	
03568		XA533	31											T8018Q	02	T8018Q	00	1	TDD	FQ		15B	
01054		XA533	32											GND	01				TDD			21B	
08159		XA533	33										M	T8018P	01	T8018P	00	1	TDD	FP		16B	
04156		XA533	34		XA528	07				16B	9			TD018Q	01	T8018I	01	1	TDD	FI		16A	
08158		XA533	35										M	T8008P	01	T8008P	00	1	TDD	EP		17B	
01816		XA533	36		XA534	36				16B	9			SPI023	12	T8018P	01	1	TDD	FP		17A	
03566		XA533	37											T8008Q	02	T8008Q	00	1	TDD	EQ		18B	BUFFER REG BIT 0
01881		XA533	38		XA534	38				16B	9			SPI025	15	T8008P	01	1	TDD	EP		18A	
01840		XA533	39		XA533	51				16B	9			SPI024	11	T8008Q	01	1	TDD	EQ		19B	
04154		XA533	40		XA528	13				16B	9			TD008Q	01	T8008I	01	1	TDD	EI		19A	
01441		XA533	41		XA533	53				16B	9			SPI008	16	T8038Q	01	1	TDD	HQ		22B	
03442		XA533	42		XA533	46				16B	9			TBCP00	03	T8008N	01	1	TDD	EN		20A	
03572		XA533	43											T8038Q	02	T8038Q	00	1	TDD	HO		23B	
01055		XA533	44											GND	01				TDD			27A	
08161		XA533	45										M	T8038P	01	T8038P	00	1	TDD	HP		24B	
03443		XA533	46		XA533	56				16B	9			TBCP00	04	T8038N	01	1	TDD	HN		21A	
08160		XA533	47										M	T8028P	01	T8028P	00	1	TDD	GP		25B	
04160		XA533	48		XA528	19				16B	9			TJ038Q	01	T8038I	01	1	TDD	HI		22A	
03570		XA533	49											T8028Q	02	T8028Q	00	1	TDD	GQ		26B	
01815		XA533	50		XA533	36				16B	9			SPI023	11	T8038P	01	1	TDD	HP		23A	
01841		XA533	51		XA534	51				16B	9			SPI024	12	T8028Q	01	1	TDD	GO		27B	
01880		XA533	52		XA533	38				16B	9			SPI025	14	T8028P	01	1	TDD	GP		24A	
01442		XA533	53		XA534	53				16B	9			SPI008	17	T8058Q	01	1	TDD	KQ		28B	
04158		XA533	54		XA528	25				16B	9			TD028Q	01	T8028I	01	1	TDD	GI		25A	
03576		XA533	55											T8058Q	02	T8058Q	00	1	TDD	KQ		29B	
03444		XA533	56											TBCP00	05	T8028N	01	1	TDD	GN		26A	
08163		XA533	57										M	T8058P	01	T8058P	00	1	TDD	KP		30B	
01056		XA533	58											GND	01				TDD			40A	
CONNECTOR XA533 CONTINUED ON THE NEXT PAGE ****																							

RECORD NUMBER	FROM			TO			WIRE				SIGNAL	SEQ NO	EQUATION	TER	FACTOR	EXT 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											
08162		XA533	59								M	TB048P	01	TB048P	00	I	TDD	JP		31B	
03448		XA533	60		XA519	30						TBCP10	04	TB058N	01	I	TDD	KN		28A	
03574		XA533	61									TB048Q	02	TB048Q	00	I	TDD	JO		32B	
04164		XA533	62		XA528	31						TD058Q	01	TB058I	01	I	TDD	KI		29A	
01846		XA533	63		XA533	80						SPI024	17	TB048Q	01	I	TDD	JQ		33B	
01810		XA533	64		XA534	64						SPI023	06	TB058P	01	I	TDD	KP		30A	
01447		XA533	65		XA526	46						SPI008	22	TB078Q	01	I	TDD	MQ		34B	
01875		XA533	66		XA534	66						SPI025	09	TB048P	01	I	TDD	JP		31A	
01057		XA533	67									GND	01				TDD			40B	
04162		XA533	68		XA528	37						TD048Q	01	TB048I	01	I	TDD	JT		32A	
08165		XA533	69								M	TB078P	01	TB078P	00	I	TDD	MP		35A	
03447		XA533	70		XA533	60						TBCP10	03	TB048N	01	I	TDD	JN		33A	
04168		XA533	71		XA528	43						TD078Q	01	TB078I	01	I	TDD	MI		36A	
03446		XA533	72		XA533	70						TBCP10	02	TB078N	01	I	TDD	MN		34A	
01807		XA533	73		XA535	73						SPI023	03	TB078P	01	I	TDD	MP		36B	
03580		XA533	74									TB078Q	02	TB078Q	00	I	TDD	MQ		35B	BUFFER REG BIT 7
01874		XA533	75		XA533	66						SPI025	08	TB068P	01	I	TDD	LP		37B	
08164		XA533	76								M	TB068P	01	TB068P	00	I	TDD	LP		37A	
04166		XA533	77		XA528	49						TD068Q	01	TB068I	01	I	TDD	LI		38B	
03578		XA533	78									TB068Q	02	TB068Q	00	I	TDD	LQ		38A	
03445		XA533	79		XA533	72						TBCP10	01	TB068N	01	I	TDD	LN		39B	
01847		XA533	80		XA534	80						SPI024	18	TB068Q	01	I	TDD	LQ		39A	
03450		XA534	01		XA534	10						TBCP20	01	TB098N	01	I	TDD	BN		02B	
01058		XA534	02									GND	01				TDD			01B	
01432		XA534	03		XA535	03						SPI008	07	TB098Q	01	I	TDD	BQ		02A	
01821		XA534	04		XA535	04						SPI023	17	TB098P	01	I	TDD	BP		04A	
04172		XA534	05		XA528	55						TD098Q	01	TB098I	01	I	TDD	BI		03B	
01886		XA534	06		XA535	06						SPI025	20	TB088P	01	I	TDD	AP		05A	
03584		XA534	07									TB098Q	02	TB098Q	00	I	TDD	BQ		03A	
04170		XA534	08		XA528	61						TD088Q	01	TB088I	01	I	TDD	AI		06A	
08167		XA534	09								M	TB098P	01	TB098P	00	I	TDD	BP		04B	
03451		XA534	10		XA534	14						TBCP20	02	TB088N	01	I	TDD	AN		07A	
08166		XA534	11								M	TB088P	01	TB088P	00	I	TDD	AP		05B	
00221		XA534	12									+5V	01				TDD				
03581		XA534	13		XA531	40						TB088Q	01	TB088Q	00	I	TDD	AQ		06B	
03452		XA534	14		XA534	26						TBCP20	03	TB118N	01	I	TDD	DN		09A	
01835		XA534	15		XA534	27						SPI024	06	TB088Q	01	I	TDD	AO		07B	
01059		XA534	16									GND	01				TDD			20B	
01435		XA534	17		XA533	29						SPI008	10	TB118Q	01	I	TDD	DQ		08B	
04176		XA534	18		XA528	74						TD118Q	01	TB118I	01	I	TDD	DI		10A	
03588		XA534	19									TB118Q	02	TB118Q	00	I	TDD	DQ		09B	
01820		XA534	20		XA534	04						SPI023	16	TB118P	01	I	TDD	DP		11A	
08169		XA534	21								M	TB118P	01	TB118P	00	I	TDD	DP		10B	
01885		XA534	22		XA534	06						SPI025	19	TB108P	01	I	TDD	CP		12A	
08168		XA534	23								M	TB108P	01	TB108P	00	I	TDD	CP		11B	
04174		XA534	24		XA528	78						TD108Q	01	TB108I	01	I	TDD	CI		13A	
03586		XA534	25									TB108Q	02	TB108Q	00	I	TDD	CQ		12B	
03453		XA534	26		XA519	33						TBCP20	04	TB108N	01	I	TDD	CN		14A	
CONNECTOR		XA534	CONTINUED ON THE NEXT PAGE ****																		

RECORD NUMBER	FROM				TO				WIRE				SIGNAL	SEQ NO	EQUATION	TERM	FACTOR	CKT OR CHIP TYPE	GRUP	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											
01836		XA534	27		XA535	27				168	9		SPI024	07	TB108Q	01	1	TDD	CO		13B		
00222		XA534	28										+5V	01				TDD					
01437		XA534	29		XA535	29				168	9		SPI008	12	TB138Q	01	1	TDD	FQ		14B		
03456		XA534	30		XA534	42				168	9		TBCP30	02	TB138N	01	1	TDD	FN		15A		
03592		XA534	31										TB138Q	02	TB138Q	00	1	TDD	FQ		15B		
01060		XA534	32										GND	01				TDD			21B		
08171		XA534	33									M	TB138P	01	TB138P	00	1	TDD	FP		16B		
04180		XA534	34		XA529	07				168	9		TD138Q	01	TB138I	01	1	TDD	FI		16A		
08170		XA534	35									M	TB128P	01	TB128P	00	1	TDD	EP		17B		
01817		XA534	36		XA535	36				168	9		SPI023	13	TB138P	01	1	TDD	FP		17A		
03590		XA534	37										TB128Q	02	TB128Q	00	1	TDD	EQ		18B		
01882		XA534	38		XA535	38				168	9		SPI025	16	TB128P	01	1	TDD	EP		18A		
01839		XA534	39		XA533	39				168	9		SPI024	10	TB128Q	01	1	TDD	EQ		19B		
04178		XA534	40		XA529	13				168	9		TD128Q	01	TB128I	01	1	TDD	EI		19A		
01440		XA534	41		XA533	41				168	9		SPI008	15	TB158Q	01	1	TDD	HQ		22B		
03457		XA534	42		XA534	46				168	9		TBCP30	03	TB128N	01	1	TDD	EN		20A		
03596		XA534	43										TB158Q	02	TB158Q	00	1	TDD	HQ		23B	BUFFER REG BIT 15	
01061		XA534	44										GND	01				TDD			27A		
08173		XA534	45									M	TB158P	01	TB158P	00	1	TDD	HP		24B		
03458		XA534	46		XA534	56				168	9		TBCP30	04	TB158N	01	1	TDD	HN		21A		
08172		XA534	47									M	TB148P	01	TB148P	00	1	TDD	GP		25B		
04184		XA534	48		XA529	19				168	9		TD158Q	01	TB158I	01	1	TDD	HI		22A		
03594		XA534	49										TB148Q	02	TB148Q	00	1	TDD	GQ		26B		
01814		XA534	50		XA533	50				168	9		SPI023	10	TB158P	01	1	TDD	HP		23A		
01842		XA534	51		XA535	51				168	9		SPI024	13	TB148Q	01	1	TDD	GQ		27B		
01879		XA534	52		XA533	52				168	9		SPI025	13	TB148P	01	1	TDD	GP		24A		
01443		XA534	53		XA535	53				168	9		SPI008	18	TB178Q	01	1	TDD	KQ		28B		
04182		XA534	54		XA529	25				168	9		TD148Q	01	TB148I	01	1	TDD	GI		25A		
03600		XA534	55										TB178Q	02	TB178Q	00	1	TDD	KQ		29B		
03459		XA534	56										TBCP30	05	TB148N	01	1	TDD	GN		26A		
08175		XA534	57									M	TB178P	01	TB178P	00	1	TDD	KP		30B		
01062		XA534	58										GND	01				TDD			40A		
08174		XA534	59									M	TB168P	01	TB168P	00	1	TDD	JP		31B		
03463		XA534	60		XA519	52				168	9		TBCP40	04	TB178N	01	1	TDD	KN		28A		
03598		XA534	61										TB168Q	02	TB168Q	00	1	TDD	JQ		32B	BUFFER REG BIT 16	
04188		XA534	62		XA529	31				168	9		TD178Q	01	TB178I	01	1	TDD	KI		29A		
01845		XA534	63		XA533	63				168	9		SPI024	16	TB168Q	01	1	TDD	JQ		33B		
01811		XA534	64		XA535	64				168	9		SPI023	07	TB178P	01	1	TDD	KP		30A		
01446		XA534	65		XA533	65				168	9		SPI008	21	TB198Q	01	1	TDD	MQ		34B		
01876		XA534	66		XA535	66				168	9		SPI025	10	TB168P	01	1	TDD	JP		31A		
01063		XA534	67										GND	01				TDD			40B		
04186		XA534	68		XA529	37				168	9		TD168Q	01	TB168I	01	1	TDD	JI		32A		
08177		XA534	69									M	TB198P	01	TB198P	00	1	TDD	MP		35A		
03462		XA534	70		XA534	60				168	9		TBCP40	03	TB168N	01	1	TDD	JN		33A		
04192		XA534	71		XA529	43				168	9		TD198Q	01	TB198I	01	1	TDD	MI		36A		
03461		XA534	72		XA534	70				168	9		TBCP40	02	TB198N	01	1	TDD	MN		34A		
01809		XA534	73		XA533	64				168	9		SPI023	05	TB198P	01	1	TDD	MP		36B		
03604		XA534	74										TB198Q	02	TB198Q	00	1	TDD	MQ		35B		
01873		XA534	75		XA533	75				168	9		SPI025	07	TB188P	01	1	TDD	LP		37B		
08176		XA534	76									M	TB188P	01	TB188P	00	1	TDD	LP		37A		
CONNECTOR		XA534	CONTINUED ON THE NEXT PAGE ****																				

RECORD NUMBER	FROM				TO				WIRE				SIGNAL	SEQ 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											
04190		XA534	77			XA529	49						TD188Q	01	TB188J	01	1	TDD	LI		38B		
03602		XA534	78										TB188Q	02	TB188Q	00	1	TDD	LQ		38A		
03460		XA534	79			XA534	72						TBCP40	01	TB188N	01	1	TDD	LN		39B		
01848		XA534	80			XA535	80						SPIO24	19	TB188Q	01	1	TDD	LQ		39A		
03469		XA535	01										TBCP50	05	TB218N	01	1	TDD	BN		02B		
01064		XA535	02										GND	01				TDD			01B		
01433		XA535	03			XA535	17			168	9		SPI008	08	TB218Q	01	1	TDD	BQ		02A		
01822		XA535	04			XA442	71			168	9		SPIO23	18	TB218P	01	1	TDD	BP		04A		
04196		XA535	05			XA529	55			168	9		TD218Q	01	TB218I	01	1	TDD	BI		03B		
01887		XA535	06			XA544	47			168	9		SPIO25	21	TB208P	01	1	TDD	AP		05A		
03608		XA535	07										TB218Q	02	TB218Q	00	1	TDD	BQ		03A		
04194		XA535	08			XA529	61			168	9		TD208Q	01	TB208I	01	1	TDD	AI		06A		
08179		XA535	09									M	TB218P	01	TB218P	00	1	TDD	BP		04B		
03468		XA535	10			XA535	01			168	9		TBCP50	04	TB208N	01	1	TDD	AN		07A		
08178		XA535	11									M	TB208P	01	TB208P	00	1	TDD	AP		05B		
00223		XA535	12										+5V	01				TDD					
03606		XA535	13										TB208Q	02	TB208Q	00	1	TDD	AQ		06B		
03467		XA535	14			XA535	10			168	9		TBCP50	03	TB238N	01	1	TDD	DN		09A		
01834		XA535	15			XA534	15			168	9		SPIO24	05	TB208Q	01	1	TDD	AQ		07B		
01065		XA535	16										GND	01				TDD			20B		
01434		XA535	17			XA534	17			168	9		SPI008	09	TB238Q	01	1	TDD	DQ		08B		
04200		XA535	18			XA529	74			168	9		TD238Q	01	TB238I	01	1	TDD	DI		10A		
03612		XA535	19										TB238Q	02	TB238Q	00	1	TDD	DO		09B		BUFFER REG BIT 23
01819		XA535	20			XA534	20			168	9		SPIO23	15	TB238P	01	1	TDD	DP		11A		
08181		XA535	21									M	TB238P	01	TB238P	00	1	TDD	DP		10B		
01884		XA535	22			XA534	22			168	9		SPIO25	18	TB228P	01	1	TDD	CP		12A		
08180		XA535	23									M	TB228P	01	TB228P	00	1	TDD	CP		11B		
04198		XA535	24			XA529	78			168	9		TD228Q	01	TB228I	01	1	TDD	CI		13A		
03610		XA535	25										TB228Q	02	TB228Q	00	1	TDD	CO		12B		
03466		XA535	26			XA535	14			168	9		TBCP50	02	TB228N	01	1	TDD	CN		14A		
01837		XA535	27			XA535	39			168	9		SPIO24	08	TB228Q	01	1	TDD	CO		13B		
00224		XA535	28										+5V	01				TDD					
01438		XA535	29			XA535	41			168	9		SPI008	13	TB258Q	01	1	TDD	FQ		14B		
03474		XA535	30										TBCP60	05	TB258N	01	1	TDD	FN		15A		
03616		XA535	31										TB258Q	02	TB258Q	00	1	TDD	FO		15B		
01066		XA535	32										GND	01				TDD			21B		
08183		XA535	33									M	TB258P	01	TB258P	00	1	TDD	FP		16B		
04204		XA535	34			XA530	07			168	9		TD258Q	01	TB258I	01	1	TDD	FI		16A		
08182		XA535	35									M	TB248P	01	TB248P	00	1	TDD	EP		17B		
01818		XA535	36			XA535	20			168	9		SPIO23	14	TB258P	01	1	TDD	EP		17A		
03614		XA535	37										TB248Q	02	TB248Q	00	1	TDD	EQ		18B		BUFFER REG BIT 24
01883		XA535	38			XA535	22			168	9		SPIO25	17	TB248P	01	1	TDD	EP		18A		
01838		XA535	39			XA534	39			168	9		SPIO24	09	TB248Q	01	1	TDD	EQ		19B		
04202		XA535	40			XA530	13			168	9		TD248Q	01	TB248I	01	1	TDD	FI		19A		
01439		XA535	41			XA534	41			168	9		SPI008	14	TB278Q	01	1	TDD	HQ		22B		
03473		XA535	42			XA535	30			168	9		TBCP60	04	TB248N	01	1	TDD	FN		20A		
03620		XA535	43										TB278Q	02	TB278Q	00	1	TDD	HO		23B		
01067		XA535	44										GND	01				TDD			27A		
CONNECTOR		XA535	CONTINUED ON THE NEXT PAGE ****																				

RECORD NUMBER	FROM				TO				WIRE				SIGNAL	SEQ NO	EQUATION	TERM	FACTOR	CKT OR CHIP TYPE	GROUP	LOAD OR POWER PLANE	TEST POINTS AND/OR	SIGNAL DESCRIPTION	ECO NO
	PREFIX	CONNECTOR	PIN	U/A	PREFIX	CONNECTOR	PIN	U/A	MULTI GROUP	CODE	COLOR	IDEN.											
08185		XA535	45										M	TB278P	01	TB278P	00	1	TDD	HP	24B		
03472		XA535	46		XA535	42			168	9				TBCP60	03	TB278N	01	1	TDD	HN	21A		
08184		XA535	47										M	TB268P	01	TB268P	00	1	TDD	GP	25B		
04208		XA535	48		XA530	19			168	9				TD278Q	01	TB278I	01	1	TDD	HT	22A		
03618		XA535	49											TB268Q	02	TB268Q	00	1	TDD	GQ	26B		
01813		XA535	50		XA534	50			168	9			SPI023	09	TB278P	01	1	TDD	HP	23A			
01843		XA535	51		XA535	63			168	9			SPI024	14	TB268Q	01	1	TDD	GQ	27B			
01878		XA535	52		XA534	52			168	9			SPI025	12	TB268P	01	1	TDD	GP	24A			
01444		XA535	53		XA535	65			168	9			SPI008	19	TB295Q	01	1	TDD	KQ	28B			
04206		XA535	54		XA530	25			168	9			TD268Q	01	TB268I	01	1	TDD	GI	25A			
03624		XA535	55											TB298Q	02	TB298Q	00	1	TDD	KQ	29B		
03471		XA535	56		XA535	46			168	9			TBCP60	02	TB268N	01	1	TDD	GN	26A			
08187		XA535	57									M	TB298P	01	TB298P	00	1	TDD	KP	30B			
01068		XA535	58										GND	01					TDD		40A		
08186		XA535	59									M	TB288P	01	TB288P	00	1	TDD	JP	31B			
03478		XA535	60		XA519	51			168	9			TBCP70	04	TB298N	01	1	TDD	KN	28A			
03622		XA535	61											TB288Q	02	TB288Q	00	1	TDD	JO	32B		
04212		XA535	62		XA530	31			168	9			TD298Q	01	TB298I	01	1	TDD	KI	29A			
01844		XA535	63		XA534	63			168	9			SPI024	15	TB288Q	01	1	TDD	JO	33B			
01812		XA535	64		XA535	50			168	9			SPI023	08	TB298P	01	1	TDD	KP	30A			
01445		XA535	65		XA534	65			168	9			SPI008	20	TB318C	01	1	TDD	MQ	34B			
01877		XA535	66		XA535	52			168	9			SPI025	11	TB288P	01	1	TDD	JP	31A			
01069		XA535	67										GND	01					TDD		40B		
04210		XA535	68		XA530	37			168	9			TD288Q	01	TB288I	01	1	TDD	JJ	32A			
08189		XA535	69									M	TB318P	01	TB318P	00	1	TDD	MP	35A			
03477		XA535	70		XA535	60			168	9			TBCP70	03	TB288N	01	1	TDD	JN	33A			
04216		XA535	71		XA530	43			168	9			TD318Q	01	TB318I	01	1	TDD	MI	36A			
03476		XA535	72		XA535	70			168	9			TBCP70	02	TB318N	01	1	TDD	MN	34A			
01808		XA535	73		XA534	73			168	9			SPI023	04	TB318P	01	1	TDD	MP	36B			
03628		XA535	74										TB318Q	02	TB318Q	00	1	TDD	MQ	35B	BUFFER REG BIT 31		
01872		XA535	75		XA534	75			168	9			SPI025	06	TB308P	01	1	TDD	LP	37B			
08188		XA535	76									M	TB308P	01	TB308P	00	1	TDD	LP	37A			
04214		XA535	77		XA530	49			168	9			TD308Q	01	TB308I	01	1	TDD	LI	38B			
03626		XA535	78										TB308Q	02	TB308Q	00	1	TDD	LQ	38A			
03475		XA535	79		XA535	72			168	9			TBCP70	01	TB308N	01	1	TDD	LN	39B			
01849		XA535	80		XA541	03			168	9			SPI024	20	TB308Q	01	1	TDD	LQ	39A			
05499		XA536	01										TR01CA	02	TR01CA	00	1	TQ2	A2		02B		
01070		XA536	02										GND	01					TQ2		01A		
06263		XA536	03		XA537	03			168	9			TT02BQ	05	TR02CA	01	1	TQ2	A3		02A		
06252		XA536	04		XA536	34			168	9			TT01BQ	03	TR01CA	01	1	TQ2	A2		04A		
05346		XA536	05		XA536	07			168	9			TRTD00	02	TR01CA	01	2	TQ2	A2		03B		
05494		XA536	06										TR00CA	02	TR00CA	00	1	TQ2	A1		05A		
05347		XA536	07		XA536	13			168	9			TRTD00	03	TR02CA	01	2	TQ2	A3		03A		
06243		XA536	08		XA536	40			168	9			TT00BQ	03	TR00CA	01	1	TQ2	A1		06A		
05504		XA536	09										TR02CA	02	TR02CA	00	1	TQ2	A3		04B		
05345		XA536	10		XA536	05			168	9			TRTD00	01	TR00CA	01	2	TQ2	A1		07A		
06270		XA536	11		XA536	35			168	9			TT03BQ	03	TR03CA	01	1	TQ2	A4		05B		
00225		XA536	12										+5V	01					TQ2				
CONNECTOR XA536 CONTINUED ON THE NEXT PAGE ***																							

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									SPC INET WIRE	AND		
05348		XA536	13			XA536	19						TRTD00	04	TR03CA	01	2	TQ2	A4		06B			
05519		XA536	14										TR05CA	02	TR05CA	00	1	TQ2	B2			09A		
05509		XA536	15										TR03CA	02	TR03CA	00	1	TQ2	A4			07B		
01071		XA536	16										GND	01				TQ2				01B		
06297		XA536	17			XA536	41						TT06BQ	03	TR06CA	01	1	TQ2	B3			08B		
06288		XA536	18			XA536	48						TT05BQ	03	TR05CA	01	1	TQ2	B2			10A		
05349		XA536	19			XA536	20						TRTD00	05	TR06CA	01	2	TQ2	B3			09B		
05350		XA536	20			XA536	26						TRTD00	06	TR05CA	01	2	TQ2	B2			11A		
05524		XA536	21										TR06CA	02	TR06CA	00	1	TQ2	B3			10B		
05514		XA536	22										TR04CA	02	TR04CA	00	1	TQ2	B1			12A		
06306		XA536	23			XA536	47						TT07BQ	03	TR07CA	01	1	TQ2	B4			11B		
06281		XA536	24			XA537	24						TT04BQ	05	TR04CA	01	1	TQ2	B1			13A		
05352		XA536	25			XA505	69						TRTD00	08	TR07CA	01	2	TQ2	B4			12B		
05351		XA536	26			XA536	25						TRTD00	07	TR04CA	01	2	TQ2	B1			14A		
05529		XA536	27										TR07CA	02	TR07CA	00	1	TQ2	B4			13B		
00226		XA536	28										+5V	01				TQ2						
06262		XA536	29			XA536	03						TT02BQ	04	TR10CA	01	1	TQ2	C3			14B		
05539		XA536	30										TR09CA	02	TR09CA	00	1	TQ2	C2			15A		
05363		XA536	31			XA412	60						TRTD10	08	TR10CA	01	2	TQ2	C3			15B		
01072		XA536	32										GND	01				TQ2				20B		
05544		XA536	33										TR10CA	02	TR10CA	00	1	TQ2	C3			16B		
06253		XA536	34			XA537	34						TT01BQ	04	TR09CA	01	1	TQ2	C2			16A		
06271		XA536	35			XA537	35						TT03BQ	04	TR11CA	01	1	TQ2	C4			17B		
05362		XA536	36			XA536	31						TRTD10	07	TR09CA	01	2	TQ2	C2			17A		
05361		XA536	37			XA536	36						TRTD10	06	TR11CA	01	2	TQ2	C4			18B		
05534		XA536	38										TR08CA	02	TR08CA	01	1	TQ2	C1			18A		
05549		XA536	39										TR11CA	02	TR11CA	00	1	TQ2	C4			19B		
06244		XA536	40			XA537	40						TT00BQ	04	TR08CA	01	1	TQ2	C1			19A		
06298		XA536	41			XA537	41						TT06BQ	04	TR14CA	01	1	TQ2	D3			22B		
05359		XA536	42			XA536	43						TRTD10	04	TR08CA	01	2	TQ2	C1			20A		
05360		XA536	43			XA536	37						TRTD10	05	TR14CA	01	2	TQ2	D3			23B		
01073		XA536	44										GND	01				TQ2				21B		
05564		XA536	45										TR14CA	02	TR14CA	00	1	TQ2	D3			24B		
05559		XA536	46										TR13CA	02	TR13CA	00	1	TQ2	D2			21A		
06307		XA536	47			XA537	47						TT07BQ	04	TR15CA	01	1	TQ2	D4			25B		
06289		XA536	48			XA537	48						TT05BQ	04	TR13CA	01	1	TQ2	D2			22A		
05357		XA536	49			XA536	50						TRTD10	02	TR15CA	01	2	TQ2	D4			26B		
05358		XA536	50			XA536	42						TRTD10	03	TR13CA	01	2	TQ2	D2			23A		
05569		XA536	51										TR15CA	02	TR15CA	00	1	TQ2	D4			27B		
05554		XA536	52										TR12CA	02	TR12CA	00	1	TQ2	D1			24A		
06202		XA536	53			XA542	08						TTS390	02	TRW39A	01	1	TQ2	E3			28B		
06280		XA536	54			XA536	24						TT04BQ	04	TR12CA	01	1	TQ2	D1			25A		
05199		XA536	55			XA536	61						TREW20	03	TRW39A	01	2	TQ2	E3			29B		
05356		XA536	56			XA536	49						TRTD10	01	TR12CA	01	2	TQ2	D1			26A		
05476		XA536	57			XA537	53						TRW39A	01	TRW39A	00	1	TQ2	E3			30B		
01074		XA536	58										GND	01				TQ2				27A		
06230		XA536	59			XA542	05						TTS490	02	TRW49A	01	1	TQ2	E4			31B		
05466		XA536	60			XA537	62						TRW29A	01	TRW29A	00	1	TQ2	E2			28A		
05200		XA536	61			XA536	64						TREW20	04	TRW49A	01	2	TQ2	E4			32B		
06174		XA536	62			XA541	05						TTS290	02	TRW29A	01	1	TQ2	E2			29A		
CONNECTOR XA536 CONTINUED ON THE NEXT PAGE ***																								

RECORD NUMBER	FROM				TO				WIRE				SIGNAL	SEQ NO	EQUATION	TERM	FACTOR	CKT OR CHIP TYPE	GROUP	LOAD OR POWER PLANE	TEST POINTS AND/OR	SIGNAL DESCRIPTION	ECO NO
	PREFIX	CONNECTOR	PIN	PC NO	PREFIX	CONNECTOR	PIN	PC NO	MULTI GROUP	CODE	COLOR	IDENT											
05486		XA536	63		XA537	59				168	9		TRW49A	01	TRW49A	00	1	TQ2	E4		33B		
05201		XA536	64		XA536	70				168	9		TREW20	05	TRW29A	01	2	TQ2	F2		30A		
07504		XA536	65		XA528	68				168	9		TXROCS	02	TTS39A	01	1	TQ2	F3		34B		
05456		XA536	66		XA537	68				168	9		TRW19A	01	TRW19A	00	1	TQ2	E1		31A		
01075		XA536	67										GND	01				TQ2			40A		
06146		XA536	68		XA541	08				168	9		TTS190	02	TRW19A	01	1	TQ2	E1		32A		
06199		XA536	69		XA537	65				168	9		TTS39A	01	TTS39A	00	1	TQ2	F3		35A		
05202		XA536	70										TREW20	06	TRW19A	01	2	TQ2	E1		33A		
07501		XA536	71		XA536	77				168	9		TXROCR	05	TTS29A	01	1	TQ2	F2		36A		
06171		XA536	72		XA537	71				168	9		TTS29A	01	TTS29A	00	1	TQ2	F2		34A		
07562		XA536	73		XA528	62				168	9		TXR1CS	02	TTS29A	01	2	TQ2	F2		36B		
07559		XA536	74		XA536	79				168	9		TXR1CR	06	TTS39A	01	2	TQ2	F3		35B		
06143		XA536	75		XA537	77				168	9		TTS19A	01	TTS19A	00	1	TQ2	F1		37B		
07503		XA536	76		XA536	65				168	9		TXROCS	01	TTS49A	01	1	TQ2	F4		37A		
07502		XA536	77										TXROCR	06	TTS19A	01	1	TQ2	F1		38B		
07561		XA536	78		XA536	73				168	9		TXR1CS	01	TTS49A	01	2	TQ2	F4		38A		
07560		XA536	79										TXR1CR	07	TTS19A	01	2	TQ2	F1		39B		
06227		XA536	80		XA537	76				168	9		TTS49A	01	TTS49A	00	1	TQ2	F4		39A		
05579		XA537	01										TR17CA	02	TR17CA	00	1	TQ2	A2		02B		
01076		XA537	02										GND	01				TQ2			01A		
06264		XA537	03		XA438	75				168	9		TT02B0	06	TR18CA	01	1	TQ2	A3		02A		
06251		XA537	04		XA536	04				168	9		TT01B0	02	TR17CA	01	1	TQ2	A2		04A		
05374		XA537	05		XA412	57				168	9		TRTD20	08	TR17CA	01	2	TQ2	A2		03B		
05574		XA537	06										TR16CA	02	TR16CA	00	1	TQ2	A1		05A		
05373		XA537	07		XA537	05				168	9		TRTD20	07	TR18CA	01	2	TQ2	A3		03A		
06242		XA537	08		XA536	08				168	9		TT00B0	02	TR16CA	01	1	TQ2	A1		06A		
05584		XA537	09										TR18CA	02	TR18CA	00	1	TQ2	A3		04B		
05372		XA537	10		XA537	07				168	9		TRTD20	06	TR16CA	01	2	TQ2	A1		07A		
06269		XA537	11		XA536	11				168	9		TT03B0	02	TR19CA	01	1	TQ2	A4		05B		
00227		XA537	12										+5V	01				TQ2					
05371		XA537	13		XA537	10				168	9		TRTD20	05	TR19CA	01	2	TQ2	A4		06B		
05599		XA537	14										TR21CA	02	TR21CA	00	1	TQ2	B2		09A		
05589		XA537	15										TR19CA	02	TR19CA	00	1	TQ2	A4		07B		
01077		XA537	16										GND	01				TQ2			01B		
06296		XA537	17		XA536	17				168	9		TT06B0	02	TR22CA	01	1	TQ2	B3		08B		
06287		XA537	18		XA536	18				168	9		TT05B0	02	TR21CA	01	1	TQ2	B2		10A		
05370		XA537	19		XA537	13				168	9		TRTD20	04	TR22CA	01	2	TQ2	B3		09B		
05369		XA537	20		XA537	19				168	9		TRTD20	03	TR21CA	01	2	TQ2	B2		11A		
05603		XA537	21		XA529	80				168	9		TR22CA	01	TR22CA	00	1	TQ2	B3		10B		
05594		XA537	22										TR20CA	02	TR20CA	00	1	TQ2	B1		12A		
06305		XA537	23		XA536	23				168	9		TT07B0	02	TR23CA	01	1	TQ2	B4		11B		
06282		XA537	24		XA438	76				168	9		TT04B0	06	TR20CA	01	1	TQ2	B1		13A		
05367		XA537	25		XA537	26				168	9		TRTD20	01	TR23CA	01	2	TQ2	B4		12B		
05368		XA537	26		XA537	20				168	9		TRTD20	02	TR20CA	01	2	TQ2	B1		14A		
05609		XA537	27										TR23CA	02	TR23CA	00	1	TQ2	B4		13B		
00228		XA537	28										+5V	01				TQ2					
06261		XA537	29		XA536	29				168	9		TT02B0	03	TR26CA	01	1	TQ2	C3		14B		
05619		XA537	30										TR25CA	02	TR25CA	00	1	TQ2	C2		15A		
CONNECTOR		XA537	CONTINUED ON THE NEXT PAGE ****																				

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	PIN	PREFIX	CONNECTOR	PIN	PIN	MULTI GROUP	CODE	COLOR	IDENT												
05385		XA537	31		XA412	63				16B	9		TRTD30	08	TR26CA	01	2	TQ2	C3		15B			
01078		XA537	32										GND	01				TQ2				20B		
05623		XA537	33		XA530	27				16B	9		TR26CA	01	TR26CA	00	1	TQ2	C3			16B		
06254		XA537	34		XA541	30				16B	9		TT01BQ	05	TR25CA	01	1	TQ2	C2			16A		
06272		XA537	35		XA542	43				16B	9		TT03BQ	05	TR27CA	01	1	TQ2	C4			17B		
05383		XA537	36		XA537	37				16B	9		TRTD30	06	TR25CA	01	2	TQ2	C2			17A		
05384		XA537	37		XA537	31				16B	9		TRTD30	07	TR27CA	01	2	TQ2	C4			18B		
05613		XA537	38		XA530	15				16B	9		TR24CA	01	TR24CA	00	1	TQ2	C1			18A		
05629		XA537	39										TR27CA	02	TR27CA	00	1	TQ2	C4			19B		
06245		XA537	40		XA541	42				16B	9		TT00BQ	05	TR24CA	01	1	TQ2	C1			19A		
06299		XA537	41		XA541	79				16B	9		TT06BQ	05	TR30CA	01	1	TQ2	D3			22B		
05382		XA537	42		XA537	36				16B	9		TRTD30	05	TR24CA	01	2	TQ2	C1			20A		
05381		XA537	43		XA537	42				16B	9		TRTD30	04	TR30CA	01	2	TQ2	D3			23B		
01079		XA537	44										GND	01				TQ2				23A		
05644		XA537	45										TR30CA	02	TR30CA	00	1	TQ2	D3			24B		
05638		XA537	46		XA530	29				16B	9		TR29CA	01	TR29CA	00	1	TQ2	D2			24A		
06308		XA537	47		XA541	72				16B	9		TT07BQ	05	TR31CA	01	1	TQ2	D4			25B		
06290		XA537	48		XA542	55				16B	9		TT05BQ	05	TR29CA	01	1	TQ2	D2			27A		
05380		XA537	49		XA537	43				16B	9		TRTD30	03	TR31CA	01	2	TQ2	D4			26B		
05379		XA537	50		XA537	49				16B	9		TRTD30	02	TR29CA	01	2	TQ2	D2			23A		
05648		XA537	51		XA530	41				16B	9		TR31CA	01	TR31CA	00	1	TQ2	D4			27B		
05633		XA537	52		XA530	39				16B	9		TR28CA	01	TR28CA	00	1	TQ2	D1			24A		
05477		XA537	53										TRW39A	02	TRW390	01	1	TQ2	E3			28B		
06279		XA537	54		XA536	54				16B	9		TT04BQ	03	TR28CA	01	1	TQ2	D1			25A		
05211		XA537	55										TREW3P	02	TRW390	01	2	TQ2	E3			29B		
05378		XA537	56		XA537	50				16B	9		TRTD30	01	TR28CA	01	2	TQ2	D1			26A		
05479		XA537	57										TRW390	02	TRW390	00	1	TQ2	E3			30B		
01080		XA537	58										GND	01				TQ2				27A		
05487		XA537	59										TRW49A	02	TRW490	01	1	TQ2	E4			31B		
05469		XA537	60										TRW290	02	TRW290	00	1	TQ2	E2			28A		
05221		XA537	61		XA416	76				16B	9		TREW4P	01	TRW490	01	2	TQ2	E4			32B		
05467		XA537	62										TRW29A	02	TRW290	01	1	TQ2	E2			29A		
05489		XA537	63										TRW490	02	TRW490	00	1	TQ2	E4			33B		
05194		XA537	64										TREW2P	02	TRW290	01	2	TQ2	E2			30A		
06200		XA537	65										TTS39A	02	TTS390	01	1	TQ2	F3			34B		
05459		XA537	66										TRW190	02	TRW190	00	1	TQ2	F1			31A		
01081		XA537	67										GND	01				TQ2				40A		
05457		XA537	68										TRW19A	02	TRW190	01	1	TQ2	F1			32A		
06201		XA537	69		XA536	53				16B	9		TTS390	01	TTS390	00	1	TQ2	F3			35A		
05184		XA537	70		XA425	11				16B	9		TREW1P	01	TRW190	01	2	TQ2	F1			33A		
06172		XA537	71										TTS29A	02	TTS290	01	1	TQ2	F2			36A		
06173		XA537	72		XA536	62				16B	9		TTS290	01	TTS290	00	1	TQ2	F2			34A		
01871		XA537	73		XA535	75				16B	9		SPI025	05	TTS290	01	2	TQ2	F2			36B		
01870		XA537	74		XA537	73				16B	9		SPI025	04	TTS390	01	2	TQ2	F3			35B		
06145		XA537	75		XA536	68				16B	9		TTS190	01	TTS190	00	1	TQ2	F1			37B		
06228		XA537	76										TTS49A	02	TTS490	01	1	TQ2	F4			37A		
06144		XA537	77										TTS19A	02	TTS190	01	1	TQ2	F1			38B		
01869		XA537	78		XA537	74				16B	9		SPIQ25	03	TTS490	01	2	TQ2	F4			38A		
01868		XA537	79		XA537	78				16B	9		SPI025	02	TTS190	01	2	TQ2	F1			39B		
06229		XA537	80		XA536	59				16B	9		TTS490	01	TTS490	00	1	TQ2	F4			39A		

RECORD NUMBER	FROM				TO				WIRE				SIGNAL	SEQ NO	EQUATION	TERM	FACTOR	CKT OR CHIP TYPE	GROUP	LOAD OF POWER PLANE	TEST POINTS AND/OR	SIGNAL DESCRIPTION	ECO NO
	PREFIX	CONNECTOR	PIN	PL	PREFIX	CONNECTOR	PIN	PL	MULTI GROUP	CODE	COLOR	IDENT											
03425		XA538	51										SPP	01									
01933		XA538	52										SPP	07									
01932		XA538	53										SPP	06									
01855		XA538	54										SPP	26									
03426		XA538	55										SPP	01									
01916		XA538	56										SPP	25									
01857		XA538	57										SPP	28									
01086		XA538	58										GND	01									
01910		XA538	59										SPP	19									
01854		XA538	60										SPP	25									
01931		XA538	61										SPP	05									
01915		XA538	62										SPP	24									
03427		XA538	63										SPP	01									
03428		XA538	64										SPP	01									
01930		XA538	65										SPP	04									
01914		XA538	66										SPP	23									
01087		XA538	67										GND	01									
01853		XA538	68										SPP	24									
01852		XA538	69										SPP	23									
01929		XA538	70										SPP	03									
01851		XA538	71										SPP	22									
01913		XA538	72										SPP	22									
03429		XA538	73										SPP	01									
03430		XA538	74										SPP	01									
01911		XA538	75										SPP	20									
01928		XA538	76										SPP	02									
01850		XA538	77										SPP	21									
01912		XA538	78										SPP	21									
01927		XA538	79										SPP	01									
03431		XA538	80										SPP	01									
07152		XA539	01		XA439	51			168	9			TXDVIB	07	TTASLN	01	1	TDD	BN		02B		
01088		XA539	02									GND	01								01B		
01902		XA539	03		XA539	17			168	9			SPI026	11	TTASLQ	01	1	TDD	BQ		02A		
05025		XA539	04		XA541	22			168	9			TRDCAB	13	TTASLP	01	1	TDD	BP		04A		
06072		XA539	05										TTAS10	11	TTASLI	01	1	TDD	BI		03B		
07379		XA539	06		XA439	59			168	9			TXRS0B	05	TXXRCP	01	1	TDD	AP		05A		
08334		XA539	07										TTASLQ	01	TTASLQ	00	1	TDD	BQ		03A	LOAD EOB COUNTER C	
07261		XA539	08										TXGN4A	11	TXXRCI	01	1	TDD	AI		06A		
06059		XA539	09		XA508	74			168	9			TTASLP	01	TTASLP	00	1	TDD	BP		04B		
07977		XA539	10										TXXR2P	03	TXXRCN	01	1	TDD	AN		07A		
08427		XA539	11										TXXRCP	01	TXXRCP	00	1	TDD	AP		05B		
00231		XA539	12										+5V	01									
07962		XA539	13										TXXRCQ	04	TXXRCQ	00	1	TDD	AQ		06B	REQUEST CONTROL F	
08083		XA539	14		XA435	26			168	9			T16M10	01	TXXC4N	01	1	TDD	DN		09A		
07957		XA539	15		XA428	09			168	9			TXXRCA	01	TXXRCQ	01	1	TDD	AQ		07B		
01089		XA539	16										GND	01								20B	
01903		XA539	17		XA540	53			168	9			SPI026	12	TXXC4Q	01	1	TDD	DO		08B		
07876		XA539	18		XA435	19			168	9			TXXC3Q	01	TXXC4T	01	1	TDD	DT		10A		
CONNECTOR	XA539	CONTINUED ON THE NEXT PAGE ****																					

UNIT ASSEMBLY NAME CARD CAGE ASSY, A, IFCU

CONNECTOR

FILE IDENT

T39C1FC6

DATE 09-03-82

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RECORD NUMBER	FROM				TO				WIRE				SIGNAL	SEQ NO	EQUATION	TERM	FACTOR	CKT OR CHIP TYPE	GROUP	LOAD OR POWER PLANE	TEST POINTS AND OR	SIGNAL DESCRIPTION	ECO NO	
	PREFIX	CONNECTOR	PIN	PL	PREFIX	CONNECTOR	PIN	PL	MULTI GROUP	CODE	COLOR	IDENT												SPC INST WIRE
07883		XA539	19										TXXC4Q	02	TXXC4Q	00	1	TDD	DQ		09B	INPUT STROBE COUNT		
07856		XA539	20										TXXCRO	08	TXXC4P	01	1	TDD	DP		11A			
07881		XA539	21										TXXC4P	04	TXXC4P	00	1	TDD	DP		10B			
06490		XA539	22		XA539	36			16B	9			SPIO31	01	UWLCPP	01	1	TDD	CP		12A		D01	
08337		XA539	23									M	UWLCPP	01	UWLCPP	00	1	TDD	CP		11B		D01	
06417		XA539	24		XA540	25			16B	9			UWLCPER	01	UWLCPI	01	1	TDD	CI		13A		D01	
06421		XA539	25										UWLCPO	03	UWLCPO	00	1	TDD	CO		12B		D01	
06476		XA539	26		XA539	30			16B	9			UWLK00	04	UWLCPN	01	1	TDD	CN		14A		D01	
06505		XA539	27		XA539	29			16B	9			UWLSOA	02	UWLCPO	01	1	TDD	CO		13B		D01	
00232		XA539	28										+5V	01				TDD						D01
06506		XA539	29		XA539	39			16B	9			UWLSOA	03	UWLC1Q	01	1	TDD	FQ		14B		D01	
06477		XA539	30		XA517	33			16B	9			UWLK00	05	UWLC1N	01	1	TDD	FN		15A		D01	
06433		XA539	31										UWLC1Q	03	UWLC1Q	00	1	TDD	FQ		15B		D01	
01090		XA539	32										GND	01				TDD			21B			D01
08339		XA539	33									M	UWLC1P	01	UWLC1P	00	1	TDD	FP		16B		D01	
06429		XA539	34		XA540	33			16B	9			UWLC1ER	01	UWLC1I	01	1	TDD	FI		14A		D01	
08338		XA539	35									M	UWLCOP	01	UWLCOP	00	1	TDD	EP		17B		D01	
06491		XA539	36		XA539	38			16B	9			SPIO31	02	UWLC1P	01	1	TDD	FP		17A		D01	
06427		XA539	37										UWLC0Q	03	UWLC0Q	00	1	TDD	EQ		18B		D01	
06492		XA539	38		XA539	50			16B	9			SPIO31	03	UWLCOP	01	1	TDD	EP		18A		D01	
06507		XA539	39		XA539	41			16B	9			UWLSOA	04	UWLC0Q	01	1	TDD	EQ		19B		D01	
06423		XA539	40		XA540	22			16B	9			UWLC0ER	01	UWLC0I	01	1	TDD	ET		19A		D01	
06408		XA539	41		XA539	51			16B	9			UWLSOA	05	UWLC3Q	01	1	TDD	HQ		22B		D01	
06475		XA539	42		XA539	26			16B	9			UWLK00	03	UWLC0N	01	1	TDD	FN		20A		D01	
06445		XA539	43										UWLC3Q	03	UWLC3Q	00	1	TDD	HQ		23B		D01	
01091		XA539	44										GND	01				TDD			27A			D01
08341		XA539	45									M	UWLC3P	01	UWLC3P	00	1	TDD	HP		24B		D01	
06474		XA539	46		XA539	42			16B	9			UWLK00	02	UWLC3N	01	1	TDD	HN		21A		D01	
08340		XA539	47									M	UWLC2P	01	UWLC2P	00	1	TDD	GP		25B		D01	
06441		XA539	48		XA540	42			16B	9			UWLC3ER	01	UWLC3I	01	1	TDD	HI		22A		D01	
06439		XA539	49										UWLC2Q	03	UWLC2Q	00	1	TDD	GQ		26B		D01	
06493		XA539	50		XA539	52			16B	9			SPIO31	04	UWLC3P	01	1	TDD	HP		23A		D01	
06509		XA539	51		XA539	53			16B	9			UWLSOA	06	UWLC2Q	01	1	TDD	GQ		27B		D01	
06494		XA539	52		XA539	64			16B	9			SPIO31	05	UWLC2P	01	1	TDD	GP		24A		D01	
06510		XA539	53		XA539	63			16B	9			UWLSOA	07	UWLC5Q	01	1	TDD	KQ		28B		D01	
06435		XA539	54		XA540	39			16B	9			UWLC2ER	01	UWLC2I	01	1	TDD	GI		25A		D01	
06457		XA539	55										UWLC5Q	03	UWLC5Q	00	1	TDD	KQ		29B		D01	
06473		XA539	56		XA539	46			16B	9			UWLK00	01	UWLC2N	01	1	TDD	GN		26A		D01	
08343		XA539	57									M	UWLC5P	01	UWLC5P	00	1	TDD	KP		30B		D01	
01092		XA539	58										GND	01				TDD			40A			D01
08342		XA539	59									M	UWLC4P	01	UWLC4P	00	1	TDD	JP		31B		D01	
06480		XA539	60		XA539	70			16B	9			UWLK10	02	UWLC5N	01	1	TDD	KN		28A		D01	
06451		XA539	61										UWLC4Q	03	UWLC4Q	00	1	TDD	JO		32B		D01	
06453		XA539	62		XA540	45			16B	9			UWLC5ER	01	UWLC5I	01	1	TDD	KT		29A		D01	
06511		XA539	63		XA539	65			16B	9			UWLSOA	08	UWLC4Q	01	1	TDD	JQ		33B		D01	
06502		XA539	64		XA539	66			16B	9			SPIO31	06	UWLC5P	01	1	TDD	KP		30A		D01	
06512		XA539	65		XA539	80			16B	9			UWLSOA	09	UWLC7Q	01	1	TDD	MQ		34B		D01	
06501		XA539	66		XA539	73			16B	9			SPIO31	07	UWLC4P	01	1	TDD	JP		31A		D01	
01093		XA539	67										GND	01				TDD			40B			D01
06447		XA539	68		XA540	36			16B	9			UWLC4ER	01	UWLC4I	01	1	TDD	JI		32A		D01	
CONNECTOR		XA539	CONTINUED ON THE NEXT PAGE ****																					

RECORD NUMBER	FROM				TO				WIRE				SIGNAL	SEQ NO	EQUATION	TERM FACTOR	CKT OR CHIP TYPE	GROUP	LOAD OR POWER PLANE	TEST POINTS		SIGNAL DESCRIPTION	ECO NO
	PREFIX	CONNECTOR	PIN	PIN	PREFIX	CONNECTOR	PIN	PIN	MULTI GROUP	CODE	COLOR	IDENT								AND	OR		
08345		XA539	69										M	UWLC7P	01	UWLC7P	00	1	TDD	MP	35A		D01
06481		XA539	70		XA539	72			168	9				UWLC10	03	UWLC4N	01	1	TDD	JN	33A		D01
06465		XA539	71		XA540	56			168	9				UWLC7ER	01	UWLC7I	01	1	TDD	MI	34A		D01
06482		XA539	72		XA539	79			168	9				UWLC10	04	UWLC7N	01	1	TDD	MN	34A		D01
06500		XA539	73		XA539	75			168	9				SPI031	08	UWLC7P	01	1	TDD	MP	36B		D01
06469		XA539	74											UWLC7Q	03	UWLC7Q	00	1	TDD	MQ	35B		D01
06499		XA539	75		XA522	76			168	9				SPI031	09	UWLC6P	01	1	TDD	LP	37B		E03
08344		XA539	76											UWLC6P	01	UWLC6P	00	1	TDD	LP	37A		D01
06459		XA539	77		XA540	51			168	9				UWLC6ER	01	UWLC6I	01	1	TDD	LI	38B		D01
06463		XA539	78											UWLC6Q	03	UWLC6Q	00	1	TDD	LQ	38A		D01
06483		XA539	79											UWLC10	05	UWLC6N	01	1	TDD	LN	39B		D01
06513		XA539	80											UWLSOA	10	UWLC6Q	01	1	TDD	LQ	39A		D01
01901		XA540	01		XA540	04			168	9				TXDEV	03	TEB49ER	01	2	EOR	A1	02B		B08
01094		XA540	02											GND	01				EOR				
04228		XA540	03											TEB4BQ	03	TEB49ER	01	1	EOR	A1	03B		B08
01898		XA540	04		XA540	10			168	9				TXDEV	04	TEB39ER	01	2	EOR	A4	02A		E01
04243		XA540	05		XA435	68			168	9				TEB49ER	01	TEB49ER	00	1	EOR	A1	04B		B08
04277		XA540	06		XA434	70			168	9				TEB3BQ	01	TEB39ER	01	1	EOR	A4	03A		
01900		XA540	07		XA540	70			168	9				TXDEV	06	TEB19ER	01	2	EOR	A2	05B		E01
04288		XA540	08		XA436	48			168	9				TEB39ER	01	TEB39ER	00	1	EOR	A4	04A		
04247		XA540	09		XA436	56			168	9				TEB1BQ	01	TEB19ER	01	1	EOR	A2	06B		
01899		XA540	10		XA540	07			168	9				TXDEV	05	TEB29ER	01	2	EOR	A3	05A		E01
04258		XA540	11		XA435	48			168	9				TEB19ER	01	TEB19ER	00	1	EOR	A2	07B		
00233		XA540	12											+5V	01				EOR		08A		
04273		XA540	13		XA434	68			168	9				TEB29ER	01	TEB29ER	00	1	EOR	A3	07A		
04264		XA540	14											TEB2BQ	03	TEB29ER	01	1	EOR	A3	06A		
04075		XA540	15											TDIRIR	06	TDSC1ER	01	2	EOR	B1	08B		D01
01095		XA540	16											GND	01				EOR				
04088		XA540	17		XA541	25			168	9				TDTRSQ	03	TDSC1ER	01	1	EOR	B1	09B		
06426		XA540	18		XA539	37			168	9				UWLC0Q	02	UWLC0ER	01	2	EOR	B4	09A		D01
04150		XA540	19		XA407	35			168	9				TDSC1ER	01	TDSC1ER	00	1	EOR	B1	10B		
06737		XA540	20		XA438	31			168	9				TWOODTA	02	UWLC0ER	01	1	EOR	B4	10A		D01
05879		XA540	21		XA519	25			168	9				TSPNIR	02	TDSC2ER	01	2	EOR	B2	11B		
06424		XA540	22											UWLC0ER	02	UWLC0ER	00	1	EOR	B4	11A		D01
05893		XA540	23		XA542	25			168	9				TSPNSQ	04	TDSC2ER	01	1	EOR	B2	12B		
06420		XA540	24		XA539	25			168	9				UWLC0Q	02	UWLC0ER	01	2	EOR	B3	12A		D01
06418		XA540	25											UWLC0ER	02	UWLC0ER	00	1	EOR	B3	14A		D01
06801		XA540	26		XA438	42			168	9				TW07BPR	02	UWLC0ER	01	1	EOR	B3	13A		D01
04153		XA540	27											TDSC2ER	02	TDSC2ER	00	1	EOR	B2	13B		
00234		XA540	28											+5V	01				EOR		08A		
06432		XA540	29		XA539	31			168	9				UWLC1Q	02	UWLC1ER	01	2	EOR	C1	14B		D01
06450		XA540	30		XA539	61			168	9				UWLC4Q	02	UWLC4ER	01	2	EOR	C4	15A		D01
06743		XA540	31											TWOODTB	04	UWLC1ER	01	1	EOR	C1	15B		D01
01096		XA540	32											GND	01				EOR		27A		
06430		XA540	33											UWLC1ER	02	UWLC1ER	00	1	EOR	C1	16B		D01
06769		XA540	34		XA438	38			168	9				TW04DTA	02	UWLC4ER	01	1	EOR	C4	14A		D01
06438		XA540	35		XA539	49			168	9				UWLC2Q	02	UWLC2ER	01	2	EOR	C2	17B		D01
06448		XA540	36											UWLC4ER	02	UWLC4ER	00	1	EOR	C4	17A		D01
CONNECTOR	XA540	CONTINUED ON THE NEXT PAGE ***																					

H78-14 1862

DATA SYSTEMS DIVISION
LITTON SYSTEMS INC.
LITTON INDUSTRIES

DRAWING NUMBER 149016-880

UNIT ASSEMBLY NO. 149016

REV. E

INDEX

XA540

UNIT ASSEMBLY NAME CARD CAGE ASSY, A, IFCU

CONNECTOR

FILE IDENT

T39C1FC6

DATE 09-03-82

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RECORD NUMBER	FROM				TO				WIRE				SIGNAL	SEQ NO	EQUATION	TERMINATOR	FACTOR	CKT OR CHIP TYPE	GROUP	LOAD OR POWER PLANE	TEST POINTS		SIGNAL DESCRIPTION	FCO NO
	PREFIX	CONNECTOR	PIN	WIRE	PREFIX	CONNECTOR	PIN	WIRE	MULTI GROUP	CODE	COLOR	IDENT.									AND	OR		
06744		XA540	37										TW00DTC	01	UWLC2ER	01	1	EOR	C2	18B		D01		
06444		XA540	38		XA543	03				16B	9		UWLC3Q	02	UWLC3ER	01	2	EOR	C3	18A		D01		
06436		XA540	39		XA539	43				16B	9		UWLC2ER	02	UWLC2ER	00	1	EOR	C2	19B		D01		
06751		XA540	40										TW00DTD	04	UWLC3ER	01	1	EOR	C3	19A		D01		
06456		XA540	41		XA539	55				16B	9		UWLC5Q	02	UWLC5ER	01	2	EOR	D1	22B		D01		
06442		XA540	42										UWLC3ER	02	UWLC3ER	00	1	EOR	C3	20A		D01		
06775		XA540	43										TW04DTB	04	UWLC5ER	01	1	EOR	D1	23B		D01		
01097		XA540	44										GND	01				EOR		40B				
06454		XA540	45										UWLC5ER	02	UWLC5ER	00	1	EOR	D1	24B		D01		
01894		XA540	46		XA541	38				16B	9		SPI026	03	TLRCPER	01	2	EOR	D4	21A				
06462		XA540	47		XA539	78				16B	9		UWLC6Q	02	UWLC6ER	01	2	EOR	D2	25B		D01		
04710		XA540	48		XA541	19				16B	9		TLRCPO	01	TLRCPER	01	1	EOR	D4	22A				
06776		XA540	49		XA543	17				16B	9		TW04DTC	01	UWLC6ER	01	1	EOR	D2	26B		D01		
04709		XA540	50										TLRCPER	02	TLRCPER	00	1	EOR	D4	23A				
06460		XA540	51										UWLC6ER	02	UWLC6ER	00	1	EOR	D2	27B		D01		
06468		XA540	52		XA539	74				16B	9		UWLC7Q	02	UWLC7ER	01	2	EOR	D3	24A		D01		
01917		XA540	53		XA540	57				16B	9		SPI026	26	TLRC0ER	01	2	EOR	E1	28B				
06783		XA540	54										TW04DTD	04	UWLC7ER	01	1	EOR	D3	25A		D01		
04730		XA540	55		XA541	37				16B	9		TLRC0Q	02	TLRC0ER	01	1	EOR	E1	29B				
06466		XA540	56										UWLC7ER	00	UWLC7ER	00	1	EOR	D3	26A		D01		
01918		XA540	57		XA540	61				16B	9		SPI026	27	TLRC3ER	01	2	EOR	E4	28A				
01098		XA540	58										GND	01				EOR						
04727		XA540	59		XA541	40				16B	9		TLRC0ER	01	TLRC0ER	00	1	EOR	E1	30B				
04744		XA540	60		XA541	43				16B	9		TLRC3Q	01	TLRC3ER	01	1	EOR	E4	29A				
01919		XA540	61		XA540	64				16B	9		SPI026	28	TLRC1ER	01	2	EOR	E2	31B				
04743		XA540	62										TLRC3ER	02	TLRC3ER	00	1	EOR	E4	30A				
04735		XA540	63		XA541	31				16B	9		TLRC1Q	02	TLRC1ER	01	1	EOR	E2	32B				
01920		XA540	64		XA541	66				16B	9		SPI026	29	TLRC2ER	01	2	EOR	E3	31A				
04733		XA540	65										TLRC1ER	02	TLRC1ER	00	1	EOR	E2	33B				
04739		XA540	66		XA541	49				16B	9		TLRC2Q	01	TLRC2ER	01	1	EOR	E3	32A				
01099		XA540	67										GND	01				EOR						
04738		XA540	68										TLRC2ER	02	TLRC2ER	00	1	EOR	E3	33A				
01923		XA540	69		XA540	75				16B	9		SPI026	32	TLRC4ER	01	2	EOR	F1	34B				
01922		XA540	70										TX0EVR	07	TEB09ER	01	2	EOR	F4	34A		E01		
04749		XA540	71		XA541	61				16B	9		TLRC4Q	01	TLRC4ER	01	1	EOR	F1	35B				
04765		XA540	72										TEB0BQ	02	TEB09ER	01	1	EOR	F4	35A		E01		
04748		XA540	73										TLRC4ER	02	TLRC4ER	00	1	EOR	F1	36B				
04763		XA540	74										TEB09ER	02	TEB09ER	00	1	EOR	F4	36A				
01924		XA540	75		XA540	76				16B	9		SPI026	33	TLRC5ER	01	2	EOR	F2	37B				
01925		XA540	76		XA541	75				16B	9		SPI026	34	TLRC6ER	01	2	EOR	F3	37A				
04754		XA540	77		XA541	55				16B	9		TLRC5Q	01	TLRC5ER	01	1	EOR	F2	38B				
04760		XA540	78		XA541	78				16B	9		TLRC6Q	02	TLRC6ER	01	1	EOR	F3	38A				
04753		XA540	79										TLRC5ER	02	TLRC5ER	00	1	EOR	F2	39B				
04758		XA540	80										TLRC6ER	02	TLRC6ER	00	1	EOR	F3	39A				
07151		XA541	01		XA539	01				16B	9		TX0V1B	06	TTS2BN	01	1	TDD	BN	02B				
01100		XA541	02										GND	01				TDD		01B				
01865		XA541	03		XA544	48				16B	9		SPI024	36	TTS2BQ	01	1	TDD	BQ	02A				
07377		XA541	04		XA541	06				16B	9		TXRS0B	03	TTS2BP	01	1	TDD	BP	04A				
CONNECTOR		XA541	CONTINUED ON THE NEXT PAGE ***																					

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	FIN	PREFIX	CONNECTOR	FIN	MULTI GROUP	CODE	COLOR	IDENT									AND	OR		
06175		XA541	05									TTS290	03	TTS2B1	01	1	TDD	BI		03B		
07378		XA541	06		XA539	06		16B	9			TXRSQB	04	TTS1BP	01	1	TDD	AP		05A		
06150		XA541	07		XA408	23		16B	9			TTS2B0	01	TTS2B0	00	1	TDD	BQ		03A	TRANSPORT 2 SELECT	
06147		XA541	08									TTS190	03	TTS1B1	01	1	TDD	AI		06A		
06149		XA541	09									TTS2BP	02	TTS2BP	00	1	TDD	BP		04B		
07149		XA541	10		XA542	01		16B	9			TXDV1B	04	TTS1BN	01	1	TDD	AN		07A		
06124		XA541	11		XA408	17		16B	9			TTS1BP	01	TTS1BP	00	1	TDD	AP		05B		
00235		XA541	12									+5V	01				TDD					
06128		XA541	13									TTS1BQ	03	TTS1BQ	00	1	TDD	AQ		06B	TRANSPORT 1 SELECT	
06237		XA541	14		XA542	19		16B	9			TTOPBQ	01	TLRCPN	01	1	TDD	DN		09A		
01897		XA541	15		XA539	03		16B	9			SPT026	06	TTS1B0	01	1	TDD	AQ		07B		E01
01101		XA541	16									GND	01				TDD			20B		
04723		XA541	17		XA517	38		16B	9			TLRCSA	09	TLRCPQ	01	1	TDD	DQ		08B		
04708		XA541	18		XA540	50		16B	9			TLRCPER	01	TLRCP1	01	1	TDD	DI		10A		
04711		XA541	19		XA408	59		16B	9			TLRCPQ	02	TLRCPQ	00	1	TDD	DQ		09B	LRC REG BIT P	
01957		XA541	20		XA542	17		16B	9			SPI028	21	TLRCPQ	01	1	TDD	DP		11A		
08259		XA541	21							M		TLRCPQ	01	TLRCPQ	00	1	TDD	DP		10B		
05026		XA541	22		XA542	22		16B	9			TRDCAB	14	TDIRSP	01	1	TDD	CP		12A		
04083		XA541	23		XA505	04		16B	9			TDIRSP	01	TDIRSP	00	1	TDD	CP		11B		
07612		XA541	24		XA441	22		16B	9			TXR4CS	05	TDIRSI	01	1	TDD	CI		13A		
04089		XA541	25									TDIRSQ	04	TDIRSQ	00	1	TDD	CQ		12B	NEW DIRECTION F/F	
07146		XA541	26		XA542	26		16B	9			TXDV1B	01	TDIRSN	01	1	TDD	CN		14A		
01896		XA541	27		XA541	15		16B	9			SPI026	05	TDIRSQ	01	1	TDD	CO		13B		
00236		XA541	28									+5V	01				TDD					
04722		XA541	29		XA541	17		16B	9			TLRCSA	08	TLRC1Q	01	1	TDD	FQ		14B		
06255		XA541	30		XA542	31		16B	9			TTO1BQ	06	TLRC1N	01	1	TDD	FN		15A		
04736		XA541	31									TLRC1Q	03	TLRC1Q	00	1	TDD	FQ		15B	LRC REG BIT 1	
01102		XA541	32									GND	01				TDD			21B		
08261		XA541	33							M		TLRC1P	01	TLRC1P	00	1	TDD	FP		16B		
04732		XA541	34		XA540	65		16B	9			TLRC1P	01	TLRC1I	01	1	TDD	FI		16A		
08260		XA541	35							M		TLRCOP	01	TLRCOP	00	1	TDD	EP		17B		
01955		XA541	36		XA542	29		16B	9			SPI028	19	TLRC1P	01	1	TDD	EP		17A		
04731		XA541	37									TLRCOQ	03	TLRCOQ	00	1	TDD	EQ		18B	LRC REG BIT 0	
01895		XA541	38		XA541	27		16B	9			SPI026	04	TLRCOP	01	1	TDD	EP		18A		
04721		XA541	39		XA541	29		16B	9			TLRCSA	07	TLRCOQ	01	1	TDD	EQ		19B		
04728		XA541	40									TLRCOER	02	TLRCO1	01	1	TDD	ET		19A		
04720		XA541	41		XA541	39		16B	9			TLRCSA	06	TLRC3Q	01	1	TDD	HO		22B		
06246		XA541	42		XA542	37		16B	9			IT00BQ	06	TLRCOQ	01	1	TDD	EV		20A		
04745		XA541	43		XA507	49		16B	9			TLRC3Q	02	TLRC3Q	00	1	TDD	HO		23B	LRC REG BIT 3	
01103		XA541	44									GND	01				TDD			27A		
08263		XA541	45							M		TLRC3P	01	TLRC3P	00	1	TDD	HP		24B		
06274		XA541	46									TT03BQ	07	TLRC3N	01	1	TDD	HN		21A		
08262		XA541	47							M		TLRC2P	01	TLRC2P	00	1	TDD	GP		25B		
04742		XA541	48		XA540	62		16B	9			TLRC3ER	01	TLRC3I	01	1	TDD	HI		22A		
04740		XA541	49		XA507	48		16B	9			TLRC2Q	02	TLRC2Q	00	1	TDD	GQ		26B	LRC REG BIT 2	
01953		XA541	50		XA542	41		16B	9			SPI028	17	TLRC3P	01	1	TDD	HP		23A		
04719		XA541	51		XA541	41		16B	9			TLRCSA	05	TLRC2Q	01	1	TDD	GQ		27B		
01893		XA541	52		XA540	46		16B	9			SPI026	02	TLRC2P	01	1	TDD	GP		24A		
04718		XA541	53		XA541	51		16B	9			TLRCSA	04	TLRC50	01	1	TDD	KQ		28B		
04737		XA541	54		XA540	68		16B	9			TLRC2ER	01	TLRC2I	01	1	TDD	GI		25A		
CONNECTOR		XA541	CONTINUED ON THE NEXT PAGE ****																			

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			
04755		XA541	55										TLRC5Q	02	TLRC5Q	00	1	TDD	KQ		29B		LRC REG BIT 5		
06259		XA541	56		XA507	52			168	9			TT02BQ	01	TLRC2N	01	1	TDD	GN		24A				
08265		XA541	57		XA542	49			168	9			TLRC5P	01	TLRC5P	00	1	TDD	KP		30B				
01104		XA541	58										GND	01				TDD			40A				
08264		XA541	59										TLRC4P	01	TLRC4P	00	1	TDD	JP		31B				
06292		XA541	60										TT05BQ	07	TLRC5N	01	1	TDD	KN		28A				
04750		XA541	61		XA507	50			168	9			TLRC4Q	02	TLRC4Q	00	1	TDD	JO		32B		LRC REG BIT 4		
04752		XA541	62		XA540	79			168	9			TLRC5ER	01	TLRC5I	01	1	TDD	KI		29A				
04717		XA541	63		XA541	53			168	9			TLRCSA	03	TLRC4Q	01	1	TDD	JO		33B				
01950		XA541	64		XA541	73			168	9			SPIO28	14	TLRC5P	01	1	TDD	KP		30A				
04716		XA541	65		XA541	63			168	9			TLRCSA	02	TLRC7Q	01	1	TDD	MQ		34B				
01921		XA541	66		XA540	69			168	9			SPIO26	30	TLRC4P	01	1	TDD	JP		31A			F01	
01105		XA541	67										GND	01				TDD			40B				
04747		XA541	68		XA540	73			168	9			TLRC4ER	01	TLRC4I	01	1	TDD	JI		32A				
08267		XA541	69										TLRC7P	01	TLRC7P	00	1	TDD	MP		35A				
06277		XA541	70		XA542	61			168	9			TT04BQ	01	TLRC4N	01	1	TDD	JN		33A				
04762		XA541	71		XA428	52			168	9			TLRC70	01	TLRC7I	01	1	TDD	MI		36A			E01	
06309		XA541	72		XA542	74			168	9			TT07BQ	06	TLRC7N	01	1	TDD	MN		34A				
01951		XA541	73		XA542	53			168	9			SPIO28	15	TLRC7P	01	1	TDD	MP		36B				
04766		XA541	74		XA428	54			168	9			TLRC7Q	02	TLRC7Q	00	1	TDD	MQ		35B		LRC REG BIT 7	E01	
01926		XA541	75										SPIO26	35	TLRC6P	01	1	TDD	LP		37B			D01	
08266		XA541	76										TLRC6P	01	TLRC6P	00	1	TDD	LP		37A				
04757		XA541	77		XA540	80			168	9			TLRC6ER	01	TLRC6I	01	1	TDD	LI		38B				
04761		XA541	78										TLRC6Q	03	TLRC6Q	00	1	TDD	LQ		38A		LRC REG BIT 6		
06300		XA541	79		XA542	78			168	9			TT06BQ	06	TLRC6N	01	1	TDD	LN		39B				
04715		XA541	80		XA541	65			168	9			TLRCSA	01	TLRC6Q	01	1	TDD	LQ		39A				
07150		XA542	01		XA541	01			168	9			TXDV1B	05	TTS48N	01	1	TDD	BN		02B				
01106		XA542	02										GND	01				TDD			01B				
01959		XA542	03										SPIO28	23	TTS48Q	01	1	TDD	BQ		02A			D01	
07376		XA542	04		XA541	04			168	9			TXRS08	02	TTS48P	01	1	TDD	BP		04A				
06231		XA542	05										TTS490	03	TTS48I	01	1	TDD	BI		03B				
07375		XA542	06		XA542	04			168	9			TXRS08	01	TTS38P	01	1	TDD	AP		05A				
06206		XA542	07		XA408	35			168	9			TTS48Q	01	TTS48Q	00	1	TDD	BQ		03A		TRANSPORT 4 SELECT		
06203		XA542	08										TTS390	03	TTS39I	01	1	TDD	AI		06A				
06205		XA542	09										TTS48P	02	TTS48P	00	1	TDD	BP		04B				
07148		XA542	10		XA541	10			168	9			TXDV1B	03	TTS38N	01	1	TDD	AN		07A				
06176		XA542	11		XA408	29			168	9			TTS38P	01	TTS38P	00	1	TDD	AP		05B				
00237		XA542	12										+5V	01				TDD							
06180		XA542	13										TTS38Q	03	TTS38Q	00	1	TDD	AQ		06B		TRANSPORT 3 SELECT		
06077		XA542	14		XA517	22			168	9			ITCP00	05	TT0PBQ	01	1	TDD	DN		09A				
01962		XA542	15		XA542	39			168	9			SPIO29	03	TTS38Q	01	1	TDD	AQ		07B				
01107		XA542	16										GND	01				TDD			20B				
01958		XA542	17		XA542	03			168	9			SPIO28	22	TT0PBQ	01	1	TDD	DQ		08B				
04977		XA542	18		XA546	47			168	9			TROBPOX	01	TT0PBI	01	1	TDD	DI		10A				
06238		XA542	19										TT0PBQ	02	TT0PBQ	00	1	TDD	DQ		09B		READ REG BIT P		
06095		XA542	20		XA517	21			168	9			TTRSOA	05	TT0PBP	01	1	TDD	DP		11A				
06233		XA542	21		XA506	54			168	9			TT0PBP	02	TT0PBP	00	1	TDD	DP		10B				
05027		XA542	22										TROCAB	15	TSPNSP	01	1	TDD	CP		12A				
CONNECTOR		XA542	CONTINUED ON THE NEXT PAGE ****																						

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DATA SYSTEMS DIVISION
LITTON SYSTEMS INC.
LITTON INDUSTRIES

DRAWING NUMBER 149016-880

UNIT ASSEMBLY NO. 149016

REV. E

INDEX

XA542

UNIT ASSEMBLY NAME CARD CAGE ASSY, A, IFCU

CONNECTOR

FILE IDENT

T39C1FC6

DATE 09-03-82

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RECORD NUMBER	FROM				TO				WIRE				SIGNAL	SEQ NO	EQUATION	TERM	FACTOR	CKT OR CHIP TYPE	GROUP	LOAD OR POWER PLANE	TEST POINTS		SIGNAL DESCRIPTION	ECO NO
	PREFIX	CONNECTOR	PIN	PL	PREFIX	CONNECTOR	PIN	PL	MULTI GROUP	CODE	COLOR	IDENT									AND	OR		
05888		XA542	23		XA407	47			16B	9			TSPNSP	01	TSPNSP	00	1	TDD	CP		11B			
05207		XA542	24										TREW3A	02	TSPNSI	01	1	TDD	CT		13A			
05894		XA542	25										TSPNSQ	05	TSPNSQ	00	1	TDD	CO		12B	NEW SPEED		
07147		XA542	26		XA542	10			16B	9			TKDVIB	02	TSPNSN	01	1	TDD	CN		14A			
01964		XA542	27		XA543	31			16B	9			SPI029	05	TSPNSQ	01	1	TDD	CO		13B			
00238		XA542	28										+5V	01										
01956		XA542	29		XA541	20			16B	9			SPI028	20	TT01BQ	01	1	TDD	FQ		14B			
06076		XA542	30		XA542	14			16B	9			TTCP00	04	TT01BN	01	1	TDD	FN		15A			
06256		XA542	31										TT01BQ	07	TT01BQ	00	1	TDD	FQ		19B	READ REG BIT 1		
01108		XA542	32										GND	01							21B			
06249		XA542	33										TT01BP	02	TT01BP	00	1	TDD	FP		16B			
04987		XA542	34		XA546	15			16B	9			TR0BIOX	01	TT01BI	01	1	TDD	FI		16A			
06240		XA542	35										TT00BP	02	TT00BP	00	1	TDD	EP		17B			
06094		XA542	36		XA542	20			16B	9			TTRS0A	04	TT01BP	01	1	TDD	EP		17A			
06247		XA542	37										TT00BQ	07	TT00BQ	00	1	TDD	EQ		18B	READ REG BIT 0		
06093		XA542	38		XA542	36			16B	9			TTRS0A	03	TT00BP	01	1	TDD	EP		18A			
01963		XA542	39		XA542	27			16B	9			SPI029	04	TT00BQ	01	1	TDD	EQ		19B			
04983		XA542	40		XA546	09			16B	9			TR0B00X	01	TT00BI	01	1	TDD	FI		19A			
01954		XA542	41		XA541	36			16B	9			SPI028	18	TT03BQ	01	1	TDD	HO		22B			
06075		XA542	42		XA542	30			16B	9			TTCP00	03	TT00BN	01	1	TDD	FN		20A			
06273		XA542	43		XA541	46			16B	9			TT03BQ	06	TT03BQ	00	1	TDD	HO		23B	READ REG BIT 3		
01109		XA542	44										GND	01							27A			
06267		XA542	45										TT03BP	02	TT03BP	00	1	TDD	HP		24B			
06074		XA542	46		XA542	42			16B	9			TTCP00	02	TT03BN	01	1	TDD	HN		21A			
06258		XA542	47										TT02BP	02	TT02BP	00	1	TDD	GP		25B			
04995		XA542	48		XA546	03			16B	9			TR0B30X	01	TT02BI	01	1	TDD	HI		22A			
06260		XA542	49		XA537	29			16B	9			TT02BQ	02	TT02BQ	00	1	TDD	GO		26B	READ REG BIT 2		
06092		XA542	50		XA542	38			16B	9			TTRS0A	02	TT03BP	01	1	TDD	HP		23A			
01975		XA542	51		XA542	63			16B	9			SPI029	16	TT02BQ	01	1	TDD	GO		27B			
06091		XA542	52		XA542	50			16B	9			TTRS0A	01	TT02BP	01	1	TDD	GP		24A			
01952		XA542	53		XA541	50			16B	9			SPI028	16	TT05BQ	01	1	TDD	HO		28B			
04991		XA542	54		XA546	10			16B	9			TR0B20X	01	TT02BI	01	1	TDD	GI		25A			
06291		XA542	55		XA541	60			16B	9			TT05BQ	06	TT05BQ	00	1	TDD	KO		29B	READ REG BIT 5		
06073		XA542	56		XA542	46			16B	9			TTCP00	01	TT02BN	01	1	TDD	GN		26A			
06285		XA542	57										TT05BP	02	TT05BP	00	1	TDD	KP		30B			
01110		XA542	58										GND	01							40A			
06276		XA542	59										TT04BP	02	TT04BP	00	1	TDD	JP		31B			
06080		XA542	60		XA542	70			16B	9			TTCP10	02	TT05BN	01	1	TDD	KN		28A			
06278		XA542	61		XA537	54			16B	9			TT04BQ	02	TT04BQ	00	1	TDD	JO		32B	READ REG BIT 4		
05003		XA542	62		XA546	35			16B	9			TR0S50X	01	TT05BI	01	1	TDD	KI		29A			
01976		XA542	63		XA543	61			16B	9			SPI029	17	TT04BQ	01	1	TDD	JO		33B			
06103		XA542	64		XA517	27			16B	9			TTRS1A	04	TT05BP	01	1	TDD	KP		30A			
01949		XA542	65		XA541	64			16B	9			SPI028	13	TT07BQ	01	1	TDD	MO		34B			
06102		XA542	66		XA542	64			16B	9			TTRS1A	03	TT04BP	01	1	TDD	JP		31A			
01111		XA542	67										GND	01							40B			
04999		XA542	68		XA546	29			16B	9			TR0B40X	01	TT04BI	01	1	TDD	JT		32A			
06303		XA542	69										TT07BP	02	TT07BP	00	1	TDD	MP		35A			
06081		XA542	70		XA542	72			16B	9			TTCP10	03	TT04BN	01	1	TDD	JN		33A			
05011		XA542	71		XA546	30			16B	9			TR0B70X	01	TT07BI	01	1	TDD	MI		36A			
06082		XA542	72		XA542	79			16B	9			TTCP10	04	TT07BN	01	1	TDD	MN		36A			
CONNECTOR	XA542	CONTINUED ON THE NEXT PAGE										***												

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	IDEN.									AND	OR		
06101		XA542	73		XA542	66			168	9			TTRS1A	02	TT078P	01	1	TDD	MP		36B			
06310		XA542	74		XA542	66			168	9			TT078Q	07	TT078Q	00	1	TDD	MO		35B			
06100		XA542	75		XA542	73			168	9			TTRS1A	01	TT068P	01	1	TDD	LP		37B			
06294		XA542	76		XA542	73			168	9			TT068P	02	TT068P	00	1	TDD	LP		37A			
05007		XA542	77		XA546	40			168	9			TR0860X	01	TT068I	01	1	TDD	LI		38B			
06301		XA542	78		XA546	40			168	9			TT068Q	07	TT068Q	00	1	TDD	LQ		38A			
06083		XA542	79		XA543	73			168	9			TTCP10	05	TT068N	01	1	TDD	LN		39B			
01983		XA542	80		XA543	73			168	9			SPI029	24	TT068Q	01	1	TDD	LO		39A			
06337		XA543	01		XA443	60			168	9		P	TW081D	02	TW081B4	01	1	TLD	A2		02B			
06339		XA543	01		XA443	60			168	9		J	TW081D	01	TW081D	00	1	TLD	A2		02B			
01112		XA543	02										GND	01				TLD			01A			
65626		XA543	02										G54302	06				TLD			01A		C02	
06745		XA543	03		XA438	35			168	9			TW00DTC	02	TW082D	01	1	TLD	A3		02A			
06742		XA543	04		XA540	31			168	9			TW00DTB	03	TW081D	01	1	TLD	A2		04A			
06371		XA543	05		XA543	07			168	9			TW0DE0	02	TW081D	01	2	TLD	A2		03B			
06333		XA543	06		XA443	66			168	9		P	TW080D	02	TW080B4	01	1	TLD	A1		05A			
06335		XA543	06		XA443	66			168	9		J	TW080D	01	TW080D	00	1	TLD	A1		05A			
06372		XA543	07		XA543	13			168	9			TW0DE0	03	TW082D	01	2	TLD	A3		03A			
06736		XA543	08		XA540	20			168	9			TW00DTA	01	TW080D	01	1	TLD	A1		06A			
06341		XA543	09		XA443	57			168	9		P	TW082D	02	TW082B4	01	1	TLD	A3		04B			
06343		XA543	09		XA443	57			168	9		J	TW082D	01	TW082D	00	1	TLD	A3		04B			
06370		XA543	10		XA543	05			168	9			TW0DE0	01	TW080D	01	2	TLD	A1		07A			
06750		XA543	11		XA540	40			168	9			TW00DTC	03	TW083D	01	1	TLD	A4		05B			
00239		XA543	12		XA540	40			168	9			+5V	01				TLD						
06373		XA543	13		XA511	75			168	9			TW0DE0	04	TW083D	01	2	TLD	A4		06B			
06353		XA543	14		XA443	72			168	9		P	TW085D	02	TW085B4	01	1	TLD	B2		09A			
06355		XA543	14		XA443	72			168	9		J	TW085D	01	TW085D	00	1	TLD	B2		09A			
06344		XA543	15		XA544	07			168	9		P	TW083D	01	TW083B4	01	1	TLD	A4		07B			
06347		XA543	15		XA544	07			168	9		J	TW083D	00	TW083D	00	1	TLD	A4		07B			
01113		XA543	16										GND	01				TLD			01B			
08487		XA543	16										TW083BR	02				TLD			01B			
08488		XA543	16	3	XA550	30	3		168	9			TW084BR	01				TLD			01B			
08489		XA543	16										TW085BR	02				TLD			01B			
06777		XA543	17		XA438	34			168	9			TW04DTC	02	TW086D	01	1	TLD	B3		08B			
06774		XA543	18		XA540	43			168	9			TW04DTB	03	TW085D	01	1	TLD	B2		10A			
06376		XA543	19		XA543	25			168	9			TW0DF0	02	TW086D	01	2	TLD	B3		09B			
06375		XA543	20		XA543	19			168	9			TW0DF0	01	TW085D	01	2	TLD	B2		11A			
06357		XA543	21		XA443	69			168	9		P	TW086D	02	TW086B4	01	1	TLD	B3		10B			
06359		XA543	21		XA443	69			168	9		J	TW086D	01	TW086D	00	1	TLD	B3		10B			
06350		XA543	22		XA550	29			168	9		P	TW084D	03	TW084B4	01	1	TLD	B1		12A			
06351		XA543	22		XA550	29			168	9		J	TW084D	01	TW084D	00	1	TLD	B1		12A			
06782		XA543	23		XA540	54			168	9			TW04DTA	03	TW087D	01	1	TLD	B4		11B			
06768		XA543	24		XA540	34			168	9			TW04DTA	01	TW084D	01	1	TLD	B1		13A			
06377		XA543	25		XA543	26			168	9			TW0DF0	03	TW087D	01	2	TLD	B4		12B			
06378		XA543	26		XA543	42			168	9			TW0DF0	04	TW084D	01	2	TLD	B1		14A			
06360		XA543	27		XA544	24			168	9		P	TW087D	01	TW087B4	01	1	TLD	B4		13B			
06363		XA543	27		XA544	24			168	9		J	TW087D	01	TW087D	00	1	TLD	B4		13B			
00240		XA543	28										+5V	01				TLD						
CONNECTOR	XA543	CONTINUED ON THE NEXT PAGE ****																						

RECORD NUMBER	FROM			TO			WIRE				SIGNAL	SEQ NO	EQUATION	TERTY	FACTOR	CMT OR CHIP TYPE	GROUP	LOAD OR POWER PLANE	TEST POINTS		SIGNAL DESCRIPTION	ECO NO
	PREFIX	CONNECTOR	PIN	PREFIX	CONNECTOR	PIN	MULTI GROUP	CODE	COLOR	IDENT									AND	OR		
06414		XA543	29		XA520	66			16B	9		TWEN30	01	TWDBED4	01	1	TLD	C3	14B			
06314		XA543	30									TWDBC04	02	TWDBC04	00	1	TLD	C2	15A	WRITE STROBE DRIVE		
01965		XA543	31		XA543	37			16B	9		SPIO29	06	TWDBED4	01	2	TLD	C3	15B			
01114		XA543	32									GND	01				TLD		21B			
08481		XA543	32									TWBCDR	02				TLD		21B			
08483		XA543	32									TWDBPBR	02				TLD		21B			
08491		XA543	32									TWDB7BR	02				TLD		21B			
06319		XA543	33									TWDBED4	02	TWDBED4	00	1	TLD	C3	16B	WRITE ENABLE DRIVE		
06317		XA543	34									TWDBCO	03	TWDBCO4	01	1	TLD	C2	16A			
06489		XA543	35									TWLRC0	02	TWLRC04	01	1	TLD	C4	17B			
06567		XA543	36									TWRI2S	05	TWDBCO4	C1	2	TLD	C2	17A			D01
01966		XA543	37		XA545	36			16B	9		SPIO29	07	TWLRC04	01	2	TLD	C4	18B			
06320		XA543	38		XA544	17			16B	9		TWDBPD	01	TWDBPB4	01	1	TLD	C1	18A	WRITE DATA P DRIVE		
06323		XA543	38								P	TWDBPD	01	TWDBPD	00	1	TLD	C1	18A	TWDBPB4 BUSS		
06486		XA543	39		XA544	38			16B	9		TWLRC04	01	TWLRC04	00	1	TLD	C4	19B			
06800		XA543	40		XA540	26			16B	9		TWDBPBR	01	TWDBPD	01	1	TLD	C1	19A			
05392		XA543	41		XA505	09			16B	9		TRUNAS	02	TREWC04	01	1	TLD	D3	22B			
06379		XA543	42		XA511	72			16B	9		TWDDFO	05	TWDBPD	01	2	TLD	C1	20A			
05401		XA543	43									TREWC0	02	TREWC04	01	2	TLD	D3	23B			D02
01115		XA543	44									GND	01				TLD		27A			
08478		XA543	44									TREWCOR	02				TLD		27A			
08479		XA543	44									TRUNCOR	02				TLD		27A			
05169		XA543	45		XA544	29			16B	9		TREWC04	01	TREWC04	00	1	TLD	D3	24B	REWIND DRIVER		
05398		XA543	46		XA544	25			16B	9		TRUNC04	01	TRUNC04	00	1	TLD	D2	21A	RUN DRIVER		
04076		XA543	47		XA518	71			16B	9		TDIRIS	00	TDIRC04	01	1	TLD	D4	25B			D01
05391		XA543	48		XA543	41			16B	9		TRUNAS	01	TRUNC04	01	1	TLD	D2	22A			
01974		XA543	49		XA542	51			16B	9		SPIO29	15	TDIRC04	01	2	TLD	D4	26B			
05397		XA543	50									TREWCA	03	TRUNC04	01	2	TLD	D2	23A			D04
04068		XA543	51		XA544	42			16B	9		TDIRC04	01	TDIRC04	00	1	TLD	D4	27B	DIRECTION DRIVER		
04974		XA543	52									TRDBED4	02	TRDBED4	00	1	TLD	D1	24A	READ ENABLE DRIVER		
06183		XA543	53									TTS3BR	03	TADS3D4	01	1	TLD	E3	28B			
05091		XA543	54									TRENOS	06	TRDBED4	01	1	TLD	D1	25A			
01973		XA543	55		XA543	49			16B	9		SPIO29	14	TADS3D4	01	2	TLD	E3	29B			
01972		XA543	56		XA543	55			16B	9		SPIO29	13	TRDBED4	01	2	TLD	D1	26A			
03437		XA543	57									TADS3D4	02	TADS3D4	00	1	TLD	E3	30B			
01116		XA543	58									GND	01				TLD		40A			
08472		XA543	58									TADS2DR	02				TLD		40A			
08474		XA543	58									TADS4DR	02				TLD		40A			
08475		XA543	58									TDIRCOR	02				TLD		40A			
06211		XA543	59									TTS4BR	03	TADS4D4	01	1	TLD	E4	31B			
03434		XA543	60		XA544	35			16B	9		TADS2D4	01	TADS2D4	00	1	TLD	E2	28A			
01977		XA543	61		XA543	64			16B	9		SPIO29	18	TADS4D4	01	2	TLD	E4	32B			
06155		XA543	62									TTS2BR	03	TADS2D4	01	1	TLD	E2	29A			
03438		XA543	63		XA544	39			16B	9		TADS4D4	01	TADS4D4	00	1	TLD	E4	33B	MTT 4 ADDRESS SELE		
01978		XA543	64		XA543	70			16B	9		SPIO29	19	TADS2D4	01	2	TLD	E2	30A			
01948		XA543	65		XA542	65			16B	9		SPIO28	12		01	1	TLD	E3	34B			
03433		XA543	66									TADS1D4	02	TADS1D4	00	1	TLD	E1	31A	MTT 1 ADDRESS SELE		
01117		XA543	67									GND	01				TLD					
08480		XA543	67									TSPDCOR	02				TLD					
06131		XA543	68									TTS1BR	03	TADS1D4	01	1	TLD	E1	32A			
CONNECTOR XA543 CONTINUED ON THE NEXT PAGE ****																						

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DATA SYSTEMS DIVISION
LITTON SYSTEMS INC.
LITTON INDUSTRIES

DRAWING NUMBER 149016-880

CONNECTOR UNIT ASSEMBLY NO. 149016

REV. E

INDEX

XA543

UNIT ASSEMBLY NAME CARD CAGE ASSY, A, IFCU

FILE IDENT T39CIFC6

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	LE	PREFIX	CONNECTOR	PIN	LE	MULTI GROUP	CODE	COLOR	IDENT												
08151		XA543	69										M	SP0014	01		00	1	TLD	F3	35A			
01979		XA543	70		XA543	74			168	9			M	SP1029	20	TADS1D4	01	2	TLD	F1	33A			
01947		XA543	71		XA543	65			168	9				SPI028	11		01	1	TLD	F2	36A			
08150		XA543	72										M	SP0013	01		00	1	TLD	F2	34A			
01984		XA543	73		XA545	72			168	9				SPI029	25		01	2	TLD	F2	36B			
01980		XA543	74		XA543	78			168	9				SPI029	21		01	2	TLD	F3	35B			
05872		XA543	75		XA544	52			168	9				TSPDCD4	01	TSPDCD4	00	1	TLD	F1	37B	SPEED DRIVER		
01946		XA543	76		XA543	71			168	9				SPI028	10	KIFOND4	01	1	TLD	F4	37A			
05878		XA543	77		XA516	76			168	9				TSPNIS	005	TSPDCD4	01	1	TLD	F1	38B		B02	
01981		XA543	78		XA543	79			168	9				SPI029	22	KIFOND4	01	2	TLD	F4	38A			
01982		XA543	79		XA542	80			168	9				SPI029	23	TSPDCD4	01	2	TLD	F1	39B			
08152		XA543	80										J	KIFOND4	01	KIFOND4	00	1	TLD	F4	39A	KIFONA BUSS		
04178		XA543	80		XA544	71			168	9			P	KIFOND4	02	KIFONA	01	1	TLD	F4	39A		B05	
00524		XA544	01											DNW	01									
01118		XA544	02											GND	01									
08484		XA544	02											TWDB0BR	02									
08485		XA544	02											TWDB1BR	02									
08486		XA544	02											TWDB2BR	02									
00032		XA544	03		XA442	03			168	9				+05RES	165					RR4	AP			
00031		XA544	04		XA544	03			168	9				+05RES	160					RR4	AP			
06340		XA544	05		XA543	09			168	9				TWDB2B4	01					RR4	A3			
01175		XA544	06		XA543	02			168	9				G54302	05					RR4	AC			B02
06345		XA544	07		XA443	63			168	9				TWDB3B4	02					RR4	A4			
06332		XA544	08		XA543	06			168	9				TWDB0B4	01					RR4	A1			
06349		XA544	09		XA543	22			168	9				TWDB4B4	02					RR4	A5			
06336		XA544	10		XA543	01			168	9				TWDB1B4	01					RR4	A2			
00525		XA544	11											DNW	01					RR4				
00241		XA544	12											+5V	01					RR4				
00029		XA544	13		XA544	14			168	9				+05RES	150					RR4	BP			
00030		XA544	14		XA544	04			168	9				+05RES	155					RR4	BP			
01188		XA544	15											DNW	01					RR4			KEYWAY	B06
01189		XA544	16											DNW	01					RR4			KEYWAY	B06
06321		XA544	17		XA443	51			168	9				TWDBPB4	02					RR4	B4			
01174		XA544	18		XA544	06			168	9				G54302	04					RR4	BC			B02
06313		XA544	19		XA543	30			168	9				TWDBCD4	01					RR4	B5			
06352		XA544	20		XA543	14			168	9				TWDB5B4	01					RR4	B1			
00028		XA544	21		XA544	13			168	9				+05RES	145					RR4	CP			
00027		XA544	22		XA544	21			168	9				+05RES	140					RR4	CP			
04973		XA544	23		XA543	52			168	9				TROBED4	01					RR4	C3			
06361		XA544	24		XA443	80			168	9				TWDB7B4	02					RR4	B3			
05399		XA544	25											TRUNC4	02					RR4	C4			
06356		XA544	26		XA543	21			168	9				TWDB6B4	01					RR4	B2			
00526		XA544	27											DNW	01					RR4				
00242		XA544	28											+5V	01					RR4				
05170		XA544	29											TREWCD4	02					RR4	C5			
01173		XA544	30		XA544	18			168	9				G54302	03					RR4	CC			B02
00527		XA544	31											DNW	01					RR4				
01119		XA544	32											GND	01					RR4				
CONNECTOR		XA544	CONTINUED ON THE NEXT PAGE ****																					

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	PLATE	PREFIX	CONNECTOR	PIN	PLATE	MULTI GROUP	CODE	COLOR	IDENT									SPEC INST MISC	AND		
08473		XA544	32										TADS3DR	02				RR4						
08477		XA544	32										TRDBEDR	02				RR4						
08490		XA544	32										TWDB6BR	02				RR4						
00025		XA544	33			XA544	34			16B	9		+05RES	130				RR4	DP					
00026		XA544	34			XA544	22			16B	9		+05RES	135				RR4	DP					
03435		XA544	35										TADS2D4	02				RR4	D3					
06318		XA544	36			XA543	33			16B	9		TWDBED4	01				RR4	C1				C03	
03436		XA544	37			XA543	57			16B	9		TADS3D4	01				RR4	D4					
06487		XA544	38										TWLRCD4	02				RR4	C2					
03439		XA544	39										TADS4D4	02				RR4	D5					
01172		XA544	40			XA544	30			16B	9		G54302	02				RR4	DC				B02	
01936		XA544	41										SPR	01				RR4	E5					
04069		XA544	42										TDIRCD4	02				RR4	D1					
00528		XA544	43										DNW	01				RR4						
01120		XA544	44										GND	01				RR4						
08471		XA544	44										TADS1DR	02				RR4						
08482		XA544	44										TWDBEDR	02				RR4						
08492		XA544	44										TWLRCDR	02				RR4						
01892		XA544	45			XA541	52			16B	9		SPIO26	01				RR4	E4					
03432		XA544	46			XA543	66			16B	9		TADS1D4	01				RR4	D2					
01891		XA544	47										SPIO25	25				RR4	E3					
01866		XA544	48										SPIO24	37				RR4	E2					
00024		XA544	49			XA544	33			16B	9		+05RES	125				RR4	EP					
00023		XA544	50			XA544	49			16B	9		+05RES	120				RR4	EP					
03364		XA544	51										SPR	01				RR4	F5					
05873		XA544	52										TSPDCD4	02				RR4	F1					
03365		XA544	53										SPR	01				RR4	F4					
01171		XA544	54	3		XA545	44	3		16B	9		G54544	07				RR4	EC				C02	
01993		XA544	55			XA545	73			16B	9		SPIO30	07				RR4	F3					
01971		XA544	56			XA543	56			16B	9		SPIO29	12				RR4	F2					
01190		XA544	57										DNW	01				RR4					KEYWAY	B06
01191		XA544	58										DNW	01				RR4					KEYWAY	B06
00021		XA544	59			XA544	60			16B	9		+05RES	110				RR4	FP					
00022		XA544	60			XA544	50			16B	9		+05RES	115				RR4	FP					
03366		XA544	61										SPR	01				RR4	G5					
01943		XA544	62			XA546	71			16B	9		SPIO28	07				RR4	F1					
03367		XA544	63										SPR	01				RR4	G4					
01170		XA544	64			XA544	54			16B	9		G54544	06				RR4	EC				B02	
03368		XA544	65										SPR	01				RR4	G3					
03369		XA544	66										SPR	01				RR4	G2					
01121		XA544	67										GND	01				RR4						
65627		XA544	67			XA544	80			16B	9		G54544	01				RR4					B02	
00529		XA544	68										DNW	01				RR4						
00020		XA544	69			XA544	59			16B	9		+05RES	105				RR4	GP					
00019		XA544	70			XA544	69			16B	9		+05RES	100				RR4	GP					
03370		XA544	71										KIFONA	03				RR4	H5					
03371		XA544	72										SPR	01				RR4	G1					
03372		XA544	73										DNW	01				RR4	H4				B02	
01169		XA544	74			XA544	64			16B	9		G54544	05				RR4	GC				B02	
03373		XA544	75										DNW	01				RR4	H3				C01	
CONNECTOR		XA544	CONTINUED ON THE NEXT PAGE ****																					

RECORD NUMBER	FROM				TO				WIRE				SIGNAL	SEQ 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 PA	PREFIX	CONNECTOR	PIN	IN PA	MULTI GROUP	CODE	COLOR	IDENT												
08118		XA545	36										M	SPI029	01	UE0T30X401	1	DCF	B5		13A		D01	
08119		XA545	36										M	SPI029	01	UE0T4DX401	1	DCF	B7		13A		D01	
04358		XA545	37											TADSDDX4	02	TADSDDX400	1	DCF	B3		15B	EOT 2 RECEIVER	D01	
01575		XA545	38		XA546	38				16B	9			SPI013	06	UE0T30X	01	DCF	B6		14A		D01	
08279		XA545	39											TADSDDR	02			DCF					D01	
04374		XA545	40											UE0T30X	03	UE0T30X	00	DCF	B6		15A		D01	
04371		XA545	41											UE0T30X4	02	UE0T30X400	1	DCF	B5		16A	EOT 3 RECEIVER	D01	
08280		XA545	42											UE0T3DR	01			DCF			20B		D01	
04406		XA545	43											UFPR4DX4	02	UFPR4DX400	1	DCF	C7		25A	FILE PROTECT 4 REC	D01	
08335		XA545	44											UFPR4DR	01			DCF					D01	
08569		XA545	44											GND				DCF					D01	
65628		XA545	44											G54544	08			DCF						R02
08271		XA545	45											TFPR1DR	02			DCF			27A		D01	
04391		XA545	46											TEPR1DX4	01	TEPR1DX400	1	DCF	C1		25B	FILE PROTECT 1 REC	D01	
04394		XA545	47		XA524	35				16B	9			TFPR10X	03	TFPR10X	00	DCF	C2		26B		D01	
04409		XA545	48											UFPR4DX	03	UFPR4DX	00	DCF	C8		26A		D01	
01942		XA545	49		XA544	62				16B	9			SPI028	06	TFPR10X	01	DCF	C2		27B		D01	
01591		XA545	50		XA546	50				16B	9			SPI015	05	UFPR4DX	01	DCF	C8		28A		D01	
01992		XA545	51		XA544	55				16B	9			SPI030	06	TADSAOX	01	DCF	C4		28B		D01	
01970		XA545	52		XA544	56				16B	9			SPI029	11	TEPR1DX4	01	DCF	C1		29A		D01	
08120		XA545	52											SPI029	01	UFPR4DX401	1	DCF	C7		29A		D01	
08121		XA545	52											SPI029	01	TADSADX401	1	DCF	C3		29A		D01	
08122		XA545	52											SPI029	01	UFPR3DX401	1	DCF	C5		29A		D01	
08270		XA545	53											TADSADR	01			DCF					D01	
01578		XA545	54		XA545	74				16B	9			SPI013	09	UFPR30X	01	DCF	C6		30A		D01	
04396		XA545	55											TADSADX4	02	TADSADX400	1	DCF	C3		30B	FILE PROTECT 2 REC	D01	
04399		XA545	56											TADSAOX	03	TADSAOX	00	DCF	C4		29B		D01	
04404		XA545	57											UFPR30X	03	UFPR30X	00	DCF	C6		31A		D01	
08272		XA545	58											UFPR3DR	01			DCF					D01	
08570		XA545	58											GND				DCF					D01	
08286		XA545	59											UREW4DR	01			DCF					D01	
04401		XA545	60											UFPR3DX4	02	UFPR3DX400	1	DCF	C5		31B	FILE PROTECT 3 REC	D01	
05220		XA545	61											UREW4DX4	02	UREW4DX400	1	DCF	D7		33A	REWINDING 4 RECEIV	D01	
00535		XA545	62											DNW	01			DCF					D01	
00536		XA545	63											DNW	01			DCF					D01	
00537		XA545	64											DNW	01			DCF					D01	
05183		XA545	65											TREWIDX4	02	TREWIDX400	1	DCF	D1		32B	REWINDING 1 RECEIV		
00538		XA545	66											DNW	01			DCF					D01	
08283		XA545	67											TREW1DR	01			DCF					D01	
08571		XA545	67											GND				DCF					D01	
05227		XA545	68											UREW4OX	03	UREW4OX	00	DCF	D8		34A		D01	
05190		XA545	69											TREW1OX	03	TREW1OX	00	DCF	D2		33B		D01	
01590		XA545	70		XA545	50				16B	9			SPI015	04	UREW4OX	01	DCF	D8		35A		D01	
01945		XA545	71		XA543	76				16B	9			SPI028	09	TREW1OX	01	DCF	D2		34B		D01	
01985		XA545	72		XA546	72				16B	9			SPI029	26	TREW1DX401	1	DCF	D1		36A		D01	
08123		XA545	72											SPI029	01	UREW4DX401	1	DCF	D7		36A		D01	
08124		XA545	72											SPI029	01	TADS8DX401	1	DCF	D3		36A		D01	
08125		XA545	72											SPI029	01	UREW3DX401	1	DCF	D5		36A		D01	
01994		XA545	73		XA546	73				16B	9			SPI030	08	TADS8OX	01	DCF	D4		35B		D01	
01579		XA545	74		XA546	74				16B	9			SPI013	10	UREW3OX	01	DCF	D6		37A		D01	
CONNECTOR		XA545	CONTINUED ON THE NEXT PAGE ***																					

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	DR TO	PREFIX	CONNECTOR	PIN	DR TO	MULTI GROUP	CODE	COLOR	IDENT											
05203		XA545	75			XA522	05						TADSBOX	01	TADSBOX	00	1	DCF	D4		36B		D01
05218		XA545	76							16B	9		UREW30X	03	UREW30X	00	1	DCF	D6		38A		D01
08284		XA545	77										TADSBDR	02				DCF					D01
05192		XA545	78										TADSBDX4	02	TADSBDX4	400	1	DCF	D3		37B	REWINDING 2 RECEIV	D01
08285		XA545	79										UPEW3DR	01				DCF			40B		D01
05209		XA545	80										UREW3DX4	02	UREW3DX4	400	1	DCF	D5		38B	REWINDING 3 RECEIV	D01
04994		XA546	01										TRDB3DX4	02	TRDB3DX4	400	1	DCF	A7		02A	TAPE DATA 3 RECEIV	
08157		XA546	02										TRDB3DR	01				DCF			01A		
08572		XA546	02										GND					DCF			01A		
04996		XA546	03										TRDB30X	02	TRDB30X	00	1	DCF	A8		03A		
01596		XA546	04			XA446	70			16B	9		SPI015	10	TRDB30X	01	1	DCF	A8		04A		
08154		XA546	05										TRDB0DR	01				DCF					
01960		XA546	06			XA545	06			16B	9		SPI029	01	TRDB0DX4	401	1	DCF	A1		05A		
08126		XA546	06										SPI029	01	TRDB2DX4	401	1	DCF	A5		05A		
08127		XA546	06									M	SPI029	01	TRDB1DX4	401	1	DCF	A3		05A		
08128		XA546	06									M	SPI029	01	TRDB3DX4	401	1	DCF	A7		05A		
04982		XA546	07										TRDB0DX4	02	TRDB0DX4	400	1	DCF	A1		02B	TAPE DATA 0 RECEIV	
01573		XA546	08			XA545	08			16B	9		SPI013	04	TRDB2DX4	401	1	DCF	A6		06A		
04984		XA546	09										TRDB00X	02	TRDB00X	00	1	DCF	A2		03B		
04992		XA546	10										TRDB20X	02	TRDB20X	00	1	DCF	A6		07A		
01937		XA546	11			XA545	11			16B	9		SPI028	01	TRDB00X	01	1	DCF	A2		04B		
00245		XA546	12										+5V	01				DCF			08A		
01987		XA546	13			XA545	13			16B	9		SPI030	01	TRDB10X	01	1	DCF	A4		05B		
04990		XA546	14										TRDB2DX4	02	TRDB2DX4	400	1	DCF	A5		08B	TAPE DATA 2 RECEIV	
04988		XA546	15										TRDB10X	02	TRDB10X	00	1	DCF	A4		06B		
08156		XA546	16										TRDB2DR	01				DCF					
08573		XA546	16										GND					DCF					
04986		XA546	17										TRDB1DX4	02	TRDB1DX4	400	1	DCF	A3		07B	TAPE DATA 1 RECEIV	
00539		XA546	18										DNW	01				DCF					
08155		XA546	19										TRDB1DR	01				DCF					
00540		XA546	20										DNW	01				DCF					
08248		XA546	21										TRDB7DR	01				DCF					
00541		XA546	22										DNW	01				DCF					
05010		XA546	23										TRDB7DX4	02	TRDB7DX4	400	1	DCF	B7		10A	TAPE DATA 7 RECEIV	
00542		XA546	24										DNW	01				DCF					
08245		XA546	25										TRDB4DR	01				DCF					
00543		XA546	26										DNW	01				DCF					
04998		XA546	27										TRDB4DX4	02	TRDB4DX4	400	1	DCF	B1		10B	TAPE DATA 4 RECEIV	
00246		XA546	28										+5V	01				DCF			21B		
05000		XA546	29										TRDB40X	02	TRDB40X	00	1	DCF	B2		11B		
05012		XA546	30										TRDB70X	02	TRDB70X	00	1	DCF	B8		11A		
01940		XA546	31			XA546	49			16B	9		SPI028	04	TRDB40X	01	1	DCF	B2		12B		
01123		XA546	32										GND	01				DCF					
01990		XA546	33			XA546	51			16B	9		SPI030	04	TRDB50X	01	1	DCF	B4		13B		
01593		XA546	34			XA545	34			16B	9		SPI015	07	TRDB70X	01	1	DCF	B8		12A		
05004		XA546	35										TRDB50X	02	TRDB50X	00	1	DCF	B4		14B		
01968		XA546	36			XA546	52			16B	9		SPI029	09	TRDB4DX4	401	1	DCF	B1		13A		
08129		XA546	36									M	SPI029	01	TRDB5DX4	401	1	DCF	B3		13A		
CONNECTOR		XA546	CONTINUED ON THE NEXT PAGE ****																				

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	PREFIX	CONNECTOR	PIN	SIZE	PREFIX	CONNECTOR	PIN	SIZE	MULTI GROUP	CODE	COLOR	IDENT											
08130		XA546	36										M	SPI029	01	TRDB6DX401	1	DCF	B5		13A		
08131		XA546	36										M	SPI029	01	TRDB7DX401	1	DCF	B7		13A		
05002		XA546	37											TRDB5DX4	02	TRDB5DX400	1	DCF	B3		15B	TAPE DATA 5 RECEIV	
01576		XA546	38		XA546	54				16B	9			SPI013	07	TRDB6OX	01	DCF	B6		14A		
08246		XA546	39											TRDB5DR	01			DCF					
05008		XA546	40											TRDB6OX	02	TRDB6OX	00	1	DCF	B6		15A	
05006		XA546	41											TRDB6DX4	02	TRDB6DX400	1	DCF	B5		16A	TAPE DATA 6 RECEIV	
08247		XA546	42											TRDB6DR	01			DCF			20B		
06328		XA546	43											UWDBSDX4	02	UWDBSDX400	1	DCF	C7		25A	WRITE STATUS RECEI	001
08574		XA546	44											GND				DCF					
08250		XA546	45											TRDBPDR	01			DCF				27A	
04976		XA546	46											TRDBPDX4	02	TRDBPDX400	1	DCF	C1		25B	TAPE DATA P RECEIV	
04978		XA546	47											TRDBPOX	02	TRDBPOX	00	1	DCF	C2		26B	
06331		XA546	48										M	UWDBSOX	03	UWDBSOX	00	1	DCF	C8		26A	
01941		XA546	49		XA545	49				16B	9			SPI028	05	TRDBPOX	01	1	DCF	C2		27B	
01592		XA546	50		XA546	34				16B	9			SPI015	06	UWDBSOX	01	1	DCF	C8		28A	
01991		XA546	51		XA545	51				16B	9			SPI030	05	TRBCOX	01	1	DCF	C4		28B	
01969		XA546	52		XA545	52				16B	9			SPI029	10	TRDBPDX401	1	DCF	C1		29A		
08132		XA546	52										M	SPI029	01	UWDBSDX401	1	DCF	C7		29A		
08133		XA546	52										M	SPI029	01	URDBSDX401	1	DCF	C5		29A		
08134		XA546	52										M	SPI029	01	TRBDCX401	1	DCF	C3		29A		
08251		XA546	53											TRBDCDR	01			DCF					
01577		XA546	54		XA545	54				16B	9			SPI013	08	URDBSOX	01	1	DCF	C6		30A	
04970		XA546	55											TRBDCX4	02	TRBDCX400	1	DCF	C3		30B	READ CLOCK RECEIVE	001
04972		XA546	56											TRBDCOX	02	TRBDCOX	00	1	DCF	C4		29B	
08273		XA546	57										M	URDBSOX	01	URDBSOX	00	1	DCF	C6		31A	
08575		XA546	58											GND				DCF					
08296		XA546	59											SPP	01			DCF					001
04980		XA546	60											URDBSDX4	02	URDBSDX400	1	DCF	C5		31B	READ STATUS RECEI	001
05051		XA546	61											URDY4DX4	02	URDY4DX400	1	DCF	D7		33A	READY 4 RECEIVER	001
00544		XA546	62											DNW	01			DCF					
00545		XA546	63											DNW	01			DCF					
00546		XA546	64											DNW	01			DCF					
05036		XA546	65											TRDY1DX4	02	TRDY1DX400	1	DCF	D1		32B	READY 1 RECEIVER	
00547		XA546	66											DNW	01			DCF					
08293		XA546	67											TRDY1DR	01			DCF					
08576		XA546	67											GND				DCF					
05054		XA546	68											URDY4OX	03	URDY4OX	00	1	DCF	D8		34A	
05039		XA546	69											TRDY1OX	03	TRDY1OX	00	1	DCF	D2		33B	
01589		XA546	70		XA545	70				16B	9			SPI015	03	URDY4OX	01	1	DCF	D8		35A	
01944		XA546	71		XA545	71				16B	9			SPI028	08	TRDY1OX	01	1	DCF	D2		34B	
01986		XA546	72											SPI029	27	TRDY1DX401	1	DCF	D1		36A		
08135		XA546	72										M	SPI029	01	URDY3DX401	1	DCF	D5		36A		
08136		XA546	72										M	SPI029	01	URDY2DX401	1	DCF	D3		36A		
08137		XA546	72										M	SPI029	01	URDY4DX401	1	DCF	D7		36A		
01995		XA546	73											SPI030	09	URDY2OX	01	1	DCF	D4		35B	
01580		XA546	74		XA525	79				16B	9			SPI013	11	URDY3OX	01	1	DCF	D6		37A	
05044		XA546	75											URDY2OX	03	URDY2OX	00	1	DCF	D4		36B	
05049		XA546	76											URDY3OX	03	URDY3OX	00	1	DCF	D6		38A	
08294		XA546	77											SPP	01			DCF					001
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	PREFIX	CONNECTOR	PIN	SH	PREFIX	CONNECTOR	PIN	SH	MULTI GROUP	CODE	COLOR	IDENT											
05041		XA546	78										URDY2DX4	02	URDY2DX400	1	DCF	D3		37B	READY 2 RECEIVER	D01	
08295		XA546	79										SPP	01			DCF			40B		D01	
05046		XA546	80										URDY3DX4	02	URDY3DX400	1	DCF	D5		38B	READY 3 RECEIVER	D01	
00548		XA547	01										DNW	01			RR4						
01124		XA547	02										GND	01			RR4						
63942		XA547	02										+05RESSR	02			RR4					B02	
65629		XA547	02	I	XA547	06		I	168	9			G54702	01			RR4					C02	
00001		XA547	03		XA547	04			168	9			+05RESS	010			RR4	AP				B02	
00002		XA547	04		XA547	14			168	9			+05RESS	015			RR4	AP				B02	
04989		XA547	05		XA546	14			168	9			TRDB2DX4	01			RR4	A3				B02	
01160		XA547	06		XA547	18			168	9			G54702	02			RR4	AC				B02	
04993		XA547	07		XA546	01			168	9			TRDB3DX4	01			RR4	A4					
04981		XA547	08		XA546	07			168	9			TRDB0DX4	01			RR4	A1					
04997		XA547	09		XA546	27			168	9			TRDB4DX4	01			RR4	A5					
04985		XA547	10		XA546	17			168	9			TRDB1DX4	01			RR4	A2					
00549		XA547	11										DNW	01			RR4						
00247		XA547	12										+5V	01			RR4						
00004		XA547	13		XA547	21			168	9			+05RESS	025			RR4	BP				B02	
00003		XA547	14		XA547	13			168	9			+05RESS	020			RR4	BP				B02	
01192		XA547	15										DNW	01			RR4				KEYWAY	B06	
01193		XA547	16										DNW	01			RR4				KEYWAY	B06	
04975		XA547	17		XA546	46			168	9			TRDBPDX4	01			RR4	B4					
01161		XA547	18		XA547	30			168	9			G54702	03			RR4	BC				B02	
04969		XA547	19		XA546	55			168	9			TRDBCDX4	01			RR4	B5					
05001		XA547	20		XA546	37			168	9			TRDB5DX4	01			RR4	B1					
00005		XA547	21		XA547	22			168	9			+05RESS	030			RR4	CP				B02	
00006		XA547	22		XA547	34			168	9			+05RESS	035			RR4	CP				B02	
05035		XA547	23		XA546	65			168	9			TRDY1DX4	01			RR4	C3					
05009		XA547	24		XA546	23			168	9			TRDB7DX4	01			RR4	B3					
05040		XA547	25		XA546	78			168	9			URDY2DX4	01			RR4	C4				D01	
05005		XA547	26		XA546	41			168	9			TRDB6DX4	01			RR4	B2					
00550		XA547	27										DNW	01			RR4						
00248		XA547	28										+5V	01			RR4						
05045		XA547	29		XA546	80			168	9			URDY3DX4	01			RR4	C5				D01	
01162		XA547	30		XA547	40			168	9			G54702	04			RR4	CC				B02	
00551		XA547	31										DNW	01			RR4						
01125		XA547	32										GND	01			RR4						
65630		XA547	32										G54702	06			RR4					C02	
00008		XA547	33		XA547	49			168	9			+05RESS	045			RR4	DP				B02	
00007		XA547	34		XA547	33			168	9			+05RESS	040			RR4	DP				B02	
03540		XA547	35		XA545	17			168	9			TADSCDX4	01			RR4	O3				D01	
04979		XA547	36		XA546	60			168	9			URDBSDX4	01			RR4	C1				D01	
03553		XA547	37		XA545	14			168	9			UBOT3DX4	01			RR4	D4				D01	
06327		XA547	38		XA546	43			168	9			UWDBSDX4	01			RR4	C2				D01	
03560		XA547	39		XA545	01			168	9			UBOT4DX4	01			RR4	D5				D01	
01163		XA547	40		XA547	32			168	9			G54702	05			RR4	DC				B02	
04390		XA547	41		XA545	46			168	9			TFPR1DX4	01			RR4	E5					
05050		XA547	42		XA546	61			168	9			URDY4DX4	01			RR4	D1				D01	
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	PREFIX	CONNECTOR	PIN	PREFIX	CONNECTOR	PIN	WIRE	WIRE	WIRE															
00552		XA547	43										DNW	01				RR4						
01126		XA547	44										GND	01				RR4						
65631		XA547	44		XA547	54				168	9		G54744	01				RR4					C02	
04377		XA547	45		XA545	23				168	9		UEOT4DX4	01				RR4	F4				D01	
03526		XA547	46		XA545	07				168	9		TBOT1DX4	01				RR4	D2					
04370		XA547	47		XA545	41				168	9		UEOT3DX4	01				RR4	F3				D01	
04357		XA547	48		XA545	37				168	9		TADSDDX4	01				RR4	E2				D01	
00009		XA547	49		XA547	50				168	9		+05RESS	050				RR4	EP				B02	
00010		XA547	50		XA547	60				168	9		+05RESS	055				RR4	EP				B02	
05191		XA547	51		XA545	78				168	9		TADSBDX4	01				RR4	F5				D01	
04343		XA547	52		XA545	27				168	9		TEOT1DX4	01				RR4	E1					
05182		XA547	53		XA545	65				168	9		TREW1DX4	01				RR4	F4					
01164		XA547	54		XA547	64				168	9		G54744	02				RR4	EC				B02	
04405		XA547	55		XA545	43				168	9		UFPR4DX4	01				RR4	F3				D01	
04400		XA547	56		XA545	60				168	9		UFPR3DX4	01				RR4	F2				D01	
01194		XA547	57										DNW	01				RR4				KEYWAY	B06	
01195		XA547	58										DNW	01				RR4				KEYWAY	B06	
00012		XA547	59		XA547	69				168	9		+05RESS	065				RR4	FP				B02	
00011		XA547	60		XA547	59				168	9		+05RESS	060				RR4	FP				B02	
06825		XA547	61										DNW	14				RR4	G5				B02	
04395		XA547	62		XA545	55				168	9		TADSADX4	01				RR4	F1				D01	
03689		XA547	63										DNW	02				RR4	G4				B02	
01165		XA547	64		XA547	74				168	9		G54744	03				RR4	FC				B02	
03686		XA547	65										DNW	01				RR4	G3				B02	
05219		XA547	66		XA545	61				168	9		UREW4DX4	01				RR4	G2				D01	
01127		XA547	67										GND	01				RR4						
65592		XA547	67						AC	1ED	0		+05RESG	02				RR4					C02	
65632		XA547	67										G54744	06				RR4					C02	
00553		XA547	68										DNW	01				RR4						
00013		XA547	69		XA547	70				168	9		+05RESS	070				RR4	GP				B02	
00014		XA547	70										+05RESS	075				RR4	GP				B02	
03376		XA547	71										SPR	01				RR4	H5					
05208		XA547	72		XA545	80				168	9		UREW3DX4	01				RR4	G1				D01	
03377		XA547	73										TXADEQ4	14				RR4	H4				B02	
01166		XA547	74		XA547	77				168	9		G54744	04				RR4	GC				B02	
03378		XA547	75										TCILKD4	02				RR4	H3				B02	
03379		XA547	76		XA412	47				168	9		TCILKA4	01				RR4	H2				B02	
01167		XA547	77		XA547	67				168	9		G54744	05				RR4	HC				B02	
08035		XA547	78		XA441	48				168	9		TOSCEA4	01				RR4	H1					
00016		XA547	79		XA544	70				168	9		+05RES	085				RR4	HP					
00015		XA547	80		XA547	79				168	9		+05RES	080				RR4	HP					
65591		XA547	80						AC	1ED	2		+05RES	725				RR4	HP				C02	
03076		XA548	01										SPP	01										
01128		XA548	02										GND	01										
03077		XA548	03										SPP	01										
03078		XA548	04										SPP	01										
03079		XA548	05										SPP	01										
03080		XA548	06										SPP	01										
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	PREFIX	CONNECTOR	PIN	WIRE	PREFIX	CONNECTOR	PIN	WIRE	MULTI GROUP	CODE	COLOR	IDENT									AND	OR		
03081		XA548	07										SPP	01										
03082		XA548	08										SPP	01										
03083		XA548	09										SPP	01										
03084		XA548	10										SPP	01										
03085		XA548	11										SPP	01										
00249		XA548	12										+5V	01										
03086		XA548	13										SPP	01										
03087		XA548	14										SPP	01										
03088		XA548	15										SPP	01										
01129		XA548	16										GND	01										
03089		XA548	17										SPP	01										
03090		XA548	18										SPP	01										
03091		XA548	19										SPP	01										
03092		XA548	20										SPP	01										
03093		XA548	21										SPP	01										
03094		XA548	22										SPP	01										
03095		XA548	23										SPP	01										
03096		XA548	24										SPP	01										
03097		XA548	25										SPP	01										
03098		XA548	26										SPP	01										
03099		XA548	27										SPP	01										
00250		XA548	28										+5V	01										
03100		XA548	29										SPP	01										
03101		XA548	30										SPP	01										
03102		XA548	31										SPP	01										
01130		XA548	32										GND	01										
03103		XA548	33										SPP	01										
03104		XA548	34										SPP	01										
03105		XA548	35										SPP	01										
03106		XA548	36										SPP	01										
03107		XA548	37										SPP	01										
03108		XA548	38										SPP	01										
03109		XA548	39										SPP	01										
03110		XA548	40										SPP	01										
03111		XA548	41										SPP	01										
03112		XA548	42										SPP	01										
03113		XA548	43										SPP	01										
01131		XA548	44										GND	01										
03114		XA548	45										SPP	01										
03115		XA548	46										SPP	01										
03116		XA548	47										SPP	01										
03117		XA548	48										SPP	01										
03118		XA548	49										SPP	01										
03119		XA548	50										SPP	01										
03120		XA548	51										SPP	01										
03121		XA548	52										SPP	01										
03122		XA548	53										SPP	01										
03123		XA548	54										SPP	01										
03124		XA548	55										SPP	01										
03125		XA548	56										SPP	01										
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	PREFIX	CONNECTOR	PIH	PKT	PREFIX	CONNECTOR	PIH	PKT	MULTI GROUP	CODE	COLOR	IDENT											
03126		XA548	57										SPP	01									
01132		XA548	58										GND	01									
03127		XA548	59										SPP	01									
03128		XA548	60										SPP	01									
03129		XA548	61										SPP	01									
03130		XA548	62										SPP	01									
03131		XA548	63										SPP	01									
03132		XA548	64										SPP	01									
03133		XA548	65										SPP	01									
03134		XA548	66										SPP	01									
01133		XA548	67										GND	01									
03135		XA548	68										SPP	01									
03136		XA548	69										SPP	01									
03137		XA548	70										SPP	01									
03138		XA548	71										SPP	01									
03139		XA548	72										SPP	01									
03140		XA548	73										SPP	01									
03141		XA548	74										SPP	01									
03142		XA548	75										SPP	01									
03143		XA548	76										SPP	01									
03144		XA548	77										SPP	01									
03145		XA548	78										SPP	01									
03146		XA548	79										SPP	01									
03147		XA548	80										SPP	01									
03148		XA549	01										SPP	01			EXT						B04
01134		XA549	02										SPP	01			EXT						B04
03149		XA549	03										SPP	00			EXT						D01
03150		XA549	04										SPP	00			EXT						D01
03151		XA549	05										SPP	00			EXT						D01
03152		XA549	06										SPP	00			EXT						D01
03153		XA549	07			XA547	56			168	9		UFPR3DX4	00			EXT						D01
03154		XA549	08			XA545	58			168	9		UFPR3DR	00			EXT						D01
03155		XA549	09			XA547	55			168	9		UFPR4DX4	00			EXT						D01
03156		XA549	10			XA545	44			168	9		UFPR4DR	00			EXT						D01
03157		XA549	11										SPP	01			EXT						B04
00251		XA549	12										SPP	01			EXT						B04
03158		XA549	13			XA547	45			168	9		UEOT4DX4	00			EXT						D01
03159		XA549	14			XA545	21			168	9		UEOT4DR	00			EXT						D01
03160		XA549	15										SPP	01			EXT						B04
01135		XA549	16										SPP	01			EXT						B04
03161		XA549	17										SPP	00			EXT						D01
03162		XA549	18										SPP	00			EXT						D01
03163		XA549	19			XA547	66			168	9		UREW4DX4	00			EXT						D01
03164		XA549	20			XA545	59			168	9		UREW4DR	00			EXT						D01
03165		XA549	21			XA547	72			168	9		UREW3DX4	00			EXT						D01
03166		XA549	22			XA545	79			168	9		UREW3DR	00			EXT						D01
03167		XA549	23			XA549	41			168	9		UMALFDX	00			EXT						D01
03168		XA549	24			XA549	42			168	9		UMALFDR	01			EXT						D01
CONNECTOR		XA549	CONTINUED ON THE NEXT PAGE ****																				

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RECORD NUMBER	FROM			TO			WIRE				SIGNAL	SEQ NO	EQUATION	TERM	FACTOR	CKT OR CHIP TYPE	GROUP	LOAD OR POWER PLANE	TEST POINTS AND OR	SIGNAL DESCRIPTION	ECO NO
	PREFIX	CONNECTOR	PIN	PREFIX	CONNECTOR	PIN	DR PG	MULTI GROUP	CODE	COLOR											
03169		XA549	25									SPP	00			EXT					D01
03170		XA549	26									SPP	00			EXT					D01
03171		XA549	27									SPP	01			EXT					B04
00252		XA549	28									SPP	01			EXT					B04
03172		XA549	29									SPP	00			EXT					D01
03173		XA549	30									SPP	00			EXT					D01
03174		XA549	31									SPP	01			EXT					B04
01136		XA549	32									SPP	01			EXT					B04
03175		XA549	33		XA547	37			168	9		UB0T3DX4	00			EXT					D01
03176		XA549	34		XA545	16			168	9		UB0T3DR	00			EXT					D01
03177		XA549	35		XA547	39			168	9		UB0T4DX4	00			EXT					D01
03178		XA549	36		XA545	02			168	9		UB0T4DR	00			EXT					D01
03179		XA549	37									SPP	00			EXT					D01
03180		XA549	38									SPP	00			EXT					D01
03181		XA549	39									SPP	00			EXT					D01
03182		XA549	40									SPP	00			EXT					D01
03183		XA549	41		XA549	45			168	9		UMALFDX	001			EXT					D01
03184		XA549	42		XA549	46			168	9		UMALFDR	02			EXT					D01
03185		XA549	43									SPP	01			EXT					B04
01137		XA549	44									SPP	01			EXT					B04
03186		XA549	45		XA549	47			168	9		UMALFDX	002			EXT					D01
03187		XA549	46		XA549	48			168	9		UMALFDR	03			EXT					D01
03188		XA549	47		XA446	65			168	9		UMALFDX	003			EXT					D01
03189		XA549	48		XA446	32			168	9		UMALFDR	04			EXT					D01
03190		XA549	49									SPP	00			EXT					D01
03191		XA549	50									SPP	00			EXT					D01
03192		XA549	51		XA547	47			168	9		UE0T3DX4	00			EXT					D01
03193		XA549	52		XA545	42			168	9		UE0T3DR	00			EXT					D01
03194		XA549	53									SPP	01			EXT					B04
03195		XA549	54									SPP	01			EXT					B04
03196		XA549	55									SPP	01			EXT					B04
03197		XA549	56									SPP	01			EXT					B04
03198		XA549	57									SPP	01			EXT					B04
01138		XA549	58									SPP	01			EXT					B04
03199		XA549	59									SPP	01			EXT					B04
03200		XA549	60									SPP	01			EXT					B04
03201		XA549	61									SPP	01			EXT					B04
03202		XA549	62									SPP	01			EXT					B04
03203		XA549	63		XA550	65			168	9		+05VDC	02			EXT					B04
03204		XA549	64		XA549	66			168	9		+05VDCR	01			EXT					B04
03205		XA549	65									+05VDC	05			EXT					C07
03206		XA549	66		XA550	64			168	9		+05VDCR	02			EXT					B04
01139		XA549	67									SPP	01			EXT					B04
03207		XA549	68									SPP	01			EXT					B04
03208		XA549	69									SPP	01			EXT					B04
03209		XA549	70									SPP	01			EXT					B04
03210		XA549	71									SPP	01			EXT					B04
03211		XA549	72									SPP	01			EXT					B04
03212		XA549	73									SPP	01			EXT					B04
03213		XA549	74									SPP	01			EXT					B04
CONNECTOR	XA549	CONTINUED ON THE NEXT PAGE ***																			

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RECORD NUMBER	FROM				TO				WIRE				SIGNAL	SEC NO	EQUATION	TERM	FACTOR	CKT OR CHIP TYPE	ORGP	LOAD OR POWER PLANE	TEST POINTS AND OR	SIGNAL DESCRIPTION	ECO NO
	PREFIX	CONNECTOR	PIN	PLANE	PREFIX	CONNECTOR	PIN	PLANE	MULTI GROUP	CODE	COLOR	IDENT											
03257		XA550	43										SPP	01				EXT				B04	
01143		XA550	44										SPP	01				EXT				B04	
03258		XA550	45										SPP	01				EXT				B04	
03259		XA550	46										SPP	01				EXT				B04	
03260		XA550	47			XA543	75			168	9		TSPDCD4	00				EXT				B04	
03261		XA550	48			XA543	67			168	9		TSPDCDR	01				EXT				B04	
03262		XA550	49			XA544	19			168	9		TWDBC D4	00				EXT				B04	
03263		XA550	50	3		XA543	32	3		168	9		TWBCDR	01				EXT				B04	
03264		XA550	51										TWDBEB	02				EXT				D03	
03265		XA550	52	2		XA544	44	2		168	9		TWDBEDR	01				EXT				B04	
03266		XA550	53			XA543	39			168	9		TWLRC D4	00				EXT				B04	
03267		XA550	54	3		XA544	44	3		168	9		TWLRCR	01				EXT				B04	
03268		XA550	55										SPP	01				EXT				B04	
03269		XA550	56										SPP	01				EXT				B04	
03270		XA550	57										SPP	01				EXT				B04	
01144		XA550	58										SPP	01				EXT				B04	
03271		XA550	59										SPP	01				EXT				B04	
03272		XA550	60										SPP	01				EXT				B04	
03273		XA550	61										SPP	01				EXT				B04	
03274		XA550	62										SPP	01				EXT				B04	
03275		XA550	63			XA549	65			168	9		+05VDC	04				EXT				B04	
03276		XA550	64			XA550	66			168	9		+05VDCR	03				EXT				B04	
03277		XA550	65			XA550	63			168	9		+05VDC	03				EXT				B04	
03278		XA550	66	3		XA450	78	3		168	9		+05VDCR	04				EXT				C07	
01145		XA550	67										SPP	01				EXT				B04	
03279		XA550	68										SPP	01				EXT				B04	
03280		XA550	69										SPP	01				EXT				B04	
03281		XA550	70										SPP	01				EXT				B04	
03282		XA550	71										SPP	01				EXT				B04	
03283		XA550	72										SPP	01				EXT				B04	
03284		XA550	73										SPP	01				EXT				B04	
03285		XA550	74										SPP	01				EXT				B04	
03286		XA550	75			XA549	76			168	9		TCILKD4	00M				EXT				D01	
03287		XA550	76			XA449	75			168	9		TCILKBR	00				EXT				B04	
03288		XA550	77										SPP	01				EXT				B04	
03289		XA550	78										SPP	01				EXT				B04	
03290		XA550	79										SPP	01				EXT				B04	
03291		XA550	80										SPP	01				EXT				B04	
02860		XA551	01			XA451	01			168	9		XA0PBB	01				EXT				B04	
00848		XA551	02										XA0PBR	02				EXT				B04	
08531		XA551	02										GND					EXT				B04	
02861		XA551	03			XA451	03			168	9		XA00BB	01				EXT				B04	
02862		XA551	04										XA00BR	02				EXT				B04	
02896		XA551	04										GND	01				EXT				B04	
02863		XA551	05			XA451	05			168	9		XA01BB	01				EXT				B04	
02864		XA551	06										XA01BR	02				EXT				B04	
08546		XA551	06										GND					EXT				B04	
02865		XA551	07			XA451	07			168	9		XA02BB	01				EXT				B04	
CONNECTOR		XA551	CONTINUED ON THE NEXT PAGE ***																				

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RECORD NUMBER	FROM			TO			WIRE				SIGNAL	SEQ NO	EQUATION	TERM	FACTOR	CKT OR CHIP TYPE	GROUP	LOAD OR POWER PLANE	TEST POINTS AND OR	SIGNAL DESCRIPTION	ECO NO
	PREFIX	CONNECTOR	PIN	PREFIX	CONNECTOR	PIN	MULTI GROUP	CODE	COLOR	IDENT											
02866		XA551	08								XA02BR	02									B04
02899		XA551	08								GND	01									B04
02867		XA551	09		XA451	09			16B	9	XA03BB	01									B04
02868		XA551	10								XA03BR	02									B04
02869		XA551	11		XA451	11			16B	9	XA04BB	01									B04
00151		XA551	12								XA04BR	02									B04
02901		XA551	12								GND	01									B04
02870		XA551	13		XA451	13			16B	9	XA05BB	01									B04
02871		XA551	14								XA05BR	02									B04
02903		XA551	14								GND	01									B04
02872		XA551	15		XA451	15			16B	9	XA06BB	01									B04
00849		XA551	16								XA06BR	02									B04
08532		XA551	16								GND										B04
02873		XA551	17		XA451	17			16B	9	XA07BB	01									B04
02874		XA551	18								XA07BR	02									B04
08533		XA551	18								GND										B04
02875		XA551	19		XA451	19			16B	9	XAR0BB	01									B04
02876		XA551	20								XAR0BR	03									B04
08534		XA551	20								GND										B04
02877		XA551	21		XA451	21			16B	9	XAR1BB	01									B04
02878		XA551	22								XAR1BR	03									B04
08535		XA551	22								GND										B04
02879		XA551	23								XAR2BB	02									B04
02880		XA551	24								XAR2BR	02									B04
08536		XA551	24								GND										B04
02881		XA551	25								XAR3BB	02									B04
02882		XA551	26								XAR3BR	02									B04
08537		XA551	26								GND										B04
02883		XA551	27								XAR4BB	02									B04
00152		XA551	28								XAR4BR	02									B04
08538		XA551	28								GND										B04
02884		XA551	29								XAR5BB	02									B04
02885		XA551	30								XAR5BR	02									B04
08539		XA551	30								GND										B04
02886		XA551	31		XA451	31			16B	9	XAR6BB	01									B04
00850		XA551	32								XAR6BR	02									B04
08540		XA551	32								GND										B04
02887		XA551	33		XA451	33			16B	9	XAR7BB	01									B04
02888		XA551	34								XAR7BR	02									B04
08541		XA551	34								GND										B04
02889		XA551	35		XA451	35			16B	9	XAENBB	01									B04
02890		XA551	36		XA451	36			16B	9	XAENBR	01									B04
08542		XA551	36								GND										B04
02891		XA551	37		XA451	37			16B	9	XACMBB	01									B04
02892		XA551	38		XA451	38			16B	9	XACMBR	01									B04
08543		XA551	38								GND										B04
02893		XA551	39		XA451	39			16B	9	XAINBB	01									B04
02894		XA551	40								XAINBR	02									B04
08544		XA551	40								GND										B04
02895		XA551	41		XA451	41			16B	9	XBOPBB	01									B04
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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	FCO NO
	PREFIX	CONNECTOR	PIN	WIRE	PREFIX	CONNECTOR	PIN	WIRE	MULTI GROUP	CODE	COLOR	IDENT										
08545		XA551	42										GND				EXT				B04	
65046		XA551	42										XB00BR	03			EXT				B04	
02897		XA551	43		XA451	43				168	9		XB00BB	01			EXT				B04	
00851		XA551	44										GND	01			EXT				B04	
65054		XA551	44										XB00BR	03			EXT				C01	
02898		XA551	45		XA451	45				168	9		XB01BB	01			EXT				B04	
08547		XA551	46										GND				EXT				B04	
65062		XA551	46										XB01BR	03			EXT				B04	
02900		XA551	47		XA451	47				168	9		XB02BB	01			EXT				B04	
08548		XA551	48										GND				EXT				B04	
65070		XA551	48										XB02BR	03			EXT				B04	
02902		XA551	49		XA451	49				168	9		XB03BB	01			EXT				B04	
08549		XA551	50										GND				EXT				B04	
65078		XA551	50										XB03BR	03			EXT				C01	
02904		XA551	51		XA451	51				168	9		XB04BB	01			EXT				B04	
08550		XA551	52										GND				EXT				B04	
65086		XA551	52										XB04BR	03			EXT				B04	
02906		XA551	53		XA451	53				168	9		XB05BB	01			EXT				B04	
08551		XA551	54										GND				EXT				B04	
65094		XA551	54										XB05BR	03			EXT				B04	
02908		XA551	55		XA451	55				168	9		XB06BB	01			EXT				B04	
08552		XA551	56										GND				EXT				B04	
65102		XA551	56										XB06BR	03			EXT				B04	
02910		XA551	57	3	XA451	57	3			168	9		XB07BB	01			EXT				C01	
00852		XA551	58										GND	01			EXT				B04	
65110		XA551	58										MB07BBR	06			EXT				B04	
02911		XA551	59		XA451	59				168	9		XB08BB	01			EXT				B04	
08554		XA551	60										GND				EXT				B04	
65010		XA551	60										XB08BR	02			EXT				B04	
02913		XA551	61		XA451	61				168	9		XBR1BB	01			EXT				B04	
08555		XA551	62										GND				EXT				B04	
65016		XA551	62										XBR1BR	02			EXT				B04	
02915		XA551	63										XBR2BB	02			EXT				B04	
08556		XA551	64										GND				EXT				B04	
65020		XA551	64										XBR2BR	02			EXT				B04	
02917		XA551	65										XBR3BB	02			EXT				B04	
08557		XA551	66										GND				EXT				B04	
65024		XA551	66										XBR3BR	02			EXT				B04	
00853		XA551	67										XBR4BB	02			EXT				B04	
08558		XA551	68										GND				EXT				B04	
65028		XA551	68										XBR4BR	02			EXT				B04	
02920		XA551	69										XBR5BB	02			EXT				B04	
08559		XA551	70										GND				EXT				B04	
65032		XA551	70										XBR5BR	02			EXT				B04	
02922		XA551	71										XBR6BB	02			EXT				B04	
08560		XA551	72										GND				EXT				B04	
65036		XA551	72										XBR6BR	02			EXT				B04	
02924		XA551	73										XBR7BB	02			EXT				B04	
02925		XA551	74										XBR7BR	02			EXT				B04	
02926		XA551	75		XA451	75				168	9		XBENBB	01			EXT				B04	
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RECORD NUMBER	FROM				TO				WIRE			SPEC INST MISC	SIGNAL	SEG NO	EQUATION	TERM	FACTOR	CAT OR CHIP TYPE	GROUP	LOAD OR POWER PLANE	TEST POINTS		SIGNAL DESCRIPTION	ECO NO
	PREFIX	CONNECTOR	PIN	AS	PREFIX	CONNECTOR	PIN	AS	MULTI GROUP	CODE	COLOR										IDENT	AND		
02927		XA551	76		XA451	76				16B	9		XBENBR	01				EXT					804	
02928		XA551	77		XA451	77				16B	9		XBCMRR	01				EXT					804	
08561		XA551	78										GND					EXT					804	
64990		XA551	78										XBCMRR	03				EXT					804	
02930		XA551	79		XA451	79				16B	9		XBINBR	01				EXT					804	
08562		XA551	80										GND					EXT					804	
65004		XA551	80										XBINBR	03				EXT					804	

RECOMMENDED CHANGES TO EQUIPMENT TECHNICAL PUBLICATIONS

SOMETHING WRONG WITH PUBLICATION



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

FROM: (PRINT YOUR UNIT'S COMPLETE ADDRESS)

DATE SENT

PUBLICATION NUMBER

PUBLICATION DATE

PUBLICATION TITLE

BE EXACT PIN-POINT WHERE IT IS

PAGE
NO.

PARA-
GRAPH

FIGURE
NO.

TABLE
NO.

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

PRINTED NAME, GRADE OR TITLE AND TELEPHONE NUMBER

SIGN HERE

The Metric System and Equivalents

Linear Measure

1 centimeter = 10 millimeters = .39 inch
 1 decimeter = 10 centimeters = 3.94 inches
 1 meter = 10 decimeters = 39.37 inches
 1 dekameter = 10 meters = 32.8 feet
 1 hectometer = 10 dekameters = 328.08 feet
 1 kilometer = 10 hectometers = 3,280.8 feet

Weights

1 centigram = 10 milligrams = .15 grain
 1 decigram = 10 centigrams = 1.54 grains
 1 gram = 10 decigrams = .035 ounce
 1 decagram = 10 grams = .35 ounce
 1 hectogram = 10 decagrams = 3.52 ounces
 1 kilogram = 10 hectograms = 2.2 pounds
 1 quintal = 100 kilograms = 220.46 pounds
 1 metric ton = 10 quintals = 1.1 short tons

Liquid Measure

1 centiliter = 10 milliliters = .34 fl. ounce
 1 deciliter = 10 centiliters = 3.38 fl. ounces
 1 liter = 10 deciliters = 33.81 fl. ounces
 1 dekaliter = 10 liters = 2.64 gallons
 1 hectoliter = 10 dekaliters = 26.42 gallons
 1 kiloliter = 10 hectoliters = 264.18 gallons

Square Measure

1 sq. centimeter = 100 sq. millimeters = .155 sq. inch
 1 sq. decimeter = 100 sq. centimeters = 15.5 sq. inches
 1 sq. meter (centare) = 100 sq. decimeters = 10.76 sq. feet
 1 sq. dekameter (are) = 100 sq. meters = 1,076.4 sq. feet
 1 sq. hectometer (hectare) = 100 sq. dekameters = 2.47 acres
 1 sq. kilometer = 100 sq. hectometers = .386 sq. mile

Cubic Measure

1 cu. centimeter = 1000 cu. millimeters = .06 cu. inch
 1 cu. decimeter = 1000 cu. centimeters = 61.02 cu. inches
 1 cu. meter = 1000 cu. decimeters = 35.31 cu. feet

Approximate Conversion Factors

<i>To change</i>	<i>To</i>	<i>Multiply by</i>	<i>To change</i>	<i>To</i>	<i>Multiply by</i>
inches	centimeters	2.540	ounce-inches	Newton-meters	.007062
feet	meters	.305	centimeters	inches	.394
yards	meters	.914	meters	feet	3.280
miles	kilometers	1.609	meters	yards	1.094
square inches	square centimeters	6.451	kilometers	miles	.621
square feet	square meters	.093	square centimeters	square inches	.155
square yards	square meters	.836	square meters	square feet	10.764
square miles	square kilometers	2.590	square meters	square yards	1.196
acres	square hectometers	.405	square kilometers	square miles	.386
cubic feet	cubic meters	.028	square hectometers	acres	2.471
cubic yards	cubic meters	.765	cubic meters	cubic feet	35.315
fluid ounces	milliliters	29.573	cubic meters	cubic yards	1.308
pints	liters	.473	milliliters	fluid ounces	.034
quarts	liters	.946	liters	pints	2.113
gallons	liters	3.785	liters	quarts	1.057
ounces	grams	28.349	liters	gallons	.264
pounds	kilograms	.454	grams	ounces	.035
short tons	metric tons	.907	kilograms	pounds	2.205
pound-feet	Newton-meters	1.356	metric tons	short tons	1.102
pound-inches	Newton-meters	.11296			

Temperature (Exact)

°F	Fahrenheit temperature	5/9 (after subtracting 32)	Celsius temperature	°C
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