

ARMY
NAVY
AIR FORCE

TM 11-5895-856-34-18
EE640-CA-MMI-180/E154 CPU
TO 31W2-2T-122-18

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 DRY WOODEN POLE OR A DRY 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 DESTROY SUPERSEDED PAGES.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 426 CONSISTING OF THE FOLLOWING:

Page No.	# Change No.	Page No.	# Change No.	Page No.	# Change No.
Cover	0				
Safety Steps	0				
a - b	0				
i - ii	0				
 (149019-800)					
1-411	0				
Report of Errors	0				

Zero in this column indicates an original page.

TECHNICAL MANUAL
NO. 11-5895-856-34-18
TECHNICAL MANUAL
EE640-CA-MMI-180/E154 CPU
TECHNICAL ORDER
TO 31W2-2T-122-18

DEPARTMENTS OF THE ARMY
THE NAVY, AND
THE AIR FORCE

Washington, DC, 22 September 1983

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

**AUTOMATIC DATA PROCESSING
ASSEMBLIES**

REPORTING ERRORS AND RECOMMENDING IMPROVEMENTS

You can help improve this manual. If you find any mistakes or if you know of a way to improve the procedures, please let us know. Mail your letter, DA Form 2028 (Recommended Changes to Publications and Blank Forms), or DA Form 2028-2 located in back of this manual direct to: Commander, US Army Communications-Electronics Command and Fort Monmouth, ATTN: DRSEL-ME-MP, Fort Monmouth, New Jersey 07703. For Air Force, submit AFTO Form 22 (Technical Order System Publication Improvement Report and Reply) in accordance with paragraph 6-5, Section VI, T.O. 00-5-1. Forward direct to prime ALC/MST. For Navy, mail comments to the Commander, Naval Electronics Systems Command, ATTN: ELEX 8122, Washington, DC 20360. In either case, a reply will be furnished direct to you.

TABLE OF CONTENTS

VOLUME 18 TM 11-5895-856-34-18

Card Cage Assembly, Input/Output Unit - L.H., Wire List, String (149019-800)

This volume is part of a 24-volume set covering the direct support and general support maintenance of the automatic data processing assemblies. This volume contains the string wire list for the left-hand card cage assembly of the input/output unit, drawing number 149019-800. Refer to volume 1 of this series (TM 11-5895-856-34-1) for an explanation of how to use this wire list as well as other lists contained in the set.

NOTE

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

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

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

**CARD CAGE ASSEMBLY, INPUT/OUTPUT UNIT
- LEFT HAND
STRING WIRE LIST
149019-800**

NOTES: UNLESS OTHERWISE SPECIFIED

1. REFERENCE TO SHEET 3 FOR DEFINITION OF FIELDS.
2. REFERENCE TO SHEET 4 FOR CONFIGURATIONS OF SHIELD AND WIRE TERMINATIONS.
3. REFERENCE TO SHEET 5 FOR WIRE CODE DEFINITIONS.
4. REFERENCE TO SHEET 6 FOR WIRE SUMMARY 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, I/O UNIT.

H78 STRING AND CONNECTOR LIST, DEFINITION OF FIELDS

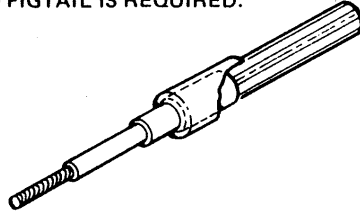
1. **Record Number** - A unique Data Processing number which associates all information pertaining to a wire "FROM" Connector, "TO" Connector, Wire Code, etc. This number is the wire ID when that field is blank.
2. **Prefix** - An assembly alphanumeric to be used when a wire terminates in two assemblies.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

H78 STRING AND CONNECTOR LIST, DEFINITION OF FIELDS - Continued

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

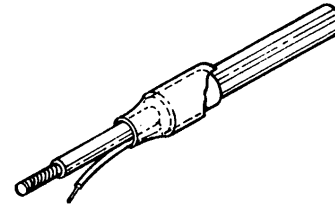
SHIELD FIGURE A

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



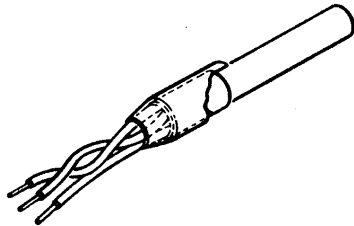
SHIELD FIGURE B

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



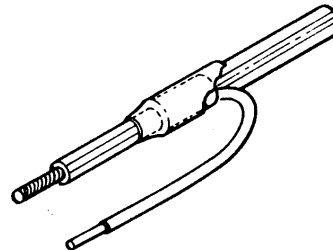
SHIELD FIGURE G

SHIELDED CABLE TERMINATION WITH DRAIN WIRE



SHIELD FIGURE C

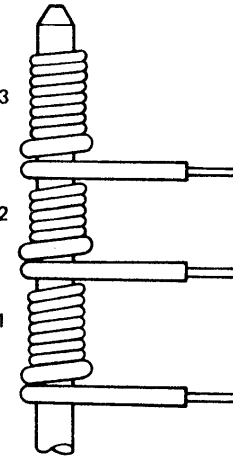
SHIELD TERMINATION FOR SHIELDED, SINGLE AND MULTIPLE CONDUCTORS, A REAR PIGTAIL IS REQUIRED.



SHIELD FIGURE NO. 3

SHIELD FIGURE NO. 2

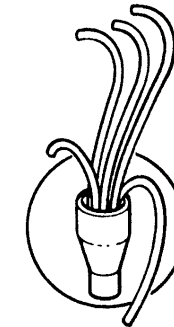
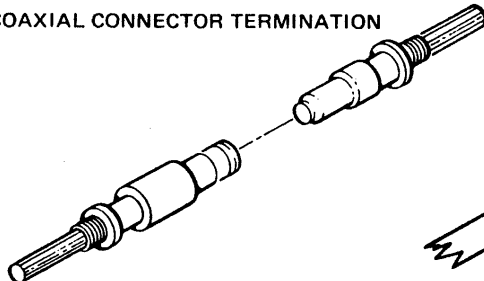
SHIELD FIGURE NO. 1



SHIELD FIGURE NUMBER INDICATES LEVEL OF WIRE WRAP

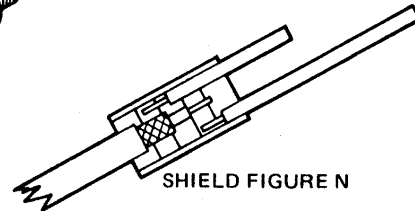
SHIELD FIGURE Z

COAXIAL CONNECTOR TERMINATION



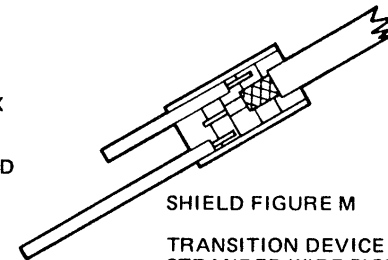
SHIELD FIGURE X

SHIELDED WIRE PIGTAILS-HYBRID



SHIELD FIGURE N

TRANSITION DEVICE WITH SOLID WIRE PIGTAILS



SHIELD FIGURE M

TRANSITION DEVICE WITH STRANDED WIRE PIGTAILS

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

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

WIRE SUMMARY LIST			CODE IDENT:	DRAWING NUMBER:	REVISION:	
			13973	149019-800	6	
TITLE: CARD CAGE ASSY I/O UNIT				PROJECT: T39B FILE: IUX2	SHEET: 6	
ITEM NUM.	PART NUMBER	MIL. NUMBER	NOMENCLATURE OR DESCRIPTION	REF SYM	TIMES USED	WIRE CODE
1.	898041-0002	MIL-W-81822/3-B	WIRE,ELEC,250V,PVF INSUL,SOLID CNDCT. 30 GAGE (WHITE)		6	1BB
2.	898042-0004	MIL-W-81822/3-B	WIRE,ELEC,250V,PVF INSUL,SOLID CNDCT. 26 GAGE (RED)		13	1BD
3.	898042-0002	MIL-W-81822/3-B	WIRE,ELEC,250V,PVF INSUL,SOLID CNDCT. 26 GAGE (WHITE)		1	1BD
4.	898041-0023	MIL-W-81822/3-B	CABLE,ELEC,TW. SOLID TWO CNDCT,250V,PVF INSUL 30 GAGE (BLACK WHITE)		111	1EB
5.	898042-0034	MIL-W-81822/3-B	CABLE,ELEC,TW. SOLID TWO CNDCT,250V,PVF INSUL 26 GAGE (BLACK RED)		15	1ED
6.	898042-0023	MIL-W-81822/3-B	CABLE,ELEC,TW. SOLID TWO CNDCT,250V,PVF INSUL 26 GAGE (BLACK WHITE)		4	1ED
7.	898041-0002	MIL-W-81822/3-B	WIRE,ELEC,250V,PVF INSUL 30 GAGE (WHITE)		10495	16B

DRAWING NUMBER 149019-800
UNIT ASSEMBLY NAME CARD CAGE ASSY, I/G UNIT

STRING

UNIT ASSEMBLY NO 149019
FILE IDENT T39BIJX2

REV G
DATE 09-03-82

INDEX PAGE +05REG
PAGE 7

RECORD NUMBER	FROM				TO				MULTI GROUP	CODE	CLOCK	IDENT	SIGNAL	SPR TAG	EQUATION	FILE #	CKT OR FILE TYPE	LOAD OR PARTS FILE NO	TEST POINTS IDENTIFICATION	SIGNAL DESCRIPTION	ECO NO
	PREFIX	CONNECTOR	PIN	DR. SUFF.	PREFIX	CONNECTOR	PIN	DR. SUFF.													
00006		XA107	44			XA120	02		PC	1ED	0		+05REG	01					MTS		
00001		XA120	02									K	+05REG	02					RR4		
00005		XA107	63			XA337	67		PD	1ED	0		+05REG	03					MTS		
20842		XA337	67									K	+05REG	04					RP4		
20843		XA107	44			XA410	67		PF	1ED	0		+05REG	05					MTS		
21124		XA410	67									K	+05REG	06					RR4		
00004		XA107	67			XA430	44		PE	1ED	0		+05REG	07					MTS	C13	
21388		XA430	44										+05REG	08						C13	
00010		XA107	43			XA410	34		PF	1ED	2		+05RES	332					MTS	C13	
00085		XA410	34			XA410	33			168	9		+05RES	400				RR4	DP		
00084		XA410	33			XA410	22			168	9		+05RES	405				RR4	DP		
00083		XA410	22			XA410	21			168	9		+05RES	410				RR4	CP		
00082		XA410	21			XA410	14			168	9		+05RES	415				RP4	CP		
00081		XA410	14			XA410	13			168	9		+05RES	420				RR4	BP		
00080		XA410	13			XA410	04			168	9		+05RES	425				RR4	BP		
00079		XA410	04			XA410	03			168	9		+05RES	430				RR4	AP		
00078		XA410	03			XA411	03			168	9		+05RES	435				RR4	AP		
00094		XA411	03			XA411	04			168	9		+05RES	440				RR4	AP		
00095		XA411	04			XA411	13			168	9		+05RES	445				RR4	AP		
00096		XA411	13			XA411	14			168	9		+05RES	450				RR4	BP		
00097		XA411	14			XA411	21			168	9		+05RES	455				RR4	BP		
00098		XA411	21			XA411	22			168	9		+05RES	460				RR4	CP		
00099		XA411	22			XA411	33			168	9		+05RES	465				RP4	CP		
00100		XA411	33			XA411	34			168	9		+05RES	470				RR4	DP		
00101		XA411	34			XA430	03			168	9		+05RES	475				RR4	DP		
00126		XA430	03			XA430	04			168	9		+05RES	600				RR4	AP		
00127		XA430	04			XA430	13			168	9		+05RES	605				RR4	AP		
00128		XA430	13			XA430	14			168	9		+05RES	610				RR4	BP		
00129		XA430	14			XA430	21			168	9		+05RES	615				RR4	BP		
00130		XA430	21			XA430	22			168	9		+05RES	620				RR4	CP		
00131		XA430	22			XA430	69			168	9		+05RES	625				RR4	CP		
00138		XA430	69			XA430	70			168	9		+05RES	660				RR4	GP		
00139		XA430	70			XA430	79			168	9		+05RES	665				RR4	GP		
00140		XA430	79			XA430	80			168	9		+05RES	670				RR4	HP		
00141		XA430	80			XA107	68		PE	1ED	9		+05RES	675				RP4	HP		
00012		XA107	68										+05RES	920					MTS	C13	
00009		XA107	39			XA120	33		PC	1ED	2		+05RES1	010					MTS	B04	
00013		XA120	33			XA120	34			168	9		+05RES1	015				RR4	DP		
00014		XA120	34			XA120	49			168	9		+05RES1	020				RR4	DP		
00015		XA120	49			XA120	50			168	9		+05RES1	025				RR4	EP		
00016		XA120	50			XA120	59			168	9		+05RES1	030				RR4	EP		
00017		XA120	59			XA120	60			168	9		+05RES1	035				RR4	FP		
00018		XA120	60			XA121	70			168	9		+05RES1	040				RR4	FP		
00032		XA121	70			XA121	69			168	9		+05RES1	045				RR4	GP		
00031		XA121	69			XA121	60			168	9		+05RES1	050				RR4	GP		
00030		XA121	60			XA121	59			168	9		+05RES1	055				RR4	FP		
									****	SIGNAL			(+05RES1						IS ON THE NEXT PAGE	****	

DRAWING NUMBER		149019-800		STRING		UNIT ASSEMBLY NO.		149019		REV		G		INDEX		+05RES1								
UNIT ASSEMBLY NAME		CARD CAGE ASSY, I/O UNIT		FILE IDENT		T39BIUX2		DATE		09-03-82		PAGE		8										
RECORD NUMBER	FROM				TO				WIRE				SIGNAL	SEQ NO	EQUATION	TERM	FACTOR	CMT OR CHIP TYPE	GROUP	LOAD ON POWER PLANE	TEST POINTS	SIGNAL DESCRIPTION	ECC NO	
	PREFIX	CONNECTOR	PIN	SH PG	PREFIX	CONNECTOR	PIN	SH PG	MULTI GROUP	CODE	COLOR	IDENT												SPC INST MISC
00029		XA121	59		XA121	50				168	9			+05RES1	060				RR4	FP				B04
00028		XA121	50		XA121	49				168	9			+05RES1	075				RR4	EP				B04
00027		XA121	49		XA121	34				168	9			+05RES1	080				RR4	EP				B04
00026		XA121	34		XA121	33				168	9			+05RES1	085				RR4	DP				B04
00025		XA121	33		XA121	22				168	9			+05RES1	090				RR4	DP				B04
00024		XA121	22		XA121	21				168	9			+05RES1	100				RR4	CP				B04
00023		XA121	21		XA121	14				168	9			+05RES1	105				RR4	CP				B04
00022		XA121	14		XA121	13				168	9			+05RES1	110				RR4	BP				B04
00021		XA121	13		XA121	04				168	9			+05RES1	115				RR4	BP				B04
00020		XA121	04		XA121	03				168	9			+05RES1	120				RR4	AP				B04
00019		XA121	03		XA204	03				168	9			+05RES1	125				RR4	AP				B04
00033		XA204	03		XA204	04				168	9			+05RES1	130				RR4	AP				B04
00034		XA204	04		XA204	13				168	9			+05RES1	135				RR4	AP				B04
00035		XA204	13		XA204	14				168	9			+05RES1	140				RR4	BP				B04
00036		XA204	14		XA318	03				168	9			+05RES1	145				RR4	BP				B04
00037		XA318	03		XA318	04				168	9			+05RES1	150				RR1	AP				B04
00038		XA318	04		XA318	13				168	9			+05RES1	155				RR1	AP				B04
00039		XA318	13		XA318	14				168	9			+05RES1	160				RR1	BP				B04
00040		XA318	14		XA318	21				168	9			+05RES1	165				RR1	BP				B04
00041		XA318	21		XA318	22				168	9			+05RES1	170				RR1	CP				B04
00042		XA318	22		XA318	33				168	9			+05RES1	175				RR1	CP				B04
00043		XA318	33		XA318	34				168	9			+05RES1	180				RR1	DP				B04
00044		XA318	34		XA318	49				168	9			+05RES1	185				RR1	DP				B04
00045		XA318	49		XA318	50				168	9			+05RES1	190				RR1	EP				B04
00046		XA318	50		XA318	59				168	9			+05RES1	195				RR1	EP				B04
00047		XA318	59		XA318	60				168	9			+05RES1	200				RR1	FP				B04
00048		XA318	60		XA318	69				168	9			+05RES1	205				RR1	FP				B04
00049		XA318	69		XA318	70				168	9			+05RES1	210				RR1	GP				B04
00050		XA318	70		XA331	80				168	9			+05RES1	215				RR1	GP				B04
00062		XA331	80		XA331	79				168	9			+05RES1	220				RR1	HP				B04
00061		XA331	79		XA331	70				168	9			+05RES1	225				RR1	HP				B04
0006C		XA331	70		XA331	69				168	9			+05RES1	230				RR1	GP				B04
00059		XA331	69		XA331	60				168	9			+05RES1	235				RR1	GP				B04
00058		XA331	60		XA331	59				168	9			+05RES1	240				RR1	FP				B04
00057		XA331	59		XA331	50				168	9			+05RES1	245				RR1	FP				B04
00056		XA331	50		XA331	49				168	9			+05RES1	250				RR1	EP				B04
00055		XA331	49		XA331	34				168	9			+05RES1	255				RR1	EP				B04
00054		XA331	34		XA331	33				168	9			+05RES1	260				RR1	DP				B04
00053		XA331	33		XA331	04				168	9			+05RES1	265				RR1	DP				B04
00052		XA331	04		XA331	03				168	9			+05RES1	270				RR1	AP				B04
00051		XA331	03		XA337	03				168	9			+05RES1	275				RR1	AP				B04
00063		XA337	03		XA337	04				168	9			+05RES1	280				RR4	AP				B04
00064		XA337	04		XA337	13				168	9			+05RES1	285				RR4	AP				B04
00065		XA337	13		XA337	14				168	9			+05RES1	290				RR4	BP				B04
00066		XA337	14		XA337	33				168	9			+05RES1	295				RR4	BP				B04
00067		XA337	33		XA337	34				168	9			+05RES1	300				RR4	DP				B04
00068		XA337	34		XA337	49				168	9			+05RES1	305				RR4	DP				B04
00069		XA337	49		XA337	50				168	9			+05RES1	310				RR4	EP				B04
00070		XA337	50		XA337	79				168	9			+05RES1	315				RR4	EP				B04
00071		XA337	79		XA337	80				168	9			+05RES1	320				RR4	HP				B04
										****	SIGNAL			(+05RES1)						IS ON THE				NEXT PAGE ****

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UNIT ASSEMBLY NAME		CARD CAGE ASSY, I/O UNIT		PART IDENT		T3931JX2		DATE		09-03-82		PAGE		9								
RECORD NUMBER	PREFIX	CONNECTOR	PIN	PREFIX	CONNECTOR	PIN	WIRE	CODE	COLOR	IDENT	SIGNAL	SEC NO	EQUATION	TEST POINT	LOAD OR POWER PLANE	TEST POINTS	SIGNAL DESCRIPTION	SEC NO				
00072		XA337	80		XA107	65	PD	1ED	2		+05RES1	325						B04				
00011		XA107	65								+05RES1	330						B04				
00190		XA301	75		XA301	73		16B	9		+05VCI	01										
00191		XA301	73		XA107	24		16B	9		+05VCI	02										
00192		XA107	24								+05VCI	03										
00218		XA301	77		XA204	79		16B	9		+05VIC	01										
00216		XA204	79		XA204	69		16B	9		+05VIC	02										
00215		XA204	65		XA204	55		16B	9		+05VIC	03										
00212		XA204	59		XA204	49		16B	9		+05VIC	04										
00211		XA204	45		XA204	33		16B	9		+05VIC	05										
00208		XA204	33		XA204	21		16B	9		+05VIC	06										
00207		XA204	21		XA107	30		16B	9		+05VIC	07										
00205		XA107	30		XA120	79		16B	9		+05VIC	08										
00202		XA120	79		XA120	69		16B	9		+05VIC	09										
00203		XA120	69		XA121	79		16B	9		+05VIC	10										
00200		XA121	79		XA337	21		16B	9		+05VIC	11										
00198		XA337	21		XA337	59		16B	9		+05VIC	12										
00195		XA337	59		XA337	69		16B	9		+05VIC	13										
00194		XA337	69		XA301	79		16B	9		+05VIC	14										
00219		XA301	79								+05VIC	15										
20845		J01	L6		XA201	09		JB	1ED	2	+5AXIC	01						B06				
00249		XA201	09		XA318	80		16B	9		+5AXIC	03						B05				
00243		XA318	80		XA318	79		16B	9		+5AXIC	04						B05				
00244		XA318	79		XA331	21		16B	9		+5AXIC	05						B05				
00245		XA331	21		XA331	22		16B	9		+5AXIC	06						B05				
00246		XA331	22		XA331	14		16B	9		+5AXIC	07						B05				
00247		XA331	14		XA331	13		16B	9		+5AXIC	08						B05				
00248		XA331	13		XA421	06		16B	9		+5AXIC	09						B06				
00242		XA421	06		XA421	74		16B	9		+5AXIC	10						B06				
00241		XA421	74		XA514	06		16B	9		+5AXIC	11						B06				
00240		XA514	06		XA513	06		16B	9		+5AXIC	12										
00239		XA513	06		XA512	06		16B	9		+5AXIC	13										
00238		XA512	06		XA511	06		16B	9		+5AXIC	14										
00237		XA511	06		XA510	06		16B	9		+5AXIC	15										
00236		XA510	06		XA510	74		16B	9		+5AXIC	16						B06				
00235		XA510	74		XA511	74		16B	9		+5AXIC	17										
00234		XA511	74		XA512	74		16B	9		+5AXIC	18										
00233		XA512	74		XA513	74		16B	9		+5AXIC	19										
00232		XA513	74		XA514	74		16B	9		+5AXIC	20										
00231		XA514	74								+5AXIC	21						B06				
20847		J01	L5		XA201	10		JB	1ED	0	+5AXIR	01						B06				
00229		XA201	10								+5AXIR	03										
00252		XA302	63		XA302	65		16B	9		+5I0DC	01										
00253		XA302	65		XA303	65		16B	9		+5I0DC	02										
00254		XA303	65		XA303	63		16B	9		+5I0DC	03										
											****		SIGNAL		+5I0DC		IS ON THE		NEXT PAGE		****	

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UNIT ASSEMBLY NAME		CARD CAGE ASSY, I/O UNIT										FILE IDENT		T398IUX2		DATE		09-23-82		PAGE		10			
RECORD NUMBER	FROM				TO				WIRE				SIGNAL	SEC NO	EQUATION	TERM	FACTOR	CMT OR CHIP TYPE	GROUP	LOAD UP 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	
00255 03721	XA303	63			XA107	36			LR	LED	2		+5I0DC +5I0DC	04 05				EXT MTS					B05 B05		
00257 00258 00259	XA302	64 66 66			XA302	66 66 64				16B	9 9 9		+5I0DG +5I0DG +5I0DG	01 02 03				EXT EXT EXT							
00260 20848	XA303	64			XA106	32			LR	LED	0		+5I0DG +5I0DG	04 05				EXT SHT					B05 C03		
01724 02683	XA106	32			XA403	64			A4	LED	0		+5I0EG +5I0EG	01 02				SHT EXT					C03 C03		
06643 06642	XA201	23 21			XA201	21 19				16B	9 9		+5I0ET +5I0ET	00 00A				EXT EXT					C10 C10		
06641 21338	XA201	19			XA107	36			2B	LED	2		+5I0ET	00B				EXT					C10		
06744 06745	XA107	36			XA403	63			A4	LED	2		+5I0ET	00C				MTS					B05		
00261 00262	XA403	63 65			XA403	65 79				16B	9 9		+5I0ET +5I0ET	00F 005				EXT EXT							
00263 00264 00265	XA503	79 77 75			XA503	77 75 73				16B	9 9 9		+5I0ET +5I0ET +5I0ET	01 02 03				EXT EXT EXT							
21389 21390	XA503	73 71			XA503	71				16B	9		+5I0ET	04 05				EXT EXT							
00271 00267 00268	XA201	20 32			XA107	32			2B	LED	0		+5I0ETR +5I0ETR	01 02				EXT MTS					C10 C10		
00269 00270	XA107	26			XA201	77			PG	LED	2		+5LAMP	005				MTS							
20235 20849	XA201	77 79			XA201	79 79				16B	9 9		+5LAMP +5LAMP	01 02				EXT EXT							
00272 00273 00274 00275 00276	XA202	79 77			XA202	77				16B	9		+5LAMP	03 04				EXT EXT							
00277 00279 00278	XA107	16 78			XA201	78			PG	LED	0		+5LAMP +5LAMP	01 02				MTS EXT							
00272 00273 00274 00275 00276	XA107	46 23 21 22 12			XA107	23 21 22 12				16B	9 9 9 9		+5RE1I +5RE1I +5RE1I +5RE1I	01 02 03 04 05				MTS MTS MTS MTS							
00277 00279 00278	XA107	66 28 64			XA107	28 64				1B0	2 2		+5RE2I +5RE2I +5RE2I	01 02 03				MTS MTS MTS					B05 B05 B05		
06638 21325 00086 00087	XA107	66 28 64			XA107	64				1B0	2		+5RE2I	03				MTS					B05		
06638 21325	XA201	05 07			XA107	07 49			2A AZ	LED LED	2 2		+5V0CF +5V0CF	00C 01				EXT MTS					C10 C13		
00086 00087	XA410	49 50			XA410	50 59				16B	9 9		+5V0CF +5V0CF	02 03				RR4 EP RR4 EP					C13 C13		
													****	SIGNAL	(+5V0CF)	IS ON THE NEXT PAGE ****									

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 UNIT ASSEMBLY NAME CARD CAGE ASSY, I/O UNIT

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RECORD NUMBER	FROM			TO			WIRE				SIGNAL	SQ NO	EQUATION	TERM	FACTOR	CKT OR CHIP TYPE	GROUP	LOAD OR POWER PLANE	TEST POINTS AND OR	SIGNAL DESCRIPTION	ECO NO
	PREFIX	CONNECTOR	PIN	PREFIX	CONNECTOR	PIN	MULTI GROUP	CODE	COLOR	IDENT											
00088		XA410	59		XA410	60		168	9		+5VDCF	04				RR4	FP			C13	
00089		XA410	60		XA410	69		168	9		+5VDCF	05				RR4	FP			C13	
00090		XA410	69		XA410	70		168	9		+5VDCF	06				RR4	GP			C13	
00091		XA410	70		XA410	79		168	9		+5VDCF	07				RR4	GP			C13	
00092		XA410	79		XA410	80		168	9		+5VDCF	08				RR4	HP			C13	
00093		XA410	80		XA411	80		168	9		+5VDCF	09				RR4	HP			C13	
00109		XA411	80		XA411	79		168	9		+5VDCF	10				RR4	HP			C13	
00108		XA411	79		XA411	70		168	9		+5VDCF	11				RR4	HP			C13	
00107		XA411	70		XA411	69		168	9		+5VDCF	12				RR4	GP			C13	
00106		XA411	69		XA411	60		168	9		+5VDCF	13				RR4	GP			C13	
00105		XA411	60		XA411	59		168	9		+5VDCF	14				RR4	FP			C13	
00104		XA411	59		XA411	50		168	9		+5VDCF	15				RR4	FP			C13	
00103		XA411	50		XA411	49		168	9		+5VDCF	16				RR4	EP			C13	
00102		XA411	49		XA429	80		168	9		+5VDCF	17				RR4	EP			C13	
00125		XA429	80		XA429	79		168	9		+5VDCF	520				RR4	HP			B05	
00124		XA429	79		XA429	70		168	9		+5VDCF	525				RR4	HP			B05	
00123		XA429	70		XA429	69		168	9		+5VDCF	530				RR4	GP			B05	
00122		XA429	69		XA429	60		168	9		+5VDCF	535				RR4	GP			B05	
00121		XA429	60		XA429	59		168	9		+5VDCF	540				RR4	FP			B05	
00120		XA429	59		XA429	50		168	9		+5VDCF	545				RR4	FP			B05	
00119		XA429	50		XA429	49		168	9		+5VDCF	550				RR4	EP			B05	
00118		XA429	49		XA429	34		168	9		+5VDCF	555				RR4	EP			B05	
00117		XA429	34		XA429	33		168	9		+5VDCF	560				RR4	DP			B05	
00116		XA429	33		XA429	22		168	9		+5VDCF	565				RR4	DP			B05	
00115		XA429	22		XA429	21		168	9		+5VDCF	570				RR4	CP			B05	
00114		XA429	21		XA429	14		168	9		+5VDCF	575				RR4	CP			B05	
00113		XA429	14		XA429	13		168	9		+5VDCF	580				RR4	BP			B05	
00112		XA429	13		XA429	04		168	9		+5VDCF	585				RR4	BP			B05	
00111		XA429	04		XA429	03		168	9		+5VDCF	590				RR4	AP			B05	
00110		XA429	03		XA430	33		168	9		+5VDCF	595				RR4	AP			B05	
00132		XA430	33		XA430	34		168	9		+5VDCF	630				RR4	DP			B05	
00133		XA430	34		XA430	49		168	9		+5VDCF	635				RR4	DP			B05	
00134		XA430	49		XA430	50		168	9		+5VDCF	640				RR4	EP			B05	
00135		XA430	50		XA430	59		168	9		+5VDCF	645				RR4	EP			B05	
00136		XA430	59		XA430	60		168	9		+5VDCF	650				RR4	FP			B05	
00137		XA430	60		XA545	80		168	9		+5VDCF	655				RR4	FP			B05	
00189		XA545	80		XA545	79		168	9		+5VDCF	680				RR4	HP			B05	
00188		XA545	79		XA545	70		168	9		+5VDCF	685				RR4	HP			B05	
00187		XA545	70		XA545	69		168	9		+5VDCF	690				RR4	GP			B05	
00186		XA545	69		XA545	60		168	9		+5VDCF	695				RR4	GP			B05	
00185		XA545	60		XA545	59		168	9		+5VDCF	700				RR4	FP			B05	
00184		XA545	59		XA545	50		168	9		+5VDCF	705				RR4	FP			B05	
00183		XA545	50		XA545	49		168	9		+5VDCF	710				RR4	EP			B05	
00182		XA545	49		XA545	34		168	9		+5VDCF	715				RR4	EP			B05	
00181		XA545	34		XA545	33		168	9		+5VDCF	720				RR4	DP			B05	
00180		XA545	33		XA545	22		168	9		+5VDCF	725				RR4	DP			B05	
00179		XA545	22		XA545	21		168	9		+5VDCF	730				RR4	CP			B05	
00178		XA545	21		XA545	14		168	9		+5VDCF	735				RR4	CP			B05	
00177		XA545	14		XA545	13		168	9		+5VDCF	740				RR4	BP			B05	
00176		XA545	13		XA545	04		168	9		+5VDCF	745				RR4	BP			B05	
								***		SIGNAL	(+5VDCF									IS ON THE NEXT PAGE	****

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UNIT ASSEMBLY NAME CARD CAGE ASSY, I/O UNIT

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RECORD NUMBER	FROM			TO			WIRE				SIGNAL	SEQ NO	EQUATION	TERM	FACTOR	CKT OR CHIP TYPE	UNIT	LOAD OR POWER PLANE	TEST POINTS (AND OR)	SIGNAL DESCRIPTION	ECO NO
	PREFIX	CONNECTOR	PIN	PREFIX	CONNECTOR	PIN	MULTI GROUP	CODE	COLOR	IDENT											
00175		XA545	04		XA545	03					16B	9					RR4	AP			B05
00174		XA545	03		XA532	03					16B	9					RR4	AP			B05
00158		XA532	03		XA532	04					16B	9					RR4	AP			B05
00159		XA532	04		XA532	13					16B	9					RR4	AP			B05
00160		XA532	13		XA532	14					16B	9					RR4	BP			B05
00161		XA532	14		XA532	21					16B	9					RR4	BP			B05
00162		XA532	21		XA532	22					16B	9					RR4	CP			B05
00163		XA532	22		XA532	33					16B	9					RR4	CP			B05
00164		XA532	33		XA532	34					16B	9					RR4	DP			B05
00165		XA532	34		XA532	49					16B	9					RR4	DP			B05
00166		XA532	49		XA532	50					16B	9					RR4	EP			B05
00167		XA532	50		XA532	59					16B	9					RR4	EP			B05
00168		XA532	59		XA532	60					16B	9					RR4	FP			B05
00169		XA532	60		XA532	69					16B	9					RR4	FP			B05
00170		XA532	69		XA532	70					16B	9					RR4	GP			B05
00171		XA532	70		XA532	79					16B	9					RR4	GP			B05
00172		XA532	79		XA532	80					16B	9					RR4	HP			B05
00173		XA532	80		XA519	80					16B	9					RR4	HP			C13
00157		XA519	80		XA519	79					16B	9					RR4	HP			C13
00156		XA519	79		XA519	70					16B	9					RR4	HP			C13
00155		XA519	70		XA519	69					16B	9					RR4	GP			C13
00154		XA519	69		XA519	60					16B	9					RR4	GP			C13
00153		XA519	60		XA519	59					16B	9					RR4	FP			C13
00152		XA519	59		XA519	50					16B	9					RR4	FP			C13
00151		XA519	50		XA519	49					16B	9					RR4	EP			C13
00150		XA519	49		XA519	34					16B	9					RR4	EP			C13
00149		XA519	34		XA519	33					16B	9					RR4	DP			B05
00148		XA519	33		XA519	22					16B	9					RR4	DP			B05
00147		XA519	22		XA519	21					16B	9					RR4	CP			B05
00146		XA519	21		XA519	14					16B	9					RR4	CP			B05
00145		XA519	14		XA519	13					16B	9					RR4	BP			B05
00144		XA519	13		XA519	04					16B	9					RR4	BP			B05
00143		XA519	04		XA519	03					16B	9					RR4	AP			B05
00142		XA519	03		XA107	61		BR	1ED	2							RR4	AP			B05
03725		XA107	61		XA201	17		2C	1ED	2							MTS				C10
06640		XA201	17		XA201	13					16B	9					EXT				C10
06639		XA201	13		XA201	05					16B	9					EXT				C10
21391		XA201	05														EXT				C10
21392		XA107	58		XA201	18		2C	1ED	0							MTS				C10
21393		XA201	18														EXT				C10
01723		XA106	16		XA410	44		AZ	1ED	0							SHT				C13
21458		XA410	44														RR4				C13
20232		XA107	08		XA107	12					1BD	2					MTS				B05
21340		XA107	12														MTS				B05
03724		XA107	37		XA108	12					1BD	2					MTS				B05
21341		XA108	12														TT3				B05

DRAWING NUMBER		UNIT ASSEMBLY NAME										STRING		UNIT ASSEMBLY NO.		REV		INDEX		DATE		PAGE		ECO NO	
149019-800		CARD CAGE ASSY, I/O UNIT												149019		G		+5VDCJ		09-03-82		13			
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	OR P.S.	PREFIX	CONNECTOR	PIN	OR P.S.	MULTI GROUP	CODE	COLOR	IDENT									SP. POINT	AND			OR
03728		XA107	62			XA108	28			1B0	2		+5VDCK	01				MTS						B05	
21342		XA108	28										+5VDCK	02				TT3						B05	
01726		XA106	58			XA519	02		BR	1E0	0		+5VDCR	01				SHT						C03	
21343		XA519	02										+5VDCR	02				RR4						B05	
20860		J01	B1			J01	D1			1B0	2		+5V01	01				EX9							
20861		J01	D1										+5V01	02				EX9							
20862		J01	C4			J01	E4			1B0	2		+5V02	01				EX9							
20863		J01	E4										+5V02	02				EX9							
20864		J01	C6			J01	E6			1B0	2		+5V03	01				EX9							
20865		J01	E6										+5V03	02				EX9							
20866		J01	C2			J01	F1			1B0	2		+5V04	01				EX9							
20867		J01	F1										+5V04	02				EX9							
20868		J01	B3			J01	F3			1B0	2		+5V05	01				EX9							
20869		J01	F3										+5V05	02				EX9							
20870		J01	D5			J01	F5			1B0	2		+5V06	01				EX9							
20871		J01	F5										+5V06	02				EX9							
20872		J01	D3			J01	N2			1B0	2		+5V07	01				EX9							
20873		J01	N2										+5V07	02				EX9							
20874		J01	E3			XA201	08		PK	1E0	0		EPSFLG	01				EX9							
20236		XA201	08										EPSFLG	02				EXT							
20875		J01	E2			XA201	07		PK	1E0	2		EPSFLT	01				EX9							
20237		XA201	07										EPSFLT	02				EXT							
03151		XA120	22			XA120	21			16B	9		GNDRES	01				RR4	CP						
03152		XA120	21			XA120	13			16B	9		GNDRES	02				RR4	CP						
03153		XA120	13			XA120	14			16B	9		GNDRES	03				RR4	BP						
03154		XA120	14			XA120	04			16B	9		GNDRES	04				RR4	BP						
03155		XA120	04			XA120	03			16B	9		GNDRES	05				RR4	AP						
03156		XA120	03			XA120	02			16B	9		GNDRES	06				RR4	AP						
20897		XA120	02										GNDRES	07				RR4							
21394		XA107	02			XA201	06		2A	1E0	0		GND001	00				MTS						C10	
20238		XA201	06	1		XA201	10		1	16B	9		GND001	01				EXT						C10	
20899		XA201	10										GND001	02				EXT							
03157		XA201	72			XA201	74			16B	9		GND002	01				EXT							
03158		XA201	74			XA201	76			16B	9		GND002	02				EXT							
03159		XA201	76										GND002	03				EXT							

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STRING

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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	PL	PREFIX	CONNECTOR	PIN	PL	MULTI GROUP	CODE	COLOR	IDENT											
03200		XA203	66		XA203	64				16B	9		GND008	08				EXT					
03201		XA203	64		XA203	62				16B	9		GND008	09				EXT					
03202		XA203	62										GND008	10				EXT					
03203		XA301	08	1	XA301	10	1			16B	9		GND009	01				EXT					
03204		XA301	10										GND009	02				EXT					
03205		XA301	72		XA301	74				16B	9		GND010	01				EXT					
03206		XA301	74		XA301	76				16B	9		GND010	02				EXT					
03207		XA301	76										GND010	03				EXT					
20903		XA302	08		XA302	10				16B	9		GND011	01				EXT					
20904		XA302	10										GND011	02				EXT					
03208		XA302	76		XA302	74				16B	9		GND012	01				EXT					
03209		XA302	74		XA302	72				16B	9		GND012	02				EXT					
03210		XA302	72										GND012	03				EXT					
20905		XA304	02		XA303	02				16B	9		GND013	01			TQ2			01A			
03212		XA303	02		XA303	04				16B	9		GND013	02				EXT					
20906		XA303	04		XA303	06				16B	9		GND013	03				EXT					
20907		XA303	06		XA303	08				16B	9		GND013	04				EXT					
20908		XA303	08		XA303	10				16B	9		GND013	05				EXT					
20909		XA303	10		XA303	12				16B	9		GND013	06				EXT					
03211		XA303	12		XA303	14				16B	9		GND013	07				EXT					
20910		XA303	14		XA303	16				16B	9		GND013	08				EXT					
03213		XA303	16		XA303	18				16B	9		GND013	09				EXT					
20911		XA303	18		XA303	20				16B	9		GND013	10				EXT					
20912		XA303	20										GND013	11				EXT					
20913		XA304	16		XA303	22				16B	9		GND014	01			TQ2			01B			
20914		XA303	22		XA303	24				16B	9		GND014	02				EXT					
20915		XA303	24		XA303	26				16B	9		GND014	03				EXT					
20916		XA303	26		XA303	28				16B	9		GND014	04				EXT					
03214		XA303	28		XA303	30				16B	9		GND014	05				EXT					
20917		XA303	30		XA303	32				16B	9		GND014	06				EXT					
03215		XA303	32		XA303	34				16B	9		GND014	07				EXT					
20918		XA303	34		XA303	36				16B	9		GND014	08				EXT					
03216		XA303	36		XA303	38				16B	9		GND014	09				EXT					
20919		XA303	38		XA303	40				16B	9		GND014	10				EXT					
20920		XA303	40										GND014	11				EXT					
20921		XA304	44		XA303	42				16B	9		GND015	01			TQ2			21B			
20922		XA303	42		XA303	44				16B	9		GND015	02				EXT					
03220		XA303	44		XA303	46				16B	9		GND015	03				EXT					
20923		XA303	46		XA303	48				16B	9		GND015	04				EXT					
20924		XA303	48		XA303	50				16B	9		GND015	05				EXT					
20925		XA303	50		XA303	52				16B	9		GND015	06				EXT					
20926		XA303	52		XA303	54				16B	9		GND015	07				EXT					
20927		XA303	54		XA303	56				16B	9		GND015	08				EXT					
										****		SIGNAL	GND015								IS ON THE		NEXT PAGE ****

DRAWING NUMBER 149019-800
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RECORD NUMBER	FROM				TO				WIRE				SIGNAL	SER NO	EQUATION	TERM	FACTOR	CKT OR CHIP TYPE	LOAD OR POWER PLANE	TEST POINTS (AND/OR)	SIGNAL DESCRIPTION	ECO NO
	PREFIX	CONNECTOR	PIN	PLT ID	PREFIX	CONNECTOR	PIN	DR PG	MULTI GROUP	CODE	COLOR	IDENT										
03219		XA303	56		XA303	58				16B	9		GND015	09				EXT				
03218		XA303	58		XA303	60				16B	9		GND015	10				EXT				
03217		XA303	60										GND015	11				EXT				
20928		XA304	67		XA303	62				16B	9		GND016	00C				TQ2		40A		
03221		XA303	62		XA303	68				16B	9		GND016	01				EXT				
03222		XA303	68		XA303	70				16B	9		GND016	02				EXT				
03223		XA303	70		XA303	72				16B	9		GND016	03				EXT				
03224		XA303	72		XA303	74				16B	9		GND016	04				EXT				
03225		XA303	74		XA303	76				16B	9		GND016	05				EXT				
03226		XA303	76		XA303	78				16B	9		GND016	06				EXT				
03227		XA303	78		XA303	80				16B	9		GND016	07				EXT				
03228		XA303	80										GND016	08				EXT				
20931		XA405	02		XA404	02				16B	9		GND017	01				TDD		01B		
20932		XA404	02		XA404	04				16B	9		GND017	02				EXT				
20933		XA404	04		XA404	06				16B	9		GND017	03				EXT				
20934		XA404	06		XA404	08				16B	9		GND017	04				EXT				
20935		XA404	08		XA404	10				16B	9		GND017	05				EXT				
20936		XA404	10		XA404	12				16B	9		GND017	06				EXT				
20937		XA404	12		XA404	14				16B	9		GND017	07				EXT				
20938		XA404	14		XA404	16				16B	9		GND017	08				EXT				
20939		XA404	16		XA404	18				16B	9		GND017	09				EXT				
20940		XA404	18		XA404	20				16B	9		GND017	10				EXT				
20941		XA404	20										GND017	11				EXT				
20942		XA404	22		XA404	24				16B	9		GND018	01				EXT				
20943		XA404	24		XA404	26				16B	9		GND018	02				EXT				
20944		XA404	26		XA404	28				16B	9		GND018	03				EXT				
20945		XA404	28		XA404	30				16B	9		GND018	04				EXT				
20946		XA404	30		XA404	32				16B	9		GND018	05				EXT				
20947		XA404	32		XA404	34				16B	9		GND018	06				EXT				
20948		XA404	34		XA404	36				16B	9		GND018	07				EXT				
20949		XA404	36		XA404	38				16B	9		GND018	08				EXT				
20950		XA404	38		XA404	40				16B	9		GND018	09				EXT				
20951		XA404	40		XA405	32				16B	9		GND018	10				EXT				
20952		XA405	32										GND018	11				TDD		21B		
20953		XA405	44		XA404	42				16B	9		GND019	01				TDD		27A		
20954		XA404	42		XA404	44				16B	9		GND019	02				EXT				
20955		XA404	44		XA404	46				16B	9		GND019	03				EXT				
20956		XA404	46		XA404	48				16B	9		GND019	04				EXT				
20957		XA404	48		XA404	50				16B	9		GND019	05				EXT				
20958		XA404	50		XA404	52				16B	9		GND019	06				EXT				
20959		XA404	52		XA404	54				16B	9		GND019	07				EXT				
20960		XA404	54		XA404	56				16B	9		GND019	08				EXT				
20961		XA404	56		XA404	58				16B	9		GND019	09				EXT				
20962		XA404	58		XA404	60				16B	9		GND019	10				EXT				
20963		XA404	60										GND019	11				EXT				
													****	SIGNAL	(GND020)	IS ON THE NEXT PAGE				****		

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RECORD NUMBER	FROM			TO			WIRE				SIGNAL	SEC NO	EQUATION	TERM	FACTOR	PKT OR CHIP TYPE	LOAD OR POWER PLANE	TEST POINTS AND OR	SIGNAL DESCRIPTION	ECO NO
	PREFIX	CONNECTOR	PIN	PREFIX	CONNECTOR	PIN	SP 10	MULTI GROUP	CODE	COLOR										
20964		XA405	67		XA404	62			16B	9		GND020	01							
20965		XA404	62		XA404	64			16B	9		GND020	02					40B		
20966		XA404	64		XA404	66			16B	9		GND020	03							
20967		XA404	66		XA404	68			16B	9		GND020	04							
20968		XA404	68		XA404	70			16B	9		GND020	05							
20969		XA404	70		XA404	72			16B	9		GND020	06							
20970		XA404	72		XA404	78			16B	9		GND020	07							001
20239		XA404	78		XA404	80			16B	9		GND020	10							
20973		XA404	80									GND020	11							
20975		XA502	02		XA502	04			16B	9		GND021	02							
20976		XA502	04		XA502	06			16B	9		GND021	03							
20977		XA502	06		XA502	08			16B	9		GND021	04							
20978		XA502	08		XA502	10			16B	9		GND021	05							
20979		XA502	10		XA502	12			16B	9		GND021	06							
20980		XA502	12		XA502	14			16B	9		GND021	07							
20981		XA502	14		XA502	16			16B	9		GND021	08							
20982		XA502	16		XA502	18			16B	9		GND021	09							
20983		XA502	18		XA502	20			16B	9		GND021	10							
20984		XA502	20									GND021	11							
20985		XA501	16		XA502	22			16B	9		GND022	01							
20986		XA502	22		XA502	24			16B	9		GND022	02							
20987		XA502	24		XA502	26			16B	9		GND022	03							
20988		XA502	26		XA502	28			16B	9		GND022	04							
20989		XA502	28		XA502	30			16B	9		GND022	05							
20990		XA502	30		XA502	32			16B	9		GND022	06							
20991		XA502	32		XA502	34			16B	9		GND022	07							
20992		XA502	34		XA502	36			16B	9		GND022	08							
20993		XA502	36		XA502	38			16B	9		GND022	09							
20994		XA502	38		XA502	40			16B	9		GND022	10							
20995		XA502	40									GND022	11							
20996		XA501	44		XA502	42			16B	9		GND023	01							
20997		XA502	42		XA502	44			16B	9		GND023	02							
20998		XA502	44		XA502	46			16B	9		GND023	03							
20999		XA502	46		XA502	48			16B	9		GND023	04							
21000		XA502	48		XA502	50			16B	9		GND023	05							
21001		XA502	50		XA502	52			16B	9		GND023	06							
21002		XA502	52		XA502	54			16B	9		GND023	07							
21003		XA502	54		XA502	56			16B	9		GND023	08							
21004		XA502	56		XA502	58			16B	9		GND023	09							
21005		XA502	58		XA502	60			16B	9		GND023	10							
21006		XA502	60									GND023	11							
21007		XA501	66		XA502	62			16B	9		GND024	01							
21008		XA502	62		XA502	64			16B	9		GND024	02							
21009		XA502	64		XA502	66			16B	9		GND024	03							
21010		XA502	66		XA502	68			16B	9		GND024	04							
21011		XA502	68		XA502	70			16B	9		GND024	05							
									****	SIGNAL	(GND024			IS 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 CP 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											
21012		XA502	70			XA502	72				16B	9		GND024	06			EXT					
21013		XA502	72			XA502	74				16B	9		GND024	07			EXT					
21014		XA502	74			XA502	76				16B	9		GND024	08			EXT					
21015		XA502	76			XA502	78				16B	9		GND024	09			EXT					
21016		XA502	78			XA502	80				16B	9		GND024	10			EXT					
21017		XA502	80											GND024	11			EXT					
03483		XA107	02			XA107	04				16B	9		G10702	01			MTS					
03484		XA107	04			XA107	03				16B	9		G10702	02			MTS					
03485		XA107	03			XA107	01				16B	9		G10702	03			MTS					
03486		XA107	01											G10702	04			MTS					
21062		XA107	15	1		XA107	16	1			16B	9		G10716	01			MTS					
21063		XA107	16											G10716	02			MTS					
21066		XA107	52	1		XA107	58	1			16B	9		G10758	01			MTS					
20240		XA107	58											G10758	02			MTS					
21067		XA107	63			XA107	67				16B	9		G10767	01			MTS					
21068		XA107	67											G10767	02			MTS					
21352		XA120	32			XA120	40				16B	9		G12032	01			RR4					B05
03476		XA120	40			XA120	30				16B	9		G12032	02			RR4	DC				B05
03477		XA120	30			XA120	18				16B	9		G12032	03			RR4	CC				B05
03480		XA120	18			XA120	06				16B	9		G12032	04			RR4	BC				B05
03481		XA120	06			XA121	02				16B	9		G12032	05			RR4	AC				B05
21345		XA121	02											G12032	06			RR4					B05
21346		XA120	67	1		XA120	77	1			16B	9		G12044	01			RR4					B05
03467		XA120	77			XA120	74				16B	9		G12044	02			RR4	HC				B05
03469		XA120	74			XA120	64				16B	9		G12044	03			RR4	GC				B05
03472		XA120	64			XA120	54				16B	9		G12044	04			RR4	FC				B05
03473		XA120	54			XA120	44				16B	9		G12044	05			RR4	EC				B05
21347		XA120	44											G12044	06			RR4					B05
21348		XA121	32			XA121	40				16B	9		G12102	01			RR4					B05
03475		XA121	40			XA121	30				16B	9		G12102	02			RR4	DC				B05
03478		XA121	30			XA121	18				16B	9		G12102	03			RR4	CC				B05
03479		XA121	18			XA121	06				16B	9		G12102	04			RR4	BC				B05
03482		XA121	06			XA121	02				16B	9		G12102	05			RR4	AC				B05
21349		XA121	02											G12102	06			RR4					B05
21350		XA121	67	1		XA121	77	1			16B	9		G12144	01			RR4					B05
03468		XA121	77			XA121	74				16B	9		G12144	02			RR4	HC				B05
03470		XA121	74			XA121	64				16B	9		G12144	03			RR4	GC				B05
03471		XA121	64			XA121	54				16B	9		G12144	04			RR4	FC				B05
03474		XA121	54			XA121	44				16B	9		G12144	05			RR4	EC				B05
21351		XA121	44											G12144	06			RR4					B05
21353		XA204	32			XA204	40				16B	9		G20402	01			RR4					B05
											****		SIGNAL (G20402)										IS ON THE NEXT PAGE ****

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RECORD NUMBER	FROM				TO				WIRE				SIGNAL	SEQ NO	EQUATION	TERM	FACTOR	CKT OR CHIP TYPE	SPOF	LOAD OR POWER PLANE	TEST POINTS AND/OR	SIGNAL DESCRIPTION	ECO NO
	PREFIX	CONNECTOR	PIN	SH P	PREFIX	CONNECTOR	PIN	SH P	MULTI GROUP	CODE	COLOR	IDENT											
03463		XA204	40			XA204	30			16B	9			G20402	02			RR4	DC			B05	
03464		XA204	30			XA204	18			16B	9			G20402	03			RR4	CC			B05	
03465		XA204	18			XA204	06			16B	9			G20402	04			RR4	BC			B05	
03466		XA204	06			XA204	02			16B	9			G20402	05			RR4	AC			B05	
21354		XA204	02											G20402	06			RR4				B05	
21355		XA204	67	1		XA204	74	1		16B	9			G20444	01			RR4				B05	
03459		XA204	74			XA204	77			16B	9			G20444	02			RR4	GC			B05	
03460		XA204	77			XA204	64			16B	9			G20444	03			RR4	HC			B05	
03461		XA204	64			XA204	54			16B	9			G20444	04			RR4	FC			B05	
03462		XA204	54			XA204	44			16B	9			G20444	05			RR4	EC			B05	
21356		XA204	44											G20444	06			RR4				B05	
21357		XA337	02			XA337	06			16B	9			G33702	00			RR4				B05	
03395		XA337	06			XA337	18			16B	9			G33702	01			RR4	AC			B05	
03396		XA337	18			XA337	30			16B	9			G33702	02			RR4	BC			B05	
03397		XA337	30			XA337	40			16B	9			G33702	03			RR4	CC			B05	
03398		XA337	40			XA337	32			16B	9			G33702	04			RR4	DC			B05	
02545		XA337	32											G33702	05			RR4				B05	
02546		XA337	44			XA337	54			16B	9			G33744	01			RR4				B05	
03395		XA337	54			XA337	64			16B	9			G33744	02			RR4	EC			B05	
03400		XA337	64			XA337	74			16B	9			G33744	03			RR4	FC			B05	
03401		XA337	74			XA337	77			16B	9			G33744	04			RR4	GC			B05	
03402		XA337	77			XA337	67			16B	9			G33744	05			RR4	HC			B05	
21358		XA337	67											G33744	06			RR4				B05	
03487		XA403	74			XA403	76			16B	9			G40344	01			EXT					
03488		XA403	76	3		XA504	02	3		16B	9			G40344	02			EXT					
03489		XA504	02											G40344	03							A01	
21359		XA410	32			XA410	40			16B	9			G41002	01			RR4				B05	
03452		XA410	40			XA410	30			16B	9			G41002	02			RR4	DC			B05	
03453		XA410	30			XA410	18			16B	9			G41002	03			RR4	CC			B05	
03456		XA410	18			XA410	06			16B	9			G41002	04			RR4	BC			B05	
03457		XA410	06			XA410	02			16B	9			G41002	05			RR4	AC			B05	
21360		XA410	02											G41002	06			RR4				B05	
21361		XA410	67			XA410	77			16B	9			G41044	01			RR4				B05	
03444		XA410	77			XA410	74			16B	9			G41044	02			RR4	HC			B05	
03445		XA410	74			XA410	64			16B	9			G41044	03			RR4	GC			B05	
03448		XA410	64			XA410	54			16B	9			G41044	04			RR4	FC			B05	
03446		XA410	54			XA410	44			16B	9			G41044	05			RR4	EC			B05	
21362		XA410	44											G41044	06			RR4				B05	
21363		XA411	32			XA411	40			16B	9			G41102	01			RR4				B05	
03451		XA411	40			XA411	30			16B	9			G41102	02			RR4	DC			B05	
03454		XA411	30			XA411	18			16B	9			G41102	03			RR4	CC			B05	
03455		XA411	18			XA411	06			16B	9			G41102	04			RR4	BC			B05	
03458		XA411	06			XA411	02			16B	9			G41102	05			RR4	AC			B05	
										****			SIGNAL (G41102)									S 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 JP	SIGNAL DESCRIPTION	ECO NO
	PREFIX	CONNECTOR	PIN	PIN	PREFIX	CONNECTOR	PIN	SH FT	MULTI GROUP	CODE											
21364		XA411	02									G41102	06			RR4					B05
21365		XA411	67		XA411	77			168	9		G41144	01			RR4					B05
03443		XA411	77		XA411	74			168	9		G41144	02			RR4	HC				B05
03446		XA411	74		XA411	64			168	9		G41144	03			RR4	GC				B05
03447		XA411	64		XA411	54			168	9		G41144	04			RR4	FC				B05
03450		XA411	54		XA411	44			168	9		G41144	05			RR4	EC				B05
21366		XA411	44									G41144	06			RR4					B05
21367		XA429	02		XA429	06			168	9		G42902	01			RR4					B05
03404		XA429	06		XA429	18			168	9		G42902	02			RR4	AC				B05
03405		XA429	18		XA429	30			168	9		G42902	03			RR4	BC				B05
03408		XA429	30		XA429	40			168	9		G42902	04			RR4	CC				B05
03409		XA429	40		XA429	32			168	9		G42902	05			RR4	DC				B05
21368		XA429	32									G42902	06			RR4					B05
21369		XA429	44		XA429	54			168	9		G42944	01			RR4					B05
03412		XA429	54		XA429	64			168	9		G42944	02			RR4	EC				B05
03413		XA429	64		XA429	74			168	9		G42944	03			RR4	FC				B05
03416		XA429	74		XA429	77			168	9		G42944	04			RR4	GC				B05
03418		XA429	77		XA429	67			168	9		G42944	05			RR4	HC				B05
21370		XA429	67									G42944	06			RR4					B05
21371		XA430	02		XA430	06			168	9		G43002	01			RR4					B05
03403		XA430	06		XA430	18			168	9		G43002	02			RR4	AC				B05
03406		XA430	18		XA430	30			168	9		G43002	03			RR4	BC				B05
03407		XA430	30		XA430	40			168	9		G43002	04			RR4	CC				B05
03410		XA430	40		XA430	32			168	9		G43002	05			RR4	DC				B05
21372		XA430	32									G43002	06			RR4					B05
21373		XA430	44		XA430	54			168	9		G43044	01			RR4					B05
03411		XA430	54		XA430	64			168	9		G43044	02			RR4	EC				B05
03414		XA430	64		XA430	74			168	9		G43044	03			RR4	FC				B05
03415		XA430	74		XA430	77			168	9		G43044	04			RR4	GC				B05
03417		XA430	77		XA430	67			168	9		G43044	05			RR4	HC				B05
21374		XA430	67									G43044	06			RR4					B05
03490		XA501	76		XA501	74			168	9		G50144	01			EXT					
03491		XA501	74	3	XA504	58		3	168	9		G50144	02			EXT					
03492		XA504	58									G50144	03								A01
21375		XA519	02		XA519	06			168	9		G51902	01			RR4					B05
03435		XA519	06		XA519	18			168	9		G51902	02			RR4	AC				B05
03436		XA519	18		XA519	30			168	9		G51902	03			RR4	BC				B05
03437		XA519	30		XA519	40			168	9		G51902	04			RR4	CC				B05
03438		XA519	40		XA519	32			168	9		G51902	05			RR4	DC				B05
21376		XA519	32									G51902	06			RR4					B05
21377		XA519	44		XA519	54			168	9		G51944	01			RR4					C02
03439		XA519	54		XA519	64			168	9		G51944	02			RR4	EC				B05
									****	SIGNAL		(G51944)									IS ON THE NEXT PAGE ****

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	PREFIX	CONNECTOR	PIN	PREFIX	CONNECTOR	PIN	MULTI GROUP	CODE	COLOR											
03525		XA203	03		XA204	19		16B	9					EXT						
03526		XA204	19		XA308	50		16B	9					RR4	B5					
03527		XA308	50		XA427	09		16B	9		TRCMR0	01	4	TD4	D2		23A			
03528		XA427	09								JBSTAD4	00	1	TLD	A3		04B			BOOTSTRAP 2 TO CPU
20244		XA203	37		XA108	76		16B	9		JCPUEB4	005		EXT						
03529		XA108	76		XA337	53		16B	9		JCPUEB4	01	2	TT3	F3		37A			
03530		XA337	53								JCPUEB4	02		RR4	F4					
03533		XA348	06		XA337	72		16B	9	P	TS00SD	03	JDB00B4	02	1	TLD	A1	05A		STATE COUNTER TO
03534		XA337	72		XA427	38		16B	9		JDB00B4	04		RR4	G1					
03535		XA427	38		XA301	01		16B	9	P	TA00SD	05	JDB00B4	03	1	TLD	C1	18A		ADDRESS TO CPU
03536		XA301	01		XA125	11	BS	1EB	9		JDB00B4	06		EXT						
03531		XA125	11		XA127	66		16B	9		JDB00B4	07	TCB000	01	1	THI	A1	07A		CPU BUSS BIT 0
03532		XA127	66							P	TD00CD	08	JDB00B4	01	1	TLD	E1	31A		DATA TO CPU
21395		XA301	02		XA125	16	BS	1EB	0		JDB00G	01		EXT						C07
21396		XA125	16								JDB00G	02		THI			20B			C07
03539		XA427	30		XA337	38		16B	9	P	TA01SD	03	JDB01B4	03	1	TLD	C2	15A		ADDRESS TO CPU
03540		XA337	38		XA348	38		16B	9		JDB01B4	04		RR4	C2					
03541		XA348	38		XA301	03		16B	9	P	TS01SD	05	JDB01B4	02	1	TLD	C1	18A		STATE COUNTER TO
03542		XA301	03		XA125	06	BT	1EB	9		JDB01B4	06		EXT						
03537		XA125	06		XA127	60		16B	9		JDB01B4	07	TCB010	01	1	THI	A2	05A		CPU BUSS BIT 1
03538		XA127	60							P	TD01CD	08	JDB01B4	01	1	TLD	E2	28A		DATA TO CPU
21397		XA301	04		XA125	02	BT	1EB	0		JDB01G	01		EXT						C07
21398		XA125	02								JDB01G	02		THI			01A			C07
03545		XA427	33		XA348	30		16B	9	P	TA02SD	03	JDB02B4	03	1	TLD	C3	16B		ADDRESS TO CPU
03546		XA348	30		XA337	29		16B	9	P	TS02SD	04	JDB02B4	02	1	TLD	C2	15A		STATE COUNTER TO
03547		XA337	29		XA301	05		16B	9		JDB02B4	05		RR4	C5					
03548		XA301	05		XA125	04	BU	1EB	9		JDB02B4	06		EXT						
03543		XA125	04		XA127	57		16B	9		JDB02B4	07	TCB020	01	1	THI	A3	02A		CPU BUSS BIT 2
03544		XA127	57							P	TD02CD	08	JDB02B4	01	1	TLD	E3	30B		DATA TO CPU
21399		XA301	06		XA125	02	BU	1EB	0		JDB02G	01		EXT						C07
21400		XA125	02								JDB02G	02		THI			01A			C07
03553		XA127	63		XA125	05		16B	9	P	TD03CD	05	JDB03B4	01	1	TLD	E4	33B		DATA TO CPU
03554		XA125	05		XA301	07	BV	1EB	9		JDB03B4	06	TCB030	01	1	THI	A4	03B		CPU BUSS BIT 3
03549		XA301	07		XA427	39		16B	9		JDB03B4	07		EXT						C07
03550		XA427	39		XA348	52		16B	9	P	TA03SD	08	JDB03B4	03	1	TLD	C4	19B		ADDRESS TO CPU
03551		XA348	52		XA337	36		16B	9	P	TS03SD	09	JDB03B4	02	1	TLD	D1	24A		STATE COUNTER TO
03552		XA337	36								JDB03B4	10		RR4	C1					C07
21401		XA126	02		XA301	08	BV	1EB	0		JDB03G	01		TLD			01A			C07
21402		XA301	08								JDB03G	02		EXT						C07
03559		XA127	75		XA125	09		16B	9	P	TD04CD	05	JDB04B4	01	1	TLD	F1	37B		DATA TO CPU
								****			SIGNAL (JDB04B4)									IS ON THE NEXT PAGE ****

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RECORD NUMBER	FROM				TO				MULTI GROUP	WIRE CODE	WIRE COLOR	IDENT	SFC INST MISC	SIGNAL	SFC NO	EQUATION	TERM	FACTOR	CKT OR CHIP TYPE	GROUP	LOAD OR POWER PLANE	TEST POINTS AND OF	SIGNAL DESCRIPTION	ECO NO
	PREFIX	CONNECTOR	PIN	SH PG	PREFIX	CONNECTOR	PIN	SH PG																
03560		XA125	09		XA301	09		BW	1E8	9			JDB04B4	06	TCB040	01	1	THI	A5		05B	CPU BUSS BIT 4	C07	
03555		XA301	09		XA348	46			16B	9			JDB04B4	07				EXT					C07	
03556		XA348	46		XA337	63			16B	9	P		TS04SD	08	JDB04B4	02	1	TLD	D2		21A	STATE COUNTER TO	C07	
03557		XA337	63		XA427	52			16B	9			JDB04B4	09				RR4	G4				C07	
03558		XA427	52								P		TA04SD	10	JDB04B4	03	1	TLD	D1		24A	ADDRESS TO CPU	C07	
21403		XA125	16		XA301	08		BW	1E8	0			JDB04G	01				THI			20B		C07	
21404		XA301	08										JDB04G	02				EXT					C07	
03561		XA301	11		XA125	15		BX	1E8	9			JDB05B4	01				EXT					C07	
03562		XA125	15		XA127	72			16B	9			JDB05B4	02	TCB050	01	1	THI	A6		07B	CPU BUSS BIT 5		
03563		XA127	72		XA427	46			16B	9	P		TD05CD	03	JDB05B4	01	1	TLD	F2		34A	DATA TO CPU		
03564		XA427	46		XA337	65			16B	9	P		TA05SD	04	JDB05B4	03	1	TLD	D2		21A	ADDRESS TO CPU		
03565		XA337	65		XA348	66			16B	9			JDB05B4	05				RR4	G3					
03566		XA348	66								P		TS05SD	06	JDB05B4	02	1	TLD	E1		31A	STATE COUNTER TO		
21406		XA301	12		XA125	16		BX	1E8	0			JDB05G	01				EXT			20B		C07	
21405		XA125	16										JDB05G	02				THI					C07	
03567		XA348	60		XA337	61			16B	9	P		TS06SD	01	JDB06B4	02	1	TLD	E2		28A	STATE COUNTER TO		
03568		XA337	61		XA427	45			16B	9			JDB06B4	02				RR4	G5					
03569		XA427	45		XA127	69			16B	9	P		TA06SD	03	JDB06B4	03	1	TLD	D3		24B	ADDRESS TO CPU		
03570		XA127	69		XA125	22			16B	9	P		TD06CD	04	JDB06B4	01	1	TLD	F3		35A	DATA TO CPU		
03571		XA125	22		XA301	13		BY	1E8	9			JDB06B4	05	TCB060	01	1	THI	B1		14A	CPU BUSS BIT 6	C07	
03572		XA301	13										JDB06B4	06				EXT						
21407		XA126	16		XA301	14		BY	1E8	0			JDB06G	01				TLD			01B		C07	
21408		XA301	14										JDB06G	02				EXT					C07	
03577		XA127	80		XA125	23			16B	9	P		TD07CD	05	JDB07B4	01	1	TLD	F4		39A	DATA TO CPU		
03578		XA125	23		XA301	15		BZ	1E8	9			JDB07B4	06	TCB070	01	1	THI	B2		12A	CPU BUSS BIT 7	C07	
03573		XA301	15		XA413	33			16B	9			JDB07B4	07				EXT					C07	
03574		XA413	33		XA348	75			16B	9	P		TI10SD	08	JDB07B4	03	1	TLD	C3		16B	TI10 TO DATA BUS	C07	
03575		XA348	75		XA337	62			16B	9	P		TS07SD	09	JDB07B4	02	1	TLD	F1		37B	STATE COUNTER TO	C07	
03576		XA337	62										JDB07B4	10				RR4	F1				C07	
21409		XA126	16		XA301	16		BZ	1E8	0			JDB07G	01				TLD			01B		C07	
21410		XA301	16										JDB07G	02				EXT					C07	
03579		XA126	06		XA125	20			16B	9	P		TD08CD	01	JDB08B4	01	1	TLD	A1		05A	DATA TO CPU		
03580		XA125	20		XA301	17		CW	1E8	9			JDB08B4	02	TCB080	01	1	THI	B3		10A	CPU BUSS BIT 8	C07	
03581		XA301	17		XA413	39			16B	9			JDB08B4	03				EXT						
03582		XA413	39		XA337	56			16B	9	P		TI20SD	04	JDB08B4	03	1	TLD	C4		19B	TI20 TO DATA BUS		
03583		XA337	56		XA348	72			16B	9			JDB08B4	05				RR4	F2					
03584		XA348	72								P		TS08SD	06	JDB08B4	02	1	TLD	F2		34A	STATE COUNTER TO		
21411		XA127	16		XA301	18		CW	1E8	0			JDB08G	01				TLD			01B		C07	
21412		XA301	18										JDB08G	02				EXT					C07	
03585		XA126	01		XA125	17			16B	9	P		TD09CD	01	JDB09B4	01	1	TLD	A2		02B	DATA TO CPU		
												****	SIGNAL (JDB09B4)		IS ON THE		NEXT PAGE		****					

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	PREFIX	CONNECTOR	PIN	PREFIX	CONNECTOR	PIN	MULTI GROUP	CODE	COLOR	IDENT												
03586		XA125	17		XA301	19						JDB09B4	02	TCB090	01	1	THI	B4	09B	CPU BUSS BIT 9	C07	
03587		XA301	19		XA413	52		CX	1EB	9		JDB09B4	03				EXT					
03588		XA413	52		XA337	66			16B	9		TI30SD	04	JDB09B4	03	1	TLD	D1	24A	TI30 TO DATA BUS		
03589		XA337	66		XA348	22			16B	9		JDB09B4	05				RR4	G2				
03590		XA348	22									TS09SD	06	JDB09B4	02	1	TLD	B1	12A	STATE COUNTER TO		
21413		XA127	16		XA301	20		CX	1EB	0		JDB09G	01				TLD		01B		C07	
21414		XA301	20									JDB09G	02				EXT					C07
03591		XA348	14		XA301	21			16B	9		TS10SD	01	JDB10B4	02	1	TLD	B2	09A	STATE COUNTER TO		
03592		XA301	21		XA413	06			16B	9		JDB10B4	02				EXT					
03593		XA413	06		XA121	71			16B	9		TR00SD	03	JDB10B4	03	1	TLD	A1	05A	TR00 TO DATA BUS		
03594		XA121	71		XA125	21		CY	1EB	9		JDB10B4	04				RR4	H5			C07	
03595		XA125	21		XA126	09			16B	9		JDB10B4	05	TCB100	01	1	THI	B5	11B	CPU BUSS BIT 10		
03596		XA126	09									TD10CD	06	JDB10B4	01	1	TLD	A3	04B	DATA TO CPU		
21415		XA122	67		XA124	16		CY	1EB	0		JDB10G	01				TT3				C07	
21416		XA124	16									JDB10G	02				TQ2		01B		C07	
03597		XA348	09		XA301	23			16B	9		TS11SD	01	JDB11B4	02	1	TLD	A3	04B	STATE COUNTER TO		
03598		XA301	23		XA413	01			16B	9		JDB11B4	02				EXT					
03599		XA413	01		XA121	73			16B	9		TR01SD	03	JDB11B4	03	1	TLD	A2	02B	TR01 TO DATA BUS		
03600		XA121	73		XA125	27		CZ	1EB	9		JDB11B4	04				RR4	H4			C07	
03601		XA125	27		XA126	15			16B	9		JDB11B4	05	TCB110	01	1	THI	B6	13B	CPU BUSS BIT 11		
03602		XA126	15									TD11CD	06	JDB11B4	01	1	TLD	A4	07B	DATA TO CPU		
21417		XA122	67		XA125	32		CZ	1EB	0		JDB11G	01				TT3				C07	
21418		XA125	32									JDB11G	02				THI		21B		C07	
03603		XA348	15		XA301	25			16B	9		TS12SD	01	JDB12B4	02	1	TLD	A4	07B	STATE COUNTER TO		
03604		XA301	25		XA413	09			16B	9		JDB12B4	02				EXT					
03605		XA413	09		XA120	72			16B	9		TR02SD	03	JDB12B4	03	1	TLD	A3	04B	TR02 TO DATA BUS		
03606		XA120	72		XA125	38		DQ	1EB	9		JDB12B4	04				RR4	G1			C07	
03607		XA125	38		XA126	22			16B	9		JDB12B4	05	TCB120	01	1	THI	C1	20A	CPU BUSS BIT 12		
03608		XA126	22									TD12CD	06	JDB12B4	01	1	TLD	B1	12A	DATA TO CPU		
21419		XA120	67		XA125	32		DQ	1EB	0		JDB12G	01				RR4				C07	
21420		XA125	32									JDB12G	02				THI		21B		C07	
03609		XA126	14		XA125	35			16B	9		TD13CD	01	JDB13B4	01	1	TLD	B2	09A	DATA TO CPU		
03610		XA125	35		XA120	66		DR	1EB	9		JDB13B4	02	TCB130	01	1	THI	C2	18A	CPU BUSS BIT 13	C07	
03611		XA120	66		XA301	27			16B	9		JDB13B4	03				RR4	G2				
03612		XA301	27		XA413	15			16B	9		JDB13B4	04				EXT					
03613		XA413	15		XA348	21			16B	9		TR03SD	05	JDB13B4	03	1	TLD	A4	07B	TR03 TO DATA BUS		
03614		XA348	21									TS13SD	06	JDB13B4	02	1	TLD	B3	10B	STATE COUNTER TO		
21421		XA126	32		XA119	58		DR	1EB	0		JDB13G	01				TLD		21B		C07	
21422		XA119	58									JDB13G	02				DCF				C07	
03615		XA126	21		XA125	36			16B	9		TD14CD	01	JDB14B4	01	1	TLD	B3	10B	DATA TO CPU		
											**** SIGNAL (JDB14B4) IS ON THE NEXT PAGE ****											

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UNIT ASSEMBLY NAME		CARD CAGE ASSY, I/O UNIT										FILE IDENT		T3981UX2		DATE		09-03-82		PAGE		25			
RECORD NUMBER	FROM				TO				WIRE				SIGNAL	55G NO	EQUATION	TERM	FACTOR	CKT OR CHIP TYPE	POP	LOAD OR POWER PLANE	TEST POINTS AND/OR	SIGNAL DESCRIPTION	ECO NO		
	PREFIX	CONNECTOR	PIN	WIRE	PREFIX	CONNECTOR	PIN	WIRE	MULTI GROUP	CODE	COLOR	IDENT												SPC. INSTR. PAUSE	
03616		XA125	36		XA120	65		DS	1EB	9			JDB14B4	02	TCB140	01	1	THI	C3		16A	CPU BUSS BIT 14	E04		
03617		XA120	65		XA301	29			16B	9			JDB14B4	03				RR4	G3						
03618		XA301	29		XA413	22			16B	9			JDB14B4	04				EXT							
03619		XA413	22		XA348	27			16B	9		P	TR04SD	05	JDB14B4	03	1	TLD	B1		12A	TR04 TO DATA BUS			
03620		XA348	27									P	TS14SD	06	JDB14B4	02	1	TLD	B4		13B	STATE COUNTER TO			
21423		XA126	32		XA119	67		DS	1EB	0			JDB14G	01				TLD			21B		E04		
21424		XA119	67										JDB14G	02				DCF					C07		
03621		XA126	27		XA125	29			16B	9		P	TD15CD	01	JDB15B4	01	1	TLD	B4		13B	DATA TO CPU			
03622		XA125	29		XA120	63		DT	1EB	9			JDB15B4	02	TCB150	01	1	THI	C4		15B	CPU BUSS BIT 15	C07		
03623		XA120	63		XA301	31			16B	9			JDB15B4	03				RR4	G4						
03624		XA301	31		XA413	14			16B	9			JDB15B4	04				EXT							
03625		XA413	14		XA348	33			16B	9		P	TR05SD	05	JDB15B4	03	1	TLD	B2		09A	TR05 TO DATA BUS			
03626		XA348	33									P	TS15SD	06	JDB15B4	02	1	TLD	C3		16B	STATE COUNTER TO			
21425		XA127	32		XA119	58		DT	1EB	0			JDB15G	01				TLD			21B		C07		
21426		XA119	58										JDB15G	02				DCF					C07		
03627		XA126	38		XA125	33			16B	9		P	TD16CD	01	JDB16B4	01	1	TLD	C1		18A	DATA TO CPU			
03628		XA125	33		XA120	61		DU	1EB	9			JDB16B4	02	TCB160	01	1	THI	C5		17B	CPU BUSS BIT 16	C07		
03629		XA120	61		XA301	33			16B	9			JDB16B4	03				RR4	G5						
03630		XA301	33		XA413	21			16B	9			JDB16B4	04				EXT							
03631		XA413	21		XA348	39			16B	9		P	TR06SD	05	JDB16B4	03	1	TLD	B3		10B	TR06 TO DATA BUS			
03632		XA348	39									P	TS16SD	06	JDB16B4	02	1	TLD	C4		19B	STATE COUNTER TO			
21427		XA127	32		XA119	58		DU	1EB	0			JDB16G	01				TLD			21B		C07		
21428		XA119	58										JDB16G	02				DCF					C07		
03633		XA126	30		XA125	39			16B	9		P	TD17CD	01	JDB17B4	01	1	TLD	C2		15A	DATA TO CPU			
03634		XA125	39		XA120	78		DV	1EB	9			JDB17B4	02	TCB170	01	1	THI	C6		19B	CPU BUSS BIT 17	C07		
03635		XA120	78		XA301	35			16B	9			JDB17B4	03				RR4	H1						
03636		XA301	35		XA413	27			16B	9			JDB17B4	04				EXT							
03637		XA413	27		XA348	45			16B	9		P	TR07SD	05	JDB17B4	03	1	TLD	B4		13B	TR07 TO DATA BUS			
03638		XA348	45									P	TS17SD	06	JDB17B4	02	1	TLD	D3		24B	TS17 TO MEM BUSS			
21429		XA125	44		XA120	67		DV	1EB	0			JDB17G	01				THI			27A		C07		
21430		XA120	67										JDB17G	02				RR4					C07		
03639		XA126	33		XA125	52			16B	9		P	TD18CD	01	JDB18B4	01	1	TLD	C3		16B	DATA TO CPU			
03640		XA125	52		XA120	76		DW	1EB	9			JDB18B4	02	TCB180	01	1	THI	D1		26A	CPU BUSS BIT 18	C07		
03641		XA120	76		XA301	37			16B	9			JDB18B4	03				RR4	H2						
03642		XA301	37		XA413	38			16B	9			JDB18B4	04				EXT							
03643		XA413	38		XA348	51			16B	9		P	TR08SD	05	JDB18B4	03	1	TLD	C1		18A	TR08 TO DATA BUS			
03644		XA348	51									P	TS18SD	06	JDB18B4	02	1	TLD	D4		27B	TS18 TO MEM BUSS			
21431		XA125	58		XA119	67		DW	1EB	0			JDB18G	01				THI			40A		C07		
21432		XA119	67										JDB18G	02				DCF					C07		
03645		XA126	39		XA125	47			16B	9		P	TD19CD	01	JDB19B4	01	1	TLD	C4		19B	DATA TO CPU			
													****	SIGNAL	(JDB19B4)	IS ON THE NEXT PAGE ****									

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RECORD NUMBER	FROM			TO			WIRE				SFC INST	SIGNAL	SEC NO	EQUATION	TERM	FACTOR	CKT OR CHIP TYPE	GROUP	LOAD CP POWER PLANE	TEST POINTS AND/OR	SIGNAL DESCRIPTION	ECO NO
	PREFIX	CONNECTOR	PIN	PREFIX	CONNECTOR	PIN	REF	MULTI GROUP	CODE	COLOR												
03646		XA125	47		XA120	75		DX	1EB	9		JDB19B4	02	TCB190	01	1	THI	D2	24A	CPU BUSS BIT 19	C07	
03647		XA120	75		XA301	39			16B	9		JDB19B4	03				RR4	H3				
03648		XA301	39		XA413	30			16B	9		JDB19B4	04				EXT					
03649		XA413	30		XA348	57			16B	9	P	TR09SD	05	JDB19B4	03	1	TLD	C2	15A	TR09 TO DATA BUS		
03650		XA348	57						16B	9	P	TS19SD	06	JDB19B4	02	1	TLD	E3	30B	TS19 TO MEM BUSS		
21433		XA125	44		XA121	67		DX	1EB	0		JDB19G	01				THI		27A		C07	
21434		XA121	67						16B	0		JDB19G	02				RR4				C07	
03651		XA126	52		XA125	50			16B	9	P	TD20CD	01	JDB20B4	01	1	TLD	D1	24A	DATA TO CPU		
03652		XA125	50		XA120	73		DY	1EB	9		JDB20B4	02	TCB200	01	1	THI	D3	22A	CPU BUSS BIT 20	C07	
03653		XA120	73		XA301	41			16B	9		JDB20B4	03				RR4	H4				
03654		XA301	41		XA413	46			16B	9		JDB20B4	04				EXT					
03655		XA413	46		XA348	63			16B	9	P	TM00SD	05	JDB20B4	03	1	TLD	D2	21A	TM00 TO CPU (CTS		
03656		XA348	63						16B	9	P	TS20SD	06	JDB20B4	02	1	TLD	E4	33B	TS20 TO CPU BUSS		
21435		XA124	44		XA121	67		DY	1EB	0		JDB20G	01				TQ2		21B		C07	
21436		XA121	67						16B	0		JDB20G	02				RR4				C07	
03657		XA126	46		XA125	41			16B	9	P	TD21CD	01	JDB21B4	01	1	TLD	D2	21A	DATA TO CPU		
03658		XA125	41		XA120	71		DZ	1EB	9		JDB21B4	02	TCB210	01	1	THI	D4	23B	CPU BUSS BIT 21	E04	
03659		XA120	71		XA301	43			16B	9		JDB21B4	03				RR4	H5				
03660		XA301	43		XA413	45			16B	9		JDB21B4	04				EXT					
03661		XA413	45		XA348	69			16B	9	P	TM01SD	05	JDB21B4	03	1	TLD	D3	24B	TM01 TO CPU (CTS		
03662		XA348	69						16B	9	P	TS21SD	06	JDB21B4	02	1	TLD	F3	35A	TS21 TO CPU		
21437		XA126	44		XA119	67		DZ	1EB	0		JDB21G	01				TLD		27A		E04	
21438		XA119	67						16B	0		JDB21G	02				DCF				C07	
03663		XA126	45		XA125	45			16B	9	P	TD22CD	01	JDB22B4	01	1	TLD	D3	24B	DATA TO CPU		
03664		XA125	45		XA204	51		HD	1EB	9		JDB22B4	02	TCB220	01	1	THI	D5	25B	CPU BUSS BIT 22	C07	
03665		XA204	51		XA301	45			16B	9		JDB22B4	03				RR4	F5				
03666		XA301	45		XA413	51			16B	9		JDB22B4	04				EXT					
03667		XA413	51		XA348	80			16B	9	P	TM02SD	05	JDB22B4	03	1	TLD	D4	27B	TM02 TO CPU (CTS		
03668		XA348	80						16B	9	P	TS22SD	06	JDB22B4	02	1	TLD	F4	39A	TS22 TO CPU		
21439		XA126	44		XA204	44		HD	1EB	0		JDB22G	01				TLD		27A		C07	
21440		XA204	44						16B	0		JDB22G	02				RR4				C07	
03674		XA249	14		XA413	66			16B	9	P	TS23SD	00	JDB23B4	02	1	TLD	B2	09A	TS23 TO CPU	C07	
03669		XA413	66		XA301	47			16B	9	P	TM03SD	01	JDB23B4	03	1	TLD	E1	31A	TM03 TO CPU (CTS		
03670		XA301	47		XA204	53			16B	9		JDB23B4	02				EXT					
03671		XA204	53		XA125	51		HE	1EB	9		JDB23B4	03				RR4	F4			C07	
03672		XA125	51		XA126	51			16B	9		JDB23B4	04	TCB230	01	1	THI	D6	27B	CPU BUSS BIT 23		
03673		XA126	51						16B	9	P	TD23CD	05	JDB23B4	01	1	TLD	D4	27B	DATA TO CPU	C07	
21441		XA205	44		XA126	58		HE	1EB	0		JDB23G	01				THI		27A		C07	
21442		XA126	58						16B	0		JDB23G	02				TLD		40A		C07	
03680		XA249	21		XA413	60			16B	9	P	TS24SD	00	JDB24B4	02	1	TLD	B3	10B	TS24 TO CPU	C07	
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RECORD NUMBER	FROM			TO			WIRE			IDENT	SIGNAL	SFR NO	EQUATION	TYP	CCT CH TYPE	GROUP	TEST POINTS	SIGNAL DESCRIPTION	ECO NO				
	PREFIX	CONNECTOR	PIN	PREFIX	CONNECTOR	PIN	WIRE GROUP	CODE	LOGS														
03675		XA413	60		XA301	49		168	9		P	TM04SD	01	JDB2484	03	1	TLD	E2	28A	TM04 TO CPU (CTS			
03676		XA301	49		XA204	55		168	9			JDB2484	02					EXT					
03677		XA204	55		XA125	64	HF	1EB	9			JDB2484	03					RR4	F3			C07	
03678		XA125	64		XA126	66		168	9			JDB2484	04	TCB240	01	1	THI	E1	33A	CPU BUSS BIT 24			
03679		XA126	66								P	T024CD	05	JDB2484	01	1	TLD	E1	31A	DATA TO CPU		C07	
21443		XA205	44		XA126	67	HF	1EB	0			JDB246	01					THI		27A		C07	
21444		XA126	67									JDB246	02					TLD				C07	
03686		XA249	27		XA413	57		168	9		P	TS25SD	00	JDB2584	02	1	TLD	B4	13B	TS25 TO CPU		C07	
03681		XA413	57		XA301	51		168	9		P	TM05SD	01	JDB2584	03	1	TLD	E3	30B	TM05 TO CPU (CTS			
03682		XA301	51		XA204	56		168	9			JDB2584	02					EXT					
03683		XA204	56		XA125	61	HG	1EB	9			JDB2584	03					RR4	F2			C07	
03684		XA125	61		XA126	60		168	9			JDB2584	04	TCB250	01	1	THI	E2	31A	CPU BUSS BIT 25			
03685		XA126	60								P	T025CD	05	JDB2584	01	1	TLD	E2	28A	DATA TO CPU		C07	
21445		XA205	58		XA126	58	HG	1EB	0			JDB256	01					THI		40A		C07	
21446		XA126	58									JDB256	02					TLD		40A		C07	
03688		XA126	57		XA125	62		168	9		P	T026CD	02	JDB2684	01	1	TLD	E3	30B	DATA TO CPU			
03689		XA125	62		XA204	61	HH	1EB	9			JDB2684	03	TCB260	01	1	THI	E3	29A	CPU BUSS BIT 26		C07	
03690		XA204	61		XA301	53		168	9			JDB2684	04					RR4	G5				
03691		XA301	53		XA413	63		168	9			JDB2684	05					EXT					
03692		XA413	63		XA249	38		168	9		P	TM06SD	06	JDB2684	03	1	TLD	E4	33B	TM06 TO CPU (CTS		C07	
03687		XA249	38								P	TS26SD	07	JDB2684	02	1	TLD	C1	18A	TS26 TO CPU		C07	
21447		XA125	67		XA205	58	HH	1EB	0			JDB266	01					THI				C07	
21448		XA205	58									JDB266	02					THI		40A		C07	
03694		XA126	63		XA204	62	HI	1EB	9		P	T027CD	02	JDB2784	01	1	TLD	E4	33B	DATA TO CPU		E04	
03696		XA204	62		XA301	55		168	9			JDB2784	04					RR4	F1				
03697		XA301	55		XA413	75		168	9			JDB2784	05					EXT					
03698		XA413	75		XA414	75		168	9		P	TBC1SD	06	JDB2784	03	1	TLD	F1	37B	BYTE 01 TO CPU (D01		D01	
05706		XA414	75		XA249	30		168	9			JDB2784	06	TEB270	01	1	TT3	F1	37B				
03693		XA249	30								P	TS27SD	07	JDB2784	02	1	TLD	C2	15A	TS27 TO CTS		C07	
21449		XA125	58		XA204	67	HI	1EB	0			JDB276	01					THI		40A		E04	
21450		XA204	67									JDB276	02									E04	
03704		XA249	33		XA413	72		168	9		P	TS28SD	00	JDB2884	02	1	TLD	C3	16B	TS28 TO CPU		C07	
03699		XA413	72		XA301	57		168	9		P	TBC2SD	01	JDB2884	03	1	TLD	F2	34A	BYTE 02 TO CPU (
03700		XA301	57		XA204	63		168	9			JDB2884	02					EXT					
03701		XA204	63		XA124	47	HJ	1EB	9			JDB2884	03					RR4	G4			C07	
03702		XA124	47		XA126	75		168	9			JDB2884	04	TCB280	01	1	TQ2	D4	25B	CPU BUSS BIT 28			
03703		XA126	75								P	T028CD	05	JDB2884	01	1	TLD	F1	37B	DATA TO CPU		C07	
21450		XA204	67		XA124	44	HJ	1EB	0			JDB286	01					RR4				C07	
21451		XA124	44									JDB286	02					TQ2		21B		C07	
03710		XA249	39		XA413	69		168	9		P	TS29SD	00	JDB2984	02	1	TLD	C4	19B	TS29 TO CPU		C07	
																			**** SIGNAL (JDB2984) IS ON THE NEXT PAGE ****				

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RECORD NUMBER	FROM				TO				WIRE			SIGNAL	SEQ NO	EQUATION	TERM	FACTOR	CKT OR CHIP TYPE	GROUP	LOAD OR POWER PLANE	TEST POINTS AND/OR	SIGNAL DESCRIPTION	ECO NO			
	PREFIX	CONNECTOR	PIN	WIRE	PREFIX	CONNECTOR	PIN	WIRE	MULTI GROUP	CODE	COLOR												IDENT		
03705		XA413	69			XA407	77			16B	9		P	TBC3SD	01	JDB2984	03	1	TLD	F3	35A	BYTE 03 TO CPU (
03706		XA407	77			XA301	59			16B	9			JDB2984	02	TCB290	01	1	TQ2	F1	38B	CPU BUSS BIT 29			
03707		XA301	59			XA204	65			16B	9			JDB2984	03				EXT						
03708		XA204	65			XA126	72		HK	1EB	9			JDB2984	04				RR4	G3				C07	
03709		XA126	72										P	TD29CD	05	JDB2984	01	1	TLD	F2	34A	DATA TO CPU	C07		
21452		XA205	67			XA127	67		HK	1EB	0			JDB29G	01				THI					C07	
21453		XA127	67											JDB29G	02				TLD					C07	
03711		XA413	80			XA407	71			16B	9		P	TBC4SD	01	JDB30B4	02	1	TLD	F4	39A	BYTE 04 TO CPU (
03712		XA407	71			XA301	61			16B	9			JDB30B4	02	TCB300	01	1	TQ2	F2	36A				
03713		XA301	61			XA204	66			16B	9			JDB30B4	03				EXT						
03714		XA204	66			XA126	69		HM	1EB	9			JDB30B4	04				RR4	G2				C07	
03715		XA126	69										P	TD30CD	05	JDB30B4	01	1	TLD	F3	35A	DATA TO CPU			
21454		XA205	67			XA126	67		HM	1EB	0			JDB30G	01				THI					C07	
21455		XA126	67											JDB30G	02				TLD					C07	
03716		XA301	63			XA204	71			16B	9			JDB31B4	01				EXT						
03717		XA204	71			XA126	80		HN	1EB	9			JDB31B4	02				RR4	H5				C07	
03718		XA126	80			XA124	43			16B	9		P	JDB31D	03	JDB31B4	01	1	TLD	F4	39A				
03719		XA124	43											JDB31B4	04	TCB310	01	2	TQ2	D3	23B				
03720		XA126	80										J	JDB31D	01	JDB31D	00	1	TLD	F4	39A	JDB31B4 BUSS			
21456		XA205	67			XA127	67		HN	1EB	0			JDB31G	01				THI					C07	
21457		XA127	67											JDB31G	02				TLD					C07	
06465		XA106	01			XA203	57			16B	9			JDD11A	01				SHT					C03	
03722		XA203	57											JDD11A	02				EXT						
07713		XA331	06			XA306	06			16B	9			JDD11A1	005				RR1	A2					
03723		XA306	06			XA106	03			16B	9			JDD11A1	01	TDDISO	01	1	TT3	A1	05A			B05	
06466		XA106	03											JDD11A1	02				SHT						C03
06468		XA106	05			XA203	59			16B	9			JDD12A	01				SHT						C03
03726		XA203	59											JDD12A	02				EXT						
07715		XA331	08			XA306	08			16B	9			JDD12A1	005				RR1	A4					
03727		XA306	08			XA106	07			16B	9			JDD12A1	01	TDDISO	01	2	TT3	A1	06A				B05
06470		XA106	07											JDD12A1	02				SHT						C03
03729		XA203	23			XA142	19			16B	9			JDECAD4	01				EXT						
03730		XA142	19			XA337	55			16B	9			JDECAD4	02	TDECA0	01	2	TQ2	B3	09B	DEC COMMAND			
03731		XA337	55											JDECAD4	03				RR4	F3					
03732		XA204	37			XA203	05			16B	9			JDIG1D4	01				RR4	D4					
03733		XA203	05			XA127	33			16B	9			JDIG1D4	02				EXT						
03734		XA127	33											JDIG1D4	03	JDIG194	00	1	TLD	C3	16B	DIAGNOSE LIGHT 1			
														****	SIGNAL	JDIG2D4				IS ON THE	NEXT PAGE	****			

DRAWING NUMBER		149019-800										STRING		UNIT ASSEMBLY NO.		149019		REV		G		INDEX		JDIG2D4	
UNIT ASSEMBLY NAME		CARD CAGE ASSY, I/O UNIT										FILE IDENT		T39BIUX2		DATE		09-03-82		PAGE		29			
RECORD NUMBER	FROM	TO										WIRE	SIGNAL	LOC NO	EQUATION	TERM	FACTS	CRT OR CHIP TYPE	CON	LOAD OR POWER PLANE	TEST POINTS	SIGNAL DESCRIPTION	SCO NO		
	PREFIX	CONNECTOR	PIN	DATE	PREFIX	CONNECTOR	PIN	DATE	WIRE	GROUP	GROUP	GROUP	IDENT	GROUP	GROUP	GROUP	GROUP	GROUP	GROUP	GROUP	GROUP	GROUP			
03735		XA204	39															RR4	D5						
03736		XA203	07			XA203	07											EXT							
03737		XA127	30			XA127	30											TLD	C2	15A	DIAGNOSE LIGHT 2				
03738		XA204	52			XA203	09											RR4	E1						
03739		XA203	09			XA127	38											EXT							
03740		XA127	38															TLD	C1	18A	DIAGNOSE LIGHT 3				
03741		XA204	48			XA203	11											RR4	E2						
03742		XA203	11			XA127	27											EXT							
03743		XA127	27															TLD	B4	13B	DIAGNOSE LIGHT 4 D				
03744		XA204	47			XA203	13											RR4	E3						
03745		XA203	13			XA127	21											EXT							
03746		XA127	21															TLD	B3	10B	7 BYTES IN MEM CY				
03747		XA204	45			XA203	15											RR4	E4						
03748		XA203	15			XA127	14											EXT							
03749		XA127	14															TLD	B2	09A	MEMORY CYCLE COMP				
03750		XA427	06			XA127	01						P	JEIG8D	01	JDIG8B4	01	TLD	A1	05A					
03751		XA127	01			XA204	41						P	JDIG8D	02	JDIG8B4	02	TLD	A2	02B	BOOTSTRAP DIAGNOS				
03752		XA204	41			XA203	17							JDIG8B4	03			RR4	E5						
20245		XA203	17											JDIG8B4	04			EXT							
03753		XA127	01										J	JDIG8D	01	JDIG8D	00	TLD	A2	02B	JDIG8B4 BUSS				
03754		XA427	06										J	JEIG8D	01	JEIG8D	00	TLD	A1	05A	JDIG8B4 BUSS				
03755		XA127	45			XA121	78							JIPEBD4	01	JIPEBD4	00	TLD	D3	24B	INPUT PARITY (DEV				
03756		XA121	78			XA203	31							JIPEBD4	02			RR4	H1						
03757		XA203	31											JIPEBD4	03			EXT							
03758		XA213	41			XA203	27							JITRAD4	01	ITIRA0	01	THI	D4	23B	ITR CMD				
03759		XA203	27			XA204	26							JITRAD4	02			EXT							
07688		XA204	26											JITRAD4	03			RR4	B2						
03760		XA203	29			XA204	20							JITRSD4	01			EXT							
07686		XA204	20			XA351	03							JITRSD4	015			RR4	B1						
03761		XA351	03			XA351	09							JITRSD4	02	TTDM00	01	TT3	A2	02A					
03762		XA351	09			XA351	14							JITRSD4	03	TTDM10	01	TT3	A3	04B					
03763		XA351	14			XA351	24							JITRSD4	04	TTDM30	01	TT3	B2	09A					
03764		XA351	24			XA351	23							JITRSD4	05	TTDM20	01	TT3	B1	13A					
03765		XA351	23											JITRSD4	06	TTDM40	01	TT3	B3	11B					
03766		XA127	46			XA204	35							JITTOD4	01	JITTOD4	00	TLD	D2	21A	DEVICE TIMEOUT				
03767		XA204	35			XA203	33							JITTOD4	02			RR4	D3						
03768		XA203	33											JITTOD4	03			EXT							
03769		XA427	01			XA203	51							JLITAD4	01	JLITAD4	00	TLD	A2	02B	LVL INTRPT TO CPU				
														****	SIGNAL	(JLITAD4)		IS ON THE	NEXT PAGE	****					

DRAWING NUMBER 149019-800
 UNIT ASSEMBLY NAME CARD CAGE ASSY, I/O UNIT

STRING

UNIT ASSEMBLY NO. 149019
 FILE IDENT T398IUXX2

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RECORD NUMBER	FROM				TO				WIRE				SIGNAL	SEC NO	EQUATION	TERM	FACTOR	CMT OR CHIP TYPE	GROUP	LOAD CP PLANE	TEST POINTS	SIGNAL DESCRIPTION	ECO NO	
	PREFIX	CONNECTOR	PIN	SH TO	PREFIX	CONNECTOR	PIN	SH TO	MULTI GROUP	CODE	COLOR	IDENT												WIRE
03770		XA203	51		XA204	36				16B	9		JLITAD4	02				EXT						
03771		XA204	36										JLITAD4	03				RR4	C1					
03772		XA115	35		XA203	01				16B	9		JMPEID4	01	TMPEIO	01	1	TQ2	C4		17B	PARITY ERROR INH		
03773		XA203	01		XA204	05				16B	9		JMPEID4	02				EXT						
07681		XA204	05										JMPEID4	03				RR4	A3					
07685		XA204	42		XA203	41				16B	9		JMRSAB4	005				RR4	D1					
03774		XA203	41		XA425	46				16B	9		JMRSAB4	01				EXT						
03775		XA425	46										JMRSAB4	02	TFIOS0	01	2	TD4	D2		21A			
06531		XA106	75		XA121	76				16B	9		JMTSAB4	00				SHT					C03	
03776		XA121	76		XA203	43				16B	9		JMTSAB4	01				RR4	H2					
03777		XA203	43		XA410	46				16B	9		JMTSAB4	02				EXT						
03778		XA410	46		XA410	36				16B	9		JMTSAB4	03				RR4	D2				C13	
13313		XA410	36		XA446	11				16B	9		JMTSAB4	05				RR4	C1				C13	
03781		XA446	11										JMTSAB4	06	KMR060	01	1	TQ2	A4		05B			
06529		XA106	73		XA318	72				16B	9		JMTSAD4	01				SHT					C03	
03783		XA318	72		XA511	11				16B	9		JMTSAD4	02				RR1	G5				A01	
08018		XA511	11										JMTSAD4	04	JMTSAD4	00	1	ACF	A1		05A	CPU RESET		
03785		XA331	52		XA446	13				16B	9		JMTSBB4	01				RR1	E5					
20246		XA446	13										JMTSBB4	02	KMR060	01	2	TQ2	A4		06B			
06535		XA106	79		XA511	07				16B	9		JMTSBD1	01				SHT					C03	
06076		XA511	07										JMTSBD1	02	JMTSAD4	01	1	ACF	A1		03A		B05	
03787		XA421	10		XA318	76				16B	9		JMTSBD4	01	JMTSBD4	00	1	ACF	A2		06B			
03788		XA318	76		XA106	77				16B	9		JMTSBD4	02				RR1	H4				B05	
06533		XA106	77										JMTSBD4	03				SHT					C03	
03790		XA440	13		XA337	75				16B	9		JPWFSB4	01	TFIOTA	01	2	TQ2	A4		06B			
03791		XA337	75		XA203	39				16B	9		JPWFSB4	02				RR4	H3					
03792		XA203	39										JPWFSB4	03				EXT						
03793		XA213	23		XA203	19				16B	9		JQMPE04	01	KMCPRO	01	1	TH1	B2		12A			
03794		XA203	19		XA204	10				16B	9		JQMPE04	02				EXT						
07685		XA204	10										JQMPE04	03				RR4	A2					
03795		XA207	47		XA203	21				16B	9		JQMT0D4	01	KMET00	01	1	TQ2	D4		25B	CPU MEMORY TIME		
03796		XA203	21		XA204	24				16B	9		JQMT0D4	02				EXT						
07687		XA204	24										JQMT0D4	03				RR4	B3					
20247		XA107	45		XA206	28				16B	9		JSNV2B	01				MTS						
21070		XA206	28										JSNV2B	02				TT3						
03797		XA203	53		XA204	38				16B	9		JSSGAD4	01				EXT						
03798		XA204	38		XA249	06				16B	9		JSSGAD4	02				RR4	C2					
03799		XA249	06										JSSGAD4	03	JSSGAD4	00	1	TLD	A1		05A	START SIGNAL DRI		

DRAWING NUMBER 149019-800
UNIT ASSEMBLY NAME CARD CAGE ASSY, I/O UNIT

STRING

UNIT ASSEMBLY NO. 149019
FILE IDENT T39BIUX2

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RECORD NUMBER	FROM				TO				WIRE				SIGNAL	SFG NO	EQUATION	TERM	FACTOR	CKT OR CHIP TYPE	SPOOF	LOAD OR POWER PLANE	TEST POINTS AND/OR	SIGNAL DESCRIPTION	ECO NO	
	PREFIX	CONNECTOR	PIN	SH. P.O.	PREFIX	CONNECTOR	PIN	SH. P.O.	MULTI GROUP	CODE	COLOR	IDENT												SPEC INSET INSEL
03800		XA203	49		XA204	29				16B	9		JSTPAD4	01				EXT						
03801		XA204	29		XA249	01				16B	9		JSTPAD4	02				RR4	C5					
03802		XA249	01										JSTPAD4	03	JSTPAD4	00	1	TLD	A2		02B	STOP CPU		
03803		XA427	22		XA203	47				16B	9		JS02AD4	01	JS02AD4	00	1	TLD	B1		12A	STIMULATE 02 TO CPU		
03804		XA203	47		XA204	23				16B	9		JS02AD4	02				EXT						
03805		XA204	23										JS02AD4	03				RR4	C3					
03806		XA204	25		XA203	45				16B	9		JS77AD4	01				RR4	C4					
03807		XA203	45		XA426	57				16B	9		JS77AD4	02				EXT						
03808		XA426	57										JS77AD4	03	JS77AD4	00	1	THI	E5		30B	STIMULATE 77 TO CPU		
20248		XA118	51		XA410	37				16B	9		JUMP01	01	IOPWR0X	01	1	DCF	C4		28B			
20461		XA410	37										JUMP01	02				RR4	D4					
06027		XA443	65		XA337	51				16B	9		JOFRAD4	01	TOFRB0	01	1	TQ2	F3		34B			
03810		XA337	51		XA141	43				16B	9		JOFRAD4	02				RR4	F5					
03811		XA141	43		XA203	25				16B	9		JOFRAD4	03	TOFRA0	01	2	TQ2	D3		23B	OFR COMMAND		
03812		XA203	25										JOFRAD4	04				EXT						
03813		XA213	13		XA308	49				16B	9		KCMALA	01	KCMALA	00	1	THI	A1		06A	COMPUTER MALFUNC		
03814		XA308	49										KCMALA	02	KSMALO	01	1	TD4	D1		26B			
03815		XA216	59		XA213	11				16B	9		KCMALO	01	KCMALO	00	1	TS8	E1		31B	COMPUTER MALFUNC		
03816		XA213	11										KCMALO	02	KCMALA	01	1	THI	A1		07A			
03819		XA117	67		XA201	04				16B	9		KCMPMDG4	01				DCF					D04	
20249		XA201	04		XA503	52				16B	9		KCMPMDG4	02				EXT					D04	
21046		XA503	52										KCMPMDG4	03				EXT					D04	
03817		XA503	51		XA201	03				16B	9		KCMPMDX4	01				EXT					D04	
03818		XA201	03		XA117	65				16B	9		KCMPMDX4	02				EXT					D04	
03820		XA117	65		XA121	61				16B	9		KCMPMDX4	04	KCMPMDX4	00	1	DCF	D1		32B		D04	
07675		XA121	61										KCMPMDX4	05				RR4	G5				D04	
03824		XA201	29		XA118	43				16B	9		KDVBLB	01				EXT						
03826		XA118	43		XA119	43				16B	9	P	KDVBLDX	03	KDVBLB	01	1	DCF	C7		25A	BOOTSTRAP DISPLAY		
03827		XA119	43		XA120	23				16B	9	P	L DVBLDX	04	KDVBLB	02	1	DCF	C7		25A			
03828		XA120	23										KDVBLB	05				RR4	C3					
03829		XA118	43									J	KDVBLDX	01	KDVBLDX	00	1	DCF	C7		25A	KDVBLB BUSS		
20251		XA201	30		XA118	44				16B	9		KDVBLG	01				EXT						
03825		XA118	44										KDVBLG	02				DCF						
03830		XA202	01		XA117	01				16B	9		KDVC1B	01				EXT						
03831		XA117	01		XA118	23				16B	9	P	KDVC1DX	02	KDVC1B	01	1	DCF	A7		02A	LSB DVC ADD DSPLY		
03833		XA118	23		XA331	17				16B	9	P	L DVC1DX	04	KDVC1B	02	1	DCF	B7		10A			
													****	SIGNAL	(KDVC1B	IS ON THE NEXT PAGE				****				

DRAWING NUMBER		149019-800										STRING		UNIT ASSEMBLY NO.		149019		REV		G		INDEX		KGNDDA	
UNIT ASSEMBLY NAME		CARD CAGE ASSY, I/O UNIT										FILE IDENT		T39B1UX2		DATE		09-03-82		PAGE		33			
RECORD NUMBER	PREFIX	FROM			TO			WIRE			SPECIAL INSTRUCTIONS	SIGNAL	SEG NO	EQUATION	TERM	FACTOR	CKT OF CHIP TYPE	GROUP	LOAD OR POWER PLANE	TEST POINTS		SIGNAL DESCRIPTION	ECC NO		
		CONNECTOR	PIN	SH FT	PREFIX	CONNECTOR	PIN	SH FT	MULTI GROUP	CODE										COLOR	IDENT			AND	OR
03944		XA202	73		XA201	73			16B	9		KGND0B	00C												
03945		XA201	73		XA313	60			16B	9		KGND0B	005												
03946		XA313	60		XA313	66			16B	9	P	KGND1D	01	KGND0B	02	1	TLD	E2		28A	GROUND 1				
03947		XA313	66		XA337	78			16B	9	P	KGND0D	02	KGND0B	01	1	TLD	E1		31A	GROUND 0				
07754		XA337	78									KGND0B	03												
03948		XA313	66								J	KGND0D	01	KGND0D	00	1	TLD	E1		31A	KGND0B BUSS				
03949		XA313	60								J	KGND1D	01	KGND1D	00	1	TLD	E2		28A	KGND0B BUSS				
03950		XA313	63		XA313	57			16B	9	P	KIR12D	01	KIR11B	02	1	TLD	E4		33B	ITR ADDRESS 01				
03951		XA313	57		XA337	52			16B	9	P	KIR11D	02	KIR11B	01	1	TLD	E3		30B	ITR ADDRESS 01				
03952		XA337	52		XA232	77			16B	9		KIR11B	03												
03953		XA232	77		XA234	77			16B	9		KIR11B	04	TF301A	01	1	TQ2	F1		38B	ITR ADDRESS 01				
03954		XA234	77		XA233	77			16B	9		KIR11B	05	TF061A	01	1	TQ2	F1		38B	ITR ADDRESS 01				
03955		XA233	77		XA232	74			16B	9		KIR11B	06	TF181A	01	1	TQ2	F1		38B	ITR ADDRESS 01				
03956		XA232	74		XA232	68			16B	9		KIR11B	07	TF311A	01	2	TQ2	F3		35B	ITR ADDRESS 01				
03957		XA232	68		XA233	70			16B	9		KIR11B	08	TF281A	01	1	TQ2	E1		32A	ITR ADDRESS 01				
03958		XA233	70		XA233	74			16B	9		KIR11B	09	TF161A	01	2	TQ2	E1		33A	ITR ADDRESS 01				
03959		XA233	74		XA234	74			16B	9		KIR11B	10	TF191A	01	2	TQ2	F3		35B	ITR ADDRESS 01				
03960		XA234	74		XA234	70			16B	9		KIR11B	11	TF071A	01	2	TQ2	F3		35B	ITR ADDRESS 01				
03961		XA234	70		XA234	54			16B	9		KIR11B	12	TF041A	01	2	TQ2	E1		33A	ITR ADDRESS 01				
03962		XA234	54		XA234	53			16B	9		KIR11B	13	TF021A	01	1	TQ2	D1		25A	ITR ADDRESS 01				
03963		XA234	53		XA233	54			16B	9		KIR11B	14	TF051A	01	1	TQ2	E3		28B	ITR ADDRESS 01				
03964		XA233	54		XA233	53			16B	9		KIR11B	15	TF141A	01	1	TQ2	D1		25A	ITR ADDRESS 01				
03965		XA233	53		XA232	54			16B	9		KIR11B	16	TF171A	01	1	TQ2	E3		28B	ITR ADDRESS 01				
03966		XA232	54		XA232	53			16B	9		KIR11B	17	TF261A	01	1	TQ2	D1		25A	ITR ADDRESS 01				
03967		XA232	53		XA232	43			16B	9		KIR11B	18	TF291A	01	1	TQ2	E3		28B	ITR ADDRESS 01				
03968		XA232	43		XA233	43			16B	9		KIR11B	19	TF271A	01	2	TQ2	D3		23B	ITR ADDRESS 01				
03969		XA233	43		XA232	42			16B	9		KIR11B	20	TF151A	01	2	TQ2	D3		23B	ITR ADDRESS 01				
03970		XA232	42		XA233	42			16B	9		KIR11B	21	TF241A	01	2	TQ2	C1		20A	ITR ADDRESS 01				
03971		XA233	42		XA234	43			16B	9		KIR11B	22	TF121A	01	2	TQ2	C1		20A	ITR ADDRESS 01				
03972		XA234	43		XA234	40			16B	9		KIR11B	23	TF031A	01	2	TQ2	D3		23B	ITR ADDRESS 01				
03973		XA234	40		XA234	31			16B	9		KIR11B	24	TF001A	01	1	TQ2	C1		19A	ITR ADDRESS 01				
03974		XA234	31		XA233	26			16B	9		KIR11B	25	TF011A	01	2	TQ2	C3		15B	ITR ADDRESS 01				
03975		XA233	26		XA232	26			16B	9		KIR11B	26	TF101A	01	2	TQ2	B1		14A	ITR ADDRESS 01				
03976		XA232	26		XA233	29			16B	9		KIR11B	27	TF221A	01	2	TQ2	B1		14A	ITR ADDRESS 01				
03977		XA233	29		XA232	29			16B	9		KIR11B	28	TF131A	01	1	TQ2	C3		14B	ITR ADDRESS 01				
03978		XA232	29		XA232	19			16B	9		KIR11B	29	TF251A	01	1	TQ2	C3		14B	ITR ADDRESS 01				
03979		XA232	19		XA233	17			16B	9		KIR11B	30	TF231A	01	2	TQ2	B3		09B	ITR ADDRESS 01				
03980		XA233	17		XA233	07			16B	9		KIR11B	31	TF111A	01	1	TQ2	B3		08B	ITR ADDRESS 01				
03981		XA233	07		XA233	08			16B	9		KIR11B	32	TF091A	01	2	TQ2	A3		03A	ITR ADDRESS 01				
03982		XA233	08		XA232	10			16B	9		KIR11B	33	TF081A	01	1	TQ2	A1		06A	ITR ADDRESS 01				
03983		XA232	10		XA232	03			16B	9		KIR11B	34	TF201A	01	2	TQ2	A1		07A	ITR ADDRESS 01				
03984		XA232	03									KIR11B	35	TF211A	01	1	TQ2	A3		02A	ITR ADDRESS 01				
03985		XA313	57								J	KIR11D	01	KIR11D	00	1	TLD	E3		30B	KIR11B BUSS				
										****	SIGNAL	(KIR12D)	IS 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 GP POWER PLANE	TEST POINTS AND/OR	SIGNAL DESCRIPTION	ECO NO	
	PREFIX	CONNECTOR	PIN	PLT ID	PREFIX	CONNECTOR	PIN	SIZE	MULTI GROUP	CODE	COLOR	IDENT												SPEC. INST. PLT ID
03986		XA313	63										J	KIR12D	01	KIR12D	00	1	TLD	E4		33B	KIR11B BUSS	
03987		XA313	75		XA313	72				16B	9		P	KIR21D	01	KIR21B	01	1	TLD	F1		37B	ITR ADDRESS 02	
03988		XA313	72		XA337	35				16B	9		P	KIR22D	02	KIR21B	02	1	TLD	F2		34A	ITR ADDRESS 02	
03989		XA337	35		XA234	76				16B	9			KIR21B	03				RR4	D3				
03990		XA234	76		XA234	73				16B	9			KIR21B	04	TF072A	01	1	TQ2	F4		37A	ITR ADDRESS 02	
03991		XA234	73		XA233	78				16B	9			KIR21B	05	TF062A	01	2	TQ2	F2		36B	ITR ADDRESS 02	
03992		XA233	78		XA232	78				16B	9			KIR21B	06	TF192A	01	2	TQ2	F4		38A	ITR ADDRESS 02	
03993		XA232	78		XA233	71				16B	9			KIR21B	07	TF312A	01	2	TQ2	F4		38A	ITR ADDRESS 02	
03994		XA233	71		XA232	71				16B	9			KIR21B	08	TF182A	01	1	TQ2	F2		36A	ITR ADDRESS 02	
03995		XA232	71		XA232	59				16B	9			KIR21B	09	TF302A	01	1	TQ2	F2		36A	ITR ADDRESS 02	
03996		XA232	59		XA232	62				16B	9			KIR21B	10	TF292A	01	1	TQ2	E4		31B	ITR ADDRESS 02	
03997		XA232	62		XA233	61				16B	9			KIR21B	11	TF282A	01	1	TQ2	E2		29A	ITR ADDRESS 02	
03998		XA233	61		XA233	62				16B	9			KIR21B	12	TF172A	01	2	TQ2	E4		32B	ITR ADDRESS 02	
03999		XA233	62		XA234	59				16B	9			KIR21B	13	TF162A	01	1	TQ2	E2		29A	ITR ADDRESS 02	
04000		XA234	59		XA234	62				16B	9			KIR21B	14	TF052A	01	1	TQ2	E4		31B	ITR ADDRESS 02	
04001		XA234	62		XA234	50				16B	9			KIR21B	15	TF042A	01	1	TQ2	E2		29A	ITR ADDRESS 02	
04002		XA234	50		XA234	47				16B	9			KIR21B	16	TF022A	01	2	TQ2	D2		23A	ITR ADDRESS 02	
04003		XA234	47		XA233	48				16B	9			KIR21B	17	TF032A	01	1	TQ2	D4		25B	ITR ADDRESS 02	
04004		XA233	48		XA232	48				16B	9			KIR21B	18	TF142A	01	1	TQ2	D2		22A	ITR ADDRESS 02	
04005		XA232	48		XA232	49				16B	9			KIR21B	19	TF262A	01	1	TQ2	D2		22A	ITR ADDRESS 02	
04006		XA232	49		XA232	35				16B	9			KIR21B	20	TF272A	01	2	TQ2	D4		26B	ITR ADDRESS 02	
04007		XA232	35		XA232	34				16B	9			KIR21B	21	TF252A	01	1	TQ2	C4		17B	ITR ADDRESS 02	
04008		XA232	34		XA233	35				16B	9			KIR21B	22	TF242A	01	1	TQ2	C2		16A	ITR ADDRESS 02	
04009		XA233	35		XA233	34				16B	9			KIR21B	23	TF132A	01	1	TQ2	C4		17B	ITR ADDRESS 02	
04010		XA233	34		XA234	35				16B	9			KIR21B	24	TF122A	01	1	TQ2	C2		16A	ITR ADDRESS 02	
04011		XA234	35		XA234	34				16B	9			KIR21B	25	TF012A	01	1	TQ2	C4		17B	ITR ADDRESS 02	
04012		XA234	34		XA233	20				16B	9			KIR21B	26	TF002A	01	1	TQ2	C2		16A	ITR ADDRESS 02	
04013		XA233	20		XA232	20				16B	9			KIR21B	27	TF102A	01	2	TQ2	B2		11A	ITR ADDRESS 02	
04014		XA232	20		XA233	23				16B	9			KIR21B	28	TF222A	01	2	TQ2	B2		11A	ITR ADDRESS 02	
04015		XA233	23		XA232	25				16B	9			KIR21B	29	TF112A	01	1	TQ2	B4		11B	ITR ADDRESS 02	
04016		XA232	25		XA232	11				16B	9			KIR21B	30	TF232A	01	2	TQ2	B4		12B	ITR ADDRESS 02	
04017		XA232	11		XA233	11				16B	9			KIR21B	31	TF212A	01	1	TQ2	A4		05B	ITR ADDRESS 02	
04018		XA233	11		XA233	04				16B	9			KIR21B	32	TF092A	01	1	TQ2	A4		05B	ITR ADDRESS 02	
04019		XA233	04		XA232	05				16B	9			KIR21B	33	TF082A	01	1	TQ2	A2		04A	ITR ADDRESS 02	
04020		XA232	05		XA218	77				16B	9			KIR21B	34	TF202A	01	2	TQ2	A2		03B	ITR ADDRESS 02	
05246		XA218	77											KIR21B	35	TF152A	01	1	TQ2	F1		38B		C13
04021		XA313	75										J	KIR21D	01	KIR21D	00	1	TLD	F1		37B	KIR21B BUSS	
04022		XA313	72										J	KIR22D	01	KIR22D	00	1	TLD	F2		34A	KIR21B BUSS	
04023		XA120	08		XA119	37				16B	9			KIOCTB	01				RR4	A1				
04024		XA119	37		XA117	37				16B	9		P	LIOCTDX	02	KIOCTB	02	1	DCF	B3		15B	IOC TIMEOUT DSPLY	
04025		XA117	37		XA202	19				16B	9		P	KIOCTDX	03	KIOCTB	01	1	DCF	B3		15B		
04027		XA202	19											KIOCTB	05				EXT					
04028		XA117	37										J	KIOCTDX	01	KIOCTDX	00	1	DCF	B3		15B	KIOCTB BUSS	
04026		XA117	39		XA202	20				16B	9			KIOCTG	01				DCF					
**** SIGNAL (KIOCTG) IS ON THE NEXT PAGE ****																								

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RECORD NUMBER	PREFIX	CONECTOR	PIN	PREFIX	CONECTOR	PIN	MULTI GROUP	CODE	COLOR	IDENT	SPEC INST	SIGNAL	SQ NO	EQUATION	TERM	FACTOR	CKT OR CHIP TYPE	GROUP	LOAD CP POWER PLANT	TEST POINTS AND/OR	SIGNAL DESCRIPTION	ECO NO	
20276		XA202	20									KIOCTG	02				EXT						
04030		XA117	07		XA118	27		16B	9		P	KIIOC1DX	02	KIIOC1B	01	1	DCF	A1		02B	4TH MTB DVC ADD DI		
04031		XA118	27		XA202	07		16B	9		P	LIIOC1DX	03	KIIOC1B	02	1	DCF	B1		10B			
04032		XA202	07		XA331	20		16B	9			KIIOC1B	04				EXT						
04033		XA331	20									KIIOC1B	05				RR1	B4					
04034		XA117	07								J	KIIOC1DX	01	KIIOC1DX	00	1	DCF	A1		02B	KIIOC1B BUSS		
04029		XA117	05		XA202	08		16B	9			KIIOC1G	01				DCF						
20278		XA202	08									KIIOC1G	02				EXT						
04035		XA331	61		XA119	23		16B	9			KIIOC2B	01				RR1	G1					
04036		XA119	23		XA117	23		16B	9		P	LIIOC2DX	02	KIIOC2B	02	1	DCF	B7		10A	3RD MSB DVC ADD DI		
04037		XA117	23		XA202	09		16B	9		P	KIIOC2DX	03	KIIOC2B	01	1	DCF	B7		10A			
04039		XA202	09									KIIOC2B	05				EXT						
04040		XA117	23								J	KIIOC2DX	01	KIIOC2DX	00	1	DCF	B7		10A	KIIOC2B BUSS		
04038		XA117	21		XA202	10		16B	9			KIIOC2G	01				DCF						
20280		XA202	10									KIIOC2G	02				EXT						
04041		XA202	11		XA117	41		16B	9			KIIOC4B	01				EXT						
04043		XA117	41		XA119	41		16B	9		P	KIIOC4DX	03	KIIOC4B	01	1	DCF	B5		16A	2ND MSB DVC ADD DI		
04044		XA119	41		XA331	63		16B	9		P	LIIOC4DX	04	KIIOC4B	02	1	DCF	B5		16A			
04045		XA331	63									KIIOC4B	05				RR1	G2					
04046		XA117	41								J	KIIOC4DX	01	KIIOC4DX	00	1	DCF	B5		16A	KIIOC4B BUSS		
04042		XA117	42		XA202	12		16B	9			KIIOC4G	01				DCF			20B			
20282		XA202	12									KIIOC4G	02				EXT						
04047		XA331	65		XA119	60		16B	9			KIIOC8B	01				RR1	G3					
04048		XA119	60		XA118	60		16B	9		P	LIIOC8DX	02	KIIOC8B	02	1	DCF	C5		31B	MSB DVC ADD-N		
04049		XA118	60		XA202	13		16B	9		P	KIIOC8DX	03	KIIOC8B	01	1	DCF	C5		31B			
04051		XA202	13									KIIOC8B	05				EXT						
04052		XA118	60								J	KIIOC8DX	01	KIIOC8DX	00	1	DCF	C5		31B	KIIOC8B BUSS		
04050		XA118	58		XA202	14		16B	9			KIIOC8G	01				DCF						
20284		XA202	14									KIIOC8G	02				EXT						
04053		XA202	23		XA117	27		16B	9			KIOPRB	01				EXT						
04055		XA117	27		XA119	27		16B	9		P	KIOPROX	03	KIOPRB	01	1	DCF	B1		10B	ID DVC PAR ERR DSP		
04056		XA119	27		XA120	05		16B	9		P	LIOPROX	04	KIOPRB	02	1	DCF	B1		10B			
04057		XA120	05									KIOPRB	05				RR4	A3					
04058		XA117	27								J	KIOPROX	01	KIOPROX	00	1	DCF	B1		10B	KIOPRB BUSS		
04054		XA117	25		XA202	24		16B	9			KIOPRG	01				DCF						
												****	SIGNAL	(KIOPRG)	IS ON THE	NEXT PAGE	****						

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	PREFIX	CONNECTOR	PIN	REF ID	PREFIX	CONNECTOR	PIN	REF ID	MULTI GROUP	CODE	COLOR	IDENT										
20286		XA202	24										KIOPRG	02								
21071		J01	A6		XA201	16		JC	1ED	0			KIOP0G	01								
20288		XA201	16										KIOP0G	02								
21072		J01	A4		XA201	15		JC	1ED	9			KIOP0N	01								
20289		XA201	15										KIOP0N	02								
04059		XA120	07		XA119	01				16B	9		KIOT0B	01			RR4	A4				
04060		XA119	01		XA118	01				16B	9	P	LIOT0DX	02	KIOT0B	02	1	DCF	A7	02A		IO DVC TIMEOUT DSP
04061		XA118	01		XA202	25				16B	9	P	KIOT0DX	03	KIOT0B	01	1	DCF	A7	02A		
04063		XA202	25										KIOT0B	05								
04064		XA118	01									J	KIOT0DX	01	KIOT0DX	00	1	DCF	A7	02A		KIOT0B BUSS
04062		XA118	02		XA202	26				16B	9		KIOT0G	01								
20290		XA202	26										KIOT0G	02								
04071		XA202	27		XA118	14				16B	9		KMCPRB	01								
04073		XA118	14		XA119	14				16B	9	P	KMCPRDX	03	KMCPRB	01	1	DCF	A5	08B		CPU MEM PAR ERR DS
04074		XA119	14		XA120	26				16B	9	P	LMCPRDX	04	KMCPRB	02	1	DCF	A5	08B		
04075		XA120	26										KMCPRB	05			RR4	B2				
04076		XA118	14									J	KMCPRDX	01	KMCPRDX	00	1	DCF	A5	08B		KMCPRB BUSS
04072		XA118	16		XA202	28				16B	9		KMCPRG	01								
20292		XA202	28										KMCPRG	02								
04077		XA213	25		XA118	08				16B	9		KMCPR0	01	KMCPR0	00	1	THI	B2	11A		CPU MEMORY PARITY
04078		XA118	08										KMCPR0	02	KMCPR0X	01	1	DCF	A6	06A		
04079		XA202	37		XA117	60				16B	9		KMEA1B	01								
04081		XA117	60		XA118	80				16B	9	P	KMEA1DX	03	KMEA1B	01	1	DCF	C5	31B		MEM BK LSB DSPL
04082		XA118	80		XA331	66				16B	9	P	LMEA1DX	04	KMEA1B	02	1	DCF	D5	38B		
04083		XA331	66										KMEA1B	05			RR1	G4				
04084		XA117	60									J	KMEA1DX	01	KMEA1DX	00	1	DCF	C5	31B		KMEA1B BUSS
04080		XA117	58		XA202	38				16B	9		KMEA1G	01								
20294		XA202	38										KMEA1G	02								
04085		XA202	39		XA117	55				16B	9		KMEA2B	01								
04087		XA117	55		XA118	78				16B	9	P	KMEA2DX	03	KMEA2B	01	1	DCF	C3	30B		
04088		XA118	78		XA331	72				16B	9	P	LMEA2DX	04	KMEA2B	02	1	DCF	D3	37B		
04089		XA331	72										KMEA2B	05			RR1	G5				
04090		XA117	55									J	KMEA2DX	01	KMEA2DX	00	1	DCF	C3	30B		KMEA2B BUSS
04086		XA117	53		XA202	40				16B	9		KMEA2G	01								
20296		XA202	40										KMEA2G	02								

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RECORD NUMBER	FROM				TO				WIRE				SIGNAL	SEG NO	EQUATION	TERM FACTOR	CKT OP CHIP TYPE	GROUP	LOAD OR POWER PLANS	TEST POINTS AND/OR	SIGNAL DESCRIPTION	ECO NO
	PREFIX	CONNECTOR	PIN	PL	PREFIX	CONNECTOR	PIN	PL	WIRE GROUP	CODE	COLOR	IDENT										
04091		XA202	41		XA117	46			16B	9			P	KMEA4B	01		EXT					
04093		XA117	46		XA118	65			16B	9			P	KMEA4DX	03	KMEA4B	01	1	DCF	C1	25B	MEM BK MSB DSPL
04094		XA118	65		XA331	74			16B	9			P	LMEA4DX	04	KMEA4B	02	1	DCF	D1	32B	
04095		XA331	74											KMEA4B	05				RR1	G6		
04096		XA117	46										J	KMEA4DX	01	KMEA4DX	00	1	DCF	C1	25B	KMEA4B BUSS
04092		XA117	45		XA202	42			16B	9				KMEA4G	01				DCF		27A	
20298		XA202	42											KMEA4G	02				EXT			
04097		XA120	20		XA119	17			16B	9				KMEPRB	01				RR4	B1		
04098		XA119	17		XA118	17			16B	9			P	LMEPRDX	02	KMEPRB	02	1	DCF	A3	07B	IOU MEM PAR ERR DI
04099		XA118	17		XA202	29			16B	9			P	KMEPRDX	03	KMEPRB	01	1	DCF	A3	07B	
04101		XA202	29											KMEPRB	05				EXT			
04102		XA118	17										J	KMEPRDX	01	KMEPRDX	00	1	DCF	A3	07B	KMEPRB BUSS
04100		XA118	19		XA202	30			16B	9				KMEPRG	01				DCF			
20300		XA202	30											KMEPRG	02				EXT			
04103		XA118	13		XA108	51			16B	9				KMEPRO	01	KMEPROX	01	1	DCF	A4	05B	
04104		XA108	51											KMEPRO	02	KMEPRO	00	1	TT3	D3	27B	MEMORY PARITY ER
04106		XA118	07		XA119	07			16B	9			P	KMETODX	02	KMETOB	01	1	DCF	A1	02B	CPU MEM TIMEOUT DS
04107		XA119	07		XA120	24			16B	9			P	LMETODX	03	KMETOB	02	1	DCF	A1	02B	
04108		XA120	24		XA202	31			16B	9				KMETOB	04				RR4	B3		
04109		XA202	31											KMETOB	05				EXT			
04110		XA118	07										J	KMETODX	01	KMETODX	00	1	DCF	A1	02B	KMETOB BUSS
04105		XA118	05		XA202	32			16B	9				KMETOG	01				DCF			
20302		XA202	32											KMETOG	02				EXT			
04111		XA207	51		XA118	11			16B	9				KMET00	01	KMET00	00	1	TQ2	D4	27B	MEMORY TIME OUT
04112		XA118	11											KMET00	02	KMET00X	01	1	DCF	A2	04B	
04113		XA120	17		XA117	43			16B	9				KMITOB	01				RR4	B4		
04114		XA117	43		XA118	61			16B	9			P	KMITODX	02	KMITOB	01	1	DCF	C7	25A	IOU MEM TIMEOUT DS
04116		XA118	61		XA202	33			16B	9			P	LMITODX	04	KMITOB	02	1	DCF	D7	33A	
04117		XA202	33											KMITOB	05				EXT			
04118		XA117	43										J	KMITODX	01	KMITODX	00	1	DCF	C7	25A	KMITOB BUSS
04115		XA117	44		XA202	34			16B	9				KMITOG	01				DCF			
20304		XA202	34											KMITOG	02				EXT			
04119		XA209	04		XA108	79			16B	9				KMR00R	01	KMR00R	00	1	TT3	A1	04A	MEM TIME OUT CPU
04120		XA108	79											KMR00R	02	KMR00S	01	3	TT3	F1	39B	

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	PREFIX	CONNECTOR	PIN	PREFIX	CONNECTOR	PIN	DR. FC	MULTI GROUP	CODE	COLOR											
04121		XA108	73		XA209	10			16B	9		KMR00S	01	KMR00S	00	1	TT3	F1	36B	MONITOR REG BIT	
04122		XA209	10		XA234	42			16B	9		KMR00S	02	KMR00R	01	3	TT3	A1	07A		
04123		XA234	42									KMR00S	03	TF001A	01	2	TQ2	C1	20A		
05259		XA208	29		XA209	07			16B	9		KMR01R	00	KSYSMO	00	1	TQ2	C3	14B	MONITOR REG BIT	B05
04124		XA209	07		XA108	72			16B	9		KMR01R	01	KMR01R	01	1	TT3	A2	03A		
04125		XA108	72									KMR01R	02	KMR01S	01	3	TT3	F2	34A		
04126		XA234	29		XA108	74			16B	9		KMR01S	01	TF011A	01	1	TQ2	C3	14B	MONITOR REG BIT	B05
04128		XA108	74		XA209	03			16B	9		KMR01S	03	KMR01S	00	1	TT3	F2	35B		
04129		XA209	03									KMR01S	04	KMR01R	01	2	TT3	A2	02A		
05276		XA208	31		XA209	15			16B	9		KMR02R	00	KSYSMO	01	2	TQ2	C3	15B	MONITOR REG BIT	B05
04130		XA209	15		XA108	69			16B	9		KMR02R	01	KMR02R	00	1	TT3	A3	07B		
04131		XA108	69									KMR02R	02	KMR02S	01	1	TT3	F3	35A		
04132		XA234	56		XA117	71			16B	9		KMR02S	01	TF021A	01	2	TQ2	D1	26A		
04133		XA117	71		XA108	80			16B	9		KMR02S	02	KCMPMOX	01	1	DCF	D2	34B		
04134		XA108	80		XA209	11			16B	9		KMR02S	03	KMR02S	00	1	TT3	F3	39A	MONITOR REG BIT	
04135		XA209	11									KMR02S	04	KMR02R	01	2	TT3	A3	05B		
04136		XA407	76		XA307	04			16B	9		KMR03R	01	KMR03S	01	1	TQ2	F4	37A		
04137		XA307	04									KMR03R	02	KMR03R	00	1	TT3	A1	04A	MONITOR REG BIT	
04138		XA234	41		XA307	10			16B	9		KMR03S	01	TF031A	01	1	TQ2	D3	22B		
04139		XA307	10		XA407	80			16B	9		KMR03S	02	KMR03R	01	3	TT3	A1	07A		
04140		XA407	80									KMR03S	03	KMR03S	00	1	TQ2	F4	39A	MONITOR REG BIT	
04141		XA306	01		XA307	07			16B	9		KMR04R	01	KMR04S	01	1	TT3	A2	02B		
04142		XA307	07									KMR04R	02	KMR04R	00	1	TT3	A2	03A	MONITOR REG BIT	
04143		XA118	5C		XA234	68			16B	9		KMR04S	01	KDVBLOX	01	1	DCF	C8	28A		
04144		XA234	68		XA307	05			16B	9		KMR04S	02	TF041A	01	1	TQ2	E1	32A		
04145		XA307	05		XA306	07			16B	9		KMR04S	03	KMR04R	01	3	TT3	A2	03B		
04146		XA306	07									KMR04S	04	KMR04S	00	1	TT3	A2	03A	MONITOR REG BIT	
04147		XA306	13		XA307	15			16B	9		KMR05R	01	KMR05S	01	3	TT3	A3	06B		
04148		XA307	15									KMR05R	02	KMR05R	00	1	TT3	A3	07B	MONITOR REG BIT	
04149		XA234	55		XA117	73			16B	9		KMR05S	01	TF051A	01	2	TQ2	E3	29B		
04150		XA117	73		XA307	13			16B	9		KMR05S	02	KSYSTOX	01	1	DCF	D4	35B		
04151		XA307	13		XA306	15			16B	9		KMR05S	03	KMR05R	01	3	TT3	A3	06B		
04152		XA306	15									KMR05S	04	KMR05S	00	1	TT3	A3	07B	MONITOR REG BIT	
04153		XA209	45		XA346	80			16B	9		KMR06A	01	KMR06R	01	1	TT3	D3	24B	MASTER RESET - F	
04154		XA346	80									KMR06A	02	KMR06A	00	1	TQ2	F4	39A		
04155		XA208	40		XA209	51			16B	9		KMR06R	01	KMR06S	01	1	TQ2	C1	19A		
									****	SIGNAL	(KMR06R			S ON THE						NEXT PAGE	****

DRAWING NUMBER		149019-800		STRING		UNIT ASSEMBLY NO.		149019		REV. G		INDEX		KMR06R			
UNIT ASSEMBLY NAME		CARD CAGE ASSY, I/C UNIT		FILE IDENT		T39BIUX2		DATE		09-03-82		PAGE		39			
RECORD NUMBER	FROM	TO	FROM	TO	FROM	TO	FROM	TO	FROM	TO	FROM	TO	FROM	TO	FROM	TO	
PREFIX	CONNECTOR	PIN	PREFIX	CONNECTOR	PIN	GROUP	CODE	COND.	SIGNAL	SFQ NO.	EQUATION	TRF	TRF	TRF	TRF	TRF	
04156	XA209	51							KMR06R	02	KMR06R	00	1	TT3	D3	27B	MONITOR REG BIT
04157	XA234	75		XA209	49		16B	9	KMR06S	01	TF061A	01	2	TQ2	F1	39B	
04158	XA209	49		XA208	38		16B	9	KMR06S	02	KMR06R	01	3	TT3	D3	26B	
04159	XA208	38							KMR06S	03	KMR06S	00	1	TQ2	C1	18A	MONITOR REG BIT
04160	XA446	15		XA346	78		16B	9	KMR060	01	KMP060	00	1	TQ2	A4	07B	TOM ADD BIT 0 TO
04161	XA346	78							KMR060	02	KMR06A	01	2	TQ2	F4	38A	
05095	XA122	30		XA209	64		16B	9	KMR07R	01	KMR07S	01	2	TT3	C2	15A	C09
04163	XA209	64							KMR07R	02	KMR07R	00	1	TT3	E1	30A	MONITOR REG BIT
04164	XA209	68		XA122	31		16B	9	KMR07S	01	KMR07R	01	2	TT3	E1	32A	C09
07843	XA122	31		XA234	65		16B	9	KMR07S	02	KMR07S	00	1	TT3	C2	15B	C09
04166	XA234	65							KMP07S	03	TF071A	01	1	TQ2	F3	34B	
04167	XA306	22		XA307	20		16B	9	KMR08R	01	KMR08S	01	1	TT3	B1	12A	
04168	XA307	20							KMR08R	02	KMR08R	00	1	TT3	B1	11A	MONITOR REG BIT
04170	XA233	10		XA117	31		16B	9	KMR08S	01	TF081A	01	2	TQ2	A1	07A	
04171	XA117	31		XA307	26		16B	9	KMR08S	02	KI0PROX	01	1	DCF	B2	12B	
04172	XA307	26		XA306	20		16B	9	KMR08S	03	KMR08R	01	3	TT3	B1	14A	
04173	XA306	20							KMR08S	04	KMR08S	00	1	TT3	B1	11A	MONITOR REG BIT
04174	XA306	18		XA307	19		16B	9	KMR09R	01	KMR09S	01	3	TT3	B2	10A	
04175	XA307	19		XA308	56		16B	9	KMR09R	02	KMR09R	00	1	TT3	B2	09B	MONITOR REG BIT
04176	XA308	56							KMR09R	03	KSMALO	01	4	TD4	D1	26A	
04177	XA118	04		XA233	03		16B	9	KMR09S	01	KI0T00X	01	1	DCF	A8	04A	
04178	XA233	03		XA307	18		16B	9	KMR09S	02	TF091A	01	1	TQ2	A3	02A	
04179	XA307	18		XA306	19		16B	9	KMR09S	03	KMR09R	01	3	TT3	B2	10A	
04180	XA306	19							KMR09S	04	KMR09S	00	1	TT3	B2	09B	MONITOR REG BIT
04181	XA306	25		XA307	27		16B	9	KMR10R	01	KMR10S	01	3	TT3	B3	12B	
04182	XA307	27							KMR10R	02	KMR10R	00	1	TT3	B3	13B	MONITOR REG BIT
04183	XA233	24		XA307	23		16B	9	KMR10S	01	TF101A	01	1	TQ2	B1	13A	
04184	XA307	23		XA306	27		16B	9	KMR10S	02	KMR10R	01	2	TT3	B3	11B	
04185	XA306	27							KMR10S	03	KMR10S	00	1	TT3	B3	13B	MONITOR REG BIT
04186	XA108	47		XA216	66		16B	9	KMR11R	01	KMEPRO	01	2	TT3	D3	25B	
04187	XA216	66		XA307	36		16B	9	KMR11R	02	KCMALO	01	6	TS8	E1	31A	
04188	XA307	36		XA306	38		16B	9	KMR11R	03	KMR11R	00	1	TT3	C1	17A	MONITOR REG BIT
04189	XA306	38							KMR11R	04	KMR11S	01	1	TT3	C1	18A	
04190	XA233	15		XA306	36		16B	9	KMR11S	01	TF111A	01	2	TQ2	B3	09B	
04191	XA306	36		XA307	42		16B	9	KMR11S	02	KMR11S	00	1	TT3	C1	17A	MONITOR REG BIT
04192	XA307	42							KMR11S	03	KMR11R	01	3	TT3	C1	20A	
04193	XA306	34		XA307	31		16B	9	KMR12R	01	KMR12S	01	3	TT3	C2	16A	
**** SIGNAL KMR12R IS ON THE NEXT PAGE ****																	

DRAWING NUMBER 149019-800
 UNIT ASSEMBLY NAME CARD CAGE ASSY, I/O UNIT

STRING

UNIT ASSEMBLY NO. 149019
 FILE IDENT T39BIUX2

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 DATE 09-03-82

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RECORD NUMBER	FROM				TO				WIRE				SIGNAL	SFO NO	EQUATION	TERM	FAC	CMT OR CHIP TYPE	DGM	LOAD ON POWER PLANS	TEST POINTS (AND) OR	SIGNAL DESCRIPTION	ECG NO
	PREFIX	CONNECTOR	PIN	SHFG	PREFIX	CONNECTOR	PIN	SHFG	MULTI GROUP	CODE	COLOR	IDENT											
04194		XA307	31		XA216	64				16B	9		KMR12R	02	KMR12R	00	1	TT3	C2	15B	MONITOR REG BIT		
04195		XA216	64		XA108	45				16B	9		KMR12R	03	KCMALJ	01	5	TS8	E1	30A			
04196		XA108	45										KMR12R	04	KMEPRJ	01	1	TT3	D3	24B			
04157		XA306	31		XA307	30				16B	9		KMR12S	01	KMR12S	00	1	TT3	C2	15B	MONITOR REG BIT		
04198		XA307	30		XA233	40				16B	9		KMR12S	02	KMR12R	01	2	TT3	C2	15A			
04199		XA233	40										KMR12S	03	TF121A	01	1	TQ2	C1	19A			
04200		XA216	68		XA307	39				16B	9		KMR13R	01	KCMAL0	01	7	TS8	E1	32A			
04201		XA307	39		XA306	33				16B	9		KMR13R	02	KMR13R	00	1	TT3	C3	19B	MONITOR REG BIT		
04202		XA306	33										KMR13R	03	KMR13S	01	1	TT3	C3	16B			
04203		XA233	31		XA117	50				16B	9		KMR13S	01	TF131A	01	2	TQ2	C3	15B			
04204		XA117	50		XA307	35				16B	9		KMR13S	02	KMI100X	01	1	DCF	C8	28A			
04205		XA307	35		XA306	39				16B	9		KMR13S	03	KMR13R	01	2	TT3	C3	17B			
04206		XA306	39										KMR13S	04	KMR13S	00	1	TT3	C3	19B	MONITOR REG BIT		
04207		XA216	55		XA307	50				16B	9		KMR14R	01	KCMAL0	01	1	TS8	E1	29B			
04208		XA307	50		XA306	54				16B	9		KMR14R	02	KMR14R	00	1	TT3	D1	23A	MONITOR REG BIT		
04209		XA306	54										KMR14R	03	KMR14S	01	2	TT3	D1	25A			
04210		XA117	33		XA233	56				16B	9		KMR14S	01	KI0CT0X	01	1	DCF	B4	13B			
04211		XA233	56		XA306	50				16B	9		KMR14S	02	TF141A	01	2	TQ2	D1	26A			
04212		XA306	50		XA307	56				16B	9		KMR14S	03	KMR14S	00	1	TT3	D1	23A	MONITOR REG BIT		
04213		XA307	56										KMR14S	04	KMR14R	01	3	TT3	D1	26A			
04214		XA307	43		XA306	48				16B	9		KMR15R	01	KMR15R	00	1	TT3	D2	23B	MONITOR REG BIT		
04215		XA306	48		XA308	52				16B	9		KMR15R	02	KMR15S	01	3	TT3	D2	22A			
04216		XA308	52										KMR15R	03	KSMAL0	01	2	TD4	D1	24A			
04217		XA306	43		XA307	48				16B	9		KMR15S	01	KMR15S	00	1	TT3	D2	23B	MONITOR REG BIT		
04218		XA307	48		XA117	70				16B	9		KMR15S	02	KMR15R	01	3	TT3	D2	22A			
04219		XA117	70		XA233	41				16B	9		KMR15S	03	KPRGTOX	01	1	DCF	D8	35A			
04220		XA233	41										KMR15S	04	TF151A	01	1	TQ2	D3	22B			
04900		XA122	35		XA209	55				16B	9		KMR16R	01	KMR16S	01	2	TT3	C3	17B		C10	
04222		XA209	55										KMR16R	02	KMR16R	00	1	TT3	E2	29B	MONITOR REG BIT		
04223		XA209	53		XA122	39				16B	9		KMR16S	01	KMR16R	01	1	TT3	E2	28B		C10	
07844		XA122	39		XA233	68				16B	9		KMR16S	02	KMR16S	00	1	TT3	C3	19B		C10	
04225		XA233	68										KMR16S	03	TF161A	01	1	TQ2	E1	32A			
04226		XA425	55		XA210	77				16B	9		KMR17R	01	TD0280	01	1	TD4	E2	29B			
04227		XA210	77		XA209	63				16B	9		KMR17R	02	KMR17S	01	1	TQ2	F1	38B			
04228		XA209	63										KMR17R	03	KMR17R	00	1	TT3	E3	33B	MONITOR REG BIT		
04229		XA210	75		XA209	61				16B	9		KMR17S	01	KMR17S	00	1	TQ2	F1	37B	MONITOR REG BIT		
04230		XA209	61		XA233	55				16B	9		KMR17S	02	KMR17R	01	3	TT3	E3	32B			
04231		XA233	55		XA332	68				16B	9		KMR17S	03	TF171A	01	2	TQ2	E3	29B			
04232		XA332	68		XA423	29				16B	9		KMR17S	04	TK211A	01	1	TQ2	E1	32A			
												****	SIGNAL (KMR17S) IS ON THE NEXT PAGE				****						

DRAWING NUMBER		149019-800										STRING		UNIT ASSEMBLY NO.		149019		REV		G		INDEX		KMR23S	
UNIT ASSEMBLY NAME		CARD CAGE ASSY, I/O UNIT										FILE IDENT		T39BIUX2		DATE		09-03-82		PAGE		42			
RECORD NUMBER	FROM				TO				WIRE				SIGNAL	SEC NO	EQUATION	TERM	FACTOR	CKT OR CHIP TYPE	GROUP	USED 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
04271		XA232	17		XA117	51								KMR23S	01	TF231A	01	1	TQ2	B3		08B			
04272		XA117	51		XA308	76								KMR23S	02	KMEA20X	01	1	DCF	C4		28B			
04273		XA308	76		XA309	79								KMR23S	03	KMR23S	00	1	T04	F1		37A	MONITOR REG BIT		
04274		XA309	79											KMR23S	04	KMR23R	01	3	TT3	F1		39B			
04275		XA309	74		XA308	71								KMR24R	01	KMR24R	00	1	II3	F2		35B	MONITOR REG BIT		
04276		XA308	71											KMR24R	02	KMR24S	01	1	TD4	F2		36A			
04277		XA308	69		XA309	72								KMR24S	01	KMR24S	00	1	TD4	F2		35A	MONITOR REG BIT		
04278		XA309	72		XA117	54								KMR24S	02	KMR24R	01	3	TT3	F2		34A			
04279		XA117	54		XA232	40								KMR24S	03	KMR24S	01	1	DCF	C6		30A			
04280		XA232	40											KMR24S	04	TF241A	01	1	TQ2	C1		19A			
04281		XA307	51		XA306	49								KMR25R	01	KMR25R	00	1	TT3	D3		27B	MONITOR REG BIT		
04282		XA306	49											KMR25R	02	KMR25S	01	3	TT3	D3		26B			
04283		XA306	51		XA307	47								KMR25S	01	KMR25S	00	1	TT3	D3		27B	MONITOR REG BIT		
04284		XA307	47		XA118	54								KMR25S	02	KMR25R	01	2	TT3	D3		25B			
04285		XA118	54		XA232	31								KMR25S	03	K10C80X	01	1	DCF	C6		30A			
04286		XA232	31											KMR25S	04	TF251A	01	2	TQ2	C3		15B			
04287		XA306	66		XA307	64								KMR26R	01	KMR26S	01	1	TT3	E1		31A			
04288		XA307	64											KMR26R	02	KMR26R	00	1	TT3	E1		30A	MONITOR REG BIT		
04289		XA117	38		XA232	56								KMR26S	01	K10C40X	01	1	DCF	B6		14A			
04290		XA232	56		XA307	70								KMR26S	02	TF261A	01	2	TQ2	D1		26A			
04291		XA307	70		XA306	64								KMR26S	03	KMR26R	01	3	TT3	E1		33A			
04292		XA306	64											KMR26S	04	KMR26S	00	1	TT3	E1		30A	MONITOR REG BIT		
04293		XA306	62		XA307	55								KMR27R	01	KMR27S	01	3	TT3	E2		29A			
04294		XA307	55											KMR27R	02	KMR27R	00	1	TT3	E2		29B	MONITOR REG BIT		
04295		XA306	55		XA307	62								KMR27S	01	KMR27S	00	1	TT3	E2		29B	MONITOR REG BIT		
04296		XA307	62		XA232	41								KMR27S	02	KMR27R	01	3	TT3	E2		29A			
04297		XA232	41		XA117	34								KMR27S	03	TF271A	01	1	TQ2	D3		22B			
04298		XA117	34											KMR27S	04	K10C20X	01	1	DCF	B8		12A			
04299		XA307	63		XA306	61								KMR28R	01	KMR28R	00	1	TT3	E3		33B	MONITOR REG BIT		
04300		XA306	61											KMR28R	02	KMR28S	01	3	TT3	E3		32B			
04301		XA117	11		XA232	70								KMR28S	01	K10C10X	01	1	DCF	A2		04B			
04302		XA232	70		XA307	59								KMR28S	02	TF281A	01	2	TQ2	E1		33A			
04303		XA307	59		XA306	63								KMR28S	03	KMR28R	01	2	TT3	E3		31B			
04304		XA306	63											KMR28S	04	KMR28S	00	1	TT3	E3		33B	MONITOR REG BIT		
04305		XA306	75		XA307	73								KMR29R	01	KMR29S	01	1	TT3	F1		37B			
04306		XA307	73											KMR29R	02	KMR29R	00	1	TT3	F1		36B	MONITOR REG BIT		
04307		XA117	13		XA232	55								KMR29S	01	KDVC40X	01	1	DCF	A4		05B			
04308		XA232	55		XA306	73								KMR29S	02	TF291A	01	2	TQ2	E3		29B			
													****	SIGNAL	{	KMR29S	}	IS ON THE	NEXT PAGE	****					

DRAWING NUMBER		149019-800		STRING		UNIT ASSEMBLY NO.		149019		REV		G		INDEX		KSWRSR				
UNIT ASSEMBLY NAME		CARD CAGE ASSY, I/O UNIT				FILE IDENT		T398IUX2		DATE		09-03-82		PAGE		44				
RECORD NUMBER	FROM			TO			WIRE			SIGNAL	SEQ NO	EQUATION	TERMIN	FACTORY	CNT OR CH.P. TYPE	GND	LOAD ON POWER PLANE	TEST POINTS (END)	SIGNAL DESCRIPTION	ECC NO
	PREFIX	CONNECTOR	PIN	PREFIX	CONNECTOR	PIN	MULTI GROUP	CODE	COL 39											
04345		XA425	50								KSWRSR	03	TF10S0	01	4	TD4	D2	23A		
04346		XA440	70		XA438	72			16B	9	KSWRSS	01	KSWRSR	01	2	TQ2	E1	33A	RESTART SW	
04347		XA438	72								KSWRSS	02	KSWRSS	00	1	TQ2	F2	34A		
04348		XA210	39		XA208	37			16B	9	KSWSTR	01	KSWSTR	00	1	TQ2	C4	19B	START TEST SWITC	
04349		XA208	37								KSWSTR	02	KSWSTS	01	2	TQ2	C4	18B		
04350		XA442	79		XA436	76			16B	9	KSWSTS	01	RSWRQN	01	1	TDD	LN	39B		
04351		XA436	76		XA207	76			16B	9	KSWSTS	02	RINDAA	01	2	TT3	F3	37A		
04352		XA207	76		XA208	39			16B	9	KSWSTS	03	KSRSTA	01	1	TQ2	F4	37A	START TEST SWITC	
04353		XA208	39		XA210	37			16B	9	KSWSTS	04	KSWSTS	00	1	TQ2	C4	19B		
04354		XA210	37								KSWSTS	05	KSWSTR	01	2	TQ2	C4	18B		
04355		XA201	01		XA117	80			16B	9	KSYSMB	01					EXT			
04357		XA117	80		XA119	80			16B	9	KSYSMDX	03	KSYSMB	01	1	DCF	D5	38B		
04358		XA119	80		XA120	36			16B	9	LSYSMDX	04	KSYSMB	02	1	DCF	D5	38B		
04359		XA120	36								KSYSMB	05					RR4	C1		
04360		XA117	80								J KSYSMDX	01	KSYSMDX	00	1	DCF	D5	38B	KSYSMB	BUSS
04356		XA117	75		XA201	02			16B	9	KSYSMG	01					DCF		40B	
20308		XA201	02								KSYSMG	02					EXT			
07874		XA208	33		XA117	74			16B	9	KSYSMO	01	KSYSMO	00	1	TQ2	C3	16B		B05
04127		XA117	74								KSYSMO	02	KSYSMOX	01	1	DCF	D6	37A		B05
04361		XA120	09		XA119	78			16B	9	KSYSTB	01					RR4	A5		
04362		XA119	78		XA117	78			16B	9	LSYSTDX	02	KSYSTB	02	1	DCF	D3	37B		
04363		XA117	78		XA202	45			16B	9	KSYSTDX	03	KSYSTB	01	1	DCF	D3	37B		
04365		XA202	45								KSYSTB	05					EXT			
04366		XA117	78								J KSYSTDX	01	KSYSTDX	00	1	DCF	D3	37B	KSYSTB	BUSS
04364		XA117	77		XA202	46			16B	9	KSYSTG	01					DCF			
20310		XA202	46								KSYSTG	02					EXT			
09936		XA415	03		XA213	54			16B	9	KWML10	005	TI333A	01	1	TQ2	A3	02A		001
04367		XA213	54		XA232	13			16B	9	KWML10	01	KWML10	00	1	THI	D1	25A	MAINT SWITCH LSD	
04368		XA232	13								KWML10	02	TF212A	01	2	TQ2	A4	06B		
04369		XA232	04		XA213	49			16B	9	KWML20	01	TF202A	01	1	TQ2	A2	04A	MAINT SWITCH LSD	
04370		XA213	49								KWML20	02	KWML20	00	1	THI	D2	23A		
04371		XA213	48		XA233	76			16B	9	KWML40	01	KWML40	00	1	THI	D3	21A	MAINT SWITCH LSD	
04372		XA233	76								KWML40	02	TF192A	01	1	TQ2	F4	37A		
04373		XA233	73		XA213	43			16B	9	KWMM10	01	TF182A	01	2	TQ2	F2	36B	MAINT SWITCH MSD	
04374		XA213	43								KWMM10	02	KWMM10	00	1	THI	D5	24B		
										****	SIGNAL (KWMM20)		IS ON THE NEXT PAGE ****							

DRAWING NUMBER 149019-800
UNIT ASSEMBLY NAME CARD CAGE ASSY, I/O UNIT

STRING

UNIT ASSEMBLY NO. 149019
PART IDENT T3981UX2

REV G DATE 09-03-82 INDEX PAGE KWMM20 45

RECORD NUMBER	FROM			TO			WIRE	SIGNAL	SEC NO	EQUATION	Y	Z	FACTORY	CKT OR SWR TYPE	GND	LOAD ON POWER PLANE	TEST POINTS	SIGNAL DESCRIPTION	SCO NO
	PREFIX	CONNECTOR	PIN	PREFIX	CONNECTOR	PIN													
04375		XA205	53		XA233	59	168 9	KWMM20	01	KWMM20	00	1	THI	D6		26B	MAINT SWITCH MSD		
04376		XA233	55					KWMM20	02	TF172A	01	1	TQ2	E4		31B			
04377		XA233	64		XA213	18	168 9	KWMM40	01	TF162A	01	2	TQ2	E2		30A	MAINT SWITCH MSD		
04378		XA213	1E					KWMM40	02	KWMM40	00	1	THI	B3		09A			
04379		XA208	24		XA208	17	168 9	KOR110	01	K0128A	01	1	TQ2	B1		13A	OFR ADDRESS 01		
04380		XA208	17		XA210	17	168 9	KOR110	02	K0129A	01	1	TQ2	B3		08B	OFR ADDRESS 01		
04381		XA210	17		XA211	17	168 9	KOR110	03	K0127A	01	1	TQ2	B3		08B	OFR ADDRESS 01		
04382		XA211	17		XA212	17	168 9	KOR110	04	K0115A	01	1	TQ2	B3		08B	OFR ADDRESS 01		
04383		XA212	17		XA211	08	168 9	KOR110	05	K0103A	01	1	TQ2	B3		08B	OFR ADDRESS 01		
04384		XA211	08		XA210	08	168 9	KOR110	06	K0112A	01	1	TQ2	A1		06A	OFR ADDRESS 01		
04385		XA210	08		XA211	03	168 9	KOR110	07	K0124A	01	1	TQ2	A1		06A	OFR ADDRESS 01		
04386		XA211	03		XA210	03	168 9	KOR110	08	K0113A	01	1	TQ2	A3		02A	OFR ADDRESS 01		
04387		XA210	03		XA212	03	168 9	KOR110	09	K0125A	01	1	TQ2	A3		02A	OFR ADDRESS 01		
04388		XA212	03		XA212	08	168 9	KOR110	10	K0101A	01	1	TQ2	A3		02A	OFR ADDRESS 01		
04389		XA212	08		XA335	15	168 9	KOR110	11	K0100A	01	1	TQ2	A1		06A	OFR ADDRESS 01		
04390		XA335	15					KOR110	12	KOR110	00	1	TQ2	A4		07B			
04391		XA210	24		XA212	24	168 9	KOR120	01	K0126A	01	1	TQ2	B1		13A	OFR ADDRESS 01		
04392		XA212	24		XA211	24	168 9	KOR120	02	K0102A	01	1	TQ2	B1		13A	OFR ADDRESS 01		
04393		XA211	24		XA212	29	168 9	KOR120	03	K0114A	01	1	TQ2	B1		13A	OFR ADDRESS 01		
04394		XA212	29		XA211	29	168 9	KOR120	04	K0105A	01	1	TQ2	C3		14B	OFR ADDRESS 01		
04395		XA211	29		XA210	41	168 9	KOR120	05	K0117A	01	1	TQ2	C3		14B	OFR ADDRESS 01		
04396		XA210	41		XA211	41	168 9	KOR120	06	K0131A	01	1	TQ2	D3		22B	OFR ADDRESS 01		
04397		XA211	41		XA211	40	168 9	KOR120	07	K0119A	01	1	TQ2	D3		22B	OFR ADDRESS 01		
04398		XA211	40		XA212	41	168 9	KOR120	08	K0116A	01	1	TQ2	C1		19A	OFR ADDRESS 01		
04399		XA212	41		XA212	40	168 9	KOR120	09	K0107A	01	1	TQ2	D3		22B	OFR ADDRESS 01		
04400		XA212	40		XA335	27	168 9	KOR120	10	K0104A	01	1	TQ2	C1		19A	OFR ADDRESS 01		
04401		XA335	27					KOR120	11	KOR120	00	1	TQ2	B4		13B			
04402		XA335	39		XA212	77	168 9	KOR130	01	KOR130	00	1	TQ2	C4		19B			
04403		XA212	77		XA211	77	168 9	KOR130	02	K0110A	01	1	TQ2	F1		38B	OFR ADDRESS 01		
04404		XA211	77		XA211	65	168 9	KOR130	03	K0122A	01	1	TQ2	F1		38B	OFR ADDRESS 01		
04405		XA211	65		XA212	65	168 9	KOR130	04	K0123A	01	1	TQ2	F3		34B	OFR ADDRESS 01		
04406		XA212	65		XA211	68	168 9	KOR130	05	K0111A	01	1	TQ2	F3		34B	OFR ADDRESS 01		
04407		XA211	68		XA212	68	168 9	KOR130	06	K0120A	01	1	TQ2	E1		32A	OFR ADDRESS 01		
04408		XA212	68		XA212	54	168 9	KOR130	07	K0108A	01	1	TQ2	E1		32A	OFR ADDRESS 01		
04409		XA212	54		XA212	53	168 9	KOR130	08	K0106A	01	1	TQ2	D1		25A	OFR ADDRESS 01		
04410		XA212	53		XA211	54	168 9	KOR130	09	K0109A	01	1	TQ2	E3		28B	OFR ADDRESS 01		
04411		XA211	54		XA211	53	168 9	KOR130	10	K0118A	01	1	TQ2	D1		25A	OFR ADDRESS 01		
04412		XA211	53		XA210	54	168 9	KOR130	11	K0121A	01	1	TQ2	E3		28B	OFR ADDRESS 01		
04413		XA210	54					KOR130	12	K0130A	01	1	TQ2	D1		25A	OFR ADDRESS 01		
04414		XA208	25		XA208	20	168 9	KOR210	01	K0229A	01	2	TQ2	B4		12B	OFR ADDRESS 02		
04415		XA208	20		XA210	13	168 9	KOR210	02	K0228A	01	2	TQ2	B2		11A	OFR ADDRESS 02		
04416		XA210	13		XA210	05	168 9	KOR210	03	K0225A	01	2	TQ2	A4		06B	OFR ADDRESS 02		
04417		XA210	05		XA211	05	168 9	KOR210	04	K0224A	01	2	TQ2	A2		03B	OFR ADDRESS 02		
04418		XA211	05		XA212	05	168 9	KOR210	05	K0212A	01	2	TQ2	A2		03B	OFR ADDRESS 02		
04419		XA212	05		XA212	13	168 9	KOR210	06	K0200A	01	2	TQ2	A2		03B	OFR ADDRESS 02		
*** SIGNAL KOR210 IS ON THE NEXT PAGE ***																			

DRAWING NUMBER		149019-800		STRING		UNIT ASSEMBLY NO		149019		G		PAGE		KOR21											
UNIT ASSEMBLY NAME		CARD CAGE ASSY, I/O UNIT		FILE IDENT		T39BIUX2		09-03-82		46															
RECORD NUMBER	FROM				TO				WIRE				SIGNAL	SEC NO	EQUATION	FEBY	FACTOR	CAT OR CHIP TYPE	QUANT	UP POWER PLANT	PARTS LIST OR	SYMBOL DESCRIPTION	REQ NO		
	PREFIX	CONNECTOR	PIN	SH 10	PREFIX	CONNECTOR	PIN	SH 10	MULTI GROUP	CODE	COLOR	IDENT												SEC INST	MISC
04420		XA212	13		XA211	13			16B	9				KOR210	07	K0201A	01	2	TQ2	A4		06B	OFR ADDRESS 02		
04421		XA211	13		XA210	20			16B	9				KOR210	08	K0213A	01	2	TQ2	A4		06B	OFR ADDRESS 02		
04422		XA210	20		XA211	20			16B	9				KOR210	09	K0226A	01	2	TQ2	B2		11A	OFR ADDRESS 02		
04423		XA211	20		XA212	20			16B	9				KOR210	10	K0214A	01	2	TQ2	B2		11A	OFR ADDRESS 02		
04424		XA212	20		XA225	27			16B	9				KOR210	11	K0202A	01	2	TQ2	B2		11A	OFR ADDRESS 02		
04425		XA225	27											KOR210	12	KOR210	00	1	TQ2	B4		13B			
04426		XA225	21		XA212	25			16B	9				KOR220	01	KOR220	00	1	TQ2	B3		10B			
04427		XA212	25		XA210	25			16B	9				KOR220	02	K0203A	01	2	TQ2	B4		12B	OFR ADDRESS 02		
04428		XA210	25		XA211	25			16B	9				KOR220	03	K0227A	01	2	TQ2	B4		12B	OFR ADDRESS 02		
04429		XA211	25		XA211	37			16B	9				KOR220	04	K0215A	01	2	TQ2	B4		12B	OFR ADDRESS 02		
04430		XA211	37		XA212	37			16B	9				KOR220	05	K0217A	01	2	TQ2	C4		18B	OFR ADDRESS 02		
04431		XA212	37		XA211	36			16B	9				KOR220	06	K0205A	01	2	TQ2	C4		18B	OFR ADDRESS 02		
04432		XA211	36		XA212	36			16B	9				KOR220	07	K0216A	01	2	TQ2	C2		17A	OFR ADDRESS 02		
04433		XA212	36		XA211	50			16B	9				KOR220	08	K0204A	01	2	TQ2	C2		17A	OFR ADDRESS 02		
04434		XA211	50		XA211	49			16B	9				KOR220	09	K0218A	01	2	TQ2	O2		23A	OFR ADDRESS 02		
04435		XA211	49		XA210	50			16B	9				KOR220	10	K0219A	01	2	TQ2	O4		26B	OFR ADDRESS 02		
04436		XA210	50		XA210	49			16B	9				KOR220	11	K0230A	01	2	TQ2	O2		23A	OFR ADDRESS 02		
04437		XA210	49											KOR220	12	K0231A	01	2	TQ2	O4		26B	OFR ADDRESS 02		
04438		XA212	78		XA211	78			16B	9				KOR230	01	K0211A	01	2	TQ2	F4		38A	OFR ADDRESS 02		
04439		XA211	78		XA212	73			16B	9				KOR230	02	K0223A	01	2	TQ2	F4		38A	OFR ADDRESS 02		
04440		XA212	73		XA211	73			16B	9				KOR230	03	K0210A	01	2	TQ2	F2		36B	OFR ADDRESS 02		
04441		XA211	73		XA211	61			16B	9				KOR230	04	K0222A	01	2	TQ2	F2		36B	OFR ADDRESS 02		
04442		XA211	61		XA212	64			16B	9				KOR230	05	K0221A	01	2	TQ2	E4		32B	OFR ADDRESS 02		
04443		XA212	64		XA211	64			16B	9				KOR230	06	K0208A	01	2	TQ2	E2		30A	OFR ADDRESS 02		
04444		XA211	64		XA212	61			16B	9				KOR230	07	K0220A	01	2	TQ2	E2		30A	OFR ADDRESS 02		
04445		XA212	61		XA212	49			16B	9				KOR230	08	K0209A	01	2	TQ2	E4		32B	OFR ADDRESS 02		
04446		XA212	49		XA212	50			16B	9				KOR230	09	K0207A	01	2	TQ2	O4		26B	OFR ADDRESS 02		
04447		XA212	50		XA225	30			16B	9				KOR230	10	K0206A	01	2	TQ2	O2		23A	OFR ADDRESS 02		
04448		XA225	30											KOR230	11	KOR230	00	1	TQ2	C2		15A			
04449		XA108	77		XA212	06			16B	9				K0100A	01	KMR00S	01	2	TT3	F1		38B			
04450		XA212	06											K0100A	02	K0100A	00	1	TQ2	A1		05A	(OFR 01)(DATA BIT		
04451		XA212	09		XA108	71			16B	9				K0101A	01	K0101A	00	1	TQ2	A3		04B	(OFR 01)(DATA BI		
04452		XA108	71											K0101A	02	KMR01S	01	2	TT3	F2		36A			
04453		XA108	78		XA212	22			16B	9				K0102A	01	KMR02S	01	3	TT3	F3		38A			
04454		XA212	22											K0102A	02	K0102A	00	1	TQ2	B1		12A	(OFR 01)(DATA BI		
04455		XA407	78		XA212	21			16B	9				K0103A	01	KMR03S	01	2	TQ2	F4		38A			
04456		XA212	21											K0103A	02	K0103A	00	1	TQ2	B3		10B	(OFR 01)(DATA BI		
04457		XA306	03		XA212	38			16B	9				K0104A	01	KMR04S	01	2	TT3	A2		02A			
04458		XA212	38											K0104A	02	K0104A	00	1	TQ2	C1		18A	(OFR 01)(DATA BI		
04459		XA212	33		XA306	09			16B	9				K0105A	01	K0105A	00	1	TQ2	C3		16B	(OFR 01)(DATA BI		
04460		XA306	09											K0105A	02	KMR05S	01	1	TT3	A3		04B			
									****	SIGNAL	(K0106A													IS ON THE NEXT PAGE ****	

DRAWING NUMBER 149019-800
 UNIT ASSEMBLY NAME CARD CAGE ASSY, I/O UNIT

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UNIT ASSEMBLY NO. 149019
 FILE IDENT T39BIUX2

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RECORD NUMBER	FROM				TO				WIRE				SFC	INST	MISC	SIGNAL	SFC NO	EQUATION	TERM	FACTOR	CKT OR CHIP TYPE	SPOF	LOAD OR POWER PLANE	TEST POINTS AND/OR	SIGNAL DESCRIPTION	ECO NO
	PREFIX	CONNECTOR	PIN	SH FTG	PREFIX	CONNECTOR	PIN	SH FTG	MULTI GROUP	CODE	COLOR	IDENT														
04461		XA208	42			XA212	52			16B	9				K0106A	01	KMR06S	01	2	TQ2	C1		20A	(OFR 01)(DATA BI		
04462		XA212	52												K0106A	02	K0106A	00	1	TQ2	D1		24A			
04899		XA122	29			XA212	45			16B	9				K0107A	01	KMR07S	01	1	TT3	C2		14B	(OFR 01)(DATA BI	C09	
04464		XA212	45												K0107A	02	K0107A	00	1	TQ2	D3		24B			
04465		XA306	24			XA212	66			16B	9				K0108A	01	KMR08S	01	2	TT3	B1		13A	(OFR 01)(DATA BI		
04466		XA212	66												K0108A	02	K0108A	00	1	TQ2	E1		31A			
04467		XA212	57			XA306	14			16B	9				K0109A	01	K0109A	00	1	TQ2	E3		30B	(OFR 01)(DATA BI		
04468		XA306	14												K0109A	02	KMR09S	01	1	TT3	B2		09A			
04469		XA306	23			XA212	75			16B	9				K0110A	01	KMR10S	01	2	TT3	B3		11B	(OFR 01)(DATA BI		
04470		XA212	75												K0110A	02	K0110A	00	1	TQ2	F1		37B			
04471		XA212	69			XA306	40			16B	9				K0111A	01	K0111A	00	1	TQ2	F3		35A	(OFR 01)(DATA BI		
04472		XA306	40												K0111A	02	KMR11S	01	2	TT3	C1		19A			
04473		XA306	30			XA211	06			16B	9				K0112A	01	KMR12S	01	2	TT3	C2		15A	(OFR 01)(DATA BI		
04474		XA211	06												K0112A	02	K0112A	00	1	TQ2	A1		05A			
04475		XA211	09			XA306	37			16B	9				K0113A	01	K0113A	00	1	TQ2	A3		04B	(OFR 01)(DATA BI		
04476		XA306	37												K0113A	02	KMR13S	01	3	TT3	C3		18B			
04477		XA306	56			XA211	22			16B	9				K0114A	01	KMR14S	01	3	TT3	D1		26A	(OFR 01)(DATA BI		
04478		XA211	22												K0114A	02	K0114A	00	1	TQ2	B1		12A			
04479		XA211	21			XA306	46			16B	9				K0115A	01	K0115A	00	1	TQ2	B3		10B	(OFR 01)(DATA BI		
04480		XA306	46												K0115A	02	KMR15S	01	2	TT3	D2		21A			
04952		XA122	33			XA211	38			16B	9				K0116A	01	KMR16S	01	1	TT3	C3		16B	(OFR 01)(DATA BI	C10	
04482		XA211	38												K0116A	02	K0116A	00	1	TQ2	C1		18A			
04483		XA210	79			XA211	33			16B	9				K0117A	01	KMR17S	01	2	TQ2	F1		39B	(OFR 01)(DATA BI		
04484		XA211	33												K0117A	02	K0117A	00	1	TQ2	C3		16B			
04485		XA211	52			XA210	73			16B	9				K0118A	01	K0118A	00	1	TQ2	D1		24A	(OFR 01)(DATA BI		
04486		XA210	73												K0118A	02	KMR18S	01	2	TQ2	F2		36B			
04487		XA210	65			XA211	45			16B	9				K0119A	01	KMR19S	01	1	TQ2	F3		34B	(OFR 01)(DATA BI		
04488		XA211	45												K0119A	02	K0119A	00	1	TQ2	D3		24B			
04489		XA211	66			XA210	76			16B	9				K0120A	01	K0120A	00	1	TQ2	E1		31A	(OFR 01)(DATA BI		
04490		XA210	76												K0120A	02	KMR20S	01	1	TQ2	F4		37A			
04491		XA308	68			XA211	57			16B	9				K0121A	01	KMR21S	01	3	TQ4	E1		32A	(OFR 01)(DATA BI		
04492		XA211	57												K0121A	02	K0121A	00	1	TQ2	E3		30B			
04493		XA211	75			XA308	64			16B	9				K0122A	01	K0122A	00	1	TQ2	F1		37B	(OFR 01)(DATA BI		
04494		XA308	64												K0122A	02	KMR22S	01	4	TQ4	E2		30A			

DRAWING NUMBER UNIT ASSEMBLY NAME		149019-800 CARD CAGE ASSY, I/O UNIT										STRING		UNIT ASSEMBLY NO. FILE IDENT		REV DATE		INDEX PAGE							
RECORD NUMBER	PREFIX	CONNECTOR	PIN	ST. NO.	PREFIX	CONNECTOR	PIN	ST. NO.	MULTI- GROUP	CODE	COL. NO.	IDENT	SIGNAL	SFO NO.	EQUATION	TERM.	FACTOR	CT OR CHIP TYPE	GRW	LOAD OR POWER PLANE	TEST POINTS AND JTS	SIGNAL DESCRIPTION	ECO NO.		
04495		XA308	78										K0123A	01	KMR23S	01	3	TD4	F1		38A				
04496		XA211	69			XA211	69			16B	9		K0123A	02	K0123A	00	1	TQ2	F3		35A	(QFR 01)(DATA BI			
04497		XA210	06			XA308	73			16B	9		K0124A	01	K0124A	00	1	TQ2	A1		05A	(QFR 01)(DATA BI			
04498		XA308	73										K0124A	02	KMR24S	01	3	TD4	F2		36B				
04499		XA306	45			XA210	09			16B	9		K0125A	01	KMR25S	01	1	TT3	O3		24B				
04500		XA210	09										K0125A	02	K0125A	00	1	TQ2	A3		04B	(QFR 01)(DATA BI			
04501		XA210	22			XA306	68			16B	9		K0126A	01	K0126A	00	1	TQ2	B1		12A	(QFR 01)(DATA BI			
04502		XA306	68										K0126A	02	KMR26S	01	2	TT3	E1		32A				
04503		XA306	53			XA210	21			16B	9		K0127A	01	KMR27S	01	1	TT3	E2		28B				
04504		XA210	21										K0127A	02	K0127A	00	1	TQ2	B3		10B	(QFR 01)(DATA BI			
04505		XA208	22			XA306	59			16B	9		K0128A	01	K0128A	00	1	TQ2	B1		12A	(QFR 01)(DATA BI			
04506		XA306	59										K0128A	02	KMR28S	01	2	TT3	E3		31B				
04507		XA306	79			XA208	21			16B	9		K0129A	01	KMR29S	01	3	TT3	F1		39B				
04508		XA208	21										K0129A	02	K0129A	00	1	TQ2	B3		10B	(QFR 01)(DATA BI			
04509		XA210	52			XA306	65			16B	9		K0130A	01	K0130A	00	1	TQ2	D1		24A	(QFR 01)(DATA BI			
04510		XA306	65										K0130A	02	KMR30S	01	1	TT3	F2		34B				
04511		XA306	76			XA210	45			16B	9		K0131A	01	KMR31S	01	2	TT3	F3		37A				
04512		XA210	45										K0131A	02	K0131A	00	1	TQ2	O3		24B	(QFR 01)(DATA BI			
04513		XA212	01			XA209	08			16B	9		K0200A	01	K0200A	00	1	TQ2	A2		02B	(QFR 02)(DATA BI			
04514		XA209	08										K0200A	02	KMR00R	01	2	TT3	A1		06A				
04515		XA209	01			XA212	15			16B	9		K0201A	01	KMR01R	01	1	TT3	A2		02B				
04516		XA212	15										K0201A	02	K0201A	00	1	TQ2	A4		07B	(QFR 02)(DATA BI			
04517		XA212	14			XA209	13			16B	9		K0202A	01	K0202A	00	1	TQ2	B2		09A	(QFR 02)(DATA BI			
04518		XA209	13										K0202A	02	KMR02R	01	3	TT3	A3		06B				
04519		XA307	08			XA212	27			16B	9		K0203A	01	KMR03R	01	2	TT3	A1		06A				
04520		XA212	27										K0203A	02	K0203A	00	1	TQ2	B4		13B	(QFR 02)(DATA BI			
04521		XA212	30			XA307	03			16B	9		K0204A	01	K0204A	00	1	TQ2	C2		15A	(QFR 02)(DATA BI			
04522		XA307	03										K0204A	02	KMR04R	01	2	TT3	A2		02A				
04523		XA307	11			XA212	39			16B	9		K0205A	01	KMR05R	01	2	TT3	A3		05B				
04524		XA212	39										K0205A	02	K0205A	00	1	TQ2	C4		19B	(QFR 02)(DATA BI			
04525		XA209	47			XA212	46			16B	9		K0206A	01	KMR06R	01	2	TT3	O3		25B				
04526		XA212	46										K0206A	02	K0206A	00	1	TQ2	O2		21A	(QFR 02)(DATA BI			
													****	SIGNAL	(K0207A)	IS ON THE NEXT PAGE ****									

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RECORD NUMBER	FROM			TO			WIRE				SIGNAL	SEC NO	EQUATION	TERM	FACTOR	CKT OR CHIP TYPE	GRP	LOAD OR POWER PLANE	TEST POINTS AND/OR	SIGNAL DESCRIPTION	ECO NO
	PREFIX	CONNECTOR	PIN	PIN	CONNECTOR	PIN	DRG	MULTI GROUP	CODE	COLOR											
04527		XA212	51		XA209	70			16B	9		K0207A	01	K0207A	00	1	TQ2	D4	27B	(OFR 02)(DATA BI	
04528		XA209	70									K0207A	02	KMR07R	01	3	TT3	E1	33A		
04529		XA307	24		XA212	60			16B	9		K0208A	01	KMR08R	01	2	TT3	B1	13A		
04530		XA212	60									K0208A	02	K0208A	00	1	TQ2	E2	28A	(OFR 02)(DATA BI	
04531		XA212	63		XA307	14			16B	9		K0209A	01	K0209A	00	1	TQ2	E4	33B	(OFR 02)(DATA BI	
04532		XA307	14									K0209A	02	KMR09R	01	1	TT3	B2	09A		
04533		XA307	25		XA212	72			16B	9		K0210A	01	KMR10R	01	3	TT3	B3	12B		
04534		XA212	72									K0210A	02	K0210A	00	1	TQ2	F2	34A	(OFR 02)(DATA BI	
04535		XA212	80		XA307	40			16B	9		K0211A	01	K0211A	00	1	TQ2	F4	39A	(OFR 02)(DATA BI	
04536		XA307	40									K0211A	02	KMR11R	01	2	TT3	C1	19A		
04537		XA307	29		XA211	01			16B	9		K0212A	01	KMR12R	01	1	TT3	C2	14B		
04538		XA211	01									K0212A	02	K0212A	00	1	TQ2	A2	02B	(OFR 02)(DATA BI	
04539		XA211	15		XA307	37			16B	9		K0213A	01	K0213A	00	1	TQ2	A4	07B	(OFR 02)(DATA BI	
04540		XA307	37									K0213A	02	KMR13R	01	3	TT3	C3	18B		
04541		XA307	54		XA211	14			16B	9		K0214A	01	KMR14R	01	2	TT3	D1	25A		
04542		XA211	14									K0214A	02	K0214A	00	1	TQ2	B2	09A	(OFR 02)(DATA BI	
04543		XA211	27		XA307	41			16B	9		K0215A	01	K0215A	00	1	TQ2	B4	13B	(OFR 02)(DATA BI	
04544		XA307	41									K0215A	02	KMR15R	01	1	TT3	D2	22B		
04545		XA209	60		XA211	30			16B	9		K0216A	01	KMR16R	01	2	TT3	E2	28A		
04546		XA211	30									K0216A	02	K0216A	00	1	TQ2	C2	15A	(OFR 02)(DATA BI	
04547		XA211	39		XA209	59			16B	9		K0217A	01	K0217A	00	1	TQ2	C4	19B	(OFR 02)(DATA BI	
04548		XA209	59									K0217A	02	KMR17R	01	2	TT3	E3	31B		
04549		XA209	79		XA211	46			16B	9		K0218A	01	KMR18R	01	3	TT3	F1	39B		
04550		XA211	46									K0218A	02	K0218A	00	1	TQ2	D2	21A	(OFR 02)(DATA BI	
04551		XA211	51		XA209	72			16B	9		K0219A	01	K0219A	00	1	TQ2	D4	27B	(OFR 02)(DATA BI	
04552		XA209	72									K0219A	02	KMR19R	01	3	TT3	F2	34A		
04553		XA209	76		XA211	60			16B	9		K0220A	01	KMR20R	01	2	TT3	F3	37A		
04554		XA211	60									K0220A	02	K0220A	00	1	TQ2	E2	28A	(OFR 02)(DATA BI	
04555		XA309	62		XA211	63			16B	9		K0221A	01	KMR21R	01	3	TT3	E2	29A		
04556		XA211	63									K0221A	02	K0221A	00	1	TQ2	E4	33B	(OFR 02)(DATA BI	
04557		XA211	72		XA309	61			16B	9		K0222A	01	K0222A	00	1	TQ2	F2	34A	(OFR 02)(DATA BI	
04558		XA309	61									K0222A	02	KMR22R	01	3	TT3	E3	32B		
04559		XA309	75		XA211	80			16B	9		K0223A	01	KMR23R	01	1	TT3	F1	37B		
04560		XA211	80									K0223A	02	K0223A	00	1	TQ2	F4	39A	(OFR 02)(DATA BI	

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	PREFIX	CONNECTOR	PIN	SH/FC	PREFIX	CONNECTOR	PIN	SH/FC	MULTI GROUP	CODE	COLOR	IDENT												
04561 04562		XA210 XA309	01 71			XA309 71				16B	9			K0224A K0224A	01 02	K0224A KMR24R	00 01	1 2	TQ2 TT3	A2 F2		02B 36A	(OFR 02)(DATA BI	
04563 04564		XA307 XA210	49 15			XA210 15				16B	9			K0225A K0225A	01 02	KMR25R K0225A	01 00	3 1	TT3 TQ2	D3 A4		26B 07B	(OFR 02)(DATA BI	
04565 04566		XA210 XA307	14 68			XA307 68				16B	9			K0226A K0226A	01 02	K0226A KMR26R	00 01	1 2	TQ2 TT3	B2 E1		09A 32A	(OFR 02)(DATA BI	
04567 04568		XA307 XA210	53 27			XA210 27				16B	9			K0227A K0227A	01 02	KMR27R K0227A	01 00	1 1	TT3 TQ2	E2 B4		29B 13B	(OFR 02)(DATA BI	
04569 04570		XA208 XA307	14 61			XA307 61				16B	9			K0228A K0228A	01 02	K0228A KMR28R	00 01	1 3	TQ2 TT3	B2 E3		09A 32B	(OFR 02)(DATA BI	
04571 04572		XA307 XA208	75 27			XA208 27				16B	9			K0229A K0229A	01 02	KMR29R K0229A	01 00	1 1	TT3 TQ2	F1 B4		37B 13B	(OFR 02)(DATA BI	
04573 04574		XA210 XA307	46 65			XA307 65				16B	9			K0230A K0230A	01 02	K0230A KMR30R	00 01	1 1	TQ2 TT3	D2 F2		21A 34B	(OFR 02)(DATA BI	
04575 04576		XA307 XA210	78 51			XA210 51				16B	9			K0231A K0231A	01 02	KMR31R K0231A	01 00	3 1	TT3 TQ2	F3 D4		38A 27B	(OFR 02)(DATA BI	
04578		XA119	43										J	LDVBLDX	01	LDVBLDX	00	1	DCF	C7		25A	KDVBLB BUSS	
04579		XA118	23										J	LDVC1DX	01	LDVC1DX	00	1	DCF	B7		10A	KDVCLB BUSS	
04580		XA118	41										J	LDVC2DX	01	LDVC2DX	00	1	DCF	B5		16A	KDVCCB BUSS	
04581		XA118	37										J	LDVC4DX	01	LDVC4DX	00	1	DCF	B3		15B	KDVCCB BUSS	
04582		XA119	37										J	LIOCTDX	01	LIOCTDX	00	1	DCF	B3		15B	KIOCTB BUSS	
04583		XA118	27										J	LIOC1DX	01	LIOC1DX	00	1	DCF	B1		10B	KIOC1B BUSS	
04584		XA119	23										J	LIOC2DX	01	LIOC2DX	00	1	DCF	B7		10A	KIOC2B BUSS	
04585		XA119	41										J	LIOC4DX	01	LIOC4DX	00	1	DCF	B5		16A	KIOC4B BUSS	
04586		XA119	60										J	LIOC8DX	01	LIOC8DX	00	1	DCF	C5		31B	KIOC8B BUSS	
04587		XA119	27										J	LIOPRDX	01	LIOPRDX	00	1	DCF	B1		10B	KIOPRB BUSS	
04588		XA119	01										J	LIOT0DX	01	LIOT0DX	00	1	DCF	A7		02A	KIOT0B BUSS	
04589		XA119	14										J	LMCPRDX	01	LMCPRDX	00	1	DCF	A5		08B	KMCPRB BUSS	
												****	SIGNAL	(LME1DX)	IS ON THE NEXT PAGE ****									

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	PREFIX	CONNECTOR	PIN	PREFIX	CONNECTOR	PIN	SH 76	MULTI GROUP	CODE	COLOR											
04590		XA118	80								J	LMEA1DX	01	LMEA1DX	00	1	DCF	D5	38B	KMEA1B BUSS	
04591		XA118	78								J	LMEA2DX	01	LMEA2DX	00	1	DCF	D3	37B	KMEA2B BUSS	
04592		XA118	65								J	LMEA4DX	01	LMEA4DX	00	1	DCF	D1	32B	KMEA4B BUSS	
04593		XA119	17								J	LMEPRDX	01	LMEPRDX	00	1	DCF	A3	07B	KMEPRB BUSS	
04594		XA119	07								J	LMETODX	01	LMETODX	00	1	DCF	A1	02B	KMETOB BUSS	
04595		XA118	61								J	LMITODX	01	LMITODX	00	1	DCF	D7	33A	KMITOB BUSS	
04596		XA119	61								J	LPRGTDX	01	LPRGTDX	00	1	DCF	D7	33A	KPRGTB BUSS	
04597		XA119	80								J	LSYSMDX	01	LSYSMDX	00	1	DCF	D5	38B	KSYSMB BUSS	
04598		XA119	78								J	LSYSTDX	01	LSYSTDX	00	1	DCF	D3	37B	KSYSTB BUSS	
06646		XA201	67		XA107	40			16B	9		LOGC1B	00								B05
04599		XA107	40		XA301	67			16B	9		LOGC1B	01								
04600		XA301	67		XA303	67			16B	9		LOGC1B	02								
20331		XA303	67									LOGC1B	03								
20332		XA303	69		XA301	69			16B	9		LOGC2B	00C								
04601		XA301	69		XA107	41			16B	9		LOGC2B	01								
04602		XA107	41									LOGC2B	02								
21073		J01	M2		XA107	42			18D	9		LOGI0B	005								
04603		XA107	42		XA301	71			16B	9		LOGI0B	01								
04604		XA301	71		XA201	71			16B	9		LOGI0B	02								B05
06648		XA201	71									LOGI0B	03								B05
04609		XA336	19		XA405	30			16B	9		RCK01J	01								A01
04610		XA405	30									RCK01J	02	RTCN9N	01	1	OSC TDD	FN	15A		
04611		XA407	07		XA407	11			16B	9		RDEV30	01	RD316A	01	2	TQ2	A3	03A		
04612		XA407	11		XA407	17			16B	9		RDEV30	02	RD317A	01	1	TQ2	A4	05B		
04613		XA407	17		XA407	20			16B	9		RDEV30	03	RD321A	01	1	TQ2	B3	08B		
04614		XA407	20		XA407	24			16B	9		RDEV30	04	RD320A	01	2	TQ2	B2	11A		
04615		XA407	24		XA407	23			16B	9		RDEV30	05	RD318A	01	1	TQ2	B1	13A		
04616		XA407	23		XA439	60			16B	9		RDEV30	06	RD322A	01	1	TQ2	B4	11B		
04617		XA439	60									RDEV30	07	RDEV30	00	1	THI	E3	28A	DEV ADDRESS 03	
04618		XA424	07		XA446	75			16B	9		RDI2AA	01	TDI2A0	01	5	TS8	A1	03A		
04619		XA446	75									RDI2AA	02	RDI2AA	00	1	TQ2	F1	37B	SWITCH ADDRESS T	
04620		XA446	72		XA424	22			16B	9		RDI3AA	01	RDI3AA	00	1	TQ2	F2	34A	RTC 0 ADDRESS TO	
04621		XA424	22									RDI3AA	02	TDI3A0	01	5	TS8	B1	12A		
04622		XA424	37		XA446	69			16B	9		RDI4AA	01	TDI4A0	01	5	TS8	C1	18B		
									****	SIGNAL		(RDI4AA)		IS ON THE					****		

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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	SH PG	MULTI GROUP	CODE	COLOR												
04623		XA446	69									RDI4AA	02	RDI4AA	00	1	TQ2	F3		35A	RTC 1 ADDRESS TO	
04624		XA407	01	XA424	50			16B	9			RDI5AA	01	RDI5AA	00	1	TQ2	A2		02B	RTC 2 ADDRESS TO	
04625		XA424	50									RDI5AA	02	TDI5A0	01	5	TS8	D1		23A		
04626		XA446	62	XA407	09			16B	9			RD316A	01	RTEN0S	01	1	TQ2	E2		29A		
04627		XA407	09									RD316A	02	RD316A	00	1	TQ2	A3		04B	(DEV 03)(DATA BI	
04628		XA407	15	XA446	55			16B	9			RD317A	01	RD317A	00	1	TQ2	A4		07B	(DEV 03)(DATA BI	
04629		XA446	55									RD317A	02	RTEN1S	01	2	TQ2	E3		29B		
04630		XA446	61	XA407	22			16B	9			RD318A	01	RTEN2S	01	2	TQ2	E4		32B		
04631		XA407	22									RD318A	02	RD318A	00	1	TQ2	B1		12A	(DEV 03)(DATA BI	
04632		XA407	14	XA445	66			16B	9			RD320A	01	RD320A	00	1	TQ2	B2		09A	(DEV 03)(DATA BI	
04633		XA445	66									RD320A	02	RTEN0R	01	1	TT3	E1		31A		
04634		XA445	60	XA407	21			16B	9			RD321A	01	RTEN1R	01	2	TT3	E2		28A		
04635		XA407	21									RD321A	02	RD321A	00	1	TQ2	B3		10B	(DEV 03)(DATA BI	
04636		XA407	27	XA445	61			16B	9			RD322A	01	RD322A	00	1	TQ2	B4		13B	(DEV 03)(DATA BI	
04637		XA445	61									RD322A	02	RTEN2R	01	3	TT3	E3		32B		
04638		XA442	75	XA406	08			16B	9			RENMSA	01	RSWRQP	01	1	TDD	LP		37B		
04639		XA406	08									RENMSA	02	RENMSA	00	1	THI	A2		04A	SWITCH ENBLE + M	
04640		XA406	06	XA443	46			16B	9			RENMS0	01	RENMSA	01	1	THI	A2		05A		
04641		XA443	46									RENMS0	02	RENMS0	00	1	TQ2	D2		21A	SWITCH ENBLE + M	
04642		XA442	66	XA406	03			16B	9			RENMOA	01	RTRQ0P	01	1	TDD	JP		31A		
04643		XA406	03									RENMOA	02	RENMOA	00	1	THI	A3		03A	RTC 0 ENABLE + M	
04644		XA406	04	XA443	45			16B	9			RENMO0	01	RENMOA	01	1	THI	A3		02A		
04645		XA443	45									RENMO0	02	RENMO0	00	1	TQ2	D3		24B	RTC 0 ENABLE + M	
04646		XA442	64	XA406	01			16B	9			RENMI1A	01	RTRQ1P	01	1	TDD	KP		30A		
04647		XA406	01									RENMI1A	02	RENMI1A	00	1	THI	A4		02B	RTC 1 ENABLE + M	
04648		XA406	05	XA443	51			16B	9			RENMI0	01	RENMI1A	01	1	THI	A4		03B		
04649		XA443	51									RENMI0	02	RENMI0	00	1	TQ2	D4		27B	RTC 1 ENABLE + M	
04650		XA405	06	XA406	07			16B	9			RENMI2A	01	RTRQ2P	01	1	TDD	AP		05A		
04651		XA406	07									RENMI2A	02	RENMI2A	00	1	THI	A5		04B	RTC 2 ENABLE + M	
04652		XA443	66	XA406	09			16B	9			RENMI20	01	RENMI20	00	1	TQ2	E1		31A	RTC 2 ENABLE + M	
04653		XA406	09									RENMI20	02	RENMI2A	01	1	THI	A5		05B		
04654		XA407	52	XA443	41			16B	9			RENROA	01	RENROA	00	1	TQ2	D1		24A	(ENABLE)(CH SEL	
04655		XA443	41									RENROA	02	RENMO0	01	1	TQ2	D3		22B		
												****	SIGNAL	(RENRI1A)	IS ON THE	NEXT PAGE	****					

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RECORD NUMBER	FROM				TO				WIRE				SIGNAL	SEQ NO	EQUATION	TERM	RATIO	CKT OR CHIP TYPE	GROUP	LOAD OR POWER PLANE	TEST POINTS AND/OR	SIGNAL DESCRIPTION	SCN NO
	PREFIX	CONNECTOR	PIN	TO	PREFIX	CONNECTOR	PIN	TO	SN	MULTI GROUP	CODE	COLOR											
04656		XA443	49		XA415	51					16B	9		RENRI A	01	RENMI0	01	2	TQ2	D4	26B	(ENABLE) (CH SEL)	
04657		XA415	51											RENRI A	02	RENRI A	00	1	TQ2	D4	27B		
04658		XA407	45		XA443	70					16B	9		REN2A	01	REN2A	00	1	TQ2	D3	24B	(ENABLE) (CH SEL)	
04659		XA443	70											REN2A	02	REN20	01	2	TQ2	E1	33A		
04660		XA443	48		XA407	51					16B	9		RENSWA	01	RENS0	01	1	TQ2	D2	22A	(ENABLE) (CH SEL)	
04661		XA407	51											RENSWA	02	RENSWA	00	1	TQ2	D4	27B		
04662		XA406	64		XA407	66					16B	9		RENSWA	01	RENS00	01	1	THI	E1	33A	(ENABLE) (CH SEL)	
04663		XA407	66											RENSWA	02	RENS0A	00	1	TQ2	E1	31A		
04664		XA436	78		XA415	47					16B	9		RENS00	01	RINDAA	01	3	TT3	F3	38A		
04665		XA415	47		XA407	43					16B	9		RENS00	02	RENRI A	01	1	TQ2	D4	25B		
04666		XA407	43		XA407	49					16B	9		RENS00	03	REN2A	01	2	TQ2	D3	23B		
04667		XA407	49		XA407	54					16B	9		RENS00	04	RENSWA	01	2	TQ2	D4	26B		
04668		XA407	54		XA406	66					16B	9		RENS00	05	RENROA	01	1	TQ2	D1	25A	(ENABLE) (CH SEL)	
04669		XA406	66											RENS00	06	RENS00	00	1	THI	E1	32A		
04670		XA425	66		XA436	80					16B	9		RINDAA	01	TINDA0	01	2	TD4	E1	31A	INDICATOR LINE T	
04671		XA436	80											RINDAA	02	RINDAA	00	1	TT3	F3	39A		
04672		XA406	62		XA407	60					16B	9		RINSOA	01	RINS00	01	1	THI	E3	29A	(INTERROGATE) (CH	
04673		XA407	60											RINSOA	02	RINSOA	00	1	TQ2	E2	28A		
04674		XA446	79		XA446	74					16B	9		RINS00	01	RDI2AA	01	2	TQ2	F1	39B		
04675		XA446	74		XA446	71					16B	9		RINS00	02	RDI4AA	01	2	TQ2	F3	35B		
04676		XA446	71		XA406	60					16B	9		RINS00	03	RDI3AA	01	1	TQ2	F2	36A	(INTERROGATE) (CH	
04677		XA406	60		XA407	04					16B	9		RINS00	04	RINS00	00	1	THI	E3	28A		
04678		XA407	04											RINS00	05	RDI5AA	01	1	TQ2	A2	04A		
04679		XA440	10		XA444	35					16B	9		RRQSTO	01	TRCCCA	01	2	TQ2	A1	07A		
04680		XA444	35											RRQSTO	02	RRQSTO	00	1	TS8	C1	17B		
04681		XA442	76		XA444	30					16B	9		RSWRQP	01	RSWRQP	00	1	TDD	LP	37A	SWITCH REQUEST-P	
04682		XA444	30											RSWRQP	02	RRQSTO	01	1	TS8	C1	15A		
04683		XA446	77		XA442	78					16B	9		RSWRQQ	01	RDI2AA	01	1	TQ2	F1	38B	SWITCH REQUEST-P	
04684		XA442	78		XA207	78					16B	9		RSWRQQ	02	RSWRQQ	00	1	TDD	LQ	38A		
04685		XA207	78											RSWRQQ	03	KSRSTA	01	2	TQ2	F4	38A		
04686		XA443	43		XA443	47					16B	9		RTCCLB	01	RENMI0	01	2	TQ2	D3	23B	MASTER RESET - F	
04687		XA443	47		XA443	50					16B	9		RTCCLB	02	RENMI0	01	1	TQ2	D4	25B		
04688		XA443	50		XA445	53					16B	9		RTCCLB	03	RENS0	01	2	TQ2	D2	23A	MASTER RESET - F	
04689		XA445	53		XA445	57					16B	9		RTCCLB	04	RTEN1R	01	1	TT3	E2	28B		
04690		XA445	57		XA445	68					16B	9		RTCCLB	05	RTEN2R	01	1	TT3	E3	30B	MASTER RESET - F	
04691		XA445	68		XA443	68					16B	9		RTCCLB	06	RTENOR	01	2	TT3	E1	32A		
04692		XA443	68		XA442	73					16B	9		RTCCLB	07	RENMI0	01	1	TQ2	E1	32A	MASTER RESET - F	
04693		XA442	73		XA405	66					16B	9		RTCCLB	08	RTCNOP	01	1	TDD	MP	36B		
04694		XA405	66		XA405	64					16B	9		RTCCLB	09	RTCNP	01	1	TDD	JP	31A	MASTER RESET - F	
														****	SIGNAL	(RTCCLB)							IS ON THE NEXT PAGE ****

DRAWING NUMBER 149019-800
 UNIT ASSEMBLY NAME CARD CAGE ASSY, I/O UNIT

STRING

UNIT ASSEMBLY NO. 149019
 FILE IDENT T39BIUX2

REV G
 DATE 09-03-82

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RECORD NUMBER	FROM				TO				WIRE				SFC INST WIRE	SIGNAL	SEC NO	EQUATION	TERM	FACTOR	CKT OR CHIP TYPE	GROUP	LOAD OR POWER PLANE	TEST POINTS AND/OR	SIGNAL DESCRIPTION	ECO NO	
	PREFIX	CONNECTOR	PIN	SH FG	PREFIX	CONNECTOR	PIN	SH FG	MULTI GROUP	CODE	COLOR	IDENT													
04695		XA405	64			XA405	52			16B	9			RTCCLB	10	RTCN6P	01	1	TDD	KP		30A	MASTER RESET - F		
04696		XA405	52			XA405	50			16B	9			RTCCLB	11	RTCN7P	01	1	TDD	GP		24A	MASTER RESET - F		
04697		XA405	50			XA405	38			16B	9			RTCCLB	12	RTCN5P	01	1	TDD	HP		23A	MASTER RESET - F		
04698		XA405	38			XA405	36			16B	9			RTCCLB	13	RTCN4P	01	1	TDD	EP		18A	MASTER RESET - F		
04699		XA405	36			XA406	26			16B	9			RTCCLB	14	RTCN9P	01	1	TDD	FP		17A	MASTER RESET - F		
04700		XA406	26			XA406	25			16B	9	P		RTCC4A	15	RTCC4A	04	1	THI	B6		12B			
04701		XA406	25			XA405	22			16B	9	P		RTCC3A	16	RTCC3A	03	1	THI	B2		11A			
04702		XA405	22			XA405	20			16B	9			RTCCLB	17	RTCN2P	01	1	TDD	CP		12A	MASTER RESET - F		
04703		XA405	20			XA406	19			16B	9			RTCCLB	18	RTCN3P	01	1	TDD	DP		11A	MASTER RESET - F		
04704		XA406	19			XA406	18			16B	9			RTCC2A	19	RTCC2A	02	1	THI	B5		10B			
04705		XA406	18			XA407	10			16B	9	P		RTCC1A	20	RTCC1A	01	1	THI	B3		09A			
04706		XA407	10			XA405	04			16B	9			RTCCLB	21	RTC10S	01	2	TQ2	A1		07A	MASTER RESET - F		
04707		XA405	04											RTCCLB	22	RTC10P	01	1	TDD	BP		04A	MASTER RESET - F		
04708		XA406	18									J		RTCC1A	01	RTCC1A	00	1	THI	B3		09A	RTCCLB BUSS		
04709		XA406	19									J		RTCC2A	01	RTCC2A	00	1	THI	B5		10B	RTCCLB BUSS		
04710		XA406	25									J		RTCC3A	01	RTCC3A	00	1	THI	B2		11A	RTCCLB BUSS		
04711		XA406	26									J		RTCC4A	01	RTCC4A	00	1	THI	B6		12B	RTCCLB BUSS		
04712		XA446	80			XA445	65			16B	9			RTCIOR	01	RTCIOR	00	1	TQ2	F4		39A	RTC 0 INHIBIT-RE		
04713		XA445	65			XA407	08			16B	9			RTCIOR	02	RTCL0A	01	1	TT3	F2		34B			
04714		XA407	08											RTCIOR	03	RTC10S	01	1	TQ2	A1		06A			
04715		XA407	06			XA446	78			16B	9			RTC10S	01	RTC10S	00	1	TQ2	A1		05A	RTC 0 INHIBIT-SE		
04716		XA446	78											RTC10S	02	RTC10S	01	2	TQ2	F4		38A			
04717		XA445	74			XA406	11			16B	9			RTCL0A	01	RTCL0A	00	1	TT3	F2		35B	(RTC 0) (MASTER R		
04718		XA406	11											RTCL0A	02	RTCL00	01	1	THI	A1		07A			
04719		XA406	13			XA442	70			16B	9			RTCL00	01	RTCL00	00	1	THI	A1		06A	(RTC 0) (MASTER R		
04720		XA442	70											RTCL00	02	RTRQON	01	1	TDD	JN		33A			
04721		XA407	57			XA406	55			16B	9			RTCL1A	01	RTCL1A	00	1	TQ2	E3		30B	RTC 1-A		
04722		XA406	55											RTCL1A	02	RTCL10	01	1	THI	E4		29B			
04723		XA442	60			XA406	56			16B	9			RTCL10	01	RTRQ1N	01	1	TDD	KN		28A			
04724		XA406	56											RTCL10	02	RTCL10	00	1	THI	E4		28B	RTC 1-0		
04725		XA407	63			XA406	59			16B	9			RTCL2A	01	RTCL2A	00	1	TQ2	E4		33B	RTC 2-A		
04726		XA406	59											RTCL2A	02	RTCL20	01	1	THI	E5		31B			
04727		XA405	10			XA406	57			16B	9			RTCL20	01	RTRQ2N	01	1	TDD	AN		07A			
04728		XA406	57											RTCL20	02	RTCL20	00	1	THI	E5		30B	RTC 2-0		
04729		XA445	48			XA445	52			16B	9			RTCNOP	01	RTT01A	01	3	TT3	D2		22A			
04730		XA445	52			XA445	72			16B	9			RTCNOP	02	RTT00A	01	1	TT3	D1		24A			
04731		XA445	72			XA442	69			16B	9			RTCNOP	03	RTCL0A	01	3	TT3	F2		34A			
													****	SIGNAL	(RTCNOP)	S ON THE		NEXT PAGE		****					

DRAWING NUMBER		149019-800		STRING		UNIT ASSEMBLY NO.		149019		REV		G		INDEX		RTCNO P				
UNIT ASSEMBLY NAME		CARD CAGE ASSY, I/O UNIT				FILE IDENT		T39BIUX2		DATE		09-03-82		PAGE		55				
RECORD NUMBER	PREFIX	CONNECTOR	PIN	TO PREFIX	CONNECTOR	PIN	WIRE CODE	WIRE COLOR	IDENT	SIGNAL	SEQ NO	EQUATION	WIRE NO	WIRE TYPE	WIRE SIZE	WIRE COLOR	WIRE IDENT	TEST POINTS	SIGNAL DESCRIPTION	ECO NO
04732		XA442	69		XA405	05	16B	9		RTCNO P	04	RTCNO P	00	1	TDD	MP		35A	RTC 0-PRERESET	
04733		XA405	05							RTCNO P	05	RTCNO I	01	1	TDD	BI		03B		
04734		XA407	55		XA407	59	16B	9		RTCNO Q	01	RTCL1A	01	2	TQ2	E3		29B		
04735		XA407	59		XA442	74	16B	9		RTCNO Q	02	RTCL2A	01	1	TQ2	E4		31B		
04736		XA442	74		XA445	45	16B	9		RTCNO Q	03	RTCNO Q	00	1	TDD	MQ		35B	RTC 0-PRESET	
04737		XA445	45							RTCNO Q	04	RTT02A	01	1	TT3	D3		24B		
04738		XA405	09		XA407	53	16B	9		RTCNO P	01	RTCNO P	00	1	TDD	BP		04B	RTC 1-PRERESET	
04739		XA407	53		XA445	47	16B	9		RTCNO P	02	RTCL1A	01	1	TQ2	E3		28B		
04740		XA445	47		XA445	46	16B	9		RTCNO P	03	RTT02A	01	2	TT3	D3		25B		
04741		XA445	46		XA445	71	16B	9		RTCNO P	04	PTT01A	01	2	TT3	D2		21A		
04742		XA445	71		XA446	76	16B	9		RTCNO P	05	RTCL3A	01	2	TT3	F2		36A		
04743		XA446	76							RTCNO P	06	RTCIOR	01	1	TQ2	F4		37A		
04744		XA405	07		XA407	61	16B	9		RTCNO I	01	RTCNO I	00	1	TDD	BQ		03A	RTC 1-PRESET	
04745		XA407	61		XA442	71	16B	9		RTCNO I	02	RTCL2A	01	2	TQ2	E4		32B		
04746		XA442	71		XA445	56	16B	9		RTCNO I	03	RTCNO I	01	1	TDD	MI		36A		
04747		XA445	56							RTCNO I	04	RTT03A	01	3	TT3	D1		26A		
04748		XA406	38		XA405	25	16B	9		RTCNO Q	01	RTCQ2A	01	1	THI	C1		20A		
04749		XA405	25							RTCNO Q	02	RTCNO Q	00	1	TDD	CQ		12B	RTC 2-PRESET	
04750		XA405	21		XA414	62	16B	9		RTCNO P	01	RTCNO P	00	1	TDD	DP		10B	RTC 3-PRERESET	
04751		XA414	62							RTCNO P	02	RTCTEA	01	3	TT3	E2		29A		
04752		XA406	36		XA405	19	16B	9		RTCNO Q	01	RTCQ3A	01	1	THI	C3		16A		
04753		XA405	19							RTCNO Q	02	RTCNO Q	00	1	TDD	DQ		09B		
04754		XA406	29		XA405	37	16B	9		RTCNO Q	01	RTCQ4A	01	1	THI	C4		15B		
04755		XA405	37							RTCNO Q	02	RTCNO Q	00	1	TDD	EQ		18B		
04756		XA406	33		XA405	43	16B	9		RTCNO Q	01	RTCQ5A	01	1	THI	C5		17B		
04757		XA405	43							RTCNO Q	02	RTCNO Q	00	1	TDD	HQ		23B		
04758		XA405	55		XA406	35	16B	9		RTCNO Q	01	RTCNO Q	00	1	TDD	KQ		29B		
04759		XA406	35							RTCNO Q	02	RTCQ6A	01	1	THI	C2		18A		
04760		XA139	06		XA406	39	16B	9		RTCNO Q	01	TKRC2A	01	1	THI	A2		05A		
04761		XA406	39		XA405	49	16B	9		RTCNO Q	02	RTCQ7A	01	1	THI	C6		19B		
04762		XA405	49							RTCNO Q	03	RTCNO Q	00	1	TDD	GQ		26B		
04763		XA405	61		XA406	52	16B	9		RTCNO Q	01	RTCNO Q	00	1	TDD	JQ		32B		
04764		XA406	52							RTCNO Q	02	RTCQ8A	01	1	THI	D1		26A		
04765		XA406	50		XA405	31	16B	9		RTCNO Q	01	RTCQ9A	01	1	THI	D3		22A		
04766		XA405	31							RTCNO Q	02	RTCNO Q	00	1	TDD	FQ		15B		
04767		XA405	01		XA405	24	16B	9		RTCQ2A	01	RTCNO P	01	1	TDD	BN		02B		
04768		XA405	24		XA406	40	16B	9		RTCQ2A	02	RTCNO P	01	1	TDD	CI		13A		
										****	SIGNAL	(RTCQ2A)	IS ON THE NEXT PAGE			****				

DRAWING NUMBER		149019-800										STRING		UNIT ASSEMBLY NO.		149019		REV		G		INDEX		RTCQ2A	
UNIT ASSEMBLY NAME		CARD CAGE ASSY, I/O UNIT										FILE IDENT		T39BIUX2		DATE		09-03-82		PAGE		56			
RECORD NUMBER	PREFIX	CONNECTOR	PIN	SH. NO.	PREFIX	CONNECTOR	PIN	MULTI GROUP	CODE	COLOR	IDENT	SIGNAL	SFD NO.	EQUATION	WIRE NO.	WIRE TYPE	WIRE COLOR	WIRE POINT	TEST POINT	SIGNAL DESCRIPTION	ECO NO.				
04769		XA406	40									RTCQ2A	03	RTCQ2A	00	1	THI	C1	19A	RTC 2-A					
04770		XA442	72			XA442	72		16B	9		RTCQ2A	04	RTCNON	01	1	TDD	MN	34A						
04771		XA406	34			XA405	18		16B	9		RTCQ3A	01	RTCQ3A	00	1	THI	C3	15A	RTC 3-A					
04772		XA405	18									RTCQ3A	02	RTCN3I	01	1	TDD	DI	10A						
04773		XA405	40			XA406	30		16B	9		RTCQ4A	01	RTCN4I	01	1	TDD	EI	19A						
04774		XA406	30			XA405	14		16B	9		RTCQ4A	02	RTCQ4A	00	1	THI	C4	14B	RTC 4-A					
04775		XA405	14									RTCQ4A	03	RTCN3N	01	1	TDD	DN	09A						
04776		XA405	48			XA405	42		16B	9		RTCQ5A	01	RTCN5I	01	1	TDD	HI	22A						
04777		XA405	42			XA406	31		16B	9		RTCQ5A	02	RTCN4N	01	1	TDD	EN	20A						
04778		XA406	31									RTCQ5A	03	RTCQ5A	00	1	THI	C5	16B	RTC 5-A					
04779		XA406	37			XA405	46		16B	9		RTCQ6A	01	RTCQ6A	00	1	THI	C2	17A	RTC 6-A					
04780		XA405	46			XA405	62		16B	9		RTCQ6A	02	RTCN5N	01	1	TDD	HN	21A						
04781		XA405	62									RTCQ6A	03	RTCN6I	01	1	TDD	KI	29A						
04782		XA405	60			XA405	54		16B	9		RTCQ7A	01	RTCN6N	01	1	TDD	KN	28A						
04783		XA405	54			XA406	42		16B	9		RTCQ7A	02	RTCN7I	01	1	TDD	GI	25A						
04784		XA406	42									RTCQ7A	03	RTCQ7A	00	1	THI	C6	18B	RTC 7-A					
04785		XA405	68			XA405	56		16B	9		RTCQ8A	01	RTCN8I	01	1	TDD	JI	32A						
04786		XA405	56			XA406	54		16B	9		RTCQ8A	02	RTCN7N	01	1	TDD	GN	26A						
04787		XA406	54									RTCQ8A	03	RTCQ8A	00	1	THI	D1	25A	RTC 8-A					
04788		XA405	70			XA406	48		16B	9		RTCQ9A	01	RTCN8N	01	1	TDD	JN	33A						
04789		XA406	48			XA405	34		16B	9		RTCQ9A	02	RTCQ9A	00	1	THI	D3	21A	RTC 9-A					
04790		XA405	34			XA143	79		16B	9		RTCQ9A	03	RTCN9I	01	1	TDD	FI	16A						
04791		XA143	79			XA148	79		16B	9		RTCQ9A	04	TITC2N	01	1	TDD	LN	39B						
04792		XA148	79			XA151	70		16B	9		RTCQ9A	05	TITC1N	01	1	TDD	LN	39B						
04793		XA151	70									RTCQ9A	06	TITC0N	01	1	TDD	JN	33A						
04794		XA414	55			XA406	15		16B	9		RTCTEA	01	RTCTEA	00	1	TT3	E2	29B	(8 KHZ CLOCK)(CT					
04795		XA406	15									RTCTEA	02	RTCTE0	01	1	THI	A6	07B						
04796		XA405	26			XA406	10		16B	9		RTCTE0	01	RTCN2N	01	1	TDD	CN	14A						
04797		XA406	10									RTCTE0	02	RTCTE0	00	1	THI	A6	06B	(8 KHZ CLOCK)(CT					
04798		XA308	43			XA306	52		16B	9		RTCT0A	01	TRCMR0	01	1	TD4	D2	23B						
04799		XA306	52			XA406	24		16B	9		RTCT0A	02	KMR14S	01	1	TT3	D1	24A						
04800		XA406	24			XA443	37		16B	9		RTCT0A	03	RTCT0A	00	1	THI	B1	13A	RTC TIMEOUT-A					
04801		XA443	37									RTCT0A	04	RTCT10	01	2	TQ2	C4	18B						
04802		XA441	76			XA406	22		16B	9		RTCT00	01	RTCT00	00	1	TD4	F1	37A	RTC TIMEOUT TO I					
04803		XA406	22									RTCT00	02	RTCT0A	01	1	THI	B1	14A						
04804		XA427	24			XA443	39		16B	9		RTCT10	01	JS02AD4	01	1	TLD	B1	13A						
04805		XA443	39									RTCT10	02	RTCT10	00	1	TQ2	C4	19B						

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

DRAWING NUMBER 149019-800
 UNIT ASSEMBLY NAME CARD CAGE ASSY, I/O UNIT

STRING

UNIT ASSEMBLY NO. 149019
 FILE IDENT T39BIUX2

REV G
 DATE 09-03-82 INDEX PAGE RTENOR 57

RECORD NUMBER	FROM				TO				WIRE				SIGNAL	SEQ NO	EQUATION	TERM	FACTOR	CKT OR CHIP TYPE	GROUP	LOAD OR POWER PLANE	TEST POINTS AND/OR	SIGNAL DESCRIPTION	ECO NO
	PREFIX	CONNECTOR	PIN	SH FTG	PREFIX	CONNECTOR	PIN	SH FTG	MULTI GROUP	CODE	COLCR	IDENT											
04806		XA446	64		XA445	64			16B	9			RTENOR	01	RTENOS	01	2	TQ2	E2		30A	RTC 0 ENABLE-RES	
04807		XA445	64										RTENOR	02	RTENOR	00	1	TT3	E1		30A		
04808		XA442	68		XA445	70			16B	9			RTENOS	01	RTRQ01	01	1	TDD	J1		32A		
04809		XA445	70		XA446	60			16B	9			RTENOS	02	RTENOR	01	3	TT3	E1		33A		
04810		XA446	60										RTENOS	03	RTENOS	00	1	TQ2	E2		28A	RTC 0 ENABLE-SET	
04811		XA446	53		XA445	55			16B	9			RTEN1R	01	RTEN1S	01	1	TQ2	E3		28B		
04812		XA445	55										RTEN1R	02	RTEN1R	00	1	TT3	E2		29B	RTC 1 ENABLE-RES	
04813		XA442	62		XA445	62			16B	9			RTEN1S	01	RTRQ1I	01	1	TDD	K1		29A		
04814		XA445	62		XA446	57			16B	9			RTEN1S	02	RTEN1R	01	3	TT3	E2		29A		
04815		XA446	57										RTEN1S	03	RTEN1S	00	1	TQ2	E3		30B	RTC 1 ENABLE-SET	
04816		XA446	59		XA445	63			16B	9			RTEN2R	01	RTEN2S	01	1	TQ2	E4		31B		
04817		XA445	63										RTEN2R	02	RTEN2R	00	1	TT3	E3		33B	RTC 2 ENABLE-RES	
04818		XA405	08		XA445	59			16B	9			RTEN2S	01	RTRQ2I	01	1	TDD	AI		06A		
04819		XA445	59		XA446	63			16B	9			RTEN2S	02	RTEN2R	01	2	TT3	E3		31B		
04820		XA446	63										RTEN2S	03	RTEN2S	00	1	TQ2	E4		33B	RTC 2 ENABLE-SET	
04821		XA444	31		XA442	59			16B	9			RTRQOP	01	RRQST0	01	2	TS8	C1		15B		
04822		XA442	59										RTRQOP	02	RTRQOP	00	1	TDD	JP		31B	RTC 0 REQUEST-PR	
04823		XA446	73		XA445	54			16B	9			RTRQOQ	01	RD13AA	01	2	TQ2	F2		36B		
04824		XA445	54		XA442	61			16B	9			RTRQOQ	02	RTT00A	01	2	TT3	D1		25A		
04825		XA442	61										RTRQOQ	03	RTRQOQ	00	1	TDD	JQ		32B	RTC 0 REQUEST-PR	
04826		XA444	34		XA442	57			16B	9			RTRQ1P	01	RRQST0	01	3	TS8	C1		16A		
04827		XA442	57										RTRQ1P	02	RTRQ1P	00	1	TDD	KP		30B	RTC 1 REQUEST-PR	
04828		XA446	65		XA445	41			16B	9			RTRQ1Q	01	RD14AA	01	1	TQ2	F3		34B		
04829		XA445	41		XA442	55			16B	9			RTRQ1Q	02	RTT01A	01	1	TT3	D2		22B		
04830		XA442	55										RTRQ1Q	03	RTRQ1Q	00	1	TDD	KQ		29B	RTC 1 REQUEST-PR	
04831		XA405	11		XA444	36			16B	9			RTRQ2P	01	RTRQ2P	00	1	TDD	AP		05B	RTC 2 REQUEST-PR	
04832		XA444	36										RTRQ2P	02	RRQST0	01	4	TS8	C1		17A		
04833		XA445	49		XA407	05			16B	9			RTRQ2Q	01	RTT02A	01	3	TT3	D3		26B		
04834		XA407	05		XA405	13			16B	9			RTRQ2Q	02	RD15AA	01	2	TQ2	A2		03B		
04835		XA405	13										RTRQ2Q	03	RTRQ2Q	00	1	TDD	AQ		06B	RTC 2 REQUEST-PR	
04836		XA441	78		XA445	50			16B	9			RTT00A	01	RTCT00	01	3	TD4	F1		38A		
04837		XA445	50										RTT00A	02	RTT00A	00	1	TT3	D1		23A	RTC 0 TIMEOUT	
04838		XA445	43		XA441	79			16B	9			RTT01A	01	RTT01A	00	1	TT3	D2		23B	RTC 1 TIMEOUT	
04839		XA441	79										RTT01A	02	RTCT00	01	4	TD4	F1		39B		
04840		XA441	77		XA445	51			16B	9			RTT02A	01	RTCT00	01	2	TD4	F1		38B		
04841		XA445	51										RTT02A	02	RTT02A	00	1	TT3	D3		27B	RTC 2 TIMEOUT	

DRAWING NUMBER		149019-800		STRING		UNIT ASSEMBLY NO.		149019		REV		G		PAGE		SHEET		SHEET		
UNIT ASSEMBLY NAME		CARD CAGE ASSY, I/O UNIT		FILE IDENT		T3981UX2		09-33-82		PAGE		59								
REF ID	FROM	TO	WHIRL	SIGNAL	EXT	EXT	EXT	EXT	EXT	EXT	EXT	EXT	EXT	EXT	EXT	EXT	EXT	EXT	EXT	
NUMBER	PREFIX	CONNECTOR	PIN	PREFIX	CONNECTOR	PIN	GROUP	CODE	TYPE	TYPE	TYPE	TYPE	TYPE	TYPE	TYPE	TYPE	TYPE	TYPE	TYPE	
04923		XA118	33		XA119	33		168	9				SPI002	25	LDVC40X	01	1	OCF	B4	13B
04924		XA119	33		XA119	13		168	9				SPI002	26	L10CT0X	01	1	OCF	B4	13B
04925		XA119	13		XA116	25		168	9				SPI002	27	LMEPROX	01	1	OCF	A4	05B
04927		XA116	25		XA115	07		168	9				SPI002	29		01	2	TQ2	B4	12B
04928		XA115	07		XA114	10		168	9				SPI002	30	TS2110	01	2	T02	A3	03A
04929		XA114	10		XA109	34		168	9				SPI002	31	TI23XA	01	7	TS8	A1	07A
10813		XA109	34										SPI002	32		01	1	TQ2	C2	16A
04934		XA206	68		XA206	62		168	9				SPI003	03		01	2	TT3	E1	32A
04935		XA206	62		XA216	60		168	9				SPI003	04		01	3	TT3	E2	29A
04936		XA216	60		XA215	60		168	9				SPI003	05	KCMAL0	01	2	TS8	E1	28A
04937		XA215	60		XA215	48		168	9				SPI003	06	TK150A	01	2	TS8	E1	28A
04938		XA215	48		XA113	65		168	9				SPI003	07	TD3100	01	3	TS8	D1	22A
04939		XA113	65		XA114	74		168	9				SPI003	08	TKAMBQ	01	1	TDD	MQ	34B
04940		XA114	74		XA118	74		168	9				SPI003	09	TD0150	01	4	TS8	F1	35B
04941		XA118	74		XA119	74		168	9				SPI003	10	LMEAL0X	01	1	OCF	D6	37A
04942		XA119	74		XA119	54		168	9				SPI003	11	LSYSMOX	01	1	OCF	D6	37A
04943		XA119	54		XA120	46		168	9				SPI003	12	L10C80X	01	1	OCF	C6	30A
04944		XA120	46		XA119	38		168	9				SPI003	13				RR4	D2	
04945		XA119	38		XA118	38		168	9				SPI003	14	L10C40X	01	1	OCF	B6	14A
04946		XA118	38		XA114	36		168	9				SPI003	15	LDVC20X	01	1	OCF	B6	14A
04947		XA114	36		XA114	48		168	9				SPI003	16	TKWX1A	01	4	TS8	C1	17A
04948		XA114	48		XA114	08		168	9				SPI003	17		01	3	TS8	D1	22A
04949		XA114	08		XA119	08		168	9				SPI003	18	TI23XA	01	6	TS8	A1	06A
04951		XA119	08		XA122	72		168	9				SPI003	20	LMEPROX	01	1	OCF	A6	06A
04954		XA122	72		XA128	71		168	9				SPI003	23		01	3	TT3	F2	34A
04955		XA128	71		XA128	52		168	9				SPI003	24	TXC13A	01	1	TS8	F1	36A
04956		XA128	52		XA143	41		168	9				SPI003	25	TDS090	01	6	TS8	D1	24A
04958		XA143	41		XA145	42		168	9				SPI003	27	TXCOBQ	01	1	TDD	HQ	22B
04959		XA145	42		XA147	34		168	9				SPI003	28		01	3	TT3	C1	20A
04960		XA147	34		XA147	10		168	9				SPI003	29	TM05C0	01	3	TS8	C1	16A
04961		XA147	10		XA151	17		168	9				SPI003	30		01	7	TS8	A1	07A
04962		XA151	17		XA147	62		168	9				SPI003	31	TM01BQ	01	1	TDD	DQ	08B
04963		XA147	62		XA147	73		168	9				SPI003	32	TI121A	01	4	TS8	E1	29A
04964		XA147	73		XA144	68		168	9				SPI003	33		01	3	TS8	F1	36B
04965		XA144	68										SPI003	34		01	3	TD4	E1	32A
04966		XA147	01		XA147	30		168	9				SPI004	01		01	1	TS8	A1	02B
04967		XA147	30		XA248	22		168	9				SPI004	02	TM05C0	01	1	TS8	C1	15A
04968		XA248	22		XA147	77		168	9				SPI004	03		01	1	TD4	B1	12A
04969		XA147	77		XA147	68		168	9				SPI004	04		01	6	TS8	F1	38B
04970		XA147	68		XA144	61		168	9				SPI004	05	TI121A	01	7	TS8	E1	32A
04971		XA144	61		XA242	03		168	9				SPI004	06		01	1	TD4	E1	32B
04972		XA242	03		XA242	17		168	9				SPI004	07	TE22BQ	01	1	TDD	BQ	02A
04973		XA242	17		XA242	29		168	9				SPI004	08	TE20BQ	01	1	TDD	DQ	08B
04974		XA242	29		XA242	65		168	9				SPI004	09	TE18BQ	01	1	TDD	FQ	14B
04975		XA242	65		XA244	53		168	9				SPI004	10	TE12BQ	01	1	TDD	MQ	34B
04976		XA244	53		XA242	53		168	9				SPI004	11	TE09BQ	01	1	TDD	KQ	28B
04977		XA242	53		XA242	41		168	9				SPI004	12	TE14BQ	01	1	TDD	KQ	28B
04978		XA242	41		XA238	41		168	9				SPI004	13	TE16BQ	01	1	TDD	HQ	22B
								****		SIGNAL (SPI004)					IS ON THE					NEXT PAGE ****

DRAWING NUMBER		149019-800		STRING		UNIT ASSEMBLY NO.		149019		REV		G		INDEX		SPI004											
UNIT ASSEMBLY NAME		CARD CAGE ASSY,I/O UNIT				FILE IDENT		T398 IUX2		DATE		09-03-82		PAGE		60											
RECORD NUMBER	FROM				TO				WIRE				SIGNAL	SEQ NO	EQUATION	TYPE	CIRCUIT TYPE	PART NO	DESCRIPTION	ECO NO							
	PREFIX	CONNECTOR	PIN	2 SET	PREFIX	CONNECTOR	PIN	MULTI GROUP	CODE	COLOR	IDERT	WIRE															
04979		XA238	41		XA238	29			16B	9				SPI004	14	TE31BQ	01	1	TDD	HQ	22B						
04980		XA238	29		XA238	17			16B	9				SPI004	15	TE29BQ	01	1	TDD	FQ	14B						
04981		XA238	17		XA238	03			16B	9				SPI004	16	TE27BQ	01	1	TDD	QQ	08B						
04982		XA238	03		XA119	70			16B	9				SPI004	17	TE25BQ	01	1	TDD	BQ	02A						
04983		XA119	70		XA118	70			16B	9				SPI004	18	LPRGTOX	01	1	DCF	D8	35A						
04984		XA118	70		XA113	15			16B	9				SPI004	19	LIMITOX	01	1	DCF	D8	35A						
04985		XA113	15		XA119	04			16B	9				SPI004	20	TMINHQ	01	1	TDD	AQ	07B	C10					
04986		XA119	04		XA118	34			16B	9				SPI004	21	LIDTOX	01	1	DCF	A8	04A						
04987		XA118	34		XA119	34			16B	9				SPI004	22	LDVC10X	01	1	DCF	B8	12A						
04988		XA119	34		XA120	35			16B	9				SPI004	23	LIQC20X	01	1	DCF	B8	12A						
04989		XA120	35		XA119	50			16B	9				SPI004	24					RR4	D3						
04990		XA119	50		XA114	46			16B	9				SPI004	25	LDVBLOX	01	1	DCF	C8	28A						
04991		XA114	46		XA114	73			16B	9				SPI004	26							21A					
04992		XA114	73		XA215	62			16B	9				SPI004	27	TD0150	01	3	TS8	F1	36B						
04993		XA215	62		XA216	61			16B	9				SPI004	28	TK150A	01	4	TS8	E1	29A						
04994		XA216	61		XA321	29			16B	9				SPI004	29	KCMALO	01	3	TS8	E1	32B						
04995		XA321	29		XA321	17			16B	9				SPI004	30	TC17BQ	01	1	TDD	FQ	14B						
04996		XA321	17		XA321	03			16B	9				SPI004	31	TC15BQ	01	1	TDD	DQ	08B						
04997		XA321	03		XA317	03			16B	9				SPI004	32	TC13BQ	01	1	TDD	BQ	02A						
04998		XA317	03		XA317	17			16B	9				SPI004	33	TC25BQ	01	1	TDD	BQ	02A						
04999		XA317	17		XA317	29			16B	9				SPI004	34	TC27BQ	01	1	TDD	QQ	08B						
05000		XA317	29		XA317	41			16B	9				SPI004	35	TC29BQ	01	1	TDD	FQ	14B						
05001		XA317	41		XA317	72			16B	9				SPI004	36	TC31BQ	01	1	TDD	HQ	22B						
05002		XA317	72		XA315	79			16B	9				SPI004	37							34A	003				
14687		XA315	79											SPI004	38							39B	003				
05004		XA147	78		XA147	13			16B	9				SPI005	01							38A					
05005		XA147	13		XA113	03			16B	9				SPI005	02							06B					
05006		XA113	03		XA120	37			16B	9				SPI005	03	TBST1Q	01	1	TDD	BQ	02A						
05007		XA120	37		XA114	56			16B	9				SPI005	04							RR4	D4				
05008		XA114	56		XA317	73			16B	9				SPI005	05							01	8	TS8	D1	26A	
05009		XA317	73		XA330	14			16B	9				SPI005	06							01	1	TDD	MP	36B	
05010		XA330	14		XA433	18			16B	9				SPI005	07							01	1	TS8	B1	09A	
05011		XA433	18		XA433	34			16B	9				SPI005	08							01	1	TDD	DI	10A	
05012		XA433	34		XA433	71			16B	9				SPI005	09							01	1	TDD	FI	16A	
05013		XA433	71		XA433	62			16B	9				SPI005	10							01	1	TDD	MI	36A	
05014		XA433	62		XA433	48			16B	9				SPI005	11							01	1	TDD	KI	29A	
05015		XA433	48		XA444	49			16B	9				SPI005	12							01	1	TDD	HI	22A	
05016		XA444	49		XA444	66			16B	9				SPI005	13							01	4	TS8	D1	26B	
05017		XA444	66		XA444	74			16B	9				SPI005	14							01	6	TS8	E1	31A	
05018		XA444	74		XA547	70			16B	9				SPI005	15							01	4	TS8	F1	35B	
05019		XA547	70		XA540	70			16B	9				SPI005	16							01	1	DCF	D8	35A	
05020		XA540	70		XA534	70			16B	9				SPI005	17							01	1	DCF	D8	35A	
05021		XA534	70		XA527	70			16B	9				SPI005	18							01	1	DCF	D8	35A	
05022		XA527	70		XA521	70			16B	9				SPI005	19							01	1	DCF	D8	35A	
05023		XA521	70											SPI005	20							01	1	DCF	D8	35A	
13543		XA109	36		XA114	50			16B	9				SPI006	00							01	2	TQ2	C2	17A	G21
05024		XA114	50		XA120	39			16B	9				SPI006	01							01	5	TS8	D1	23A	
05025		XA120	39		XA147	06			16B	9				SPI006	02										RR4	D5	

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DRAWING NUMBER 149019-800
 UNIT ASSEMBLY NAME CARD CAGE ASSY, I/O UNIT

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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
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05026		XA147	06		XA147	79			16B	9			SPI006	03		01 4	TS8	A1		05A			
05027		XA147	79		XA444	50			16B	9			SPI006	04		01 8	TS8	F1		39B			
05028		XA444	50		XA444	68			16B	9			SPI006	05		01 5	TS8	D1		23A			
05029		XA444	68		XA444	73			16B	9			SPI006	06		01 7	TS8	E1		32A			
05030		XA444	73		XA433	72			16B	9			SPI006	07		01 3	TS8	F1		36B			
05031		XA433	72		XA433	60			16B	9			SPI006	08		01 1	TDD	MN		34A			
05032		XA433	60		XA433	46			16B	9			SPI006	09		01 1	TDD	KN		28A			
05033		XA433	46		XA433	30			16B	9			SPI006	10		01 1	TDD	HN		21A			
05034		XA433	30		XA433	14			16B	9			SPI006	11		01 1	TDD	FN		15A			
05035		XA433	14		XA330	18			16B	9			SPI006	12		01 1	TDD	DN		09A			
05036		XA330	18		XA317	65			16B	9			SPI006	13		01 2	TS8	B1		10A			
05037		XA317	65		XA416	38			16B	9			SPI006	14		01 1	TDD	MQ		34B			
05038		XA416	38		XA213	33			16B	9			SPI006	15	TDI2A0X	01 1	DCF	B6		14A		C01	
20563		XA213	33		XA213	36			16B	9			SPI006	17		01 1	THI	C5		17B			
20561		XA213	36										SPI006	18	KGND0A	01 1	THI	C3		16A			
05039		XA147	08		XA147	75			16B	9			SPI007	01		01 6	TS8	A1		06A			
05040		XA147	75		XA120	52			16B	9			SPI007	02		01 5	TS8	F1		37B			
05041		XA120	52		XA114	43			16B	9			SPI007	03			RR4	E1					
05042		XA114	43		XA330	24			16B	9			SPI007	04		01 1	TS8	D1		23B			
05043		XA330	24		XA433	20			16B	9			SPI007	05		01 6	TS8	B1		13A			
05044		XA433	20		XA433	36			16B	9			SPI007	06		01 1	TDD	DP		11A			
05045		XA433	36		XA433	50			16B	9			SPI007	07		01 1	TDD	FP		17A			
05046		XA433	50		XA433	64			16B	9			SPI007	08		01 1	TDD	HP		23A			
05047		XA433	64		XA433	73			16B	9			SPI007	09		01 1	TDD	KP		30A			
05048		XA433	73		XA444	79			16B	9			SPI007	10		01 1	TDD	MP		36B			
05049		XA444	79		XA444	55			16B	9			SPI007	11		01 8	TS8	F1		39B			
05050		XA444	55		XA444	46			16B	9			SPI007	12		01 1	TS8	E1		29B			
05051		XA444	46		XA416	34			16B	9			SPI007	13		01 2	TS8	D1		21A			
05052		XA416	34										SPI007	14		01 1	DCF	B8		12A			
05053		XA147	07		XA147	72			16B	9			SPI008	01		01 5	TS8	A1		03A			
05054		XA147	72		XA114	49			16B	9			SPI008	02		01 2	TS8	F1		34A			
05055		XA114	49		XA120	48			16B	9			SPI008	03		01 4	TS8	D1		26B			
05056		XA120	48		XA330	19			16B	9			SPI008	04			RR4	E2					
05057		XA330	19		XA433	17			16B	9			SPI008	05		01 3	TS8	B1		09B			
05058		XA433	17		XA433	29			16B	9			SPI008	06		01 1	TDD	DQ		08B			
05059		XA433	29		XA433	41			16B	9			SPI008	07		01 1	TDD	FQ		14B			
05060		XA433	41		XA433	53			16B	9			SPI008	08		01 1	TDD	HQ		22B			
05061		XA433	53		XA433	65			16B	9			SPI008	09		01 1	TDD	KQ		28B			
05062		XA433	65		XA444	71			16B	9			SPI008	10		01 1	TDD	MQ		34B			
05063		XA444	71		XA444	64			16B	9			SPI008	11		01 1	TS8	F1		36A			
05064		XA444	64		XA444	52			16B	9			SPI008	12		01 5	TS8	E1		30A			
05065		XA444	52										SPI008	13		01 6	TS8	D1		24A			
05066		XA127	03		XA127	05			16B	9			SPI009	01		01 1	TLD	A3		02A			
05067		XA127	05		XA127	11			16B	9			SPI009	02	JDIG8D	01 2	TLD	A2		03B			
05068		XA127	11		XA127	10			16B	9			SPI009	03		01 1	TLD	A4		05B			
05069		XA127	10		XA127	24			16B	9			SPI009	04		01 2	TLD	A1		07A			
05070		XA127	24		XA127	31			16B	9			SPI009	05		01 1	TLD	B1		13A			
												****	SIGNAL	(SPI009)	IS ON THE	NEXT PAGE	****						

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 UNIT ASSEMBLY NAME CARD CAGE ASSY, I/O UNIT

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RECORD NUMBER	FROM				TO				WIRE				SFC INST INSEC	SIGNAL	SEC NO	EQUATION	TERM	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															
05071		XA127	31		XA127	35				16B	9		SPI009	06	JDIG104	01	2	TLD	C3		15B						
05072		XA127	35		XA127	40				16B	9		SPI009	07		01	1	TLD	C4		17B						
05073		XA127	40		XA127	56				16B	9		SPI009	08	JDIG304	01	1	TLD	C1		19A						
05074		XA127	56		XA125	55				16B	9		SPI009	09		01	2	TLD	D1		26A		D01				
03695		XA125	55		XA125	59				16B	9		SPI009	095	TCB270	01	1	THI	E4		29B	CPU BUSS BIT 27	D01				
05075		XA125	59		XA125	65				16B	9		SPI009	10	KGNDCA	01	1	THI	E5		31B						
05076		XA125	65		XA122	71				16B	9		SPI009	11		01	1	THI	E6		33B						
05077		XA122	71		XA119	71				16B	9		SPI009	12		01	2	TT3	F2		36A						
05078		XA119	71		XA118	71				16B	9		SPI009	13	LCMPMOX	01	1	DCF	D2		34B						
05079		XA118	71		XA116	70				16B	9		SPI009	14	LMEA40X	01	1	DCF	D2		34B						
05080		XA116	70		XA116	64				16B	9		SPI009	15	TCOSA0	01	2	TQ2	E1		33A						
05081		XA116	64		XA116	56				16B	9		SPI009	16	TCOSB0	01	2	TQ2	E2		30A						
05082		XA116	56		XA116	55				16B	9		SPI009	17		01	2	TQ2	D1		26A						
05083		XA116	55		XA116	59				16B	9		SPI009	18		01	2	TQ2	E3		29B						
05084		XA116	59		XA116	41				16B	9		SPI009	19		01	1	TQ2	E4		31B						
05085		XA116	41		XA116	35				16B	9		SPI009	20		01	1	TQ2	D3		22B						
05086		XA116	35		XA116	29				16B	9		SPI009	21		01	1	TQ2	C4		17B		C10				
05088		XA116	29		XA118	31				16B	9		SPI009	23		01	1	TQ2	C3		14B						
05089		XA118	31		XA119	31				16B	9		SPI009	24	LI0C10X	01	1	DCF	B2		12B						
05090		XA119	31		XA119	49				16B	9		SPI009	25	LI0PROX	01	1	DCF	B2		12B						
05091		XA119	49		XA118	49				16B	9		SPI009	26		01	1	DCF	C2		27B						
05092		XA118	49		XA120	47				16B	9		SPI009	27		01	1	DCF	C2		27B						
05093		XA120	47		XA122	05				16B	9		SPI009	28				RR4	E3				C10				
05096		XA122	05		XA119	11				16B	9		SPI009	31	TKC030	01	3	TT3	A2		03B						
05097		XA119	11										SPI009	32	LMET00X	01	1	DCF	A2		04B		D05				
05100		XA143	29		XA143	17				16B	9		SPI010	03	TMSNOQ	01	1	TDD	FQ		14B						
05101		XA143	17		XA143	03				16B	9		SPI010	04	TMC1BQ	01	1	TDD	DQ		08B						
05102		XA143	03		XA147	04				16B	9		SPI010	05	TXC2BQ	01	1	TDD	BQ		02A						
05103		XA147	04		XA148	03				16B	9		SPI010	06		01	2	TS8	A1		04A						
05104		XA148	03		XA147	25				16B	9		SPI010	07	TMTC3Q	01	1	TDD	BQ		02A						
05105		XA147	25		XA147	31				16B	9		SPI010	08	TBD14A	01	7	TS8	B1		12B						
05106		XA147	31		XA145	38				16B	9		SPI010	09	TMOSCO	01	2	TS8	C1		15B						
05107		XA145	38		XA147	49				16B	9		SPI010	10		01	1	TT3	C1		18A						
05108		XA147	49		XA148	53				16B	9		SPI010	11	TXC100	01	4	TS8	D1		26B						
05109		XA148	53		XA147	61				16B	9		SPI010	12	TSTBRQ	01	1	TDD	KQ		28B						
05110		XA147	61		XA147	74				16B	9		SPI010	13	T1121A	01	3	TS8	E1		32B						
05111		XA147	74		XA144	70				16B	9		SPI010	14		01	4	TS8	F1		35B						
05112		XA144	70		XA144	75				16B	9		SPI010	15		01	4	TD4	E1		33A						
05113		XA144	75		XA143	53				16B	9		SPI010	16	TDIGBS	01	1	TD4	F1		37B						
05114		XA143	53		XA143	51				16B	9		SPI010	17	TITMRQ	01	1	TDD	KQ		28B						
05115		XA143	51		XA128	73				16B	9		SPI010	18	TMS3BQ	01	1	TDD	GQ		27B		C05				
05118		XA128	73		XA128	61				16B	9		SPI010	21	TXC13A	01	3	TS8	F1		36B						
05119		XA128	61		XA127	54				16B	9		SPI010	22	TER4AA	01	3	TS8	E1		32B						
05120		XA127	54		XA128	54				16B	9		SPI010	23		01	1	TLD	D1		25A						
05121		XA128	54		XA128	40				16B	9		SPI010	24	TDS090	01	7	TS8	D1		25A						
05122		XA128	40		XA127	37				16B	9		SPI010	25	TDS080	01	7	TS8	C1		19A						
05123		XA127	37		XA127	26				16B	9		SPI010	26		01	2	TLD	C4		18B						
05124		XA127	26		XA128	25				16B	9		SPI010	27		01	2	TLD	B1		14A						
05125		XA128	25		XA127	13				16B	9		SPI010	28	TDS010	01	7	TS8	B1		12B						
												****	SIGNAL	(SPI010)											IS ON THE	NEXT PAGE	****

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RECORD NUMBER	FROM			TO			WIRE				SIGNAL	SEQ NO	EQUATION	TERM	FACTORY	LKT OR SHIP TYPE	IMP	LOAD OR POWER PLANE	TEST POINTS AND OR	SIGNAL DESCRIPTION	ECO NO
	PREFIX	CONNECTOR	PIN	PIN FC	PREFIX	CONNECTOR	PIN	OR FC	MULTI GROUP	CODE											
05126		XA127	13		XA127	07				16B	9									06B	
05127		XA127	07		XA127	08				16B	9									03A	
05128		XA127	08		XA128	06				16B	9								06A		
05129		XA128	06		XA120	45				16B	9								05A		
05130		XA120	45		XA122	65				16B	9										
05131		XA122	65																	34B	
05132		XA120	41		XA128	07				16B	9										
05133		XA128	07		XA128	20				16B	9									03A	
05134		XA128	20		XA128	38				16B	9									11A	
05135		XA128	38		XA127	41				16B	9									18A	
05136		XA127	41		XA127	47				16B	9									22B	ERRDE
05137		XA127	47		XA127	48				16B	9									25B	
05138		XA127	48		XA128	50				16B	9									22A	
05139		XA128	50		XA128	62				16B	9									23A	
05140		XA128	62		XA128	72				16B	9									29A	
05141		XA128	72		XA133	70				16B	9									34A	
05142		XA133	70		XA140	77				16B	9									33A	
05143		XA140	77		XA140	71				16B	9									38B	
05144		XA140	71		XA138	64				16B	9									36A	
05145		XA138	64		XA136	55				16B	9									30A	
05146		XA136	55		XA135	52				16B	9									29B	
05147		XA135	52		XA136	50				16B	9									26A	
05148		XA136	50		XA137	48				16B	9									23A	
05149		XA137	48		XA136	40				16B	9									22A	
05152		XA136	40		XA136	14				16B	9									19A	G01
05153		XA136	14		XA136	07				16B	9									09A	C10
05155		XA136	07		XA140	05				16B	9									03A	
05156		XA140	05		XA140	11				16B	9									03B	
05157		XA140	11		XA141	11				16B	9									05B	
05158		XA141	11		XA140	08				16B	9									05B	
05159		XA140	08		XA141	03				16B	9									06A	
05160		XA141	03		XA140	17				16B	9									02A	B02
05162		XA140	17		XA140	26				16B	9									08B	
05163		XA140	26		XA141	26				16B	9									14A	
05164		XA141	26		XA141	20				16B	9									14A	
05165		XA141	20		XA147	52				16B	9									11A	C01
16967		XA147	52							16B	9									24A	B02
05166		XA146	77		XA144	77				16B	9									38B	
05167		XA144	77		XA143	80				16B	9									38B	
05168		XA143	80		XA141	73				16B	9									39A	
05169		XA141	73		XA141	78				16B	9									36B	
05170		XA141	78		XA142	77				16B	9									38A	
05171		XA142	77		XA142	73				16B	9									38B	
05172		XA142	73		XA141	70				16B	9									36B	
05173		XA141	70		XA141	64				16B	9									33A	
05174		XA141	64		XA143	63				16B	9									30A	
05175		XA143	63		XA144	66				16B	9									33B	
05176		XA144	66		XA146	68				16B	9									31A	
											****	SIGNAL	(SPI012)	IS ON THE	NEXT PAGE	****					

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RECORD NUMBER	FROM			TO			WIRE				SIGNAL	SPO NO	EQUATION	TURNS	FACTOR	CUT OR CHIP TYPE	LOAD OR POWER PLANE	TEST POINTS AND JP	SIGNAL DESCRIPTION	ECO NO	
	PREFIX	CONNECTOR	PIN	PREFIX	CONNECTOR	PIN	WIRE	MULTI GROUP	CODE	COLOR											IDENT
05177		XA146	68		XA146	61			16B	9		SPI012	12	TBRR2A	01	1	TQ2	E1	32A		
05178		XA146	61		XA146	55			16B	9		SPI012	13	TB3XAA	01	2	TQ2	E4	32B		
05179		XA146	55		XA145	40			16B	9		SPI012	14	TB1XAA	01	2	TQ2	E3	29B		
05180		XA145	40		XA146	26			16B	9		SPI012	15		01	2	TT3	C1	19A		
05181		XA146	26		XA145	14			16B	9		SPI012	16	TBRREA	01	2	TQ2	B1	14A		
05182		XA145	14		XA143	15			16B	9		SPI012	17	TBL22A	01	1	TT3	B2	09A		
05183		XA143	15		XA142	11			16B	9		SPI012	18	TXC1BQ	01	1	TDD	AQ	07B		
05184		XA142	11		XA142	17			16B	9		SPI012	19	TXC200	01	1	TQ2	A4	05B		
05185		XA142	17		XA141	17			16B	9		SPI012	20	TDECA0	01	1	TQ2	B3	08B		
05186		XA141	17		XA141	23			16B	9		SPI012	21	TMF1A0	01	1	TQ2	B3	08B	C05	
05188		XA141	23		XA142	23			16B	9		SPI012	23	TDECAA	01	1	TQ2	B4	11B		
05189		XA142	23		XA143	27			16B	9		SPI012	24	TBY1C0	01	1	TQ2	B4	11B		
05190		XA143	27		XA142	36			16B	9		SPI012	25	TXC3BQ	01	1	TDD	CQ	13B		
05191		XA142	36		XA143	39			16B	9		SPI012	26	ISA0B0	01	2	TQ2	C2	17A		
05192		XA143	39		XA144	43			16B	9		SPI012	27	TMC2BQ	01	1	TDD	EQ	19B		
05193		XA144	43		XA143	52			16B	9		SPI012	28	TXC14A	01	1	TQ4	D2	23B		
05194		XA143	52		XA142	54			16B	9		SPI012	29	TMS3BP	01	1	TDD	GP	24A		
05195		XA142	54		XA142	48			16B	9		SPI012	30	TMS3D0	01	1	TQ2	D1	25A		
05196		XA142	48		XA142	47			16B	9		SPI012	31	TXK30A	01	1	TQ2	D2	22A		
05197		XA142	47		XA141	49			16B	9		SPI012	32	TPS20A	01	1	TQ2	D4	25B		
05198		XA141	49		XA141	41			16B	9		SPI012	33	TS11B0	01	2	TQ2	D4	26B		
05199		XA141	41		XA120	62			16B	9		SPI012	34	TOFRA0	01	1	TQ2	D3	22B		
05200		XA120	62									SPI012	35				RR4	F1			
05201		XA148	80		XA146	74			16B	9		SPI013	01	TI1C1Q	01	1	TDD	LQ	39A		
05202		XA146	74		XA147	71			16B	9		SPI013	02	TXC2C0	01	2	TQ2	F3	35B		
05203		XA147	71		XA147	66			16B	9		SPI013	03		01	1	TS8	F1	36A		
05204		XA147	66		XA148	64			16B	9		SPI013	04	TI121A	01	6	TS8	E1	31A		
05205		XA148	64		XA151	63			16B	9		SPI013	05	TSTBRP	01	1	TDD	KP	30A		
05206		XA151	63		XA151	51			16B	9		SPI013	06	TI1C0Q	01	1	TDD	JQ	33B		
05207		XA151	51		XA151	40			16B	9		SPI013	07	TMO4BQ	01	1	TDD	GQ	27B		
05208		XA151	40		XA151	24			16B	9		SPI013	08	TBRREI	01	1	TDD	E1	19A		
05209		XA151	24		XA151	15			16B	9		SPI013	09	TBMACI	01	1	TDD	CI	13A		
05210		XA151	15		XA147	05			16B	9		SPI013	10	TMTC0Q	01	1	TDD	AQ	07B		
05211		XA147	05		XA148	15			16B	9		SPI013	11		01	3	TS8	A1	03B		
05212		XA148	15		XA149	23			16B	9		SPI013	12	TMTC1Q	01	1	TDD	AQ	07B		
05213		XA149	23		XA147	24			16B	9		SPI013	13	TS12B0	01	1	TQ2	B4	11B		
05214		XA147	24		XA147	37			16B	9		SPI013	14	TBD14A	01	6	TS8	B1	13A		
05215		XA147	37		XA148	41			16B	9		SPI013	15	TM0SC0	01	5	TS8	C1	18B		
05216		XA148	41		XA147	50			16B	9		SPI013	16	TMO2BQ	01	1	TDD	HQ	22B		
05217		XA147	50		XA120	56			16B	9		SPI013	17	TXC100	01	5	TS8	D1	23A		
05218		XA120	56		XA206	01			16B	9		SPI013	18				RR4	F2			
05219		XA206	01		XA205	06			16B	9		SPI013	19	TBR10A	01	1	TT3	A2	02B		
05220		XA205	06		XA205	20			16B	9		SPI013	20		01	1	TH1	A2	05A		
05221		XA205	20		XA205	17			16B	9		SPI013	21		01	1	TH1	B3	10A		
05222		XA205	17		XA205	23			16B	9		SPI013	22		01	1	TH1	B4	09B		
05223		XA205	23		XA207	31			16B	9		SPI013	23		01	1	TH1	B2	12A		
05224		XA207	31		XA207	42			16B	9		SPI013	24	TBST10	01	2	TQ2	C3	15B		
05225		XA207	42		XA207	36			16B	9		SPI013	25		01	2	TQ2	C1	20A		
05226		XA207	36		XA207	37			16B	9		SPI013	26		01	2	TQ2	C2	17A		
									****	SIGNAL	(SPI013)			S ON THE					NEXT PAGE	****	

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RECORD NUMBER	FROM				TO				WIRE				SIGNAL	SIGNAL NO.	EQUATION	RELATION	SIGNAL TYPE	SIGNAL	TEST POINTS	SIGNAL DESCRIPTION	ECO NO.
	PREFIX	CONNECTOR	PIN	SP. FA.	PREFIX	CONNECTOR	PIN	SP. FA.	MULTI-PAIR	COUR.	COLOR	IDENT.									
05227		XA207	37		XA205	36				16B	9		SPI013	27	TBST20	01 2	TQ2 C4	18B			
05228		XA205	36		XA205	38				16B	9		SPI013	28		01 1	THI C3	16A			
05229		XA205	38		XA205	50				16B	9		SPI013	29		01 1	THI C1	20A			
05230		XA205	50		XA206	53				16B	9		SPI013	30		01 1	THI D3	22A			
05231		XA206	53		XA206	70				16B	9		SPI013	31		01 1	TT3 E2	28B			
05232		XA206	70		XA206	78				16B	9		SPI013	32		01 3	TT3 E1	33A			
05233		XA206	78		XA205	73				16B	9		SPI013	33	TRCR1A	01 3	TT3 F3	38A			F01
05236		XA205	73		XA205	75				16B	9		SPI013	36		01 1	THI F2	37B			
05237		XA205	75		XA210	64				16B	9		SPI013	37		01 1	THI F6	39A			C09
04162		XA210	64										SPI013	38		01 2	TQ2 E2	30A			C09
05238		XA151	03		XA151	26				16B	9		SPI014	01	TMTC2Q	01 1	TDD BQ	02A			
05239		XA151	26		XA151	42				16B	9		SPI014	02	TBMACN	01 1	TDD CN	14A			
05240		XA151	42		XA151	41				16B	9		SPI014	03	TBRRFN	01 1	TDD EN	20A			
05241		XA151	41		XA120	55				16B	9		SPI014	04	TM05BQ	01 1	TDD HQ	22B			
05242		XA120	55		XA221	07				16B	9		SPI014	05			RR4 F3				
05243		XA221	07		XA221	20				16B	9		SPI014	06	TD1500	01 5	TS8 A1	03A			
05244		XA221	20		XA221	34				16B	9		SPI014	07	TD1700	01 4	TS8 B1	11A			
05245		XA221	34		XA217	70				16B	9		SPI014	08	TD1900	01 3	TS8 C1	16A			C13
05247		XA217	70		XA217	73				16B	9		SPI014	10	TD32BN	01 1	TDD JN	33A			
05248		XA217	73		XA216	74				16B	9		SPI014	11	TPEDMP	01 1	TDD MP	36B			
05249		XA216	74		XA216	70				16B	9		SPI014	12	TCA11A	01 4	TS8 F1	35B			
05250		XA216	70		XA215	61				16B	9		SPI014	13	KCMALO	01 8	TS8 E1	33A			
05251		XA215	61		XA215	49				16B	9		SPI014	14	TK150A	01 3	TS8 E1	32B			
05252		XA215	49		XA214	49				16B	9		SPI014	15	TD3100	01 4	TS8 D1	26B			
05253		XA214	49		XA210	42				16B	9		SPI014	16		01 2	TQ2 D4	26B			C01
05255		XA210	42		XA210	34				16B	9		SPI014	18		01 2	TQ2 C1	20A			
05256		XA210	34		XA210	31				16B	9		SPI014	19		01 1	TQ2 C2	16A			
05257		XA210	31		XA208	34				16B	9		SPI014	20		01 2	TQ2 C3	15B			
05258		XA208	34		XA207	34				16B	9		SPI014	21		01 1	TQ2 C2	16A			805
05260		XA207	34		XA207	40				16B	9		SPI014	23		01 1	TQ2 C2	16A			
05261		XA207	40		XA208	56				16B	9		SPI014	24		01 1	TQ2 C1	19A			
05262		XA208	56		XA207	64				16B	9		SPI014	25		01 2	TQ2 D1	26A			
05263		XA207	64		XA207	68				16B	9		SPI014	26		01 2	TQ2 E2	30A			
05264		XA207	68		XA206	66				16B	9		SPI014	27		01 1	TQ2 E1	32A			
05265		XA206	66		XA206	60				16B	9		SPI014	28		01 1	TT3 F1	31A			F01
05268		XA206	60		XA210	61				16B	9		SPI014	31		01 2	TT3 E2	28A			
05269		XA210	61		XA210	62				16B	9		SPI014	32		01 2	TQ2 E4	32B			C09
04463		XA210	62										SPI014	33		01 1	TQ2 E2	29A			C09
05270		XA207	70		XA207	62				16B	9		SPI015	01		01 2	TQ2 E1	33A			
05271		XA207	62		XA210	59				16B	9		SPI015	02		01 1	TQ2 E2	29A			
05272		XA210	59		XA208	54				16B	9		SPI015	03		01 1	TQ2 E4	31B			
05273		XA208	54		XA207	54				16B	9		SPI015	04		01 1	TQ2 D1	25A			
05274		XA207	54		XA207	49				16B	9		SPI015	05	TBST2A	01 1	TQ2 D1	25A			
05275		XA207	49		XA208	36				16B	9		SPI015	06	KMET00	01 2	TQ2 D4	26B			805
05277		XA208	36		XA210	36				16B	9		SPI015	08		01 2	TQ2 C2	17A			
05278		XA210	36		XA210	40				16B	9		SPI015	09		01 2	TQ2 C2	17A			
05279		XA210	40		XA210	29				16B	9		SPI015	10		01 1	TQ2 C1	19A			
05280		XA210	29		XA213	35				16B	9		SPI015	11		01 1	TQ2 C3	14B			
										****		SIGNAL	(SPI015)		IS ON THE		NEXT PAGE	****			

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RECORD NUMBER	FROM			TO			WIRE				SIGNAL	SEC NO	EQUATION	TERMS	CKT OR CHIP TYPE	GROUP	LOADS OR POWER PLANE	TEST POINTS (LAND OR)	SIGNAL DESCRIPTION	ECO NO	
	PREFIX	CONNECTOR	PIN	PREFIX	CONNECTOR	PIN	MULTI GROUP	CODE	COLOR	IDENT											
05281		XA213	35		XA213	39			168	9		SPI015	12		01	1	THI	C2	18A		
05282		XA213	39		XA214	47			168	9		SPI015	13		01	1	THI	C6	19B	C01	
05284		XA214	47		XA213	51			168	9		SPI015	15		01	1	TQ2	D4	25B		
05285		XA213	51		XA215	50			168	9		SPI015	16		01	1	THI	D6	27B		
05286		XA215	50		XA216	54			168	9		SPI015	17	TD3100	01	5	TS8	D1	23A		
05287		XA216	54		XA216	62			168	9		SPI015	18	TD3000	01	7	TS8	D1	25A		
05288		XA216	62		XA217	68			168	9		SPI015	19	KCMAL0	01	4	TS8	E1	29A		
05289		XA217	68		XA217	80			168	9		SPI015	20	TD32B1	01	1	TDD	J1	32A		
05290		XA217	80		XA218	79			168	9		SPI015	21	TADAB9	01	1	TDD	LQ	39A		
05291		XA218	79		XA216	75			168	9		SPI015	22	TF152A	01	2	TQ2	F1	39B	C13	
05292		XA216	75		XA215	68			168	9		SPI015	23	TCA11A	01	5	TS8	F1	37B		
05293		XA215	68		XA215	37			168	9		SPI015	24	TK150A	01	7	TS8	E1	32A		
05294		XA215	37		XA216	31			168	9		SPI015	25	TD2900	01	5	TS8	C1	18B		
05295		XA216	31		XA216	20			168	9		SPI015	26	TD2800	01	2	TS8	C1	15B		
05296		XA216	20		XA215	14			168	9		SPI015	27	TD2600	01	4	TS8	B1	11A		
05297		XA215	14		XA215	07			168	9		SPI015	28	TD2700	01	1	TS8	B1	09A		
05298		XA215	07		XA216	04			168	9		SPI015	29	TD2500	01	5	TS8	A1	03A		
05299		XA216	04		XA221	06			168	9		SPI015	30	TD2400	01	2	TS8	A1	04A		
05300		XA221	06		XA221	14			168	9		SPI015	31	TD1500	01	4	TS8	A1	05A		
05301		XA221	14		XA221	36			168	9		SPI015	32	TD1700	01	1	TS8	B1	09A		
05302		XA221	36		XA221	60			168	9		SPI015	33	TD1900	01	4	TS8	C1	17A		
05303		XA221	60		XA120	53			168	9		SPI015	34	TD2300	01	2	TS8	E1	28A		
05304		XA120	53									SPI015	35				RR4	F4			
05305		XA216	73		XA217	64			168	9		SPI016	01	TCA11A	01	3	TS8	F1	36B		
05306		XA217	64		XA120	51			168	9		SPI016	02	TAVEBP	01	1	TDD	KP	30A		
05307		XA120	51		XA221	18			168	9		SPI016	03				RR4	F5			
05308		XA221	18		XA222	34			168	9		SPI016	04	TD1700	01	2	TS8	B1	10A		
05309		XA222	34		XA221	40			168	9		SPI016	05	TD1600	01	3	TS8	C1	16A		
05310		XA221	40		XA222	56			168	9		SPI016	06	TD1900	01	7	TS8	C1	19A		
05311		XA222	56		XA227	61			168	9		SPI016	07	TD1800	01	8	TS8	D1	26A		
05312		XA227	61		XA228	60			168	9		SPI016	08	TD0900	01	3	TS8	E1	32B		
05313		XA228	60		XA228	48			168	9		SPI016	09	TD0800	01	2	TS8	E1	28A		
05314		XA228	48		XA227	48			168	9		SPI016	10	TD0600	01	3	TS8	D1	22A		
05315		XA227	48		XA228	37			168	9		SPI016	11	TD0700	01	3	TS8	D1	22A		
05316		XA228	37		XA227	36			168	9		SPI016	12	TD0400	01	5	TS8	C1	18B		
05317		XA227	36		XA227	25			168	9		SPI016	13	TD0500	01	4	TS8	C1	17A		
05318		XA227	25		XA238	04			168	9		SPI016	14	TD0300	01	7	TS8	B1	12B		
05319		XA238	04		XA238	20			168	9		SPI016	15	TE25BP	01	1	TDD	BP	04A		
05320		XA238	20		XA238	36			168	9		SPI016	16	TE27BP	01	1	TDD	DP	11A		
05321		XA238	36		XA238	50			168	9		SPI016	17	TE29BP	01	1	TDD	FP	17A		
05322		XA238	50		XA242	73			168	9		SPI016	18	TE31BP	01	1	TDD	HP	23A		
05323		XA242	73		XA244	64			168	9		SPI016	19	TE12BP	01	1	TDD	MP	36B		
05324		XA244	64		XA244	65			168	9		SPI016	20	TE09BP	01	1	TDD	KP	30A		
05325		XA244	65		XA242	64			168	9		SPI016	21	TS28BQ	01	1	TDD	MQ	34B		
05326		XA242	64		XA242	50			168	9		SPI016	22	TE14BP	01	1	TDD	KP	30A		
05327		XA242	50		XA242	36			168	9		SPI016	23	TE16BP	01	1	TDD	HP	23A		
05328		XA242	36		XA242	20			168	9		SPI016	24	TE18BP	01	1	TDD	FP	17A		
05329		XA242	20		XA242	04			168	9		SPI016	25	TE20BP	01	1	TDD	DP	11A		
05330		XA242	04		XA247	05			168	9		SPI016	26	TE22BP	01	1	TDD	BP	04A		
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	PREFIX	CONNECTOR	PIN	WIRE NO	PREFIX	CONNECTOR	PIN	WIRE NO	MULTI GROUP	CODE	COLOR												IDENT
05331		XA247	05			XA236	55						SPI016	27	TE0040	01	3	TS8	A1		03B		C05
13624		XA236	55										SPI016	28		01	1	TD4	E2		29B		C05
16279		XA236	60			XA237	76						SPI017	005		01	2	TD4	E2		28A		C05
05332		XA237	76			XA237	79						SPI017	01	TECKDA	01	1	TQ2	F4		37A		
05333		XA237	79			XA237	65						SPI017	02	TECKAA	01	2	TQ2	F1		39B		
05334		XA237	65			XA237	71						SPI017	03	TECKCA	01	1	TQ2	F3		34B		
05335		XA237	71			XA230	74						SPI017	04	TECKBA	01	1	TQ2	F2		36A		
05336		XA230	74			XA232	64						SPI017	05	TF0R00	01	2	TQ2	F3		35B		
05337		XA232	64			XA232	47						SPI017	06	TF282A	01	2	TQ2	E2		30A		
05338		XA232	47			XA232	50						SPI017	07	TF272A	01	1	TQ2	D4		25B		
05339		XA232	50			XA234	48						SPI017	08	TF262A	01	2	TQ2	D2		23A		
05340		XA234	48			XA234	37						SPI017	09	TF022A	01	1	TQ2	D2		22A		
05341		XA234	37			XA234	36						SPI017	10	TF012A	01	2	TQ2	C4		18B		
05342		XA234	36			XA238	22						SPI017	11	TF002A	01	2	TQ2	C2		17A		
05343		XA238	22			XA238	06						SPI017	12	TE26BP	01	1	TDD	CP		12A		
05344		XA238	06			XA227	05						SPI017	13	TE24BP	01	1	TDD	AP		05A		
05345		XA227	05			XA228	10						SPI017	14	TD0100	01	3	TS8	A1		03B		
05346		XA228	10			XA228	20						SPI017	15	TD0000	01	7	TS8	A1		07A		
05347		XA228	20			XA227	20						SPI017	16	TD0200	01	4	TS8	B1		11A		
05348		XA227	20			XA225	17						SPI017	17	TD0300	01	4	TS8	B1		11A		
05349		XA225	17			XA225	23						SPI017	18	KOR220	01	1	TQ2	B3		08B		
05350		XA225	23			XA225	34						SPI017	19	KOR210	01	1	TQ2	B4		11B		
05351		XA225	34			XA227	37						SPI017	20	KOR230	01	1	TQ2	C2		16A		
05352		XA227	37			XA228	36						SPI017	21	TD0500	01	5	TS8	C1		18B		
05353		XA228	36			XA228	50						SPI017	22	TD0400	01	4	TS8	C1		17A		
05354		XA228	50			XA227	50						SPI017	23	TD0600	01	5	TS8	D1		23A		
05355		XA227	50			XA227	62						SPI017	24	TD0700	01	5	TS8	D1		23A		
05356		XA227	62			XA228	61						SPI017	25	TD0900	01	4	TS8	E1		29A		
05357		XA228	61			XA228	75						SPI017	26	TD0800	01	3	TS8	E1		32B		
05358		XA228	75			XA222	71						SPI017	27	TD1000	01	5	TS8	F1		37B		
05359		XA222	71			XA222	49						SPI017	28	TD2200	01	1	TS8	F1		36A		
05360		XA222	49			XA222	31						SPI017	29	TD1800	01	4	TS8	D1		26B		
05361		XA222	31			XA222	20						SPI017	30	TD1600	01	2	TS8	C1		15B		
05362		XA222	20			XA222	10						SPI017	31	TD1400	01	4	TS8	B1		11A		
05363		XA222	10			XA121	08						SPI017	32	TD1300	01	7	TS8	A1		07A		
05364		XA121	08										SPI017	33				RR4	A1				
12562		XA236	62			XA249	54						SPI018	005		01	3	TD4	E2		29A		C05
05365		XA249	54			XA248	25						SPI018	01		01	1	TLD	D1		25A		
05366		XA248	25			XA249	26						SPI018	02		01	3	TD4	B1		12B		
05367		XA249	26			XA249	13						SPI018	03		01	2	TLD	B1		14A		
05368		XA249	13			XA249	07						SPI018	04		01	2	TLD	A4		06B		
05369		XA249	07			XA247	06						SPI018	05		01	2	TLD	A3		03A		
05370		XA247	06			XA242	15						SPI018	06	TE0040	01	4	TS8	A1		05A		
05371		XA242	15			XA242	27						SPI018	07	TE23BQ	01	1	TDD	AQ		07B		
05372		XA242	27			XA242	39						SPI018	08	TE21BQ	01	1	TDD	CQ		13B		
05373		XA242	39			XA242	51						SPI018	09	TE19BQ	01	1	TDD	EQ		19B		
05374		XA242	51			XA242	80						SPI018	10	TE17BQ	01	1	TDD	GQ		27B		
05375		XA242	80			XA244	80						SPI018	11	TE13BQ	01	1	TDD	LQ		39A		
												****	SIGNAL	(SPI018)	IS ON THE NEXT PAGE				****				

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RECORD NUMBER	FROM				TO				WIRE				SFC INST MISC	SIGNAL	SFC NO	EQUATION	TERM	FACTOR	CKT OR CHIP TYPE	DHW	LOAD OR POWER PLANE	TEST POINTS		SIGNAL DESCRIPTION	ECO NO
	PREFIX	CONNECTOR	PIN	W/O S	PREFIX	CONNECTOR	PIN	W/O S	MULTI GROUP	CODE	COLOR	IDENT										AND	DR		
05376		XA244	80		XA244	63				168	9		SPI018	12	TE10BQ	01	1	TDD	LQ		39A				
05377		XA244	63		XA242	63				168	9		SPI018	13	TE08BQ	01	1	TDD	JQ		33B				
05378		XA242	63		XA238	65				168	9		SPI018	14	TE15BQ	01	1	TDD	JQ		33B				
05379		XA238	65		XA238	51				168	9		SPI018	15	TK00BQ	01	1	TDD	MQ		34B				
05380		XA238	51		XA238	39				168	9		SPI018	16	TE30BQ	01	1	TDD	GQ		27B				
05381		XA238	39		XA238	27				168	9		SPI018	17	TE28BQ	01	1	TDD	EQ		19B				
05382		XA238	27		XA238	15				168	9		SPI018	18	TE26BQ	01	1	TDD	CQ		13B				
05383		XA238	15		XA227	06				168	9		SPI018	19	TE24BQ	01	1	TDD	AQ		07B				
05384		XA227	06		XA228	07				168	9		SPI018	20	TD0100	01	4	TS8	A1		05A				
05385		XA228	07		XA228	19				168	9		SPI018	21	TD0000	01	5	TS8	A1		03A				
05386		XA228	19		XA227	26				168	9		SPI018	22	TD0200	01	3	TS8	B1		09B				
05387		XA227	26		XA227	40				168	9		SPI018	23	TD0300	01	8	TS8	B1		14A				
05388		XA227	40		XA228	34				168	9		SPI018	24	TD0500	01	7	TS8	C1		19A				
05389		XA228	34		XA228	74				168	9		SPI018	25	TD0400	01	3	TS8	C1		16A				
05390		XA228	74		XA228	62				168	9		SPI018	26	TD1000	01	4	TS8	F1		35B				
05391		XA228	62		XA227	60				168	9		SPI018	27	TD0800	01	4	TS8	E1		29A				
05392		XA227	60		XA228	49				168	9		SPI018	28	TD0900	01	2	TS8	E1		28A				
05393		XA228	49		XA227	49				168	9		SPI018	29	TD0600	01	4	TS8	D1		26B				
05394		XA227	49		XA222	48				168	9		SPI018	30	TD0700	01	4	TS8	D1		26B				
05395		XA222	48		XA222	36				168	9		SPI018	31	TD1800	01	3	TS8	D1		22A				
05396		XA222	36		XA222	22				168	9		SPI018	32	TD1600	01	4	TS8	C1		17A				
05397		XA222	22		XA222	07				168	9		SPI018	33	TD1400	01	5	TS8	B1		12A				
05398		XA222	07		XA121	10				168	9		SPI018	34	TD1300	01	5	TS8	A1		03A				
05399		XA121	10										SPI018	35				RR4	A2						
05400		XA238	38		XA238	52				168	9		SPI019	01	TE28BP	01	1	TDD	EP		18A				
05401		XA238	52		XA238	63				168	9		SPI019	02	TE30BP	01	1	TDD	GP		24A				
05402		XA238	63		XA238	80				168	9		SPI019	03	TCM0BQ	01	1	TDD	JQ		33B				
05403		XA238	80		XA239	73				168	9		SPI019	04	TIND0BQ	01	1	TDD	LQ		39A				
05404		XA239	73		XA239	77				168	9		SPI019	05	TECK2A	01	2	TQ2	F2		36B				
05405		XA239	77		XA242	75				168	9		SPI019	06	TECK1A	01	1	TQ2	F1		38B				
05406		XA242	75		XA244	75				168	9		SPI019	07	TE13BP	01	1	TDD	LP		37B				
05407		XA244	75		XA247	79				168	9		SPI019	08	TE10BP	01	1	TDD	LP		37B				
05408		XA247	79		XA247	68				168	9		SPI019	09	TS231A	01	8	TS8	F1		39B				
05409		XA247	68		XA244	66				168	9		SPI019	10	TS162A	01	7	TS8	E1		32A		G01		
05411		XA244	66		XA242	66				168	9		SPI019	12	TE08BP	01	1	TDD	JP		31A				
05412		XA242	66		XA242	52				168	9		SPI019	13	TE15BP	01	1	TDD	JP		31A				
05413		XA242	52		XA242	38				168	9		SPI019	14	TE17BP	01	1	TDD	GP		24A				
05414		XA242	38		XA242	22				168	9		SPI019	15	TE19BP	01	1	TDD	EP		18A				
05415		XA242	22		XA244	15				168	9		SPI019	16	TE21BP	01	1	TDD	CP		12A				
05416		XA244	15		XA247	07				168	9		SPI019	17	TIT1MQ	01	1	TDD	AQ		07B				
05417		XA247	07		XA246	13				168	9		SPI019	18	TE0040	01	5	TS8	A1		03A				
05418		XA246	13		XA248	13				168	9		SPI019	19	TE0140	01	2	TQ2	A4		06B				
05419		XA248	13		XA247	20				168	9		SPI019	20	TS223A	01	4	TD4	A1		06B				
05420		XA247	20		XA248	26				168	9		SPI019	21	TDC010	01	4	TS8	B1		11A				
05421		XA248	26		XA249	24				168	9		SPI019	22		01	4	TD4	B1		14A				
05422		XA249	24		XA249	10				168	9		SPI019	23		01	1	TLD	B1		13A				
05423		XA249	10		XA249	11				168	9		SPI019	24	JSSGAD4	01	2	TLD	A1		07A				
05424		XA249	11		XA249	03				168	9		SPI019	25		01	1	TLD	A4		05B				
05425		XA249	03		XA242	06				168	9		SPI019	26		01	1	TLD	A3		02A				
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	PREFIX	CONNECTOR	PIN	PREFIX	CONNECTOR	PIN	MULTI GROUP	CODE										
05426		XA242	06		XA121	05		16B 9	SPI019	27	TE23BP	01	1	TDD	AP	05A		
05427		XA121	05						SPI019	28				RR4	A3			
05428		XA121	07		XA248	24		16B 9	SPI020	01				RR4	A4			
05429		XA248	24		XA251	17		16B 9	SPI020	02				T04	B1	13A		
05430		XA251	17		XA250	24		16B 9	SPI020	03	TS21BQ	01	1	TDD	DQ	08B		
05431		XA250	24		XA251	65		16B 9	SPI020	04	TC02A0	01	6	TS8	B1	13A		
05432		XA251	65		XA250	64		16B 9	SPI020	05	TS29BQ	01	1	TDD	MQ	34B		
05433		XA250	64		XA325	04		16B 9	SPI020	06	TS4620	01	5	TS8	E1	30A		
05434		XA325	04		XA325	10		16B 9	SPI020	07		01	2	T04	A2	04A		
05435		XA325	10		XA329	20		16B 9	SPI020	08		01	3	T04	A1	07A		
05436		XA329	20		XA330	26		16B 9	SPI020	09	TC03BP	01	1	TDD	DP	11A		
05437		XA330	26		XA329	36		16B 9	SPI020	10		01	8	TS8	B1	14A		
05438		XA329	36		XA330	50		16B 9	SPI020	11	TC05BP	01	1	TDD	FP	17A		
05439		XA330	50		XA329	50		16B 9	SPI020	12	TIT110	01	5	TS8	D1	23A		
05440		XA329	50		XA329	53		16B 9	SPI020	13	TC07BP	01	1	TDD	HP	23A		
05441		XA329	53		XA329	65		16B 9	SPI020	14	TC09BQ	01	1	TDD	KQ	28B		
05442		XA329	65		XA317	71		16B 9	SPI020	15	TC11B0	01	1	TDD	MQ	34B		
05443		XA317	71		XA321	73		16B 9	SPI020	16		01	1	TDD	MI	36A		
05445		XA321	73		XA321	64		16B 9	SPI020	18	TC23BP	01	1	TDD	MP	36B		
05446		XA321	64		XA321	50		16B 9	SPI020	19	TC21BP	01	1	TDD	KP	30A		
05447		XA321	50		XA321	36		16B 9	SPI020	20	TC19BP	01	1	TDD	HP	23A		
05448		XA321	36		XA321	20		16B 9	SPI020	21	TC17BP	01	1	TDD	FP	17A		
05449		XA321	20		XA321	04		16B 9	SPI020	22	TC15BP	01	1	TDD	DP	11A		
05450		XA321	04		XA317	04		16B 9	SPI020	23	TC13BP	01	1	TDD	BP	04A		
05451		XA317	04		XA317	20		16B 9	SPI020	24	TC25BP	01	1	TDD	BP	04A		
05452		XA317	20		XA317	36		16B 9	SPI020	25	TC27BP	01	1	TDD	DP	11A		
05453		XA317	36		XA317	50		16B 9	SPI020	26	TC29BP	01	1	TDD	FP	17A		
05454		XA317	50						SPI020	27	TC31BP	01	1	TDD	HP	23A		003
05456		XA236	64		XA251	75		16B 9	SPI021	01		01	4	T04	E2	30A		005
05457		XA251	75		XA251	63		16B 9	SPI021	02	TE11BP	01	1	TDD	LP	37B		
05458		XA251	63		XA250	62		16B 9	SPI021	03	TS26BQ	01	1	TDD	JQ	33B		
05459		XA250	62		XA249	61		16B 9	SPI021	04	TS4620	01	4	TS8	E1	29A		
05460		XA249	61		XA249	71		16B 9	SPI021	05		01	2	TLD	E4	32B		
05461		XA249	71		XA249	77		16B 9	SPI021	06		01	1	TLD	F2	36A		
05462		XA249	77		XA249	76		16B 9	SPI021	07		01	1	TLD	F1	38B		
05463		XA249	76		XA249	74		16B 9	SPI021	08		01	1	TLD	F4	37A		
05464		XA249	74		XA249	68		16B 9	SPI021	09		01	2	TLD	F3	35B		
05465		XA249	68		XA249	64		16B 9	SPI021	10		01	1	TLD	E1	32A		
05466		XA249	64		XA249	50		16B 9	SPI021	11		01	2	TLD	E2	30A		
05467		XA249	50		XA249	56		16B 9	SPI021	12		01	2	TLD	D2	23A		
05468		XA249	56		XA249	53		16B 9	SPI021	13		01	2	TLD	D1	26A		
05469		XA249	53		XA249	49		16B 9	SPI021	14		01	1	TLD	E3	28B		
05470		XA249	49		XA249	43		16B 9	SPI021	15		01	2	TLD	D4	26B		
05471		XA249	43		XA251	41		16B 9	SPI021	16		01	2	TLD	D3	23B		
05472		XA251	41		XA251	39		16B 9	SPI021	17	TS25BQ	01	1	TDD	HQ	22B		
05473		XA251	39		XA250	31		16B 9	SPI021	18	TS22BQ	01	1	TDD	EQ	19B		
05474		XA250	31		XA250	25		16B 9	SPI021	19	TC03A0	01	2	TS8	C1	15B		
05475		XA250	25		XA251	05		16B 9	SPI021	20	TC02A0	01	7	TS8	B1	12B		006
								****	SIGNAL	SPI021				S ON THE	NEXT PAGE	****		

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	PREFIX	CONNECTOR	PIN	PREFIX	CONNECTOR	PIN	SIZE	MULTI GROUP	CODE	COLOR											
05477		XA251	05		XA121	09			16B	9		SPI021	22	TMT0BI	01	1	TDD	BI			
05478		XA121	09		XA305	08			16B	9		SPI021	23		01	1	RR4	A5			006
05480		XA305	08		XA304	26			16B	9		SPI021	25	TE0BA0	01	2	T04	A1			06A
05481		XA304	26		XA304	31			16B	9		SPI021	26		01	2	TQ2	B1			14A
05482		XA304	31		XA304	49			16B	9		SPI021	27	TIT0NA	01	2	TQ2	C3			15B
05484		XA304	49		XA315	77			16B	9		SPI021	29		01	2	TQ2	D4			26B
14331		XA315	77		XA304	62			16B	9		SPI021	30		01	2	TT3	F1			38B
05486		XA304	62		XA304	77			16B	9		SPI021	31	TI23X0	01	1	TQ2	E2			29A
05487		XA304	77		XA304	04			16B	9		SPI021	32	TI321A	01	1	TQ2	F1			38B
13343		XA304	04									SPI021	33		01	1	TQ2	A2			04A
13462		XA304	05		XA304	24			16B	9		SPI022	01		01	2	TQ2	A2			03B
05489		XA304	24		XA310	76			16B	9		SPI022	02		01	1	TQ2	B1			13A
14131		XA310	76		XA304	47			16B	9		SPI022	03		01	1	THI	F5			37A
05491		XA304	47		XA315	75			16B	9		SPI022	04		01	1	TQ2	D4			25B
16507		XA315	75		XA305	61			16B	9		SPI022	05		01	1	TT3	F1			37B
05493		XA305	61		XA313	74			16B	9		SPI022	06	TIOIHA	01	1	T04	E1			32B
05494		XA313	74		XA313	70			16B	9		SPI022	07		01	2	TLD	F3			35B
05495		XA313	70		XA313	64			16B	9		SPI022	08	KGND00	01	2	TLD	E1			33A
05496		XA313	64		XA121	20			16B	9		SPI022	09	KGND10	01	2	TLD	E2			30A
05497		XA121	20		XA251	01			16B	9		SPI022	10				RR4	B1			
05498		XA251	01		XA250	22			16B	9		SPI022	11	TMT08N	01	1	TDD	BN			02B
05499		XA250	22		XA251	29			16B	9		SPI022	12	TC02A0	01	5	TS8	B1			12A
05501		XA251	29		XA250	37			16B	9		SPI022	14	TS23BQ	01	1	TDD	FQ			14B
05502		XA250	37		XA249	41			16B	9		SPI022	15	TC03A0	01	5	TS8	C1			18B
05503		XA249	41		XA249	47			16B	9		SPI022	16		01	1	TLD	D3			22B
05504		XA249	47		XA249	48			16B	9		SPI022	17		01	1	TLD	D4			25B
05505		XA249	48		XA251	53			16B	9		SPI022	18		01	1	TLD	D2			22A
05506		XA251	53		XA250	61			16B	9		SPI022	19	TS27BQ	01	1	TDD	KQ			28B
05507		XA250	61		XA249	62			16B	9		SPI022	20	TS4620	01	3	TS8	E1			32B
05508		XA249	62		XA249	59			16B	9		SPI022	21		01	1	TLD	E2			29A
05509		XA249	59		XA249	55			16B	9		SPI022	22		01	1	TLD	E4			31B
05510		XA249	55		XA249	65			16B	9		SPI022	23		01	2	TLD	E3			29B
05511		XA249	65		XA249	70			16B	9		SPI022	24		01	1	TLD	F3			34B
05512		XA249	70		XA249	78			16B	9		SPI022	25		01	2	TLD	E1			33A
05513		XA249	78		XA249	73			16B	9		SPI022	26		01	2	TLD	F4			38A
05515		XA249	73		XA249	79			16B	9		SPI022	28		01	2	TLD	F2			36B
05516		XA249	79		XA251	80			16B	9		SPI022	29		01	2	TLD	F1			39B
05517		XA251	80									SPI022	30	TE11BQ	01	1	TDD	LQ			39A
04169		XA308	54		XA305	55			16B	9		SPI023	005	KSMALO	01	3	T04	D1			25A
05518		XA305	55		XA305	70			16B	9		SPI023	01	TS2000	01	1	T04	E2			29B
05519		XA305	70		XA308	79			16B	9		SPI023	02	TIOIHA	01	4	T04	E1			33A
05520		XA308	79		XA308	62			16B	9		SPI023	03	KMR23S	01	4	T04	F1			39B
05521		XA308	62		XA308	70			16B	9		SPI023	04	KMR22S	01	3	T04	E2			29A
05522		XA308	70		XA308	74			16B	9		SPI023	05	KMR21S	01	4	T04	E1			33A
05523		XA308	74		XA313	77			16B	9		SPI023	06	KMR24S	01	4	T04	F2			35B
05524		XA313	77		XA313	73			16B	9		SPI023	07	KIR21D	01	1	TLD	F1			38B
05561		XA313	73		XA313	68			16B	9		SPI023	075	KIR22D	01	2	TLD	F2			36B
05525		XA313	68		XA313	61			16B	9		SPI023	08	KGND00	01	1	TLD	E1			32A
****												SIGNAL		(SPI023)		IS ON THE		NEXT PAGE		****	

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RECORD NUMBER	FROM			TO			MULTI GROUP	WIRE			SIGNAL	SQ NO	EQUATION	TERM	FACTOR	CKT OR CHIP TYPE	GROUP	LOAD OR POWER PLANE	TEST POINTS AND/OR	SIGNAL DESCRIPTION	ECO NO
	PREFIX	CONNECTOR	PIN	PREFIX	CONNECTOR	PIN		CODE	COLOR	IDENT											
05526		XA313	61		XA313	62		168	9		SPI023	09	KIR120	01	2	TLD	E4		32B		
05527		XA313	62		XA313	48		168	9		SPI023	10	KGND10	01	1	TLD	E2		29A		
05528		XA313	48		XA313	54		168	9		SPI023	11	TACY50	01	1	TLD	O2		22A		
05529		XA313	54		XA313	55		168	9		SPI023	12	TACY40	01	1	TLD	D1		25A		
05530		XA313	55		XA313	49		168	9		SPI023	13	KIR110	01	2	TLD	E3		29B		
05531		XA313	49		XA313	43		168	9		SPI023	14	TACY70	01	2	TLD	D4		26B		
05532		XA313	43		XA313	42		168	9		SPI023	15	TACY60	01	2	TLD	D3		23B		
05533		XA313	42		XA313	36		168	9		SPI023	16	TACY00	01	2	TLD	C1		20A		
05534		XA313	36		XA313	35		168	9		SPI023	17	TACY10	01	2	TLD	C2		17A		
05535		XA313	35		XA313	29		168	9		SPI023	18	TACY30	01	1	TLD	C4		17B		
05536		XA313	29		XA313	25		168	9		SPI023	19	TACY20	01	1	TLD	C3		14B		
05537		XA313	25		XA313	24		168	9		SPI023	20	TACX70	01	2	TLD	B4		12B		
05538		XA313	24		XA313	18		168	9		SPI023	21	TACX40	01	1	TLD	B1		13A		
05539		XA313	18		XA313	19		168	9		SPI023	22	TACX50	01	1	TLD	B2		10A		
05540		XA313	19		XA313	11		168	9		SPI023	23	TACX60	01	2	TLD	B3		09B		
05541		XA313	11		XA313	05		168	9		SPI023	24	TACX30	01	1	TLD	A4		05B		
05542		XA313	05		XA313	03		168	9		SPI023	25	TACX10	01	2	TLD	A2		03B		
05543		XA313	03		XA313	10		168	9		SPI023	26	TACX20	01	1	TLD	A3		02A		
05544		XA313	10		XA310	09		168	9		SPI023	27	TACX00	01	2	TLD	A1		07A		
05545		XA310	09		XA121	26		168	9		SPI023	28		01	1	THI	A5		05B		
05546		XA121	26								SPI023	29				RR4	B2				
14133		XA334	73		XA327	78		168	9		SPI024	00	TMHST0	01	3	TS8	F1		36B	C07	
05547		XA327	78		XA325	56		168	9		SPI024	01	TAWP0A	01	3	TT3	F3		38A		
05548		XA325	56		XA328	42		168	9		SPI024	02	TS102A	01	4	TD4	D1		26A		
05549		XA328	42		XA329	38		168	9		SPI024	03		01	2	TQ2	C1		20A		
05550		XA329	38		XA329	22		168	9		SPI024	04	TC04BP	01	1	TDD	EP		18A		
05551		XA329	22		XA329	06		168	9		SPI024	05	TC02BP	01	1	TDD	CP		12A		
05552		XA329	06		XA325	07		168	9		SPI024	06	TC00BP	01	1	TDD	AP		05A		
05553		XA325	07		XA325	13		168	9		SPI024	07		01	4	TD4	A2		03A		
05554		XA325	13		XA314	11		168	9		SPI024	08		01	4	TD4	A1		06B		
05555		XA314	11		XA317	06		168	9		SPI024	09	TACP3A	01	1	TQ2	A4		05B		
05556		XA317	06		XA317	22		168	9		SPI024	10	TC24BP	01	1	TDD	AP		05A		
05557		XA317	22		XA317	38		168	9		SPI024	11	TC26BP	01	1	TDD	CP		12A		
05558		XA317	38		XA317	52		168	9		SPI024	12	TC28BP	01	1	TDD	EP		18A		
05559		XA317	52		XA313	65		168	9		SPI024	13	TC30BP	01	1	TDD	GP		24A		
05560		XA313	65		XA313	76		168	9		SPI024	14		01	1	TLD	F3		34B		
05562		XA313	76		XA317	75		168	9		SPI024	16		01	1	TLD	F4		37A		
05563		XA317	75		XA317	63		168	9		SPI024	17	TPEBMP	01	1	TDD	LP		37B		
05564		XA317	63		XA321	75		168	9		SPI024	18	TADCAQ	01	1	TDD	JQ		33B		
05566		XA321	75		XA321	66		168	9		SPI024	20	TC22BP	01	1	TDD	LP		37B		
05567		XA321	66		XA321	52		168	9		SPI024	21	TC20BP	01	1	TDD	JP		31A		
05568		XA321	52		XA321	38		168	9		SPI024	22	TC18BP	01	1	TDD	GP		24A		
05569		XA321	38		XA321	22		168	9		SPI024	23	TC16BP	01	1	TDD	EP		18A		
05570		XA321	22		XA321	06		168	9		SPI024	24	TC14BP	01	1	TDD	CP		12A		
05571		XA321	06		XA121	24		168	9		SPI024	25	TC12BP	01	1	TDD	AP		05A		
05572		XA121	24								SPI024	26				RR4	B3				
09915		XA329	15		XA329	63		168	9		SPI025	005	TC00BQ	01	1	TDD	AQ		07B		
09662		XA329	63		XA329	64		168	9		SPI025	01	TC08BQ	01	1	TDD	JQ		33B		
								****	SIGNAL	(SPI025)			IS ON THE			NEXT PAGE		****			

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	PREFIX	CONNECTOR	PIN	WIRE NO	PREFIX	CONNECTOR	PIN	WIRE NO	MULTI GROUP	CODE	COLOR	IDENT												SPEC INST INDEX	
05574		XA329	64		XA330	72				168	9		SPI025	02	TC09BP	01	1	TDD	KP		30A				
05575		XA330	72		XA329	80				168	9		SPI025	03	TI211A	01	2	TS8	F1		34A				
05576		XA329	80		XA335	79				168	9		SPI025	04	TC10BQ	01	1	TDD	LQ		39A				
05577		XA335	79		XA334	74				168	9		SPI025	05		01	2	TQ2	F1		39B				
05578		XA334	74		XA334	60				168	9		SPI025	06	TMHSTO	01	4	TS8	F1		35B				
05579		XA334	60		XA335	55				168	9		SPI025	07	TC01B0	01	2	TS8	E1		28A				
05580		XA335	55		XA335	47				168	9		SPI025	08		01	2	TQ2	E3		29B				
05581		XA335	47		XA333	49				168	9		SPI025	09		01	1	TQ2	D4		25B				
05582		XA333	49		XA333	37				168	9		SPI025	10	TS15EA	01	4	TS8	D1		26B				
05583		XA333	37		XA330	42				168	9		SPI025	11	TS072A	01	5	TS8	C1		18B				
05584		XA330	42		XA330	49				168	9		SPI025	12	TKTSB0	01	8	TS8	C1		20A				
05585		XA330	49		XA329	51				168	9		SPI025	13	TIT110	01	4	TS8	D1		26B				
05586		XA329	51		XA328	40				168	9		SPI025	14	TC06BQ	01	1	TDD	GQ		27B				
05587		XA328	40		XA329	39				168	9		SPI025	15		01	1	TQ2	C1		19A				
05588		XA329	39		XA329	27				168	9		SPI025	16	TC04BQ	01	1	TDD	EQ		19B				
05589		XA329	27		XA330	20				168	9		SPI025	17	TC02BQ	01	1	TDD	CQ		13B				
05590		XA330	20		XA329	04				168	9		SPI025	18		01	4	TS8	B1		11A				
05591		XA329	04		XA325	06				168	9		SPI025	19	TC01BP	01	1	TDD	BP		04A				
05592		XA325	06		XA325	05				168	9		SPI025	20		01	1	TD4	A1		05A				
05593		XA325	05		XA321	15				168	9		SPI025	21		01	3	TD4	A2		03B				
05594		XA321	15		XA321	27				168	9		SPI025	22	TC12BQ	01	1	TDD	AQ		07B				
05595		XA321	27		XA321	39				168	9		SPI025	23	TC14BQ	01	1	TDD	CQ		13B				
05596		XA321	39		XA321	51				168	9		SPI025	24	TC16BQ	01	1	TDD	EQ		19B				
05597		XA321	51		XA321	63				168	9		SPI025	25	TC18BQ	01	1	TDD	GQ		27B				
05598		XA321	63		XA321	80				168	9		SPI025	26	TC20BQ	01	1	TDD	JQ		33B				
05600		XA321	80		XA317	80				168	9		SPI025	28	TC22BQ	01	1	TDD	LQ		39A				
05601		XA317	80		XA313	78				168	9		SPI025	29	TPEBMQ	01	1	TDD	LQ		39A				
05602		XA313	78		XA317	53				168	9		SPI025	30		01	2	TD4	F4		38A				
05603		XA317	53		XA317	51				168	9		SPI025	31	TS3EBQ	01	1	TDD	KQ		28B				
05604		XA317	51		XA317	39				168	9		SPI025	32	TC30BQ	01	1	TDD	GQ		27B				
05605		XA317	39		XA317	27				168	9		SPI025	33	TC28BQ	01	1	TDD	EQ		19B				
05606		XA317	27		XA317	15				168	9		SPI025	34	TC26BQ	01	1	TDD	CQ		13B				
05607		XA317	15		XA121	17				168	9		SPI025	35	TC24BQ	01	1	TDD	AQ		07B				
05608		XA121	17										SPI025	36				RR4	B4						
05609		XA121	19		XA325	01				168	9		SPI026	01				RR4	B5						
05610		XA325	01		XA325	08				168	9		SPI026	02		01	1	TD4	A2		02B				
05611		XA325	08		XA330	25				168	9		SPI026	03		01	2	TD4	A1		06A				
05612		XA330	25		XA329	29				168	9		SPI026	04		01	7	TS8	B1		12B				
05613		XA329	29		XA329	41				168	9		SPI026	05	TC05BQ	01	1	TDD	FQ		14B				
05614		XA329	41		XA321	41				168	9		SPI026	06	TC07BQ	01	1	TDD	HQ		22B				
05615		XA321	41		XA321	53				168	9		SPI026	07	TC19BQ	01	1	TDD	HQ		22B				
05616		XA321	53		XA321	65				168	9		SPI026	08	TC21BQ	01	1	TDD	KQ		28B				
05617		XA321	65		XA416	33				168	9		SPI026	09	TC23BQ	01	1	TDD	MQ		34B				
05618		XA416	33		XA412	50				168	9		SPI026	10	TBRSAOX	01	1	DCF	B4		13B				
05619		XA412	50		XA412	64				168	9		SPI026	11		01	4	TD4	D2		23A				
05620		XA412	64		XA412	66				168	9		SPI026	12		01	4	TD4	E2		30A				
05621		XA412	66		XA412	72				168	9		SPI026	13		01	2	TD4	E1		31A				
05622		XA412	72		XA412	75				168	9		SPI026	14		01	2	TD4	F2		34A				
05623		XA412	75		XA425	79				168	9		SPI026	15		01	1	TD4	F1		37B				
													****	SIGNAL	(SPI026)	IS ON THE NEXT PAGE ****									

DRAWING NUMBER 149019-800
 UNIT ASSEMBLY NAME CARD CAGE ASSY,I/O UNIT

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RECORD NUMBER	FROM			TO			MULTIPLIER	WIRE CODE	WIRE COLOR	IDENT	SIGNAL	SEC NO	EQUATION	TERM	FACTOR	CKT OR EQUIP TYPE	COMP	LOAD OR POWER RELATE	TEST POINTS AND/OR IDENT	SIGNAL DESCRIPTION	ECO NO
	PREFIX	CONNECTOR	PIN	PREFIX	CONNECTOR	PIN															
05624		XA425	79		XA425	72		16B	9		SPI026	16		01	4	TD4	F1		39B		
05625		XA425	72		XA433	63		16B	9		SPI026	17		01	2	TD4	F2		34A		
05626		XA433	63		XA433	51		16B	9		SPI026	18		01	1	TDD	JQ		33B		
05627		XA433	51		XA433	39		16B	9		SPI026	19		01	1	TDD	GQ		27B		
05628		XA433	39		XA433	80		16B	9		SPI026	20		01	1	TDD	EQ		19B		C09
05630		XA433	80		XA437	71		16B	9		SPI026	22		01	1	TDD	LQ		39A		E03
05632		XA437	71		XA441	73		16B	9		SPI026	24		01	1	TD4	F2		36A		
05633		XA441	73		XA444	72		16B	9		SPI026	25		01	3	TD4	F2		36B		
05634		XA444	72		XA444	70		16B	9		SPI026	26		01	2	TS8	F1		34A		
05635		XA444	70		XA444	48		16B	9		SPI026	27		01	8	TS8	E1		33A		
05636		XA444	48		XA444	42		16B	9		SPI026	28		01	3	TS8	D1		22A		
05637		XA444	42		XA349	43		16B	9		SPI026	29	RRQST0	01	8	TS8	C1		20A		
05638		XA349	43		XA547	74		16B	9		SPI026	30		01	1	TD4	D2		23B		
05639		XA547	74		XA540	74		16B	9		SPI026	31		01	1	DCF	D6		37A		
05640		XA540	74		XA534	74		16B	9		SPI026	32		01	1	DCF	D6		37A		
05641		XA534	74		XA527	74		16B	9		SPI026	33		01	1	DCF	D6		37A		
05642		XA527	74		XA521	74		16B	9		SPI026	34		01	1	DCF	D6		37A		
05643		XA521	74								SPI026	35		01	1	DCF	D6		37A		
05644		XA121	36		XA330	22		16B	9		SPI027	01				RR4	C1				
05645		XA330	22		XA330	31		16B	9		SPI027	02		01	5	TS8	E1		12A		
05646		XA330	31		XA330	56		16B	9		SPI027	03	TKTSB0	01	2	TS8	C1		15B		
05647		XA330	56		XA329	52		16B	9		SPI027	04	TIT110	01	8	TS8	D1		26A		
05648		XA329	52		XA329	66		16B	9		SPI027	05	TC06BP	01	1	TDD	GP		24A		
05649		XA329	66		XA329	75		16B	9		SPI027	06	TC08BP	01	1	TDD	JP		31A		
05650		XA329	75		XA330	79		16B	9		SPI027	07	TC10BP	01	1	TDD	LP		37B		
05651		XA330	79		XA334	71		16B	9		SPI027	08	TI211A	01	8	TS8	F1		39B		
05653		XA334	71		XA334	61		16B	9		SPI027	10	TMHST0	01	1	TS8	F1		36A		
05654		XA334	61		XA333	54		16B	9		SPI027	11	TC01B0	01	3	TS8	E1		32B		
05655		XA333	54		XA335	56		16B	9		SPI027	12	TS15EA	01	7	TS8	D1		25A		
05656		XA335	56		XA335	50		16B	9		SPI027	13	TK4AA0	01	2	TQ2	D1		26A		
05657		XA335	50		XA335	42		16B	9		SPI027	14	TK4AB0	01	2	TQ2	D2		23A		
05658		XA335	42		XA335	43		16B	9		SPI027	15	TK3AA0	01	2	TQ2	C1		20A		
05659		XA335	43		XA334	43		16B	9		SPI027	16	TK4AC0	01	2	TQ2	D3		23B		
05660		XA334	43		XA333	42		16B	9		SPI027	17	TDC820	01	1	TS8	D1		23B		
05661		XA333	42		XA334	36		16B	9		SPI027	18	TS072A	01	8	TS8	C1		20A		
05662		XA334	36		XA335	35		16B	9		SPI027	19	TDC620	01	4	TS8	C1		17A		
05663		XA335	35		XA335	36		16B	9		SPI027	20	KOR130	01	1	TQ2	C4		17B		
05664		XA335	36		XA335	31		16B	9		SPI027	21	TK3AB0	01	2	TQ2	C2		17A		
05665		XA335	31		XA335	23		16B	9		SPI027	22	TK3AC0	01	2	TQ2	C3		15B		
05666		XA335	23		XA334	24		16B	9		SPI027	23	KOR120	01	1	TQ2	B4		11B		
05667		XA334	24		XA335	19		16B	9		SPI027	24	TDC610	01	6	TS8	B1		13A		
05668		XA335	19		XA335	20		16B	9		SPI027	25	TK2AC0	01	2	TQ2	B3		09B		
05669		XA335	20		XA335	26		16B	9		SPI027	26	TK2AB0	01	2	TQ2	B2		11A		
05670		XA335	26		XA335	10		16B	9		SPI027	27	TK2AA0	01	2	TQ2	B1		14A		
05671		XA335	10		XA334	10		16B	9		SPI027	28	TK1AA0	01	2	TQ2	A1		07A		
05672		XA334	10		XA335	07		16B	9		SPI027	29	TDC420	01	7	TS8	A1		07A		
05673		XA335	07		XA335	05		16B	9		SPI027	30	TK1AC0	01	2	TQ2	A3		03A		
05674		XA335	05		XA335	11		16B	9		SPI027	31	TK1AB0	01	2	TQ2	A2		03B		
05675		XA335	11								SPI027	32	KOR110	01	1	TQ2	A4		05B		

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RECORD NUMBER	FROM				TO				WIRE		SIGNAL	SQ NO	EQUATION	TERM	FAC	CKT OR CHM TYPE	WOP	LOAD OR POWER PLANE	TEST POINTS AND DE	SIGNAL DESCRIPTION	ECO NO
	PREFIX	CONNECTOR	PIN	DRILL	PREFIX	CONNECTOR	PIN	DRILL	MULT GROUP	CODE											
05724		XA338	49		XA338	50			168	9		SPI029	16		01 2	TQ2	D4		26B		
05725		XA338	50		XA338	56			168	9		SPI029	17	TK4ABA	01 2	TQ2	D2		23A		
05726		XA338	56		XA338	55			168	9		SPI029	18	TK4AAA	01 2	TQ2	D1		26A		
05727		XA338	55		XA338	61			168	9		SPI029	19	TK3DAA	01 2	TQ2	E3		29B		
05728		XA338	61		XA338	64			168	9		SPI029	20	TK4DAA	01 2	TQ2	E4		32B		
05729		XA338	64		XA338	76			168	9		SPI029	21	TK2DAA	01 2	TQ2	E2		30A	005	
05731		XA338	76		XA338	74			168	9		SPI029	23		01 1	TQ2	F4		37A		
05732		XA338	74		XA338	77			168	9		SPI029	24		01 2	TQ2	F3		35B	005	
05734		XA338	77		XA335	77			168	9		SPI029	26		01 1	TQ2	F1		38B		
05735		XA335	77		XA335	70			168	9		SPI029	27		01 1	TQ2	F1		38B	005	
05737		XA335	70		XA335	64			168	9		SPI029	29	TK10A0	01 2	TQ2	E1		33A		
05738		XA335	64		XA335	65			168	9		SPI029	30	TK2DA0	01 2	TQ2	E2		30A		
05739		XA335	65		XA335	61			168	9		SPI029	31		01 1	TQ2	F3		34B		
05740		XA335	61		XA335	53			168	9		SPI029	32	TK4DA0	01 2	TQ2	E4		32B		
05741		XA335	53		XA335	49			168	9		SPI029	33		01 1	TQ2	E3		28B		
05742		XA335	49									SPI029	34		01 2	TQ2	D4		26B		
05743		XA121	25		XA338	23			168	9		SPI030	01			RR4	C4				
05744		XA338	23		XA344	20			168	9		SPI030	02		01 1	TQ2	B4		11B		
05745		XA344	20		XA348	04			168	9		SPI030	03	TS0020	01 4	TS8	B1		11A		
05746		XA348	04		XA347	03			168	9		SPI030	04		01 1	TLD	A2		04A		
05747		XA347	03		XA347	17			168	9		SPI030	05	TS10BQ	01 1	TDD	BQ		02A		
05748		XA347	17		XA347	29			168	9		SPI030	06	TS12BQ	01 1	TDD	DQ		08B		
05749		XA347	29		XA250	79			168	9		SPI030	07	TS14BQ	01 1	TDD	FQ		14B		
16235		XA250	79		XA351	35			168	9		SPI030	08	TERS00	01 8	TS8	F1		39B	005	
05751		XA351	35		XA351	48			168	9		SPI030	09		01 2	TT3	C3		17B		
05752		XA351	48		XA349	46			168	9		SPI030	10		01 3	TT3	D2		22A		
05753		XA349	46		XA347	53			168	9		SPI030	11		01 2	TD4	D2		21A		
05754		XA347	53		XA347	41			168	9		SPI030	12	TS18BQ	01 1	TDD	KQ		28B		
05755		XA347	41		XA344	42			168	9		SPI030	13	TS16BQ	01 1	TDD	HQ		22B		
05756		XA344	42		XA344	48			168	9		SPI030	14	TS0700	01 8	TS8	C1		20A		
05757		XA344	48		XA344	60			168	9		SPI030	15	TS1070	01 3	TS8	O1		22A		
05758		XA344	60		XA346	61			168	9		SPI030	16	TS1100	01 2	TS8	E1		28A		
05759		XA346	61		XA342	52			168	9		SPI030	17		01 2	TQ2	E4		32B		
15747		XA342	52		XA338	47			168	9		SPI030	18		01 1	TH1	D1		26A		
05761		XA338	47		XA338	37			168	9		SPI030	19		01 1	TQ2	D4		25B		
05762		XA338	37		XA339	41			168	9		SPI030	20		01 2	TQ2	C4		18B		
05763		XA339	41		XA339	53			168	9		SPI030	21	TS04BQ	01 1	TDD	HQ		22B		
05764		XA339	53		XA339	65			168	9		SPI030	22	TS06BQ	01 1	TDD	KQ		28B		
05765		XA339	65		XA338	65			168	9		SPI030	23	TS08BQ	01 1	TDD	MQ		34B		
05766		XA338	65		XA338	78			168	9		SPI030	24		01 1	TQ2	F3		34B	005	
05769		XA338	78		XA338	79			168	9		SPI030	27		01 2	TQ2	F4		38A		
05770		XA338	79		XA335	74			168	9		SPI030	28		01 2	TQ2	F1		39B	005	
05772		XA335	74		XA405	03			168	9		SPI030	30		01 2	TQ2	F3		35B		
05773		XA405	03		XA405	17			168	9		SPI030	31	RTCNIQ	01 1	TDD	BQ		02A		
05774		XA405	17		XA405	29			168	9		SPI030	32	RTCN3Q	01 1	TDD	DQ		08B		
05775		XA405	29		XA405	41			168	9		SPI030	33	RTCN9Q	01 1	TDD	FQ		14B		
05776		XA405	41		XA405	53			168	9		SPI030	34	RTCN5Q	01 1	TDD	HQ		22B		
05777		XA405	53		XA405	65			168	9		SPI030	35	RTCN6Q	01 1	TDD	KQ		28B		
05778		XA405	65		XA407	48			168	9		SPI030	36	TINDCQ	01 1	TDD	MQ		34B		
									****		SIGNAL	(SPI030)								IS ON THE	
																				NEXT PAGE	****

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RECORD NUMBER	FROM			TO			WIRE				SIGNAL	SEQ NO	EQUATION	SERIES	CUT OR CHG TYPE	UMAF	USE THE FOLLOWING PLANE	ELECT POINTS AND DR	SIGNAL DESCRIPTION	ECC NO				
	PREFIX	CONNECTOR	PIN	PREFIX	CONNECTOR	PIN	MULTI GROUP	CODE	COLOR	IDENT														
05779		XA407	48									SPI030	37		01	1	TQ2	D2	22A					
05780		XA405	39	XA405	27			168	9			SPI031	01	RTCN4Q	01	1	TDD	EQ	19B					
05781		XA405	27	XA405	15			168	9			SPI031	02	RTCN2Q	01	1	TDD	CQ	13B					
05782		XA405	15	XA339	80			168	9			SPI031	03	RTRQ2Q	01	1	TDD	AQ	07B					
05783		XA339	80	XA339	63			168	9			SPI031	04	TS07BQ	01	1	TDD	LQ	39A					
05784		XA339	63	XA340	59			168	9			SPI031	05	TS05BQ	01	1	TDD	JQ	33B					
05785		XA340	59	XA339	51			168	9			SPI031	06	TS022A	01	2	TT3	E3	31B					
05786		XA339	51	XA341	50			168	9			SPI031	07	TS03BQ	01	1	TDD	GQ	27B					
05787		XA341	50	XA343	53			168	9			SPI031	08	TS00AA	01	2	TQ2	D2	23A					
05788		XA343	53	XA344	55			168	9			SPI031	09	TS211A	01	1	TT3	E2	28B					
05789		XA344	55	XA344	54			168	9			SPI031	10	TS110J	01	1	TS8	E1	29B					
05790		XA344	54	XA346	59			168	9			SPI031	11	TS1070	01	7	TS8	D1	25A					
05791		XA346	59	XA347	63			168	9			SPI031	12		01	1	TQ2	E4	31B					
05792		XA347	63	XA346	70			168	9			SPI031	13	TS17BQ	01	1	TDD	JQ	33B					
05793		XA346	70	XA346	76			168	9			SPI031	14	TD005A	01	2	TQ2	E1	33A					
05794		XA346	76	XA347	80			168	9			SPI031	15	KMR06A	01	1	TQ2	F4	37A					
05795		XA347	80	XA347	51			168	9			SPI031	16	TS19BQ	01	1	TDD	LQ	39A					
05796		XA347	51	XA347	39			168	9			SPI031	17	TS15BQ	01	1	TDD	GQ	27B					
05797		XA347	39	XA347	27			168	9			SPI031	18	TS13BQ	01	1	TDD	EQ	19B					
05798		XA347	27	XA347	15			168	9			SPI031	19	TS11BQ	01	1	TDD	CQ	13B					
05799		XA347	15	XA348	05			168	9			SPI031	20	TS09BQ	01	1	TDD	AQ	07B					
05800		XA348	05	XA351	01			168	9			SPI031	21		01	2	TLD	A2	03B					
05801		XA351	01	XA351	13			168	9			SPI031	22	TTDM00	01	1	TT3	A2	02B					
05802		XA351	13	XA351	18			168	9			SPI031	23	TTDM10	01	3	TT3	A3	06B					
05803		XA351	18	XA351	26			168	9			SPI031	24	TTDM30	01	3	TT3	B2	10A					
05804		XA351	26	XA351	25			168	9			SPI031	25	TTDM20	01	3	TT3	B1	14A					
05805		XA351	25	XA351	33			168	9			SPI031	26	TTDM40	01	3	TT3	B3	12B					
05807		XA351	33	XA351	38			168	9			SPI031	28		01	1	TT3	C3	16B					
05808		XA351	38	XA351	46			168	9			SPI031	29	TXAUCA	01	1	TT3	C1	18A					
05809		XA351	46	XA349	48			168	9			SPI031	30		01	2	TT3	D2	21A					
05810		XA349	48	XA344	36			168	9			SPI031	31		01	3	TQ4	D2	22A					
05811		XA344	36	XA342	36			168	9			SPI031	32	TS0700	01	4	TS8	C1	17A					
05812		XA342	36	XA342	39			168	9			SPI031	33	TPGNDA	01	1	THI	C3	16A					
05813		XA342	39	XA344	25			168	9			SPI031	34		01	1	THI	C6	19B					
05814		XA344	25	XA342	11			168	9			SPI031	35	TS0020	01	7	TS8	B1	12B					
05815		XA342	11	XA121	29			168	9			SPI031	36		01	1	THI	A1	07A					
05816		XA121	29									SPI031	37				RR4	C5						
05817		XA121	42	XA421	08			168	9			SPI032	01				RR4	D1						
05818		XA421	08	XA424	13			168	9			SPI032	02		01	1	ACF	A3	05B					
05819		XA424	13	XA423	76			168	9			SPI032	03	TDI2A0	01	8	TS8	A1	06B					
05820		XA423	76	XA423	74			168	9			SPI032	04		01	1	TQ2	F4	37A					
05821		XA423	74	XA423	73			168	9			SPI032	05		01	2	TQ2	F3	35B					
05822		XA423	73	XA423	59			168	9			SPI032	06		01	2	TQ2	F2	36B					
05823		XA423	59	XA421	43			168	9			SPI032	07		01	1	TQ2	E4	31B					
05825		XA421	43	XA421	41			168	9			SPI032	09		01	1	ACF	E2	23A					
05826		XA421	41	XA421	37			168	9			SPI032	10	YSN1CHX	01	1	ACF	B2	22A					
05827		XA421	37	XA416	36			168	9			SPI032	11		01	1	ACF	D2	18A					
05828		XA416	36	XA415	05			168	9			SPI032	12	TINDADX4	01	1	DCF	B1	13A					
												****	SIGNAL	(SPI032)	IS ON THE NEXT PAGE ****									

DRAWING NUMBER		149019-800		STRING		UNIT ASSEMBLY NO.		149019		REV		G		INDEX		SP1032				
UNIT ASSEMBLY NAME		CARD CAGE		ASSY, I/O UNIT		PART IDENT		T39B1UX2		DATE		09-33-82		PAGE		77				
RECORD NUMBER	PREFIX	CONNECTOR	PIN	PREFIX	CONNECTOR	PIN	WIRE	GROUP	CODE	COLOR	IDENT	SIGNAL	EQ NO	EQUATION	Y	Z	LET	TEST POINTS	SIGNAL DESCRIPTION	EQ NO
05829		XA415	05		XA415	19			168	9		SPI032	13	TDDISA	01	2	TQ2	A2	03B	
05830		XA415	19		XA415	20			168	9		SPI032	14	TTSDMO	01	2	TQ2	B3	09B	
05831		XA415	20		XA415	26			168	9		SPI032	15	TTSCMO	01	2	TQ2	B2	11A	
05832		XA415	26		XA415	25			168	9		SPI032	16	TTSBMO	01	2	TQ2	B1	14A	
05833		XA415	25		XA415	43			168	9		SPI032	17	TCSXMO	01	2	TQ2	B4	12B	
05834		XA415	43		XA412	46			168	9		SPI032	18	TRQ7A0	01	2	TQ2	D3	23B	
05835		XA412	46		XA412	55			168	9		SPI032	19		01	2	TD4	D2	21A	
05836		XA412	55		XA412	68			168	9		SPI032	20		01	1	TD4	E2	29B	
05837		XA412	68		XA412	74			168	9		SPI032	21		01	3	TD4	E1	32A	
05838		XA412	74		XA412	78			168	9		SPI032	22		01	4	TD4	F2	35B	
05839		XA412	78		XA414	76			168	9		SPI032	23		01	3	TD4	F1	38A	D31
05841		XA414	76		XA414	71			168	9		SPI032	25		01	2	TT3	F3	37A	
05842		XA414	71		XA406	73			168	9		SPI032	26		01	2	TT3	F2	36A	
05843		XA406	73		XA405	80			168	9		SPI032	27		01	1	TH1	F2	37B	
05844		XA405	80		XA405	63			168	9		SPI032	28	TSSGAQ	01	1	TDD	LQ	39A	
05845		XA405	63		XA405	51			168	9		SPI032	29	RTCN8Q	01	1	TDD	JQ	33B	
05846		XA405	51		XA407	37			168	9		SPI032	30	RTCN7Q	01	1	TDD	GQ	27B	C10
05848		XA407	37		XA407	29			168	9		SPI032	32	TMDCCO	01	2	TQ2	C4	18B	
05849		XA407	29		XA407	34			168	9		SPI032	33	TMDCBO	01	1	TQ2	C3	14B	
05850		XA407	34		XA407	50			168	9		SPI032	34	TMCA0	01	1	TQ2	C2	16A	
05851		XA407	50		XA414	77			168	9		SPI032	35		01	2	TQ2	D2	23A	E01
05840		XA414	77									SPI032	36	TEB270	01	2	TT3	F1	38B	E01
05852		XA416	31		XA412	48			168	9		SPI033	01	TINDA0X	01	1	DCF	B2	12B	
05853		XA412	48		XA412	62			168	9		SPI033	02		01	3	TD4	D2	22A	
05854		XA412	62		XA412	61			168	9		SPI033	03		01	3	TD4	E2	29A	
05855		XA412	61		XA412	73			168	9		SPI033	04		01	1	TD4	E1	32B	
05856		XA412	73		XA412	77			168	9		SPI033	05		01	3	TD4	F2	36B	
05857		XA412	77		XA414	79			168	9		SPI033	06		01	2	TD4	F1	38B	
05858		XA414	79		XA414	69			168	9		SPI033	07		01	3	TT3	F1	39B	
05859		XA414	69		XA414	72			168	9		SPI033	08		01	1	TT3	F3	35A	
05860		XA414	72		XA421	71			168	9		SPI033	09		01	3	TT3	F2	34A	D03
05861		XA421	71		XA421	68			168	9		SPI033	10		01	1	ACF	D3	36B	
05862		XA421	68		XA421	66			168	9		SPI033	11		01	1	ACF	E3	36A	
05863		XA421	66		XA421	64			168	9		SPI033	12	YSNICTX	01	1	ACF	B3	34B	
05824		XA421	64		XA423	61			168	9		SPI033	125	YSN2CTX	01	1	ACF	C3	34A	
05864		XA423	61		XA423	65			168	9		SPI033	13		01	2	TQ2	E4	32B	
05865		XA423	65		XA423	71			168	9		SPI033	14		01	1	TQ2	F3	34B	
05866		XA423	71		XA424	79			168	9		SPI033	15		01	1	TQ2	F2	36A	
05867		XA424	79		XA423	78			168	9		SPI033	16	TD1200	01	8	TS8	F1	39B	
05868		XA423	78		XA425	77			168	9		SPI033	17		01	2	TQ2	F4	38A	
05869		XA425	77		XA425	71			168	9		SPI033	18		01	2	TD4	F1	38B	
05870		XA425	71		XA424	66			168	9		SPI033	19		01	1	TD4	F2	36A	
05871		XA424	66		XA427	68			168	9		SPI033	20	TD1100	01	6	TS8	E1	31A	
05872		XA427	68		XA427	62			168	9		SPI033	21		01	1	TLD	E1	32A	
05873		XA427	62		XA427	49			168	9		SPI033	22		01	1	TLD	E2	29A	
05874		XA427	49		XA424	56			168	9		SPI033	23		01	2	TLD	D4	26B	
05875		XA424	56		XA424	42			168	9		SPI033	24	TD15A0	01	8	TS8	D1	26A	
05876		XA424	42		XA424	25			168	9		SPI033	25	TD14A0	01	8	TS8	C1	20A	
05877		XA424	25		XA427	23			168	9		SPI033	26	TD13A0	01	7	TS8	B1	12B	
									****		SIGNAL	(SPI033)		S ON THE			NEXT PAGE	****		

DRAWING NUMBER 149019-800
UNIT ASSEMBLY NAME CARD CAGE ASSY, I/O UNIT

STRING

UNIT ASSEMBLY NO. 149019
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RECORD NUMBER	FROM				TO				WIRE				SIGNAL	SEC NO	EQUATION	TERMINAL	CAT OR CHIP TYPE	GROUP	LOAD OR POWER PLANE	TEST POINTS OR ANCHOR	SIGNAL DESCRIPTION	ECO NO	
	PREFIX	CONNECTOR	PIN	TO OR FROM	PREFIX	CONNECTOR	PIN	TO OR FROM	MULTI GROUP	CODE	COLOR	IDENT											SPEC
05878		XA427	23			XA427	19				168	9		SPI033	27		01 1	TLD	B4		11B		
05879		XA427	19			XA427	18				168	9		SPI033	28		01 2	TLD	B3		09B		
05880		XA427	18			XA424	08				168	9		SPI033	29		01 1	TLD	B2		10A		
05881		XA424	08			XA421	05				168	9		SPI033	30	TDI2A0	01 6	TS8	A1		06A		
05882		XA421	05			XA121	46				168	9		SPI033	31		01 2	ACF	A3		04B		
05883		XA121	46											SPI033	32			RR4	D2				
05884		XA121	35			XA428	05				168	9		SPI034	01			RR4	D3				
05885		XA428	05			XA427	10				168	9		SPI034	02	TEGNDA	01 1	THI	A4		03B		
05886		XA427	10			XA427	11				168	9		SPI034	03	JEIG8D	01 2	TLD	A1		07A		
03786		XA427	11			XA428	11				168	9		SPI034	035		01 1	TLD	A4		05B		
05887		XA428	11			XA428	17				168	9		SPI034	04	TDGND A	01 1	THI	A1		07A		
05888		XA428	17			XA428	21				168	9		SPI034	05		01 1	THI	B4		09B		
05889		XA428	21			XA427	20				168	9		SPI034	06		01 1	THI	B5		11B		
05890		XA427	20			XA427	17				168	9		SPI034	07		01 2	TLD	B2		11A		
05891		XA427	17			XA427	25				168	9		SPI034	08		01 1	TLD	B3		08B		
05892		XA427	25			XA427	26				168	9		SPI034	09		01 2	TLD	B4		12B		
05893		XA427	26			XA428	29				168	9		SPI034	10	JSQ2A04	01 2	TLD	B1		14A		
05894		XA428	29			XA428	36				168	9		SPI034	11		01 1	THI	C4		15B		
05895		XA428	36			XA427	47				168	9		SPI034	12		01 1	THI	C3		16A		
05896		XA427	47			XA427	53				168	9		SPI034	13		01 1	TLD	D4		25B		
05897		XA427	53			XA427	61				168	9		SPI034	14		01 1	TLD	E3		28B		
05898		XA427	61			XA427	64				168	9		SPI034	15		01 2	TLD	E4		32B		
05899		XA427	64			XA427	70				168	9		SPI034	16		01 2	TLD	E2		30A		
05900		XA427	70			XA427	74				168	9		SPI034	17		01 2	TLD	E1		33A		
05901		XA427	74			XA427	76				168	9		SPI034	18		01 2	TLD	F3		35B		
05902		XA427	76			XA427	77				168	9		SPI034	19		01 1	TLD	F4		37A		
05903		XA427	77			XA426	76				168	9		SPI034	20		01 1	TLD	F1		38B		
05904		XA426	76			XA426	74				168	9		SPI034	21		01 1	THI	F5		37A		
05905		XA426	74			XA427	71				168	9		SPI034	22		01 1	THI	F4		35A		
05906		XA427	71			XA426	75				168	9		SPI034	23		01 1	TLD	F2		36A		
05907		XA426	75			XA425	74				168	9		SPI034	24		01 1	THI	F6		39A		
05908		XA425	74			XA425	75				168	9		SPI034	25		01 4	TD4	F2		35B		
05909		XA425	75			XA424	77				168	9		SPI034	26		01 1	TD4	F1		37B		
05910		XA424	77			XA424	68				168	9		SPI034	27	TD1200	01 6	TS8	F1		38B		
05911		XA424	68			XA424	54				168	9		SPI034	28	TD1100	01 7	TS8	F1		32A		
05912		XA424	54			XA426	51				168	9		SPI034	29	TD15A0	01 7	TS8	D1		25A		
05913		XA426	51			XA424	40				168	9		SPI034	30		01 1	THI	D6		27B		
05914		XA424	40			XA424	26				168	9		SPI034	31	TDI4A0	01 7	TS8	C1		19A		
05915		XA424	26			XA426	27				168	9		SPI034	32	TDI3A0	01 8	TS8	B1		14A		
05916		XA426	27			XA428	35				168	9		SPI034	33		01 1	THI	B6		13B		
09891		XA428	35											SPI034	34		01 1	THI	C2		18A		
10783		XA439	06			XA437	74				168	9		SPI035	00		01 1	THI	A2		05A	C10	
05917		XA437	74			XA436	65				168	9		SPI035	01		01 4	TD4	F2		35B	E03	
12943		XA436	65			XA440	77				168	9		SPI035	02		01 1	TT3	F2		34B	E03	
05919		XA440	77			XA440	74				168	9		SPI035	03		01 1	TQ2	F1		38B		
05920		XA440	74			XA440	64				168	9		SPI035	04		01 2	TQ2	F3		35B		
05921		XA440	64			XA440	48				168	9		SPI035	05		01 2	TQ2	E2		30A		
05922		XA440	48			XA440	41				168	9		SPI035	06		01 1	TQ2	D2		22A		
												****	SIGNAL (SPI035)		IS ON THE	NEXT PAGE	****						

DRAWING NUMBER 149019-800
 UNIT ASSEMBLY NAME CARD CAGE ASSY, I/O UNIT

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UNIT ASSEMBLY NO. 149019
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	PREFIX	CONNECTOR	PIN	DR. FC	PREFIX	CONNECTOR	PIN	DR. FC	MULTI GROUP	CODE												COLOR
05923		XA440	41		XA440	35				168	9		SPI035	07	01	1	TQ2	D3	22B			
05924		XA440	35		XA440	23				168	9		SPI035	08	01	1	TQ2	C4	17B			
05925		XA440	23		XA440	26				168	9		SPI035	09	01	1	TQ2	B4	11B			
05926		XA440	26		XA440	18				168	9		SPI035	10	01	2	TQ2	B1	14A			
05927		XA440	18		XA440	17				168	9		SPI035	11	01	1	TQ2	B2	10A			
05928		XA440	17		XA436	11				168	9		SPI035	12	01	1	TQ2	B3	08B			
05929		XA436	11		XA434	09				168	9		SPI035	13	01	2	TT3	A3	05B			
05930		XA434	09		XA433	15				168	9		SPI035	14	01	1	TT3	A3	04B			
05931		XA433	15		XA433	42				168	9		SPI035	15	01	1	TDD	AQ	07B		C09	
05933		XA433	42		XA432	40				168	9		SPI035	17	01	1	TDD	EN	20A			
05934		XA432	40		XA432	56				168	9		SPI035	18	01	7	TS8	C1	19A			
05935		XA432	56		XA433	56				168	9		SPI035	19	01	8	TS8	D1	26A			
05936		XA433	56		XA433	70				168	9		SPI035	20	01	1	TDD	GN	26A			
05937		XA433	70		XA433	79				168	9		SPI035	21	01	1	TDD	JN	33A			
05938		XA433	79		XA427	78				168	9		SPI035	22	01	1	TDD	LN	39B		C11	
05940		XA427	78		XA427	79				168	9		SPI035	24	01	2	TLD	F4	38A			
05941		XA427	79		XA427	73				168	9		SPI035	25	01	2	TLD	F1	39B			
05942		XA427	73		XA427	65				168	9		SPI035	26	01	2	TLD	F2	36B			
05943		XA427	65		XA427	59				168	9		SPI035	27	01	1	TLD	F3	34B			
05944		XA427	59		XA427	55				168	9		SPI035	28	01	1	TLD	E4	31B			
05945		XA427	55		XA121	37				168	9		SPI035	29	01	2	TLD	E3	29B			
05946		XA121	37										SPI035	30			RR4	D4				
05947		XA428	69		XA428	74				168	9		SPI036	01	01	1	THI	F3	35B			
05948		XA428	74		XA433	77				168	9		SPI036	02	01	1	THI	F4	35A			
05949		XA433	77		XA432	74				168	9		SPI036	03	01	1	TDD	LI	38B			
05950		XA432	74		XA433	68				168	9		SPI036	04	01	4	TS8	F1	35B			
05951		XA433	68		XA433	54				168	9		SPI036	05	01	1	TDD	J1	32A			
05952		XA433	54		XA432	54				168	9		SPI036	06	01	1	TDD	G1	25A			
05953		XA432	54		XA432	42				168	9		SPI036	07	01	7	TS8	D1	25A			
05954		XA432	42		XA433	40				168	9		SPI036	08	01	8	TS8	C1	20A			
05955		XA433	40		XA436	37				168	9		SPI036	09	01	1	TDD	E1	19A			
05956		XA436	37		XA440	37				168	9		SPI036	10	01	3	TT3	C3	18B			
05957		XA440	37		XA440	43				168	9		SPI036	11	01	2	TQ2	C4	18B			
05958		XA440	43		XA440	50				168	9		SPI036	12	01	2	TQ2	D3	23B			
05959		XA440	50		XA440	62				168	9		SPI036	13	01	2	TQ2	D2	23A			
05960		XA440	62		XA440	65				168	9		SPI036	14	01	1	TQ2	E2	29A			
05961		XA440	65		XA439	61				168	9		SPI036	15	01	1	TQ2	F3	34B			
05962		XA439	61		XA436	62				168	9		SPI036	16	01	1	THI	E2	31A			
05963		XA436	62		XA436	61				168	9		SPI036	17	01	3	TT3	E2	29A			
05964		XA436	61		XA436	70				168	9		SPI036	18	01	3	TT3	E3	32B			
05965		XA436	70		XA437	72				168	9		SPI036	19	01	3	TT3	E1	33A			
05966		XA437	72		XA436	71				168	9		SPI036	20	01	2	TD4	F2	34A		E03	
12938		XA436	71		XA440	79				168	9		SPI036	21	01	2	TT3	F2	36A		E03	
05968		XA440	79		XA441	56				168	9		SPI036	22	01	2	TQ2	F1	39B			
05969		XA441	56		XA441	42				168	9		SPI036	23	01	4	TD4	D1	26A			
05970		XA441	42		XA441	36				168	9		SPI036	24	01	4	TD4	C1	20A			
05971		XA441	36		XA441	20				168	9		SPI036	25	01	4	TD4	C2	17A			
05972		XA441	20		XA440	20				168	9		SPI036	26	01	4	TD4	B2	11A			
05973		XA440	20		XA440	19				168	9		SPI036	27	01	2	TQ2	B2	11A			
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UNIT ASSEMBLY NAME		CARD CAGE ASSY, I/O UNIT										FILE IDENT		T398JUX2		DATE		09-03-82		PAGE		80			
RECORD NUMBER	FROM			TO			WIRE			MULTI GROUP	CODE	COLOR	IDENT	SIGNAL	SEQ NO	EQUATION	TERM	FACTOR	CKT OR CHIP TYPE	QUANT	LOAD OR POWER PLANE	TEST POINTS AND OR	SIGNAL DESCRIPTION	ECO NO	
	PREFIX	CONNECTOR	PIN	PREFIX	CONNECTOR	PIN	SH TC	SH FC	SH TC																
05974		XA440	19		XA440	25								SPI036	28			01 2	TQ2	B3				09B	
05975		XA440	25		XA440	24								SPI036	29			01 2	TQ2	B4				12B	
05976		XA440	24		XA436	09								SPI036	30			01 1	TQ2	B1				13A	
05977		XA436	09		XA434	13								SPI036	31			01 1	TT3	A3				04B	
05978		XA434	13		XA433	08								SPI036	32			01 3	TT3	A3				06B	
05979		XA433	08		XA432	26								SPI036	33	TBSTOI		01 1	TDD	A1				06A	
05981		XA432	26		XA121	39								SPI036	35	XMR6WA		01 8	TS8	B1				14A	
05982		XA121	39											SPI036	36				RR4	D5					
05983		XA121	52		XA434	11								SPI037	01				RR4	E1					
05984		XA434	11		XA436	13								SPI037	02			01 2	TT3	A3				05B	
05985		XA436	13		XA444	37								SPI037	03			01 3	TT3	A3				06B	
05986		XA444	37		XA444	56								SPI037	04	RRQSTO		01 5	TS8	C1				18B	
05987		XA444	56		XA444	61								SPI037	05			01 8	TS8	D1				26A	
05988		XA444	61		XA445	78								SPI037	06			01 3	TS8	E1				32B	
05989		XA445	78		XA445	79								SPI037	07			01 3	TT3	F3				38A	
05990		XA445	79		XA444	75								SPI037	08			01 3	TT3	F1				39B	
05991		XA444	75		XA441	74								SPI037	09			01 5	TS8	F1				37B	
05992		XA441	74		XA442	65								SPI037	10			01 4	TQ4	F2				35B	
05993		XA442	65		XA433	66								SPI037	11	RTCN00		01 1	TDD	MQ				34B	
05994		XA433	66		XA433	75								SPI037	12			01 1	TDD	JP				31A	
05995		XA433	75		XA437	73								SPI037	13			01 1	TDD	LP				37B	
05996		XA437	73		XA436	72								SPI037	14			01 3	TQ4	F2				36B	
12929		XA436	72		XA535	50								SPI037	15			01 3	TT3	F2				E03	
05998		XA535	50		XA541	50								SPI037	16			01 1	DCF	C8				28A	
05999		XA541	50		XA548	50								SPI037	17			01 1	DCF	C8				28A	
06000		XA548	50		XA549	78								SPI037	18			01 1	DCF	C8				28A	
06001		XA549	78		XA547	73								SPI037	19			01 3	TT3	F3				38A	
06002		XA547	73		XA542	78								SPI037	20			01 1	DCF	D4				35B	
06003		XA542	78		XA540	73								SPI037	21			01 3	TT3	F3				38A	
06004		XA540	73		XA536	78								SPI037	22			01 1	DCF	D4				35B	
06005		XA536	78		XA534	73								SPI037	23			01 3	TT3	F3				38A	
06006		XA534	73		XA529	78								SPI037	24			01 1	DCF	D4				35B	
06007		XA529	78		XA527	73								SPI037	25			01 3	TT3	F3				38A	
06008		XA527	73		XA528	50								SPI037	26			01 1	DCF	D4				35B	
06009		XA528	50		XA522	50								SPI037	27			01 1	DCF	C8				28A	
06010		XA522	50		XA521	73								SPI037	28			01 1	DCF	C8				28A	
06011		XA521	73		XA523	78								SPI037	29			01 1	DCF	D4				35B	
06012		XA523	78		XA516	69								SPI037	30			01 3	TT3	F3				38A	
06013		XA516	69											SPI037	31			01 1	TT3	F3				35A	
06014		XA444	62		XA444	78								SPI038	01			01 4	TS8	F1				29A	
06015		XA444	78		XA445	76								SPI038	02			01 7	TS8	F1				38A	
06016		XA445	76		XA445	75								SPI038	03			01 2	TT3	F3				37A	
06017		XA445	75		XA443	76								SPI038	04			01 1	TT3	F1				37B	
06018		XA443	76		XA443	73								SPI038	05			01 1	TQ2	F4				37A	
06019		XA443	73		XA443	79								SPI038	06			01 2	TQ2	F2				36B	
06020		XA443	79		XA442	77								SPI038	07			01 2	TQ2	F1				39B	
06021		XA442	77		XA441	75								SPI038	08	RSWRQI		01 1	TDD	LI				38B	
06022		XA441	75		XA441	71								SPI038	09	RTCT00		01 1	TQ4	F1				37B	

**** SIGNAL (SPI038) IS ON THE NEXT PAGE ****

DRAWING NUMBER 149019-800
 UNIT ASSEMBLY NAME CARD CAGE ASSY, I/O UNIT

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UNIT ASSEMBLY NO. 149019
 FILE IDENT T398IUX2

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RECORD NUMBER	FROM				TO				WIRE				SIGNAL	SEQ NO	EQUATION	TERM	CKT OR CHIP TYPE	LOAD OR POWER PLANE	TEST POINTS AND/OR	SIGNAL DESCRIPTION	ECO NO
	PREFIX	CONNECTOR	PIN	DR. L.	PREFIX	CONNECTOR	PIN	DR. L.	MULTI GROUP	CODE	COLOR	IDENT									
06023		XA441	71			XA441	70			16B	9		SPI038	10		01 1	TD4	F2	36A		
06024		XA441	70			XA441	64			16B	9		SPI038	11	TCS6AA	01 4	TD4	E1	33A		
06025		XA441	64			XA442	63			16B	9		SPI038	12	TCS7AA	01 4	TD4	E2	30A		
06026		XA442	63			XA442	51			16B	9		SPI038	13	RTRQ00	01 1	TDD	JQ	33B		
06030		XA442	51			XA441	50			16B	9		SPI038	17	TA06BQ	01 1	TDD	GQ	27B		
06031		XA441	50			XA442	39			16B	9		SPI038	18	TCS5AA	01 4	TD4	D2	23A		
06032		XA442	39			XA442	27			16B	9		SPI038	19	TA04BQ	01 1	TDD	EQ	19B		
06033		XA442	27			XA443	31			16B	9		SPI038	20	TA02BQ	01 1	TDD	CQ	13B		
06034		XA443	31			XA444	40			16B	9		SPI038	21	TCOMPA	01 2	TQ2	C3	15B		
06035		XA444	40			XA444	43			16B	9		SPI038	22	RRQSTO	01 7	TS8	C1	19A		
06036		XA444	43			XA446	41			16B	9		SPI038	23		01 1	TS8	D1	23B		
06037		XA446	41			XA446	23			16B	9		SPI038	24		01 1	TQ2	D3	22B		
06038		XA446	23			XA445	24			16B	9		SPI038	25		01 1	TQ2	B4	11B		
06039		XA445	24			XA445	23			16B	9		SPI038	26	TDL4A0	01 2	TT3	B1	13A		
06040		XA445	23			XA445	13			16B	9		SPI038	27	TDL6A0	01 2	TT3	B3	11B		
06041		XA445	13			XA445	14			16B	9		SPI038	28	TDL3A0	01 3	TT3	A3	06B		
06042		XA445	14			XA445	08			16B	9		SPI038	29	TDL5A0	01 1	TT3	B2	09A		
06043		XA445	08			XA445	03			16B	9		SPI038	30	TDL1A0	01 2	TT3	A1	06A		
06044		XA445	03			XA443	08			16B	9		SPI038	31	TDL2A0	01 2	TT3	A2	02A		
06045		XA443	08			XA443	05			16B	9		SPI038	32		01 1	TQ2	A1	06A		
06046		XA443	05			XA442	15			16B	9		SPI038	33	TCENIA	01 2	TQ2	A2	03B		
06047		XA442	15			XA428	15			16B	9		SPI038	34	TA00BQ	01 1	TDD	AQ	07B		
03809		XA428	15			XA428	09			16B	9		SPI038	35		01 1	THI	A6	07B		
20532		XA428	09			XA428	06			16B	9		SPI038	36		01 1	THI	A5	05B		
20531		XA428	06			XA121	48			16B	9		SPI038	37		01 1	THI	A2	05A		
06048		XA121	48										SPI038	38			RR4	E2			
06049		XA444	38			XA446	43			16B	9		SPI039	01	RRQSTO	01 6	TS8	C1	18A		
06050		XA446	43			XA446	25			16B	9		SPI039	02		01 2	TQ2	D3	23B		
06051		XA446	25			XA443	10			16B	9		SPI039	03		01 2	TQ2	B4	12B		
06052		XA443	10			XA442	03			16B	9		SPI039	04		01 2	TQ2	A1	07A		
06053		XA442	03			XA442	17			16B	9		SPI039	05	TA01BQ	01 1	TDD	BQ	02A		
06054		XA442	17			XA442	29			16B	9		SPI039	06	TA03BQ	01 1	TDD	DQ	08B		
06055		XA442	29			XA442	41			16B	9		SPI039	07	TA05BQ	01 1	TDD	FQ	14B		
06056		XA442	41			XA442	53			16B	9		SPI039	08	TSSGBQ	01 1	TDD	HQ	22B		
06057		XA442	53			XA443	53			16B	9		SPI039	09	RTRQ10	01 1	TDD	KQ	28B		
06058		XA443	53			XA444	54			16B	9		SPI039	10	TMO0AA	01 1	TQ2	E3	28B		
06059		XA444	54			XA444	60			16B	9		SPI039	11		01 7	TS8	D1	25A		
06060		XA444	60			XA445	69			16B	9		SPI039	12		01 2	TS8	E1	28A		
06061		XA445	69			XA445	77			16B	9		SPI039	13		01 1	TT3	F3	35A		
06062		XA445	77			XA444	77			16B	9		SPI039	14		01 2	TT3	F1	38B		
06063		XA444	77			XA443	78			16B	9		SPI039	15		01 6	TS8	F1	38B		
06064		XA443	78			XA443	74			16B	9		SPI039	16		01 2	TQ2	F4	38A		
06065		XA443	74			XA443	71			16B	9		SPI039	17	TOFRB0	01 2	TQ2	F3	35B		
06066		XA443	71			XA443	77			16B	9		SPI039	18		01 1	TQ2	F2	36A		
06067		XA443	77			XA442	80			16B	9		SPI039	19		01 1	TQ2	F1	38B		
06068		XA442	80			XA441	72			16B	9		SPI039	20	RSWRQ0	01 1	TDD	LQ	39A		
06069		XA441	72			XA443	61			16B	9		SPI039	21		01 2	TD4	F2	34A		
06070		XA443	61			XA514	19			16B	9		SPI039	22	TMO1A0	01 2	TQ2	E4	32B		
06101		XA514	19			XA514	08			16B	9		SPI039	223		01 1	ACF	A2	08B		

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DRAWING NUMBER 149019-800
 UNIT ASSEMBLY NAME CARD CAGE ASSY, I/O UNIT

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RECORD NUMBER	FROM			TO			WIRE				SIGNAL	SEC NO	EQUATION	TERMIN	FACTORY	CKT OR CHIP TYPE	GROUP	LOAD GP POWER PLANE	TEST POINTS CATEGORY	SIGNAL DESCRIPTION	ECO NO	
	PREFIX	CONNECTOR	PIN	PREFIX	CONNECTOR	PIN	MULTI GROUP	CODE	COLOR	IDENT												
06115		XA514	08		XA514	07			16B	9		SPI039	225		01	2	ACF	A3		05B		
06071		XA514	07		XA513	07			16B	9		SPI039	23		01	1	ACF	A1		03A		
06072		XA513	07		XA513	08			16B	9		SPI039	24		01	1	ACF	A1		03A		
06073		XA513	08		XA512	08			16B	9		SPI039	25		01	2	ACF	A3		05B		
06074		XA512	08		XA512	07			16B	9		SPI039	26		01	2	ACF	A3		05B		
06075		XA512	07		XA511	08			16B	9		SPI039	27		01	1	ACF	A1		03A	B05	
06077		XA511	08		XA512	19			16B	9		SPI039	29		01	2	ACF	A3		05B		
06078		XA512	19		XA513	19			16B	9		SPI039	30		01	1	ACF	A2		08B		
06079		XA513	19		XA121	47			16B	9		SPI039	31		01	1	ACF	A2		08B		
06081		XA121	47									SPI039	33				RR4	E3				
06082		XA510	71		XA511	71			16B	9		SPI040	01	XI02CTX	01	1	ACF	D3		36B		
06083		XA511	71		XA510	68			16B	9		SPI040	02	XI06CTX	01	1	ACF	D3		36B		
06084		XA510	68		XA510	66			16B	9		SPI040	03	XI03CTX	01	1	ACF	E3		36A		
06085		XA510	66		XA510	64			16B	9		SPI040	04	XI00CTX	01	1	ACF	B3		34B		
06086		XA510	64		XA514	64			16B	9		SPI040	05	XI01CTX	01	1	ACF	C3		34A		
06087		XA514	64		XA514	68			16B	9		SPI040	06	XI1NCTX	01	1	ACF	C3		34A		
06155		XA514	68		XA514	66			16B	9		SPI040	065	XI1ENCTX	01	1	ACF	E3		36A		
06088		XA514	66		XA514	71			16B	9		SPI040	07	XIR7CTX	01	1	ACF	B3		34B		
06089		XA514	71		XA513	71			16B	9		SPI040	08	XICMCTX	01	1	ACF	D3		36B		
06090		XA513	71		XA512	71			16B	9		SPI040	09	XIR5CTX	01	1	ACF	D3		36B		
06091		XA512	71		XA511	68			16B	9		SPI040	10	XIR1CTX	01	1	ACF	D3		36B		
06092		XA511	68		XA511	66			16B	9		SPI040	11	XI07CTX	01	1	ACF	E3		36A		
06093		XA511	66		XA511	64			16B	9		SPI040	12	XI04CTX	01	1	ACF	B3		34B		
06094		XA511	64		XA512	64			16B	9		SPI040	13	XI05CTX	01	1	ACF	C3		34A		
06095		XA512	64		XA512	66			16B	9		SPI040	14	XIR0CTX	01	1	ACF	C3		34A		
06096		XA512	66		XA512	68			16B	9		SPI040	15	XI0PCTX	01	1	ACF	B3		34B		
06097		XA512	68		XA513	68			16B	9		SPI040	16	XIR2CTX	01	1	ACF	E3		36A		
06098		XA513	68		XA513	66			16B	9		SPI040	17	XIR6CTX	01	1	ACF	E3		36A		
06099		XA513	66		XA513	64			16B	9		SPI040	18	XIR3CTX	01	1	ACF	B3		34B		
06100		XA513	64		XA513	15			16B	9		SPI040	19	XIR4CTX	01	1	ACF	C3		34A		
06102		XA513	15		XA512	15			16B	9		SPI040	21		01	2	ACF	A2		07B		
06103		XA512	15		XA511	05			16B	9		SPI040	22		01	2	ACF	A2		07B	B05	
06105		XA511	05		XA512	09			16B	9		SPI040	24		01	1	ACF	A3		04B		
06106		XA512	09		XA512	05			16B	9		SPI040	25		01	2	ACF	A1		04A		
06107		XA512	05		XA513	09			16B	9		SPI040	26		01	1	ACF	A3		04B		
06108		XA513	09		XA514	09			16B	9		SPI040	27		01	2	ACF	A1		04A		
06109		XA514	09		XA513	05			16B	9		SPI040	28		01	2	ACF	A1		04A		
06110		XA513	05		XA514	05			16B	9		SPI040	29		01	1	ACF	A3		04B		
06111		XA514	05		XA514	15			16B	9		SPI040	30		01	1	ACF	A3		04B		
06080		XA514	15		XA446	68			16B	9		SPI040	305		01	2	ACF	A2		07B		
06112		XA446	68		XA121	45			16B	9		SPI040	31	TS0BR0	01	1	TQ2	F1		32A		
06113		XA121	45									SPI040	32				RR4	E4				
06114		XA121	41		XA515	29			18B	9		SPI041	01		01	1	TQ2	C3		14B	B01	
06116		XA515	29		XA515	35			16B	9		SPI041	03		01	1	TQ2	C4		17B		
06117		XA515	35		XA515	65			16B	9		SPI041	04		01	1	TQ2	C4		17B		
06118		XA515	65		XA515	73			16B	9		SPI041	05		01	1	TQ2	F3		34B		
06119		XA515	73		XA515	79			16B	9		SPI041	06		01	2	TQ2	F2		36B		
06120		XA515	79		XA515	78			16B	9		SPI041	07		01	2	TQ2	F1		39B		
									***	SIGNAL	(SPI041)			IS ON THE							****	

DRAWING NUMBER 149019-800
 UNIT ASSEMBLY NAME CARD CAGE ASSY, I/O UNIT

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RECORD NUMBER	FROM				TO				WIRE		SIGNAL	SEQ NO	EQUATION	TERMINAL	PKT OR PIN TYPE	LOAD OR POWER PLANE	TEST POINTS AND/OR	SIGNAL DESCRIPTION	ECO NO
	PREFIX	CONNECTOR	PIN	SIG. FC	PREFIX	CONNECTOR	PIN	SIG. FC	MULTI-GROUP	CODE									
06121		XA515	78		XA516	78			168	9			SPI041	08	01 2 TQ2 F4		38A		
06122		XA516	78		XA517	76			168	9			SPI041	09	01 3 TT3 F3		38A		
06123		XA517	76		XA517	62			168	9			SPI041	10	01 1 TQ2 F4		37A		
06124		XA517	62		XA517	65			168	9			SPI041	11	01 1 TQ2 E2		29A		
06125		XA517	65		XA521	71			168	9			SPI041	12	01 1 TQ2 F3		34B		
06126		XA521	71		XA523	76			168	9			SPI041	13	01 1 DCF D2		34B		
06127		XA523	76		XA524	78			168	9			SPI041	14	01 2 TT3 F3		37A		
06128		XA524	78		XA524	74			168	9			SPI041	15	01 2 TQ2 F4		38A		
06129		XA524	74		XA527	71			168	9			SPI041	16	01 2 TQ2 F3		35B		
06130		XA527	71		XA529	69			168	9			SPI041	17	01 1 DCF D2		34B		
06131		XA529	69		XA530	74			168	9			SPI041	18	01 1 TT3 F3		35A		
06132		XA530	74		XA530	76			168	9			SPI041	19	01 2 TQ2 F3		35B		
06133		XA530	76		XA534	71			168	9			SPI041	20	01 1 TQ2 F4		37A		
06134		XA534	71		XA536	69			168	9			SPI041	21	01 1 DCF D2		34B		
06135		XA536	69		XA537	65			168	9			SPI041	22	01 1 TT3 F3		35A		
06136		XA537	65		XA537	78			168	9			SPI041	23	01 1 TQ2 F3		34B		
06137		XA537	78		XA540	71			168	9			SPI041	24	01 2 TQ2 F4		38A		
06138		XA540	71		XA542	76			168	9			SPI041	25	01 1 DCF D2		34B		
06139		XA542	76		XA541	54			168	9			SPI041	26	01 2 TT3 F3		37A		
06140		XA541	54		XA540	50			168	9			SPI041	27	01 1 DCF C6		30A		
06141		XA540	50		XA535	54			168	9			SPI041	28	01 1 DCF C8		28A		
06142		XA535	54		XA534	50			168	9			SPI041	29	01 1 DCF C6		30A		
06143		XA534	50		XA528	54			168	9			SPI041	30	01 1 DCF C8		28A		
06144		XA528	54		XA527	50			168	9			SPI041	31	01 1 DCF C6		30A		
06145		XA527	50		XA522	54			168	9			SPI041	32	01 1 DCF C8		28A		
06146		XA522	54		XA521	50			168	9			SPI041	33	01 1 DCF C6		30A		
06147		XA521	50										SPI041	34	01 1 DCF C8		28A		
06148		XA518	15		XA515	31			168	9			SPI042	01	01 1 THI A6		07B		
06149		XA515	31		XA515	37			168	9			SPI042	02	01 2 TQ2 C3		15B		
06150		XA515	37		XA517	55			168	9			SPI042	03	01 2 TQ2 C4		18B		
06151		XA517	55		XA517	64			168	9			SPI042	04	01 2 TQ2 E3		29B		
06152		XA517	64		XA518	69			168	9			SPI042	05	01 2 TQ2 E2		30A		
06153		XA518	69		XA515	77			168	9			SPI042	06	01 1 THI F3		35B		
06154		XA515	77		XA515	71			168	9			SPI042	07	01 1 TQ2 F1		38B		
06156		XA515	71		XA515	74			168	9			SPI042	09	01 1 TQ2 F2		36A		
06157		XA515	74		XA515	76			168	9			SPI042	10	01 2 TQ2 F3		35B		
06158		XA515	76		XA516	76			168	9			SPI042	11	01 1 TQ2 F4		37A		
06159		XA516	76		XA517	78			168	9			SPI042	12	01 2 TT3 F3		37A		
06160		XA517	78		XA517	74			168	9			SPI042	13	01 2 TQ2 F4		38A		
06161		XA517	74		XA518	73			168	9			SPI042	14	01 2 TQ2 F3		35B		
06162		XA518	73		XA518	75			168	9			SPI042	15	01 1 THI F2		37B		
06163		XA518	75		XA518	76			168	9			SPI042	16	01 1 THI F6		39A		
06164		XA518	76		XA518	74			168	9			SPI042	17	01 1 THI F5		37A		
06165		XA518	74		XA521	72			168	9			SPI042	18	01 1 THI F4		35A		
06166		XA521	72		XA521	54			168	9			SPI042	19	01 1 DCF D1		36A		
06167		XA521	54		XA522	51			168	9			SPI042	20	01 1 DCF C6		30A		
06168		XA522	51		XA523	61			168	9			SPI042	21	01 1 DCF C4		28B		
06169		XA523	61		XA523	69			168	9			SPI042	22	01 3 TT3 E3		32B		
06170		XA523	69		XA525	74			168	9			SPI042	23	01 1 TT3 F3		35A		
									****	SIGNAL	(SPI042)				IS ON THE	NEXT PAGE	****		

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RECORD NUMBER	FROM				TO				WIRE				SIGNAL	SEQ NO	EQUATION	TURNS	FAC	CCT OR CHIP TYPE	WIRE NO	TEST POINTS END/JP	SIGNAL DESCRIPTION	ECO NO		
	PREFIX	CONNECTOR	PIN	SKTS	PREFIX	CONNECTOR	PIN	SKTS	MULTI GROUP	CODE	COLOR	IDENT											SPC INST WIRE	
06171		XA525	74		XA525	76					16B	9		SPI042	24		01	1	THI	F4		35A		
06172		XA525	76		XA525	79					16B	9		SPI042	25		01	1	THI	F5		37A		
06173		XA525	79		XA524	76					16B	9		SPI042	26		01	1	THI	F1		39B		
06174		XA524	76		XA525	75					16B	9		SPI042	27		01	1	TQ2	F4		37A		
06175		XA525	75		XA525	73					16B	9		SPI042	28		01	1	THI	F6		39A		
06176		XA525	73		XA525	69					16B	9		SPI042	29		01	1	THI	F2		37B		
06177		XA525	69		XA524	62					16B	9		SPI042	30		01	1	THI	F3		35B		
06178		XA524	62		XA524	65					16B	9		SPI042	31	XASTBA	01	1	TQ2	E2		29A		
06179		XA524	65		XA524	55					16B	9		SPI042	32		01	1	TQ2	F3		34B		
06180		XA524	55		XA525	51					16B	9		SPI042	33	XAINTA	01	2	TQ2	E3		29B		
06181		XA525	51		XA525	45					16B	9		SPI042	34		01	1	THI	06		27B		
06182		XA525	45		XA525	15					16B	9		SPI042	35		01	1	THI	05		25B		
06183		XA525	15		XA525	09					16B	9		SPI042	36		01	1	THI	A6		07B		
06184		XA525	09		XA121	62					16B	9		SPI042	37		01	1	THI	A5		05B		
06185		XA121	62											SPI042	38				RR4	F1				
06186		XA121	56		XA531	15					16B	9		SPI043	01				RR4	F2				
06187		XA531	15		XA531	09					16B	9		SPI043	02		01	1	THI	A6		07B		
06188		XA531	09		XA538	09					16B	9		SPI043	03		01	1	THI	A5		05B		
06189		XA538	09		XA538	15					16B	9		SPI043	04		01	1	THI	A5		05B		
06190		XA538	15		XA538	45					16B	9		SPI043	05		01	1	THI	A6		07B		
06191		XA538	45		XA538	51					16B	9		SPI043	06		01	1	THI	05		25B		
06192		XA538	51		XA538	69					16B	9		SPI043	07		01	1	THI	06		27B		
06193		XA538	69		XA538	74					16B	9		SPI043	08		01	1	THI	F3		35B		
06194		XA538	74		XA538	76					16B	9		SPI043	09		01	1	THI	F4		35A		
06195		XA538	76		XA538	79					16B	9		SPI043	10		01	1	THI	F5		37A		
06196		XA538	79		XA538	75					16B	9		SPI043	11		01	1	THI	F1		39B		
06197		XA538	75		XA538	73					16B	9		SPI043	12		01	1	THI	F6		39A		
06198		XA538	73		XA537	74					16B	9		SPI043	13		01	1	THI	F2		37B		
06199		XA537	74		XA537	76					16B	9		SPI043	14		01	2	TQ2	F3		35B		
06200		XA537	76		XA536	76					16B	9		SPI043	15		01	1	TQ2	F4		37A		
06201		XA536	76		XA534	72					16B	9		SPI043	16		01	2	TT3	F3		37A		
06202		XA534	72		XA536	61					16B	9		SPI043	17		01	1	DCF	01		36A		
06203		XA536	61		XA537	62					16B	9		SPI043	18	XCMRDA	01	3	TT3	E3		32B		
06204		XA537	62		XA537	55					16B	9		SPI043	19	XCSTBA	01	1	TQ2	E2		29A		
06205		XA537	55		XA535	51					16B	9		SPI043	20	XCINTA	01	2	TQ2	E3		29B		
06206		XA535	51		XA534	54					16B	9		SPI043	21		01	1	DCF	C4		28B		
06207		XA534	54		XA531	51					16B	9		SPI043	22		01	1	DCF	C6		30A		
06208		XA531	51		XA531	45					16B	9		SPI043	23		01	1	THI	06		27B		
06209		XA531	45		XA530	55					16B	9		SPI043	24		01	1	THI	05		25B		
06210		XA530	55		XA530	65					16B	9		SPI043	25	XBINTA	01	2	TQ2	E3		29B		
06211		XA530	65		XA530	62					16B	9		SPI043	26		01	1	TQ2	F3		34B		
06212		XA530	62		XA529	61					16B	9		SPI043	27	XBSTBA	01	1	TQ2	E2		29A		
06213		XA529	61		XA528	51					16B	9		SPI043	28	XBMRDA	01	3	TT3	E3		32B		
06214		XA528	51		XA527	54					16B	9		SPI043	29		01	1	DCF	C4		28B		
06215		XA527	54		XA527	72					16B	9		SPI043	30		01	1	DCF	C6		30A		
06216		XA527	72		XA529	76					16B	9		SPI043	31		01	1	DCF	01		36A		
06217		XA529	76		XA530	78					16B	9		SPI043	32		01	2	TT3	F3		37A		
06218		XA530	78		XA531	79					16B	9		SPI043	33		01	2	TQ2	F4		38A		
06219		XA531	79		XA531	75					16B	9		SPI043	34		01	1	THI	F1		39B		
												***	SIGNAL (SPI043)				S ON THE NEXT PAGE				****			

DRAWING NUMBER		149019-800		STRING		UNIT ASSEMBLY NO		149019		REV		G		INDEX		SPIO43	
UNIT ASSEMBLY NAME		CARD CAGE ASSY, I/C UNIT				PART NUMBER		T398IUX2		DATE		09-03-82		PAGE		85	
RECORD NUMBER	PREFIX	CONNECTOR	PIN	TO	PREFIX	CONNECTOR	PIN	WIRE	COLOR	DESCRIPTION	SIGNAL	WIRE NO	FUNCTION	TERMINATION	TEST POINT	TEST POINT	TEST POINT
06220		XA531	75		XA531	73		168	9		SPIO43	35		01 1	THI	F6	39A
06221		XA531	73		XA531	74		168	9		SPIO43	36		01 1	THI	F2	37B
06222		XA531	74		XA531	76		168	9		SPIO43	37		01 1	THI	F4	35A
06223		XA531	76		XA531	69		168	9		SPIO43	38		01 1	THI	F5	37A
06224		XA531	69								SPIO43	39		01 1	THI	F3	35B
06225		XA121	55		XA544	09		168	9		SPIO44	01			RR4	F3	
06226		XA544	09		XA544	15		168	9		SPIO44	02		01 1	THI	A5	05B
06227		XA544	15		XA544	45		168	9		SPIO44	03		01 1	THI	A6	07B
06228		XA544	45		XA544	51		168	9		SPIO44	04		01 1	THI	D5	25B
06229		XA544	51		XA543	55		168	9		SPIO44	05		01 1	THI	D6	27B
06230		XA543	55		XA541	51		168	9		SPIO44	06	XDINTA	01 2	TQ2	E3	29B
06231		XA541	51		XA540	54		168	9		SPIO44	07		01 1	DCF	C4	28B
06232		XA540	54		XA540	72		168	9		SPIO44	08		01 1	DCF	C6	30A
06233		XA540	72		XA542	69		168	9		SPIO44	09		01 1	DCF	D1	36A
06234		XA542	69		XA542	61		168	9		SPIO44	10		01 1	TT3	F3	35A
06235		XA542	61		XA543	62		168	9		SPIO44	11	XDMRDA	01 3	TT3	E3	32B
06236		XA543	62		XA544	69		168	9		SPIO44	12	XDSTBA	01 1	TQ2	E2	29A
06237		XA544	69		XA544	79		168	9		SPIO44	13		01 1	THI	F3	35B
06238		XA544	79		XA543	78		168	9		SPIO44	14		01 1	THI	F1	39B
06239		XA543	78		XA543	74		168	9		SPIO44	15		01 2	TQ2	F4	38A
06240		XA543	74		XA544	73		168	9		SPIO44	16		01 2	TQ2	F3	35B
06241		XA544	73		XA544	75		168	9		SPIO44	17		01 1	THI	F2	37B
06242		XA544	75		XA544	76		168	9		SPIO44	18		01 1	THI	F6	39A
06243		XA544	76		XA544	74		168	9		SPIO44	19		01 1	THI	F5	37A
06244		XA544	74		XA547	72		168	9		SPIO44	20		01 1	THI	F4	35A
06245		XA547	72		XA549	69		168	9		SPIO44	21		01 1	DCF	D1	36A
06246		XA549	69		XA549	61		168	9		SPIO44	22		01 1	TT3	F3	35A
06247		XA549	61		XA547	54		168	9		SPIO44	23	XEMRDA	01 3	TT3	E3	32B
06248		XA547	54		XA548	51		168	9		SPIO44	24		01 1	DCF	C6	30A
06249		XA548	51		XA550	55		168	9		SPIO44	25		01 1	DCF	C4	28B
06250		XA550	55		XA550	62		168	9		SPIO44	26	XEINTA	01 2	TQ2	E3	29B
06251		XA550	62		XA550	65		168	9		SPIO44	27	XESTBA	01 1	TQ2	E2	29A
06252		XA550	65		XA551	69		168	9		SPIO44	28		01 1	TQ2	F3	34B
06253		XA551	69		XA551	73		168	9		SPIO44	29		01 1	THI	F3	35B
06254		XA551	73		XA551	75		168	9		SPIO44	30		01 1	THI	F2	37B
06255		XA551	75		XA550	76		168	9		SPIO44	31		01 1	THI	F6	39A
06256		XA550	76		XA551	79		168	9		SPIO44	32		01 1	TQ2	F4	37A
06257		XA551	79		XA551	76		168	9		SPIO44	33		01 1	THI	F1	39B
06258		XA551	76		XA551	74		168	9		SPIO44	34		01 1	THI	F5	37A
06259		XA551	74		XA551	51		168	9		SPIO44	35		01 1	THI	F4	35A
06260		XA551	51		XA551	45		168	9		SPIO44	36		01 1	THI	D6	27B
06261		XA551	45		XA551	15		168	9		SPIO44	37		01 1	THI	D5	25B
06262		XA551	15		XA551	09		168	9		SPIO44	38		01 1	THI	A6	07B
06263		XA551	09								SPIO44	39		01 1	THI	A5	05B
06264		XA121	53		XA543	65		168	9		SPIO45	01			RR4	F4	
06265		XA543	65		XA543	76		168	9		SPIO45	02		01 1	TQ2	F3	34B
06266		XA543	76		XA547	71		168	9		SPIO45	03		01 1	TQ2	F4	37A
06267		XA547	71		XA549	76		168	9		SPIO45	04		01 1	DCF	D2	34B
											****		SIGNAL (SPIO45)		IS ON THE	NEXT PAGE	****

DRAWING NUMBER 149019-800
UNIT ASSEMBLY NAME CARD CAGE ASSY, I/O UNIT

STRING

UNIT ASSEMBLY NO 149019
PROJECT T39BIUX2

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RECORD NUMBER	FROM			TO			WIRE				SIGNAL	REL NO	EQUATION	P	L	CKT OR GRP TYPE	DRP	LDRY CP BOARD PLANE	TEST POINTS IDENT	SIGNAL DESCRIPTION	ECO NO	
	PREFIX	CONNECTOR	PIN	PREFIX	CONNECTOR	PIN	GA	DI	DI	DI												
06268		XA549	76		XA550	78			168	9		SPI045	05		01	2	TT3	F3	37A			
06269		XA550	78		XA550	74			168	9		SPI045	06		01	2	TQ2	F4	38A			
06270		XA550	74		XA548	54			168	9		SPI045	07		01	2	TQ2	F3	35B			
06271		XA548	54		XA547	50			168	9		SPI045	08		01	1	DCF	C6	30A			
06272		XA547	50									SPI045	09		01	1	DCF	C8	28A			
06104		XA511	09		XA410	35			168	9		SPI300	00	JMTSA04	01	2	ACF	A1	04A		C13	
20460		XA410	35		XA511	15			168	9		SPI300	01				RR4	D3			C13	
06274		XA511	15		XA510	15			168	9		SPI300	02	TMRUDD4	01	2	ACF	A2	07B			
06275		XA510	15		XA510	09			168	9		SPI300	03	TMRUBD4	01	2	ACF	A2	07B			
06276		XA510	09		XA510	05			168	9		SPI300	04	TMRUAD4	01	2	ACF	A1	04A			
06277		XA510	05		XA318	78			168	9		SPI300	05	TMRUCD4	01	2	ACF	A3	04B			
06278		XA318	78		XA427	13			168	9		SPI300	06				RR1	H6				
06279		XA427	13									SPI300	07				01	2	TLD	A4	06B	
06280		XA546	72		XA539	72			168	9		SPI301	01	XER3CDX	01	1	DCF	D1	36A			
06281		XA539	72		XA533	72			168	9		SPI301	02	XDR3CDX	01	1	DCF	D1	36A			
06282		XA533	72		XA526	72			168	9		SPI301	03	XCR3CDX	01	1	DCF	D1	36A			
06283		XA526	72		XA520	72			168	9		SPI301	04	XBR3CDX	01	1	DCF	D1	36A			
06284		XA520	72		XA410	08			168	9		SPI301	05	XAR3CDX	01	1	DCF	D1	36A		C13	
09892		XA410	08		XA513	13			168	9		SPI301	06				RP4	A1			C13	
06286		XA513	13		XA518	21			168	9		SPI301	07	XIR3DGX	01	1	ACF	B1	06A		C13	
06298		XA518	21		XA525	21			168	9		SPI301	08	XIGNDA	01	1	THI	B5	11B		C13	
06288		XA525	21		XA531	21			168	9		SPI301	09	XAGNDA	01	1	THI	B5	11B		C13	
06291		XA531	21		XA538	21			168	9		SPI301	10	XBGNDA	01	1	THI	B5	11B		C13	
06292		XA538	21		XA544	21			168	9		SPI301	11	XCGNDA	01	1	THI	B5	11B		C13	
06295		XA544	21		XA551	21			168	9		SPI301	12	XDGNDA	01	1	THI	B5	11B		C13	
06296		XA551	21									SPI301	13	XEGNDA	01	1	THI	B5	11B		C13	
06300		XA546	70		XA546	74			168	9		SPI309	01	XER6COX	01	1	DCF	D8	35A			
06301		XA546	74		XA546	73			168	9		SPI309	02	XER5COX	01	1	DCF	D6	37A			
06302		XA546	73		XA546	71			168	9		SPI309	03	XER4COX	01	1	DCF	D4	35B			
06303		XA546	71		XA539	70			168	9		SPI309	04	XER3COX	01	1	DCF	D2	34B			
06304		XA539	70		XA539	74			168	9		SPI309	05	XDR6COX	01	1	DCF	D8	35A			
06305		XA539	74		XA539	73			168	9		SPI309	06	XDR5COX	01	1	DCF	D6	37A			
06306		XA539	73		XA539	71			168	9		SPI309	07	XDR4COX	01	1	DCF	D4	35B			
06307		XA539	71		XA533	70			168	9		SPI309	08	XDR3COX	01	1	DCF	D2	34B			
06308		XA533	70		XA533	74			168	9		SPI309	09	XCR6COX	01	1	DCF	D8	35A			
06309		XA533	74		XA533	73			168	9		SPI309	10	XCR5COX	01	1	DCF	D6	37A			
06310		XA533	73		XA533	71			168	9		SPI309	11	XCR4COX	01	1	DCF	D4	35B			
06311		XA533	71		XA526	70			168	9		SPI309	12	XCR3COX	01	1	DCF	D2	34B			
06312		XA526	70		XA526	74			168	9		SPI309	13	XBR6COX	01	1	DCF	D8	35A			
06313		XA526	74		XA526	73			168	9		SPI309	14	XBR5COX	01	1	DCF	D6	37A			
06314		XA526	73		XA526	71			168	9		SPI309	15	XBR4COX	01	1	DCF	D4	35B			
06315		XA526	71		XA520	70			168	9		SPI309	16	XBR3COX	01	1	DCF	D2	34B			
06316		XA520	70		XA520	74			168	9		SPI309	17	XAR6COX	01	1	DCF	D8	35A			
06317		XA520	74		XA520	73			168	9		SPI309	18	XAR5COX	01	1	DCF	D6	37A			
06318		XA520	73		XA520	71			168	9		SPI309	19	XAR4COX	01	1	DCF	D4	35B			
06319		XA520	71		XA411	39			168	9		SPI309	20	XAR3COX	01	1	DCF	D2	34B		D01	
07787		XA411	39									SPI309	21				RR4	D5			D01	

DRAWING NUMBER 149019-800
UNIT ASSEMBLY NAME CARD CAGE ASSY,I/O UNIT

STRING

UNIT ASSEMBLY NO. 149019
FILE IDENT T398IUX2

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RECORD NUMBER	FROM				TO				WIRE				SIGNAL	SQ NO	EQUATION	TERM	FACTOR	CKT OR CHIP TYPE	GROUP	LOAD OR POWER PLANE	TEST POINTS	SIGNAL DESCRIPTION	ECO NO
	PREFIX	CONNECTOR	PIN	SH TO	PREFIX	CONNECTOR	PIN	SH TO	MULTI GROUP	CODE	COLOR	IDENT											
08199		XA248	35			XA127	49			16B	9			TACKA0	01	TACKA0	00	1	T04	C1	17B	ACK FOR CPU CMDS	
08200		XA127	49											TACKA0	02	JACKAD4	01	2	TLD	D4	26B		
08201		XA320	57			XA310	59			16B	9			TACP0A	01	TACP0A	00	1	TQ2	E3	30B	PAGE 0	
08202		XA310	59											TACP0A	02	TACP00	01	1	THI	E5	31B		
08203		XA309	01			XA309	21			16B	9			TACP00	01	TAVR0A	01	1	TT3	A2	02B		
08204		XA309	21			XA310	57			16B	9			TACP00	02	TAVW0A	01	1	TT3	B3	10B		
08205		XA310	57											TACP00	03	TACP00	00	1	THI	E5	30B	PAGE 0	
08206		XA320	63			XA310	65			16B	9			TACP1A	01	TACP1A	00	1	TQ2	E4	33B	PAGE 1	
08207		XA310	65											TACP1A	02	TACP10	01	1	THI	E6	33B		
08208		XA309	11			XA309	38			16B	9			TACP10	01	TAVR1A	01	2	TT3	A3	05B		
08209		XA309	38			XA310	68			16B	9			TACP10	02	TAVW1A	01	1	TT3	C1	18A		
08210		XA310	68											TACP10	03	TACP10	00	1	THI	E6	32B	PAGE 1	
08211		XA320	80			XA310	79			16B	9			TACP2A	01	TACP2A	00	1	TQ2	F4	39A	PAGE 2	
08212		XA310	79											TACP2A	02	TACP20	01	1	THI	F1	39B		
08213		XA309	24			XA309	29			16B	9			TACP20	01	TAVR2A	01	2	TT3	B1	13A		
08214		XA309	29			XA310	80			16B	9			TACP20	02	TAVW2A	01	1	TT3	C2	14B		
08215		XA310	80											TACP20	03	TACP20	00	1	THI	F1	38B	PAGE 2	
08216		XA314	15			XA310	73			16B	9			TACP3A	01	TACP3A	00	1	TQ2	A4	07B	PAGE 3	
08217		XA310	73											TACP3A	02	TACP30	01	1	THI	F2	37B		
08218		XA309	18			XA309	33			16B	9			TACP30	01	TAVR3A	01	3	TT3	B2	10A		
08219		XA309	33			XA310	71			16B	9			TACP30	02	TAVW3A	01	1	TT3	C3	16B		
08220		XA310	71											TACP30	03	TACP30	00	1	THI	F2	36B	PAGE 3	
08221		XA135	36			XA320	15			16B	9			TACX0A	01	TPR010	01	1	THI	C3	16A		
08222		XA320	15			XA313	08			16B	9			TACX0A	02	TACX0A	00	1	TQ2	A4	07B	X LINE 0	
08223		XA313	08			XA313	26			16B	9			TACX0A	03	TACX0D	01	1	TLD	A1	06A		
08224		XA313	26											TACX0A	04	TACX4D	01	2	TLD	B1	14A		
08225		XA312	39			XA311	38			16B	9			TACX0D	01	TAC10X	01	4	MEM	BX	19B		
08226		XA311	38			XA311	10			16B	9			TACX0D	02	TAC11X	01	1	MEM	BX	18A		
08227		XA311	10			XA312	06			16B	9			TACX0D	03	TAC01X	01	3	MEM	AX	07A		
08228		XA312	06			XA313	06			16B	9			TACX0D	04	TAC00X	01	1	MEM	AX	05A		
08229		XA313	06			XA337	05			16B	9			TACX0D	05	TACX0D	00	1	TLD	A1	05A	XO LINE DRIVER M	
08230		XA337	05											TACX0D	06				RR4	A3			
08231		XA135	29			XA320	22			16B	9			TACX1A	01	TPR020	01	1	THI	C4	15B		
08232		XA320	22			XA313	20			16B	9			TACX1A	02	TACX1A	00	1	TQ2	B1	12A	X LINE 1	
08233		XA313	20			XA313	04			16B	9			TACX1A	03	TACX5D	01	2	TLD	B2	11A		
08234		XA313	04											TACX1A	04	TACX1D	01	1	TLD	A2	04A		
										****	SIGNAL	(TACX1D)	IS ON THE NEXT PAGE				****						

DRAWING NUMBER		149019-800		STRING		UNIT ASSEMBLY NO.		149019		REV		G		INDEX		TACX1D				
UNIT ASSEMBLY NAME		CARD CAGE ASSY, I/O UNIT		FILE IDENT		T39BIUX2		DATE		09-03-82		PAGE		88						
RECORD NUMBER	PREFIX	CONNECTION	PIN	PIN	PIN	WIRE	WIRE	WIRE	WIRE	SIGNAL	SEQ NO	EQUATION	TRANS	FACT	CKT OR CHIP TYPE	UNIT	LOAD OR POWER PLANE	TEST POINTS (AND JP)	SIGNAL DESCRIPTION	ECO NO
08235		XA312	40		XA311	40				TACX1D	01	TAC10X	01	2	MEM	BX		19A		
08236		XA311	40		XA312	15				TACX1D	02	TAC11X	01	2	MEM	BX		19A		
08237		XA312	15		XA311	08				TACX1D	03	TAC00X	01	4	MEM	AX		07B		
08238		XA311	08		XA313	01				TACX1D	04	TAC01X	01	2	MEM	AX		06A		
08239		XA313	01		XA337	07				TACX1D	05	TACX1D	00	1	TLD	A2		02B	X1 LINE DRIVER M	
08240		XA337	07							TACX1D	06				RR4	A4				
08241		XA135	33		XA320	14				TACX2A	01	TPR030	01	1	THI	C5		17B		
08242		XA320	14		XA313	17				TACX2A	02	TACX2A	00	1	TQ2	B2		09A	X LINE 2	
08243		XA313	17		XA313	07				TACX2A	03	TACX6D	01	1	TLD	B3		08B		
08244		XA313	07							TACX2A	04	TACX2D	01	2	TLD	A3		03A		
08245		XA312	42		XA311	42				TACX2D	01	TAC10X	01	3	MEM	BX		20A		
08246		XA311	42		XA311	06				TACX2D	02	TAC11X	01	3	MEM	BX		20A		
08247		XA311	06		XA312	10				TACX2D	03	TAC01X	01	1	MEM	AX		05A		
08248		XA312	10		XA313	09				TACX2D	04	TAC00X	01	3	MEM	AX		07A		
08249		XA313	09		XA337	08				TACX2D	05	TACX2D	00	1	TLD	A3		04B	X2 LINE DRIVER M	
08250		XA337	08							TACX2D	06				RR4	A1				
08251		XA313	13		XA313	23				TACX3A	01	TACX3D	01	2	TLD	A4		06B		
08252		XA313	23		XA320	21				TACX3A	02	TACX7D	01	1	TLD	B4		11B		
08253		XA320	21		XA135	39				TACX3A	03	TACX3A	00	1	TQ2	B3		10B	X LINE 3	
08254		XA135	39							TACX3A	04	TPR040	01	1	THI	C6		19B		
08255		XA337	05		XA312	08				TACX3D	01				RR4	A5				
08256		XA312	08		XA313	15				TACX3D	02	TAC00X	01	2	MEM	AX		06A		
08257		XA313	15		XA311	15				TACX3D	03	TACX3D	00	1	TLD	A4		07B	X3 LINE DRIVER M	
08258		XA311	15		XA311	39				TACX3D	04	TAC01X	01	4	MEM	AX		07B		
08259		XA311	39		XA312	38				TACX3D	05	TAC11X	01	4	MEM	BX		19B		
08260		XA312	38							TACX3D	06	TAC10X	01	1	MEM	BX		18A		
08261		XA337	10		XA313	22				TACX4D	01				RR4	A2				
08262		XA313	22		XA312	51				TACX4D	02	TACX4D	00	1	TLD	B1		12A	X4 LINE DRIVER M	
08263		XA312	51		XA311	52				TACX4D	03	TAC20X	01	4	MEM	CX		27B		
08264		XA311	52		XA311	77				TACX4D	04	TAC21X	01	1	MEM	CX		24A		
08265		XA311	77		XA312	80				TACX4D	05	TAC31X	01	2	MEM	DX		38B		
08266		XA312	80							TACX4D	06	TAC30X	01	4	MEM	DX		39A		
08267		XA312	79		XA311	80				TACX5D	01	TAC30X	01	3	MEM	DX		39B		
08268		XA311	80		XA311	54				TACX5D	02	TAC31X	01	4	MEM	DX		39A		
08269		XA311	54		XA312	52				TACX5D	03	TAC21X	01	2	MEM	CX		25A		
08270		XA312	52		XA313	14				TACX5D	04	TAC20X	01	1	MEM	CX		24A		
08271		XA313	14		XA337	24				TACX5D	05	TACX5D	00	1	TLD	B2		09A	X5 LINE DRIVER M	
08272		XA337	24							TACX5D	06				RR4	B3				
08273		XA337	17		XA313	21				TACX6D	01				RR4	B4				
08274		XA313	21		XA312	54				TACX6D	02	TACX6D	00	1	TLD	B3		10B	X6 LINE DRIVER M	
08275		XA312	54		XA311	56				TACX6D	03	TAC20X	01	2	MEM	CX		25A		
08276		XA311	56		XA311	75				TACX6D	04	TAC21X	01	3	MEM	CX		26A		
08277		XA311	75		XA312	77				TACX6D	05	TAC31X	01	1	MEM	DX		37B		
**** SIGNAL (TACX6D) IS ON THE NEXT PAGE ****																				

DRAWING NUMBER UNIT ASSEMBLY NAME		149019-800 CARD CAGE ASSY, I/O UNIT										STRING		UNIT ASSEMBLY NO. FILE IDENT		REV DATE		INDEX PAGE		TACY3D 90				
RECORD NUMBER	PREFIX	CONNECTOR	PIN	TO	PREFIX	CONNECTOR	PIN	MULTI GROUP	WIRE	CODE	COLOR	IDENT	SIGNAL	SEC NO	EQUATION	TEST	PACK	CHK OR CHIP TYPE	GROUP	LOAD OR POWER PLANE	TEST POINTS	SIGNAL DESCRIPTION	ECO NO	
08318		XA313	39		XA337	39				168	9		TACY3D	05	TACY3D	00	1	TLD	C4					
08319		XA337	39										TACY3D	06				RR4	D5		19B	Y3 LINE DRIVER M		
08320		XA337	73		XA312	71				168	9		TACY4D	01				RR4	H4					
08321		XA312	71		XA311	72				168	9		TACY4D	02	TAC30Y	01	2	MEM	DY		36A			
08322		XA311	72		XA311	50				168	9		TACY4D	03	TAC31Y	01	3	MEM	DY		34A			
08323		XA311	50		XA312	41				168	9		TACY4D	04	TAC21Y	01	1	MEM	CY		23A			
08324		XA312	41		XA313	52				168	9		TACY4D	05	TAC20Y	01	4	MEM	CY		22B			
08325		XA313	52										TACY4D	06	TACY4D	00	1	TLD	D1		24A	Y4 LINE DRIVER M		
08326		XA312	72		XA311	73				168	9		TACY5D	01	TAC30Y	01	3	MEM	DY		34A			
08327		XA311	73		XA311	41				168	9		TACY5D	02	TAC31Y	01	1	MEM	DY		36B			
08328		XA311	41		XA312	50				168	9		TACY5D	03	TAC21Y	01	4	MEM	CY		22B			
08329		XA312	50		XA313	46				168	9		TACY5D	04	TAC20Y	01	1	MEM	CY		23A			
08330		XA313	46		XA337	41				168	9		TACY5D	05	TACY5D	00	1	TLD	D2		21A	Y5 LINE DRIVER M		
08331		XA337	41										TACY5D	06				RR4	E5					
08332		XA337	45		XA313	45				168	9		TACY6D	01				RR4	E4					
08333		XA313	45		XA312	48				168	9		TACY6D	02	TACY6D	00	1	TLD	D3		24B	Y6 LINE DRIVER M		
08334		XA312	48		XA311	48				168	9		TACY6D	03	TAC20Y	01	2	MEM	CY		22A			
08335		XA311	48		XA312	65				168	9		TACY6D	04	TAC21Y	01	2	MEM	CY		22A			
08336		XA312	65		XA311	65				168	9		TACY6D	05	TAC30Y	01	4	MEM	DY		34B			
08337		XA311	65										TACY6D	06	TAC31Y	01	4	MEM	DY		34B			
08338		XA311	71		XA312	73				168	9		TACY7D	01	TAC31Y	01	2	MEM	DY		36A			
08339		XA312	73		XA311	46				168	9		TACY7D	02	TAC30Y	01	1	MEM	DY		36B			
08340		XA311	46		XA312	46				168	9		TACY7D	03	TAC21Y	01	3	MEM	CY		21A			
08341		XA312	46		XA313	51				168	9		TACY7D	04	TAC20Y	01	3	MEM	CY		21A			
08342		XA313	51		XA337	47				168	9		TACY7D	05	TACY7D	00	1	TLD	D4		27R	Y7 LINE DRIVER M		
08343		XA337	47										TACY7D	06				RR4	E3					
08344		XA309	03		XA312	09				168	9		TAC00V1	01	TAVROA	01	2	TT3	A2		02A			
08345		XA312	09		XA318	05				168	9		TAC00V1	02	TAC00V1	00	1	MEM	AV		04B			
08346		XA318	05										TAC00V1	03				RR1	A1					
08347		XA312	11		XA318	06				168	9		TAC00W1	01	TAC00W1	00	1	MEM	AW		05B			
08348		XA318	06										TAC00W1	02				RR1	A2					
08349		XA309	23		XA311	09				168	9		TAC01V1	01	TAVW0A	01	2	TT3	B3		11B			
08350		XA311	09		XA318	07				168	9		TAC01V1	02	TAC01V1	00	1	MEM	AV		04B	PAGE 0 BIT 1 WRIT		
08351		XA318	07										TAC01V1	03				RR1	A3					
08352		XA311	11		XA318	08				168	9		TAC01W1	01	TAC01W1	00	1	MEM	AW		05B			
08353		XA318	08										TAC01W1	02				RR1	A4					
08354		XA318	09		XA309	09				168	9		TAC10V1	01				RR1	A5					
08355		XA309	09		XA312	33				168	9		TAC10V1	02	TAVR1A	01	1	TT3	A3		04B			
08356		XA312	33										TAC10V1	03	TAC10V1	00	1	MEM	BV		16B			
08357		XA312	35		XA318	10				168	9		TAC10W1	01	TAC10W1	00	1	MEM	BW		17B			
													****	SIGNAL (TAC10W1)		IS ON THE		NEXT PAGE		****				

DRAWING NUMBER 149019-800
 UNIT ASSEMBLY NAME CARD CAGE ASSY,I/O UNIT

STRING

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 FILE IDENT T39BIUX2
 REV G
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 INDEX TAC10W1
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RECORD NUMBER	FROM				TO				WIRE				SIGNAL	SQ NO	EQUATION	TERM FACTOR	CKT OR CHIP TYPE	GROUP	LOAD OR POWER PLANE	TEST POINTS AND/OR	SIGNAL DESCRIPTION	ECO NO
	PREFIX	CONNECTOR	PIN	SH FT	PREFIX	CONNECTOR	PIN	SH FT	WIRE GROUP	CODE	COLOR	IDENT										
08358		XA318	10										TAC10W1	02			RR1 A6					
08359		XA309	40		XA311	33			16B	9			TAC11V1	01	TAVW1A	01 2	TT3 C1		19A			
08360		XA311	33		XA318	17			16B	9			TAC11V1	02	TAC11V1	00 1	MEM BV		16B			
08361		XA318	17										TAC11V1	03			RR1 B1					
08362		XA311	35		XA318	18			16B	9			TAC11W1	01	TAC11W1	00 1	MEM BW		17B			
08363		XA318	18										TAC11W1	02			RR1 B2					
08364		XA318	19		XA309	22			16B	9			TAC20V1	01			RR1 B3					
08365		XA309	22		XA312	45			16B	9			TAC20V1	02	TAVR 2A	01 1	TT3 B1		12A			
08366		XA312	45										TAC20V1	03	TAC20V1	00 1	MEM CV		24B		PAGE 2 BIT 0 WRIT	
08367		XA312	47		XA318	20			16B	9			TAC20W1	01	TAC20W1	00 1	MEM CW		25B			
08368		XA318	20										TAC20W1	02			RR1 B4					
08369		XA318	24		XA309	30			16B	9			TAC21V1	01			RR1 B5					
08370		XA309	30		XA311	45			16B	9			TAC21V1	02	TAVW2A	01 2	TT3 C2		15A			
08371		XA311	45										TAC21V1	03	TAC21V1	00 1	MEM CV		24B		PAGE 2 BIT 1 WRITE	
08372		XA311	47		XA318	26			16B	9			TAC21W1	01	TAC21W1	00 1	MEM CW		25B			
08373		XA318	26										TAC21W1	02			RR1 B6					
08374		XA318	23		XA309	17			16B	9			TAC30V1	01			RR1 C1					
08375		XA309	17		XA312	69			16B	9			TAC30V1	02	TAVR 3A	01 2	TT3 B2		08B			
08376		XA312	69										TAC30V1	03	TAC30V1	00 1	MEM DV		35A		PAGE 3 BIT 0 WRI	
08377		XA312	76		XA318	25			16B	9			TAC30W1	01	TAC30W1	00 1	MEM DW		37A			
08378		XA318	25										TAC30W1	02			RR1 C2					
08379		XA318	29		XA309	37			16B	9			TAC31V1	01			RR1 C3					
08380		XA309	37		XA311	69			16B	9			TAC31V1	02	TAVW3A	01 3	TT3 C3		18B			
08381		XA311	69										TAC31V1	03	TAC31V1	00 1	MEM DV		35A		PAGE 3 BIT 1 WRI	
08382		XA311	76		XA318	30			16B	9			TAC31W1	01	TAC31W1	00 1	MEM DW		37A			
08383		XA318	30										TAC31W1	02			RR1 C4					
08384		XA115	65		XA315	62			16B	9			TADABP	01	TKAMSO	01 1	TQ2 F3		34B			
08385		XA315	62		XA317	66			16B	9			TADABP	02	TMHR SA	01 3	TT3 E2		29A			
08386		XA317	66		XA217	76			16B	9			TADABP	03	TADCAP	01 1	TDD JP		31A			
08387		XA217	76		XA239	76			16B	9			TADABP	04	TADABP	00 1	TDD LP		37A		MASTER RESET MG	
08388		XA239	76		XA150	78			16B	9			TADABP	05	TKADA0	01 1	TQ2 F4		37A			
08389		XA150	78										TADABP	06	TMTI10	01 3	TT3 F3		38A			
08390		XA207	23		XA213	06			16B	9			TADABQ	01	TMDCAA	01 1	TQ2 B4		11B			
08391		XA213	06		XA217	78			16B	9			TADABQ	02	TADA10	01 1	THI A2		05A			
08392		XA217	78		XA325	30			16B	9			TADABQ	03	TADABQ	00 1	TDD LQ		38A			
08393		XA325	30										TADABQ	04	TDRS1A	01 1	TD4 C2		15A			
08394		XA217	79		XA326	22			16B	9			TADACA	01	TADABN	01 1	TDD LN		39B		ADDRESS ACK HOLD	
									****		SIGNAL	(TADACA										IS ON THE NEXT PAGE ****

DRAWING NUMBER		149019-800										STRING		UNIT ASSEMBLY NO.		149019		REV		G		INDEX		TADACA	
UNIT ASSEMBLY NAME		CARD CAGE ASSY, I/O UNIT												FILE IDENT		T39BIUX2		DATE		09-03-82		PAGE		92	
RECORD NUMBER	FROM				TO				WIRE				SIGNAL	SFD NO	EQUATION	TERM	FACTOR	DCT OR CHIP TYPE	UNIT	LOAD ON POWER PLANE	TEST POINTS AND DR	SIGNAL DESCRIPTION	ECO NO		
	PREFIX	CONNECTOR	PIN	INTS	PREFIX	CONNECTOR	PIN	INTS	MULTI GROUP	CODE	COLOR	IDENT												SPARE	
08395		XA326	22											TADACA	02	TADACA	00	1	TQ2	B1		12A	ADD ACK.CLK		
08396		XA213	08		XA217	77				16B	9			TADA10	01	TADA10	00	1	THI	A2		04A	ADD ACK NOT		
08397		XA217	77											TADA10	02	TADABI	01	1	TDD	LI		38B			
08398		XA350	38		XA326	24				16B	9			TADA2A	01	TADA2A	00	1	TQ2	C1		18A	S22.(ITR1+ITR2)		
08399		XA326	24											TADA2A	02	TADACA	01	1	TQ2	B1		13A			
08400		XA418	49		XA317	61				16B	9			TADCAQ	01	TADC SOX	01	1	DCF	C2		27B			
08401		XA317	61											TADCAQ	02	TADCAQ	00	1	TDD	JQ		32B	PRESET INPUT SPA		
08402		XA418	46										J	TADC SOX	01	TADC SOX	00	1	DCF	C1		25B	YADCCB4. BUSS		
08403		XA414	01		XA435	45				16B	9			TAR120	01	TA012A	01	1	TT3	A2		02B			
08404		XA435	45											TAR120	02	TAR120	00	1	TD4	D2		24B	REQ IOX4+5+6+7		
08405		XA435	59		XA414	24				16B	9			TAR220	01	TAR220	00	1	TD4	E1		31B	REG. IOX 2+3+6+7		
08406		XA414	24											TAR220	02	TA022A	01	2	TT3	B1		13A			
08407		XA414	21		XA435	57				16B	9			TAR320	01	TA032A	01	1	TT3	B3		10B			
08408		XA435	57											TAR320	02	TAR320	00	1	TD4	E2		30B	REG IOX1+3+5+7		
08409		XA438	77		XA435	76				16B	9			TAR520	01	TA052A	01	1	TQ2	F1		38B			
08410		XA435	76											TAR520	02	TAR520	00	1	TD4	F1		37A	DEV ADD 2+3+6+7		
08411		XA437	57		XA438	76				16B	9			TAR620	01	TAR620	00	1	TD4	E2		30B	DEV ADD 1+3+5+7		
08412		XA438	76											TAR620	02	TA062A	01	1	TQ2	F4		37A			
08413		XA217	57		XA214	41				16B	9			TAVEBP	00	TAVEBP	00	1	TDD	KP		30B	PRERESSET ACC VIL	C01	
05254		XA214	41		XA206	11				16B	9			TAVEBP	01	TK0910	01	1	TQ2	D3		22B		C01	
08414		XA206	11		XA305	43				16B	9			TAVEBP	02	TKMEB0	01	2	TT3	A3		05B			
08415		XA305	43		XA333	73				16B	9			TAVEBP	03	TINI T0	01	1	TD4	D2		23B		C01	
08416		XA333	73		XA346	47				16B	9			TAVEBP	04	TS004A	01	3	TS8	F1		36B			
08417		XA346	47		XA150	59				16B	9			TAVEBP	05	TS5AVA	01	1	TQ2	D4		25B			
08418		XA150	59											TAVEBP	06	TNIABA	01	2	TT3	E3		31B			
08419		XA217	55		XA309	08				16B	9			TAVEBQ	01	TAVEBQ	00	1	TDD	K0		29B	PRESET ACC VIL		
08420		XA309	08		XA332	10				16B	9			TAVEBQ	02	TAVE1A	01	2	TT3	A1		06A			
08421		XA332	10											TAVEBQ	03	TK100A	01	2	TQ2	A1		07A			
08422		XA343	49		XA327	30				16B	9			TAVERA	01	TS1900	01	3	TT3	D3		26B			
08423		XA327	30		XA217	53				16B	9			TAVERA	02	TS052A	01	2	TT3	C2		15A			
08424		XA217	53		XA108	43				16B	9			TAVERA	03	TAVEBQ	01	1	TDD	KQ		28B			
08425		XA108	43											TAVERA	04	TAVERA	00	1	TT3	D2		23B			
08426		XA215	76		XA108	41				16B	9			TAVER0	01	TAVER0	00	1	TS8	F1		37A	ACCESS VIOLATION		
08427		XA108	41											TAVER0	02	TAVERA	01	1	TT3	D2		22B			
08428		XA310	45		XA217	62				16B	9			TAVE00	01	TAVE00	00	1	THI	D2		23A	SET TAVEB		
08429		XA217	62											TAVE00	02	TAVEBI	01	1	TDD	KI		29A			

DRAWING NUMBER		149019-800										STRING		UNIT ASSEMBLY NO.		149019		REV		G		INDEX		TAVE00	
UNIT ASSEMBLY NAME		CARD CAGE ASSY,I/O UNIT										PART IDENT		T3981UX2		DATE		09-03-82		PAGE		93			
RECORD NUMBER	FROM				TO				WIRE				SIGNAL	SIGNAL NO	EQUATION	TERM	ACT OR COND TYPE	SMP	LOAD OR POWER RELAY	FEST POINTS ANTENNA	SIGNAL DESCRIPTION	TCO NO			
	PREFIX	CONNECTOR	PIN	WIRE NO	PREFIX	CONNECTOR	PIN	WIRE NO	MULTI POINT	CODE	COLOR	IDENT											WIRE NO		
08430		XA309	04			XA310	47							TAVE1A	01	TAVE1A	00	1	TT3	A1		04A	TAVEB SET, LEAVE		
08431		XA310	47											TAVE1A	02	TAVE00	01	1	THI	D2		24A			
08432		XA215	73			XA309	07							TAVROA	01	TAVERO	01	3	TS8	F1		36B	READ ACC VIL PAG		
08433		XA309	07											TAVROA	02	TAVROA	00	1	TT3	A2		03A			
08434		XA309	15			XA215	74							TAVR1A	01	TAVR1A	00	1	TT3	A3		07B	READ ACC VIL PAG		
08435		XA215	74											TAVR1A	02	TAVERO	01	4	TS8	F1		35B			
08436		XA215	78			XA309	20							TAVR2A	01	TAVERO	01	7	TS8	F1		38A	READ ACC VIL PAG		
08437		XA309	20											TAVR2A	02	TAVR2A	00	1	TT3	B1		11A			
08438		XA309	19			XA215	77							TAVR3A	01	TAVR3A	00	1	TT3	B2		09B	READ ACC VIL PAG		
08439		XA215	77											TAVR3A	02	TAVERO	01	6	TS8	F1		38B			
08440		XA215	75			XA309	27							TAVWOA	01	TAVERO	01	5	TS8	F1		37B	WRITE ACC VIL PA		
08441		XA309	27											TAVWOA	02	TAVWOA	00	1	TT3	B3		13B			
08442		XA309	36			XA215	72							TAVW1A	01	TAVW1A	00	1	TT3	C1		17A	WRITE ACC VIL PA		
08443		XA215	72											TAVW1A	02	TAVERO	01	2	TS8	F1		34A			
08444		XA215	79			XA309	31							TAVW2A	01	TAVERO	01	8	TS8	F1		39B	WRITE ACC VIL PA		
08445		XA309	31											TAVW2A	02	TAVW2A	00	1	TT3	C2		15B			
08446		XA309	39			XA215	71							TAVW3A	01	TAVW3A	00	1	TT3	C3		19B	WRITE ACC VIL PA		
08447		XA215	71											TAVW3A	02	TAVERO	01	1	TS8	F1		36A			
08448		XA324	59			XA324	61							TAWPOA	01	TAWPO0	01	1	THI	E5		31B			
08449		XA324	61			XA324	75							TAWPOA	02	TAWP10	01	1	THI	E2		31A			
08450		XA324	75			XA324	79							TAWPOA	03	TAWP20	01	1	THI	F6		39A			
08451		XA324	79			XA327	80							TAWPOA	04	TAWP30	01	1	THI	F1		39B			
08452		XA327	80											TAWPOA	05	TAWP0A	00	1	TT3	F3		39A	WRITE CONTROL PA		
08453		XA316	03			XA316	05							TAWP00	01	TAW01A	01	1	TQ2	A3		02A			
08454		XA316	05			XA316	13							TAWP00	02	TAW40A	01	2	TQ2	A2		03B			
08455		XA316	13			XA316	10							TAWP00	03	TAW41A	01	2	TQ2	A4		06B			
08456		XA316	10			XA324	57							TAWP00	04	TAW00A	01	2	TQ2	A1		07A			
08457		XA324	57											TAWP00	05	TAWP00	00	1	THI	E5		00B	WRITE CONTROL PA		
08458		XA316	23			XA316	17							TAWP10	01	TAW51A	01	1	TQ2	B4		11B			
08459		XA316	17			XA316	20							TAWP10	02	TAW11A	01	1	TQ2	B3		08B			
08460		XA316	20			XA316	26							TAWP10	03	TAW50A	01	2	TQ2	B2		11A			
08461		XA316	26			XA324	63							TAWP10	04	TAW10A	01	2	TQ2	B1		14A			
08462		XA324	63											TAWP10	05	TAWP10	00	1	THI	E2		30A	WRITE CONTROL PA		
08463		XA316	31			XA316	37							TAWP20	01	TAW21A	01	2	TQ2	C3		15B			
08464		XA316	37			XA316	36							TAWP20	02	TAW61A	01	2	TQ2	C4		18B			
08465		XA316	36			XA316	42							TAWP20	03	TAW60A	01	2	TQ2	C2		17A			
													****	SIGNAL	(TAWP20	IS ON THE		NEXT PAGE		****					

DRAWING NUMBER		149019-800		STRING		UNIT ASSEMBLY NO.		149019		REF		INDEX		TAWP20										
UNIT ASSEMBLY NAME		CARD CAGE ASSY, I/O UNIT		FILE IDENT		T39BIUX2		DATE		09-03-82		PAGE		94										
RECORD NUMBER	FROM				TO				WIRE				SIGNAL	SEC NO	EQUATION	TERM	FACT	CKY OF CHIP TYPE	SNAP	LOAD CP POWER PLANE	TEST POINT	SIGNAL DESCRIPTION	ECO NO	
	PREFIX	CONNECTOR	PIN	SN PG	PREFIX	CONNECTOR	PIN	SN PG	MULTI GROUP	CODE	COLOR	IDENT												SPEC INST
08466		XA316	42		XA324	77			16B	9				TAWP20	04	TAW20A	01	2	TQ2	C1		20A	WRITE CONTROL PA	
08467		XA324	77											TAWP20	05	TAW200	00	1	THI	F6		38A		
08468		XA324	80		XA316	56			16B	9				TAWP30	01	TAWP30	00	1	THI	F1		38B	WRITE CONTROL PA	
08469		XA316	56		XA316	50			16B	9				TAWP30	02	TAW30A	01	2	TQ2	D1		26A		
08470		XA316	50		XA316	49			16B	9				TAWP30	03	TAW70A	01	2	TQ2	D2		23A		
08471		XA316	49		XA316	41			16B	9				TAWP30	04	TAW71A	01	2	TQ2	D4		26B		
08472		XA316	41											TAWP30	05	TAW31A	01	1	TQ2	D3		22B		
08473		XA310	11		XA316	06			16B	9				TAW00A	01	TAW000	01	1	THI	A1		07A		
08474		XA316	06											TAW00A	02	TAW00A	00	1	TQ2	A1		05A	WRITE1 BIT 0 PAGE	
08475		XA312	13		XA310	13			16B	9				TAW000	01	TAC00W1	01	1	MEM	AW		06B		
08476		XA310	13											TAW000	02	TAW000	00	1	THI	A1		06A	WRITE1 BIT0 PAGE	
08477		XA316	09		XA310	04			16B	9				TAW01A	01	TAW01A	00	1	TQ2	A3		04B	WRITE1 BIT1 PAGE	
08478		XA310	04											TAW01A	02	TAW010	01	1	THI	A3		02A		
08479		XA311	13		XA310	03			16B	9				TAW010	01	TAC01W1	01	1	MEM	AW		06B		
08480		XA310	03											TAW010	02	TAW010	00	1	THI	A3		03A	WRITE1 BIT1 PAGE	
08481		XA316	22		XA310	22			16B	9				TAW10A	01	TAW10A	00	1	TQ2	B1		12A	WRITE1 BIT0 PAGE	
08482		XA310	22											TAW10A	02	TAW100	01	1	THI	B1		14A		
08483		XA312	37		XA310	24			16B	9				TAW100	01	TAC10W1	01	1	MEM	BW		18B		
08484		XA310	24											TAW100	02	TAW100	00	1	THI	B1		13A	WRITE1 BIT0 PAGE	
08485		XA316	21		XA310	20			16B	9				TAW11A	01	TAW11A	00	1	TQ2	B3		10B	WRITE1 BIT1 PAGE	
08486		XA310	20											TAW11A	02	TAW110	01	1	THI	B3		10A		
08487		XA311	37		XA310	18			16B	9				TAW110	01	TAC11W1	01	1	MEM	9W		18B		
08488		XA310	18											TAW110	02	TAW110	00	1	THI	B3		09A	WRITE1 BIT1 PAGE	
08489		XA316	38		XA310	38			16B	9				TAW20A	01	TAW20A	00	1	TQ2	C1		18A	WRITE1 BIT0 PAGE	
08490		XA310	38											TAW20A	02	TAW200	01	1	THI	C1		20A		
08491		XA312	49		XA310	40			16B	9				TAW200	01	TAC20W1	01	1	MEM	CW		26B		
08492		XA310	40											TAW200	02	TAW200	00	1	THI	C1		19A	WRITE1 BIT0 PAGE	
08493		XA316	33		XA310	36			16B	9				TAW21A	01	TAW21A	00	1	TQ2	C3		16B	WRITE1 BIT1 PAGE	
08494		XA310	36											TAW21A	02	TAW210	01	1	THI	C3		16A		
08495		XA311	49		XA310	34			16B	9				TAW210	01	TAC21W1	01	1	MEM	CW		26B		
08496		XA310	34											TAW210	02	TAW210	00	1	THI	C3		15A	WRITE1 BIT1 PAGE	
08497		XA316	52		XA310	52			16B	9				TAW30A	01	TAW30A	00	1	TQ2	D1		24A	WRITE1 BIT0 PAGE	
08498		XA310	52											TAW30A	02	TAW300	01	1	THI	D1		26A		
08499		XA312	78		XA310	54			16B	9				TAW300	01	TAC30W1	01	1	MEM	DW		38A		
08500		XA310	54											TAW300	02	TAW300	00	1	THI	D1		25A	WRITE1 BIT0 PAGE	

DRAWING NUMBER 149019-800
 UNIT ASSEMBLY NAME CARD CAGE ASSY, I/O UNIT

STRING

UNIT ASSEMBLY NO. 149019
 FILE IDENT T398IUX2

REV G
 DATE 09-03-82

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RECORD NUMBER	FROM				TO				WIRE				SIGNAL	SFD NO	EQUATION	TERM	FACTOR	CKT OR CHIP TYPE	GROUP	LOAD OR POWER PLANE	TEST POINTS AND/OR	SIGNAL DESCRIPTION	ECO NO	
	PREFIX	CONNECTOR	PIN	WIRE NO	PREFIX	CONNECTOR	PIN	WIRE NO	MULTI GROUP	LOOSE	COLOR	IDENT												
08501		XA316	45			XA310	41						TAW31A	01	TAW31A	00	1	TQ2	D3		24B	WRITE1 BIT1 PAGE		
08502		XA310	41										TAW31A	02	TAW310	01	1	THI	D4		23B			
08503		XA311	78			XA310	46						TAW310	01	TAC31W1	01	1	MEM	DW		38A			
08504		XA310	46										TAW310	02	TAW310	00	1	THI	D4		22B	WRITE1 BIT1 PAGE		
08505		XA316	01			XA310	06						TAW40A	01	TAW40A	00	1	TQ2	A2		02B	WRITE0 BIT0 PAGE		
08506		XA310	06										TAW40A	02	TAW400	01	1	THI	A2		05A			
08507		XA312	07			XA310	08						TAW400	01	TAC00V1	01	1	MEM	AV		03A			
08508		XA310	08										TAW400	02	TAW400	00	1	THI	A2		04A	WRITE0 BIT0 PAGE		
08509		XA316	15			XA310	05						TAW41A	01	TAW41A	00	1	TQ2	A4		07B	WRITE0 BIT1 PAGE		
08510		XA310	05										TAW41A	02	TAW410	01	1	THI	A4		03B			
08511		XA311	07			XA310	01						TAW410	01	TAC01V1	01	1	MEM	AV		03A			
08512		XA310	01										TAW410	02	TAW410	00	1	THI	A4		02B	WRITE0 BIT1 PAGE		
08513		XA316	14			XA310	23						TAW50A	01	TAW50A	00	1	TQ2	B2		09A	WRITE0 BIT0 PAGE		
08514		XA310	23										TAW50A	02	TAW500	01	1	THI	B2		12A			
08515		XA312	31			XA310	25						TAW500	01	TAC10V1	01	1	MEM	BV		15B			
08516		XA310	25										TAW500	02	TAW500	00	1	THI	B2		11A	WRITE0 BIT0 PAGE		
08517		XA316	27			XA310	17						TAW51A	01	TAW51A	00	1	TQ2	B4		13B	WRITE0 BIT1 PAGE		
08518		XA310	17										TAW51A	02	TAW510	01	1	THI	B4		09B			
08519		XA311	31			XA310	14						TAW510	01	TAC11V1	01	1	MEM	BV		15B			
08520		XA310	14										TAW510	02	TAW510	00	1	THI	B4		08B	WRITE0 BIT1 PAGE		
08521		XA316	30			XA310	35						TAW60A	01	TAW60A	00	1	TQ2	C2		15A	WRITE0 BIT0 PAGE		
08522		XA310	35										TAW60A	02	TAW600	01	1	THI	C2		18A			
08523		XA312	43			XA310	37						TAW600	01	TAC20V1	01	1	MEM	CV		23B			
08524		XA310	37										TAW600	02	TAW600	00	1	THI	C2		17A	WRITE0 BIT0 PAGE		
08525		XA316	39			XA310	29						TAW61A	01	TAW61A	00	1	TQ2	C4		19B	WRITE0 BIT1 PAGE		
08526		XA310	29										TAW61A	02	TAW610	01	1	THI	C4		15B			
08527		XA311	43			XA310	30						TAW610	01	TAC21V1	01	1	MEM	CV		23B			
08528		XA310	30										TAW610	02	TAW610	00	1	THI	C4		14B	WRITE0 BIT1 PAGE		
08529		XA316	46			XA310	50						TAW70A	01	TAW70A	00	1	TQ2	D2		21A	WRITE0 BIT0 PAGE		
08530		XA310	50										TAW70A	02	TAW700	01	1	THI	D3		22A			
08531		XA312	74			XA310	48						TAW700	01	TAC30V1	01	1	MEM	DV		35B			
08532		XA310	48										TAW700	02	TAW700	00	1	THI	D3		21A	WRITE0 BIT0 PAGE		
													****	SIGNAL	(TAW71A	IS ON THE NEXT PAGE				****				

DRAWING NUMBER UNIT ASSEMBLY NAME		149019-800 CARD CAGE ASSY, I/O UNIT		STRING		UNIT ASSEMBLY NO. FILE IDENT		149019 T39BIUX2		REV DATE		INDEX PAGE		TAW71A 96								
RECORD NUMBER	FROM			TO			WIRE			SPEC INST	SIGNAL	SEQ NO	EQUATION	T-TRK	T-TRK	T-TRK	CKT OR CHIP TYPE	DIAG	LOAD OR POWER PLANE	TEST POINTS (KND) JP	SIGNAL DESCRIPTION	ECC NO
	PREFIX	CONNECTOR	PIN	PIN	CONNECTOR	PIN	SIZE	MULTI GROUP	CODE													
08533		XA316	51		XA310	45			16B	9		TAW71A	01	TAW71A	00	1	TQ2	D4		27B	WRITE0 BIT1 PAGE	
08534		XA310	45									TAW71A	02	TAW710	01	1	THI	D5		25B		
08535		XA311	74		XA310	43			16B	9		TAW710	01	TAC3LV1	01	1	MEM	DV		35B		
08536		XA310	43									TAW710	02	TAW710	00	1	THI	D5		24B	WRITE0 BIT1 PAGE	
08537		XA428	64		XA442	11			16B	9		TA00BP	01	TA00C0	01	1	THI	E1		33A		
08538		XA442	11									TA00BP	02	TA00BP	00	1	TDD	AP		05B	ADD REG 0 PRERES	
08539		XA109	04		XA207	10			16B	9		TA00BQ	01	TD207A	01	1	TQ2	A2		04A		
08540		XA207	10		XA415	23			16B	9		TA00BQ	02	TK250A	01	2	TQ2	A1		07A		
08541		XA415	23		XA439	27			16B	9		TA00BQ	03	TCSXMO	01	1	TQ2	B4		11B		
08542		XA439	27		XA442	13			16B	9		TA00BQ	04	TA00CA	01	1	THI	B6		13B		
08543		XA442	13									TA00BQ	05	TA00BQ	00	1	TDD	AQ		06B	ADD REG 0 PRESET	
08544		XA441	26		XA439	26			16B	9		TA00CA	01	TCSCCA	01	4	TD4	B1		14A		
08545		XA439	26									TA00CA	02	TA00CA	00	1	THI	B6		12B	ADD REG 0 UNLOAD	
08546		XA427	40		XA428	66			16B	9		TA00C0	01	TA00SD	01	1	TLD	C1		19A		
08547		XA428	66									TA00C0	02	TA00C0	00	1	THI	E1		32A	ADD REG 0 UNLOAD	
08548		XA427	38								J	TA00SD	01	TA00SD	00	1	TLD	C1		18A	JDB00B4 BUSS	
08549		XA436	39		XA442	08			16B	9		TA0010	01	TA0010	00	1	TT3	C3		19B	SET ADD REG 0 FF	
08550		XA442	08									TA0010	02	TA00B1	01	1	TDD	AI		06A		
08551		XA440	38		XA436	35			16B	9		TA002A	01	TA002A	00	1	TQ2	C1		18A	AUCT TO BIT 0 AD	
08552		XA436	35									TA002A	02	TA0010	01	2	TT3	C3		17B		
08553		XA436	33		XA440	30			16B	9		TA004A	01	TA0010	01	1	TT3	C3		16B		
08554		XA440	30									TA004A	02	TA004A	00	1	TQ2	C2		15A	ADD OF CMD TO AD	
08555		XA442	09		XA441	14			16B	9		TA01BP	01	TA01BP	00	1	TDD	BP		04B	ADD PEG 1 PRERES	
08556		XA441	14		XA441	22			16B	9		TA01BP	02	TCS1AA	01	1	TD4	B2		09A		
08557		XA441	22		XA441	34			16B	9		TA01BP	03	TCSCCA	01	1	TD4	B1		12A		
08558		XA441	34		XA441	38			16B	9		TA01BP	04	TCS3AA	01	3	TD4	C2		16A		
08559		XA441	38		XA428	62			16B	9		TA01BP	05	TCS2AA	01	2	TD4	C1		18A		
08560		XA428	62		XA414	06			16B	9		TA01BP	06	TA01C0	01	1	THI	E3		29A		
08561		XA414	06									TA01BP	07	TCS0AA	01	1	TT3	A1		05A		
08562		XA441	68		XA441	62			16B	9		TA01BQ	01	TCS6AA	01	3	TD4	E1		32A		
08563		XA441	62		XA441	54			16B	9		TA01BQ	02	TCS7AA	01	3	TD4	E2		29A		
08564		XA441	54		XA441	46			16B	9		TA01BQ	03	TCS4AA	01	3	TD4	D1		25A		
08565		XA441	46		XA442	07			16B	9		TA01BQ	04	TCS5AA	01	2	TQ4	D2		21A		
08566		XA442	07		XA207	05			16B	9		TA01BQ	05	TA01BQ	00	1	TDD	BQ		03A	ADD REG 1 PRESET	
08567		XA207	05		XA109	07			16B	9		TA01BQ	06	TK260A	01	2	TQ2	A2		03B		
08568		XA109	07									TA01BQ	07	TD217A	01	2	TQ2	A3		03A		
08569		XA427	34		XA428	60			16B	9		TA01C0	01	TA01SD	01	1	TLD	C2		16A		
08570		XA428	60									TA01C0	02	TA01C0	00	1	THI	E3		28A	ADD REG 1 UNLOAD	

DRAWING NUMBER 149019-800										STRING		UNIT ASSEMBLY NO. 149019		REV G		INDEX TA01C0						
UNIT ASSEMBLY NAME CARD CAGE ASSY, I/O UNIT										PART IDENT T39RIUX2		DATE 09-03-82		PAGE 97								
RECORD NUMBER	PREFIX	CONNECTOR	PIN	TO	PIN	WIRE	WIRE	WIRE	WIRE	WIRE	SIGNAL	SEC NO	EQUATION	UNIT	FACTS	CAT OR CHIP TYPE	GROUP	LOAD OR POWER PLANE	TEST POINTS AND/OR	SIGNAL DESCRIPTION	ECO NO	
08571		XA427	30								J TA01SD	01	TA01SD	00	1	TLD	C2		15A	JDB01B4 BUSS		
08572		XA436	50		XA442	05		16B	9		TA0110	01	TA0110	00	1	TT3	D1		23A	SET ADD REG 1 FF		
08573		XA442	05								TA0110	02	TA01BI	01	1	TOD	B1		03B			
08574		XA414	07		XA436	56		16B	9		TA012A	01	TA012A	00	1	TT3	A2		03A	AUCT TO BIT 1 AD		
08575		XA436	56								TA012A	02	TA0110	01	3	TT3	D1		26A			
08576		XA436	54		XA414	15		16B	9		TA013A	01	TA0110	01	2	TT3	D1		25A			
08577		XA414	15								TA013A	02	TA013A	00	1	TT3	A3		07B	IOM REG ADD TO R		
08578		XA440	52		XA436	52		16B	9		TA014A	01	TA014A	00	1	TQ2	D1		24A	ADD CF CMD TO AD		
08579		XA436	52								TA014A	02	TA0110	01	1	TT3	D1		24A			
08580		XA441	18		XA441	24		16B	9		TA02BP	01	TCS1AA	01	2	T04	B2		10A			
08581		XA441	24		XA442	23		16B	9		TA02BP	02	TCSCCA	01	2	T04	B1		13A			
08582		XA442	23		XA441	48		16B	9		TA02BP	03	TA02BP	00	1	TOD	CP		11B	ADD REG 2 PRERES		
08583		XA441	48		XA441	52		16B	9		TA02BP	04	TCS5AA	01	3	T04	D2		22A			
08584		XA441	52		XA428	55		16B	9		TA02BP	05	TCS4AA	01	2	T04	D1		24A			
08585		XA428	55		XA414	08		16B	9		TA02BP	06	TA02C0	01	1	THI	E4		29B			
08586		XA414	08								TA02BP	07	TCS0AA	01	2	TT3	A1		06A			
08587		XA441	66		XA441	55		16B	9		TA02BQ	01	TCS6AA	01	2	T04	E1		31A			
08588		XA441	55		XA441	37		16B	9		TA02BQ	02	TCS7AA	01	1	T04	E2		29B			
08589		XA441	37		XA441	31		16B	9		TA02BQ	03	TCS2AA	01	1	T04	C1		18B			
08590		XA441	31		XA442	25		16B	9		TA02BQ	04	TCS3AA	01	2	T04	C2		15B			
08591		XA442	25		XA207	07		16B	9		TA02BQ	05	TA02BQ	00	1	TOD	CQ		12B	ADD REG 2 PRESET		
08592		XA207	07		XA109	13		16B	9		TA02BQ	06	TK270A	01	2	TQ2	A3		03A			
08593		XA109	13								TA02BQ	07	TD227A	01	2	TQ2	A4		06B			
08594		XA427	29		XA428	56		16B	9		TA02C0	01	TA02SD	01	1	TLD	C3		14B			
08595		XA428	56								TA02C0	02	TA02C0	00	1	THI	E4		28B	ADD REG 2 UNLOAD		
08596		XA427	33								J TA02SD	01	TA02SD	00	1	TLD	C3		16B	JDB02B4 BUSS		
08597		XA436	43		XA442	24		16B	9		TA0210	01	TA0210	00	1	TT3	D2		23B	SET ADD REG 2 FF		
08598		XA442	24								TA0210	02	TA02BI	01	1	TOD	C1		13A			
08599		XA414	20		XA436	46		16B	9		TA022A	01	TA022A	00	1	TT3	B1		11A	AUCT TO ADD REG		
08600		XA436	46								TA022A	02	TA0210	01	2	TT3	D2		21A			
08601		XA436	48		XA414	19		16B	9		TA023A	01	TA0210	01	3	TT3	D2		22A			
08602		XA414	19								TA023A	02	TA023A	00	1	TT3	B2		09B	IOM REG, ADD TO R		
08603		XA440	51		XA436	41		16B	9		TA024A	01	TA024A	00	1	TQ2	D4		27B	ADD CF CMD TO AD		
08604		XA436	41								TA024A	02	TA0210	01	1	TT3	D2		22B			
08605		XA442	21		XA441	25		16B	9		TA03BP	01	TA03BP	00	1	TOD	DP		10B	ADD REG 3 PRERES		
											****	SIGNAL (TA03BP)				IS ON THE				NEXT PAGE ****		

DRAWING NUMBER		149019-800							STRING			UNIT ASSEMBLY NO.		149019		REV	G	INDEX		TA03BP						
UNIT ASSEMBLY NAME		CARD CAGE ASSY, I/O UNIT										FILE IDENT		T39BIUX2		DATE		09-03-82		PAGE		98				
RECORD NUMBER	PREFIX	CONNECTOR	PIN	SH PG	PREFIX	CONNECTOR	PIN	SH PG	MULTI GROUP	CODE	COLOR	IDENT	SIG INST	SIGNAL	SEC NO	EQUATION	TERM	FACT	CKT OP CHIP TYPE	GROUP	LOAD CP POWER PLANE	PIN POINTS	SIGNAL DESCRIPTION	ECO NO		
08606		XA441	25											TA03BP	02	TCSCCA	01	3	T04	B1		12B				
08607		XA441	40			XA441	40			16B	9			TA03BP	03	TCS2AA	01	3	T04	C1		19A				
08608		XA441	49			XA441	61			16B	9			TA03BP	04	TCS4AA	01	1	T04	D1		26B				
08609		XA441	61			XA428	59			16B	9			TA03BP	05	TCS6AA	01	1	T04	E1		32B				
08610		XA428	59			XA414	10			16B	9			TA03BP	06	TA03C0	01	1	THI	E5		31B				
08611		XA414	10											TA03BP	07	TCS0AA	01	3	TT3	A1		07A				
08612		XA109	24			XA207	11			16B	9			TA03BQ	01	TD237A	01	1	TQ2	B1		13A				
08613		XA207	11			XA441	19			16B	9			TA03BQ	02	TK280A	01	1	TQ2	A4		05B				
08614		XA441	19			XA442	19			16B	9			TA03BQ	03	TCS1AA	01	3	T04	B2		09B				
08615		XA442	19			XA441	30			16B	9			TA03BQ	04	TA03BQ	00	1	TDD	DQ		09B	ADD REG 3 PRESET			
08616		XA441	30			XA441	43			16B	9			TA03BQ	05	TCS3AA	01	1	T04	C2		15A				
08617		XA441	43			XA441	60			16B	9			TA03BQ	06	TCS5AA	01	1	T04	D2		23B				
08618		XA441	60											TA03BQ	07	TC57AA	01	2	T04	E2		28A				
08619		XA427	35			XA428	57			16B	9			TA03C0	01	TA03SD	01	1	TLD	C4		17B				
08620		XA428	57											TA03C0	02	TA03C0	00	1	THI	E5		30B	ADD REG 3 UNLOAD			
08621		XA427	39										J	TA03SD	01	TA03SD	00	1	TLD	C4		19B	JDB0384 BUSS			
08622		XA436	51			XA442	18			16B	9			TA0310	01	TA0310	00	1	TT3	D3		27B	SET ADD REG 3 FF			
08623		XA442	18											TA0310	02	TA03BI	01	1	TDD	D1		10A				
08624		XA414	27			XA436	49			16B	9			TA032A	01	TA032A	00	1	TT3	B3		13B	AUCT TO BIT 3 AD			
08625		XA436	49											TA032A	02	TA0310	01	3	TT3	D3		26B				
08626		XA436	47			XA414	36			16B	9			TA033A	01	TA0310	01	2	TT3	D3		25B				
08627		XA414	36											TA033A	02	TA033A	00	1	TT3	C1		17A	IOM REG, ADD TO			
08628		XA440	57			XA436	45			16B	9			TA034A	01	TA034A	00	1	TQ2	E3		30B	ADD OF CMD TO AD			
08629		XA436	45											TA034A	02	TA0310	01	1	TT3	D3		24B				
08630		XA428	61			XA434	56			16B	9			TA04BP	01	TA04C0	01	1	THI	E2		31A				
08631		XA434	56			XA434	48			16B	9			TA04BP	02	TDA1BA	01	3	TT3	D1		26A				
08632		XA434	48			XA434	45			16B	9			TA04BP	03	TDA2BA	01	3	TT3	D2		22A				
08633		XA434	45			XA434	37			16B	9			TA04BP	04	TDA3BA	01	1	TT3	D3		24B				
08634		XA434	37			XA442	35			16B	9			TA04BP	05	TDA0BA	01	3	TT3	C3		18B				
08635		XA442	35											TA04BP	06	TA04BP	00	1	TDD	EP		17B	ADD REG 4 PRERES			
08636		XA109	18			XA207	24			16B	9			TA04BQ	01	TD247A	01	1	TQ2	B2		10A				
08637		XA207	24			XA434	79			16B	9			TA04BQ	02	TK290A	01	1	TQ2	B1		13A				
08638		XA434	79			XA434	61			16B	9			TA04BQ	03	TDA7BA	01	3	TT3	F1		39B				
08639		XA434	61			XA434	66			16B	9			TA04BQ	04	TDA6BA	01	3	TT3	E3		32B				
08640		XA434	66			XA434	60			16B	9			TA04BQ	05	TDA4BA	01	1	TT3	F1		31A				
08641		XA434	60			XA442	37			16B	9			TA04BQ	06	TDA5BA	01	2	TT3	E2		28A				
08642		XA442	37											TA04BQ	07	TA04BQ	00	1	TDD	EQ		18B	ADD REG 4 PRESET			
08643		XA427	54			XA428	63			16B	9			TA04C0	01	TA04SD	01	1	TLD	D1		25A				
08644		XA428	63											TA04C0	02	TA04C0	00	1	THI	E2		30A	ADD REG 4 UNLOAD			
														****	SIGNAL	(TA04SD)					IS ON THE	NEXT PAGE		****		

DRAWING NUMBER		149019-800		STRING		UNIT ASSEMBLY NO.		149019		REV		G		INDEX		TA04SD						
UNIT ASSEMBLY NAME		CARD CAGE ASSY, I/O UNIT				FILE IDENT		T39BIUX2		DATE		09-03-82		PAGE		99						
RECORD NUMBER	FROM			TO			WIRE				SIGNAL	SEQ NO	EQUATION	TERM	FACTOR	CKT OR CHIP TYPE	GROUP	LOAD OR POWER PLANE	TEST POINTS AND/OR	SIGNAL DESCRIPTION	ECO NO	
	PREFIX	CONNECTOR	PIN	PREFIX	CONNECTOR	PIN	SN	FG	MULTI GROUP	CODE												COLOR
08645		XA427	52									J	TA04SD	01	TA04SD	00	1	TLD	D1	24A	JDB04B4 BUSS	
08646		XA436	64		XA442	40				16B	9		TA0410	01	TA0410	00	1	TT3	E1	30A	SET ADD REG 4 FF	
08647		XA442	40										TA0410	02	TA04BI	01	1	TDD	E1	19A		
08648		XA440	63		XA436	68				16B	9		TA042A	01	TA042A	00	1	TQ2	E4	33B	AUCT TO BIT 4 AD	
08649		XA436	68										TA042A	02	TA0410	01	2	TT3	E1	32A		
08650		XA436	66		XA440	72				16B	9		TA044A	01	TA0410	01	1	TT3	E1	31A	ADD OF CMD TO AD	
08651		XA440	72										TA044A	02	TA044A	00	1	TQ2	F2	34A		
08652		XA441	09		XA440	59				16B	9		TA0450	01	TA0450	00	1	TD4	A2	04B	DEV ADD 4+5+6+7	
08653		XA440	59										TA0450	02	TA042A	01	1	TQ2	E4	31B		
08654		XA428	65		XA434	68				16B	9		TA05BP	01	TA05C0	01	1	THI	E6	33B		
08655		XA434	68		XA434	62				16B	9		TA05BP	02	TDA4BA	01	2	TT3	E1	32A		
08656		XA434	62		XA434	54				16B	9		TA05BP	03	TDA5BA	01	3	TT3	E2	29A		
08657		XA434	54		XA434	35				16B	9		TA05BP	04	TDA1BA	01	2	TT3	D1	25A		
08658		XA434	35		XA442	33				16B	9		TA05BP	05	TDA0BA	01	2	TT3	C3	17B		
08659		XA442	33										TA05BP	06	TA05BP	00	1	TDD	FP	16B	ADD REG 5 PRERES	
08660		XA442	31		XA434	46				16B	9		TA05BQ	01	TA05BQ	00	1	TDD	FQ	15B	ADD REG 5 PRESET	
08661		XA434	46		XA434	49				16B	9		TA05BQ	02	TDA2BA	01	2	TT3	D2	21A		
08662		XA434	49		XA434	57				16B	9		TA05BQ	03	TDA3BA	01	3	TT3	D3	26B		
08663		XA434	57		XA434	75				16B	9		TA05BQ	04	TDA6BA	01	1	TT3	E3	30B		
08664		XA434	75		XA210	70				16B	9		TA05BQ	05	TDA7BA	01	1	TT3	F1	37B		
08665		XA210	70		XA207	20				16B	9		TA05BQ	06	TD257A	01	2	TQ2	E1	33A		
08666		XA207	20										TA05BQ	07	TK300A	01	2	TQ2	B2	11A		
08667		XA427	50		XA428	68				16B	9		TA05C0	01	TA05SD	01	2	TLD	D2	23A		
08668		XA428	68										TA05C0	02	TA05C0	00	1	THI	E6	32B	ADD REG 5 UNLOAD	
08669		XA427	46									J	TA05SD	01	TA05SD	00	1	TLD	D2	21A	JDB05B4 BUSS	
08670		XA436	55		XA442	34				16B	9		TA0510	01	TA0510	00	1	TT3	E2	29B	SET ADD REG 5 FF	
08671		XA442	34										TA0510	02	TA05BI	01	1	TDD	F1	16A		
08672		XA438	75		XA436	53				16B	9		TA052A	01	TA052A	00	1	TQ2	F1	37B	AUCT TO BIT 5 AD	
08673		XA436	53										TA052A	02	TA0510	01	1	TT3	E2	28B		
08674		XA436	60		XA438	69				16B	9		TA054A	01	TA0510	01	2	TT3	E2	28A		
08675		XA438	69										TA054A	02	TA054A	00	1	TQ2	F3	35A	ADD OF CMD TO AD	
08676		XA428	76		XA434	70				16B	9		TA06BP	01	TA06C0	01	1	THI	F5	37A		
08677		XA434	70		XA434	59				16B	9		TA06BP	02	TDA4BA	01	3	TT3	E1	33A		
08678		XA434	59		XA434	33				16B	9		TA06BP	03	TDA6BA	01	2	TT3	E3	31B		
08679		XA434	33		XA434	41				16B	9		TA06BP	04	TDA0BA	01	1	TT3	C3	16B		
08680		XA434	41		XA442	47				16B	9		TA06BP	05	TDA2BA	01	1	TT3	D2	22B		
08681		XA442	47										TA06BP	06	TA06BP	00	1	TDD	GP	25B	ADD REG 6 PRERES	
											****	SIGNAL	(TA06BQ)	IS ON THE NEXT PAGE				****				

DRAWING NUMBER 149019-800
 UNIT ASSEMBLY NAME CARD CAGE ASSY, I/O UNIT

STRING

UNIT ASSEMBLY NO. 149019
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RECORD NUMBER	FROM			TO			WIRE			SPEC INET MISC	SIGNAL	SEQ NO	EQUATION	TERM	FACTOR	CKT OR CHIP TYPE	OHMS	LOAD OR POWER PLANE	TEST POINTS AND OP	SIGNAL DESCRIPTION	ECO NO
	PREFIX	CONNECTOR	PIN	PREFIX	CONNECTOR	PIN	MULTI GROUP	CODE	COL 35												
08682		XA109	19		XA207	17		16B	9		TA06BQ	01	TD297A	01	2	TQ2	B3	09B			
08683		XA207	17		XA434	77		16B	9		TA06BQ	02	TK310A	01	1	TQ2	B3	08B			
08684		XA434	77		XA434	47		16B	9		TA06BQ	03	TDA7BA	01	2	TT3	F1	38B			
08685		XA434	47		XA434	53		16B	9		TA06BQ	04	TDA3BA	01	2	TT3	D3	25B			
08686		XA434	53		XA434	52		16B	9		TA06BQ	05	TDA5BA	01	1	TT3	E2	28B			
08687		XA434	52		XA442	49		16B	9		TA06BQ	06	TDA1BA	01	1	TT3	D1	24A			
08688		XA442	49								TA06BQ	07	TA06BQ	00	1	TDD	GQ	26B		ADD REG 6 PRESET	
08689		XA427	43		XA428	78		16B	9		TA06C0	01	TA06SD	01	2	TLD	D3	23B			
08690		XA428	78								TA06C0	02	TA06C0	00	1	THI	F5	36A		ADD REG 6 UNLOAD	
08691		XA427	45							J	TA06SD	01	TA06SD	00	1	TLD	D3	24B		JDB06B4 BUSS	
08692		XA436	63		XA442	54		16B	9		TA06I0	01	TA06I0	00	1	TT3	E3	33B		SET ADD REG 6 FF	
08693		XA442	54								TA06I0	02	TA06BI	01	1	TDD	G1	25A			
08694		XA438	80		XA436	57		16B	9		TA062A	01	TA062A	00	1	TQ2	F4	39A		AUCT TO BIT 6 AD	
08695		XA436	57								TA062A	02	TA06I0	01	1	TT3	E3	30B			
08696		XA440	80		XA436	59		16B	9		TA064A	01	TA064A	00	1	TQ2	F4	39A		ADD OF CMD TO AD	
08697		XA436	59								TA064A	02	TA06I0	01	2	TT3	E3	31B			
08698		XA149	62		XA150	20		16B	9		TBB1AA	01	TBB120	01	1	TQ2	E2	29A			
08699		XA150	20		XA139	04		16B	9		TBB1AA	02	TBB1AA	00	1	TT3	B1	11A		BYTE1	
08700		XA139	04								TBB1AA	03	TBB1A0	01	1	THI	A3	02A			
08701		XA122	79		XA134	75		16B	9		TBB1A0	01	TDL11A	01	3	TT3	F1	39B			
08702		XA134	75		XA137	33		16B	9		TBB1A0	02	TCMW2A	01	1	TT3	F1	37B			
08703		XA137	33		XA139	03		16B	9		TBB1A0	03	TBY1CA	01	1	TT3	C3	16B			
08704		XA139	03								TBB1A0	04	TBB1A0	00	1	THI	A3	03A		BYTE 1	
08705		XA149	60		XA150	77		16B	9		TBB120	01	TBB120	00	1	TQ2	E2	28A		BYTE 1+2 BOOTSTR	
08706		XA150	77		XA351	60		16B	9		TBB120	02	TBD1GA	01	2	TT3	F1	38B			
08707		XA351	60								TBB120	03	TC015A	01	2	TT3	E2	28A			
08708		XA149	64		XA150	19		16B	9		TBB2AA	01	TBB120	01	2	TQ2	E2	30A			
08709		XA150	19		XA139	05		16B	9		TBB2AA	02	TBB2AA	00	1	TT3	B2	09B		BYTE 2	
08710		XA139	05								TBB2AA	03	TBB2A0	01	1	THI	A4	03B			
08711		XA122	78		XA134	71		16B	9		TBB2A0	01	TDL12A	01	3	TT3	F3	38A			
08712		XA134	71		XA137	56		16B	9		TBB2A0	02	TCMW4A	01	2	TT3	F2	36A			
08713		XA137	56		XA139	01		16B	9		TBB2A0	03	TBY2CA	01	3	TT3	D1	26A			
08714		XA139	01								TBB2A0	04	TBB2A0	00	1	THI	A4	02B		BYTE 2	
08715		XA150	27		XA139	09		16B	9		TBB3AA	01	TBB3AA	00	1	TT3	B3	13B		BYTE 3	
08716		XA139	09								TBB3AA	02	TBB3A0	01	1	THI	A5	05B			
08717		XA137	45		XA139	07		16B	9		TBB3A0	01	TB1X2A	01	1	TT3	D3	24B			
08718		XA139	07		XA145	05		16B	9		TBB3A0	02	TBB3A0	00	1	THI	A5	04B		BYTE 3	
08719		XA145	05								TBB3A0	03	TBD35A	01	3	TT3	A2	03B			

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UNIT ASSEMBLY NAME CARD CAGE ASSY, I/O UNIT

STRING

UNIT ASSEMBLY NO. 149019
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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	SIGNAL DESCRIPTION	ECO NO	
	PREFIX	CONNECTOR	PIN	PREFIX	CONNECTOR	PIN	SIZE	GROUP	CODE													COLOR
08720		XA150	36		XA139	15			168	9		TBB4AA	01	TBB4AA	00	1	TT3	C1	17A	BYTE 4		
08721		XA139	15									TBB4AA	02	TBB4A0	01	1	THI	A6	07B			
08722		XA137	66		XA139	10			168	9		TBB4A0	01	TB2X2A	01	1	TT3	E1	31A	BYTE 4		
08723		XA139	10									TBB4A0	02	TBB4A0	00	1	THI	A6	06B			
08724		XA150	31		XA139	22			168	9		TBB5AA	01	TBB5AA	00	1	TT3	C2	15B	BYTE 5		
08725		XA139	22									TBB5AA	02	TBB5A0	01	1	THI	B1	14A			
08726		XA137	60		XA139	24			168	9		TBB5A0	01	TB3X2A	01	2	TT3	E2	28A	BYTE 5		
08727		XA139	24									TBB5A0	02	TBB5A0	00	1	THI	B1	13A			
08728		XA150	39		XA139	23			168	9		TBB6AA	01	TBB6AA	00	1	TT3	C3	19B	BYTE 6		
08729		XA139	23									TBB6AA	02	TBB6A0	01	1	THI	B2	12A			
08730		XA122	46		XA139	25			168	9		TBB6A0	01	TB4X2A	01	2	TT3	D2	21A	BYTE 6		
08731		XA139	25									TBB6A0	02	TBB6A0	00	1	THI	B2	11A			
08732		XA150	50		XA139	20			168	9		TBB7AA	01	TBB7AA	00	1	TT3	D1	23A	BYTE 7 COUNT-A B		
08733		XA139	20									TBB7AA	02	TBB7A0	01	1	THI	B3	10A			
08734		XA115	79		XA137	24			168	9		TBB7A0	01	TBT13A	01	2	TQ2	F1	39B	BYTE 7 COUNT-0		
08735		XA137	24		XA139	18			168	9		TBB7A0	02	TBC24A	01	2	TT3	B1	13A			
08736		XA139	18		XA149	10			168	9		TBB7A0	03	TBB7A0	00	1	THI	B3	09A			
08737		XA149	10		XA340	18			168	9		TBB7A0	04	TBD27A	01	2	TQ2	A1	07A	BYTE 7 COUNT-0		
08738		XA340	18		XA340	22			168	9		TBB7A0	05	TBLP1A	01	3	TT3	B2	10A			
08739		XA340	22		XA340	21			168	9		TBB7A0	06	TBLP0A	01	1	TT3	B1	12A	BYTE 7 COUNT-0		
08740		XA340	21		XA340	42			168	9		TBB7A0	07	TBLP2A	01	1	TT3	B3	10B			
08741		XA340	42									TBB7A0	08	TBLP3A	01	3	TT3	C1	20A			
08742		XA150	43		XA151	64			168	9		TBCRSA	01	TBCRSA	00	1	TT3	D2	23B	BYTE COUNTER RES		
08743		XA151	64		XA151	75			168	9		TBCRSA	02	TBC1BP	01	1	TDD	KP	30A			
08744		XA151	75		XA151	73			168	9		TBCRSA	03	TBC2BP	01	1	TDD	LP	37B	BYTE COUNTER RES		
08745		XA151	73		XA148	73			168	9		TBCRSA	04	TBC3BP	01	1	TDD	MP	36B			
08746		XA148	73									TBCRSA	05	TBC4BP	01	1	TDD	MP	36B			
08747		XA305	37		XA330	77			168	9		TBC1BP	01	TI232A	01	1	T04	C1	18B	BYTE COUNTER RES		
08748		XA330	77		XA333	40			168	9		TBC1BP	02	TI211A	01	6	TS8	F1	38B			
08749		XA333	40		XA139	62			168	9		TBC1BP	03	TS072A	01	7	TS8	C1	19A	BYTE COUNTER RES		
08750		XA139	62		XA147	64			168	9		TBC1BP	04	TBC1C0	01	1	THI	E3	29A			
08751		XA147	64		XA151	57			168	9		TBC1BP	05	TI121A	01	5	TS8	E1	30A	BYTE COUNTER RES		
08752		XA151	57									TBC1BP	06	TBC1BP	00	1	TDD	KP	30B			
08753		XA351	68		XA236	77			168	9		TBC1BQ	01	TS203A	01	2	TT3	E1	32A	BYTE COUNTER RES		
08754		XA236	77		XA150	47			168	9		TBC1BQ	02	TI120A	01	2	T04	F1	38B			
08755		XA150	47		XA151	55			168	9		TBC1BQ	03	TBD15A	01	2	TT3	D3	25B	BYTE COUNTER RES		
08756		XA151	55		XA149	77			168	9		TBC1BQ	04	TBC1BQ	00	1	TDD	KQ	29B			
08757		XA149	77		XA128	74			168	9		TBC1BQ	05	TBD21A	01	1	TQ2	F1	38B			
											****	SIGNAL	TBC1BQ	IS ON THE NEXT PAGE				****				

DRAWING NUMBER		149019-800		STRING		UNIT ASSEMBLY NO.		149019		REV		G		INDEX		TBC1BQ			
UNIT ASSEMBLY NAME		CARD CAGE ASSY, I/O UNIT		FILE IDENT		T39BIUX2		DATE		09-03-82		PAGE		102					
RECORD NUMBER	FROM			TO			WIRE			SIGNAL	SEC NO	EQUATION	TERMINAL	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	EVENT										
08758		XA128	74		XA112	47		16B	9		TBC1BQ	06	TXC13A	01	4	TS8	F1	35B	
08759		XA112	47								TBC1BQ	07	TI3B1A	01	1	TQ2	D4	25B	
08760		XA413	77		XA136	37		16B	9		TBC1C0	01	TBC1SD	01	1	TLD	F1	38B	BUSS FOR CTS DIS
08761		XA136	37		XA139	60		16B	9		TBC1C0	02	TBD12A	01	1	TD4	C1	18B	
08762		XA139	60		XA147	18		16B	9		TBC1C0	03	TBC1C0	00	1	THI	E3	28A	BYTE 1 OVERLOAD
08763		XA147	18								TBC1C0	04	TBD14A	01	2	TS8	B1	10A	
08764		XA413	75							J	TBC1SD	01	TBC1SD	00	1	TLD	F1	37B	JDB27B4 BUSS
08765		XA150	17		XA150	35		16B	9		TBC2BP	01	TBB2AA	01	2	TT3	B2	08B	
08766		XA150	35		XA150	38		16B	9		TBC2BP	02	TBB6AA	01	2	TT3	C3	17B	
08767		XA150	38		XA151	76		16B	9		TBC2BP	03	TBB4AA	01	1	TT3	C1	18A	
08768		XA151	76		XA149	73		16B	9		TBC2BP	04	TBC2BP	00	1	TDD	LP	37A	BYTE COUNTER-2 F
08769		XA149	73		XA149	59		16B	9		TBC2BP	05	TBD22A	01	2	TQ2	F2	36B	
08770		XA149	59		XA139	61		16B	9		TBC2BP	06	TBD13A	01	1	TQ2	E4	31B	
08771		XA139	61								TBC2BP	07	TBC2C0	01	1	THI	E2	31A	
04931		XA112	04		XA136	36		16B	9		TBC2BQ	005	TER6AA	01	1	TQ2	A2	04A	C08
08772		XA136	36		XA145	03		16B	9		TBC2BQ	01	TBD23A	01	4	TD4	C2	17A	
08773		XA145	03		XA145	10		16B	9		TBC2BQ	02	TBD35A	01	2	TT3	A2	02A	
08774		XA145	10		XA146	08		16B	9		TBC2BQ	03	TBD32A	01	3	TT3	A1	07A	
08775		XA146	08		XA150	52		16B	9		TBC2BQ	04	TBD31A	01	1	TQ2	A1	06A	
08776		XA150	52		XA149	78		16B	9		TBC2BQ	05	TBB7AA	01	1	TT3	D1	24A	
08777		XA149	78		XA151	78		16B	9		TBC2BQ	06	TBD26A	01	2	TQ2	F4	38A	
08778		XA151	78								TBC2BQ	07	TBC2BQ	00	1	TDD	LQ	38A	BYTE COUNTER -2
08779		XA150	23		XA150	22		16B	9		TBC2C0	01	TBB3AA	01	2	TT3	B3	11B	
08780		XA150	22		XA150	34		16B	9		TBC2C0	02	TBB1AA	01	1	TT3	B1	12A	
08781		XA150	34		XA139	63		16B	9		TBC2C0	03	TBB5AA	01	3	TT3	C2	16A	
08782		XA139	63		XA413	71		16B	9		TBC2C0	04	TBC2C0	00	1	THI	E2	30A	BYTE COUNTER 2 U
08783		XA413	71								TBC2C0	05	TBC2SD	01	1	TLD	F2	36A	BUSS FOR CTS DIS
08784		XA413	72							J	TBC2SD	01	TBC2SD	00	1	TLD	F2	34A	JDB28B4 BUSS
08785		XA149	74		XA151	69		16B	9		TBC3BP	01	TBD25A	01	2	TQ2	F3	35B	
08786		XA151	69		XA150	40		16B	9		TBC3BP	02	TBC3BP	00	1	TDD	MP	35A	BYTE COUNTER 3 F
08787		XA150	40		XA150	26		16B	9		TBC3BP	03	TBB4AA	01	2	TT3	C1	19A	
08788		XA150	26		XA150	29		16B	9		TBC3BP	04	TBB1AA	01	3	TT3	B1	14A	
08789		XA150	29		XA145	06		16B	9		TBC3BP	05	TBB5AA	01	1	TT3	C2	14B	
08790		XA145	06								TBC3BP	06	TBD32A	01	1	TT3	A1	05A	
08791		XA413	65		XA112	05		18B	9		TBC3BQ	01	TBC3SD	01	1	TLD	F3	34B	BUSS FOR CTS DIS
04896		XA112	05		XA136	26		16B	9		TBC3BQ	015	TER6AA	01	2	TQ2	A2	03B	C08
08792		XA136	26		XA146	07		16B	9		TBC3BQ	02	TBD33A	01	4	TD4	B1	14A	
08793		XA146	07		XA150	14		16B	9		TBC3BQ	03	TBD41A	01	2	TQ2	A3	03A	
08794		XA150	14		XA150	25		16B	9		TBC3BQ	04	TBB2AA	01	1	TT3	B2	09A	
08795		XA150	25		XA150	33		16B	9		TBC3BQ	05	TBB3AA	01	3	TT3	B3	12B	
08796		XA150	33		XA150	54		16B	9		TBC3BQ	06	TBB6AA	01	1	TT3	C3	16B	
08797		XA150	54		XA151	74		16B	9		TBC3BQ	07	TBB7AA	01	2	TT3	D1	25A	
										****	SIGNAL	(TBC3BQ)	IS ON THE	NEXT PAGE	****				

DRAWING NUMBER 149019-800
UNIT ASSEMBLY NAME CARD CAGE ASSY, I/O UNIT

STRING

UNIT ASSEMBLY NO. 149019
FILE IDENT T398IUX2

REV G INDEX TBC3RQ
DATE 09-03-82 PAGE 103

RECORD NUMBER	FROM			TO			WIRE				SIGNAL	SEQ NO	EQUATION	TERM	FACTOR	CKT OR CHIP TYPE	GROUP	LOAD OR POWER PLANS	TEST POINTS AND/OR	SIGNAL DESCRIPTION	ECO NO		
	PREFIX	CONNECTOR	PIN	PREFIX	CONNECTOR	PIN	MULTI GROUP	CODE	COLOR	IDENT													
08798		XA151	74								TBC3BQ	08	TBC3BQ	00	1	TDD	MQ		35B	BYTE COUNTER 3 F			
08799		XA413	69							J	TBC3SD	01	TBC3SD	00	1	TLD	F3		35A	JDB29B4 BUSS			
08800		XA146	04		XA150	18		16B	9		TBC4BP	01	TBD34A	01	1	TQ2	A2		04A				
08801		XA150	18		XA150	24		16B	9		TBC4BP	02	TBB2AA	01	3	TT3	B2		10A				
08802		XA150	24		XA150	21		16B	9		TBC4BP	03	TBB1AA	01	2	TT3	B1		13A				
08803		XA150	21		XA148	69		16B	9		TBC4BP	04	TBB3AA	01	1	TT3	B3		10B				
08804		XA148	69		XA139	64		16B	9		TBC4BP	05	TBC4BP	00	1	TDD	MP		35A	BYTE COUNTER-4 F			
08805		XA139	64		XA128	60		16B	9		TBC4BP	06	TBC4C0	01	1	THI	E1		33A				
08806		XA128	60								TBC4BP	07	TER4AA	01	2	TS8	E1		28A				
08807		XA145	11		XA146	11		16B	9		TBC4BQ	01	TBD43A	01	2	TT3	A3		05B				
08808		XA146	11		XA150	56		16B	9		TBC4BQ	02	TBD44A	01	1	TQ2	A4		05B				
08809		XA150	56		XA148	74		16B	9		TBC4BQ	03	TBB7AA	01	3	TT3	D1		26A				
08810		XA148	74		XA332	78		16B	9		TBC4BQ	04	TBC4BQ	00	1	TDD	MQ		35B	BYTE COUNTER-4 F			
08811		XA332	78								TBC4BQ	05	TIWRDA	01	2	TQ2	F4		38A				
08812		XA150	30		XA150	42		16B	9		TBC4C0	01	TBB5AA	01	2	TT3	C2		19A				
08813		XA150	42		XA150	37		16B	9		TBC4C0	02	TBB4AA	01	3	TT3	C1		20A				
08814		XA150	37		XA139	66		16B	9		TBC4C0	03	TBB6AA	01	3	TT3	C3		18B				
08815		XA139	66		XA413	76		16B	9		TBC4C0	04	TBC4C0	00	1	THI	E1		32A	BYTE COUNTER 4 U			
08816		XA413	76								TBC4C0	05	TBC4SD	01	1	TLD	F4		37A	BUSS FOR CTS DIS			
08817		XA413	80							J	TBC4SD	01	TBC4SD	00	1	TLD	F4		39A	JDB30B4 BUSS			
08818		XA144	34		XA145	30		16B	9		TBDIGA	01	TB4XA0	01	3	TD4	C2		16A				
08819		XA145	30		XA145	48		16B	9		TBDIGA	02	TB1XA0	01	2	TT3	C2		15A				
08820		XA145	48		XA145	56		16B	9		TBDIGA	03	TB3XA0	01	3	TT3	D2		22A				
08821		XA145	56		XA150	73		16B	9		TBDIGA	04	TB2XA0	01	3	TT3	D1		26A				
08822		XA150	73								TBDIGA	05	TBDIGA	00	1	TT3	F1		36B	FAN OUT CONTROL			
08823		XA149	57		XA151	62		16B	9		TBD100	01	TBD100	00	1	TQ2	E3		30B	BC 1 ORED DATA			
08824		XA151	62								TBD100	02	TBC1BI	01	1	TDD	KI		29A				
08825		XA136	35		XA149	53		16B	9		TBD12A	01	TBD12A	00	1	TD4	C1		17B	LATCH/RESET CONT			
08826		XA149	53								TBD12A	02	TBD100	01	1	TQ2	E3		28B				
08827		XA149	63		XA136	38		16B	9		TBD13A	01	TBD13A	00	1	TQ2	E4		33B	BC 1 RESET I2.BY			
08828		XA136	38								TBD13A	02	TBD12A	01	2	TD4	C1		18A				
08829		XA108	11		XA147	23		16B	9		TBD14A	01	TI3210	01	2	TT3	A3		05B				
08830		XA147	23								TBD14A	02	TBD14A	00	1	TS8	B1		11B	BC 1 RESET I3.C1			
08831		XA330	01		XA330	70		16B	9		TBD15A	01	TITCA0	01	1	TS8	A1		02B				
08832		XA330	70		XA344	71		16B	9		TBD15A	02	TI112A	01	8	TS8	E1		33A				
08833		XA344	71		XA346	11		16B	9		TBD15A	03	TS134A	01	1	TS8	F1		36A				
08834		XA346	11		XA150	51		16B	9		TBD15A	04	TS1400	01	1	TQ2	A4		05B				
08835		XA150	51								TBD15A	05	TBD15A	00	1	TT3	D3		27B	BC 1 RESET BOOTS			
											****	SIGNAL	(TBD200)					IS ON THE	NEXT PAGE	****			

DRAWING NUMBER		149019-800										STRING		UNIT ASSEMBLY NO.		149019		REV		G		INDEX		TBD200	
UNIT ASSEMBLY NAME		CARD CAGE ASSY, I/O UNIT										FILE IDENT		T39BIUX2		DATE		09-03-82		PAGE		104			
RECORD NUMBER	FROM				TO				WIRE				SIGNAL	SEQ NO	EQUATION	TERM	FACTOR	CKT OR CHIP TYPE	GROUP	LOAD OR POWER PLANE	TEST POINTS AND JP	SIGNAL DESCRIPTION	ECO NO		
	PREFIX	CONNECTOR	PIN	SP. AS	PREFIX	CONNECTOR	PIN	SP. AS	MULTI GROUP	CODE	COLOR	IDENT												SPEC INST. MISC	
08836		XA137	19		XA151	77				16B	9		TBD200	01	TBD200	00	1	TT3	B2		09B	BC-2 ORED DATA			
08837		XA151	77										TBD200	02	TBC28I	01	1	TDD	LI		38B				
08838		XA149	75		XA137	14				16B	9		TBD21A	01	TBD21A	00	1	TQ2	F1		37B	I1.C1*.BYTE 1			
08839		XA137	14										TBD21A	02	TBD200	01	1	TT3	B2		09A				
08840		XA137	17		XA149	72				16B	9		TBD22A	01	TBD200	01	2	TT3	B2		08B				
08841		XA149	72										TBD22A	02	TBD22A	00	1	TQ2	F2		34A	BOOTSTRAP 1.2.BY			
08842		XA136	33		XA137	18				16B	9		TBD23A	01	TBD23A	00	1	TD4	C2		16B	LATCH/RESET CONT			
08843		XA137	18										TBD23A	02	TBD200	01	3	TT3	B2		10A				
08844		XA136	05		XA137	20				16B	9		TBD24A	01	TBK200	01	3	TD4	A2		03B				
08845		XA137	20		XA144	79				16B	9		TBD24A	02	TBD24A	00	1	TT3	B1		11A	BOOTSTRAP 1- BYT			
08846		XA144	79										TBD24A	03	TDIG8S	01	4	TD4	F1		39B				
08847		XA136	31		XA149	69				16B	9		TBD25A	01	TBD23A	01	2	TD4	C2		15B				
08848		XA149	69										TBD25A	02	TBD25A	00	1	TQ2	F3		35A	I2-BYTE 3*			
08849		XA149	80		XA136	30				16B	9		TBD26A	01	TBD26A	00	1	TQ2	F4		39A	BOOTSTRAP 1.2 .			
08850		XA136	30										TBD26A	02	TBD23A	01	1	TD4	C2		15A				
08851		XA136	34		XA136	22				16B	9		TBD27A	01	TBD23A	01	3	TD4	C2		16A				
08852		XA136	22		XA145	09				16B	9		TBD27A	02	TBD33A	01	1	TD4	B1		12A				
08853		XA145	09		XA149	06				16B	9		TBD27A	03	TBD43A	01	1	TT3	A3		04B				
08854		XA149	06										TBD27A	04	TBD27A	00	1	TQ2	A1		05A	PRESET MO INPUT			
08855		XA151	71		XA137	07				16B	9		TBD300	01	TBC38I	01	1	TDD	M1		36A				
08856		XA137	07										TBD300	02	TBD300	00	1	TT3	A2		03A	BC-3 ORED DATA			
08857		XA137	01		XA146	06				16B	9		TBD31A	01	TBD300	01	1	TT3	A2		02B				
08858		XA146	06										TBD31A	02	TBD31A	00	1	TQ2	A1		05A	I1.C1*.BYTE 2			
08859		XA145	04		XA137	03				16B	9		TBD32A	01	TBD32A	00	1	TT3	A1		04A	BOOTSTRAP 1.2 .B			
08860		XA137	03										TBD32A	02	TBD300	01	2	TT3	A2		02A				
08861		XA137	05		XA136	23				16B	9		TBD33A	01	TBD300	01	3	TT3	A2		03B				
08862		XA136	23										TBD33A	02	TBD33A	00	1	TD4	B1		11B	LATCH/RESET CONT			
08863		XA146	01		XA136	24				16B	9		TBD34A	01	TBD34A	00	1	TQ2	A2		02B	I2.BYTE 4*			
08864		XA136	24										TBD34A	02	TBD33A	01	2	TD4	B1		13A				
08865		XA136	25		XA137	25				16B	9		TBD35A	01	TBD33A	01	3	TD4	B1		12B				
08866		XA137	25		XA145	07				16B	9		TBD35A	02	TBD400	01	3	TT3	B3		12B				
08867		XA145	07										TBD35A	03	TBD35A	00	1	TT3	A2		03A	BOOTSTRAP 1.2.BY			
08868		XA148	71		XA137	27				16B	9		TBD400	01	TBC48I	01	1	TDD	M1		36A				
08869		XA137	27										TBD400	02	TBD400	00	1	TT3	B3		13B	BC-4 ORED DATA			
08870		XA137	21		XA146	09				16B	9		TBD41A	01	TBD400	01	1	TT3	B3		10B				
													****	SIGNAL (TBD41A)		IS ON THE NEXT PAGE ****									

5-2879-1

DRAWING NUMBER		149019-800										STRING		UNIT ASSEMBLY NO.		149019		REV		G		INDEX		TBD41A	
UNIT ASSEMBLY NAME		CARD CAGE ASSY, I/O UNIT										FILE IDENT		T39BIUX2		DATE		09-03-82		PAGE		105			
RECORD NUMBER	FROM			TO			WIRE					SIGNAL	SQ NO	EQUATION	TERM	FACTOR	CKT OR CHIP TYPE	COMP	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. REVISION														
08871		XA146	09									TBD41A	02	TBD41A	00	1	TQ2	A3		04B	ID.C1*.BYTE 3				
08872		XA145	15		XA137	23		16B	9			TBD43A	01	TBD43A	00	1	TT3	A3		07B	LATCH/RESET CONT				
08873		XA137	23									TBD43A	02	TBD400	01	2	TT3	B3		11B					
08874		XA146	15		XA145	13		16B	9			TBD44A	01	TBD44A	00	1	TQ2	A4		07B	I2.BYTE 4				
08875		XA145	13									TBD44A	02	TBD43A	01	3	TT3	A3		06B					
08876		XA339	39		XA330	37		16B	9			TBHLTA	01	TS01BQ	01	1	TDD	EQ		19B					
08877		XA330	37		XA305	69		16B	9			TBHLTA	02	TKTSB0	01	5	TS8	C1		18B					
08878		XA305	69									TBHLTA	03	TBHLTA	00	1	TD4	F2		35A	COMP* S1 BURST.NO				
08879		XA139	53		XA151	60		16B	9			TBK10A	01	TBK10A	00	1	THI	D6		26B	CLOCK INPUT-A				
08880		XA151	60									TBK10A	02	TBC1BN	01	1	TDD	KN		28A					
08881		XA136	21		XA139	51		16B	9			TBK100	01	TBK100	00	1	TD4	B2		10B	CLOCK INPUT-0				
08882		XA139	51									TBK100	02	TBK10A	01	1	THI	D6		27B					
08883		XA136	01		XA136	19		16B	9			TBK12A	01	TBK200	01	1	TD4	A2		02B					
08884		XA136	19		XA146	14		16B	9			TBK12A	02	TBK100	01	3	TD4	B2		09B					
08885		XA146	14									TBK12A	03	TBK12A	00	1	TQ2	B2		09A	I2.SHIFT PULSE				
08886		XA136	04		XA136	18		16B	9			TBK13A	01	TBK200	01	2	TD4	A2		04A					
08887		XA136	18		XA146	21		16B	9			TBK13A	02	TBK100	01	2	TD4	B2		10A					
08888		XA146	21									TBK13A	03	TBK13A	00	1	TQ2	B3		10B	I1. ORED INFORMA				
08889		XA146	27		XA136	20		16B	9			TBK14A	01	TBK14A	00	1	TQ2	B4		13B	STATE S13 . BOOT				
08890		XA136	20									TBK14A	02	TBK100	01	4	TD4	B2		11A					
08891		XA151	79		XA151	72		16B	9			TBK20A	01	TBC2BN	01	1	TDD	LN		39B					
08892		XA151	72		XA148	72		16B	9			TBK20A	02	TBC3BN	01	1	TDD	MN		34A					
08893		XA148	72		XA139	43		16B	9			TBK20A	03	TBC43N	01	1	TDD	MN		34A					
08894		XA139	43									TBK20A	04	TBK20A	00	1	THI	D5		24B	BC-2 CLOCK-A				
08895		XA136	09		XA139	45		16B	9			TBK200	01	TBK200	00	1	TD4	A2		04B	BC-2 CLOCK-0- I2				
08896		XA139	45									TBK200	02	TBK20A	01	1	THI	D5		25B					
08897		XA146	30		XA139	41		16B	9			TBLDAA	01	TBLDAA	00	1	TQ2	C2		15A	MODE = ZERO*.XFE				
08898		XA139	41									TBLDAA	02	TBLDAA	01	1	THI	D4		23B					
08899		XA138	17		XA138	18		16B	9			TBLDAA	01	TBLM3A	01	1	TQ2	B3		08B					
08900		XA138	18		XA138	24		16B	9			TBLDAA	02	TBLM2A	01	1	TQ2	B2		10A					
08901		XA138	24		XA139	46		16B	9			TBLDAA	03	TBLM1A	01	1	TQ2	B1		13A					
08902		XA139	46		XA230	78		16B	9			TBLDAA	04	TBLDAA	00	1	THI	D4		22B	MODE=0*.XFER CON				
08903		XA230	78		XA326	79		16B	9			TBLDAA	05	TD092A	01	2	TQ2	F4		38A					
08904		XA326	79		XA206	49		16B	9			TBLDAA	06	TD102A	01	2	TQ2	F1		39B					
08905		XA206	49									TBLDAA	07	TD082A	01	3	TT3	D3		26B					
08906		XA137	36		XA139	50		16B	9			TBLD1A	01	TBLD1A	00	1	TT3	C1		17A	BLOCK LENGTH DEC				
08907		XA139	50		XA350	49		16B	9			TBLD1A	02	TBLD10	01	1	THI	D3		22A					
												****	SIGNAL	TBLD1A		IS ON THE	NEXT PAGE	****							

DRAWING NUMBER UNIT ASSEMBLY NAME		149019-800 CARD CAGE ASSY, I/O UNIT		STRING		UNIT ASSEMBLY NO. FILE IDENT		149019 T398IUX2		REV DATE		INDEX PAGE		TBLD1A 106										
RECORD NUMBER	FROM				TO				WIRE				SIGNAL	SEC NO	EQUATION	TERM FACTOR	CKT OR CHIP TYPE	GROUP	LOAD CP POWER PLANE	TEST POINTS	SIGNAL DESCRIPTION	ECO NO		
	PREFIX	CONNECTOR	PIN	WIRE NO	PREFIX	CONNECTOR	PIN	WIRE NO	MULTI GROUP	CODE	COLOR	IDENT											SPEC INST	MISC
08908		XA350	49											TBLD1A	03	TBLT1A	01 2	TQ2	D4		26B			
08909		XA138	26		XA139	48			16B	9				TBLD10	01	TBLM1A	01 2	TQ2	B1		14A			
08910		XA139	48											TBLD10	02	TBLD10	00 1	TH1	D3		21A	GRP 1 PRE GRP 2.		
08911		XA350	55		XA139	47			16B	9				TBLD2A	01	TBLT2A	01 2	TQ2	E3		29B			
08912		XA139	47		XA138	38			16B	9				TBLD2A	02	TBLD20	01 1	TH1	D2		24A			
08913		XA138	38											TBLD2A	03	TBLD2A	00 1	TQ2	C1		18A	BLOCK LENGTH DEC		
08914		XA138	20		XA139	49			16B	9				TBLD20	01	TBLM2A	01 2	TQ2	B2		11A			
08915		XA139	49											TBLD20	02	TBLD20	00 1	TH1	D2		23A	GRP 2 PRE GRP 3.		
08916		XA149	03		XA144	11			16B	9				TBLEZA	01	TMOBSA	01 1	TQ2	A3		02A			
08917		XA144	11		XA139	38			16B	9				TBLEZA	02	TBLEZA	00 1	TD4	A1		05B	EXT BL = 0		
08918		XA139	38		XA122	08			16B	9				TBLEZA	03	TBLEZ0	01 1	TH1	C1		20A			
08919		XA122	08											TBLEZA	04	TKBLEA	01 2	TT3	A1		06A			
08920		XA139	40		XA343	71			16B	9				TBLEZ0	01	TBLEZ0	00 1	TH1	C1		19A	EXT BL = 0		
08921		XA343	71											TBLEZ0	02	TS78ZA	01 2	TT3	F2		36A			
08922		XA148	23		XA144	06			16B	9				TBLE0P	01	TBLE0P	00 1	TDD	CP		11B	MASTER RESET TBL		
08923		XA144	06											TBLE0P	02	TBLEZA	01 1	TD4	A1		05A			
08924		XA138	36		XA144	05			16B	9				TBLE0Q	01	TBL01A	01 2	TQ2	C2		17A			
08925		XA144	05		XA148	25			16B	9				TBLE0Q	02	TBL11A	01 3	TD4	A2		03B			
08926		XA148	25											TBLE0Q	03	TBLE0Q	00 1	TDD	CQ		12B	PRESET TBLE0		
08927		XA148	21		XA144	07			16B	9				TBLE1P	01	TBLE1P	00 1	TDD	DP		10B	MASTER RESET TBL		
08928		XA144	07		XA144	13			16B	9				TBLE1P	02	TBL11A	01 4	TD4	A2		03A			
08929		XA144	13		XA137	34			16B	9				TBLE1P	03	TBLEZA	01 4	TD4	A1		06B			
08930		XA137	34											TBLE1P	04	TBL03A	01 3	TT3	C2		16A			
08931		XA138	29		XA148	19			16B	9				TBLE1Q	01	TBL12A	01 1	TQ2	C3		14B			
08932		XA148	19											TBLE1Q	02	TBLE1Q	00 1	TDD	DQ		09B	PRESET TBLE1		
08933		XA137	30		XA140	29			16B	9				TBLE2P	01	TBL03A	01 2	TT3	C2		15A			
08934		XA140	29		XA144	01			16B	9				TBLE2P	02	TBL13A	01 1	TQ2	C3		14B			
08935		XA144	01		XA144	10			16B	9				TBLE2P	03	TBL11A	01 1	TD4	A2		02B			
08936		XA144	10		XA145	18			16B	9				TBLE2P	04	TBLEZA	01 3	TD4	A1		07A			
08937		XA145	18		XA148	35			16B	9				TBLE2P	05	TBL22A	01 3	TT3	B2		10A			
08938		XA148	35											TBLE2P	06	TBLE2P	00 1	TDD	EP		17B	MASTER RESET TBL		
08939		XA141	37		XA148	37			16B	9				TBLE2Q	01	TBL21A	01 2	TQ2	C4		18B			
08940		XA148	37											TBLE2Q	02	TBLE2Q	00 1	TDD	EQ		18B	PRESET TBLE2		
08941		XA144	04		XA144	08			16B	9				TBLE3P	01	TBL11A	01 2	TD4	A2		04A			
08942		XA144	08		XA145	17			16B	9				TBLE3P	02	TBLEZA	01 2	TD4	A1		06A			
08943		XA145	17		XA148	33			16B	9				TBLE3P	03	TBL22A	01 2	TT3	B2		08B			
08944		XA148	33		XA140	31			16B	9				TBLE3P	04	TBLE3P	00 1	TDD	FP		16B	MASTER RESET TBL		
08945		XA140	31		XA137	29			16B	9				TBLE3P	05	TBL13A	01 2	TQ2	C3		15B			
													****	SIGNAL	TBLE3P	IS ON THE NEXT PAGE			****					

DRAWING NUMBER		149019-800										STRING		UNIT ASSEMBLY NO.		149019		REV		G		INDEX		TBLE3P	
UNIT ASSEMBLY NAME		CARD CAGE ASSY, I/O UNIT										FILE IDENT		T39BIUX2		DATE		09-03-82		PAGE		107			
RECORD NUMBER	FROM			TO			WIRE					SIGNAL	SQ NO	EQUATION	TERM	FACTOR	CKT OR CHIP TYPE	GROUP	LOAD OR POWER PLANS	TEST POINTS AND/OR	SIGNAL DESCRIPTION	ECO NO			
	PREFIX	CONNECTOR	PIN	PREFIX	CONNECTOR	PIN	WIRE NO	MULTI GROUP	CODE	COLOR	IDENT														
08946		XA137	29									TBLE3P	06	TBL03A	01	1	TT3	C2		14B					
08947		XA139	29		XA141	35			16B	9		TBLE3Q	01	TBL3A0	01	1	THI	C4		15B					
08948		XA141	35		XA148	31			16B	9		TBLE3Q	02	TBL21A	01	1	TQ2	C4		17B					
08949		XA148	31									TBLE3Q	03	TBLE3Q	00	1	TDD	FQ		15B	PRESET TBLE3				
08950		XA138	22		XA139	17			16B	9		TBLM1A	01	TBLM1A	00	1	TQ2	B1		12A	GRP 1 BL DECREMEN				
08951		XA139	17									TBLM1A	02	TBLM10	01	1	THI	B4		09B					
08952		XA326	17		XA328	03			16B	9		TBLM10	01	TD012A	01	1	TQ2	B3		08B					
08953		XA328	03		XA139	14			16B	9		TBLM10	02	TD002A	01	1	TQ2	A3		02A					
08954		XA139	14									TBLM10	03	TBLM10	00	1	THI	B4		08B	GRP 1 BL DECREME				
08955		XA138	14		XA139	21			16B	9		TBLM2A	01	TBLM2A	00	1	TQ2	B2		09A	GRP 2 BL DECREME				
08956		XA139	21									TBLM2A	02	TBLM20	01	1	THI	B5		11B					
08957		XA315	66		XA326	42			16B	9		TBLM20	01	TD022A	01	1	TT3	E1		31A					
08958		XA326	42		XA326	34			16B	9		TBLM20	02	TD032A	01	2	TQ2	C1		20A					
08959		XA326	34		XA139	19			16B	9		TBLM20	03	TD042A	01	1	TQ2	C2		16A					
08960		XA139	19									TBLM20	04	TBLM20	00	1	THI	B5		10B	GRP 2 BL DECREME				
08961		XA138	21		XA139	27			16B	9		TBLM3A	01	TBLM3A	00	1	TQ2	B3		10B	GRP 3 BL DECREMEN				
08962		XA139	27									TBLM3A	02	TBLM30	01	1	THI	B6		13B					
08963		XA328	47		XA327	22			16B	9		TBLM30	01	TD072A	01	1	TQ2	D4		25B					
08964		XA327	22		XA224	61			16B	9		TBLM30	02	TD052A	01	1	TT3	B1		12A					
08965		XA224	61		XA139	26			16B	9		TBLM30	03	TD062A	01	2	TQ2	E4		32B					
08966		XA139	26									TBLM30	04	TBLM30	00	1	THI	B6		12B	GRP 3 BL DECREME				
08967		XA340	20		XA148	27			16B	9		TBLP0A	01	TBLP0A	00	1	TT3	B1		11A	TE TO TBLE MSB				
08968		XA148	27									TBLP0A	02	TBLE0Q	01	1	TDD	CQ		13B					
08969		XA148	17		XA340	19			16B	9		TBLP1A	01	TBLE1Q	01	1	TDD	DQ		08B					
08970		XA340	19									TBLP1A	02	TBLP1A	00	1	TT3	B2		09B	TE TO TBLE 2ND M				
08971		XA340	27		XA148	39			16B	9		TBLP2A	01	TBLP2A	00	1	TT3	B3		13B	TE TO TBLE 2ND L				
08972		XA148	39									TBLP2A	02	TBLE2Q	01	1	TDD	EQ		19B					
08973		XA148	29		XA340	36			16B	9		TBLP3A	01	TBLE3Q	01	1	TDD	FQ		14B					
08974		XA340	36									TBLP3A	02	TBLP3A	00	1	TT3	C1		17A	TE TO TBLE LSB				
08975		XA142	24		XA350	60			16B	9		TBLRCA	01	TMFTAA	01	1	TQ2	B1		13A					
08976		XA350	60									TBLRCA	02	TBLRCA	00	1	TQ2	E2		28A	(RTC=0.BL=0)-*				
08977		XA139	52		XA140	41			16B	9		TBLTAA	01	TBLX40	01	1	THI	D1		26A					
08978		XA140	41		XA140	48			16B	9		TBLTAA	02	TBLX30	01	1	TQ2	D3		22B					
08979		XA140	48		XA140	56			16B	9		TBLTAA	03	TBLX20	01	1	TQ2	D2		22A					
08980		XA140	56		XA350	45			16B	9		TBLTAA	04	TBLX10	01	2	TQ2	D1		26A					
08981		XA350	45									TBLTAA	05	TBLTAA	00	1	TQ2	D3		24B	MODE = ZERO.XFER				
												****	SIGNAL (TBLT1A)		IS ON THE NEXT PAGE										****

DRAWING NUMBER		149019-800		STRING		UNIT ASSEMBLY NO.		149019		REV		G		INDEX		TBLT1A				
UNIT ASSEMBLY NAME		CARD CAGE ASSY, I/O UNIT		FILE IDENT		T39BIUX2		DATE		09-03-82		PAGE		108						
RECORD NUMBER	FROM			TO			WIRE			SIGNAL	SEQ NO	EQUATION	TERM	FACTOR	CKT OR CHIP TYPE	LOAD OR POWER PLANE	TEST POINTS AND DR	SIGNAL DESCRIPTION	ECO NO	
	PREFIX	CONNECTOR	PIN	PREFIX	CONNECTOR	PIN	MULTI GROUP	CODE	COL DR											IDENT
08982		XA140	54		XA350	51		16B	9		TBLT1A	01	TBLX10	01	1	TQ2	D1	25A		
08983		XA350	51								TBLT1A	02	TBLT1A	00	1	TQ2	04	27B	XFER CONT GRP 1	
08984		XA350	57		XA140	50		16B	9		TBLT2A	01	TBLT2A	00	1	TQ2	E3	30B	XFER CONT GRP 2	
08985		XA140	50								TBLT2A	02	TBLX20	01	2	TQ2	D2	23A		
08986		XA140	43		XA350	63		16B	9		TBLT3A	01	TBLX30	01	2	TQ2	D3	23B		
08987		XA350	63								TBLT3A	02	TBLT3A	00	1	TQ2	E4	33B	XFER CONT GRP 3	
08988		XA326	20		XA326	04		16B	9		TBLX10	01	TD011A	01	2	TQ2	B2	11A		
08989		XA326	04		XA140	52		16B	9		TBLX10	02	TD001A	01	1	TQ2	A2	04A		
08990		XA140	52								TBLX10	03	TBLX10	00	1	TQ2	D1	24A	XFER CONT GRP 1	
08991		XA328	25		XA326	23		16B	9		TBLX20	01	TD021A	01	2	TQ2	B4	12B		
08992		XA326	23		XA224	43		16B	9		TBLX20	02	TD031A	01	1	TQ2	B4	11B		
08993		XA224	43		XA140	46		16B	9		TBLX20	03	TD041A	01	2	TQ2	D3	23B		
08994		XA140	46								TBLX20	04	TBLX20	00	1	TQ2	D2	21A	XFER CONT GRP 2	
08995		XA328	50		XA328	41		16B	9		TBLX30	01	TD061A	01	2	TQ2	D2	23A		
08996		XA328	41		XA328	37		16B	9		TBLX30	02	TD071A	01	1	TQ2	D3	22B		
08997		XA328	37		XA140	45		16B	9		TBLX30	03	TD051A	01	2	TQ2	C4	18B		
08998		XA140	45								TBLX30	04	TBLX30	00	1	TQ2	D3	24B	XFER CONT GRP 3	
08999		XA328	79		XA328	68		16B	9		TBLX40	01	TD101A	01	2	TQ2	F1	39B		
09000		XA328	68		XA328	59		16B	9		TBLX40	02	TD081A	01	1	TQ2	E1	32A		
09001		XA328	59		XA139	54		16B	9		TBLX40	03	TD091A	01	1	TQ2	E4	31B		
09002		XA139	54								TBLX40	04	TBLX40	00	1	THI	D1	25A	GRP 4 XFER CONT-	
09003		XA325	38		XA333	72		16B	9		TBLZAA	01	TS006A	01	2	TD4	C1	18A		
09004		XA333	72		XA345	13		16B	9		TBLZAA	02	TS004A	01	2	TS8	F1	34A		
09005		XA345	13		XA144	23		16B	9		TBLZAA	03	TS005A	01	4	TD4	A1	06B		
09006		XA144	23		XA139	33		16B	9		TBLZAA	04	TBLZAA	00	1	TD4	B1	11B	BLOCK LENGTH ZER	
09007		XA139	33								TBLZAA	05	TBLZAA	01	1	THI	C5	17B		
09008		XA122	10		XA133	65		16B	9		TBLZAO	01	TKBLEA	01	3	TT3	A1	07A		
09009		XA133	65		XA139	31		16B	9		TBLZAO	02	TPSTFA	01	1	TQ2	F3	34B		
09010		XA139	31		XA146	43		16B	9		TBLZAO	03	TBLZAO	00	1	THI	C5	16B	BLOCK LENGTH ZER	
09011		XA146	43		XA345	36		16B	9		TBLZAO	04	TMOBL0	01	2	TQ2	D3	23B		
09012		XA345	36		XA349	31		16B	9		TBLZAO	05	TS075A	01	4	TD4	C2	17A		
09013		XA349	31		XA349	18		16B	9		TBLZAO	06	TS785A	01	2	TD4	C2	15B		
09014		XA349	18		XA350	62		16B	9		TBLZAO	07	TS092A	01	2	TD4	B2	10A		
09015		XA350	62		XA345	74		16B	9		TBLZAO	08	TBLRCA	01	1	TQ2	E2	29A		
09016		XA345	74		XA333	64		16B	9		TBLZAO	09	TS073A	01	4	TD4	F2	35B		
09017		XA333	64		XA325	20		16B	9		TBLZAO	10	TS074A	01	5	TS8	E1	30A		
09018		XA325	20		XA319	53		16B	9		TBLZAO	11	TE0B2A	01	4	TD4	B2	11A		
09019		XA319	53								TBLZAO	12	TCST6A	01	1	TT3	E2	28B		
09020		XA328	15		XA324	11		16B	9		TBLZ1A	01	TBLZ1A	00	1	TQ2	A4	07B	GROUP 1 BL FIELD	
09021		XA324	11								TBLZ1A	02	TBLZ10	01	1	THI	A1	07A		
										****	SIGNAL	(TBLZ10)	IS ON THE NEXT PAGE			****				

DRAWING NUMBER		UNIT ASSEMBLY NAME										STRING		UNIT ASSEMBLY NO.		REV		INDEX		TBLZ10			
149019-800		CARD CAGE ASSY, I/O UNIT												149019		G		TBLZ10					
09023														T39BIUX2		DATE		09-03-82		PAGE		109	
RECORD NUMBER	PREFIX	CONNECTOR	PIN	PREFIX	CONNECTOR	PIN	WIRE	EDGE	COLOR	IDENT	SIGNAL	SEQ NO	EQUATION	TEST POINT	LOAD OR POWER PLANE	TEST POINTS AND/OR	SIGNAL DESCRIPTION	ECO NO					
09022		XA144	24		XA324	13		168	9		TBLZ10	01	TBLZAA	01 2	TD4	B1		13A					
09023		XA324	13								TBLZ10	02	TBLZ10	00 1	THI	A1		06A	GROUP 1 BL FIELD				
09024		XA328	19		XA327	07		168	9		TBLZ2A	01	TU0220	01 2	TQ2	B3		09B					
09025		XA327	07		XA324	05		168	9		TBLZ2A	02	TBLZ2A	00 1	TT3	A2		03A	GROUP 2 BL FIELD				
09026		XA324	05								TBLZ2A	03	TBLZ20	01 1	THI	A4		03B					
09027		XA144	26		XA137	40		168	9		TBLZ20	01	TBLZAA	01 4	TD4	B1		14A					
09028		XA137	40		XA324	01		168	9		TBLZ20	02	TBLD1A	01 2	TT3	C1		19A					
09029		XA324	01								TBLZ20	03	TBLZ20	00 1	THI	A4		02B	GROUP 2 BL FIELD				
09030		XA332	31		XA327	39		168	9		TBLZ3A	01	TU0520	01 2	TQ2	C3		15B					
09031		XA327	39		XA324	36		168	9		TBLZ3A	02	TBLZ3A	00 1	TT3	C3		19B	GROUP 3 BL FIELD				
09032		XA324	36								TBLZ3A	03	TBLZ30	01 1	THI	C3		16A					
09033		XA144	25		XA138	42		168	9		TBLZ30	01	TBLZAA	01 3	TD4	B1		12B					
09034		XA138	42		XA137	38		168	9		TBLZ30	02	TBLD2A	01 2	TQ2	C1		20A					
09035		XA137	38		XA324	34		168	9		TBLZ30	03	TBLD1A	01 1	TT3	C1		18A					
09036		XA324	34								TBLZ30	04	TBLZ30	00 1	THI	C3		15A	GROUP 3 BL FIELD				
09037		XA324	51		XA326	49		168	9		TBLZ4A	01	TBLZ40	01 1	THI	D6		27B					
09038		XA326	49		XA327	64		168	9		TBLZ4A	02	TU0820	01 2	TQ2	D4		26B					
09039		XA327	64		XA350	61		168	9		TBLZ4A	03	TBLZ4A	00 1	TT3	E1		30A	GROUP 4 BL FIELD				
09040		XA350	61								TBLZ4A	04	TBLT3A	01 2	TQ2	E4		32B					
09041		XA138	19		XA138	40		168	9		TBLZ40	01	TBLM3A	01 2	TQ2	B3		09B					
09042		XA138	40		XA137	42		168	9		TBLZ40	02	TBLD2A	01 1	TQ2	C1		19A					
09043		XA137	42		XA324	53		168	9		TBLZ40	03	TBLD1A	01 3	TT3	C1		20A					
09044		XA324	53								TBLZ40	04	TBLZ40	00 1	THI	D6		26B	GROUP 4 BL FIELD				
09045		XA327	55		XA324	62		168	9		TBLZ5A	01	TBLZ5A	00 1	TT3	E2		29B	GROUP 4 BL FIELD				
09046		XA324	62								TBLZ5A	02	TBLZ50	01 1	THI	E3		29A					
09047		XA144	22		XA324	60		168	9		TBLZ50	01	TBLZAA	01 1	TD4	B1		12A					
09048		XA324	60								TBLZ50	02	TBLZ50	00 1	THI	E3		28A	GROUP 4 BL FIELD				
09049		XA139	34		XA148	24		168	9		TBL0A0	01	TBL0A0	00 1	THI	C3		15A	SET TBLE0				
09050		XA148	24								TBL0A0	02	TBLE0I	01 1	TOD	C1		13A					
09051		XA138	30		XA139	36		168	9		TBL01A	01	TBL01A	00 1	TQ2	C2		15A	TBLE0 SET REMAIN				
09052		XA139	36								TBL01A	02	TBL0A0	01 1	THI	C3		16A					
09053		XA137	31		XA138	34		168	9		TBL03A	01	TBL03A	00 1	TT3	C2		15B	INHIBIT SETTING				
09054		XA138	34								TBL03A	02	TBL01A	01 1	TQ2	C2		16A					
09055		XA148	18		XA140	30		168	9		TBL1A0	01	TBLE1I	01 1	TD9	D1		10A					
09056		XA140	30								TBL1A0	02	TBL1A0	00 1	TQ2	C2		15A	SET TBLE1				
09057		XA140	36		XA144	09		168	9		TBL11A	01	TBL1A0	01 2	TQ2	C2		17A					
09058		XA144	09								TBL11A	02	TBL11A	00 1	TD4	A2		04B	BL EXT COUNT 4				

DRAWING NUMBER 149019-800
 UNIT ASSEMBLY NAME CARD CAGE ASSY, I/O UNIT

STRING

UNIT ASSEMBLY NO. 149019
 FILE IDENT T398IUX2

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RECORD NUMBER	FROM				TO				WIRE				SIGNAL	SEC NO	EQUATION	TERM	FACTOR	CKT OF CHIP TYPE	GROUP	LOAD CP POWER PLANE	TEST POINTS AND/OR	SIGNAL DESCRIPTION	ECO NO
	PREFIX	CONNECTOR	PIN	SH. P.D.	PREFIX	CONNECTOR	PIN	SH. P.D.	MULTI GROUP	CODE	COLOR	IDENT											
09059 09060		XA138 XA140	33 34			XA140	34			16B	9		TBL12A TBL12A	01 02	TBL12A TBL1A0	00 01	1 1	TQ2 TQ2	C3 C2	16B 16A	BLE1 SET LEAVE S		
09061 09062		XA140 XA138	33 31			XA138	31			16B	9		TBL13A TBL13A	01 02	TBL13A TBL12A	00 01	1 2	TQ2 TQ2	C3 C3	16B 15B	INHIBIT BLE1 FRO		
09063 09064		XA146 XA148	33 4C			XA148	40			16B	9		TBL2A0 TBL2A0	01 02	TBL2A0 TBL2E1	00 01	1 1	TQ2 TDD	C3 E1	16B 19A	SET TBLE2		
09065 09066		XA141 XA146	39 31			XA146	31			16B	9		TBL21A TBL21A	01 02	TBL21A TBL2A0	00 01	1 2	TQ2 TQ2	C4 C3	19B 15B	BLE2 SET, REMAIN		
09067 09068		XA145 XA146	19 29			XA146	29			16B	9		TBL22A TBL22A	01 02	TBL22A TBL2A0	00 01	1 1	TT3 TQ2	B2 C3	09B 14B	BL EXT COUNT 4+8+		
09069 09070		XA139 XA148	30 34			XA148	34			16B	9		TBL3A0 TBL3A0	01 02	TBL3A0 TBL3E1	00 01	1 1	TH1 TDD	C4 F1	14B 16A	SET TBLE3		
09071 09072		XA151 XA141	27 46			XA141	46			16B	9		TBMAAA TBMAAA	01 02	TBMACQ TBMAAA	01 00	1 1	TDD TQ2	CQ D2	13B 21A	1ST M3 FF NOT M3		
09073 09074		XA138 XA141	27 48			XA141	48			16B	9		TBMAA0 TBMAA0	01 02	TBMAA0 TBMAAA	00 01	1 1	TQ2 TQ2	B4 D2	13B 22A	SET BASE MEM ACC		
05483 09077 09078 09079		XA304 XA414 XA315 XA151	37 68 53 25			XA414 XA315 XA151	68 53 25			16B 16B 16B	9 9 9		TBMACQ TBMACQ TBMACQ TBMACQ	005 01 02 03	TMHSTA TMHS2A TMHRSA TBMACQ	01 01 01 00	2 2 1 1	TQ2 TT3 TT3 TDD	C4 E1 E2 CQ	18B 32A 28B 12B	BASE MEMORY ACCE	006	
09080 09081		XA142 XA140	63 25			XA140	25			16B	9		TBRCAA TBRCAA	01 02	TBRCAA TSO1L0	00 01	1 2	TQ2 TQ2	E4 B4	33B 12B	BURST.NO COMPARE		
09082 09083		XA351 XA146	42 39			XA146	39			16B	9		TBRCP0 TBRCP0	01 02	TXAUCA TBRCP0	01 00	3 1	TT3 TQ2	C1 C4	20A 19B	BRST*.IO+ COMPARE		
09084 09085		XA148 XA146	63 52			XA146	52			16B	9		TBRINA TBRINA	01 02	TBRSTQ TBRINA	01 00	1 1	TDD TQ2	JQ D1	33B 24A	ENTER BURST, BUR		
09086 09087		XA206 XA146	07 35			XA146	35			16B	9		TBRIOA TBRIOA	01 02	TBRIOA TBRCP0	00 01	1 1	TT3 TQ2	A2 C4	03A 17B	BRST * AND IO		
09088 09089 09090 09091		XA333 XA330 XA346 XA146	31 78 79 46			XA330 XA346 XA146	78 79 46			16B 16B 16B	9 9 9		TBRRA0 TBRRA0 TBRRA0 TBRRA0	01 02 03 04	TS072A TI211A TS6BRA TBRRA0	01 01 01 00	2 7 2 1	TS8 TS8 TQ2 TQ2	C1 F1 F1 D2	15B 38A 39B 21A	BURST REQ. IO + B		
09092 09093		XA148 XA146	66 22			XA146	22			16B	9		TBRREA TBRREA	01 02	TBRSTP TBRREA	01 00	1 1	TDD TQ2	JP B1	31A 12A	RESET BURST		

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 UNIT ASSEMBLY NAME CARD CAGE ASSY, I/O UNIT

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RECORD NUMBER	FROM			TO			WIRE				SIGNAL	SQ NO	EQUATION	TERM	FACTOR	CKT OR CHIP TYPE	GROUP	LOAD OR POWER PLANE	TEST POINTS AND/OR	SIGNAL DESCRIPTION	ECO NO
	PREFIX	CONNECTOR	PIN	PREFIX	CONNECTOR	PIN	SH FTG	MULTI GROUP	CODE	COLOR											
09094		XA142	60		XA146	24			16B	9		TBRRE0	01	TBRRE0	00	1	TQ2	E2	28A	RESET BURST WITH	
09095		XA146	24									TBRRE0	02	TBRREA	01	1	TQ2	B1	13A		
09096		XA349	66		XA238	75			16B	9		TBRRFP	01	TS201A	01	2	TD4	E1	31A		
09097		XA238	75		XA151	35			16B	9		TBRRFP	02	TINDBP	01	1	TDD	LP	37B		
09098		XA151	35									TBRRFP	03	TBRRFP	00	1	TDD	EP	17B	BURST REQ F/F RE	
09099		XA149	11		XA151	37			16B	9		TBRRFQ	01	TBRROA	00	1	TQ2	A4	05B		
09100		XA151	37									TBRRFQ	02	TBRRFQ	00	1	TDD	EQ	18B	BURST REQUEST F/	
09101		XA142	62		XA144	21			16B	9		TBRRSA	01	TBRRE0	01	1	TQ2	E2	29A	SENT RESET	
09102		XA144	21									TBRRSA	02	TBRRSA	00	1	TD4	B2	10B	BURST RESET CONT	
09103		XA345	62		XA146	48			16B	9		TBRROA	01	TS061A	01	3	TD4	E2	29A		
09104		XA146	48		XA149	15			16B	9		TBRROA	02	TBRRA0	01	1	TQ2	D2	22A		
09105		XA149	15									TBRROA	03	TBRROA	00	1	TQ2	A4	07B	BURST REQ .IO	
09106		XA151	39		XA146	51			16B	9		TBRR1A	01	TBRRFQ	01	1	TDD	EQ	19B		
09107		XA146	51									TBRR1A	02	TBRR1A	00	1	TQ2	D4	27B	SET TERM BURST R	
09108		XA146	66		XA151	38			16B	9		TBRR2A	01	TBRR2A	00	1	TQ2	E1	31A	RESET TERM BURST	
09109		XA151	38									TBRR2A	02	TBRRFP	01	1	TDD	EP	18A		
09110		XA145	27		XA146	70			16B	9		TBRR20	01	TBRP20	00	1	TT3	B3	13B	S07 + BURST* + M	
09111		XA146	70									TBRR20	02	TBRR2A	01	2	TQ2	E1	33A		
09112		XA416	39	3	XA303	54	3		16B	9		TBRSDG4	01								
09113		XA303	54									TBRSDG4	02								
09114		XA303	53		XA416	37			16B	9		TBRSDX4	01								B05
09116		XA416	37		XA429	71			16B	9		TBRSDX4	02	TBRSDX4	00	1	DCF	B3	15B		B05
19507		XA429	71									TBRSDX4	03								B05
09117		XA146	49		XA146	56			16B	9		TBRSAOX	01	TBRR1A	01	2	TQ2	D4	26B		
09118		XA146	56		XA416	35			16B	9		TBRSAOX	02	TBRINA	01	2	TQ2	D1	26A		
09119		XA416	35									TBRSAOX	03	TBRSAOX	00	1	DCF	B4	14B	EXT BURST REC	
09120		XA415	08		XA340	62			16B	9		TBRSTP	01	TENACA	01	1	TQ2	A1	06A		
09121		XA340	62		XA343	59			16B	9		TBRSTP	02	TS181A	01	3	TT3	E2	29A		
09122		XA343	59		XA343	79			16B	9		TBRSTP	03	TS212A	01	2	TT3	E3	31B		
09123		XA343	79		XA349	75			16B	9		TBRSTP	04	TS4N1A	01	3	TT3	F1	39B		
09124		XA349	75		XA148	59			16B	9		TBRSTP	05	TS3MOA	01	1	TD4	F1	37B		
09125		XA148	59		XA136	66			16B	9		TBRSTP	06	TBRSTP	00	1	TDD	JP	31B	RESET BURST	
09126		XA136	66		XA139	39			16B	9		TBRSTP	07	TCPD1A	01	2	TD4	E1	31A		
09127		XA139	39									TBRSTP	08	TBRSU0	01	1	THI	C6	19B		
09128		XA414	70		XA345	55			16B	9		TBRSTQ	01	TMHS2A	01	3	TT3	E1	33A		
09129		XA345	55		XA145	33			16B	9		TBRSTQ	02	TS061A	01	1	TD4	E2	29B		
									****	SIGNAL	(TBRSTQ)		IS ON THE		NEXT PAGE	****					

DRAWING NUMBER 149019-800
 UNIT ASSEMBLY NAME CARD CAGE ASSY, I/O UNIT

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RECORD NUMBER	FROM			TO			WIRE				SIGNAL	SEQ NO	EQUATION	TERM	FACTOR	CCT OR CHIP TYPE	GRND	LOAD OR POWER PLANE	TEST POINTS (LAND OR JP)	SIGNAL DESCRIPTION	ECC NO
	PREFIX	CONNECTOR	PIN	PREFIX	CONNECTOR	PIN	MULTI GROUP	CODE	COLOR	IDENT											
09130		XA145	33		XA148	61		16B	9			TBRSTQ	03	TB135A	01	1	TT3	C3		16B	
09131		XA148	61		XA141	71		16B	9			TBRSTQ	04	TBRSTQ	00	1	TDD	JQ		32B	SET BURST MODE
09132		XA141	71		XA116	65		16B	9			TBRSTQ	05	TBRSTQ	01	1	TQ2	F2		36A	
09133		XA116	65		XA114	42		16B	9			TBRSTQ	06	TSOBRA	01	1	TQ2	F3		34B	
09134		XA114	42									TBRSTQ	07	TKWX1A	01	8	TS8	C1		20A	
09135		XA434	69		XA305	77		16B	9			TBRSTQ	01	TINTRA	01	1	TT3	F3		35A	
09136		XA305	77		XA206	05		16B	9			TBRSTQ	02	TS4XF0	01	2	TD4	F1		38B	
09137		XA206	05		XA115	68		16B	9			TBRSTQ	03	TBR10A	01	3	TT3	A2		03B	
09138		XA115	68		XA134	53		16B	9			TBRSTQ	04	TRQBRO	01	1	TQ2	E1		32A	
09139		XA134	53		XA141	72		16B	9			TBRSTQ	05	TD307A	01	1	TT3	E2		28B	
09140		XA141	72		XA142	37		16B	9			TBRSTQ	06	TBRSTQ	01	1	TQ2	F2		34A	BURST MODE-A UNL
09141		XA142	37		XA149	49		16B	9			TBRSTQ	07	TNO10A	01	2	TQ2	C4		18B	
09142		XA149	49		XA150	03		16B	9			TBRSTQ	08	TM5BR0	01	2	TQ2	D4		26B	
09143		XA150	03									TBRSTQ	09	TM3BB0	01	2	TT3	A2		02A	
09144		XA305	36		XA206	46		16B	9			TBRSTQ	01	TST81A	01	4	TD4	C2		17A	
09145		XA206	46		XA108	01		16B	9			TBRSTQ	02	TST82A	01	2	TT3	D2		21A	
09146		XA108	01		XA115	55		16B	9			TBRSTQ	03	TER1AA	01	1	TT3	A2		02B	
09147		XA115	55		XA139	42		16B	9			TBRSTQ	04	TSB17A	01	2	TQ2	E3		29B	
09148		XA139	42		XA142	59		16B	9			TBRSTQ	05	TBRSTQ	00	1	THI	C6		18B	BURST MODE -O UN
09149		XA142	59		XA146	50		16B	9			TBRSTQ	06	TBRCAA	01	1	TQ2	E4		31B	
09150		XA146	50		XA146	47		16B	9			TBRSTQ	07	TBRRA0	01	2	TQ2	D2		23A	
09151		XA146	47		XA145	25		16B	9			TBRSTQ	08	TBRRIA	01	1	TQ2	D4		25B	
09152		XA145	25									TBRSTQ	09	TBRR20	01	3	TT3	B3		12B	
09153		XA440	01		XA427	03		16B	9			TBRSTQ	01	TBST0	00	1	TQ2	A2		02B	WRITE CONTROL PA
09154		XA427	03									TBRSTQ	02	TBST0	01	1	TLD	A3		02A	
09155		XA414	53		XA433	11		16B	9			TBRSTQ	01	RTCTEA	01	1	TT3	E2		28B	
09156		XA433	11									TBRSTQ	02	TBST0P	00	1	TDD	AP		05B	BOOTSTRAP SWITCH
09157		XA144	40		XA433	13		16B	9			TBRSTQ	01	TBT12A	01	3	TD4	C1		19A	
09158		XA433	13									TBRSTQ	02	TBST0Q	00	1	TDD	AQ		06B	BOOTSTRAP SWITCH
09159		XA304	50		XA213	63		16B	9			TBRSTQ	01	TIIC1A	01	2	TQ2	D2		23A	
09160		XA213	63		XA137	46		16B	9			TBRSTQ	02	TBST1A	00	1	THI	E2		30A	BOOTSTRAP 1 UNL005
09162		XA137	46		XA150	48		16B	9			TBRSTQ	04	TBZZIA	01	2	TT3	D2		21A	
09163		XA150	48									TBRSTQ	05	TBCRSA	01	3	TT3	D2		22A	
09164		XA306	05		XA207	29		16B	9			TBRSTQ	01	KMR04S	01	3	TT3	A2		03B	
09165		XA207	29		XA113	09		16B	9			TBRSTQ	02	TBST10	01	1	TQ2	C3		14B	
09166		XA113	09		XA136	42		16B	9			TBRSTQ	03	TBST1P	00	1	TDD	BP		04B	MASTER RESET BOO
09167		XA136	42		XA149	29		16B	9			TBRSTQ	04	TBD12A	01	4	TD4	C1		29A	
09168		XA149	29		XA150	57		16B	9			TBRSTQ	05	TM3BS0	01	1	TQ2	C3		14B	
09169		XA150	57		XA343	18		16B	9			TBRSTQ	06	TNIABA	01	1	TT3	E3		30B	
09170		XA343	18		XA333	43		16B	9			TBRSTQ	07	TS132A	01	3	TT3	B2		10A	
09171		XA333	43		XA333	62		16B	9			TBRSTQ	08	TS15EA	01	1	TS8	D1		23B	
09172		XA333	62									TBRSTQ	09	TS074A	01	4	TS8	E1		29A	
											**** SIGNAL (TBST1Q) IS ON THE NEXT PAGE ****										

DRAWING NUMBER		149019-800		STRING		UNIT ASSEMBLY NO.		149019		REV		G		INDEX		TBST1Q								
UNIT ASSEMBLY NAME		CARD CAGE ASSY, I/O UNIT		FILT IDENT		T39BIJX2		DATE		09-03-82		PAGE		113										
RECORD NUMBER	PREFIX	CONNECTOR	PIN	ENFS	PREFIX	CONNECTOR	PIN	MULTI GROUP	CODE	COLOR	IDENT	SIGNAL	SEQ NO	EQUATION	TERM	FACTOR	CKT OR CHIP TYPE	GROUP	LOAD OR POWER PLANS	TEST POINTS TO BE USED ON	SIGNAL DESCRIPTION	TCO NO		
09173		XA113	07			XA112	08					TBST1Q	01	TBST1Q	00	1	T00	RQ		03A	PRESET INPUT BOO			
09174		XA112	08			XA112	68					TBST1Q	02	TBS7CA	01	1	TQ2	A1		06A				
09175		XA112	68			XA207	50					TBST1Q	03	T1311A	01	1	TQ2	E1		32A				
09176		XA207	50			XA213	61					TBST1Q	04	TBT11A	01	2	TQ2	D2		23A				
09177		XA213	61			XA349	06					TBST1Q	05	TBST1A	01	1	TH1	E2		31A				
09178		XA349	06									TBST1Q	06	TS131A	01	1	TD4	A1		05A				
09179		XA304	25			XA207	33					TBST1Q	01	TS224A	01	2	TQ2	B4		12B	BOOTSTRAP 1 OVER			
09180		XA207	33			XA134	79					TBST1Q	02	TBST1Q	00	1	TQ2	C3		16B				
09181		XA134	79			XA134	65					TBST1Q	03	TCMW2A	01	3	TT3	F1		39B				
09182		XA134	65			XA137	26					TBST1Q	04	TCMW4A	01	1	TT3	F2		34B				
09183		XA137	26			XA149	08					TBST1Q	05	TBD24A	01	3	TT3	B1		14A				
09184		XA149	08			XA150	49					TBST1Q	06	TBD27A	01	1	TQ2	A1		06A				
09185		XA150	49			XA150	75					TBST1Q	07	TBD15A	01	3	TT3	D3		26B				
09186		XA150	75			XA351	62					TBST1Q	08	TBD1GA	01	1	TT3	F1		37B				
09187		XA351	62									TBST1Q	09	TC015A	01	3	TT3	E2		29A				
09188		XA440	04			XA345	22					TBST2A	01	TBST5Q	01	1	TQ2	A2		04A		BOOTSTRAP 2 -A U		
09189		XA345	22			XA248	54					TBST2A	02	TS112A	01	1	TD4	B1		12A				
09190		XA248	54			XA144	42					TBST2A	03	TS9Q1A	01	3	TD4	D1		25A				
09191		XA144	42			XA142	40					TBST2A	04	TBT12A	01	4	TD4	C1		20A				
09192		XA142	40			XA116	08					TBST2A	05	TDERS0	01	1	TQ2	C1		19A				
09193		XA116	08			XA112	70					TBST2A	06	TK081Q	01	1	TQ2	A1		06A				
09195		XA112	70			XA108	46					TBST2A	08	T1311A	01	2	TQ2	E1		33A				
09196		XA108	46			XA207	52					TBST2A	09	TAVERA	01	2	TT3	D2		21A				
09197		XA207	52			XA304	68					TBST2A	10	TBST2A	00	1	TQ2	D1		24A				
09198		XA304	68									TBST2A	11	T1125Q	01	1	TQ2	E1		32A				
09199		XA304	56			XA207	35					TBST2P	01	T10SA0	01	2	TQ2	D1		26A	PRERESET BOOTSTR			
09200		XA207	35			XA113	23					TBST2P	02	TBST2Q	01	1	TQ2	C4		17B				
09201		XA113	23			XA141	50					TBST2P	03	TBST2P	00	1	T00	CP		11B				
09202		XA141	50			XA346	19					TBST2P	04	TBMAAA	01	2	TQ2	D2		23A				
09203		XA346	19			XA349	34					TBST2P	05	TS153A	01	2	TQ2	B3		09B				
09204		XA349	34			XA349	79					TBST2P	06	TS7BSA	01	3	TD4	C2		16A				
09205		XA349	79									TBST2P	07	TS3M3A	01	4	TD4	F1		39B				
09206		XA207	56			XA207	43					TBST2Q	01	TBST2A	01	2	TQ2	D1		26A	PRESET BOOTSTRAP			
09207		XA207	43			XA113	25					TBST2Q	02	TBT21A	01	2	TQ2	D3		23B				
09208		XA113	25			XA146	23					TBST2Q	03	TBST2Q	00	1	T00	CQ		12B				
09209		XA146	23			XA149	07					TBST2Q	04	TRK14A	01	1	TQ2	B4		11B				
09210		XA149	07			XA343	17					TBST2Q	05	TM0BSA	01	2	TQ2	A3		03A				
09211		XA343	17			XA423	64					TBST2Q	06	TS132A	01	2	TT3	B2		08B				
09212		XA423	64									TBST2Q	07	TBS02A	01	2	TQ2	E2		30A				
09213		XA207	39			XA108	08					TBST2Q	01	TBST2Q	00	1	TQ2	C4		19B		BOOTSTRAP 2 -O U		
09214		XA108	08			XA116	17					TBST2Q	02	TDL15A	01	2	TT3	A1		06A				
04926		XA116	17			XA137	41					TBST2Q	025	TMPE2A	01	1	TQ2	B3		08B				
09215		XA137	41			XA142	18					TBST2Q	03	TBZZ1A	01	1	TT3	D2		22B				
09216		XA142	18			XA341	41					TBST2Q	04	TILPEA	01	1	TQ2	R2		10A				
09217		XA341	41			XA343	65					TBST2Q	05	TS010A	01	1	TQ2	D3		22B				
												****		SIGNAL (TBST2Q)									IS ON THE NEXT PAGE ****	

DRAWING NUMBER		149019-800		STRING		UNIT ASSEMBLY NO.		149019		REV		G		INDEX		TBST20				
UNIT ASSEMBLY NAME		CARD CAGE ASSY, I/O UNIT		FILE IDENT		T39BIUX2		DATE		09-03-82		PAGE		114						
RECORD NUMBER	FROM			TO			WIRE			SIGNAL	SEC NO	EQUATION	TERM	CCT OR CHIP TYPE	GROUP	LOAD CP POWER PLANE	TEST POINTS INDICATOR	SIGNAL DESCRIPTION	ECO NO	
	PREFIX	CONNECTOR	PIN	PREFIX	CONNECTOR	PIN	MULTI GROUP	CODE	COLOR											IDENT
09218		XA343	65		XA343	78				16B	9									
09219		XA343	78																	
09220		XA423	68		XA425	35				16B	9									
09221		XA425	35		XA232	76				16B	9									
09222		XA232	76																	
09223		XA423	47		XA425	33				16B	9									
09224		XA425	33		XA232	73				16B	9									
09225		XA232	73																	
09226		XA423	41		XA425	47				16B	9									
09227		XA425	47		XA232	61				16B	9									
09228		XA232	61																	
09229		XA426	55		XA423	60				16B	9									
09230		XA423	60																	
09231		XA426	56		XA415	53				16B	9									
09232		XA415	53		XA415	59				16B	9									
09233		XA415	59		XA415	62				16B	9									
09234		XA415	62		XA415	68				16B	9									
09235		XA415	68		XA415	65				16B	9									
09236		XA415	65		XA415	71				16B	9									
09237		XA415	71		XA415	77				16B	9									
09238		XA415	77		XA415	76				16B	9									
09239		XA415	76																	
09240		XA423	45		XA407	79				16B	9									
09241		XA407	79																	
09242		XA407	73		XA423	51				16B	9									
09243		XA423	51																	
09244		XA124	41		XA423	66				16B	9									
09245		XA423	66																	
09246		XA112	06		XA213	59				16B	9									
09247		XA213	59																	
09248		XA145	01		XA145	08				16B	9									
09249		XA145	08		XA149	76				16B	9									
09250		XA149	76		XA149	71				16B	9									
09251		XA149	71		XA146	73				16B	9									
09252		XA146	73		XA137	68				16B	9									
09253		XA137	68		XA137	53				16B	9									
09254		XA137	53		XA137	47				16B	9									
09255		XA137	47		XA122	41				16B	9									
09256		XA122	41		XA213	57				16B	9									
09257		XA213	57																	

DRAWING NUMBER 149019-800
 UNIT ASSEMBLY NAME CARD CAGE ASSY,I/O UNIT

STRING

UNIT ASSEMBLY NO. 149019
 FILE IDENT T39BIUX2

REV G
 DATE 09-03-82

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RECORD NUMBER	FROM				TO				WIRE				SIGNAL	SEQ NO	EQUATION	TERM	FACTOR 1	CRT OR CHIP TYPE	GROUP	LOAD OR POWER PLANE	TEST POINTS AND/OR	SIGNAL DESCRIPTION	ECO NO	
	PREFIX	CONNECTOR	PIN	TO PIN	PREFIX	CONNECTOR	PIN	TO PIN	WIRE	WIRE	WIRE	WIRE												
09258		XA113	05		XA112	09			16B	9			TBT100	01	TBST11	01	1	TDD	B1		03B			
09259		XA112	09										TBT100	02	TBT100	00	1	TQ2	A3		04B	BOOTSTRAP1 SELE		
09260		XA207	46		XA112	07			16B	9			TBT11A	01	TBT11A	00	1	TQ2	D2		21A	BOOTSTRAP1 NOT B		
09261		XA112	07										TBT11A	02	TBT100	01	2	TQ2	A3		03A			
09262		XA144	35		XA138	68			16B	9			TBT12A	01	TBT12A	00	1	TQ4	C1		17B	SET BOOTSTRAP1		
09263		XA138	68		XA138	62			16B	9			TBT12A	02	TMRUM0	01	1	TQ2	E1		32A			
09264		XA138	62		XA112	03			16B	9			TBT12A	03	TBT120	01	1	TQ2	E2		29A			
09265		XA112	03										TBT12A	04	TBT100	01	1	TQ2	A3		02A			
09266		XA138	60		XA127	04			16B	9			TBT120	01	TBT120	00	1	TQ2	E2		28A	LITE DIAGNOSTIC P		
09267		XA127	04		XA427	08			16B	9			TBT120	02	JDIG8D	01	1	TLD	A2		04A			
09268		XA427	08		XA420	71			16B	9			TBT120	03	JEIG8D	01	1	TLD	A1		06A		D03	
09895		XA420	71										TBT120	04	TMRSD0X	01	1	DCF	D2		34B		D03	
09269		XA207	48		XA115	75			16B	9			TBT13A	01	TBT11A	01	1	TQ2	D2		22A			
09270		XA115	75										TBT13A	02	TBT13A	00	1	TQ2	F1		37B	STROBE CLOCK-A		
09271		XA109	66		XA113	24			16B	9			TBT200	01	TBT200	00	1	TQ2	E1		31A	SET BOOTSTRAP2		
09272		XA113	24										TBT200	02	TBST21	01	1	TDD	C1		13A			
09273		XA207	45		XA109	68			16B	9			TBT21A	01	TBT21A	00	1	TQ2	D3		24B	BOOTSTRAP2 ON LE		
09274		XA109	68										TBT21A	02	TBT200	01	1	TQ2	E1		32A			
09275		XA140	38		XA245	62			16B	9			TBYCAA	01	TBYCAA	00	1	TQ2	C1		18A	S14.M3.MEM PE*-AG01		
05410		XA245	62										TBYCAA	02	TBYCAA	01	1	THI	E3		29A		G01	
09277		XA319	40		XA319	29			16B	9			TBYCA0	01	TB2X1A	01	2	TT3	C1		19A			
09278		XA319	29		XA319	25			16B	9			TBYCA0	02	TB4X1A	01	1	TT3	C2		14B			
09279		XA319	25		XA319	14			16B	9			TBYCA0	03	TB3X1A	01	3	TT3	B3		12B			
09280		XA319	14		XA245	60			16B	9			TBYCA0	04	TB1X1A	01	1	TT3	B2		09A		G01	
07886		XA245	60										TBYCA0	05	TBYCA0	00	1	THI	E3		28A		G01	
09282		XA142	25		XA137	39			16B	9			TBY1CA	01	TBY1C0	01	2	TQ2	B4		12B			
09283		XA137	39		XA122	75			16B	9			TBY1CA	02	TBY1CA	00	1	TT3	C3		19B	BYTE 1 COMPARE B		
09284		XA122	75										TBY1CA	03	TDL11A	01	1	TT3	F1		37B			
09285		XA142	27		XA127	29			16B	9			TBY1C0	01	TBY1C0	00	1	TQ2	B4		13B	BYTE 1 COMPARE-B		
09286		XA127	29										TBY1C0	02	JDIG104	01	1	TLD	C3		14B			
09287		XA140	19		XA137	50			16B	9			TBY2CA	01	TBY2C0	01	2	TQ2	B3		09B			
09288		XA137	50		XA122	76			16B	9			TBY2CA	02	TBY2CA	00	1	TT3	D1		23A	BYTE 2 COMPARE B		
09289		XA122	76										TBY2CA	03	TDL12A	01	2	TT3	F3		37A			
09290		XA140	21		XA127	42			16B	9			TBY2C0	01	TBY2C0	00	1	TQ2	B3		10B	BYTE 2 COMPARE B		
09291		XA127	42										TBY2C0	02	JDIG304	01	2	TLD	C1		20A			
												****	SIGNAL	(TBZZIA)	IS ON THE NEXT PAGE ****									

DRAWING NUMBER		149019-800		STRING		UNIT ASSEMBLY NO.		149019		REV		G		INDEX		TBZZIA				
UNIT ASSEMBLY NAME		CARD CAGE ASSY, I/O UNIT		FILE IDENT		T39BIUX2		DATE		09-03-82		PAGE		116						
RECORD NUMBER	FROM			TO			WIRE			SIGNAL	SEQ NO	EQUATION	TERM	FACTOR	CKT OR CHIP TYPE	OHMS	LOAD OR POWER PLANE	TEST POINTS AND OR	SIGNAL DESCRIPTION	ECG NO
	PREFIX	CONNECTOR	PIN	PREFIX	CONNECTOR	PIN	MULTI GROUP	CODE	COL OR											
09292		XA150	01		XA141	18			16B	9		TBZZIA	01	1	TT3	A2		02B		
09293		XA141	18		XA142	55			16B	9		TBZZIA	02	1	TQ2	B2		10A		
09294		XA142	55		XA137	43			16B	9		TBZZIA	03	2	TQ2	E3		29B		
09295		XA137	43		XA305	75			16B	9		TBZZIA	04	1	TT3	D2		23B		BOOTSTRAP 1*.2
09296		XA305	75									TBZZIA	05	1	TD4	F1		37B		
09161		XA115	25		XA124	50			16B	9		TBZZIO	005	2	TQ2	B4		12B		005
09297		XA124	50		XA141	14			16B	9		TBZZIO	01	2	TQ2	D2		23A		
09298		XA141	14									TBZZIO	02	1	TQ2	B2		09A		BTS 1* . BTS 2
09299		XA146	57		XA247	25			16B	9		TB1XAA	01	1	TQ2	E3		30B		BYTE 1 TRANSFER
09300		XA247	25									TB1XAA	02	7	TS8	B1		12B		
09301		XA145	31		XA146	53			16B	9		TB1XA0	01	1	TT3	C2		15B		BYTE 1 TRANSFER
09302		XA146	53		XA237	08			16B	9		TB1XA0	02	1	TQ2	E3		28B		
09303		XA237	08		XA237	20			16B	9		TB1XA0	03	1	TQ2	A1		06A		
09304		XA237	20		XA237	37			16B	9		TB1XA0	04	2	TQ2	B2		11A		
09305		XA237	37		XA237	47			16B	9		TB1XA0	05	2	TQ2	C4		18B		
09306		XA237	47		XA235	40			16B	9		TB1XA0	06	1	TQ2	D4		25B		
09307		XA235	40		XA234	17			16B	9		TB1XA0	07	1	TQ2	C1		19A		
09308		XA234	17		XA235	11			16B	9		TB1XA0	08	1	TQ2	B3		08B		
09309		XA235	11		XA234	04			16B	9		TB1XA0	09	1	TQ2	A4		05B		
09310		XA234	04									TB1XA0	10	1	TQ2	A2		04A		
09311		XA319	19		XA145	29			16B	9		TB1X1A	01	1	TT3	B2		09B		BYTE 1 CONT. S14.
09312		XA145	29									TB1X1A	02	1	TT3	C2		14B		
09313		XA137	51		XA145	34			16B	9		TB1X2A	01	1	TT3	D3		27B		BTSP 1.2 .TE SHI
09314		XA145	34									TB1X2A	02	3	TT3	C2		16A		
09315		XA150	76		XA149	34			16B	9		TB135A	01	2	TT3	F3		37A		
09316		XA149	34		XA145	39			16B	9		TB135A	02	1	TQ2	C2		16A		
09317		XA145	39									TB135A	03	1	TT3	C3		19B		BURST. S13*.S05*
09318		XA334	46		XA141	22			16B	9		TB2XAA	01	2	TS8	D1		21A		
09319		XA141	22									TB2XAA	02	1	TQ2	B1		12A		BYTE 2 TRANSFER
09320		XA237	70		XA235	37			16B	9		TB2XA0	01	2	TQ2	E1		33A		
09321		XA235	37		XA237	36			16B	9		TB2XA0	02	2	TQ2	C4		18B		
09322		XA237	36		XA237	23			16B	9		TB2XA0	03	2	TQ2	C2		17A		
09323		XA237	23		XA237	03			16B	9		TB2XA0	04	1	TQ2	B4		11B		
09324		XA237	03		XA235	08			16B	9		TB2XA0	05	1	TQ2	A3		02A		
09325		XA235	08		XA235	20			16B	9		TB2XA0	06	1	TQ2	A1		06A		
09326		XA235	20		XA234	13			16B	9		TB2XA0	07	2	TQ2	B2		11A		
09327		XA234	13		XA145	50			16B	9		TB2XA0	08	2	TQ2	A4		06B		
09328		XA145	50		XA141	24			16B	9		TB2XA0	09	1	TT3	D1		23A		BYTE 2 TE00-07
09329		XA141	24									TB2XA0	10	1	TQ2	B1		13A		
09330		XA319	36		XA145	52			16B	9		TB2X1A	01	1	TT3	C1		17A		BYTE 2 CONT S14.
09331		XA145	52									TB2X1A	02	1	TT3	D1		24A		

DRAWING NUMBER		149019-800		STRING		UNIT ASSEMBLY NO.		149019		REV G		INCRX		TB2X1A										
UNIT ASSEMBLY NAME		CARD CAGE ASSY, I/O UNIT		FILE IDENT		T39B1UX2		DATE		09-03-82		PAGE		117										
RECORD NUMBER	FROM			TO			WIRE		MULTI GROUP	CODE	COLOR	IDENT	SIGNAL	SERIAL 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	TYPE																
09332		XA137	64		XA145	54		16B	9				TB2X2A	01	TB2X2A	00	1	TT3	E1		30A	BTSP 1.2 .TE SHI		
09333		XA145	54										TB2X2A	02	TR2XA0	01	2	TT3	D1		25A			
09334		XA334	37		XA334	20		16B	9				TB3XAA	01	TDC620	01	5	TS8	C1		18B	BYTE 3 TRANSFER		
09335		XA334	20		XA146	63		16B	9				TB3XAA	02	TDC610	01	4	TS8	B1		11A			
09336		XA146	63										TB3XAA	03	TB3XAA	00	1	TQ2	E4		33B			
09337		XA237	64		XA237	54		16B	9				TB3XA0	01	T0236A	01	2	TQ2	E2		30A	BTSP 1.2 .TE SHI		
09338		XA237	54		XA237	24		16B	9				TB3XA0	02	T0226A	01	1	TQ2	D1		25A			
09339		XA237	24		XA235	36		16B	9				TB3XA0	03	T0186A	01	1	TQ2	B1		13A			
09340		XA235	36		XA235	25		16B	9				TB3XA0	04	T0216A	01	2	TQ2	C2		17A	BTSP 1.2 .TE SHI		
09341		XA235	25		XA234	20		16B	9				TB3XA0	05	T0206A	01	2	TQ2	B4		12B			
09342		XA234	20		XA234	08		16B	9				TB3XA0	06	T0196A	01	2	TQ2	B2		11A	BYTE 3 TRANSFER		
09343		XA234	08		XA235	07		16B	9				TB3XA0	07	T0166A	01	1	TQ2	A1		06A			
09344		XA235	07		XA146	59		16B	9				TB3XA0	08	T0176A	01	2	TQ2	A3		03A	BTSP 1.2 .TE SHI		
09345		XA146	59		XA145	43		16B	9				TB3XA0	09	TB3XAA	01	1	TQ2	E4		31B			
09346		XA145	43										TB3XA0	10	TB3XA0	00	1	TT3	D2		23B	BYTE 3 TE00-07		
09347		XA319	27		XA145	41		16B	9				TB3X1A	01	TB3X1A	00	1	TT3	B3		13B	BYTE 3 CONT S14.		
09348		XA145	41										TB3X1A	02	TB3X1A	01	1	TT3	D2		22B			
09349		XA137	55		XA145	46		16B	9				TB3X2A	01	TB3X2A	00	1	TT3	E2		29B	BTSP 1.2 .TE SHI		
09350		XA145	46										TB3X2A	02	TB3XA0	01	2	TT3	D2		21A			
09351		XA334	08		XA146	75		16B	9				TB4XAA	01	TDC420	01	6	TS8	A1		06A	BYTE 4 TRANSFER		
09352		XA146	75										TB4XAA	02	TB4XAA	00	1	TQ2	F1		37B			
09353		XA144	33		XA146	79		16B	9				TB4XA0	01	TB4XA0	00	1	TD4	C2		16B	BTSP 1.2 .TE SHI		
09354		XA146	79		XA237	13		16B	9				TB4XA0	02	TB4XAA	01	2	TQ2	F1		39B			
09355		XA237	13		XA235	05		16B	9				TB4XA0	03	T0256A	01	2	TQ2	A4		06B	BYTE 4 TE00-07		
09356		XA235	05		XA235	17		16B	9				TB4XA0	04	T0246A	01	2	TQ2	A2		03B			
09357		XA235	17		XA235	24		16B	9				TB4XA0	05	T0276A	01	1	TQ2	B3		08B	BTSP 1.2 .TE SHI		
09358		XA235	24		XA235	29		16B	9				TB4XA0	06	T0266A	01	1	TQ2	B1		13A			
09359		XA235	29		XA237	40		16B	9				TB4XA0	07	T0296A	01	1	TQ2	C3		14B	BYTE 4 CONT S14.		
09360		XA237	40		XA237	43		16B	9				TB4XA0	08	T0286A	01	1	TQ2	C1		19A			
09361		XA237	43		XA237	59		16B	9				TB4XA0	09	T0306A	01	2	TQ2	D3		23B	BTSP 1.2 .TE SHI		
09362		XA237	59										TB4XA0	10	T0316A	01	1	TQ2	E4		31B			
09363		XA319	31		XA144	31		16B	9				TB4X1A	01	TB4X1A	00	1	TT3	C2		15B	BTSP 1.2 .TE SHI		
09364		XA144	31										TB4X1A	02	TB4XA0	01	2	TD4	C2		15B			
09365		XA122	43		XA144	36		16B	9				TB4X2A	01	TB4X2A	00	1	TT3	D2		23B	BYTE 4 TRANSFER		
09366		XA144	36										TB4X2A	02	TB4XA0	01	4	TD4	C2		17A			
09367		XA323	30		XA314	27		16B	9				TCAC1A	01	TCAM1A	01	1	TD4	C2		15A	TC CARRY GPI FOR		
09368		XA314	27										TCAC1A	02	TCAC1A	00	1	TQ2	B4		13B			
09369		XA308	04		XA310	64		16B	9				TCAC2A	01	TCAM2A	01	2	TD4	A2		04A			
													****	SIGNAL	(TCAC2A)	IS ON THE	NEXT PAGE	****						

DRAWING NUMBER UNIT ASSEMBLY NAME		149019-800 CARD CAGE ASSY, I/O UNIT										STRING		UNIT ASSEMBLY NO. FILE IDENT		149019 T39BIUX2		REV DATE		INDEX PAGE		TCAC2A 118	
RECORD NUMBER	FROM			TO			WIRE				SIGNAL	SEC NO	EQUATION	TERM	FACTOR	CKT OR CHIP TYPE	PLANE	LOAD OR POWER	TEST POINTS	SIGNAL DESCRIPTION	ECO NO		
	PREFIX	CONNECTOR	PIN	PREFIX	CONNECTOR	PIN	MULTI GROUP	CODE	COLOR	IDENT												TEST POINTS	
09370		XA310	64		XA320	66						TCAC2A	02	TCAC20	01	1	THI	E1		33A			
09371		XA320	66									TCAC2A	03	TCAC2A	00	1	TQ2	F1		31A	TC CARRY GP2 FOR		
09372		XA216	78		XA310	66						TCAC20	01	TCAI1A	01	7	TS8	F1		38A			
09373		XA310	66									TCAC20	02	TCAC20	00	1	THI	E1		32A	TC CAPRY GP2 FOR		
09374		XA308	24		XA310	61						TCAC3A	01	TCAM3A	01	2	T04	B1		13A			
09375		XA310	61		XA320	60						TCAC3A	02	TCAC30	01	1	THI	E2		31A			
09376		XA320	60									TCAC3A	03	TCAC3A	00	1	TQ2	E2		28A	TC CARRY GP3 FOR		
09377		XA310	63		XA308	13						TCAC30	01	TCAC30	00	1	THI	E2		30A	TC CARRY GP3 FOR		
09378		XA308	13		XA216	77						TCAC30	02	TCAI2A	01	4	T04	A1		06B			
09379		XA216	77									TCAC30	03	TCAI1A	01	6	TS8	F1		38B			
09380		XA308	18		XA310	62						TCAC4A	01	TCAM4A	01	2	T04	B2		10A			
09381		XA310	62		XA315	43						TCAC4A	02	TCAC40	01	1	THI	E3		29A			
09382		XA315	43									TCAC4A	03	TCAC4A	00	1	TT3	D2		23B	TC CARRY GP4 FOR		
09383		XA216	75		XA315	10						TCAC40	01	TCAI1A	01	8	TS8	F1		39B			
09384		XA315	10		XA308	08						TCAC40	02	TCAI3A	01	3	TT3	A1		07A			
09385		XA308	08		XA310	60						TCAC40	03	TCAI2A	01	2	T04	A1		06A			
09386		XA310	60									TCAC40	04	TCAC40	00	1	THI	E3		28A	TC CARRY GP4 FOR		
09387		XA308	37		XA310	55						TCAC5A	01	TCAM5A	01	1	T04	C1		18B			
09388		XA310	55		XA315	51						TCAC5A	02	TCAC50	01	1	THI	E4		29B			
09389		XA315	51									TCAC5A	03	TCAC5A	00	1	TT3	D3		27B	TC CARRY GP5 FOR		
09390		XA218	65		XA216	71						TCAC50	01	TCAI4A	01	1	TQ2	F3		34B			
09391		XA216	71		XA315	08						TCAC50	02	TCAI1A	01	1	TS8	F1		36A			
09392		XA315	08		XA308	06						TCAC50	03	TCAI3A	01	2	TT3	A1		06A			
09393		XA308	06		XA310	56						TCAC50	04	TCAI2A	01	1	T04	A1		05A			
09394		XA310	56									TCAC50	05	TCAC50	00	1	THI	E4		28B	TC CARRY GP5 FOR		
09395		XA332	75		XA220	75						TCAC60	01	TCAC60	00	1	TQ2	F1		37B	TC XFER CONT FOR		
09396		XA220	75		XA218	74						TCAC60	02	TCAI5A	01	1	THI	F6		39A			
09397		XA218	74		XA216	72						TCAC60	03	TCAI4A	01	2	TQ2	F3		35B			
09398		XA216	72		XA315	06						TCAC60	04	TCAI1A	01	2	TS8	F1		34A			
09399		XA315	06		XA308	10						TCAC60	05	TCAI3A	01	1	TT3	A1		05A			
09400		XA308	10		XA308	38						TCAC60	06	TCAI2A	01	3	T04	A1		07A			
09401		XA308	38									TCAC60	07	TCAM5A	01	2	T04	C1		18A			
09402		XA332	79		XA323	35						TCAC7A	01	TCAC60	01	2	TQ2	F1		39B			
09403		XA323	35									TCAC7A	02	TCAC7A	00	1	T04	C1		17B	TC CARRY GP6 FOR		
09404		XA327	51		XA332	77						TCAC8A	01	TCAC8A	00	1	TT3	D3		27B	TC CARRY GP6 FOR		
09405		XA332	77									TCAC8A	02	TCAC60	01	1	TQ2	F1		38B			
09406		XA218	47		XA220	65						TCAI1A	01	TCAT1A	01	1	TQ2	D4		25B			
09407		XA220	65		XA216	76						TCAI1A	02	TCAI10	01	1	THI	E6		33B			
09408		XA216	76									TCAI1A	03	TCAI1A	00	1	TS8	F1		37A	CARRY GROUPS 2-6		

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	PREFIX	CONNECTOR	PIN	SH FTG	PREFIX	CONNECTOR	PIN	SH FTG	MULTI GROUP	CODE	COLOR	IDENT												SPEC. INST. WIRE
09409 09410		XA220 XA323	68 31			XA323 31								16B 9							32B 15B	CARRY GROUPS 2-6		
09411 09412 09413		XA308 XA218 XA220	11 68 59			XA218 XA220	68 59							16B 9								05B 32A 31B	CARRY GROUPS 3-6	
09414 09415		XA220 XA308	57 05			XA308 05								16B 9								30B 03B	CARRY GROUPS 3-6	
09416 09417 09418		XA315 XA218 XA220	04 64 74			XA218 XA220	64 74							16B 9								04A 30A 35A	CARRY GROUPS 4-6	
09419 09420		XA308 XA220	25 72			XA220 72								16B 9								12B 34A	CARRY GROUPS 4-6	
09421 09422 09423		XA218 XA219 XA220	69 78 76			XA219 XA220	78 76							16B 9								35A 38A 37A	CARRY GROUPS 5-6	
09424 09425		XA308 XA220	19 78			XA220 78								16B 9								09B 36A	CARRY GROUPS 5-6	
09426 09427 09428		XA218 XA220 XA319	55 77 37			XA220 XA319	77 37							16B 9								29B 38A 18B	CARRY GROUP 6-A	
09429 09430		XA323 XA324	33 33			XA324 33								16B 9								16B 17B	CA MODIFY FOR GR	
09431 09432 09433 09434		XA218 XA218 XA314 XA324	31 59 20 31			XA218 XA314 XA324	59 20 31							16B 9								15B 31B 11A 16B	CA MODIFY GRP 1-	
09435 09436		XA308 XA324	09 39			XA324 39								16B 9								04B 19B	CA MODIFY FOR GR	
09437 09438 09439 09440		XA314 XA314 XA324 XA218	59 62 42 23			XA314 XA324 XA218	62 42 23							16B 9								31B 29A 18B 11B	CA MODIFY GRP 2-	
09441 09442		XA308 XA324	23 47			XA324 47								16B 9								11B 24A	CA MODIFY FOR GR	
09443		XA214	59			XA214	64							16B 9								31B		
													****	SIGNAL	(TCAM30)	IS ON THE				NEXT PAGE	****			

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09444		XA214	64		XA214	73			16B	9		TCAM30	02	TD202A	01	2	TQ2	E2		30A	
09445		XA214	73		XA324	49			16B	9		TCAM30	03	TD222A	01	2	TQ2	F2		36B	
09446		XA324	49									TCAM30	04	TCAM30	00	1	THI	D2		23A	CA MODIFY GRP 3-
09447		XA308	21		XA324	50			16B	9		TCAM4A	01	TCAM4A	00	1	T04	B2		10B	CA MODIFY FOR GR
09448		XA324	50									TCAM4A	02	TCAM40	01	1	THI	D3		22A	
09449		XA214	05		XA214	11			16B	9		TCAM40	01	TD242A	01	2	TQ2	A2		03B	
09450		XA214	11		XA214	76			16B	9		TCAM40	02	TD252A	01	1	TQ2	A4		05B	
09451		XA214	76		XA324	48			16B	9		TCAM40	03	TD232A	01	1	TQ2	F4		37A	
09452		XA324	48									TCAM40	04	TCAM40	00	1	THI	D3		21A	CA MODIFY GRP 4-
09453		XA308	35		XA324	41			16B	9		TCAM5A	01	TCAM5A	00	1	T04	C1		17B	CA MODIFY FOR GR
09454		XA324	41									TCAM5A	02	TCAM50	01	1	THI	D4		23B	
09455		XA214	20		XA214	23			16B	9		TCAM50	01	TD262A	01	2	TQ2	B2		11A	
09456		XA214	23		XA214	36			16B	9		TCAM50	02	TD272A	01	1	TQ2	B4		11B	
09457		XA214	36		XA324	46			16B	9		TCAM50	03	TD282A	01	2	TQ2	C2		17A	
09458		XA324	46									TCAM50	04	TCAM50	00	1	THI	D4		22B	CA MODIFY GRP 5-
09459		XA213	04		XA319	39			16B	9		TCAM6A	01	TCAM60	01	1	THI	A3		02A	GROUP 6 BITS 29-
09460		XA319	39									TCAM6A	02	TCAM6A	00	1	TT3	C3		19B	
09461		XA319	59		XA218	43			16B	9		TCAM60	01	TD312A	01	2	TT3	E3		31B	
09462		XA218	43		XA214	35			16B	9		TCAM60	02	TD302A	01	2	TQ2	D3		23B	
09463		XA214	35		XA213	03			16B	9		TCAM60	03	TD292A	01	1	TQ2	C4		17B	
09464		XA213	03									TCAM60	04	TCAM60	00	1	THI	A3		03A	GROUP 6 BITS TD2
09465		XA315	21		XA315	24			16B	9		TCATCA	01	TCAX50	01	1	TT3	B3		10B	
09466		XA315	24		XA315	18			16B	9		TCATCA	02	TCAX30	01	2	TT3	B1		13A	
09467		XA315	18		XA315	13			16B	9		TCATCA	03	TCAX40	01	3	TT3	B2		10A	
09468		XA315	13		XA315	01			16B	9		TCATCA	04	TCAX20	01	3	TT3	A3		06B	
09469		XA315	01		XA320	01			16B	9		TCATCA	05	TCAX10	01	1	TT3	A2		02B	
09470		XA320	01		XA218	78			16B	9		TCATCA	06	TCATCA	00	1	TQ2	A2		02B	XFER CA TO TD IF
09471		XA218	78									TCATCA	07	TCAX60	01	2	TQ2	F4		38A	
09472		XA218	51		XA315	05			16B	9		TCAT1A	01	TCAT1A	00	1	TQ2	D4		27B	XFER CA TO TD141
09473		XA315	05									TCAT1A	02	TCAX10	01	3	TT3	A2		02B	
09474		XA315	09		XA218	66			16B	9		TCAT2A	01	TCAX20	01	1	TT3	A3		04B	
09475		XA218	66									TCAT2A	02	TCAT2A	00	1	TQ2	E1		31A	XFER CA TO TD171
09476		XA218	60		XA315	22			16B	9		TCAT3A	01	TCAT3A	00	1	TQ2	E2		28A	XFER CA TO TD202
09477		XA315	22									TCAT3A	02	TCAX30	01	1	TT3	B1		12A	
09478		XA315	14		XA219	80			16B	9		TCAT4A	01	TCAX40	01	1	TT3	B2		09A	
09479		XA219	80									TCAT4A	02	TCAT4A	00	1	TQ2	F4		39A	XFER CA TO TD232
09480		XA218	57		XA315	25			16B	9		TCAT5A	01	TCAT5A	00	1	TQ2	E3		30B	XFER CA TO TD262
09481		XA315	25									TCAT5A	02	TCAX50	01	3	TT3	B3		12B	

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	PREFIX	CONNECTOR	PIN	OR PL	PREFIX	CONNECTOR	PIN	OR PL	MULTI GROUP	CODE	COLOR	IDENT												
09482		XA218	13		XA218	35				16B	9		TCAX10	01	TD151A	01	2	TQ2	A4		06B			
09483		XA218	35		XA315	07				16B	9		TCAX10	02	TD161A	01	1	TQ2	C4		17B			
09484		XA315	07		XA314	24				16B	9		TCAX10	03	TCAX10	00	1	TT3	A2		03A	XFER CONTROL TC1		
09485		XA314	24										TCAX10	04	TD141A	01	1	TQ2	B1		13A			
09486		XA314	68		XA314	53				16B	9		TCAX20	01	TD181A	01	1	TQ2	E1		32A			
09487		XA314	53		XA315	15				16B	9		TCAX20	02	TD191A	01	1	TQ2	E3		28B			
09488		XA315	15		XA218	17				16B	9		TCAX20	03	TCAX20	00	1	TT3	A3		07B	XFER CONTROL TC1		
09489		XA218	17										TCAX20	04	TD171A	01	1	TQ2	B3		08B			
09490		XA214	53		XA214	68				16B	9		TCAX30	01	TD211A	01	1	TQ2	E3		28B			
09491		XA214	68		XA214	77				16B	9		TCAX30	02	TD201A	01	1	TQ2	E1		32A			
09492		XA214	77		XA315	20				16B	9		TCAX30	03	TD221A	01	1	TQ2	F1		38B			
09493		XA315	20										TCAX30	04	TCAX30	00	1	TT3	B1		11A	XFER CONTROL TC2		
09494		XA315	19		XA214	65				16B	9		TCAX40	01	TCAX40	00	1	TT3	B2		09B	XFER CONTROL TC2		
09495		XA214	65		XA214	10				16B	9		TCAX40	02	TD231A	01	1	TQ2	F3		34B			
09496		XA214	10		XA214	03				16B	9		TCAX40	03	TD241A	01	2	TQ2	A1		07A			
09497		XA214	03										TCAX40	04	TD251A	01	1	TQ2	A3		02A			
09498		XA214	17		XA214	24				16B	9		TCAX50	01	TD271A	01	1	TQ2	B3		08B			
09499		XA214	24		XA214	40				16B	9		TCAX50	02	TD261A	01	1	TQ2	B1		13A			
09500		XA214	40		XA315	27				16B	9		TCAX50	03	TD281A	01	1	TQ2	C1		19A			
09501		XA315	27										TCAX50	04	TCAX50	00	1	TT3	B3		13B	XFER CONTROL TC2		
09502		XA218	80		XA214	56				16B	9		TCAX60	01	TCAX60	00	1	TQ2	F4		39A	XFER CONTROL TC2		
09503		XA214	56		XA214	48				16B	9		TCAX60	02	TD301A	01	2	TQ2	D1		26A			
09504		XA214	48		XA214	29				16B	9		TCAX60	03	TD311A	01	1	TQ2	D2		22A			
09505		XA214	29										TCAX60	04	TD291A	01	1	TQ2	C3		14B			
09506		XA140	13		XA146	72				16B	9		TCBCAA	01	TCBCA0	01	2	TQ2	A4		06B			
09507		XA146	72										TCBCAA	02	TCBCAA	00	1	TQ2	F2		34A	BYTE COUNTER PUL		
09508		XA122	77		XA122	69				16B	9		TCBCA0	01	TDLI1A	01	2	TT3	F1		38B			
09509		XA122	69		XA137	54				16B	9		TCBCA0	02	TDLI2A	01	1	TT3	F3		35A			
09510		XA137	54		XA137	37				16B	9		TCBCA0	03	TBY2CA	01	2	TT3	D1		25A			
09511		XA137	37		XA140	15				16B	9		TCBCA0	04	TBY1CA	01	3	TT3	C3		18B			
09512		XA140	15		XA340	17				16B	9		TCBCA0	05	TCBCA0	00	1	TQ2	A4		07B	BOOTSTRAP.SHIFT		
09513		XA340	17		XA340	23				16B	9		TCBCA0	06	TBLP1A	01	2	TT3	B2		08B			
09514		XA340	23		XA340	24				16B	9		TCBCA0	07	TBLP2A	01	2	TT3	B3		11B			
09515		XA340	24		XA340	40				16B	9		TCBCA0	08	TBLP0A	01	2	TT3	B1		13A			
09516		XA340	40										TCBCA0	09	TBLP3A	01	2	TT3	C1		19A			
09517		XA333	11		XA342	21				16B	9		TCBS1A	01	TCBS1A	00	1	TS8	A1		05B	BOOTSTRAP BYTE 1		
09518		XA342	21										TCBS1A	02	TCBS10	01	1	THI	B5		11B			
09519		XA137	35		XA342	19				16B	9		TCBS10	01	TBY1CA	01	2	TT3	C3		17B			
09520		XA342	19										TCBS10	02	TCBS10	00	1	THI	B5		10B	BOOTSTRAP COMPAR		

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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	PIK	WIRE	PREFIX	CONNECTOR	PIK	WIRE	MULTI GROUP	CODE	COLOR	IDENT													
09521		XA333	23			XA342	23				16B	9		TCBS2A	01	TCBS2A	00	1	TS8	B1		11B	BOOTSTRAP BYTE 2		
09522		XA342	23											TCBS2A	02	TCBS20	01	1	TH1	B2		12A			
09523		XA137	52			XA342	25				16B	9		TCBS20	01	T8Y2CA	01	1	TT3	D1		24A			
09524		XA342	25											TCBS20	02	TCBS20	00	1	TH1	B2		11A	BOOTSTRAP COMPAR		
09525		XA125	13			XA124	70				16B	9		TCB000	01	TCB000	00	1	TH1	A1		06A	BIT 00 CPU BUS R		
09526		XA124	70											TCB000	02	T0004A	01	2	TQ2	E1		33A			
09527		XA125	08			XA124	64				16B	9		TCB010	01	TCB010	00	1	TH1	A2		04A	BIT 01 CPU BUS R		
09528		XA124	64											TCB010	02	T0014A	01	2	TQ2	E2		30A			
09529		XA124	53			XA125	03				16B	9		TCB020	01	T0024A	01	1	TQ2	E3		28B	BIT 02 CPU BUS R		
09530		XA125	03											TCB020	02	TCB020	00	1	TH1	A3		03A			
09531		XA124	59			XA125	01				16B	9		TCB030	01	T0034A	01	1	TQ2	E4		31B			
09532		XA125	01											TCB030	02	TCB030	00	1	TH1	A4		02B	BIT 03 CPU BUS R		
09533		XA125	07			XA124	77				16B	9		TCB040	01	TCB040	00	1	TH1	A5		04B	BIT 04 CPU BUS R		
09534		XA124	77											TCB040	02	T0044A	01	1	TQ2	F1		38B			
09535		XA124	73			XA125	10				16B	9		TCB050	01	T0054A	01	2	TQ2	F2		36B			
09536		XA125	10											TCB050	02	TCB050	00	1	TH1	A6		06B	BIT 05 CPU BUS R		
09537		XA124	65			XA125	24				16B	9		TCB060	01	T0064A	01	1	TQ2	F3		34B	BIT 06 CPU BUS R		
09538		XA125	24											TCB060	02	TCB060	00	1	TH1	B1		13A			
09539		XA124	76			XA125	25				16B	9		TCB070	01	T0074A	01	1	TQ2	F4		37A			
09540		XA125	25											TCB070	02	TCB070	00	1	TH1	B2		11A	BIT 07 CPU BUS R		
09541		XA123	10			XA125	18				16B	9		TCB080	01	T0084A	01	2	TQ2	A1		07A	BIT 08 CPU BUS R		
09542		XA125	18											TCB080	02	TCB080	00	1	TH1	B3		09A			
09543		XA125	14			XA123	04				16B	9		TCB090	01	TCB090	00	1	TH1	B4		08B	BIT 09 CPU BUS R		
09544		XA123	04											TCB090	02	T0094A	01	1	TQ2	A2		04A			
09545		XA123	07			XA125	19				16B	9		TCB100	01	T0104A	01	2	TQ2	A3		03A	BIT 10 CPU BUS R		
09546		XA125	19											TCB100	02	TCB100	00	1	TH1	B5		10B			
09547		XA125	26			XA123	11				16B	9		TCB110	01	TCB110	00	1	TH1	B6		12B	BIT 11 CPU BUS R		
09548		XA123	11											TCB110	02	T0114A	01	1	TQ2	A4		05B			
09549		XA123	24			XA125	40				16B	9		TCB120	01	T0124A	01	1	TQ2	B1		13A	BIT 12 CPU BUS R		
09550		XA125	40											TCB120	02	TCB120	00	1	TH1	C1		19A			
09551		XA125	37			XA123	18				16B	9		TCB130	01	TCB130	00	1	TH1	C2		17A	BIT 13 CPU BUS R		
09552		XA123	18											TCB130	02	T0134A	01	1	TQ2	B2		10A			
														****	SIGNAL	(TCB140)								IS ON THE NEXT PAGE	****

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UNIT ASSEMBLY NAME				CARD CAGE ASSY, I/C UNIT				FILE IDENT		T39BIUX2		DATE		09-03-82		PAGE		123						
RECORD NUMBER	PREFIX	CONNECTOR	PIN	TO	PREFIX	CONNECTOR	PIN	WIRE	MULTI GROUP	CODE	COLOR	IDENT	SIGNAL	SFQ NO	EQUATION	TERM	CT OR CHIP TYPE	LOAD OR PLYER PLANE	TEST POINTS	SIGNAL DESCRIPTION	ECO NO			
09553		XA125	19		XA125	34		168	9				TCB140	01	TD144A	01	2	TQ2	B3	09B				
09554		XA125	34										TCB140	02	TCB140	00	1	THI	C3	15A	BIT 14 CPU BUS R			
09555		XA125	30		XA123	25		168	9				TCB150	01	TCB150	00	1	THI	C4	14B	BIT 15 CPU BUS R			
09556		XA123	25										TCB150	02	TD154A	01	2	TQ2	B4	12B				
09557		XA123	40		XA125	31		168	9				TCB160	01	TD164A	01	1	TQ2	C1	19A				
09558		XA125	31										TCB160	02	TCB160	00	1	THI	C5	16B	BIT 16 CPU BUS R			
09559		XA125	42		XA123	36		168	9				TCB170	01	TCB170	00	1	THI	C6	18B	BIT 17 CPU BUS R			
09560		XA123	36										TCB170	02	TD174A	01	2	TQ2	C2	17A				
09561		XA123	31		XA125	54		168	9				TCB180	01	TD184A	01	2	TQ2	C3	15B				
09562		XA125	54										TCB180	02	TCB180	00	1	THI	D1	25A	BIT 18 CPU BUS R			
09563		XA125	49		XA123	35		168	9				TCB190	01	TCB190	00	1	THI	D2	23A	BIT 19 CPU BUS R			
09564		XA123	35										TCB190	02	TD194A	01	1	TQ2	C4	17B				
09565		XA123	56		XA125	48		168	9				TCB200	01	TD204A	01	2	TQ2	D1	26A				
09566		XA125	48										TCB200	02	TCB200	00	1	THI	D3	21A	BIT 20 CPU BUS R			
09567		XA125	46		XA123	50		168	9				TCB210	01	TCB210	00	1	THI	D4	22B	BIT 21 CPU BUS R			
09568		XA123	50										TCB210	02	TD214A	01	2	TQ2	D2	23A				
09569		XA123	43		XA125	43		168	9				TCB220	01	TD224A	01	2	TQ2	D3	23B				
09570		XA125	43										TCB220	02	TCB220	00	1	THI	D5	24B	BIT 22 CPU BUS R			
09571		XA125	53		XA123	49		168	9				TCB230	01	TCB230	00	1	THI	D6	26B	BIT 23 CPU BUS R			
09572		XA123	49										TCB230	02	TD234A	01	2	TQ2	D4	26B				
09573		XA123	70		XA125	66		168	9				TCB240	01	TD244A	01	2	TQ2	E1	33A				
09574		XA125	66										TCB240	02	TCB240	00	1	THI	E1	32A	BIT 24 CPU BUS R			
09575		XA440	34		XA125	63		168	9				TCB250	01	TA004A	01	1	TQ2	C2	16A				
09576		XA125	63		XA123	64		168	9				TCB250	02	TCB250	00	1	THI	E2	30A	BIT 25 CPU BUS R			
09577		XA123	64										TCB250	03	TD254A	01	2	TQ2	E2	30A				
09578		XA123	53		XA125	60		168	9				TCB260	01	TD264A	01	1	TQ2	E3	28B				
09579		XA125	60		XA440	56		168	9				TCB260	02	TCB260	00	1	THI	E3	28A	BIT 26 CPU BUS R			
09580		XA440	56										TCB260	03	TA014A	01	2	TQ2	D1	26A				
09583		XA123	59		XA440	47		168	9				TCB270	01	TD274A	01	1	TQ2	E4	31B		D01		
09581		XA440	47		XA414	73		168	9				TCB270	02	TA024A	01	1	TQ2	D4	25B		D01		
07938		XA414	73										TCB270	03	TCB270	00	1	TT3	F1	36B		D01		
09584		XA124	51		XA123	77		168	9				TCB280	01	TCB280	00	1	TQ2	D4	27B	BIT 28 CPU BUS R			
09585		XA123	77		XA440	53		168	9				TCB280	02	TD284A	01	1	TQ2	F1	38B				
09586		XA440	53										TCB280	03	TA034A	01	1	TQ2	E3	28B				
09587		XA440	73		XA407	75		168	9				TCB290	01	TA044A	01	2	TQ2	F2	36B				
													****	SIGNAL (TCB290)		IS ON THE		NEXT PAGE		****				

DRAWING NUMBER		149019-800		STRING		UNIT ASSEMBLY NO.		149019		REV		G		INDEX		TCB290			
UNIT ASSEMBLY NAME				CARD CAGE ASSY, I/O UNIT				FILE IDENT		T3981UX2		DATE		09-03-82		PAGE		124	
RECORD NUMBER	FROM			TO			WIRE			SIGNAL	NO	EQUATION	TYPE	NO	TYPE	NO	TYPE	SIGNAL DESCRIPTION	NO
	PREFIX	CONNECTOR	PIN	PREFIX	CONNECTOR	PIN	MULTI GROUP	CODE	LO. NO										
09588		XA407	75		XA123	73		16B	9		TCB290	02	TCB290	03	TQ2	F1		37B	BIT 29 CPU BUS R
09589		XA123	73								TCB290	03	TQ294A	01	TQ2	F2		36B	
09590		XA123	65		XA438	65		16B	9		TCB300	01	TQ3J4A	01	TQ2	F3		34B	BIT 30 CPU BUS R
09591		XA438	65		XA407	72		16B	9		TCB300	02	TA054A	01	TQ2	F3		34B	
09592		XA407	72								TCB300	03	TCB300	00	TQ2	F2		34A	
09593		XA124	45		XA123	76		16B	9		TCB310	01	TCB310	00	TQ2	D3		24B	BIT 31 CPU BUS R
09594		XA123	76		XA440	76		16B	9		TCB310	02	TQ314A	01	TQ2	F4		37A	
09595		XA440	76								TCB310	03	TA064A	01	TQ2	F4		37A	
09596		XA313	79		XA313	71		16B	9		TCCCA	01	KIR21D	01	TLD	F1		39B	COMPUTER CONT TO
09597		XA313	71		XA346	69		16B	9		TCCCAA	02	KIR22D	01	TLD	F2		36A	
09598		XA346	69		XA349	24		16B	9		TCCCAA	03	TCCCAA	03	TQ2	F3		35A	
09599		XA349	24								TCCCAA	04	TS250D	01	TQ4	B1		13A	
09601		XA329	01		XA329	10		16B	9		TCCKAA	01	TC01BN	01	TDD	GN		02B	CLK INPUT TC00-1
09602		XA329	10		XA329	14		16B	9		TCCKAA	02	TC00BN	01	TDD	AN		07A	
09603		XA329	14		XA328	22		16B	9		TCCKAA	03	TC03BN	01	TDD	DN		09A	
09604		XA328	22		XA329	26		16B	9		TCCKAA	04	TCCKAA	03	TQ2	B1		12A	
09605		XA329	26		XA329	42		16B	9		TCCKAA	05	TC02BN	01	TDD	CN		14A	
09606		XA329	42								TCCKAA	06	TC04BN	01	TDD	EN		20A	
09607		XA329	70		XA329	60		16B	9		TCCKBA	01	TC08BN	01	TDD	JN		33A	CLK INPUT TC00-1
09608		XA329	60		XA329	56		16B	9		TCCKBA	02	TC09BN	01	TDD	KN		28A	
09609		XA329	56		XA328	52		16B	9		TCCKBA	03	TC06BN	01	TDD	GN		26A	
09610		XA328	52		XA329	46		16B	9		TCCKBA	04	TCCKBA	03	TQ2	D1		24A	
09611		XA329	46		XA329	30		16B	9		TCCKBA	05	TC07BN	01	TDD	HN		21A	
09612		XA329	30								TCCKBA	06	TC05BN	01	TDD	FN		15A	
09613		XA321	01		XA321	10		16B	9		TCCKCA	01	TC13BN	01	TDD	BN		02B	CLK INPUT TC00-1
09614		XA321	10		XA321	14		16B	9		TCCKCA	02	TC12BN	01	TDD	AN		07A	
09615		XA321	14		XA321	26		16B	9		TCCKCA	03	TC15BN	01	TDD	DN		09A	
09616		XA321	26		XA326	52		16B	9		TCCKCA	04	TC14BN	01	TDD	CN		14A	
09617		XA326	52		XA329	72		16B	9		TCCKCA	05	TCCKCA	03	TQ2	D1		24A	
09618		XA329	72		XA329	79		16B	9		TCCKCA	06	TC11BN	01	TDD	MN		34A	
09619		XA329	79								TCCKCA	07	TC10BN	01	TDD	LN		30B	
09620		XA321	56		XA321	46		16B	9		TCCK1A	01	TC18BN	01	TDD	GN		26A	CLK INPUT TC16-2
09621		XA321	46		XA321	42		16B	9		TCCK1A	02	TC19BN	01	TDD	HN		21A	
09622		XA321	42		XA321	30		16B	9		TCCK1A	03	TC16BN	01	TDD	EN		20A	
09623		XA321	30		XA320	06		16B	9		TCCK1A	04	TC17BN	01	TDD	FN		15A	
09624		XA320	06								TCCK1A	05	TCCK1A	03	TQ2	A1		05A	
09625		XA321	79		XA321	72		16B	9		TCCK2A	01	TC22BN	01	TDD	LN		39B	
09626		XA321	72		XA321	70		16B	9		TCCK2A	02	TC23BN	01	TDD	MN		34A	
09627		XA321	70		XA321	60		16B	9		TCCK2A	03	TC20BN	01	TDD	JN		33A	CLK INPUT TC16-2
09628		XA321	60		XA320	52		16B	9		TCCK2A	04	TC21BN	01	TDD	KN		28A	
09629		XA320	52								TCCK2A	05	TCCK2A	03	TQ2	D1		24A	

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DRAWING NUMBER 149019-800
 UNIT ASSEMBLY NAME CARD CAGE ASSY, I/O UNIT

STRING

UNIT ASSEMBLY NO. 149019
 FILE IDENT T39B IUX2

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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	PCO NO
	PREFIX	CONNECTOR	PIN	PREFIX	CONNECTOR	PIN	SM PG	MULTI GROUP	CODE	COLOR											
09630		XA317	01		XA317	10			16B	9		TCCK3A	01	TC25BN	01	1	TDD	BN	02B		
09631		XA317	10		XA317	14			16B	9		TCCK3A	02	TC24BN	01	1	TDD	AN	07A		
09632		XA317	14		XA317	26			16B	9		TCCK3A	03	TC27BN	01	1	TDD	DN	09A		
09633		XA317	26		XA314	69			16B	9		TCCK3A	04	TC26BN	01	1	TDD	CN	14A		
09634		XA314	69									TCCK3A	05	TCCK3A	00	1	TQ2	F3	35A	CLK INPUT TC24-3	
09635		XA317	30		XA317	42			16B	9		TCCK4A	01	TC29BN	01	1	TDD	FN	15A		
09636		XA317	42		XA317	46			16B	9		TCCK4A	02	TC28BN	01	1	TDD	EN	20A		
09637		XA317	46		XA317	56			16B	9		TCCK4A	03	TC31BN	01	1	TDD	HN	21A		
09638		XA317	56		XA314	80			16B	9		TCCK4A	04	TC30BN	01	1	TDD	GN	26A		
09639		XA314	80									TCCK4A	05	TCCK4A	00	1	TQ2	F4	39A	CLK INPUT TC24-3	
09640		XA141	36		XA140	72			16B	9		TCDENA	01	TD0PA0	01	2	TQ2	C2	17A		
09641		XA140	72									TCDENA	02	TCDENA	00	1	TQ2	F2	34A	COMMAND + ENABLE	
09642		XA142	04		XA140	73			16B	9		TCDENO	01	TXC15A	01	1	TQ2	A2	04A		
09643		XA140	73		XA141	75			16B	9		TCDENO	02	TCDENA	01	2	TQ2	F2	36B		
09644		XA141	75		XA443	04			16B	9		TCDENO	03	TCDENO	00	1	TQ2	F1	37B	COMMAND + ENABLE	
09645		XA443	04									TCDENO	04	TCENIA	01	1	TQ2	A2	04A		
09646		XA315	38		XA327	11			16B	9		TCD1B0	01	TC152A	01	1	TT3	C1	18A		
09647		XA327	11		XA328	26			16B	9		TCD1B0	02	TC142A	01	2	TT3	A3	05B		
09648		XA328	26		XA326	54			16B	9		TCD1B0	03	TCCKAA	01	2	TQ2	B1	14A		
09649		XA326	54		XA328	56			16B	9		TCD1B0	04	TCCKCA	01	1	TQ2	D1	25A		
09650		XA328	56		XA334	59			16B	9		TCD1B0	05	TCCKBA	01	2	TQ2	D1	26A		
09651		XA334	59									TCD1B0	06	TCD1B0	00	1	TS8	E1	31B	T00031 TO TC0031	
09652		XA250	34		XA250	18			16B	9		TCD11A	01	TC03A0	01	3	TS8	C1	16A		
09653		XA250	18		XA245	03			16B	9		TCD11A	02	TC02A0	01	2	TS8	B1	10A		
09654		XA245	03		XA334	64			16B	9		TCD11A	03	TC011A	00	1	THI	A3	03A	S4+S2 TBST1 (BYT	
09655		XA334	64									TCD11A	04	TC01B0	01	5	TS8	E1	30A		
09656		XA246	09		XA245	04			16B	9		TCD110	01	TC0110	00	1	TQ2	A3	04B	S04 + S02.BTSTP	
09657		XA245	04									TCD110	02	TC011A	01	1	THI	A3	02A		
09658		XA250	19		XA250	42			16B	9		TCD12A	01	TC02A0	01	3	TS8	B1	09B		
09659		XA250	42		XA246	57			16B	9		TCD12A	02	TC03A0	01	8	TS8	C1	20A		
09660		XA246	57		XA334	66			16B	9		TCD12A	03	TC012A	00	1	TQ2	E3	30B	S08.MEMORY PARIT	
09661		XA334	66									TCD12A	04	TC01B0	01	6	TS8	E1	31A		
09662		XA332	74		XA334	62			16B	9		TCD13A	01	TC0810	01	2	TQ2	F3	35B		
09663		XA334	62		XA246	63			16B	9		TCD13A	02	TC01B0	01	4	TS8	E1	29A		
09664		XA246	63		XA250	36			16B	9		TCD13A	03	TC013A	00	1	TQ2	E4	33B	S16.MEMORY PE*.M	
09665		XA250	36		XA250	14			16B	9		TCD13A	04	TC03A0	01	4	TS8	C1	17A		
09666		XA250	14									TCD13A	05	TC02A0	01	1	TS8	B1	09A		
09667		XA144	30		XA250	26			16B	9		TCD14A	01	TB4XA0	01	1	TD4	C2	15A		
09668		XA250	26		XA250	40			16B	9		TCD14A	02	TC02A0	01	8	TS8	B1	14A		
09669		XA250	40		XA246	75			16B	9		TCD14A	03	TC03A0	01	7	TS8	C1	19A		
09670		XA246	75		XA329	03			16B	9		TCD14A	04	TC014A	00	1	TQ2	F1	37B	S18.MEMORY PE*.M	
											****	SIGNAL (TC014A)	IS ON THE NEXT PAGE				****				

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RECORD NUMBER	FROM				TO				WIRE				SIGNAL	SEC NO	EQUATION	TERM	FACT	CKT OR CHIP TYPE	GROUP	LOAD OR POWER PLANE	TEST POINTS AND/OR	SIGNAL DESCRIPTION	ECO NO		
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09671		XA329	03		XA334	68							TCD14A	05	TC01BQ	01	1	TDD	BQ		02A				
09672		XA334	68										TCD14A	06	TC01B0	01	7	TS8	E1		03A				
09673		XA351	55		XA246	07							TCD15A	01	TC015A	00	1	TT3	E2		29B	S02.BOOTSTRAP 1.			
09674		XA246	07										TCD15A	02	TC0110	01	2	TQ2	A3		03A				
09675		XA149	31		XA245	51							TCD16A	01	TM3B50	01	2	TQ2	C3		15B				
09676		XA245	51		XA245	61							TCD16A	02	TC0160	01	1	THI	D6		27B				
09677		XA245	61		XA351	04							TCD16A	03	TC0170	01	1	THI	E2		31A				
09678		XA351	04										TCD16A	04	TC016A	00	1	TT3	A1		04A	MEM PE*.M3			
09679		XA134	17		XA136	54							TCD160	01	TQBPAA	01	2	TT3	B2		08B				
09680		XA136	54		XA140	42							TCD160	02	TTWPCA	01	3	TD4	D1		25A				
09681		XA140	42		XA149	42							TCD160	03	TBYCAA	01	2	TQ2	C1		20A				
09682		XA149	42		XA246	59							TCD160	04	TM051A	01	2	TQ2	C1		20A				
09683		XA246	59		XA245	53							TCD160	05	TC013A	01	1	TQ2	E4		31B				
09684		XA245	53		XA246	77							TCD160	06	TC0160	00	1	THI	D6		26B	MEM PE*.M3			
09685		XA246	77		XA345	73							TCD160	07	TC014A	01	1	TQ2	F1		38B				
09686		XA345	73		XA319	62							TCD160	08	TS073A	01	3	TD4	F2		38B				
09687		XA319	62		XA326	13							TCD160	09	TCST6A	01	3	TT3	E2		29A				
09688		XA326	13										TCD160	10	TCST5A	01	2	TQ2	A4		06B				
09689		XA108	25		XA115	05							TCD170	01	TES32A	01	3	TT3	B3		12B				
09690		XA115	05		XA122	49							TCD170	02	TSTR1A	01	2	TQ2	A2		03B				
09691		XA122	49		XA325	37							TCD170	03	TM6PEA	01	3	TT3	D3		26B				
09692		XA325	37		XA325	18							TCD170	04	TS006A	01	1	TD4	C1		18B				
09693		XA325	18		XA343	11							TCD170	05	TE0B2A	01	2	TD4	B2		10A				
09694		XA343	11		XA349	19							TCD170	06	TS114A	01	2	TT3	A3		05B				
09695		XA349	19		XA248	50							TCD170	07	TS092A	01	3	TD4	B2		09B				
09696		XA248	50		XA245	63							TCD170	08	TS113A	01	4	TD4	D2		23A				
09697		XA245	63										TCD170	09	TC0170	00	1	THI	E2		30A				
09698		XA315	30		XA315	33							TC02A0	01	TC162A	01	2	TT3	C2		15A				
09699		XA315	33		XA320	56							TC02A0	02	TC172A	01	1	TT3	C3		16B				
09700		XA320	56		XA320	08							TC02A0	03	TCCK2A	01	2	TQ2	D1		26A				
09701		XA320	08		XA250	23							TC02A0	04	TCCK1A	01	1	TQ2	A1		06A				
09702		XA250	23										TC02A0	05	TC02A0	00	1	TS8	B1		11B	TD0031-TC0031+TD			
09703		XA116	46		XA128	34							TC023A	01	TC023A	00	1	TQ2	D2		21A				
09704		XA128	34										TC023A	02	TDS080	01	3	TS8	C1		16A				
16216		XA334	77		XA128	18							TC024A	005	TMHST0	01	6	TS8	F1		38B		097		
09705		XA128	18		XA116	51							TC024A	01	TDS010	01	2	TS8	B1		10A				
09706		XA116	51										TC024A	02	TC024A	00	1	TQ2	D4		27B				
09707		XA314	76		XA314	74							TC03A0	01	TCCK4A	01	1	TQ2	F4		37A				
09708		XA314	74		XA250	35							TC03A0	02	TCCK3A	01	2	TQ2	F3		35B				
09709		XA250	35										TC03A0	03	TC03A0	00	1	TS8	C1		17B	TD2431-TC2431 XF			
09710		XA248	06		XA250	30							TC031A	01	TS223A	01	1	TD4	A1		05A				
													****	SIGNAL	(TCD31A)	IS ON THE NEXT PAGE ****									

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RECORD NUMBER	FROM			TO			WIRE			SIGNAL	SPD NO	EQUATION	Z	C	T	L	K	M	P	Q	R	S	T	U	V	W	X	Y	Z	TEST POINTS AND OP	SIGNAL DESCRIPTION	ECO NO
	PREFIX	CONNECTOR	PIN	PREFIX	CONNECTOR	PIN	INSUL GROUP	CODE	CW ON																							
09711		XA250	30		XA246	72		168	9		TC031A	02	TC03A0	01	1	TS8	C1												15A			
09712		XA246	72		XA349	22		168	9		TC031A	03	TC031A	00	1	TQ2	F2												34A	S22(0FR0+0FR1+0FR		
09713		XA349	22								TC031A	04	TS2500	01	1	TD4	B1												12A			
09714		XA246	33		XA246	71		168	9		TC0320	01	TC0320	00	1	TD4	C2											16B	0FR0+0FR1+0FR2+D			
09715		XA246	71		XA335	73		168	9		TC0320	02	TC031A	01	1	TQ2	F2											36A				
09716		XA335	73								TC0320	03	TS262A	01	2	TQ2	F2											36B				
09717		XA439	36		XA443	01		168	9		TCEN1A	01	TCEN10	01	1	TH1	C3											16A				
09718		XA443	01								TCEN1A	02	TCEN1A	00	1	TQ2	A2											02B	(COMMAND + ENABL			
09719		XA439	34		XA446	56		168	9		TCEN10	01	TCEN10	00	1	TH1	C3											15A	(COMMAND + ENABL			
09720		XA446	56		XA446	40		168	9		TCEN10	02	TDL61A	01	2	TQ2	F1											26A				
09721		XA446	40		XA446	26		168	9		TCEN10	03	TDL41A	01	1	TQ2	C1											19A				
09722		XA446	26		XA446	29		168	9		TCEN10	04	TDL21A	01	2	TQ2	B1											14A				
09723		XA446	29		XA446	17		168	9		TCEN10	05	TDL51A	01	1	TQ2	C3											14B				
09724		XA446	17		XA446	10		168	9		TCEN10	06	TDL31A	01	1	TQ2	B3											08B				
09725		XA446	10		XA446	04		168	9		TCEN10	07	TDL01A	01	2	TQ2	A1											07A				
09726		XA446	04		XA446	03		168	9		TCEN10	08	TDL71A	01	1	TQ2	A2											04A				
09727		XA446	03								TCEN10	09	TDL11A	01	1	TQ2	A3											02A				
09728		XA336	37		XA336	26		168	9		TCK04K	01						OSC	4C													
09729		XA336	26								TCK04K	02						OSC														
20405		XA142	79		XA336	41		168	9		TCK08J	01	TC05AA	01	2	TQ2	F1											39B				
07913		XA336	41								TCK08J	02						OSC	8													
09730		XA116	62		XA116	68		168	9		TCK08K	01	TC05B0	01	1	TQ2	E2											29A				
09731		XA116	68		XA336	39		168	9		TCK08K	02	TC05A0	01	1	TQ2	E1											32A				
09732		XA336	39								TCK08K	03						OSC	8C													
09733		XA420	59	3	XA303	30	3	168	9		TCMDADG4	01						DCF														
09734		XA303	30								TCMDADG4	02						EXT														
09735		XA303	29		XA410	19		168	9		TCMDADX4	01						EXT														
09736		XA410	19		XA420	61		168	9		TCMDADX4	02						RR4	B5													
09737		XA420	61								TCMDADX4	03	TCMDADX400	1	1	DCF	D7											33A	EXT COMMAND			
09738		XA114	62		XA238	59		168	9		TCMDBP	01	TCMD40	01	4	TS8	E1											29A				
09739		XA238	59		XA141	77		168	9		TCMDBP	02	TCMDBP	00	1	TDD	JP											31B	COMMAND F/F RESE			
09740		XA141	77		XA147	19		168	9		TCMDBP	03	TCDENO	01	1	TQ2	F1											38B				
09741		XA147	19								TCMDBP	04	TBD14A	01	3	TS8	B1											09B				
09742		XA426	61		XA420	70		168	9		TCMDBQ	01	TCMDCA	01	1	TH1	E2											31A				
09743		XA420	70		XA305	66		168	9		TCMDBQ	02	TCMDA0X	01	1	DCF	D8											35A				
09744		XA305	66		XA206	33		168	9		TCMDBQ	03	TIO1HA	01	2	TD4	E1											31A				
09745		XA206	33		XA238	61		168	9		TCMDBQ	04	TI213A	01	1	TT3	C3											16B				
09746		XA238	61								TCMDBQ	05	TCMDBQ	00	1	TDD	JQ											32B	COMMAND F/F SET			
09747		XA426	63		XA518	65		168	9		TCMDCA	01	TCMDCA	00	1	TH1	E2											30A				
								****	SIGNAL	(TCMDCA)																						

DRAWING NUMBER		149019-800		STRING		UNIT ASSEMBLY NO.		149019		REV		G		INDEX		TCMDCA						
UNIT ASSEMBLY NAME				CARD CAGE ASSY, I/O UNIT				FILE IDENT				T39BIUX2				DATE		PAGE		128		
RECORD NUMBER	PREFIX	CONNECTOR	PIN	PREFIX	CONNECTOR	PIN	MULTI GROUP	CODE	COPIES	IDENT	SIGNAL	EQ NO	EQUATION	TRK	CH	TYPE	COND	COND	COND	COND	SIGNAL DESCRIPTION	EQ NO
09748		XA518	65		XA525	65		16B	9		TCMDCA	02	XICMD0	01	1	THI	F6				33B	
09749		XA525	65		XA531	65		16B	9		TCMDCA	03	XACMD0	01	1	THI	E6				33B	
09750		XA531	65		XA538	65		16B	9		TCMDCA	04	XBCMD0	01	1	THI	E6				33B	
09751		XA538	65		XA544	65		16B	9		TCMDCA	05	XCCMD0	01	1	THI	E6				33B	
09752		XA544	65		XA551	65		16B	9		TCMDCA	06	XDCMD0	01	1	THI	E6				33B	
09753		XA551	65								TCMDCA	07	XECMD0	01	1	THI	E6				33B	
09754		XA114	59		XA238	68		16B	9		TCMD40	01	TCMD40	00	1	TS8	E1				31B	ORED DATA
09755		XA238	68								TCMD40	02	TCMDB1	01	1	TDD	J1				32A	
09756		XA135	79		XA136	76		16B	9		TCMP2A	01	TCMP20	01	1	THI	F1				39B	
09757		XA136	76		XA142	74		16B	9		TCMP2A	02	TCMP2A	00	1	TD4	F1				37A	ALL BYTES COMPAR
09758		XA142	74								TCMP2A	03	TDLI3A	01	2	TQ2	F3				35B	
09759		XA127	34		XA135	80		16B	9		TCMP20	01	JDIG2D4	01	1	TLD	C2				16A	
09760		XA135	80								TCMP20	02	TCMP20	00	1	THI	F1				38B	ALL BYTES COMPAR
09761		XA142	78		XA136	69		16B	9		TCMP4A	01	TDLI4A	01	2	TQ2	F4				38A	
09762		XA136	69		XA135	73		16B	9		TCMP4A	02	TCMP4A	00	1	TD4	F2				35A	ALL BYTES COMPAR
09763		XA135	73		XA108	10		16B	9		TCMP4A	03	TCMP40	01	1	THI	F2				37B	
09764		XA108	10								TCMP4A	04	TDLI5A	01	3	TT3	A1				07A	
09765		XA127	25		XA135	71		16B	9		TCMP40	01	JDIG4D4	01	2	TLD	B4				12B	
09766		XA135	71		XA343	69		16B	9		TCMP40	02	TCMP40	00	1	THI	F2				36B	ALL BYTES COMPAR
09767		XA343	69								TCMP40	03	TS77AA	01	1	TT3	F3				35A	
09768		XA134	73		XA135	65		16B	9		TCMw2A	01	TCMw2A	00	1	TT3	F1				36B	STATE 3.BYTE 1. B
09769		XA135	65								TCMw2A	02	TCMw20	01	1	THI	E6				33B	
09770		XA142	65		XA135	68		16B	9		TCMw20	01	TDLI3A	01	1	TQ2	F3				34B	
09771		XA135	68		XA127	36		16B	9		TCMw20	02	TCMw20	00	1	THI	E6				32B	S03.BYTE 2.BOOT5
09772		XA127	36								TCMw20	03	JDIG2D4	01	2	TLD	C2				17A	
09773		XA134	74		XA135	69		16B	9		TCMw4A	01	TCMw4A	00	1	TT3	F2				35B	STATE 3.BYTE 2. B
09774		XA135	69								TCMw4A	02	TCMw40	01	1	THI	F3				35B	
09775		XA142	76		XA135	70		16B	9		TCMw40	01	TDLI4A	01	1	TQ2	F4				37A	
09776		XA135	70		XA127	23		16B	9		TCMw40	02	TCMw40	00	1	THI	F3				34B	S03.BYTE 3.BOOT5
09777		XA127	23								TCMw40	03	JDIG4D4	01	1	TLD	B4				11B	
09778		XA324	06		XA227	76		16B	9		TCM12A	01	TCM120	01	1	THI	A2				05A	
09779		XA227	76								TCM12A	02	TCM12A	00	1	TS8	F1				37A	BYTE 1 OF WD 1 B
09780		XA136	78		XA324	08		16B	9		TCM120	01	TCMP2A	01	3	TD4	F1				38A	
09781		XA324	08								TCM120	02	TCM120	00	1	THI	A2				04A	BY 1 WD1 OF BTST
09782		XA324	11		XA324	04		16B	9		TCM14A	01	TCM14A	00	1	TS8	A1				05B	BYTE 1 OF WD 2 B
09783		XA324	04								TCM14A	02	TCM140	01	1	THI	A3				02A	
09784		XA136	74		XA324	03		16B	9		TCM140	01	TCMP4A	01	4	TD4	F2				35B	
												**** SIGNAL (TCM140) IS ON THE NEXT PAGE ****										

DRAWING NUMBER 149019-800
 UNIT ASSEMBLY NAME CARD CAGE ASSY,I/O UNIT

STRING

UNIT ASSEMBLY NO. 149019
 FILE IDENT T398IUX2

REV G
 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	COLCR	IDENT												
09785		XA324	03									TCM140	02	TCM140	00	1	THI	A3	03A	BY 1 WD2 OF BTST		
09786		XA322	23		XA324	22						TCM22A	01	TCM22A	00	1	TS8	B1	11B	BYTE 2 OF WD 1 B		
09787		XA324	22									TCM22A	02	TCM220	01	1	THI	B1	14A			
09788		XA136	79		XA324	24						TCM220	01	TCMP2A	01	4	TD4	F1	39B			
09789		XA324	24									TCM220	02	TCM220	00	1	THI	B1	13A	BY 2 WD1 OF BTST		
09790		XA322	35		XA324	38						TCM24A	01	TCM24A	00	1	TS8	C1	17B	BYTE 2 OF WD 2 B		
09791		XA324	38									TCM24A	02	TCM240	01	1	THI	C1	20A			
09792		XA136	72		XA324	40						TCM240	01	TCMP4A	01	2	TD4	F2	34A			
09793		XA324	40									TCM240	02	TCM240	00	1	THI	C1	19A	BY 2 WD2 OF BTST		
09794		XA322	47		XA324	52						TCM32A	01	TCM32A	00	1	TS8	D1	25B	BYTE 3 OF WD 1 B		
09795		XA324	52									TCM32A	02	TCM320	01	1	THI	D1	26A			
09796		XA136	77		XA324	54						TCM320	01	TCMP2A	01	2	TD4	F1	38B			
09797		XA324	54									TCM320	02	TCM320	00	1	THI	D1	25A	BY 3 WD1 OF BTST		
09798		XA322	59		XA324	64						TCM34A	01	TCM34A	00	1	TS8	E1	31B	BYTE 3 OF WD 2 B		
09799		XA324	64									TCM34A	02	TCM340	01	1	THI	E1	33A			
09800		XA136	71		XA324	66						TCM340	01	TCMP4A	01	1	TD4	F2	36A			
09801		XA324	66									TCM340	02	TCM340	00	1	THI	E1	32A	BY 3 WD2 OF BTST		
09802		XA322	76		XA324	76						TCM42A	01	TCM42A	00	1	TS8	F1	37A	BYTE 4 OF WD 1 B		
09803		XA324	76									TCM42A	02	TCM420	01	1	THI	F5	37A			
09804		XA136	75		XA324	78						TCM420	01	TCMP2A	01	1	TD4	F1	37B			
09805		XA324	78									TCM420	02	TCM420	00	1	THI	F5	36A	BY 4 WD1 OF BTST		
09806		XA221	76		XA220	69						TCM44A	01	TCM44A	00	1	TS8	F1	37A	BYTE 4 OF WD 2 B		
09807		XA220	69									TCM44A	02	TCM440	01	1	THI	F3	35B			
09808		XA136	73		XA220	70						TCM440	01	TCMP4A	01	3	TD4	F2	36B			
09809		XA220	70									TCM440	02	TCM440	00	1	THI	F3	34B	BY 4 WD2 OF BTST		
09810		XA334	52		XA334	30						TCPCAA	01	TDC820	01	6	TS8	D1	24A			
09811		XA334	30		XA334	14						TCPCAA	02	TDC620	01	1	TS8	C1	15A			
09812		XA334	14		XA334	06						TCPCAA	03	TDC610	01	1	TS8	B1	09A			
09813		XA334	06		XA225	38						TCPCAA	04	TDC420	01	4	TS8	A1	05A			
09814		XA225	38		XA247	22						TCPCAA	05	TCPCAA	00	1	TQ2	C1	18A			
09815		XA247	22									TCPCAA	06	TDC010	01	5	TS8	B1	12A			
09816		XA134	50		XA123	08						TCPDAO	01	TCPDAO	00	1	TT3	D1	23A	DATA BUS TO TD R		
09817		XA123	08		XA124	55						TCPDAO	02	TD084A	01	1	TQ2	A1	06A			
09818		XA124	55		XA124	61						TCPDAO	03	TD024A	01	2	TQ2	E3	29B			
09819		XA124	61		XA124	62						TCPDAO	04	TD034A	01	2	TQ2	E4	32B			
09820		XA124	62		XA124	68						TCPDAO	05	TD014A	01	1	TQ2	E2	29A			
												****	SIGNAL	(TCPDAO						IS ON THE	NEXT PAGE	****

DRAWING NUMBER 149019-800
 UNIT ASSEMBLY NAME CARD CAGE ASSY,I/O UNIT

STRING

UNIT ASSEMBLY NO. 149019
 FILE IDENT T398IUX2

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RECORD NUMBER	FROM			SH FG	TO			SH FG	WIRE				SIGNAL	SEQ NO	EQUATION	TERM	FACTOR	CKT OR CHIP TYPE	GROUP	LOAD OR POWER PLANE	TEST POINTS AND/OR	SIGNAL DESCRIPTION	ECO NO	
	PREFIX	CONNECTOR	PIN		PREFIX	CONNECTOR	PIN		MULTI GROUP	CODE	COLCR	IDENT												
09785		XA324	03										TCM140	02	TCM140	00	1	THI	A3		03A	BY 1 WD2 OF BTST		
09786		XA322	23		XA324	22						16B	9								11B	BYTE 2 OF WD 1 B		
09787		XA324	22										TCM22A	02	TCM220	01	1	THI	B1		14A			
09788		XA136	79		XA324	24						16B	9								39B			
09789		XA324	24										TCM220	02	TCM220	00	1	THI	B1		13A	BY 2 WD1 OF BTST		
09790		XA322	35		XA324	38						16B	9								17B	BYTE 2 OF WD 2 B		
09791		XA324	38										TCM24A	01	TCM240	00	1	TS8	C1		20A			
09792		XA136	72		XA324	40						16B	9								34A			
09793		XA324	40										TCM240	02	TCM240	00	1	THI	C1		19A	BY 2 WD2 OF BTST		
09794		XA322	47		XA324	52						16B	9								25B	BYTE 3 OF WD 1 B		
09795		XA324	52										TCM32A	01	TCM320	00	1	TS8	D1		26A			
09796		XA136	77		XA324	54						16B	9								38B			
09797		XA324	54										TCM320	02	TCM320	00	1	THI	D1		25A	BY 3 WD1 OF BTST		
09798		XA322	59		XA324	64						16B	9								31B	BYTE 3 OF WD 2 B		
09799		XA324	64										TCM34A	01	TCM340	00	1	THI	E1		33A			
09800		XA136	71		XA324	66						16B	9								36A			
09801		XA324	66										TCM340	02	TCM340	00	1	THI	E1		32A	BY 3 WD2 OF BTST		
09802		XA322	76		XA324	76						16B	9								37A	BYTE 4 OF WD 1 B		
09803		XA324	76										TCM42A	01	TCM420	00	1	THI	F5		37A			
09804		XA136	75		XA324	78						16B	9								37B			
09805		XA324	78										TCM420	02	TCM420	00	1	THI	F5		36A	BY 4 WD1 OF BTST		
09806		XA221	76		XA220	69						16B	9								37A	BYTE 4 OF WD 2 B		
09807		XA220	69										TCM44A	01	TCM440	00	1	THI	F3		35B			
09808		XA136	73		XA220	70						16B	9								36B			
09809		XA220	70										TCM440	02	TCM440	00	1	THI	F3		34B	BY 4 WD2 OF BTST		
09810		XA334	52		XA334	30						16B	9								24A			
09811		XA334	30		XA334	14						16B	9								15A			
09812		XA334	14		XA334	06						16B	9								09A			
09813		XA334	06		XA225	38						16B	9								05A			
09814		XA225	38		XA247	22						16B	9								18A			
09815		XA247	22										TCPCAA	05	TCPCAA	00	1	TQ2	C1		12A			
09816		XA134	50		XA123	08						16B	9								23A	DATA BUS TO TD R		
09817		XA123	08		XA124	55						16B	9								06A			
09818		XA124	55		XA124	61						16B	9								29B			
09819		XA124	61		XA124	62						16B	9								32B			
09820		XA124	62		XA124	68						16B	9								29A			
													****	SIGNAL	(TCPDAO							IS ON THE	NEXT PAGE	****

DRAWING NUMBER UNIT ASSEMBLY NAME		149019-800 CARD CAGE ASSY, I/O UNIT										STRING		UNIT ASSEMBLY NO. FILE IDENT		REV G DATE		INDEX PAGE		TCPDA0 130	
RECORD NUMBER	FROM			TO			WIRE				SIGNAL	SEC NO	EQUATION	TERM	FACTOR	CKT OR CHIP TYPE	GROUP	LOAD CP POWER PLANE	TEST POINTS AND/OR	SIGNAL DESCRIPTION	ECO NO
	PREFIX	CONNECTOR	PIN	PREFIX	CONNECTOR	PIN	SH. NO	MULTI GROUP	CODE	COLOR											
09821		XA124	68		XA124	71			16B	9		TCPDA0	06	TD004A	01	1	TQ2	E1		32A	
09822		XA124	71		XA124	74			16B	9		TCPDA0	07	TD054A	01	1	TQ2	F2		36A	
09823		XA124	74		XA124	78			16B	9		TCPDA0	08	TD064A	01	2	TQ2	F3		35B	
09824		XA124	78		XA124	79			16B	9		TCPDA0	09	TD074A	01	2	TQ2	F4		38A	
09825		XA124	79		XA225	40			16B	9		TCPDA0	10	TD044A	01	2	TQ2	F1		39B	
09826		XA225	40									TCPDA0	11	TCPCAA	01	1	TQ2	C1		19A	
09827		XA123	03		XA123	05			16B	9		TCPDB0	01	TD104A	01	1	TQ2	A3		02A	
09828		XA123	05		XA123	13			16B	9		TCPDB0	02	TD094A	01	2	TQ2	A2		03B	
09829		XA123	13		XA123	17			16B	9		TCPDB0	03	TD114A	01	2	TQ2	A4		06B	
09830		XA123	17		XA123	20			16B	9		TCPDB0	04	TD144A	01	1	TQ2	B3		08B	
09831		XA123	20		XA123	26			16B	9		TCPDB0	05	TD134A	01	2	TQ2	B2		11A	
09832		XA123	26		XA123	23			16B	9		TCPDB0	06	TD124A	01	2	TQ2	B1		14A	
09833		XA123	23		XA123	29			16B	9		TCPDB0	07	TD154A	01	1	TQ2	B4		11B	
09834		XA123	29		XA123	34			16B	9		TCPDB0	08	TD184A	01	1	TQ2	C3		14B	
09835		XA123	34		XA123	42			16B	9		TCPDB0	09	TD174A	01	1	TQ2	C2		16A	
09836		XA123	42		XA134	43			16B	9		TCPDB0	10	TD164A	01	2	TQ2	C1		20A	
09837		XA134	43									TCPDB0	11	TCPDB0	00	1	TT3	D2		23B	DATA BUSS TO TD
09838		XA134	51		XA123	37			16B	9		TCPDC0	01	TCPDC0	00	1	TT3	D3		27B	DATA BUSS TO TD
09839		XA123	37		XA123	41			16B	9		TCPDC0	02	TD194A	01	2	TQ2	C4		18B	
09840		XA123	41		XA123	47			16B	9		TCPDC0	03	TD224A	01	1	TQ2	D3		22B	
09841		XA123	47		XA123	48			16B	9		TCPDC0	04	TD234A	01	1	TQ2	D4		25B	
09842		XA123	48		XA123	54			16B	9		TCPDC0	05	TD214A	01	1	TQ2	D2		22A	
09843		XA123	54		XA123	55			16B	9		TCPDC0	06	TD204A	01	1	TQ2	D1		25A	
09844		XA123	55		XA123	61			16B	9		TCPDC0	07	TD264A	01	2	TQ2	E3		29B	
09845		XA123	61		XA123	62			16B	9		TCPDC0	08	TD274A	01	2	TQ2	E4		32B	
09846		XA123	62		XA123	68			16B	9		TCPDC0	09	TD254A	01	1	TQ2	E2		29A	
09847		XA123	68		XA123	79			16B	9		TCPDC0	10	TD244A	01	1	TQ2	E1		32A	
09848		XA123	79									TCPDC0	11	TD284A	01	2	TQ2	F1		39B	
09849		XA123	78		XA123	74			16B	9		TCPDD0	01	TD314A	01	2	TQ2	F4		38A	
09850		XA123	74		XA123	71			16B	9		TCPDD0	02	TD304A	01	2	TQ2	F3		35B	
09851		XA123	71		XA134	64			16B	9		TCPDD0	03	TD294A	01	1	TQ2	F2		36A	
09852		XA134	64									TCPDD0	04	TCPDD0	00	1	TT3	E1		30A	DATA BUSS TO TD
09854		XA136	59		XA329	73			16B	9		TCPD1A	02	TCPD1A	00	1	TD4	E1		31B	DB TO TD CONTROL
09855		XA329	73		XA342	41			16B	9		TCPD1A	03	TC118P	01	1	TD0	MP		36B	
15803		XA342	41									TCPD1A	04	TCPD10	01	1	THI	D4		23B	D05
15806		XA342	46		XA338	71			16B	9		TCPD10	01	TCPD10	00	1	THI	D4		22B	SEL S01
05767		XA338	71		XA338	68			16B	9		TCPD10	02	TCPD5A	01	1	TQ2	F2		36A	D05
05730		XA338	68									TCPD10	03	TCPD6A	01	1	TQ2	E1		32A	D05
09856		XA246	69		XA134	70			16B	9		TCPD2A	01	TCPD2A	00	1	TQ2	F3		35A	DB TO TD CONTROL
09857		XA134	70		XA134	54			16B	9		TCPD2A	02	TCPD00	01	3	TT3	E1		33A	
09858		XA134	54		XA134	48			16B	9		TCPD2A	03	TCPDA0	01	2	TT3	D1		25A	
09859		XA134	48		XA134	47			16B	9		TCPD2A	04	TCPDB0	01	3	TT3	D2		22A	
09860		XA134	47									TCPD2A	05	TCPDC0	01	2	TT3	D3		25B	
									****		SIGNAL	(TCPD3A)		IS ON THE			NEXT PAGE	****			

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	PREFIX	CONNECTOR	PIN	SHFT	PREFIX	CONNECTOR	PIN	SHFT	MULTI GROUP	CODE	COLOR	IDENT												SPACING
09861		XA134	46		XA134	49				16B	9		TCPD3A	01	TCPD80	01	2	TT3	D2		21A			
09862		XA134	49		XA134	56				16B	9		TCPD3A	02	TCPD00	01	3	TT3	D3		26B			
09863		XA134	56		XA134	68				16B	9		TCPD3A	03	TCPD00	01	3	TT3	D1		26A			
09864		XA134	68		XA246	80				16B	9		TCPD3A	04	TCPD00	01	2	TT3	E1		32A			
09865		XA246	80										TCPD3A	05	TCPD3A	00	1	TQ2	F4		39A	DB TO TD CONTROL		
09866		XA350	08		XA245	77				16B	9		TCPD4A	01	TS2200	01	1	TQ2	A1		06A			
09867		XA245	77		XA122	03				16B	9		TCPD4A	02	TCPD4A	00	1	THI	F6		38A	BTSP 12*+CPU REQ.		
09868		XA122	03		XA115	10				16B	9		TCPD4A	03	TKC030	01	2	TT3	A2		02A			
09869		XA115	10										TCPD4A	04	TKC460	01	2	TQ2	A1		07A			
09870		XA149	66		XA245	75				16B	9		TCPD40	01	TCPD40	00	1	TQ2	E1		31A	BTSP 12* +CPU.REQ		
09871		XA245	75		XA440	36				16B	9		TCPD40	02	TCPD4A	01	1	THI	F6		39A			
09872		XA440	36		XA440	49				16B	9		TCPD40	03	TA004A	01	2	TQ2	C2		17A			
09873		XA440	49		XA440	55				16B	9		TCPD40	04	TA024A	01	2	TQ2	D4		26B			
09874		XA440	55		XA440	54				16B	9		TCPD40	05	TA034A	01	2	TQ2	E3		29B			
09875		XA440	54		XA440	78				16B	9		TCPD40	06	TA014A	01	1	TQ2	D1		25A			
09876		XA440	78		XA440	71				16B	9		TCPD40	07	TA064A	01	2	TQ2	F4		38A			
09877		XA440	71		XA438	74				16B	9		TCPD40	08	TA044A	01	1	TQ2	F2		36A			
09878		XA438	74										TCPD40	09	TA054A	01	2	TQ2	F3		35B			
05736		XA335	78		XA338	72				16B	9		TCPD5A	01	TS0120	01	2	TQ2	F4		38A		005	
07919		XA338	72										TCPD5A	02	TCPD5A	00	1	TQ2	F2		34A		005	
09853		XA149	70		XA338	66				16B	9		TCPD6A	01	TCPD40	01	2	TQ2	E1		33A		005	
07917		XA338	66										TCPD6A	02	TCPD6A	00	1	TQ2	E1		31A		005	
09879		XA439	29		XA441	23				16B	9		TCSCCA	01	TCSCC0	01	1	THI	C4		15B			
09880		XA441	23										TCSCCA	02	TCSCCA	00	1	TD4	B1		11B	CH. SEL CCC		
09881		XA141	54		XA140	37				16B	9		TCSCC0	01	TSA2BA	01	1	TQ2	D1		25A			
09882		XA140	37		XA140	03				16B	9		TCSCC0	02	TSA0BA	01	2	TQ2	C4		18B			
09883		XA140	03		XA112	13				16B	9		TCSCC0	03	TSA1BA	01	1	TQ2	A3		02A			
09884		XA112	13		XA115	64				16B	9		TCSCC0	04	TSA3BA	01	2	TQ2	A4		06B			
09885		XA115	64		XA215	66				16B	9		TCSCC0	05	TRT0A	01	2	TQ2	E2		30A			
09886		XA215	66		XA407	70				16B	9		TCSCC0	06	TK150A	01	6	TS8	E1		31A			
09887		XA407	70		XA407	62				16B	9		TCSCC0	07	RENS0A	01	2	TQ2	E1		33A			
09888		XA407	62		XA439	30				16B	9		TCSCC0	08	RINS0A	01	1	TQ2	E2		29A			
09889		XA439	30										TCSCC0	09	TCSCC0	00	1	THI	C4		14B	CH SEL CCC		
20837		XA302	60		XA416	16			AB	1EB	0		TCSMADG4	01										
20840		XA416	16										TCSMADG4	02										
20838		XA302	59		XA416	14			AB	1EB	9		TCSMADX4	005										
09897		XA416	14		XA411	08				16B	9		TCSMADX4	01	TCSMADX400	1		DCF	A5		08B	EXT SLC IOM		
09896		XA411	08										TCSMADX4	02				RR4	A1					
09898		XA444	08		XA443	09				16B	9		TCSR0A	01	TCOMP0	01	6	TS8	A1		06A			
09899		XA443	09										TCSR0A	02	TCSR0A	00	1	TQ2	A3		04B	CH SEL IOM . REQ		
												****	SIGNAL (TCSR1A)		IS ON THE		NEXT PAGE		****					

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	PREFIX	CONNECTOR	PIN	DR TO	PREFIX	CONNECTOR	PIN	DR TO	MULTI GROUP	CODE	COLOR	IDENT											
09900		XA443	15		XA444	06				16B	9		TCSR1A	01	TCSR1A	00	1	TQ2	A4		07B	CH. SEL 1 AND RE	
09901		XA444	06										TCSR1A	02	TCOMPO	01	4	TS8	A1		05A		
09902		XA444	04		XA443	22				16B	9		TCSR2A	01	TCOMPO	01	2	TS8	A1		04A		
09903		XA443	22										TCSR2A	02	TCSR2A	00	1	TQ2	B1		12A	CH SEL 2 . REQ I	
09904		XA443	14		XA444	07				16B	9		TCSR3A	01	TCSR3A	00	1	TQ2	B2		09A	CH. SEL 3 . REQ	
09905		XA444	07										TCSR3A	02	TCOMPO	01	5	TS8	A1		03A		
09906		XA444	05		XA443	21				16B	9		TCSR4A	01	TCOMPO	01	3	TS8	A1		03B		
09907		XA443	21										TCSR4A	02	TCSR4A	00	1	TQ2	B3		10B	CH. SEL 4 . REQ	
09908		XA443	27		XA444	01				16B	9		TCSR5A	01	TCSR5A	00	1	TQ2	B4		13B	CH. SEL 5 . REQ	
09909		XA444	01										TCSR5A	02	TCOMPO	01	1	TS8	A1		02B		
09910		XA444	13		XA443	38				16B	9		TCSR6A	01	TCOMPO	01	8	TS8	A1		06B		
09911		XA443	38										TCSR6A	02	TCSR6A	00	1	TQ2	C1		18A	CH. SEL 6 . REQ	
09912		XA443	30		XA444	10				16B	9		TCSR7A	01	TCSR7A	00	1	TQ2	C2		15A	CH. SEL 7 . REQ	
09913		XA444	10										TCSR7A	02	TCOMPO	01	7	TS8	A1		07A		
09914		XA326	09		XA128	10				16B	9		TCST1A	01	TCST1A	00	1	TQ2	A3		04B	SET GATE TC00 (F	
09916		XA128	10										TCST1A	03	TDS000	01	7	TS8	A1		07A		
09917		XA328	14		XA326	03				16B	9		TCST40	01	TCST40	00	1	TQ2	B2		09A	SET GATE TC00 (F	
09918		XA326	03										TCST40	02	TCST1A	01	1	TQ2	A3		02A		
09919		XA326	15		XA328	20				16B	9		TCST5A	01	TCST5A	00	1	TQ2	A4		07B	SET GATE TC00 S8	
09920		XA328	20		XA351	34				16B	9		TCST5A	02	TCST40	01	2	TQ2	B2		11A		
05678		XA351	34										TCST5A	03	TC0010	01	3	TT3	C2		16A		
09921		XA319	55		XA328	18				16B	9		TCST6A	01	TCST6A	00	1	TT3	E2		29B	SET GATE TC00 S1	
09922		XA328	18		XA351	30				16B	9		TCST6A	02	TCST40	01	1	TQ2	B2		10A		
05750		XA351	30										TCST6A	03	TC0010	01	2	TT3	C2		15A		
09923		XA302	56		XA416	02				AC	1EB	0	TCSXADG4	01									
09924		XA416	02										TCSXADG4	02									
09927		XA302	55		XA416	01				AC	1EB	9	TCSXADX4	005									
09925		XA416	01		XA411	23				16B	9		TCSXADX4	01	TCSXADX400	1							
09926		XA411	23										TCSXADX4	02									
09928		XA551	61		XA544	61				16B	9		TCSXMA	01	XEICRO	01	1	THI	E2		31A		
09929		XA544	61		XA538	61				16B	9		TCSXMA	02	XDICRO	01	1	THI	E2		31A		
09930		XA538	61		XA531	61				16B	9		TCSXMA	03	XCICRO	01	1	THI	E2		31A		
09931		XA531	61		XA525	61				16B	9		TCSXMA	04	XBICRO	01	1	THI	E2		31A		
09932		XA525	61		XA518	61				16B	9		TCSXMA	05	XAICRO	01	1	THI	E2		31A		
09933		XA518	61		XA426	49				16B	9		TCSXMA	06	XIICRO	01	1	THI	E2		31A		
09934		XA426	49		XA416	08				16B	9		TCSXMA	07	TCSXMA	00	1	THI	D2		23A		
09935		XA416	08		XA438	05				16B	9		TCSXMA	08	TCSMAOX	01	1	DCF	A6		06A		
													****	SIGNAL	(TCSXMA)								

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	PREFIX	CONNECTOR	PIN	PREFIX	CONNECTOR	PIN	SH	MULTI GROUP	CODE	COLCR											
09937		XA438	05		XA443	03			16B	9		TCSXMA	10	TRBMOA	01	2	TQ2	A2	03B		
09938		XA443	03									TCSXMA	11	TCSR0A	01	1	TQ2	A3	02A		
09939		XA416	04		XA415	27			16B	9		TCSXMO	01	TCSXA0X	01	1	DCF	A8	04A		
09940		XA415	27		XA426	47			16B	9		TCSXMO	02	TCSXMO	00	1	TQ2	B4	13B		
09941		XA426	47									TCSXMO	03	TCSXMA	01	1	THI	D2	24A		
09942		XA406	51		XA414	04			16B	9		TCS0AA	01	TCS0A0	01	1	THI	D6	27B		
09943		XA414	04									TCS0AA	02	TCS0AA	00	1	TT3	A1	04A		
21114		XA410	32		XA420	77		AD	1EB	0		TCS0ADG4	01				RR4				
20841		XA420	77									TCS0ADG4	02				DCF				
09944		XA410	10		XA420	78		AD	1EB	9		TCS0ADX4	01				RR4	A2			
09945		XA420	78									TCS0ADX4	02	TCS0ADX400	1	1	DCF	D3	37B	CHANNEL SELECT #0	
09946		XA406	53		XA420	73			16B	9		TCS0A0	01	TCS0A0	00	1	THI	D6	26B		
09947		XA420	73									TCS0A0	02	TCS0A0X	01	1	DCF	D4	35B		
09948		XA441	21		XA428	39			16B	9		TCS1AA	01	TCS1AA	00	1	TD4	B2	10B	CH SEL IOX 1	
09949		XA428	39		XA525	64			16B	9		TCS1AA	02	TCS1A0	01	1	THI	C6	19B		
09950		XA525	64									TCS1AA	03	XAICSO	01	1	THI	E1	33A		
09951		XA302	38		XA417	58		AE	1EB	0		TCS1ADG4	01				EXT				
09952		XA417	58									TCS1ADG4	02				DCF				
09955		XA302	37		XA417	60		AE	1EB	9		TCS1ADX4	005				EXT				
09953		XA417	60		XA410	05			16B	9		TCS1ADX4	01	TCS1ADX400	1	1	DCF	C5	31B	EXT CHANNEL SELEC	
09954		XA410	05									TCS1ADX4	02				RR4	A3			
09956		XA443	11		XA438	03			16B	9		TCS1A0	01	TCSR1A	01	1	TQ2	A4	05B		
09957		XA438	03		XA428	42			16B	9		TCS1A0	02	TRBM1A	01	1	TQ2	A3	02A		
09958		XA428	42		XA417	54			16B	9		TCS1A0	03	TCS1A0	00	1	THI	C6	18B	CH SEL IOX 1	
09959		XA417	54									TCS1A0	04	TCS1A0X	01	1	DCF	C6	30A		
09960		XA441	35		XA428	52			16B	9		TCS2AA	01	TCS2AA	00	1	TD4	C1	17B	CHANNEL SELECT I	
09961		XA428	52		XA531	64			16B	9		TCS2AA	02	TCS2A0	01	1	THI	D1	26A		
09962		XA531	64									TCS2AA	03	XBICSO	01	1	THI	E1	33A		
09963		XA302	40		XA417	44		AF	1EB	0		TCS2ADG4	005				EXT				
09964		XA417	44									TCS2ADG4	02				DCF				
09967		XA302	39		XA417	43		AF	1EB	9		TCS2ADX4	005				EXT				
09965		XA417	43		XA410	07			16B	9		TCS2ADX4	01	TCS2ADX400	1	1	DCF	C7	25A	EXT CHANNEL SELEC	
09966		XA410	07									TCS2ADX4	02				RR4	A4			
09968		XA443	26		XA438	11			16B	9		TCS2A0	01	TCSR2A	01	2	TQ2	B1	14A		
09969		XA438	11		XA428	54			16B	9		TCS2A0	02	TRBM2A	01	1	TQ2	A4	05B		
09970		XA428	54		XA417	50			16B	9		TCS2A0	03	TCS2A0	00	1	THI	D1	25A	CH SEL IOX 2	
09971		XA417	50									TCS2A0	04	TCS2A0X	01	1	DCF	C8	28A		

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	PREFIX	CONNECTOR	PIN	SHL	PREFIX	CONNECTOR	PIN	SHL	MULTI GROUP	CODE	COLOR	IDENT												SFC INST MISC
09972		XA441	33		XA428	50				16B	9		TCS3AA	01	TCS3AA	00	1	TD4	C2		16B	CH. SEL IOX 3		
09973		XA428	50		XA518	64				16B	9		TCS3AA	02	TCS3A0	01	1	THI	D3		22A			
09974		XA518	64										TCS3AA	03	XIICS0	01	1	THI	E1		33A			
09975		XA302	42		XA417	67			AG	1EB	0		TCS3ADG4	01				EXT						
09976		XA417	67										TCS3ADG4	02				DCF						
09979		XA302	41		XA417	65			AG	1EB	9		TCS3ADX4	005				EXT						
09977		XA417	65		XA410	09				16B	9		TCS3ADX4	01	TCS3ADX4	00	1	DCF	D1		32B	EXT CHANNEL SELEC		
09978		XA410	09										TCS3ADX4	02				RR4	A5					
09980		XA443	18		XA438	26				16B	9		TCS3A0	01	TCSR3A	01	1	TQ2	B2		10A			
09981		XA438	26		XA428	48				16B	9		TCS3A0	02	TRBM3A	01	2	TQ2	B1		14A			
09982		XA428	48		XA417	71				16B	9		TCS3A0	03	TCS3A0	00	1	THI	D3		21A	CH SEL IOX 3		
09983		XA417	71										TCS3A0	04	TCS3A0X	01	1	DCF	D2		34B			
09984		XA538	64		XA441	47				16B	9		TCS4AA	01	XCICS0	01	1	THI	E1		33A			
09985		XA441	47		XA428	41				16B	9		TCS4AA	02	TCS4AA	00	1	TD4	D1		25B	CH SEL IOX 4		
09986		XA428	41										TCS4AA	03	TCS4A0	01	1	THI	D4		23B			
09987		XA417	77		XA302	46			AH	1EB	0		TCS4ADG4	01				DCF						
09988		XA302	46										TCS4ADG4	02				EXT						
09990		XA410	20		XA417	78				16B	9		TCS4ADX4	01				RR4	B1					
09989		XA417	78		XA302	45			AH	1EB	9		TCS4ADX4	02	TCS4ADX4	00	1	DCF	D3		37B	EXT CHANNEL SELEC		
09991		XA302	45										TCS4ADX4	03				EXT						
09992		XA443	19		XA438	20				16B	9		TCS4A0	01	TCSR4A	01	2	TQ2	B3		09B			
09993		XA438	20		XA428	46				16B	9		TCS4A0	02	TRBM4A	01	2	TQ2	B2		11A			
09994		XA428	46		XA417	73				16B	9		TCS4A0	03	TCS4A0	00	1	THI	D4		22B	CH SEL IOX 4		
09995		XA417	73										TCS4A0	04	TCS4A0X	01	1	DCF	D4		35B			
09996		XA544	64		XA441	45				16B	9		TCS5AA	01	XDICS0	01	1	THI	E1		33A			
09997		XA441	45		XA428	45				16B	9		TCS5AA	02	TCS5AA	00	1	TD4	D2		24B	CH SEL IOX 5		
09998		XA428	45										TCS5AA	03	TCS5A0	01	1	THI	D5		25B			
09999		XA302	48		XA417	79			AI	1EB	0		TCS5ADG4	01				EXT						
10000		XA417	79										TCS5ADG4	02				DCF			40B			
10003		XA302	47		XA417	80			AI	1EB	9		TCS5ADX4	005				EXT						
10001		XA417	80		XA410	26				16B	9		TCS5ADX4	01	TCS5ADX4	00	1	DCF	D5		38B	EXT CHANNEL SELEC		
10002		XA410	26										TCS5ADX4	02				RR4	B2					
10004		XA443	23		XA438	19				16B	9		TCS5A0	01	TCSR5A	01	1	TQ2	B4		11B			
10005		XA438	19		XA428	43				16B	9		TCS5A0	02	TRBM5A	01	2	TQ2	B3		09B			
10006		XA428	43		XA417	74				16B	9		TCS5A0	03	TCS5A0	00	1	THI	D5		24B	CH SEL IOX 5		
10007		XA417	74										TCS5A0	04	TCS5A0X	01	1	DCF	D6		37A			
												****	SIGNAL	(TCS6AA)	IS ON THE NEXT PAGE				****					

DRAWING NUMBER 149019-800
UNIT ASSEMBLY NAME CARD CAGE ASSY, I/O UNIT

STRING

UNIT ASSEMBLY NO. 149019
FILE IDENT T398IUX2
REV G
DATE 09-03-82
INDEX TCS6AA
PAGE 135

RECORD NUMBER	FROM			TO			WIRE				SIGNAL	SFQ NO	EQUATION	TERM	FACTOR	CXT OR CHIP TYPE	GROUP	LOAD OR POWER PLANE	TEST POINTS AND/OR	SIGNAL DESCRIPTION	ECO NO	
	PREFIX	CONNECTOR	PIN	PREFIX	CONNECTOR	PIN	TH TC	MULTI GROUP	CODE	COLOR												IDENT
10008		XA551	64		XA441	59			16B	9		TCS6AA	01	XEIC50	01	1	THI	E1	33A	CH SEL IOX 6		
10009		XA441	59		XA428	47			16B	9		TCS6AA	02	TCS6AA	00	1	TD4	E1	31B			
10010		XA428	47									TCS6AA	03	TCS6A0	01	1	THI	O2	24A			
10011		XA302	50		XA417	59		AJ	IEB	0		TCS6ADG4	01				EXT					
10012		XA417	59									TCS6ADG4	02				DCF					
10015		XA302	49		XA417	61		AJ	IEB	9		TCS6ADX4	005				EXT					
10013		XA417	61		XA410	24			16B	9		TCS6ADX4	01	TCS6ADX4	00	1	DCF	D7	33A	EXT CHANNEL SELEC		
10014		XA410	24									TCS6ADX4	02				RR4	B3				
10016		XA443	42		XA438	23			16B	9		TCS6A0	01	TCSR6A	01	2	TQ2	C1	20A			
10017		XA438	23		XA428	49			16B	9		TCS6A0	02	TRBM6A	01	1	TQ2	B4	11B			
10018		XA428	49		XA417	70			16B	9		TCS6A0	03	TCS6A0	00	1	THI	D2	23A	CH SEL IOX 6		
10019		XA417	70									TCS6A0	04	TCS6A0X	01	1	DCF	D8	35A			
10020		XA441	57		XA428	51			16B	9		TCS7AA	01	TCS7AA	00	1	TD4	E2	30B	CH SEL IOX 7		
10021		XA428	51									TCS7AA	02	TCS7A0	01	1	THI	D6	27B			
10022		XA416	05		XA302	52		AK	IEB	0		TCS7ADG4	01				DCF					
10023		XA302	52									TCS7ADG4	02				EXT					
10026		XA416	07		XA302	51		AK	IEB	9		TCS7ADX4	005	TCS7ADX4	00	1	DCF	A1	02B	EXT CHANNEL SELEC		
10024		XA302	51		XA410	17			16B	9		TCS7ADX4	01				EXT					
10025		XA410	17									TCS7ADX4	02				RR4	B4				
10027		XA416	11		XA428	53			16B	9		TCS7A0	01	TCS7A0X	01	1	DCF	A2	04B	CH SEL IOX 7		
10028		XA428	53		XA431	68			16B	9		TCS7A0	02	TCS7A0	00	1	THI	D6	26B			
10029		XA431	68		XA443	34			16B	9		TCS7A0	03	TRBM7A	01	1	TQ2	E1	32A			
10030		XA443	34									TCS7A0	04	TCSR7A	01	1	TQ2	C2	16A			
10031		XA305	30		XA443	33			16B	9		TCOMP	01	TSTB1A	01	1	TD4	C2	15A			
10032		XA443	33		XA142	61			16B	9		TCOMP	02	TCOMP	00	1	TQ2	C3	16B	CHAN SEL + REG C		
10033		XA142	61									TCOMP	03	TBRCA	01	2	TQ2	E4	32B			
10034		XA108	03		XA444	11			16B	9		TCOMP	01	TER1A	01	2	TT3	A2	02A			
10035		XA444	11		XA443	29			16B	9		TCOMP	02	TCOMP	00	1	TS8	A1	05B	CH. SEL AND REQ		
10036		XA443	29									TCOMP	03	TCOMP	01	1	TQ2	C3	14B			
10037		XA143	01		XA143	10			16B	9		TCOSAA	01	TXC2BN	01	1	TDD	BN	02B			
10038		XA143	10		XA143	14			16B	9		TCOSAA	02	TXC1BN	01	1	TDD	AN	07A			
10039		XA143	14		XA143	42			16B	9		TCOSAA	03	TMC1BN	01	1	TDD	DN	09A			
10040		XA143	42		XA142	75			16B	9		TCOSAA	04	TMC2BN	01	1	TDD	EN	20A	REAL TIME CLOCK		
10041		XA142	75		XA113	70			16B	9		TCOSAA	05	TCOSAA	00	1	TQ2	F1	37B			
10042		XA113	70									TCOSAA	06	TSN1BN	01	1	TDD	JN	33A			
10043		XA137	08		XA147	22			16B	9		TCOSAB	01	TTESPA	01	2	TT3	A1	06A			
10044		XA147	22		XA145	78			16B	9		TCOSAB	02	TBD14A	01	5	TS8	B1	12A			
10045		XA145	78		XA142	50			16B	9		TCOSAB	03	TMC3AA	01	3	TT3	F3	38A			
10046		XA142	50		XA136	46			16B	9		TCOSAB	04	TXK30A	01	2	TQ2	D2	23A			
									****	SIGNAL		TCOSAB		IS ON THE			NEXT PAGE	****				

DRAWING NUMBER		149019-800		STRING		UNIT ASSEMBLY NO.		149019		REV		G		INDEX		TCOSAB								
UNIT ASSEMBLY NAME		CARD CAGE ASSY, I/O UNIT		FILE IDENT		T39B IUX2		DATE		09-03-82		PAGE		136										
RECORD NUMBER	FROM				TO				WIRE				SIGNAL	SEQ NO	EQUATION	R TERM	F FACTOR	CNT ORS CHIP TYPE	LOAD OR POWER PLANE	TEST POINTS (LAND OR)	SIGNAL DESCRIPTION	ECO NO		
	PREFIX	CONNECTOR	PIN	SH TO	PREFIX	CONNECTOR	PIN	SH TO	MULTI GROUP	CODE	COLOR	IDENT											SPACING	MISC
10047		XA136	46		XA116	66			16B	9				TCOSAB	05	TENB2A	01	2	TD4	D2	21A	C08		
10049		XA116	66		XA116	60			16B	9		P	TCOSA0	07	TCOSAB	02	1	TQ2	E1	31A				
10050		XA116	60		XA115	73			16B	9		P	TCOSB0	08	TCOSAB	01	1	TQ2	E2	28A				
10051		XA115	73		XA114	06			16B	9			TCOSAB	09	TSTR2A	01	2	TQ2	F2	36B				
10052		XA114	06		XA305	42			16B	9			TCOSAB	10	TI23XA	01	4	TS8	A1	05A				
10053		XA305	42										TCOSAB	11	TI232A	01	4	TD4	C1	20A				
10054		XA116	66									J	TCOSA0	01	TCOSA0	00	1	TQ2	E1	31A	TCOSAB BUSS			
10055		XA116	60									J	TCOSB0	01	TCOSB0	00	1	TQ2	E2	28A	TCOSAB BUSS			
10056		XA329	11		XA328	11			16B	9			TC00BP	01	TC00BP	00	1	TDD	AP	05B	CONTROL REG BIT			
10057		XA328	11		XA328	05			16B	9			TC00BP	02	TBLZ1A	01	1	TQ2	A4	05B				
10058		XA328	05		XA227	72			16B	9			TC00BP	03	TU004A	01	2	TQ2	A2	03B				
10059		XA227	72										TC00BP	04	TCM12A	01	2	TS8	F1	34A				
10060		XA329	13		XA328	10			16B	9			TC00BQ	01	TC00BQ	00	1	TDD	AQ	06B	CONTROL REG BIT			
10061		XA328	10		XA326	05			16B	9			TC00BQ	02	TU003A	01	2	TQ2	A1	07A				
10062		XA326	05		XA322	10			16B	9			TC00BQ	03	TD001A	01	2	TQ2	A2	03B				
10063		XA322	10										TC00BQ	04	TCM14A	01	7	TS8	A1	07A				
11298		XA329	08		XA351	31			16B	9			TC0010	01	TC00BI	01	1	TDD	A1	06A				
07927		XA351	31										TC0010	02	TC0010	00	1	TT3	C2	15B				
10064		XA227	73		XA328	04			16B	9			TC01BP	01	TCM12A	01	3	TS8	F1	36B				
10065		XA328	04		XA329	09			16B	9			TC01BP	02	TU004A	01	1	TQ2	A2	04A				
10066		XA329	09		XA328	13			16B	9			TC01BP	03	TC01BP	00	1	TDD	BP	04B	CONTROL REG BIT			
10067		XA328	13		XA326	19			16B	9			TC01BP	04	TBLZ1A	01	2	TQ2	A4	06B				
10068		XA326	19										TC01BP	05	TD012A	01	2	TQ2	B3	09B				
10069		XA329	07		XA328	08			16B	9			TC01BQ	01	TC01BQ	00	1	TDD	BQ	03A	CONTROL REG BIT			
10070		XA328	08		XA326	18			16B	9			TC01BQ	02	TU003A	01	1	TQ2	A1	06A				
10071		XA326	18		XA322	13			16B	9			TC01BQ	03	TD011A	01	1	TQ2	B2	10A				
10072		XA322	13										TC01BQ	04	TCM14A	01	8	TS8	A1	06B				
10073		XA329	23		XA328	17			16B	9			TC02BP	01	TC02BP	00	1	TDD	CP	11B	CONTROL REG BIT			
10074		XA328	17		XA327	03			16B	9			TC02BP	02	TU0220	01	1	TQ2	B3	08B				
10075		XA327	03		XA322	07			16B	9			TC02BP	03	TBLZ2A	01	2	TT3	A2	02A				
10076		XA322	07										TC02BP	04	TCM14A	01	5	TS8	A1	03A				
10077		XA325	46		XA332	26			16B	9			TC02BQ	01	TDPO2A	01	2	TD4	D2	21A				
10078		XA332	26		XA329	25			16B	9			TC02BQ	02	TQNS0A	01	2	TQ2	B1	14A				
10079		XA329	25		XA328	23			16B	9			TC02BQ	03	TC02BQ	00	1	TDD	CQ	12B	CONTROL REG BIT			
10080		XA328	23		XA327	06			16B	9			TC02BQ	04	TD021A	01	1	TQ2	B4	11B				
10081		XA327	06		XA227	79			16B	9			TC02BQ	05	TU021A	01	1	TT3	A1	05A				
10082		XA227	79										TC02BQ	06	TCM12A	01	8	TS8	F1	39B				
10083		XA332	25		XA329	21			16B	9			TC03BP	01	TU034A	01	2	TQ2	B4	12B				
10084		XA329	21		XA327	10			16B	9			TC03BP	02	TC03BP	00	1	TDD	DP	10B	CONTROL REG BIT			
10085		XA327	10		XA327	05			16B	9			TC03BP	03	TU021A	01	3	TT3	A1	07A				
													****	SIGNAL	(TC03BP)	IS ON THE		NEXT PAGE		****				

DRAWING NUMBER		149019-800		STRING		UNIT ASSEMBLY NO.		149019		REV		G		INDEX		TC03BP			
UNIT ASSEMBLY NAME		CARD CAGE ASSY, I/O UNIT				FILE IDENT		T39BIUX2		DATE		09-03-82		PAGE		137			
RECORD NUMBER	PREFIX	CONNECTOR	PIN	PREFIX	CONNECTOR	PIN	WIRE	CODE	COLOR	IDENT	SIGNAL	SIG NO	EQUATION	WIRE	WIRE	WIRE	WIRE	SIGNAL DESCRIPTION	ECO NO
10086		XA327	05		XA227	75		168	9		TC03BP	04	TBLZ2A	01	3	TT3	A2	03B	
10087		XA227	75								TC03BP	05	TCM12A	01	5	TS8	F1	37B	
10088		XA322	01		XA332	20		168	9		TC03BQ	01	TCM14A	01	1	TS8	A1	02B	
10089		XA332	20		XA332	17		168	9		TC03BQ	02	TQNS1A	01	2	TQ2	B2	11A	
10090		XA332	17		XA329	19		168	9		TC03BQ	03	TD033A	01	1	TQ2	B3	08B	
10091		XA329	19		XA326	25		168	9		TC03BQ	04	TC03BQ	00	1	TDD	DQ	09B	CONTROL REG BIT
10092		XA326	25		XA325	66		168	9		TC03BQ	05	TD031A	01	2	TQ2	B4	12B	
10093		XA325	66								TC03BQ	06	TDPO3A	01	2	TD4	E1	31A	
10094		XA134	25		XA134	40		168	9		TC04BP	01	TPN10A	01	3	TT3	B3	12B	
10095		XA134	40		XA332	23		168	9		TC04BP	02	TPN20A	01	2	TT3	C1	19A	
10096		XA332	23		XA329	35		168	9		TC04BP	03	TU034A	01	1	TQ2	B4	11B	
10097		XA329	35		XA326	36		168	9		TC04BP	04	TC04BP	00	1	TDD	EP	17B	CONTROL REG BIT
10098		XA326	36		XA327	08		168	9		TC04BP	05	TD042A	01	2	TQ2	C2	17A	
10099		XA327	08		XA327	01		168	9		TC04BP	06	TU021A	01	2	TT3	A1	06A	
10100		XA327	01		XA322	06		168	9		TC04BP	07	TBLZ2A	01	1	TT3	A2	02B	
10101		XA322	06								TC04BP	08	TCM14A	01	4	TS8	A1	05A	
10102		XA134	34		XA134	37		168	9		TC04BQ	01	TPN30A	01	3	TT3	C2	16A	
10103		XA134	37		XA224	41		168	9		TC04BQ	02	TPN40A	01	3	TT3	C3	18B	
10104		XA224	41		XA227	77		168	9		TC04BQ	03	TD041A	01	1	TQ2	D3	22B	
10105		XA227	77		XA329	37		168	9		TC04BQ	04	TCM12A	01	6	TS8	F1	38B	
10106		XA329	37		XA332	40		168	9		TC04BQ	05	TC048Q	00	1	TDD	EQ	18B	CONTROL REG BIT
10107		XA332	40		XA332	19		168	9		TC04BQ	06	TQNS2A	01	1	TQ2	C1	19A	
10108		XA332	19								TC04BQ	07	TU033A	01	2	TQ2	B3	09B	
10109		XA134	21		XA134	30		168	9		TC05BP	01	TPN10A	01	1	TT3	B3	10B	
10110		XA134	30		XA332	29		168	9		TC05BP	02	TPN30A	01	2	TT3	C2	15A	
10111		XA332	29		XA329	33		168	9		TC05BP	03	TU0520	01	1	TQ2	C3	14B	
10112		XA329	33		XA327	33		168	9		TC05BP	04	TC05BP	00	1	TDD	FP	16B	CONTROL REG BIT
10113		XA327	33		XA322	08		168	9		TC05BP	05	TBLZ3A	01	1	TT3	C3	16B	
10114		XA322	08								TC05BP	06	TCM14A	01	6	TS8	A1	06A	
10115		XA134	38		XA134	35		168	9		TC05BQ	01	TPN20A	01	1	TT3	C1	18A	
10116		XA134	35		XA227	71		168	9		TC05BQ	02	TPN40A	01	2	TT3	C3	17B	
10117		XA227	71		XA332	36		168	9		TC05BQ	03	TCM12A	01	1	TS8	F1	36A	
10118		XA332	36		XA329	31		168	9		TC05BQ	04	TQNS3A	01	2	TQ2	C2	17A	
10119		XA329	31		XA328	35		168	9		TC05BQ	05	TC058Q	00	1	TDD	FP	15B	CONTROL REG BIT
10120		XA328	35		XA319	66		168	9		TC05BQ	06	TD051A	01	1	TQ2	C4	17B	
10121		XA319	66								TC05BQ	07	TU051A	01	1	TT3	E1	31A	
10122		XA319	70		XA322	04		168	9		TC06BP	01	TU051A	01	3	TT3	E1	33A	
10123		XA322	04		XA327	37		168	9		TC06BP	02	TCM14A	01	2	TS8	A1	04A	
10124		XA327	37		XA326	50		168	9		TC06BP	03	TBLZ3A	01	3	TT3	C3	18B	
10125		XA326	50		XA329	47		168	9		TC06BP	04	TU064A	01	2	TQ2	D2	23A	
10126		XA329	47		XA332	56		168	9		TC06BP	05	TC06BP	00	1	TDD	GP	25B	CONTROL REG BIT
10127		XA332	56		XA332	35		168	9		TC06BP	06	TPN02A	01	2	TQ2	D1	26A	
10128		XA332	35								TC06BP	07	TPN01A	01	1	TQ2	C4	17B	
							****	SIGNAL	(TC06BQ)	IS ON THE	NEXT PAGE	****							

DRAWING NUMBER 149019-800
 UNIT ASSEMBLY NAME CARD CAGE ASSY, I/O UNIT

STRING

UNIT ASSEMBLY NO. 149019
 FILE IDENT T39BIUX2
 DATE 09-03-82
 INDEX TC068Q
 PAGE 138

RECORD NUMBER	FROM				TO				WIRE				SIGNAL	SEC NO	EQUATION	TERMINAL	CCT OF CHIP TYPE	GROUP	LOAD UP POWER PLANE	TEST POINTS AND/OR	SIGNAL DESCRIPTION	ECO NO		
	PREFIX	CONNECTOR	PIN	TO	PREFIX	CONNECTOR	PIN	TO	MULTI GROUP	CODE	COLOR	IDENT											STC INST MISC	
10129		XA227	74		XA332	41				168	9			TC068Q	01	TCM12A	01	4	TS8	F1	35B			
10130		XA332	41		XA332	50				168	9			TC068Q	02	TPN04A	01	1	TQ2	D3		22B		
10131		XA332	50		XA329	49				168	9			TC068Q	03	TPN03A	01	2	TQ2	D2		23A		
10132		XA329	49		XA328	48				168	9			TC068Q	04	TC068Q	00	1	TDD	GQ		26B	CONTROL REG BIT	
10133		XA328	48		XA326	43				168	9			TC068Q	05	TD061A	01	1	TQ2	D2		22A		
10134		XA326	43		XA323	54				168	9			TC068Q	06	TU063A	01	2	TQ2	D3		23B		
10135		XA323	54											TC068Q	07	TDQ06A	01	3	T04	D1		25A		
10136		XA332	37		XA332	48				168	9			TC078P	01	TPN01A	01	2	TQ2	C4		18B		
10137		XA332	48		XA329	45				168	9			TC078P	02	TPN03A	01	1	TQ2	D2		22A		
10138		XA329	45		XA328	49				168	9			TC078P	03	TC078P	00	1	TDD	HP		24B	CONTROL REG BIT	
10139		XA328	49		XA326	48				168	9			TC078P	04	TD072A	01	2	TQ2	D4		26B		
10140		XA326	48		XA327	35				168	9			TC078P	05	TU064A	01	1	TQ2	D2		22A		
10141		XA327	35		XA322	05				168	9			TC078P	06	TBLZ3A	01	2	TT3	C3		17B		
10142		XA322	05		XA319	68				168	9			TC078P	07	TCM14A	01	3	TS8	A1		03B		
10143		XA319	68											TC078P	08	TU051A	01	2	TT3	E1		32A		
10144		XA332	54		XA332	43				168	9			TC078Q	01	TPN02A	01	1	TQ2	D1		25A		
10145		XA332	43		XA329	43				168	9			TC078Q	02	TPN04A	01	2	TQ2	D3		23B		
10146		XA329	43		XA328	43				168	9			TC078Q	03	TC078Q	00	1	TDD	HQ		23B	CONTROL REG BIT	
10147		XA328	43		XA326	41				168	9			TC078Q	04	TD071A	01	2	TQ2	D3		23B		
10148		XA326	41		XA323	48				168	9			TC078Q	05	TU063A	01	1	TQ2	D3		22B		
10149		XA323	48		XA227	78				168	9			TC078Q	06	TDQ07A	01	3	T04	D2		22A		
10150		XA227	78											TC078Q	07	TCM12A	01	7	TS8	F1		38A		
10151		XA325	68		XA324	55				168	9			TC088P	01	TD03A	01	3	T04	E1		32A		
10152		XA324	55		XA323	52				168	9			TC088P	02	TC08C0	01	1	THI	E4		29B		
10153		XA323	52		XA323	50				168	9			TC088P	03	TDQ06A	01	2	T04	D1		24A		
10154		XA323	50		XA325	50				168	9			TC088P	04	TDQ07A	01	4	T04	D2		23A		
10155		XA325	50		XA327	53				168	9			TC088P	05	TD02A	01	4	T04	D2		23A		
10156		XA327	53		XA327	66				168	9			TC088P	06	TBLZ5A	01	1	TT3	E2		28B		
10157		XA327	66		XA329	59				168	9			TC088P	07	TBLZ4A	01	1	TT3	E1		31A		
10158		XA329	59		XA136	08				168	9			TC088P	08	TC088P	00	1	TDD	JP		31B	CONTROL REG BIT	
10159		XA136	08											TC088P	09	TPNC1A	01	2	T04	A1		06A		
10160		XA324	45		XA323	60				168	9			TC088Q	01	TC08CA	01	1	THI	D5		25B		
10161		XA323	60		XA323	68				168	9			TC088Q	02	TDQ15A	01	2	T04	E2		28A		
10162		XA323	68		XA323	77				168	9			TC088Q	03	TDQ14A	01	3	T04	E1		32A		
10163		XA323	77		XA325	79				168	9			TC088Q	04	TPEC1A	01	2	T04	F1		38B		
10164		XA325	79		XA325	64				168	9			TC088Q	05	TDPI1A	01	4	T04	F1		39B		
10165		XA325	64		XA329	61				168	9			TC088Q	06	TDPI0A	01	4	T04	E2		30A		
10166		XA329	61		XA328	70				168	9			TC088Q	07	TC088Q	00	1	TDD	JQ		32B	CONTROL REG BIT	
10167		XA328	70											TC088Q	08	TD081A	01	2	TQ2	E1		33A		
10168		XA322	19		XA324	43				168	9			TC08CA	01	TCM22A	01	3	TS8	B1		09B		
10169		XA324	43		XA326	47				168	9			TC08CA	02	TC08CA	00	1	THI	D5		24B	TC REG BIT 8- A	
10170		XA326	47		XA332	42				168	9			TC08CA	03	TU0820	01	1	TQ2	D4		25B		
10171		XA332	42		XA332	34				168	9			TC08CA	04	TQNS2A	01	2	TQ2	C1		20A		
10172		XA332	34		XA332	24				168	9			TC08CA	05	TQNS3A	01	1	TQ2	C2		16A		
10173		XA332	24		XA332	18				168	9			TC08CA	06	TQNS0A	01	1	TQ2	B1		13A		
										****	SIGNAL	(TC08CA)				S ON THE						NEXT PAGE	****	

DRAWING NUMBER 149019-800
 UNIT ASSEMBLY NAME CARD CAGE ASSY, I/O UNIT

STRING

UNIT ASSEMBLY NO. 149019
 FILE IDENT T39BIUX2

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RECORD NUMBER	FROM			TO			WIRE				SIGNAL	SFC NO	EQUATION	TERM	FACTOR	CKT OR CHIP TYPE	SPOOF	LOAD OR POWER PLANE	TEST POINTS AND/OR	SIGNAL DESCRIPTION	ECO NO	
	PREFIX	CONNECTOR	PIN	PREFIX	CONNECTOR	PIN	MULTI GROUP	CODE	COLOR	IDENT												
10174		XA332	18								TC08CA	07	TQNS1A	01	1	TQ2	B2		10A			
10175		XA328	71	XA328	74		16B	9			TC08C0	01	TQES2A	01	1	TQ2	F2		36A			
10176		XA328	74	XA328	64		16B	9			TC08C0	02	TQES3A	01	2	TQ2	F3		35B			
10177		XA328	64	XA328	55		16B	9			TC08C0	03	TQES0A	01	2	TQ2	E2		30A			
10178		XA328	55	XA327	59		16B	9			TC08C0	04	TQES1A	01	2	TQ2	E3		29B			
10179		XA327	59	XA324	56		16B	9			TC08C0	05	TU081A	01	2	TT3	E3		31B			
10180		XA324	56	XA322	34		16B	9			TC08C0	06	TC08C0	00	1	THI	E4		28B		TC REG BIT 8 -0	
10181		XA322	34								TC08C0	07	TCM24A	01	3	TS8	C1		16A			
07901		XA332	69	XA329	68		16B	9			TC0810	01	TC0810	00	1	TQ2	F3		35A			
11602		XA329	68								TC0810	02	TC08B1	01	1	TDD	J1		32A			
10182		XA322	22	XA326	59		16B	9			TC09BP	01	TCM22A	01	5	TS8	B1		12A			
10183		XA326	59	XA327	57		16B	9			TC09BP	02	TU094A	01	1	TQ2	E4		31B			
10184		XA327	57	XA327	60		16B	9			TC09BP	03	TU081A	01	1	TT3	E3		30B			
10185		XA327	60	XA327	68		16B	9			TC09BP	04	TBLZ5A	01	2	TT3	E2		28A			
10186		XA327	68	XA329	57		16B	9			TC09BP	05	TBLZ4A	01	2	TT3	E1		32A			
10187		XA329	57								TC09BP	06	TC09BP	00	1	TDD	KP		30B		CONTROL REG BIT	
10188		XA328	61	XA329	55		16B	9			TC09BQ	01	TD091A	01	2	TQ2	E4		32B			
10189		XA329	55	XA326	53		16B	9			TC09BQ	02	TC09BQ	00	1	TDD	KQ		29B		CONTROL REG BIT	
10190		XA326	53	XA322	30		16B	9			TC09BQ	03	TU093A	01	1	TQ2	E3		28B			
10191		XA322	30								TC09BQ	04	TCM24A	01	1	TS8	C1		15A			
10192		XA326	77	XA329	76		16B	9			TC10BP	01	TD102A	01	1	TQ2	F1		38B			
10193		XA329	76	XA327	70		16B	9			TC10BP	02	TC10BP	00	1	TDD	LP		37A		CONTROL REG BIT	
10194		XA327	70	XA327	61		16B	9			TC10BP	03	TBLZ4A	01	3	TT3	E1		33A			
10195		XA327	61	XA326	61		16B	9			TC10BP	04	TU081A	01	3	TT3	E3		32B			
10196		XA326	61	XA322	31		16B	9			TC10BP	05	TU094A	01	2	TQ2	E4		32B			
10197		XA322	31								TC10BP	06	TCM24A	01	2	TS8	C1		15B			
10198		XA329	78	XA328	77		16B	9			TC10BQ	01	TC10BQ	00	1	TDD	LQ		38A		CONTROL REG BIT	
10199		XA328	77	XA328	62		16B	9			TC10BQ	02	TD101A	01	1	TQ2	F1		38B			
10200		XA328	62	XA327	62		16B	9			TC10BQ	03	TQES0A	01	1	TQ2	E2		29A			
10201		XA327	62	XA325	62		16B	9			TC10BQ	04	TBLZ5A	01	3	TT3	E2		29A			
10202		XA325	62	XA326	55		16B	9			TC10BQ	05	TDPI0A	01	3	TD4	E2		29A			
10203		XA326	55	XA322	20		16B	9			TC10BQ	06	TU093A	01	2	TQ2	E3		29B			
10204		XA322	20								TC10BQ	07	TCM22A	01	4	TS8	B1		11A			
10205		XA324	69	XA323	72		16B	9			TC11BP	01	TC11C0	01	1	THI	F3		35B			
10206		XA323	72	XA326	76		16B	9			TC11BP	02	TWD1AA	01	2	TD4	F2		34A			
10207		XA326	76	XA326	74		16B	9			TC11BP	03	TWTMOA	01	1	TQ2	F4		37A			
10208		XA326	74	XA327	65		16B	9			TC11BP	04	TU301A	01	2	TQ2	F3		35B			
10209		XA327	65	XA329	69		16B	9			TC11BP	05	TPS21A	01	1	TT3	F2		34B			
10210		XA329	69	XA327	54		16B	9			TC11BP	06	TC11BP	00	1	TDD	MP		35A		RESET FOR CPU COM	
10211		XA327	54	XA327	47		16B	9			TC11BP	07	TD131A	01	2	TT3	D1		25A			
10212		XA327	47								TC11BP	08	TCAC8A	01	2	TT3	D3		25B			
10213		XA236	75	XA322	36		16B	9			TC11BQ	01	TI120A	01	1	TD4	F1		37B			
							****	SIGNAL			TC11BQ											IS ON THE NEXT PAGE ****

DRAWING NUMBER UNIT ASSEMBLY NAME		149019-800 CARD CAGE ASSY, I/O UNIT										STRING		UNIT ASSEMBLY NO. FILE IDENT		REV DATE		INDEX PAGE		TC118Q 140	
RECORD NUMBER	PREFIX	CONNECTOR	PIN	TO PREFIX	CONNECTOR	PIN	MULTI GROUP	WIRE CODE	WIRE COI 33	IDENT	SIGNAL	SEQ NO	EQUATION	TEST POINT	TEST POINTS	LOAD POWER PLANE	TEST POINTS	SIGNAL DESCRIPTION	SEQ NO		
10214		XA322	36		XA323	40		168	9		TC118Q	02	TCM24A	01 4	TS8	C1	17A				
10215		XA323	40		XA327	41		168	9		TC118Q	03	TCAC7A	01 3	T04	C1	19A				
10216		XA327	41		XA328	53		168	9		TC118Q	04	TD132A	01 1	TT3	O2	22B				
10217		XA328	53		XA329	74		168	9		TC119Q	05	TQES1A	01 1	TQ2	E3	28B				
10218		XA329	74		XA327	77		168	9		TC118Q	06	TC118Q	00 1	T0D	W0	35B	CONTROL REG BIT			
10219		XA327	77		XA324	73		168	9		TC118Q	07	TS14MA	01 2	TT3	F1	36B				
10220		XA324	73		XA319	61		168	9		TC118Q	08	TC11CA	01 1	THI	F2	37B				
10221		XA319	61								TC118Q	09	TD312A	01 3	TT3	E3	32B				
10222		XA137	72		XA137	76		168	9		TC11CA	01	TMDZAA	01 3	TT3	F2	34A				
10223		XA137	76		XA332	49		168	9		TC11CA	02	TMDAAA	01 2	TT3	F3	37A				
10224		XA332	49		XA333	55		168	9		TC11CA	03	TS13WA	01 2	TQ2	D4	26B				
10225		XA333	55		XA333	56		168	9		TC11CA	04	TS074A	01 1	TS8	E1	29B				
10226		XA333	56		XA333	78		168	9		TC11CA	05	TS15EA	01 8	TS8	D1	26A				
10227		XA333	78		XA332	76		168	9		TC11CA	06	TS004A	01 7	TS8	F1	38A				
10228		XA332	76		XA324	71		168	9		TC11CA	07	TIWRDA	01 1	TQ2	F4	37A				
10229		XA324	71		XA319	54		168	9		TC11CA	08	TC11CA	00 1	THI	F2	36B	TC REG BIT 11-A			
10230		XA319	54		XA319	41		168	9		TC11CA	09	TU291A	01 2	TT3	D1	25A				
10231		XA319	41		XA322	26		168	9		TC11CA	10	TU292A	01 1	TT3	D2	22B				
10232		XA322	26								TC11CA	11	TCM22A	01 8	TS8	B1	14A				
10233		XA328	76		XA324	70		168	9		TC11C0	01	TD111A	01 1	TQ2	F4	37A				
10234		XA324	70		XA325	78		168	9		TC11C0	02	TC11C0	00 1	THI	F3	34B	TC REG BIT 11-G			
10235		XA325	78		XA326	71		168	9		TC11C0	03	TD111A	01 3	T04	F1	38A				
10236		XA326	71		XA327	17		168	9		TC11C0	04	TU293A	01 1	TQ2	F2	36A				
10237		XA327	17		XA323	01		168	9		TC11C0	05	TU303A	01 2	TT3	B2	08B				
10238		XA323	01		XA323	06		168	9		TC11C0	06	TMLUAA	01 1	T04	A2	02B				
10239		XA323	06		XA323	14		168	9		TC11C0	07	TMLLAA	01 1	T04	A1	05A				
10240		XA323	14		XA323	25		168	9		TC11C0	08	TMUUAA	01 1	T04	B2	09A				
10241		XA323	25		XA319	45		168	9		TC11C0	09	TMULAA	01 3	T04	B1	12B				
10242		XA319	45		XA309	76		168	9		TC11C0	10	TU294A	01 1	TT3	D3	24B				
10243		XA309	76								TC11C0	11	TU302A	01 2	TT3	F3	37A				
10244		XA322	38		XA321	11		168	9		TC12BP	01	TCM24A	01 6	TS8	C1	18A				
10245		XA321	11		XA319	10		168	9		TC12BP	02	TC12BP	00 1	T0D	AP	05B	CONTROL REG BIT			
10246		XA319	10		XA319	05		168	9		TC12BP	03	TPR10A	01 3	TT3	A1	07A				
10247		XA319	05		XA137	65		168	9		TC12BP	04	TPR20A	01 3	TT3	A2	03B				
10248		XA137	65								TC12BP	05	TMDZAA	01 1	TT3	F2	34B				
10249		XA418	04		XA328	73		168	9		TC12BQ	01	TRDYA0X	01 1	DCE	A8	04A				
10250		XA328	73		XA322	25		168	9		TC12BQ	02	TQES2A	01 2	TQ2	F2	36B				
10251		XA322	25		XA319	22		168	9		TC12BQ	03	TCM22A	01 7	TS8	B1	12B				
10252		XA319	22		XA321	13		168	9		TC12BQ	04	TPR40A	01 1	TT3	B1	12A				
10253		XA321	13		XA319	11		168	9		TC12BQ	05	TC12BQ	00 1	T0D	AQ	06B	CONTROL REG BIT			
10254		XA319	11		XA219	73		168	9		TC12BQ	06	TPR30A	01 2	TT3	A3	05B				
10255		XA219	73		XA137	78		168	9		TC12BQ	07	TD121A	01 2	TQ2	F2	36B				
10256		XA137	78								TC12BQ	08	TMDAAA	01 3	TT3	F3	38A				
10257		XA321	05		XA320	05		168	9		TC13BP	01	TC13BP	00 1	T0D	BP	04B	CONTROL REG BIT			
10258		XA320	05		XA319	08		168	9		TC13BP	02	TCATCA	01 2	TQ2	A2	03B				
								****	SIGNAL		TC13BP		S ON THE		NEXT PAGE	****					

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 UNIT ASSEMBLY NAME CARD CAGE ASSY, I/O UNIT

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UNIT ASSEMBLY NO. 149019
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RECORD NUMBER	FROM			TO			UNIT NO.	FORMATION	SIGNAL	SIGNAL DESCRIPTION	TEST POINTS				
	PREFIX	CONNECTOR	PIN	PREFIX	CONNECTOR	PIN									
10259		XA319	08		XA319	13	168 9	TC13BP	03	TPR10A	01 2 TT3 A1	06A			
10260		XA319	13		XA319	17	168 9	TC13BP	04	TPR30A	01 3 TT3 A3	06B			
10261		XA319	17		XA319	21	168 9	TC13BP	05	TB1X1A	01 2 TT3 B2	08B			
10262		XA319	21		XA324	35	168 9	TC13BP	06	TB3X1A	01 1 TT3 B3	10B			
10263		XA324	35		XA327	46	168 9	TC13BP	07	TC13C0	01 1 TH1 C2	18A			
10264		XA327	46					TC13BP	08	TD132A	01 2 TT3 D2	21A			
10265		XA319	24		XA319	01	168 9	TC133Q	01	TPR43A	01 2 TT3 B1	13A			
10266		XA319	01		XA321	07	168 9	TC138Q	02	TPR20A	01 1 TT3 A2	02B			
10267		XA321	07		XA322	14	168 9	TC138Q	03	TC13B0	00 1 TDD B0	03A			
10268		XA322	14		XA324	29	168 9	TC138Q	04	TCM22A	01 1 TS8 B1	09A			
10269		XA324	29		XA327	52	168 9	TC138Q	05	TC13CA	01 1 TH1 C4	15B			
10270		XA327	52		XA328	65	168 9	TC138Q	06	TD131A	01 1 TT3 D1	24A			
10271		XA328	65					TC138Q	07	TQES3A	01 1 TQ2 F3	34B			
10272		XA322	37		XA324	30	168 9	TC13CA	01	TCM24A	01 5 TS8 C1	18B			
10273		XA324	30		XA323	15	168 9	TC13CA	02	TC13CA	00 1 TH1 C4	14B			
10274		XA323	15		XA323	05	168 9	TC13CA	03	TMUUAA	01 3 TD4 B2	09B			
10275		XA323	05		XA137	71	168 9	TC13CA	04	TMLUAA	01 3 TD4 A2	03B			
10276		XA137	71		XA137	69	168 9	TC13CA	05	TMDZAA	01 2 TT3 F2	36A			
10277		XA137	69					TC13CA	06	TMDAAA	01 1 TT3 F3	35A			
10278		XA323	10		XA323	22	168 9	TC13C0	01	TMLLAA	01 3 TD4 A1	07A			
10279		XA323	22		XA324	37	168 9	TC13C0	02	TMULAA	01 1 TD4 B1	12A			
10280		XA324	37		XA323	34	168 9	TC13C0	03	TC13C0	00 1 TH1 C2	17A			
10281		XA323	34		XA319	30	168 9	TC13C0	04	TCAM1A	01 3 TD4 C2	16A			
10282		XA319	30		XA319	35	168 9	TC13C0	05	TB4X1A	01 2 TT3 C2	15A			
10283		XA319	35		XA319	42	168 9	TC13C0	06	TCAM6A	01 2 TT3 C3	17B			
10284		XA319	42		XA308	40	168 9	TC13C0	07	TB2X1A	01 3 TT3 C1	20A			
10285		XA308	40		XA308	22	168 9	TC13C0	08	TCAM5A	01 3 TD4 C1	19A			
10286		XA308	22		XA308	14	168 9	TC13C0	09	TCAM3A	01 1 TD4 B1	12A			
10287		XA308	14		XA308	07	168 9	TC13C0	10	TCAM4A	01 1 TD4 B2	09A			
10288		XA308	07					TC13C0	11	TCAM2A	01 4 TD4 A2	03A			
10289		XA320	11		XA321	23	168 9	TC14BP	01	TACX0A	01 1 TQ2 A4	05B			
10290		XA321	23		XA320	26	168 9	TC14BP	02	TC14BP	00 1 TDD CP	11B			
10291		XA320	26		XA320	37	168 9	TC14BP	03	TACX1A	01 2 TQ2 B1	14A			
10292		XA320	37		XA322	42	168 9	TC14BP	04	TU14A0	01 2 TQ2 C4	18B			
10293		XA322	42					TC14BP	05	TCM24A	01 8 TS8 C1	20A			
10294		XA208	08		XA314	23	168 9	TC14BQ	01	TD147A	01 1 TQ2 A1	06A			
10295		XA314	23		XA314	26	168 9	TC14BQ	02	TCAC1A	01 1 TQ2 B4	11B			
10296		XA314	26		XA321	25	168 9	TC14BQ	03	TD141A	01 2 TQ2 B1	14A			
10297		XA321	25		XA320	18	168 9	TC14BQ	04	TC14BQ	00 1 TDD C0	12B			
10298		XA320	18		XA320	17	168 9	TC14BQ	05	TACX2A	01 1 TQ2 B2	10A			
10299		XA320	17		XA322	18	168 9	TC14BQ	06	TACX3A	01 1 TQ2 B3	08B			
10300		XA322	18		XA323	61	168 9	TC14BQ	07	TCM22A	01 2 TS8 B1	10A			
10301		XA323	61					TC14BQ	08	TDQ14A	01 1 TD4 E1	32B			
10302		XA320	09		XA321	24	168 9	TC1400	01	TC1400	00 1 TQ2 A3	04B			
										****	SIGNAL	TC1400	IS ON THE	NEXT PAGE	****

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RECORD NUMBER	FROM				TO				WIRE			SIGNAL	SEL NO	EQUATION	TERM	FACTORY	CHK OR CNTP TYPE	SWGP	LOAD OR POWER PLANE	TEST POINTS AND/OR	SIGNAL DESCRIPTION	ECO NO
	PREFIX	CONNECTOR	PIN	SHR	PREFIX	CONNECTOR	PIN	SHR	MULTI GROUP	CODE	COLOR											
10303		XA321	24										TC1400	02	TC148I	01	1	TDD	CI		13A	
10304		XA225	06		XA320	03				16B	9		TC141A	01	TC141A	00	1	TQ2	A1		05A	OFRO BANK ADD TO
10305		XA320	03										TC141A	02	TC1400	01	1	TQ2	A3		02A	
10306		XA320	07		XA327	15				16B	9		TC142A	01	TC1400	01	2	TQ2	A3		03A	
10307		XA327	15										TC142A	02	TC142A	00	1	TT3	A3		07B	TD14 TO TC14 XFE
10308		XA310	27		XA314	36				16B	9		TC158P	01	TC15C0	01	1	THI	B6		13B	
10309		XA314	36		XA322	40				16B	9		TC158P	02	TU151A	01	2	TQ2	C2		17A	
10310		XA322	40		XA321	21				16B	9		TC158P	03	TCM24A	01	7	TS8	C1		19A	
10311		XA321	21		XA320	20				16B	9		TC158P	04	TC158P	00	1	TDD	DP		10B	CONTROL REG BIT
10312		XA320	20		XA320	13				16B	9		TC158P	05	TACX2A	01	2	TQ2	B2		11A	
10313		XA320	13										TC158P	06	TACX0A	01	2	TQ2	A4		06B	
10314		XA323	62		XA320	24				16B	9		TC158Q	01	TDQ15A	01	3	TD4	E2		29A	
10315		XA320	24		XA321	19				16B	9		TC158Q	02	TACX1A	01	1	TQ2	B1		13A	
10316		XA321	19		XA320	19				16B	9		TC158Q	03	TC158Q	00	1	TDD	DQ		09B	CONTROL REG BIT
10317		XA320	19		XA314	19				16B	9		TC158Q	04	TACX3A	01	2	TQ2	B3		09B	
10318		XA314	19		XA314	29				16B	9		TC158Q	05	TU141A	01	2	TQ2	B3		09B	
10319		XA314	29		XA218	11				16B	9		TC158Q	06	TU152A	01	1	TQ2	C3		14B	
10320		XA218	11		XA218	07				16B	9		TC158Q	07	TD151A	01	1	TQ2	A4		05B	
10321		XA218	07										TC158Q	08	TD157A	01	2	TQ2	A3		03A	
10322		XA310	26		XA322	24				16B	9		TC15C0	01	TC15C0	00	1	THI	B6		12B	TC BIT 15 UNLOAD
10323		XA322	24										TC15C0	02	TCM22A	01	6	TS8	B1		13A	
10324		XA314	38		XA321	18				16B	9		TC1500	01	TC1500	00	1	TQ2	C1		18A	CONTROL REG BIT
10325		XA321	18										TC1500	02	TC158I	01	1	TDD	DI		10A	
10326		XA225	01		XA314	42				16B	9		TC151A	01	TC151A	00	1	TQ2	A2		02B	OFRO BANK ADD TO
10327		XA314	42										TC151A	02	TC1500	01	2	TQ2	C1		20A	
10328		XA315	36		XA314	40				16B	9		TC152A	01	TC152A	00	1	TT3	C1		17A	TD15 TO TC15 XFE
10329		XA314	40										TC152A	02	TC1500	01	1	TQ2	C1		19A	
10330		XA218	29		XA219	74				16B	9		TC16BP	01	TD162A	01	1	TQ2	C3		14B	
10331		XA219	74		XA310	39				16B	9		TC16BP	02	TRC160	01	2	TQ2	F3		35B	
10332		XA310	39		XA314	31				16B	9		TC16BP	03	TC16C0	01	1	THI	C6		19B	
10333		XA314	31		XA320	25				16B	9		TC16BP	04	TU152A	01	2	TQ2	C3		15B	
10334		XA320	25		XA321	35				16B	9		TC16BP	05	TACY0A	01	2	TQ2	B4		12B	
10335		XA321	35		XA320	40				16B	9		TC16BP	06	TC16BP	00	1	TDD	EP		17B	CONTROL REG BIT
10336		XA320	40		XA322	54				16B	9		TC16BP	07	TACY1A	01	1	TQ2	C1		19A	
10337		XA322	54		XA340	77				16B	9		TC16BP	08	TCM32A	01	7	TS8	D1		25A	
10338		XA340	77										TC16BP	09	TS09NA	01	2	TT3	F1		38B	
10339		XA321	37		XA320	34				16B	9		TC16BQ	01	TC16B0	00	1	TDD	EQ		18B	CONTROL REG BIT
10340		XA320	34		XA320	31				16B	9		TC16BQ	02	TACY2A	01	1	TQ2	C2		16A	
10341		XA320	31		XA314	34				16B	9		TC16BQ	03	TACY3A	01	2	TQ2	C3		15B	
10342		XA314	34		XA314	17				16B	9		TC16BQ	04	TU151A	01	1	TQ2	C2		16A	
												****	SIGNAL	(TC16BQ)	IS ON THE	NEXT PAGE	****					

DRAWING NUMBER 149019-800
 UNIT ASSEMBLY NAME CARD CAGE ASSY, I/O UNIT

STRING

UNIT ASSEMBLY NO. 149019
 FILE IDENT T398IUX2

REV G
 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 PLANS	TEST POINTS AND/OR	SIGNAL DESCRIPTION	ECO NO	
	PREFIX	CONNECTOR	PIN	DR #	PREFIX	CONNECTOR	PIN	DR #	MULTI GROUP	CODE	COLOR	IDENT												SPEC INST
10343		XA314	17			XA218	37			16B	9			TC16BQ	05	TU141A	01	1	TQ2	B3		08B		
10344		XA218	37											TC16BQ	06	TD161A	01	2	TQ2	C4		18B		
10345		XA310	42			XA322	61			16B	9			TC16C0	01	TC16C0	00	1	THI	C6		18B	TC BIT 16 UNLOAD	
10346		XA322	61											TC16C0	02	TCM34A	01	3	TS8	E1		32B		
10347		XA320	45			XA321	40			16B	9			TC1600	01	TC1600	00	1	TQ2	D3		24B	CONTROL REG BIT	
10348		XA321	40											TC1600	02	TC16B1	01	1	TDD	E1		19A		
10349		XA230	14			XA320	41			16B	9			TC161A	01	TC161A	00	1	TQ2	B2		09A	OFRO BANK ADD TO	
10350		XA320	41											TC161A	02	TC1600	01	1	TQ2	D3		22B		
10351		XA315	31			XA320	43			16B	9			TC162A	01	TC162A	00	1	TT3	C2		15B	TD16 TO TC16 XFE	
10352		XA320	43											TC162A	02	TC1600	01	2	TQ2	D3		23B		
10353		XA320	23			XA321	33			16B	9			TC17BP	01	TACY0A	01	1	TQ2	B4		11B		
10354		XA321	33			XA320	36			16B	9			TC17BP	02	TC17BP	00	1	TDD	FP		16B	CONTROL REG BIT	
10355		XA320	36			XA322	50			16B	9			TC17BP	03	TACY2A	01	2	TQ2	C2		17A		
10356		XA322	50			XA316	64			16B	9			TC17BP	04	TCM32A	01	5	TS8	D1		23A		
10357		XA316	64											TC17BP	05	TU17A0	01	2	TQ2	E2		30A		
10358		XA218	19			XA320	29			16B	9			TC17BQ	01	TD171A	01	2	TQ2	B3		09B		
10359		XA320	29			XA321	31			16B	9			TC17BQ	02	TACY3A	01	1	TQ2	C3		14B		
10360		XA321	31			XA320	42			16B	9			TC17BQ	03	TC17BQ	00	1	TDD	FQ		15B	CONTROL REG BIT	
10361		XA320	42			XA320	70			16B	9			TC17BQ	04	TACY1A	01	2	TQ2	C1		20A		
10362		XA320	70			XA322	68			16B	9			TC17BQ	05	TCAC2A	01	2	TQ2	E1		33A		
10363		XA322	68											TC17BQ	06	TCM34A	01	7	TS8	E1		32A		
10364		XA321	34			XA320	51			16B	9			TC1700	01	TC17B1	01	1	TDD	F1		16A		
10365		XA320	51											TC1700	02	TC1700	00	1	TQ2	D4		27B	CONTROL REG BIT	
10366		XA230	72			XA320	47			16B	9			TC171A	01	TC171A	00	1	TQ2	F2		34A	OFRO BANK ADD TO	
10367		XA320	47											TC171A	02	TC1700	01	1	TQ2	D4		25B		
10368		XA315	39			XA320	49			16B	9			TC172A	01	TC172A	00	1	TT3	C3		19B	TD17 TO TC17 XFE	
10369		XA320	49											TC172A	02	TC1700	01	2	TQ2	D4		26B		
10370		XA345	24			XA322	64			16B	9			TC18BP	01	TS112A	01	2	TD4	B1		13A		
10371		XA322	64			XA321	47			16B	9			TC18BP	02	TCM34A	01	5	TS8	E1		30A		
10372		XA321	47			XA320	59			16B	9			TC18BP	03	TC18BP	00	1	TDD	GP		25B	CONTROL REG BIT	
10373		XA320	59			XA320	55			16B	9			TC18BP	04	TACP1A	01	1	TQ2	E4		31B		
10374		XA320	55			XA314	56			16B	9			TC18BP	05	TACPOA	01	2	TQ2	E3		29B		
10375		XA314	56											TC18BP	06	TU181A	01	2	TQ2	D1		26A		
10376		XA248	49			XA345	07			16B	9			TC18BQ	01	TS9Q1A	01	1	TD4	D1		26B		
10377		XA345	07			XA322	46			16B	9			TC18BQ	02	TS093A	01	4	TD4	A2		03A		
10378		XA322	46			XA321	49			16B	9			TC18BQ	03	TCM32A	01	2	TS8	D1		21A		
10379		XA321	49			XA320	48			16B	9			TC18BQ	04	TC18BQ	00	1	TDD	GQ		26B	CONTROL REG BIT	
10380		XA320	48			XA320	78			16B	9			TC18BQ	05	TU182A	01	1	TQ2	D2		22A		
10381		XA320	78			XA314	70			16B	9			TC18BQ	06	TACP2A	01	2	TQ2	F4		38A		
										****	SIGNAL	TC18BQ	IS ON THE NEXT PAGE ****											

DRAWING NUMBER 149019-800
UNIT ASSEMBLY NAME CARD CAGE ASSY, I/O UNIT

STRING

UNIT ASSEMBLY NO. 149019
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RECORD NUMBER	FROM				TO				WIRE				SIGNAL	SEQ NO	EQUATION	TERM	FACTOR	CKT OR CHIP TYPE	ORGN	L. PAD OR POWER PLANE	TEST POINTS		SIGNAL DESCRIPTION	ECO NO
	PREFIX	CONNECTOR	PIN	ST. NO.	PREFIX	CONNECTOR	PIN	ST. NO.	MULTI GROUP	CODE	COLOR	IDENT									SPC INCT	MISC		
10382		XA314	70		XA314	37				168	9			TC188Q	07	TD181A	01	2	TQ2	E1	33A			
10383		XA314	37											TC188Q	08	TU171A	01	2	TQ2	C4	18B			
10384		XA314	61		XA320	76				168	9			TC198P	01	TD192A	01	2	TQ2	E4	32B			
10385		XA320	76		XA320	53				168	9			TC198P	02	TACP2A	01	1	TQ2	F4	37A			
10386		XA320	53		XA320	50				168	9			TC198P	03	TACPOA	01	1	TQ2	E3	28B			
10387		XA320	50		XA321	45				168	9			TC198P	04	TU182A	01	2	TQ2	D2	23A			
10388		XA321	45		XA322	48				168	9			TC198P	05	TC19BP	00	1	TDD	HP	24B		CONTROL REG BIT	
10389		XA322	48		XA134	08				168	9			TC198P	06	TCM32A	01	3	TS8	D1	22A			
10390		XA134	08		XA134	03				168	9			TC198P	07	TQBY1A	01	2	TT3	A1	06A			
10391		XA134	03											TC198P	08	TQBY2A	01	2	TT3	A2	02A			
10392		XA134	11		XA134	26				168	9			TC198Q	01	TQBY3A	01	2	TT3	A3	05B			
10393		XA134	26		XA321	43				168	9			TC198Q	02	TQBY4A	01	3	TT3	B1	14A			
10394		XA321	43		XA322	66				168	9			TC198Q	03	TC198Q	00	1	TDD	HQ	23B		CONTROL REG BIT	
10395		XA322	66		XA320	61				168	9			TC198Q	04	TCM34A	01	6	TS8	E1	31A			
10396		XA320	61		XA314	54				168	9			TC198Q	05	TACP1A	01	2	TQ2	E4	32B			
10397		XA314	54		XA314	55				168	9			TC198Q	06	TU181A	01	1	TQ2	D1	25A			
10398		XA314	55		XA314	35				168	9			TC198Q	07	TD191A	01	2	TQ2	E3	29R			
10399		XA314	35											TC198Q	08	TU171A	01	1	TQ2	C4	17B			
10400		XA134	06		XA134	13				168	9			TC208P	01	TQBY1A	01	1	TT3	A1	05A			
10401		XA134	13		XA322	62				168	9			TC208P	02	TQBY3A	01	3	TT3	A3	06B			
10402		XA322	62		XA321	59				168	9			TC208P	03	TCM34A	01	4	TS8	E1	29A			
10403		XA321	59		XA316	59				168	9			TC208P	04	TC208P	00	1	TDD	JP	31B		CONTROL REG BIT	
10404		XA316	59											TC208P	05	TU20A0	01	1	TQ2	E4	31B			
10405		XA134	01		XA134	24				168	9			TC208Q	01	TQBY2A	01	1	TT3	A2	02B			
10406		XA134	24		XA214	70				168	9			TC208Q	02	TQBY4A	01	2	TT3	B1	13A			
10407		XA214	70		XA320	64				168	9			TC208Q	03	TD201A	01	2	TQ2	E1	33A			
10408		XA320	64		XA321	61				168	9			TC208Q	04	TCAC3A	01	2	TQ2	E2	30A			
10409		XA321	61		XA322	56				168	9			TC208Q	05	TC208Q	00	1	TDD	JQ	32B		CONTROL REG BIT	
10410		XA322	56											TC208Q	06	TCM32A	01	8	TS8	D1	26A			
10411		XA321	57		XA322	70				168	9			TC218P	01	TC218P	00	1	TDD	KP	30B		CONTROL REG BIT	
10412		XA322	70		XA320	79				168	9			TC218P	02	TCM34A	01	8	TS8	E1	33A			
10413		XA320	79		XA309	70				168	9			TC218P	03	TU211A	01	2	TQ2	F1	39B			
10414		XA309	70		XA309	52				168	9			TC218P	04	TQBD3A	01	3	TT3	E1	33A			
10415		XA309	52		XA309	46				168	9			TC218P	05	TQBD0A	01	1	TT3	D1	24A			
10416		XA309	46		XA309	45				168	9			TC218P	06	TQBD1A	01	2	TT3	D2	21A			
10417		XA309	45											TC218P	07	TQBD2A	01	1	TT3	D3	24B			
10418		XA214	55		XA315	65				168	9			TC218Q	01	TD211A	01	2	TQ2	E3	29B			
10419		XA315	65		XA315	78				168	9			TC218Q	02	TQBD4A	01	1	TT3	F2	34B			
10420		XA315	78		XA320	73				168	9			TC218Q	03	TQBD5A	01	3	TT3	F3	38A			
10421		XA320	73		XA320	74				168	9			TC218Q	04	TU212A	01	2	TQ2	F2	36B			
10422		XA320	74		XA321	55				168	9			TC218Q	05	TU201A	01	2	TQ2	F3	35B			
10423		XA321	55		XA322	49				168	9			TC218Q	06	TC218Q	00	1	TDD	KQ	23B		CONTROL REG BIT	
10424		XA322	49											TC218Q	07	TCM32A	01	4	TS8	D1	26B			
												****	SIGNAL	(TC228P)	IS ON THE		NEXT PAGE		****					

DRAWING NUMBER		149019-800		STRING		UNIT ASSEMBLY NO.		149019		REV		G		INDEX		TC22BP			
UNIT ASSEMBLY NAME		CARD CAGE ASSY, I/O UNIT				PART IDENT		T398IUX2		DATE		09-03-82		PAGE		145			
RECORD NUMBER	PREFIX	CONNECTOR	PIN	TO	PIN	WIRE	CODE	COLOR	IDENT	SIGNAL	SIG NO	EQUATION	WIRE NO	WIRE	WIRE	WIRE	WIRE	SIGNAL DESCRIPTION	ECO NO
10425		XA322	55	XA321	76	168 9				TC22BP	01	TCM34A	01 1	TS8	E1		29B		
10426		XA321	76	XA320	71	168 9				TC22BP	02	TC22BP	00 1	TDD	LP		37A	CONTROL REG BIT	
10427		XA320	71	XA315	71	168 9				TC22BP	03	TU212A	01 1	TQ2	F2		36A		
10428		XA315	71	XA315	69	168 9				TC22BP	04	TQ804A	01 2	TT3	F2		36A		
10429		XA315	69	XA309	54	168 9				TC22BP	05	TQ805A	01 1	TT3	F3		35A		
10430		XA309	54	XA309	48	168 9				TC22BP	06	TQ800A	01 2	TT3	D1		25A		
10431		XA309	48	XA214	71	168 9				TC22BP	07	TQ801A	01 3	TT3	D2		22A		
10432		XA214	71							TC22BP	08	TD222A	01 1	TQ2	F2		36A		
10433		XA322	52	XA321	78	168 9				TC22BQ	01	TCM32A	01 6	TS8	D1		24A		
10434		XA321	78	XA320	77	168 9				TC22BQ	02	TC22BQ	00 1	TDD	LQ		38A	CONTROL REG BIT	
10435		XA320	77	XA320	65	168 9				TC22BQ	03	TU211A	01 1	TQ2	F1		38B		
10436		XA320	65	XA309	68	168 9				TC22BQ	04	TU201A	01 1	TQ2	F3		34B		
10437		XA309	68	XA309	49	168 9				TC22BQ	05	TQ803A	01 2	TT3	F1		32A		
10438		XA309	49	XA214	79	168 9				TC22BQ	06	TQ802A	01 3	TT3	D3		26B		
10439		XA214	79							TC22BQ	07	TD221A	01 2	TQ2	F1		39B		
10440		XA322	60	XA321	69	168 9				TC23BP	01	TCM34A	01 2	TS8	E1		28A		
10441		XA321	69	XA316	71	168 9				TC23BP	02	TC23BP	00 1	TDD	MP		35A	CONTROL REG BIT	
10442		XA316	71	XA315	72	168 9				TC23BP	03	TU23A0	01 1	TQ2	F2		36A		
10443		XA315	72	XA314	77	168 9				TC23BP	04	TQ804A	01 3	TT3	F2		34A		
10444		XA314	77	XA309	56	168 9				TC23BP	05	TQ806A	01 1	TQ2	F1		38B		
10445		XA309	56	XA309	47	168 9				TC23BP	06	TQ800A	01 3	TT3	D1		26A		
10446		XA309	47							TC23BP	07	TQ802A	01 2	TT3	O3		25B		
10447		XA214	74	XA315	41	168 9				TC23BQ	01	TD231A	01 2	TQ2	F3		35B		
10448		XA315	41	XA309	41	168 9				TC23BQ	02	TCAC4A	01 1	TT3	D2		22B		
10449		XA309	41	XA309	66	168 9				TC23BQ	03	TQ801A	01 1	TT3	D2		22B		
10450		XA309	66	XA314	73	168 9				TC23BQ	04	TQ803A	01 1	TT3	F1		31A		
10451		XA314	73	XA315	76	168 9				TC23BQ	05	TQ807A	01 2	TQ2	F2		36B		
10452		XA315	76	XA321	74	168 9				TC23BQ	06	TQ805A	01 2	TT3	F3		37A		
10453		XA321	74	XA322	43	168 9				TC23BQ	07	TC23BQ	00 1	TDD	MQ		35B	CONTROL REG BIT	
10454		XA322	43							TC23BQ	08	TCM32A	01 1	TS8	D1		23B		
10455		XA322	74	XA317	11	168 9				TC24BP	01	TCM42A	01 4	TS8	F1		35B		
10456		XA317	11	XA316	04	168 9				TC24BP	02	TC24BP	00 1	TDD	AP		05B	CONTROL REG BIT	
10457		XA316	04	XA314	05	168 9				TC24BP	03	TAW40A	01 1	TQ2	A2		04A		
10458		XA314	05							TC24BP	04	TU241A	01 2	TQ2	A2		03B		
10459		XA315	46	XA314	07	168 9				TC24BQ	01	TCAC4A	01 2	TT3	D2		21A		
10460		XA314	07	XA314	10	168 9				TC24BQ	02	TU242A	01 2	TQ2	A3		03A		
10461		XA314	10	XA317	13	168 9				TC24BQ	03	TU231A	01 2	TQ2	A1		07A		
10462		XA317	13	XA316	08	168 9				TC24BQ	04	TC24BQ	00 1	TDD	A0		06B	CONTROL REG BIT	
10463		XA316	08	XA221	77	168 9				TC24BQ	05	TAW00A	01 1	TQ2	A1		06A		
10464		XA221	77	XA214	08	168 9				TC24BQ	06	TCM44A	01 6	TS8	F1		38B		
10465		XA214	08							TC24BQ	07	TD241A	01 1	TQ2	A1		06A		
10466		XA322	75	XA317	09	168 9				TC25BP	01	TCM42A	01 5	TS8	F1		37B		
10467		XA317	09	XA316	11	168 9				TC25BP	02	TC25BP	00 1	TDD	BP		04B	CONTROL REG BIT	
10468		XA316	11	XA314	03	168 9				TC25BP	03	TAW41A	01 1	TQ2	A4		05B		
										****	SIGNAL	(TC25BP)	IS ON THE		NEXT PAGE		****		

DRAWING NUMBER		149019-800		STRING		UNIT ASSEMBLY NO.		149019		REV		G		INDEX		TC25BP									
UNIT ASSEMBLY NAME		CARD CAGE ASSY, I/O UNIT		FILE IDENT		T39BIUX2		DATE		09-03-82		PAGE		146											
RECORD NUMBER	FROM				TO				WIRE				SIGNAL	REL NO	EQUATION	TERM	S	CMT	OF	CMT	OF	CMT	OF	SIGNAL DESCRIPTION	ECO NO
	PREFIX	CONNECTOR	PIN	DR PG	PREFIX	CONNECTOR	PIN	DR PG	MULTI GROUP	CODE	COLOR	IDENT													
10469		XA314	03		XA214	13			16B	9				TC25BP	04	TU242A	01	1	TQ2	A3				02A	
10470		XA214	13											TC25BP	05	TD252A	01	2	TQ2	A4				06B	
10471		XA315	48		XA314	04			16B	9				TC25BQ	01	TCAC4A	01	3	TT3	D2				22A	
10472		XA314	04		XA314	08			16B	9				TC25BQ	02	TU241A	01	1	TQ2	A2				04A	
10473		XA314	08		XA316	07			16B	9				TC25BQ	03	TU231A	01	1	TQ2	A1				06A	
10474		XA316	07		XA317	07			16B	9				TC25BQ	04	TAW01A	01	2	TQ2	A3				03A	
10475		XA317	07		XA221	78			16B	9				TC25BQ	05	TC25BQ	00	1	TDD	BQ				03A	CONTROL REG BIT
10476		XA221	78		XA214	07			16B	9				TC25BQ	06	TCM44A	01	7	TS8	F1				38A	
10477		XA214	07											TC25BQ	07	TD251A	01	2	TQ2	A3				03A	
10478		XA316	76		XA317	23			16B	9				TC26BP	01	TU26A0	01	1	TQ2	F4				37A	
10479		XA317	23		XA316	18			16B	9				TC26BP	02	TC26BP	00	1	TDD	CP				11B	CONTROL REG BIT
10480		XA316	18		XA221	71			16B	9				TC26BP	03	TAW50A	01	1	TQ2	B2				10A	
10481		XA221	71											TC26BP	04	TCM44A	01	1	TS8	F1				36A	
10482		XA322	72		XA315	49			16B	9				TC26BQ	01	TCM42A	01	2	TS8	F1				34A	
10483		XA315	49		XA317	25			16B	9				TC26BQ	02	TCAC5A	01	3	TT3	D3				26B	
10484		XA317	25		XA316	24			16B	9				TC26BQ	03	TC26BQ	00	1	TDD	CQ				12B	CONTROL REG BIT
10485		XA316	24		XA214	26			16B	9				TC26BQ	04	TAW10A	01	1	TQ2	B1				13A	
10486		XA214	26											TC26BQ	05	TD261A	01	2	TQ2	B1				14A	
10487		XA317	21		XA316	25			16B	9				TC27BP	01	TC27BP	00	1	TDD	DP				10B	CONTROL REG BIT
10488		XA316	25		XA314	43			16B	9				TC27BP	02	TAW51A	01	2	TQ2	B4				12B	
10489		XA314	43		XA322	79			16B	9				TC27BP	03	TU271A	01	2	TQ2	D3				23B	
10490		XA322	79											TC27BP	04	TCM42A	01	8	TS8	F1				39B	
10491		XA214	19		XA221	74			16B	9				TC27BQ	01	TD271A	01	2	TQ2	B3				09B	
10492		XA221	74		XA317	19			16B	9				TC27BQ	02	TCM44A	01	4	TS8	F1				35B	
10493		XA317	19		XA316	19			16B	9				TC27BQ	03	TC27BQ	00	1	TDD	DQ				09B	CONTROL REG BIT
10494		XA316	19		XA315	45			16B	9				TC27BQ	04	TAW11A	01	2	TQ2	B3				09B	
10495		XA315	45		XA314	48			16B	9				TC27BQ	05	TCAC5A	01	1	TT3	D3				24B	
10496		XA314	48		XA314	49			16B	9				TC27BQ	06	TU261A	01	1	TQ2	D2				22A	
10497		XA314	49											TC27BQ	07	TU272A	01	2	TQ2	D4				26B	
10498		XA314	47		XA317	35			16B	9				TC28BP	01	TU272A	01	1	TQ2	D4				25B	
10499		XA317	35		XA316	34			16B	9				TC28BP	02	TC28BP	00	1	TDD	EP				17B	CONTROL REG BIT
10500		XA316	34		XA221	79			16B	9				TC28BP	03	TAW60A	01	1	TQ2	C2				16A	
10501		XA221	79		XA214	34			16B	9				TC28BP	04	TCM44A	01	8	TS8	F1				39B	
10502		XA214	34											TC28BP	05	TD282A	01	1	TQ2	C2				16A	
10503		XA322	77		XA317	37			16B	9				TC28BQ	01	TCM42A	01	6	TS8	F1				38B	
10504		XA317	37		XA316	40			16B	9				TC28BQ	02	TC28BQ	00	1	TDD	EQ				18B	CONTROL REG BIT
10505		XA316	40		XA315	47			16B	9				TC28BQ	03	TAW29A	01	1	TQ2	C1				19A	
10506		XA315	47		XA314	50			16B	9				TC28BQ	04	TCAC5A	01	2	TT3	D3				25B	
10507		XA314	50		XA314	41			16B	9				TC28BQ	05	TU261A	01	2	TQ2	D2				23A	
10508		XA314	41		XA214	42			16B	9				TC28BQ	06	TU271A	01	1	TQ2	D3				22B	
10509		XA214	42											TC28BQ	07	TD281A	01	2	TQ2	C1				20A	
10510		XA316	35		XA317	33			16B	9				TC29BP	01	TAW61A	01	1	TQ2	C4				17B	
													****	SIGNAL	(TC29BP)	IS ON THE NEXT PAGE ****									

DRAWING NUMBER 149019-800
UNIT ASSEMBLY NAME CARD CAGE ASSY, I/O UNIT

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UNIT ASSEMBLY NO. 149019
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RECORD NUMBER	FROM				TO				WIRE				SIGNAL	SQ NO	EQUATION	TERM	FACTOR	CKT OR CHIP TYPE	GROUP	LOAD OR POWER PLANS	TEST POINTS AND/OR	SIGNAL DESCRIPTION	ECO NO
	PREFIX	CONNECTOR	PIN	DR PC	PREFIX	CONNECTOR	PIN	DR PC	MULTI GROUP	CODE	COLOR	IDENT											
10511		XA317	33		XA319	48				16B	9		TC298P	02	TC298P	00	1	TDD	FP		16B	CONTROL REG BIT	
10512		XA319	48		XA221	72				16B	9		TC298P	03	TU292A	01	3	TT3	O2		22A		
10513		XA221	72										TC298P	04	TCM44A	01	2	TS8	F1		34A		
10514		XA214	31		XA316	29				16B	9		TC298Q	01	TD291A	01	2	TQ2	C3		15B		
10515		XA316	29		XA317	31				16B	9		TC298Q	02	TAW21A	01	1	TQ2	C3		14B		
10516		XA317	31		XA319	56				16B	9		TC298Q	03	TC298Q	00	1	TDD	FQ		15B	CONTROL REG BIT	
10517		XA319	56		XA322	71				16B	9		TC298Q	04	TU291A	01	3	TT3	D1		26A		
10518		XA322	71		XA326	73				16B	9		TC298Q	05	TCM42A	01	1	TS8	F1		36A		
10519		XA326	73		XA327	49				16B	9		TC298Q	06	TU293A	01	2	TQ2	F2		36B		
10520		XA327	49		XA323	37				16B	9		TC298Q	07	TCAC8A	01	3	TT3	O3		26B		
10521		XA323	37										TC298Q	08	TCAC7A	01	1	TD4	C1		18B		
10522		XA221	73		XA326	65				16B	9		TC308P	01	TCM44A	01	3	TS8	F1		36B		
10523		XA326	65		XA319	52				16B	9		TC308P	02	TU301A	01	1	TQ2	F3		34B		
10524		XA319	52		XA317	47				16B	9		TC308P	03	TU291A	01	1	TT3	D1		24A		
10525		XA317	47		XA316	48				16B	9		TC308P	04	TC308P	00	1	TDD	GP		25B	CONTROL REG BIT	
10526		XA316	48		XA309	69				16B	9		TC308P	05	TAW70A	01	1	TQ2	D2		22A		
10527		XA309	69										TC308P	06	TU302A	01	1	TT3	F3		35A		
10528		XA214	54		XA316	54				16B	9		TC308Q	01	TD301A	01	1	TQ2	D1		25A		
10529		XA316	54		XA317	49				16B	9		TC308Q	02	TAW30A	01	1	TQ2	D1		25A		
10530		XA317	49		XA319	47				16B	9		TC308Q	03	TC308Q	00	1	TDD	GQ		26B	CONTROL REG BIT	
10531		XA319	47		XA319	46				16B	9		TC308Q	04	TU294A	01	2	TT3	O3		25B		
10532		XA319	46		XA322	73				16B	9		TC308Q	05	TU292A	01	2	TT3	D2		21A		
10533		XA322	73		XA323	38				16B	9		TC308Q	06	TCM42A	01	3	TS8	F1		36B		
10534		XA323	38		XA327	45				16B	9		TC308Q	07	TCAC7A	01	2	TD4	C1		18A		
10535		XA327	45		XA327	14				16B	9		TC308Q	08	TCAC8A	01	1	TT3	D3		24B		
10536		XA327	14										TC308Q	09	TU303A	01	1	TT3	B2		09A		
10537		XA213	55		XA316	47				16B	9		TC318P	01	TC31C0	01	1	THI	E4		29B		
10538		XA316	47		XA317	45				16B	9		TC318P	02	TAW71A	01	1	TQ2	D4		25B		
10539		XA317	45		XA319	57				16B	9		TC318P	03	TC318P	00	1	TDD	HP		24B	CONTROL REG BIT	
10540		XA319	57		XA319	38				16B	9		TC318P	04	TD312A	01	1	TT3	E3		30B		
10541		XA319	38		XA319	18				16B	9		TC318P	05	TB2X1A	01	1	TT3	C1		18A		
10542		XA319	18		XA323	18				16B	9		TC318P	06	TB1X1A	01	3	TT3	B2		10A		
10543		XA323	18		XA323	26				16B	9		TC318P	07	TMUUA	01	2	TD4	B2		10A		
10544		XA323	26		XA327	18				16B	9		TC318P	08	TMULAA	01	4	TD4	B1		14A		
10545		XA327	18										TC318P	09	TU303A	01	3	TT3	B2		10A		
10546		XA214	50		XA213	62				16B	9		TC318Q	01	TD311A	01	2	TQ2	D2		23A		
10547		XA213	62		XA316	43				16B	9		TC318Q	02	TC31CA	01	1	THI	E3		29A		
10548		XA316	43		XA317	43				16B	9		TC318Q	03	TAW31A	01	2	TQ2	D3		23B		
10549		XA317	43		XA319	34				16B	9		TC318Q	04	TC318Q	00	1	TDD	HQ		23B	CONTROL REG BIT	
10550		XA319	34		XA319	23				16B	9		TC318Q	05	TB4X1A	01	3	TT3	C2		16A		
10551		XA319	23		XA323	13				16B	9		TC318Q	06	TB3X1A	01	2	TT3	B3		11B		
10552		XA323	13		XA323	07				16B	9		TC318Q	07	TMLAA	01	4	TD4	A1		06B		
10553		XA323	07										TC318Q	08	TMLUAA	01	4	TD4	A2		03A		
10554		XA221	75		XA213	60				16B	9		TC31CA	01	TCM44A	01	5	TS8	F1		37B		
										****		SIGNAL	TC31CA		IS ON THE						NEXT PAGE	****	

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UNIT ASSEMBLY NAME CARD CAGE ASSY, I/O UNIT

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UNIT ASSEMBLY NO. 149019
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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	SH/T	PREFIX	CONNECTOR	PIN	SH/T	MULTI-GROUP	CODE	COLOR	IDENT											
10555		XA213	60										TC31CA	02	TC31CA	00	1	THI	E3		28A	TC BIT 31* UNLOA	
10556		XA309	78		XA322	78			16B	9			TC31C0	01	TU302A	01	3	TT3	F3		38A		
10557		XA322	78		XA323	42			16B	9			TC31C0	02	TCM42A	01	7	TS8	F1		38A		
10558		XA323	42		XA319	49			16B	9			TC31C0	03	TCAC7A	01	4	TD4	C1		20A		
10559		XA319	49		XA213	56			16B	9			TC31C0	04	TU294A	01	3	TT3	D3		26B		
10560		XA213	56										TC31C0	05	TC31C0	00	1	THI	E4		28B	TC31 UNLOAD-0	
10561		XA246	68		XA346	57			16B	9			TDACA0	01	TDAXAA	01	1	TQ2	E1		32A		
10562		XA346	57		XA332	71			16B	9			TDACA0	02	TDACA0	00	1	TQ2	E3		30B	STATE S5+S13 PAR	
10563		XA332	71										TDACA0	03	TDAXBA	01	1	TQ2	F2		36A		
10564		XA213	09		XA218	76			16B	9			TDAXAA	01	TDAXA0	01	1	THI	A5		05B		
10565		XA218	76		XA315	03			16B	9			TDAXAA	02	TCAX60	01	1	TQ2	F4		37A		
10566		XA315	03		XA315	11			16B	9			TDAXAA	03	TCAX10	01	2	TT3	A2		02A		
10567		XA315	11		XA315	17			16B	9			TDAXAA	04	TCAX20	01	2	TT3	A3		05B		
10568		XA315	17		XA315	23			16B	9			TDAXAA	05	TCAX40	01	2	TT3	B2		08B		
10569		XA315	23		XA315	26			16B	9			TDAXAA	06	TCAX50	01	2	TT3	B3		11B		
10570		XA315	26		XA334	38			16B	9			TDAXAA	07	TCAX30	01	3	TT3	B1		14A		
10571		XA334	38		XA334	13			16B	9			TDAXAA	08	TDC620	01	6	TS8	C1		18A		
10572		XA334	13		XA246	66			16B	9			TDAXAA	09	TDC420	01	8	TS8	A1		06B		
10573		XA246	66										TDAXAA	10	TDAXAA	00	1	TQ2	E1		31A	XFER CONTROL DAT	
10574		XA208	10		XA213	07			16B	9			TDAXA0	01	TD147A	01	2	TQ2	A1		07A		
10575		XA213	07		XA218	03			16B	9			TDAXA0	02	TDAXA0	00	1	THI	A5		04B	XFER CONTROL FOR	
10576		XA218	03		XA423	31			16B	9			TDAXA0	03	TD157A	01	1	TQ2	A3		02A		
10577		XA423	31		XA423	37			16B	9			TDAXA0	04	TD107A	01	2	TQ2	C3		15B		
10578		XA423	37		XA423	34			16B	9			TDAXA0	05	TD117A	01	2	TQ2	C4		18B		
10579		XA423	34		XA423	50			16B	9			TDAXA0	06	TD027A	01	1	TQ2	C2		16A		
10580		XA423	50		XA423	56			16B	9			TDAXA0	07	TD137A	01	2	TQ2	D2		23A		
10581		XA423	56										TDAXA0	08	TD127A	01	2	TQ2	D1		26A		
10582		XA332	72		XA334	56			16B	9			TDAXBA	01	TDAXBA	00	1	TQ2	F2		34A	XFER CONTROL DAT	
10583		XA334	56		XA334	22			16B	9			TDAXBA	02	TDC820	01	8	TS8	D1		26A		
10584		XA334	22		XA247	14			16B	9			TDAXBA	03	TDC610	01	5	TS8	B1		12A		
10585		XA247	14										TDAXBA	04	TDC010	01	1	TS8	B1		09A		
10586		XA434	39		XA439	35			16B	9			TDA0BA	01	TDA0BA	00	1	TT3	C3		19B	ADD 0	
10587		XA439	35										TDA0BA	02	TDA0B0	01	1	THI	C2		18A		
10588		XA446	08		XA439	37			16B	9			TDA0B0	01	TDL01A	01	1	TQ2	A1		06A		
10589		XA439	37		XA140	35			16B	9			TDA0B0	02	TDA0B0	00	1	THI	C2		17A	ADD 0	
10590		XA140	35										TDA0B0	03	TSA0BA	01	1	TQ2	C4		17B		
10591		XA434	50		XA439	39			16B	9			TDA1BA	01	TDA1BA	00	1	TT3	D1		23A	ADD 1	
10592		XA439	39										TDA1BA	02	TDA1B0	01	1	THI	C6		19B		
10593		XA140	07		XA446	07			16B	9			TDA1B0	01	TSA1BA	01	2	TQ2	A3		03A		
10594		XA446	07		XA439	42			16B	9			TDA1B0	02	TDL11A	01	2	TQ2	A3		03A		
10595		XA439	42										TDA1B0	03	TDA1B0	00	1	THI	C6		18B	ADD 1	

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DRAWING NUMBER 149019-800
UNIT ASSEMBLY NAME CARD CAGE ASSY, I/O UNIT

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UNIT ASSEMBLY NO. 149019
FILE IDENT T39BIUX2

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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	SHIELD	PREFIX	CONNECTOR	PIN	SHIELD	MULTI GROUP	CODE	COLOR	IDENT												SPEC INST MISC
10596 10597		XA434 XA439	43 52			XA439	52				168	9		TDA2BA TDA2BA	01 02	TDA2BA TDA280	00 01	1 1	TT3 THI	D2 D1	23B 26A	ADD 2		
10598 10599 10600		XA141 XA446 XA439	56 24 54			XA446 XA439	24 54				168	9		TDA2B0 TDA2B0 TDA2B0	01 02 03	TSA2BA TDL21A TDA280	01 01 00	2 1 1	TQ2 TQ2 THI	D1 B1 D1	26A 13A 25A	ADD 2		
10601 10602		XA434 XA439	51 50			XA439	50				168	9		TDA38A TDA38A	01 02	TDA38A TDA380	00 01	1 1	TT3 THI	D3 D3	27B 22A	ADD 3		
10603 10604 10605 10606 10607		XA446 XA439 XA215 XA115 XA112	19 48 70 62 11			XA439 XA215 XA115 XA112	48 70 62 11				168	9		TDA380 TDA380 TDA380 TDA380 TDA380	01 02 03 04 05	TDL31A TDA380 TK150A TRTCA TSA3BA	01 00 01 01 01	2 1 8 1 1	TQ2 THI TS8 TQ2 TQ2	B3 D3 E1 E2 A4	09B 21A 33A 29A 05B	ADD 3 REQ 7		
10608 10609		XA434 XA439	64 41			XA439	41				168	9		TDA4BA TDA4BA	01 02	TDA4BA TDA480	00 01	1 1	TT3 THI	E1 D4	30A 23B	ADD 4		
10610 10611		XA446 XA439	42 46			XA439	46				168	9		TDA480 TDA480	01 02	TDL41A TDA480	01 00	2 1	TQ2 THI	C1 D4	20A 22B	ADD 4		
10612 10613		XA434 XA439	55 45			XA439	45				168	9		TDA5BA TDA5BA	01 02	TDA5BA TDA580	00 01	1 1	TT3 THI	E2 D5	29B 25B	ADD 5		
10614 10615		XA446 XA439	31 43			XA439	43				168	9		TDA580 TDA580	01 02	TDL51A TDA580	01 00	2 1	TQ2 THI	C3 D5	15B 24B	ADD 5		
10616 10617		XA434 XA439	63 47			XA439	47				168	9		TDA6BA TDA6BA	01 02	TDA6BA TDA680	00 01	1 1	TT3 THI	E3 D2	33B 24A	ADD 6		
10618 10619		XA446 XA439	54 49			XA439	49				168	9		TDA680 TDA680	01 02	TDL61A TDA680	01 00	1 1	TQ2 THI	D1 D2	25A 23A	ADD 6		
10620 10621		XA434 XA439	73 51			XA439	51				168	9		TDA7BA TDA7BA	01 02	TDA7BA TDA780	00 01	1 1	TT3 THI	F1 D6	36B 27B	ADD 7		
10622 10623		XA446 XA439	05 53			XA439	53				168	9		TDA780 TDA780	01 02	TDL71A TDA780	01 00	2 1	TQ2 THI	A2 D6	03B 26B	ADD 7		
10624 10625 10626 10627 10628 10629 10630 10631		XA419 XA420 XA420 XA419 XA419 XA416 XA416 XA416 XA419 XA419	06 06 36 36 52 52 52 72 72 72			XA420 XA420 XA419 XA419 XA416 XA416 XA419 XA426	06 36 36 52 52 72 72 72 43				168	9		TDCBAA TDCBAA TDCBAA TDCBAA TDCBAA TDCBAA TDCBAA TDCBAA TDCBAA	01 02 03 04 05 06 07 08	TD00SDX TD24SDX TD28SDX TD04SDX TD08SDX TD16SDX TD20SDX TD12SDX	01 01 01 01 01 01 01 01	1 1 1 1 1 1 1 1	DCF DCF DCF DCF DCF DCF DCF DCF	A1 A1 B1 B1 C1 C1 D1 D1	05A 05A 13A 13A 29A 29A 36A 36A			
												****	SIGNAL	(TDCBAA	S ON THE				NEXT PAGE	****				

DRAWING NUMBER		149019-800		STRING		UNIT ASSEMBLY NO.		149019		REV		G		INDEX		TDCBAA								
UNIT ASSEMBLY NAME		CARD CAGE ASSY, I/O UNIT				FILE IDENT		T39B IUX2		DATE		09-03-82		PAGE		150								
RECORD NUMBER	PREFIX	CONNECTOR	PIN	SH F/C	PREFIX	CONNECTOR	PIN	SH F/C	MULTI GROUP	WIRE CODE	COLOR	IDENT	SPEC INST MISC	SIGNAL	SEC NO	EQUATION	TERM	FACTOR	CKT OR CHIP TYPE	GROUP	LOAD CP POWER PLANE	TEST POINTS AND/OR	SIGNAL DESCRIPTION	ECO NO
10632		XA426	43											TDCBAA	09	TDCBAA	00	1	THI	D5		24B	TD TO MEM BUS ENA	
10633		XA423	57		XA426	45				16B	9			TDCBA0	01	TDCBA0	00	1	TQ2	E3		30B		
10634		XA426	45											TDCBA0	02	TDCBAA	01	1	THI	D5		25B		
10635		XA230	50		XA230	04				16B	9			TDC010	01	TDC17A	01	2	TQ2	D2		23A		
10636		XA230	04		XA247	23				16B	9			TDC010	02	TDC07A	01	1	TQ2	A2		04A		
10637		XA247	23											TDC010	03	TDC010	00	1	TS8	B1		11B	CLOCK CONTROL TD	
10638		XA229	01		XA230	01				16B	9			TDC07A	01	TD01BN	01	1	TDD	BN		02B		
10639		XA230	01		XA229	10				16B	9			TDC07A	02	TDC07A	00	1	TQ2	A2		02B	CLOCK FOR TD BIT	
10640		XA229	10		XA229	14				16B	9			TDC07A	03	TD00BN	01	1	TDD	AN		07A		
10641		XA229	14		XA229	26				16B	9			TDC07A	04	TD03BN	01	1	TDD	DN		09A		
10642		XA229	26		XA229	30				16B	9			TDC07A	05	TD02BN	01	1	TDD	CN		14A		
10643		XA229	30		XA229	42				16B	9			TDC07A	06	TD05BN	01	1	TDD	FN		15A		
10644		XA229	42											TDC07A	07	TD04BN	01	1	TDD	EN		20A		
10645		XA230	46		XA229	46				16B	9			TDC17A	01	TDC17A	00	1	TQ2	D2		21A	CLK FOR TD BITS	
10646		XA229	46		XA229	56				16B	9			TDC17A	02	TD07BN	01	1	TDD	HN		21A		
10647		XA229	56											TDC17A	03	TD06BN	01	1	TDD	GN		26A		
10648		XA217	01		XA217	10				16B	9			TDC41A	01	TD25BN	01	1	TDD	BN		02B		
10649		XA217	10		XA217	14				16B	9			TDC41A	02	TD24BN	01	1	TDD	AN		07A		
10650		XA217	14		XA217	26				16B	9			TDC41A	03	TD27BN	01	1	TDD	DN		09A		
10651		XA217	26		XA217	30				16B	9			TDC41A	04	TD26BN	01	1	TDD	CN		14A		
10652		XA217	30		XA217	42				16B	9			TDC41A	05	TD29BN	01	1	TDD	FN		15A		
10653		XA217	42		XA440	09				16B	9			TDC41A	06	TD28BN	01	1	TDD	EN		20A		
10654		XA440	09											TDC41A	07	TDC41A	00	1	TQ2	A3		04B	CLOCK INPUT TD24	
10655		XA346	73		XA440	03				16B	9			TDC420	01	TDC51A	01	2	TQ2	F2		36B		
10656		XA440	03		XA334	11				16B	9			TDC420	02	TDC41A	01	1	TQ2	A3		02A		
10657		XA334	11											TDC420	03	TDC420	00	1	TS8	A1		05B	CLOCK INPUT TD24	
10658		XA217	46		XA217	56				16B	9			TDC51A	01	TD31BN	01	1	TDD	HN		21A		
10659		XA217	56		XA346	72				16B	9			TDC51A	02	TD30BN	01	1	TDD	GN		26A		
10660		XA346	72											TDC51A	03	TDC51A	00	1	TQ2	F2		34A	CLOCK INPUT TD24	
10661		XA230	42		XA334	23				16B	9			TDC610	01	TDC67A	01	2	TQ2	C1		20A		
10662		XA334	23											TDC610	02	TDC610	00	1	TS8	B1		11B	TD CLOCK CONTROL	
10663		XA334	35		XA231	64				16B	9			TDC620	01	TDC620	00	1	TS8	C1		17B	CLOCK CONT TD BI	
10664		XA231	64											TDC620	02	TDC83A	01	2	TQ2	E2		30A		
10665		XA230	38		XA223	42				16B	9			TDC67A	01	TDC67A	00	1	TQ2	C1		18A	CLOCK FOR TD BIT	
10666		XA223	42		XA223	30				16B	9			TDC67A	02	TD16BN	01	1	TDD	EN		20A		
10667		XA223	30											TDC67A	03	TD17BN	01	1	TDD	FN		15A		
10668		XA334	47		XA230	54				16B	9			TDC820	01	TDC820	00	1	TS8	D1		25B	TD CLOCK CONTROL	
10669		XA230	54		XA230	36				16B	9			TDC820	02	TDC85A	01	1	TQ2	D1		25A		
10670		XA230	36											TDC820	03	TDC84A	01	2	TQ2	C2		17A		

DRAWING NUMBER 149019-800
UNIT ASSEMBLY NAME CARD CAGE ASSY, I/O UNIT

STRING

UNIT ASSEMBLY NO. 149019
FILE IDENT T398IUX2

REV G
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RECORD NUMBER	FROM				TO				WIRE				SIGNAL	SEQ NO	EQUATION	TERM	FACTOR	CKT OR CHIP TYPE	GROUP	LOAD OR POWER PLANE	TEST POINTS AND OR	SIGNAL DESCRIPTION	ECO NO
	PREFIX	CONNECTOR	PIN	WIRE NO	PREFIX	CONNECTOR	PIN	WIRE NO	MULTI GROUP	CODE	COLOR	IDENT											
10671		XA223	79		XA223	72							TDC83A	01	TD22BN	01	1	TDD	LN		39B		
10672		XA223	72		XA223	70							TDC83A	02	TD23BN	01	1	TDD	MN		34A		
10673		XA223	70		XA223	60							TDC83A	03	TD20BN	01	1	TDD	JN		33A		
10674		XA223	60		XA223	56							TDC83A	04	TD21BN	01	1	TDD	KN		28A		
10675		XA223	56		XA223	46							TDC83A	05	TD18BN	01	1	TDD	GN		24A		
10676		XA223	46		XA231	60							TDC83A	06	TD19BN	01	1	TDD	HN		21A		
10677		XA231	60										TDC83A	07	TDC83A	00	1	TQ2	E2		28A		CLOCK FOR TD BIT
10678		XA223	14		XA223	26							TDC84A	01	TD15BN	01	1	TDD	DN		09A		
10679		XA223	26		XA230	30							TDC84A	02	TD14BN	01	1	TDD	CN		14A		
10680		XA230	30										TDC84A	03	TDC84A	00	1	TQ2	C2		15A		CLOCK FOR TD BIT
10681		XA229	79		XA229	72							TDC85A	01	TD10BN	01	1	TDD	LN		39B		
10682		XA229	72		XA229	70							TDC85A	02	TD11BN	01	1	TDD	MN		34A		
10683		XA229	70		XA229	60							TDC85A	03	TD08BN	01	1	TDD	JN		33A		
10684		XA229	60		XA230	52							TDC85A	04	TD09BN	01	1	TDD	KN		28A		
10685		XA230	52		XA223	10							TDC85A	05	TDC85A	00	1	TQ2	D1		24A		CLOCK FOR TD BIT
10686		XA223	10		XA223	01							TDC85A	06	TD12BN	01	1	TDD	AN		07A		
10687		XA223	01										TDC85A	07	TD13BN	01	1	TDD	BN		02B		
10688		XA425	43		XA415	01							TDDISA	01	TFI0S0	01	1	TD4	D2		23B		
10689		XA415	01										TDDISA	02	TDDISA	00	1	TQ2	A2		02B		
10690		XA415	04		XA306	04							TDDISO	01	TDDISA	01	1	TQ2	A2		04A		
10691		XA306	04										TDDISO	02	TDDISO	00	1	TT3	A1		04A		(CPU1+CPU2+IOU)DD
10692		XA112	42		XA142	38							TDEBS0	01	TES5AA	01	2	TQ2	C1		20A		
10693		XA142	38		XA350	35							TDEBS0	02	TDEBS0	00	1	TQ2	C1		18A		DEC + BOOTSTRAP
10694		XA350	35										TDEBS0	03	TLUCAA	01	1	TQ2	C4		17B		
10695		XA122	42		XA141	27							TDECAA	01	TRCPU0	01	3	TT3	C1		20A		
10696		XA141	27		XA142	42							TDECAA	02	TDECAA	00	1	TQ2	B4		13B		DEC COMMAND FROM
10697		XA142	42		XA144	64							TDECAA	03	TDEBS0	01	2	TQ2	C1		20A		
10698		XA144	64										TDECAA	04	TOFRD0	01	4	TD4	E2		30A		
10699		XA142	21		XA141	25							TDECA0	01	TDECA0	00	1	TQ2	B3		10B		DEC COMMAND
10700		XA141	25		XA206	59							TDECA0	02	TDECAA	01	2	TQ2	B4		12B		
10701		XA206	59										TDECA0	03	TDEV3A	01	2	TT3	E3		31B		
10702		XA439	62		XA206	63							TDEV3A	01	RDEV30	01	1	THI	E3		29A		
10703		XA206	63										TDEV3A	02	TDEV3A	00	1	TT3	E3		33B		
10704		XA146	60		XA351	76							TDE0F0	01	TDE0F0	00	1	TQ2	E2		28A		DEV + BTST.S24 +
10705		XA351	76										TDE0F0	02	TPS12A	01	2	TT3	F3		37A		
09075		XA418	36		XA417	72							TDGNDA	005	TMHLC0X	01	1	DCF	B1		13A		D06
10706		XA417	72		XA420	54							TDGNDA	01	TCS3ADX4	01	1	DCF	D1		36A		
10707		XA420	54		XA420	49							TDGNDA	02	TRQ4A0X	01	1	DCF	C6		30A		B02
												****	SIGNAL	(TDGNDA)	IS ON THE	NEXT PAGE	****						

DRAWING NUMBER UNIT ASSEMBLY NAME		149019-800 CARD CAGE ASSY, I/O UNIT										STRING		UNIT ASSEMBLY NO. FILE IDENT		149019 T39BIUX2		REV G DATE		INDEX PAGE		TDGNDA 152		
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	ECC NO	
	PREFIX	CONNECTOR	PIN	WIRE	PREFIX	CONNECTOR	PIN	WIRE	MULTI GROUP	CODE	COLOR	IDENT												
10709		XA420	49		XA420	51					16B	9	TDGNDA	04	TDI3A0X	01	1	DCF	C2		27B			
10710		XA420	51		XA417	52					16B	9	TDGNDA	05	TDI7A0X	01	1	DCF	C4		28B			
10711		XA417	52		XA417	36					16B	9	TDGNDA	06	TDOPAD4	01	1	DCF	C1		29A			
10712		XA417	36		XA416	06					16B	9	TDGNDA	07	TD04AD4	01	1	DCF	B1		13A			
10713		XA416	06		XA417	06					16B	9	TDGNDA	08	TC57AD4	01	1	DCF	A1		05A			
10714		XA417	06		XA428	13					16B	9	TDGNDA	09	TD00AD4	01	1	DCF	A1		05A			
10715		XA428	13										TDGNDA	10	TDGNDA	00	1	THI	A1		06A			
10716		XA124	48		XA145	73					16B	9	TDIGBR	01	TDIG6A	01	1	TQ2	D2		22A			
10717		XA145	73		XA144	78					16B	9	TDIGBR	02	TDIGBR	00	1	TT3	F1		36B			
10718		XA144	78										TDIGBR	03	TDIGBS	01	3	TD4	F1		38A			
10719		XA145	75		XA144	76					16B	9	TDIGBS	01	TDIGBR	01	1	TT3	F1		37B			
10720		XA144	76		XA127	19					16B	9	TDIGBS	02	TDIGBS	00	1	TD4	F1		37A			
10721		XA127	19										TDIGBS	03	JDIG504	01	2	TLD	B3		09B			
10722		XA124	46		XA125	79					16B	9	TDIG6A	01	TDIG6A	00	1	TQ2	D2		21A		MEMORY CYCLE OKA	
10723		XA125	79										TDIG6A	02	TDIG60	01	1	THI	F1		39B			
10724		XA127	20		XA125	80					16B	9	TDIG60	01	JDIG604	01	2	TLD	B2		11A			
10725		XA125	80										TDIG60	02	TDIG60	00	1	THI	F1		38B		MEM CYCLE OKAY	
10726		XA116	72		XA339	27					16B	9	TDIPAA	01	TDIPAA	00	1	TQ2	F2		34A		INPUT PARITY LIN	
10727		XA339	27										TDIPAA	02	TE0PBQ	01	1	TDD	CQ		13B			
10728		XA303	04		XA418	05			AL	1EB	0		TDIPADG4	01				EXT						
10729		XA418	05										TDIPADG4	02				DCF						
10730		XA430	42		XA418	07			AL	1EB	9		TDIPADX4	01										
10731		XA418	07		XA303	03			AL	1EB	9		TDIPADX4	02	TDIPADX400	1		RR4	D1		02B		EXT DATA INPUT RE	
10732		XA303	03										TDIPADX4	03				EXT						
10733		XA439	38		XA434	20					16B	9	TDIPAO	01	TDIPBA	01	1	THI	C1		20A			
10734		XA434	20		XA116	71					16B	9	TDIPAO	02	TDIPAO	00	1	TT3	B1		11A		PARITY LINE	
10735		XA116	71										TDIPAO	03	TDIPAA	01	1	TQ2	F2		36A			
10736		XA426	11		XA418	09					16B	9	TDIPA0X	01	TDIPXA	01	1	THI	A1		07A			
10737		XA418	09										TDIPA0X	02	TDIPA0X	00	1	DCF	A2		03B			
10738		XA439	40		XA304	08					16B	9	TDIPBA	01	TDIPBA	00	1	THI	C1		19A		(COMMAND + ENABL	
10739		XA304	08										TDIPBA	02	TINFIO	01	1	TQ2	A1		06A		PARITY BIT INPUT	
10740		XA434	24		XA430	08					16B	9	TDIPBB4	01	TDIPAO	01	2	TT3	B1		13A			
10741		XA430	08		XA521	46					16B	9	TDIPBB4	02				RR4	A1					
10742		XA521	46		XA527	46					16B	9	P	XAOPAD4	03	TDIPBB4	01	1	DCF	C1	25B		IOC INPUT PARITY B	
10743		XA527	46		XA534	46					16B	9	P	XBOPAD4	04	TDIPBB4	02	1	DCF	C1	25B		IOC INPUT DATA LIN	
10744		XA534	46		XA540	46					16B	9	P	XCOPAD4	05	TDIPBB4	03	1	DCF	C1	25B		IOC INPUT DATA LIN	
10745		XA540	46		XA547	46					16B	9	P	XDOPAD4	06	TDIPBB4	04	1	DCF	C1	25B		IOC INPUT DATA LIN	
10746		XA547	46										P	XEOPAD4	07	TDIPBB4	05	1	DCF	C1	25B		IOC INPUT DATA LIN	
													****	SIGNAL	(TDIPXA)	IS ON THE	NEXT PAGE	****					

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DRAWING NUMBER		149019-800										STRING		UNIT ASSEMBLY NO.		149019		REV G		INDEX		TDIPXA		
UNIT ASSEMBLY NAME		CARD CAGE ASSY, I/O UNIT										FILE IDENT		T39BIUX2		DATE		09-03-82		PAGE		153		
RECORD NUMBER	FROM			TO			WIPE			MULTI GROUP	CODE	COLOR	IDENT	SIGNAL	SEQ NO	EQUATION	TERM	FACT	CKT OR CHIP TYPE	GROUP	LOAD OR POWER PLANE	TEST POINTS AND/OR	SIGNAL DESCRIPTION	SCD NO
	PREFIX	CONNECTOR	PIN	PREFIX	CONNECTOR	PIN	GROUP	GROUP	GROUP															
10747		XA434	22		XA426	13					16B	9	TDIPXA	01	TDIPAO	01	1	TT3	B1		12A	PARITY BIT INPUT		
10748		XA426	13										TDIPXA	02	TDIPXA	00	1	THI	A1		06A			
10749		XA444	14		XA439	57					16B	9	TDIOAA	01	TINF10	01	1	TS8	B1		09A	BIT 4 INPUT BUS		
10750		XA439	57										TDIOAA	02	TDIOAA	00	1	THI	E5		30B			
10751		XA418	19		XA303	06		AM	IEB	0			TDIOADG4	01				DCF						
10752		XA303	06										TDIOADG4	02				EXT						
10753		XA430	46		XA418	17					16B	9	TDIOADX4	01				RR4	D2					
10754		XA418	17		XA303	05		AM	IEB	9			TDIOADX4	02	TDIOADX400	1		DCF	A3		07B			
10755		XA303	05										TDIOADX4	03				EXT						
10756		XA439	59		XA431	62					16B	9	TDIOAO	01	TDIOAO	01	1	THI	E5		31B			
10757		XA431	62		XA425	11					16B	9	TDIOAO	02	TRDA0A	01	1	TQ2	E2		29A			
10758		XA425	11		XA109	23					16B	9	TDIOAO	03	TDIOAO	00	1	TD4	A1		05B	INF LINE 0		
10759		XA109	23										TDIOAO	04	TED0AA	01	1	TQ2	B4		11B			
10760		XA418	15		XA426	06					16B	9	TDIOAOX	01	TDIOAOX	00	1	DCF	A4		06B	EXT DATA INPUT RE		
10761		XA426	06										TDIOAOX	02	TDIOXA	01	1	THI	A2		05A			
10762		XA430	10		XA425	08					16B	9	TDIOBB4	01				RR4	A2				IOC INPUT DATA BUS	
10763		XA425	08		XA521	07					16B	9	TDIOBB4	02	TDIOAO	01	2	TD4	A1		06A			
10764		XA521	07		XA522	07					16B	9	XA00BDX	03	TDIOBB4	02	1	DCF	A1		02B	DEV REQ 0 TO IOC		
10765		XA522	07		XA527	07					16B	9	XA00ADX	04	TDIOBB4	01	1	DCF	A1		02B	IOC INPUT DATA LIN		
10766		XA527	07		XA528	07					16B	9	XB00BDX	05	TDIOBB4	04	1	DCF	A1		02B	DEV REQ 0 TO IOC		
10767		XA528	07		XA534	07					16B	9	XC00ADX	06	TDIOBB4	03	1	DCF	A1		02B	IOC INPUT DATA LIN		
10768		XA534	07		XA535	07					16B	9	XC00BDX	07	TDIOBB4	06	1	DCF	A1		02B	DEV REQ 0 TO IOC		
10769		XA535	07		XA540	07					16B	9	XC00ADX	08	TDIOBB4	05	1	DCF	A1		02B	IOC INPUT DATA LIN		
10770		XA540	07		XA541	07					16B	9	X000BDX	09	TDIOBB4	08	1	DCF	A1		02B	DEV REQ 0 TO IOC		
10771		XA541	07		XA547	07					16B	9	X000ADX	10	TDIOBB4	07	1	DCF	A1		02B	IOC INPUT DATA LIN		
10772		XA547	07		XA548	07					16B	9	XE00BDX	11	TDIOBB4	10	1	DCF	A1		02B	DEV REQ 0 TO IOC		
10773		XA548	07										XE00ADX	12	TDIOBB4	09	1	DCF	A1		02B	IOC INPUT DATA LIN		
10774		XA425	06		XA426	08					16B	9	TDIOXA	01	TDIOAO	01	1	TD4	A1		05A	BIT 0 INPUT BUS		
10775		XA426	08										TDIOXA	02	TDIOXA	00	1	THI	A2		04A			
07930		XA406	43		XA444	18					16B	9	TDI1AA	01	TDI1AA	00	1	THI	D5		24B		C10	
10777		XA444	18										TDI1AA	02	TINF10	01	2	TS8	B1		10A	BIT 2 INPUT BUS		
10778		XA303	08		XA418	16		AN	IEB	0			TDI1ADG4	01				EXT						
10779		XA418	16										TDI1ADG4	02				DCF						
10780		XA430	35		XA418	14					16B	9	TDI1ADX4	01				RR4	D3					
10781		XA418	14		XA303	07		AN	IEB	9			TDI1ADX4	02	TDI1ADX400	1		DCF	A5		08B			
10782		XA303	07										TDI1ADX4	03				EXT						
10784		XA431	55		XA425	09					16B	9	TDI1AO	02	TRDA1A	01	2	TQ2	E3		29B			
10785		XA425	09		XA406	45					16B	9	TDI1AO	03	TDI1AO	00	1	TD4	A2		04B	INF LINE 1	C10	
05847		XA406	45		XA109	40					16B	9	TDI1AO	031	TDI1AA	01	1	THI	D5		25B		C10	
											****	SIGNAL	TDI1AO		IS ON THE								NEXT PAGE	****

DRAWING NUMBER UNIT ASSEMBLY NAME		149019-800 CARD CAGE ASSY, I/O UNIT		STRING		UNIT ASSEMBLY NO. FILE IDENT		149019 T398IUX2		REV DATE		INDEX PAGE		TD11A0 154								
RECORD NUMBER	FROM			TO			WIRE			SFC INST IN USE	SIGNAL	SEC NO	EQUATION	TERM	FACTORY	CKT OR CHIP TYPE	GROUP	LOAD CP POWER PLANE	TEST POINTS AND/OR	SIGNAL DESCRIPTION	ECO NO	
	PREFIX	CONNECTOR	PIN	PREFIX	CONNECTOR	PIN	MULTI GROUP	CODE	COLOR													IDENT
10786		XA109	40								TD11A0	04	TED1AA	01	1	TQ2	C1		19A			
10787		XA418	10		XA426	04		16B	9		TD11A0X	01	TD11A0X	00	1	DCF	A6		07A	EXT DATA INPUT RE		
10788		XA426	04								TD11A0X	02	TD11XA	01	1	THI	A3		02A			
10789		XA548	17		XA547	17		16B	9	P	XE01ADX	01	TD11BB4	09	1	DCF	A3		07B	IOC INPUT DATA LIN		
10790		XA547	17		XA541	17		16B	9	P	XE01BDX	02	TD11BB4	10	1	DCF	A3		07B	DEV REQ 1 TO IOC		
10791		XA541	17		XA540	17		16B	9	P	XD01ADX	03	TD11BB4	07	1	DCF	A3		07B	IOC INPUT DATA LIN		
10792		XA540	17		XA535	17		16B	9	P	XD01BDX	04	TD11BB4	08	1	DCF	A3		07B	DEV REQ 1 TO IOC		
10793		XA535	17		XA534	17		16B	9	P	XC01ADX	05	TD11BB4	05	1	DCF	A3		07B	IOC INPUT DATA LIN		
10794		XA534	17		XA528	17		16B	9	P	XC01BDX	06	TD11BB4	06	1	DCF	A3		07B	DEV REQ 1 TO IOC		
10795		XA528	17		XA527	17		16B	9	P	XB01ADX	07	TD11BB4	03	1	DCF	A3		07B	IOC INPUT DATA LIN		
10796		XA527	17		XA522	17		16B	9	P	XB01BDX	08	TD11BB4	04	1	DCF	A3		07B	DEV REQ 1 TO IOC		
10797		XA522	17		XA521	17		16B	9	P	XA01ADX	09	TD11BB4	01	1	DCF	A3		07B	IOC INPUT DATA LIN		
10798		XA521	17		XA425	04		16B	9	P	XA01BDX	10	TD11BB4	02	1	DCF	A3		07B	DEV REQ 1 TO IOC		
10799		XA425	04		XA430	05		16B	9		TD11BB4	11	TD11A0	01	2	TD4	A2		04A	BIT 1 INPUT BUS		
10800		XA430	05								TD11BB4	12				RR4	A3			IOC INPUT DATA BUS		
10801		XA425	01		XA426	03		16B	9		TD11XA	01	TD11A0	01	1	TD4	A2		02B			
10802		XA426	03								TD11XA	02	TD11XA	00	1	THI	A3		03A			
10803		XA439	68		XA444	19		16B	9		TD12AA	01	TD12AA	00	1	THI	E6		32B			
10804		XA444	19								TD12AA	02	TINF10	01	3	TS8	B1		09B	BIT 7 INPUT BUS		
10805		XA416	42		XA303	10		AP	1EB	0	TD12ADG4	01				DCF			20B			
10806		XA303	10								TD12ADG4	02				EXT						
10807		XA430	37		XA416	41		16B	9		TD12ADX4	01				RR4	D4					
10808		XA416	41		XA303	09		AP	1EB	9	TD12ADX4	02	TD12ADX4	00	1	DCF	B5		16A			
10809		XA303	09								TD12ADX4	03				EXT						
09276		XA138	35		XA439	65		16B	9		TD12A0	00	TED2AA	01	1	TQ2	C4		17B		G01	
10810		XA439	65		XA431	59		16B	9		TD12A0	01	TD12AA	01	1	THI	E6		33B			
10811		XA431	59		XA424	11		16B	9		TD12A0	02	TR0A2A	01	1	TQ2	E4		31B			
10812		XA424	11								TD12A0	03	TD12A0	00	1	TS8	A1		05B	INF LINE 2 + CCCG01		
10814		XA416	40		XA426	05		16B	9		TD12A0X	01	TD12A0X	00	1	DCF	B6		15A	EXT DATA INPUT RE		
10815		XA426	05								TD12A0X	02	TD12XA	01	1	THI	A4		03B			
10816		XA548	14		XA547	14		16B	9	P	XE02ADX	01	TD12BB4	09	1	DCF	A5		08B	IOC INPUT DATA LIN		
10817		XA547	14		XA541	14		16B	9	P	XE02BDX	02	TD12BB4	10	1	DCF	A5		08B	DEV REQ 2 TO IOC		
10818		XA541	14		XA540	14		16B	9	P	XD02ADX	03	TD12BB4	07	1	DCF	A5		08B	IOC INPUT DATA LIN		
10819		XA540	14		XA535	14		16B	9	P	XD02BDX	04	TD12BB4	08	1	DCF	A5		08B	DEV REQ 2 TO IOC		
10820		XA535	14		XA534	14		16B	9	P	XC02ADX	05	TD12BB4	05	1	DCF	A5		08B	IOC INPUT DATA LIN		
10821		XA534	14		XA528	14		16B	9	P	XC02BDX	06	TD12BB4	06	1	DCF	A5		08B	DEV REQ 2 TO IOC		
10822		XA528	14		XA527	14		16B	9	P	XB02ADX	07	TD12BB4	03	1	DCF	A5		08B	IOC INPUT DATA LIN		
10823		XA527	14		XA522	14		16B	9	P	XB02BDX	08	TD12BB4	04	1	DCF	A5		08B	DEV REQ 2 TO IOC		
10824		XA522	14		XA521	14		16B	9	P	XA02ADX	09	TD12BB4	01	1	DCF	A5		08B	IOC INPUT DATA LIN		
10825		XA521	14		XA424	04		16B	9	P	XA02BDX	10	TD12BB4	02	1	DCF	A5		08B	DEV REQ 2 TO IOC		
10826		XA424	04		XA430	07		16B	9		TD12BB4	11	TD12A0	01	2	TS8	A1		04A	BIT 2 INPUT BUS		
											****	SIGNAL	(TD12BB4)	IS ON THE NEXT PAGE			****					

DRAWING NUMBER 149019-800
 UNIT ASSEMBLY NAME CARD CAGE ASSY, I/O UNIT

STRING

UNIT ASSEMBLY NO. 149019
 FILE IDENT T398IUX2

REV G INDEX TDI28B4
 DATE 09-03-82 PAGE 155

RECORD NUMBER	FROM			TO			WIRE				SIGNAL	SQ NO	EQUATION	TERM	FACTOR	CKT OR CHIP TYPE	GROUP	LOAD OR POWER PLANE	TEST POINTS AND/OR	SIGNAL DESCRIPTION	ECO NO
	PREFIX	CONNECTOR	PIN	PREFIX	CONNECTOR	PIN	SH FE	MULTI GROUP	CODE	COLOR											
10827		XA430	07									TDI28B4	12			RR4	A4			IOC INPUT DATA BUS	
10828		XA426	01		XA424	01			16B	9		TDI2XA	01	TDI2XA	00	1	THI	A4	02B		
10829		XA424	01									TDI2XA	02	TDI2A0	01	1	TS8	A1	02B		
10830		XA406	63		XA444	20			16B	9		TDI3AA	01	TDI3AA	00	1	THI	E2	30A		
10831		XA444	20									TDI3AA	02	TINF10	01	4	TS8	B1	11A		BIT 5 INPUT BUS
10832		XA303	14		XA420	45			AQ	1EB	0	TDI3ADG4	01				EXT				
10833		XA420	45									TDI3ADG4	02				DCF		27A		
10834		XA430	39		XA420	46			16B	9		TDI3ADX4	01				RR4	D5			
10835		XA420	46		XA303	13			AQ	1EB	9	TDI3ADX4	02	TDI3ADX400	1	1	DCF	C1	25B		
10836		XA303	13									TDI3ADX4	03				EXT				
10837		XA431	79		XA424	23			16B	9		TDI3A0	01	TRDA3A	01	2	TQ2	F1	39B		
10838		XA424	23		XA406	61			16B	9		TDI3A0	02	TDI3A0	00	1	TS8	B1	11B		INF LINE 3 + RTC
10839		XA406	61		XA109	31			16B	9		TDI3A0	03	TDI3AA	01	1	THI	E2	31A		
10840		XA109	31									TDI3A0	04	TE03AA	01	2	TQ2	C3	15B		
10841		XA426	09		XA420	47			16B	9		TDI3A0X	01	TDI3XA	01	1	THI	A5	05B		
10842		XA420	47									TDI3A0X	02	TDI3A0X	00	1	DCF	C2	26B		EXT DATA INPUT RE
10843		XA548	01		XA547	01			16B	9	P	XE03ADX	01	TDI38B4	09	1	DCF	A7	02A		IOC INPUT DATA LIN
10844		XA547	01		XA541	01			16B	9	P	XE03BDX	02	TDI38B4	10	1	DCF	A7	02A		DEV REQ 3 TO IOC
10845		XA541	01		XA540	01			16B	9	P	X003ADX	03	TDI38B4	07	1	DCF	A7	02A		IOC INPUT DATA LIN
10846		XA540	01		XA535	01			16B	9	P	X003BDX	04	TDI38B4	08	1	DCF	A7	02A		DEV REQ 3 TO IOC
10847		XA535	01		XA534	01			16B	9	P	XC03ADX	05	TDI38B4	05	1	DCF	A7	02A		IOC INPUT DATA LIN
10848		XA534	01		XA528	01			16B	9	P	XC03BDX	06	TDI38B4	06	1	DCF	A7	02A		DEV REQ 3 TO IOC
10849		XA528	01		XA527	01			16B	9	P	XB03ADX	07	TDI38B4	03	1	DCF	A7	02A		IOC INPUT DATA LIN
10850		XA527	01		XA522	01			16B	9	P	XB03BDX	08	TDI38B4	04	1	DCF	A7	02A		DEV REQ 3 TO IOC
10851		XA522	01		XA521	01			16B	9	P	XA03ADX	09	TDI38B4	01	1	DCF	A7	02A		IOC INPUT DATA LIN
10852		XA521	01		XA424	18			16B	9	P	XA03BDX	10	TDI38B4	02	1	DCF	A7	02A		DEV REQ 3 TO IOC
10853		XA424	18		XA430	09			16B	9		TDI38B4	11	TDI3A0	01	2	TS8	B1	10A		
10854		XA430	09									TDI38B4	12				RR4	A5			IOC INPUT DATA BUS
10855		XA426	07		XA424	14			16B	9		TDI3XA	01	TDI3XA	00	1	THI	A5	04B		
10856		XA424	14									TDI3XA	02	TDI3A0	01	1	TS8	B1	09A		BIT 3 INPUT BUS
10857		XA406	68		XA444	22			16B	9		TDI4AA	01	TDI4AA	00	1	THI	E6	32B		
10858		XA444	22									TDI4AA	02	TINF10	01	5	TS8	B1	12A		BIT 6 INPUT BUS
10859		XA418	39		XA303	18			AR	1EB	0	TDI4ADG4	01				DCF				
10860		XA303	18									TDI4ADG4	02				EXT				
10861		XA430	52		XA418	37			16B	9		TDI4ADX4	01				RR4	E1			
10862		XA418	37		XA303	17			AR	1EB	9	TDI4ADX4	02	TDI4ADX400	1	1	DCF	B3	15B		
10863		XA303	17									TDI4ADX4	03				EXT				
10864		XA431	71		XA424	35			16B	9		TDI4A0	01	TRDA4A	01	1	TQ2	F2	36A		
									****	SIGNAL		TDI4A0									IS ON THE NEXT PAGE ****

DRAWING NUMBER		149019-800										STRING		UNIT ASSEMBLY NO.		149019		REV		G		INDEX		TDI4AL	
UNIT ASSEMBLY NAME		CARD CAGE ASSY, I/O UNIT										FILE IDENT		T39B IUX2		DATE		09-03-82		PAGE		156			
RECORD NUMBER	FROM				TO				WIRE				SIGNAL	SEQ NO	EQUATION	T TERM	F 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	SH TO	MULTI GROUP	CODE	COLOR	IDENT													
10865		XA424	35		XA406	65				16B	9		TDI4A0	02	TDI4A0	00	1	TS8	C1		17B	INF LINE 4 + RTC			
10866		XA406	65		XA109	37				16B	9		TDI4A0	03	TDI4AA	01	1	THI	E6		33B				
10867		XA109	37										TDI4A0	04	TED4AA	01	2	TQ2	C4		18B				
10868		XA418	35		XA426	15				16B	9		TDI4A0X	01	TDI4A0X	00	1	DCF	B4		14B	EXT DATA INPUT RE			
10869		XA426	15										TDI4A0X	02	TDI4XA	01	1	THI	A6		07B				
10870		XA430	20		XA424	31				16B	9		TDI4BB4	01				RR4	B1			IOC INPUT DATA BUS			
10871		XA424	31		XA522	27				16B	9		TDI4BB4	02	TDI4A0	01	2	TS8	C1		15B				
10872		XA522	27		XA521	27				16B	9	P	XA04ADX	03	TDI4BB4	01	1	DCF	B1		10B	IOC INPUT DATA LIN			
10873		XA521	27		XA527	27				16B	9	P	XA04BDX	04	TDI4BB4	02	1	DCF	B1		10B	DEV REQ 4 TO IOC			
10874		XA527	27		XA528	27				16B	9	P	XB04BDX	05	TDI4BB4	04	1	DCF	B1		10B	DEV REQ 4 TO IOC			
10875		XA528	27		XA534	27				16B	9	P	XB04ADX	06	TDI4BB4	03	1	DCF	B1		10B	IOC INPUT DATA LIN			
10876		XA534	27		XA535	27				16B	9	P	XC04BDX	07	TDI4BB4	06	1	DCF	B1		10B	DEV REQ 4 TO IOC			
10877		XA535	27		XA540	27				16B	9	P	XC04ADX	08	TDI4BB4	05	1	DCF	B1		10B	IOC INPUT DATA LIN			
10878		XA540	27		XA541	27				16B	9	P	XD04BDX	09	TDI4BB4	08	1	DCF	B1		10B	DEV REQ 4 TO IOC			
10879		XA541	27		XA547	27				16B	9	P	XD04ADX	10	TDI4BB4	07	1	DCF	B1		10B	IOC INPUT DATA LIN			
10880		XA547	27		XA548	27				16B	9	P	XE04BDX	11	TDI4BB4	10	1	DCF	B1		10B	DEV REQ 4 TO IOC			
10881		XA548	27									P	XE04ADX	12	TDI4BB4	09	1	DCF	B1		10B	IOC INPUT DATA LIN			
10882		XA426	10		XA424	30				16B	9		TDI4XA	01	TDI4XA	00	1	THI	A6		06B	BIT 4 INPUT BUS			
10883		XA424	30										TDI4XA	02	TDI4A0	01	1	TS8	C1		15A				
10884		XA406	70		XA444	24				16B	9		TDI5AA	01	TDI5AA	00	1	THI	F3		34B				
10885		XA444	24										TDI5AA	02	TINF10	01	6	TS8	B1		13A	BIT 1 INPUT BUS			
10886		XA303	20		XA418	42		AS	1EB	0			TDI5ADG4	01				EXT	DCF		20B				
10887		XA418	42										TDI5ADG4	02											
10888		XA430	48		XA418	41				16B	9		TDI5ADX4	01				RR4	E2						
10889		XA418	41		XA303	19		AS	1EB	9			TDI5ADX4	02	TDI5A0X4	00	1	DCF	B5		16A				
10890		XA303	19										TDI5ADX4	03				EXT							
10891		XA431	74		XA424	47				16B	9		TDI5A0	01	TRDA5A	01	2	TQ2	F3		35B				
10892		XA424	47		XA406	69				16B	9		TDI5A0	02	TDI5A0	00	1	TS8	D1		25B	INF LINE 5 + RTC			
10893		XA406	69		XA109	49				16B	9		TDI5A0	03	TDI5AA	01	1	THI	F3		35B				
10894		XA109	49										TDI5A0	04	TED5AA	01	2	TQ2	D4		26B				
10895		XA418	40		XA426	22				16B	9		TDI5A0X	01	TDI5A0X	00	1	DCF	B6		15A	EXT DATA INPUT RE			
10896		XA426	22										TDI5A0X	02	TDI5XA	01	1	THI	B1		14A				
10897		XA548	37		XA547	37				16B	9	P	XE05ADX	01	TDI5BB4	09	1	DCF	B3		15B	IOC INPUT DATA LIN			
10898		XA547	37		XA541	37				16B	9	P	XE05BDX	02	TDI5BB4	10	1	DCF	B3		15B	DEV REQ 5 TO IOC			
10899		XA541	37		XA540	37				16B	9	P	XD05ADX	03	TDI5BB4	07	1	DCF	B3		15B	IOC INPUT DATA LIN			
10900		XA540	37		XA535	37				16B	9	P	XD05BDX	04	TDI5BB4	08	1	DCF	B3		15B	DEV REQ 5 TO IOC			
10901		XA535	37		XA534	37				16B	9	P	XC05ADX	05	TDI5BB4	05	1	DCF	B3		15B	IOC INPUT DATA LIN			
10902		XA534	37		XA528	37				16B	9	P	XC05BDX	06	TDI5BB4	06	1	DCF	B3		15B	DEV REQ 5 TO IOC			
10903		XA528	37		XA527	37				16B	9	P	XB05ADX	07	TDI5BB4	03	1	DCF	B3		15B	IOC INPUT DATA LIN			
10904		XA527	37		XA522	37				16B	9	P	XB05BDX	08	TDI5BB4	04	1	DCF	B3		15B	DEV REQ 5 TO IOC			
10905		XA522	37		XA521	37				16B	9	P	XA05ADX	09	TDI5BB4	01	1	DCF	B3		15B	IOC INPUT DATA LIN			
												****	SIGNAL	TDI5BB4	IS ON THE NEXT PAGE				****						

DRAWING NUMBER 149019-800
 UNIT ASSEMBLY NAME CARD CAGE ASSY,I/O UNIT

STRING

UNIT ASSEMBLY NO. 149019
 FILE IDENT T39BIUX2

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 DATE 09-03-82 PAGE 157

RECORD NUMBER	FROM			TO			WIRE				SIGNAL	SEC NO	EQUATION	TERM	FACTOR	CKT OR CHIP TYPE	GROUP	LOAD OR POWER PLANE	TEST POINTS AND/OR	SIGNAL DESCRIPTION	ECO NO
	PREFIX	CONNECTOR	PIN	PREFIX	CONNECTOR	PIN	SIZE	MULTI GROUP	CODE	COLOR											
10906		XA521	37		XA424	46			16B	9									15B	DEV REQ 5 TO IOC	
10907		XA424	46		XA430	26			16B	9									21A	BIT 5 INPUT BUS	
10908		XA430	26																		
10909		XA426	24		XA424	43			16B	9											
10910		XA424	43																		
10911		XA406	72		XA444	25			16B	9											
10912		XA444	25																		
10913		XA303	22		XA418	21		AT	1EB	0											
10914		XA418	21																		
10915		XA430	47		XA418	23			16B	9											
10916		XA418	23		XA303	21		AT	1EB	9											
10917		XA303	21																		
10918		XA425	23		XA431	78			16B	9											
10919		XA431	78		XA406	74			16B	9											
10920		XA406	74		XA109	61			16B	9											
10921		XA109	61																		
10922		XA418	30		XA426	23			16B	9											
10923		XA426	23																		
10924		XA430	24		XA425	24			16B	9											
10925		XA425	24		XA521	41			16B	9											
10926		XA521	41		XA522	41			16B	9											
10927		XA522	41		XA527	41			16B	9											
10928		XA527	41		XA528	41			16B	9											
10929		XA528	41		XA534	41			16B	9											
10930		XA534	41		XA535	41			16B	9											
10931		XA535	41		XA540	41			16B	9											
10932		XA540	41		XA541	41			16B	9											
10933		XA541	41		XA547	41			16B	9											
10934		XA547	41		XA548	41			16B	9											
10935		XA548	41																		
10936		XA425	22		XA426	25			16B	9											
10937		XA426	25																		
10938		XA406	77		XA444	26			16B	9											
10939		XA444	26																		
10940		XA303	24		XA420	53		AU	1EB	0											
10941		XA420	53																		
10942		XA430	45		XA420	55			16B	9											
10943		XA420	55		XA303	23		AU	1EB	9											
10944		XA303	23																		

DRAWING NUMBER		149019-800		STRING		UNIT ASSEMBLY NO.		149019		REV		G		INDEX		TDI7ADX4									
UNIT ASSEMBLY NAME		CARD CAGE ASSY, I/O UNIT		FILE IDENT		T39B1UX2		DATE		09-03-82		PAGE		158											
RECORD NUMBER	FROM				TO				WIRE				SIGNAL	SEC NO	EQUATION	TERM	FACTOR	CKT OR CHIP TYPE	GROUP	LOAD CP POWER PLANE	TEST POINTS AND/OR	SIGNAL DESCRIPTION	ECO NO		
	PREFIX	CONNECTOR	PIN	SH FE	PREFIX	CONNECTOR	PIN	SH FE	MULTI GROUP	CODE	COLOR	IDENT												SPEC INST MISC	
10945		XA438	68		XA425	21				16B	9			TDI7A0	01	TRDA7A	01	1	TQ2	E1		32A			
10946		XA425	21		XA406	75				16B	9			TDI7A0	02	TDI7A0	00	1	TD4	B2		10B		INF LINE 7	
10947		XA406	75		XA208	13				16B	9			TDI7A0	03	TDI7AA	01	1	THI	F6		39A			
10948		XA208	13											TDI7A0	04	TED7AA	01	2	TQ2	A4		06B			
10949		XA420	56		XA426	20				16B	9			TDI7A0X	01	TDI7A0X	00	1	DCF	C4		29B		EXT DATA INPUT RE	
10950		XA426	20											TDI7A0X	02	TDI7XA	01	1	THI	B3		10A			
10951		XA548	23		XA547	23				16B	9		P	XE07ADX	01	TDI78B4	09	1	DCF	B7		10A		IOC INPUT DATA LIN	
10952		XA547	23		XA541	23				16B	9		P	XE07BDX	02	TDI78B4	10	1	DCF	B7		10A		DEV REQ 7 TO IOC	
10953		XA541	23		XA540	23				16B	9		P	XD07ADX	03	TDI78B4	07	1	DCF	B7		10A		IOC INPUT DATA LIN	
10954		XA540	23		XA535	23				16B	9		P	XD07BDX	04	TDI78B4	08	1	DCF	B7		10A		DEV REQ 7 TO IOC	
10955		XA535	23		XA534	23				16B	9		P	XC07ADX	05	TDI78B4	05	1	DCF	B7		10A		IOC INPUT DATA LIN	
10956		XA534	23		XA528	23				16B	9		P	XC07BDX	06	TDI78B4	06	1	DCF	B7		10A		DEV REQ 7 TO IOC	
10957		XA528	23		XA527	23				16B	9		P	XB07ADX	07	TDI78B4	03	1	DCF	B7		10A		IOC INPUT DATA LIN	
10958		XA527	23		XA522	23				16B	9		P	XB07BDX	08	TDI78B4	04	1	DCF	B7		10A		DEV REQ 7 TO IOC	
10959		XA522	23		XA521	23				16B	9		P	XA07ADX	09	TDI78B4	01	1	DCF	B7		10A		IOC INPUT DATA LIN	
10960		XA521	23		XA425	18				16B	9		P	XA07BDX	10	TDI78B4	02	1	DCF	B7		10A		DEV REQ 7 TO IOC	
10961		XA425	18		XA430	17				16B	9			TDI78B4	11	TDI7A0	01	2	TD4	B2		10A			
10962		XA430	17											TDI78B4	12				RR4	B4				IOC INPUT DATA BUS	
10963		XA426	18		XA425	14				16B	9			TDI7XA	01	TDI7XA	00	1	THI	B3		09A			
10964		XA425	14											TDI7XA	02	TDI7A0	01	1	TD4	B2		09A		BIT 7 INPUT BUS	
10965		XA345	68		XA122	73				16B	9			TDLI1A	01	TS031A	01	3	TD4	E1		32A			
10966		XA122	73											TDLI1A	02	TDLI1A	00	1	TT3	F1		36B		DIGNOSTIC FAIL IN	
10967		XA122	80		XA345	66				16B	9			TDLI2A	01	TDLI2A	00	1	TT3	F3		39A		DIGNOSTIC FAIL IN	
10968		XA345	66											TDLI2A	02	TS031A	01	2	TD4	E1		31A			
10969		XA142	69		XA349	10				16B	9			TDLI3A	01	TDLI3A	00	1	TQ2	F3		35A		DIGNOSTIC FAIL I	
10970		XA349	10											TDLI3A	02	TS131A	01	3	TD4	A1		07A			
10971		XA349	08		XA142	80				16B	9			TDLI4A	01	TS131A	01	2	TD4	A1		06A			
10972		XA142	80											TDLI4A	02	TDLI4A	00	1	TQ2	F4		39A		DIGNOSTIC FAIL I	
10973		XA432	77		XA108	04				18B	9			TDLI5A	01	TIL0BS	01	6	TS8	F1		38B		B01	
10974		XA108	04											TDLI5A	02	TDLI5A	00	1	TT3	A1		04A		DIGNOSTIC FAIL I	
10975		XA428	04		XA208	01				16B	9			TDLPA0	01	TDLPA0	01	1	THI	A3		02A			
10976		XA208	01											TDLPA0	02	TDLPA0	00	1	TQ2	A2		02B		PARITY TO PARITY	
10977		XA428	03		XA417	49				16B	9			TDLPA0	01	TDLPA0	00	1	THI	A3		03A			
10978		XA417	49		XA512	41				16B	9			TDLPA0	02	TDOPA0X	01	1	DCF	C2		27B			
10979		XA512	41		XA520	49				16B	9			TDLPA0	03	XIOPDHX	01	1	ACF	B2		22A			
10980		XA520	49		XA526	49				16B	9			TDLPA0	04	XAOPCOX	01	1	DCF	C2		27B			
10981		XA526	49		XA533	49				16B	9			TDLPA0	05	XBOPCOX	01	1	DCF	C2		27B			
10982		XA533	49		XA539	49				16B	9			TDLPA0	06	XCOPCOX	01	1	DCF	C2		27B			
														****	SIGNAL	(TDLPA0			IS ON THE	NEXT PAGE	****				

DRAWING NUMBER		149019-800		STRING		UNIT ASSEMBLY NO.		149019		REV		G		INDEX		TDLPA0					
UNIT ASSEMBLY NAME		CARD CAGE ASSY, I/O UNIT		FILE IDENT		T398IUX2		DATE		09-03-82		PAGE		159							
RECORD NUMBER	PRFX	CONECTOR	PIN	SH PG	PRFX	CONECTOR	PIN	MULTI GROUP	WIRE CODE	WIRE COLOR	IDENT	SIGNAL	SIG NO	EQUATION	TERM	FACT	CON TYPE	PLANE	TEST POINTS	SIGNAL DESCRIPTION	ECO NO
10983		XA539	49			XA546	49		16B	9		TDLPA0	07	X00PCOX	01	1	DCF	C2	27B		
10984		XA546	49									TDLPA0	08	XE0PCOX	01	1	DCF	C2	27B		
10985		XA417	11			XA510	41		16B	9		TDL0A0	01	T000A0X	01	1	DCF	A2	04B		
10986		XA510	41			XA520	11		16B	9		TDL0A0	02	XI00DHX	01	1	ACF	B2	22A		
10987		XA520	11			XA526	11		16B	9		TDL0A0	03	XA00COX	01	1	DCF	A2	04B		
10988		XA526	11			XA533	11		16B	9		TDL0A0	04	XB00COX	01	1	DCF	A2	04B		
10989		XA533	11			XA539	11		16B	9		TDL0A0	05	XC00COX	01	1	DCF	A2	04B		
10990		XA539	11			XA546	11		16B	9		TDL0A0	06	XD00COX	01	1	DCF	A2	04B		
10991		XA546	11			XA443	52		16B	9		TDL0A0	07	XE00COX	01	1	DCF	A2	04B		
10992		XA443	52									TDL0A0	08	TDL0A0	00	1	TQ2	D1	24A	OR'D DATA LINE 0	
10993		XA446	06			XA443	56		16B	9		TDL01A	01	TDL01A	00	1	TQ2	A1	05A	IOM* ADD 0 TO IN	
10994		XA443	56									TDL01A	02	TDL0A0	01	2	TQ2	D1	26A		
10995		XA208	66			XA443	54		16B	9		TDL03A	01	TDL03A	00	1	TQ2	E1	31A	TE00 TO DATA LIN	
10996		XA443	54									TDL03A	02	TDL0A0	01	1	TQ2	D1	25A		
10997		XA417	13			XA510	39		16B	9		TDL1A0	01	T001A0X	01	1	DCF	A4	05B		
10998		XA510	39			XA520	13		16B	9		TDL1A0	02	XI01DHX	01	1	ACF	C2	20A		
10999		XA520	13			XA526	13		16B	9		TDL1A0	03	XA01COX	01	1	DCF	A4	05B		
11000		XA526	13			XA533	13		16B	9		TDL1A0	04	XB01COX	01	1	DCF	A4	05B		
11001		XA533	13			XA539	13		16B	9		TDL1A0	05	XC01COX	01	1	DCF	A4	05B		
11002		XA539	13			XA546	13		16B	9		TDL1A0	06	XD01COX	01	1	DCF	A4	05B		
11003		XA546	13			XA445	04		16B	9		TDL1A0	07	XE01COX	01	1	DCF	A4	05B		
11004		XA445	04									TDL1A0	08	TDL1A0	00	1	TT3	A1	04A	OR'D DATA LINE 1	
11005		XA446	09			XA445	10		16B	9		TDL11A	01	TDL11A	00	1	TQ2	A3	04B	IOM* ADD 1 TO IN	
11006		XA445	10									TDL11A	02	TDL1A0	01	3	TT3	A1	07A		
11007		XA208	60			XA445	06		16B	9		TDL13A	01	TDL13A	00	1	TQ2	E2	28A	TE01 TO DATA LIN	
11008		XA445	06									TDL13A	02	TDL1A0	01	1	TT3	A1	05A		
11009		XA445	07			XA546	08		16B	9		TDL2A0	01	TDL2A0	00	1	TT3	A2	03A	OR'D DATA LINE 2	
11010		XA546	08			XA539	08		16B	9		TDL2A0	02	XE02COX	01	1	DCF	A6	06A		
11011		XA539	08			XA533	08		16B	9		TDL2A0	03	XD02COX	01	1	DCF	A6	06A		
11012		XA533	08			XA436	69		16B	9		TDL2A0	04	XC02COX	01	1	DCF	A6	06A		
11013		XA436	69			XA526	08		16B	9		TDL2A0	05	RINDAA	01	1	TT3	F3	35A		
11014		XA526	08			XA520	08		16B	9		TDL2A0	06	XB02COX	01	1	DCF	A6	06A		
11015		XA520	08			XA510	37		16B	9		TDL2A0	07	XA02COX	01	1	DCF	A6	06A		
11016		XA510	37			XA407	47		16B	9		TDL2A0	08	XI02DHX	01	1	ACF	D2	18A		
11017		XA407	47			XA417	08		16B	9		TDL2A0	09	RENSWA	01	1	TQ2	D4	25B		
11018		XA417	08									TDL2A0	10	T002A0X	01	1	DCF	A6	06A		
11019		XA446	22			XA445	01		16B	9		TDL21A	01	TDL21A	00	1	TQ2	B1	12A	IOM* ADD 2 TO IN	
11020		XA445	01									TDL21A	02	TDL2A0	01	1	TT3	A2	02B		
11021		XA208	57			XA445	05		16B	9		TDL23A	01	TDL23A	00	1	TQ2	E3	30B	TE02 TO DATA LIN	
11022		XA445	05									TDL23A	02	TDL2A0	01	3	TT3	A2	03B		
												**** SIGNAL (TDL3A0) IS ON THE NEXT PAGE ****									

DRAWING NUMBER 149019-800 UNIT ASSEMBLY NAME CARD CAGE ASSY, I/G UNIT										STRING		UNIT ASSEMBLY NO 149019		REV G		INDEX TDL3A0		
FILE IDENT T39RIUX2										DATE 09-03-82		PAGE 160						
RECORD NUMBER	PREFIX	CONNECTOR	PIN	TO	PREFIX	CONNECTOR	PIN	WIRE	IDENT	SIGNAL	SEQ NO	EQUATION	UNIT	TYPE	UNIT	TEST POINTS	ESCAL DESCRIPTION	ECO NO
11023		XA417	04		XA407	56		168	9	TDL3A0	01	TDO3A0X	01	1	DCF	A8	04A	
11024		XA407	56		XA510	43		168	9	TDL3A0	02	RENR0A	01	2	TQ2	D1	26A	
11025		XA510	43		XA520	04		168	9	TDL3A0	03	XI05DHX	01	1	ACF	E2	23A	
11026		XA520	04		XA526	04		168	9	TDL3A0	04	XA03C0X	01	1	DCF	A8	04A	
11027		XA526	04		XA533	04		168	9	TDL3A0	05	XB03C0X	01	1	DCF	A8	04A	
11028		XA533	04		XA539	04		168	9	TDL3A0	06	XC03C0X	01	1	DCF	A8	04A	
11029		XA539	04		XA546	04		168	9	TDL3A0	07	XD03C0X	01	1	DCF	A8	04A	
11030		XA546	04		XA445	15		168	9	TDL3A0	08	XE03C0X	01	1	DCF	A8	04A	
11031		XA445	15							TDL3A0	09	TDL3A0	00	1	TT3	A3	07B	OR'D DATA LINE 3
11032		XA446	21		XA445	11		168	9	TDL31A	01	TDL31A	00	1	TQ2	B3	10B	IOM* ADD 3 TO IN
11033		XA445	11							TDL31A	02	TDL3A0	01	2	TT3	A3	05R	
11034		XA208	63		XA445	09		168	9	TDL33A	01	TDL33A	00	1	TQ2	E4	33R	TE03 TO DATA LIN
11035		XA445	09							TDL33A	02	TDL3A0	01	1	TT3	A3	04B	
11036		XA417	31		XA415	49		168	9	TDL4A0	01	TDO4A0X	01	1	DCF	B2	12B	
11037		XA415	49		XA511	41		168	9	TDL4A0	02	REMP1A	01	2	TQ2	D4	26B	
11038		XA511	41		XA520	31		168	9	TDL4A0	03	XI04DHX	01	1	ACF	B2	22A	
11039		XA520	31		XA526	31		168	9	TDL4A0	04	XA04C0X	01	1	DCF	B2	12B	
11040		XA526	31		XA533	31		168	9	TDL4A0	05	XB04C0X	01	1	DCF	B2	12B	
11041		XA533	31		XA539	31		168	9	TDL4A0	06	XC04C0X	01	1	DCF	B2	12B	
11042		XA539	31		XA546	31		168	9	TDL4A0	07	XD04C0X	01	1	DCF	B2	12B	
11043		XA546	31		XA445	20		168	9	TDL4A0	08	XE04C0X	01	1	DCF	B2	12B	
11044		XA445	20							TDL4A0	09	TDL4A0	00	1	TT3	B1	11A	OR'D DATA LINE 4
11045		XA446	38		XA445	22		168	9	TDL41A	01	TDL41A	00	1	TQ2	C1	18A	IOM* ADD 4 TO IN
11046		XA445	22							TDL41A	02	TDL4A0	01	1	TT3	B1	12A	
11047		XA208	75		XA445	26		168	9	TDL43A	01	TDL43A	00	1	TQ2	F1	37B	TE04 TO DATA LIN
11048		XA445	26							TDL43A	02	TDL4A0	01	3	TT3	B1	14A	
11049		XA417	33		XA407	41		168	9	TDL5A0	01	TDO5A0X	01	1	DCF	B4	13B	
11050		XA407	41		XA511	39		168	9	TDL5A0	02	RENR2A	01	1	TQ2	D3	22B	
11051		XA511	39		XA520	33		168	9	TDL5A0	03	XI05DHX	01	1	ACF	C2	20A	
11052		XA520	33		XA526	33		168	9	TDL5A0	04	XA05C0X	01	1	DCF	B4	13B	
11053		XA526	33		XA533	33		168	9	TDL5A0	05	XB05C0X	01	1	DCF	B4	13B	
11054		XA533	33		XA539	33		168	9	TDL5A0	06	XC05C0X	01	1	DCF	B4	13B	
11055		XA539	33		XA546	33		168	9	TDL5A0	07	XD05C0X	01	1	DCF	B4	13B	
11056		XA546	33		XA445	19		168	9	TDL5A0	08	XE05C0X	01	1	DCF	B4	13B	
11057		XA445	19							TDL5A0	09	TDL5A0	00	1	TT3	B2	09B	OR'D DATA LINE 5
11058		XA446	33		XA445	17		168	9	TDL51A	01	TDL51A	00	1	TQ2	C3	16B	IOM* ADD 5 TO IN
11059		XA445	17							TDL51A	02	TDL5A0	01	2	TT3	B2	08B	
11060		XA207	75		XA445	18		168	9	TDL53A	01	TDL53A	00	1	TQ2	F1	37B	TE05 TO DATA LIN
11061		XA445	18							TDL53A	02	TDL5A0	01	3	TT3	B2	10A	
11062		XA417	38		XA511	37		168	9	TDL6A0	01	TDO6A0X	01	1	DCF	B6	14A	
11063		XA511	37		XA520	38		168	9	TDL6A0	02	XI06DHX	01	1	ACF	D2	18A	
										****		SIGNAL (TDL6A0)						IS ON THE NEXT PAGE ****

DRAWING NUMBER 149019-800
 UNIT ASSEMBLY NAME CARD CAGE ASSY, I/D UNIT

STRING

UNIT ASSEMBLY NO. 149019
 FILE IDENT T39BIUX2

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 DATE 09-03-82

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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	SIZE	MULTI GROUP	CODE											
11064		XA520	38		XA526	38			16B	9								14A		
11065		XA526	38		XA533	38			16B	9								14A		
11066		XA533	38		XA539	38			16B	9								14A		
11067		XA539	38		XA546	38			16B	9								14A		
11068		XA546	38		XA445	27			16B	9								14A		
11069		XA445	27															13B	OR'D DATA LINE 6	
11070		XA446	52		XA445	25			16B	9								24A	IOM* ADD 6 TO IN	
11071		XA445	25															12B		
11072		XA208	69		XA445	21			16B	9								35A	TE06 TO DATA LIN	
11073		XA445	21															10B		
11074		XA417	34		XA407	38			16B	9								12A		
11075		XA407	38		XA511	43			16B	9								18A	OR'D DATA LINE 7	
11076		XA511	43		XA520	34			16B	9								23A		
11077		XA520	34		XA526	34			16B	9								12A		
11078		XA526	34		XA533	34			16B	9								12A		
11079		XA533	34		XA539	34			16B	9								12A		
11080		XA539	34		XA546	34			16B	9								12A		
11081		XA546	34															12A		
11082		XA446	01		XA407	42			16B	9								02B	IOM* ADD 7 TO IN	
11083		XA407	42															20A		
11084		XA208	80		XA407	40			16B	9								39A	TE07 TO DATA LIN	
11085		XA407	40															19A		
11086		XA325	45		XA208	03			16B	9								24B	PAR REG SEL TC02	
11087		XA208	03															02A		
11088		XA134	59		XA325	59			16B	9								31B		
11089		XA325	59															31B	PAR REG SEL TC03	
11090		XA208	07		XA325	57			16B	9								03A		
11091		XA325	57															30B	PAR REG SEL TC10	
11092		XA134	61		XA325	76			16B	9								32B		
11093		XA325	76															37A	PAR REG SEL TC11	
11094		XA323	47		XA224	47			16B	9								25B	Q REG SEC TC06.T	
11095		XA224	47															25B		
11096		XA224	53		XA323	45			16B	9								28B		
11097		XA323	45															24B	Q REG SEC TC07 T	
11098		XA323	59		XA224	49			16B	9								31B	Q REG SEL TC14 T	
11099		XA224	49															26B		
11100		XA224	55		XA323	57			16B	9								29B		
										****	SIGNAL	(TDQ15A	IS ON THE	NEXT PAGE	****					

DRAWING NUMBER 149019-800
 UNIT ASSEMBLY NAME CARD CAGE ASSY, I/O UNIT

STRING

UNIT ASSEMBLY NO. 149019
 FILE IDENT T398 IUX2

DATE 09-03-82

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RECORD NUMBER	FROM			TO			WIRE				SIGNAL	SEC NO	EQUATION	TYPE	FACILTY	CKT OR EQUIP TYPE	WAMP	LOAD UP POWER PLANS	TEST POINTS	SIGNAL DESCRIPTION	ECO NO	
	PREFIX	CONNECTOR	PIN	PREFIX	CONNECTOR	PIN	SH	MULTI GROUP	CODE	COLOR												INVENT
11101		XA323	57									TDQ15A	02	TDQ15A	00	1	TD4	E2		30B	Q REG SEL TC15 T	
11102		XA125	71		XA229	22			16B	9		TDRSBA	01	TDRSBA	00	1	THI	F2		36B	TD RESET	
11103		XA229	22		XA223	36			16B	9		TDRSBA	02	TD02BP	01	1	TDD	CP		12A		
11104		XA223	36		XA223	38			16B	9		TDRSBA	03	TD17BP	01	1	TDD	FP		17A		
11105		XA223	38		XA223	50			16B	9		TDRSBA	04	TD16BP	01	1	TDD	EP		18A		
11106		XA223	50		XA223	52			16B	9		TDRSBA	05	TD19BP	01	1	TDD	HP		23A		
11107		XA223	52		XA223	64			16B	9		TDRSBA	06	TD18BP	01	1	TDD	GP		24A		
11108		XA223	64		XA223	66			16B	9		TDRSBA	07	TD21BP	01	1	TDD	KP		30A		
11109		XA223	66									TDRSBA	08	TD20BP	01	1	TDD	JP		31A		
11110		XA125	70		XA229	04			16B	9		TDRSCA	01	TDRSCA	00	1	THI	F3		34B	TD RESET UNLOAD	
11111		XA229	04		XA229	06			16B	9		TDRSCA	02	TD01BP	01	1	TDD	BP		04A		
11112		XA229	06		XA217	06			16B	9		TDRSCA	03	TD00BP	01	1	TDD	AP		05A		
11113		XA217	06		XA217	04			16B	9		TDRSCA	04	TD24BP	01	1	TDD	AP		05A		
11114		XA217	04		XA217	22			16B	9		TDRSCA	05	TD25BP	01	1	TDD	BP		04A		
11115		XA217	22		XA223	73			16B	9		TDRSCA	06	TD26BP	01	1	TDD	CP		12A		
11116		XA223	73		XA223	75			16B	9		TDRSCA	07	TD23BP	01	1	TDD	MP		36B		
11117		XA223	75									TDRSCA	08	TD22BP	01	1	TDD	LP		37B		
11118		XA229	75		XA229	73			16B	9		TDRSDA	01	TD10BP	01	1	TDD	LP		37B		
11119		XA229	73		XA217	66			16B	9		TDRSDA	02	TD11BP	01	1	TDD	MP		36B		
11120		XA217	66		XA223	22			16B	9		TDRSDA	03	TD32BP	01	1	TDD	JP		31A		
11121		XA223	22		XA223	20			16B	9		TDRSDA	04	TD14BP	01	1	TDD	CP		12A		
11122		XA223	20		XA223	06			16B	9		TDRSDA	05	TD15BP	01	1	TDD	DP		11A		
11123		XA223	06		XA223	04			16B	9		TDRSDA	06	TD12BP	01	1	TDD	AP		05A		
11124		XA223	04		XA125	72			16B	9		TDRSDA	07	TD13BP	01	1	TDD	BP		04A		
11125		XA125	72									TDRSDA	08	TDRSDA	00	1	THI	F4		34A	TD RESET UNLOAD	
11126		XA229	66		XA229	64			16B	9		TDRSEA	01	TD08BP	01	1	TDD	JP		31A		
11127		XA229	64		XA229	52			16B	9		TDRSEA	02	TD09BP	01	1	TDD	KP		30A		
11128		XA229	52		XA229	50			16B	9		TDRSEA	03	TD06BP	01	1	TDD	GP		24A		
11129		XA229	50		XA229	38			16B	9		TDRSEA	04	TD07BP	01	1	TDD	HP		23A		
11130		XA229	38		XA229	36			16B	9		TDRSEA	05	TD04BP	01	1	TDD	EP		18A		
11131		XA229	36		XA229	20			16B	9		TDRSEA	06	TD05BP	01	1	TDD	FP		17A		
11132		XA229	20		XA125	78			16B	9		TDRSEA	07	TD03BP	01	1	TDD	DP		11A		
11133		XA125	78									TDRSEA	08	TDRSEA	00	1	THI	F5		36A	TD RESET UNLOAD	
11134		XA217	52		XA217	50			16B	9		TDRSFA	01	TD30BP	01	1	TDD	GP		24A		
11135		XA217	50		XA217	38			16B	9		TDRSFA	02	TD31BP	01	1	TDD	HP		23A		
11136		XA217	38		XA217	36			16B	9		TDRSFA	03	TD28BP	01	1	TDD	EP		18A		
11137		XA217	36		XA217	20			16B	9		TDRSFA	04	TD29BP	01	1	TDD	FP		17A		
11138		XA217	20		XA125	77			16B	9		TDRSFA	05	TD27BP	01	1	TDD	DP		11A		
11139		XA125	77									TDRSFA	06	TDRSFA	00	1	THI	F6		38A	TD RESET UNLOAD	
11140		XA124	54		XA325	33			16B	9		TDRS1A	01	TDRS1A	01	1	TQ2	D1		25A		
11141		XA325	33									TDRS1A	02	TDRS1A	00	1	TD4	C2		16B	M2.TADA.SYNC2*.NO	
11142		XA125	74		XA125	76			16B	9		TDRS1A	01	TDRSDA	01	1	THI	F4		35A		
11143		XA125	76		XA125	75			16B	9		TDRS1A	02	TDRSEA	01	1	THI	F5		37A		
											**** SIGNAL (TDRS1A) IS ON THE NEXT PAGE ****											

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RECORD NUMBER	FROM				TO				WIRE				SIGNAL	SFQ 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												SPEC INST
11144		XA125	75		XA125	73		168	9				TDRS10	03	TDRSFA	01	1	THI	F6		39A			
11145		XA125	73		XA125	69		168	9				TDRS10	04	TDRSBA	01	1	THI	F2		37B			
11146		XA125	69		XA124	52		168	9				TDRS10	05	TDRSCA	01	1	THI	F3		35B			
11147		XA124	52										TDRS10	06	TDRS10	00	1	TQ2	D1		24A		TD RESET MASTER	
11148		XA226	13		XA229	15		168	9				TDS00A	01	TDS00A	00	1	THI	A1		06A		PRESET INPUT TD	
11149		XA229	15										TDS00A	02	TDS00BQ	01	1	TDD	AQ		07B			
11150		XA128	11		XA226	11		168	9				TDS000	01	TDS000	00	1	TS8	A1		05B		PRESET INPUT TD	
11151		XA226	11										TDS000	02	TDS00A	01	1	THI	A1		07A			
11152		XA226	08		XA229	03		168	9				TDS01A	01	TDS01A	00	1	THI	A2		04A		PRESET TD BIT 01	
11153		XA229	03										TDS01A	02	TDS01BQ	01	1	TDD	BQ		02A			
11154		XA128	23		XA226	06		168	9				TDS010	01	TDS010	00	1	TS8	B1		11B		PRESET TD BIT 01	
11155		XA226	06										TDS010	02	TDS01A	01	1	THI	A2		05A			
11156		XA226	24		XA229	27		168	9				TDS02A	01	TDS02A	00	1	THI	B1		13A		PRESET TD BIT 02	
11157		XA229	27										TDS02A	02	TDS02BQ	01	1	TDD	CQ		13B			
11158		XA129	11		XA226	22		168	9				TDS020	01	TDS020	00	1	TD4	A1		05B		PRESET TD BIT 02	
11159		XA226	22										TDS020	02	TDS02A	01	1	THI	B1		14A			
11160		XA226	25		XA229	17		168	9				TDS03A	01	TDS03A	00	1	THI	B2		11A		PRESET TD BIT 03	
11161		XA229	17										TDS03A	02	TDS03BQ	01	1	TDD	DQ		08B			
11162		XA129	09		XA226	23		168	9				TDS030	01	TDS030	00	1	TD4	A2		04B		PRESET TD BIT 03	
11163		XA226	23										TDS030	02	TDS03A	01	1	THI	B2		12A			
11164		XA226	40		XA229	39		168	9				TDS04A	01	TDS04A	00	1	THI	C1		19A		PRESET TD BIT 04	
11165		XA229	39										TDS04A	02	TDS04BQ	01	1	TDD	EQ		19B			
11166		XA129	23		XA226	38		168	9				TDS040	01	TDS040	00	1	TD4	B1		11B		PRESET TD BIT 04	
11167		XA226	38										TDS040	02	TDS04A	01	1	THI	C1		20A			
11168		XA226	37		XA229	29		168	9				TDS05A	01	TDS05A	00	1	THI	C2		17A		PRESET TD BIT 05	
11169		XA229	29										TDS05A	02	TDS05BQ	01	1	TDD	FQ		14B			
11170		XA129	21		XA226	35		168	9				TDS050	01	TDS050	00	1	TD4	B2		10B		PRESET TD BIT 05	
11171		XA226	35										TDS050	02	TDS05A	01	1	THI	C2		18A			
11172		XA226	54		XA229	51		168	9				TDS06A	01	TDS06A	00	1	THI	D1		25A		PRESET TD BIT 06	
11173		XA229	51										TDS06A	02	TDS06BQ	01	1	TDD	GQ		27B			
11174		XA129	35		XA226	52		168	9				TDS060	01	TDS060	00	1	TD4	C1		17B		PRESET TD BIT 06	
11175		XA226	52										TDS060	02	TDS06A	01	1	THI	D1		26A			
11176		XA226	49		XA229	41		168	9				TDS07A	01	TDS07A	00	1	THI	D2		23A		PRESET TD BIT 07	
11177		XA229	41										TDS07A	02	TDS07BQ	01	1	TDD	HQ		22B			
													****	SIGNAL	(TDS070)									IS ON THE NEXT PAGE ****

DRAWING NUMBER		149019-800		STRING		UNIT ASSEMBLY NO.		149019		REV		G		INDEX		TDS070				
UNIT ASSEMBLY NAME		CARD CAGE ASSY, I/O UNIT		FILE IDENT		T39BIUX2		DATE		09-03-82		PAGE		164						
RECORD NUMBER	FROM			TO			WIRE			SIGNAL	REQ NO	EQUATION	TERM	FAC	CMT OR CHIP TYPE	L.N.O. OR POWER PLANE	1-151 POSITION	SIGNAL DESCRIPTION	REQ NO	
	PREFIX	CONNECTOR	PIN	PREFIX	CONNECTOR	PIN	MULT. GROUP	CODE	COILS											DEF
11178		XA129	33		XA226	47			16B	9								16B	PRESET TO BIT 07	
11179		XA226	47								TDS070	02	TDS07A	01	1	THI	D2	24A		
11180		XA226	66		XA229	63			16B	9								32A	PRESET TO BIT 08	
11181		XA229	63								TDS08A	02	TD08BQ	01	1	TDD	JQ	33B		
11182		XA128	35		XA226	64			16B	9								17B	PRESET TO BIT 08	
11183		XA226	64								TDS080	02	TDS08A	01	1	THI	E1	33A		
11184		XA226	63		XA229	53			16B	9								30A	PRESET TO BIT 08	
11185		XA229	53								TDS09A	02	TD09BQ	01	1	TDD	KQ	28B		
11186		XA128	47		XA226	61			16B	9								25B	PRESET TO BIT 09	
11187		XA226	61								TDS090	02	TDS09A	01	1	THI	E2	31A		
11188		XA226	80		XA229	80			16B	9								38B	PRESET TO BIT 10	
11189		XA229	80								TDS10A	02	TD10BQ	01	1	TDD	LQ	39A		
11190		XA129	47		XA226	79			16B	9								25B	PRESET TO BIT 10	
11191		XA226	79								TDS100	02	TDS10A	01	1	THI	F1	39B		
11192		XA226	71		XA229	65			16B	9								36B	PRESET TO BIT 11	
11193		XA229	65								TDS11A	02	TD11BQ	01	1	TDD	MQ	34B		
11194		XA129	45		XA226	73			16B	9								24B	PRESET TO BIT 11	
11195		XA226	73								TDS110	02	TDS11A	01	1	THI	F2	37B		
11196		XA220	13		XA223	15			16B	9								06A	PRESET TO BIT 12	
11197		XA223	15								TDS12A	02	TD12BQ	01	1	TDD	AQ	07B		
11198		XA129	59		XA220	11			16B	9								31B	PRESET TO BIT 12	
11199		XA220	11								TDS120	02	TDS12A	01	1	THI	A1	07A		
11200		XA223	03		XA220	08			16B	9								02A	PRESET TO BIT 13	
11201		XA220	08								TDS13A	02	TD13BQ	01	1	TDD	BQ	04A		
11202		XA129	57		XA220	06			16B	9								30B	PRESET TO BIT 13	
11203		XA220	06								TDS130	02	TDS13A	01	1	THI	A2	05A		
11204		XA223	27		XA220	24			16B	9								13B	PRESET TO BIT 14	
11205		XA220	24								TDS14A	02	TD14BQ	01	1	TDD	CQ	13A		
11206		XA129	76		XA220	22			16B	9								37A	PRESET TO BIT 14	
11207		XA220	22								TDS140	02	TDS14A	01	1	THI	B1	14A		
11208		XA223	17		XA220	25			16B	9								08B	PRESET TO BIT 15	
11209		XA220	25								TDS15A	02	TD15BQ	01	1	TDD	DQ	11A		
11210		XA129	69		XA220	23			16B	9								35A	PRESET TO BIT 15	
11211		XA220	23								TDS150	02	TDS15A	01	1	THI	B2	12A		

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 UNIT ASSEMBLY NAME CARD CAGE ASSY, I/O UNIT

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RECORD NUMBER	FROM			TO			WIRE		SIGNAL	CIRCUIT NO	EQUATION	X REF	Y REF	CMT OR CHIP TYPE	LOAD OR POWER REFR	TEST POINTS AND GR	SIGNAL DESCRIPTION	ECO NO
	PREFIX	CONNECTOR	PIN	PREFIX	CONNECTOR	PIN	MULTI GROUP	CODE										
11212 11213		XA223 XA220	39 40		XA220	40		16B 9	TDS16A TDS16A	01 02	TD16BQ TDS16A	01 00	1 1	TDD THI	EQ C1	19B 19A	PRESET INPUT TD	
11214 11215		XA124 XA220	06 38		XA220	38		16B 9	TDS160 TDS160	01 02	TDS160 TDS16A	00 01	1 1	TQ2 THI	A1 C1	05A 20A	PRESET INPUT TD	
11216 11217		XA223 XA220	29 37		XA220	37		16B 9	TDS17A TDS17A	01 02	TD17BQ TDS17A	01 00	1 1	TDD THI	FQ C2	14B 17A	PRESET INPUT TD	
11218 11219		XA124 XA220	01 35		XA220	35		16B 9	TDS170 TDS170	01 02	TDS170 TDS17A	00 01	1 1	TQ2 THI	A2 C2	02B 18A	PRESET INPUT TD	
11220 11221		XA223 XA220	51 54		XA220	54		16B 9	TDS18A TDS18A	01 02	TD18BQ TDS18A	01 00	1 1	TDD THI	GQ D1	27B 25A	PRESET INPUT TD	
11222 11223		XA124 XA220	09 52		XA220	52		16B 9	TDS180 TDS180	01 02	TDS180 TDS18A	00 01	1 1	TQ2 THI	A3 D1	04B 26A	PRESET INPUT TD	
11224 11225		XA223 XA220	41 49		XA220	49		16B 9	TDS19A TDS19A	01 02	TD19BQ TDS19A	01 00	1 1	TDD THI	HQ D2	22B 23A	PRESET INPUT TD	
11226 11227		XA124 XA220	15 47		XA220	47		16B 9	TDS190 TDS190	01 02	TDS190 TDS19A	00 01	1 1	TQ2 THI	A4 D2	07B 24A	PRESET INPUT TD	
11228 11229		XA223 XA220	63 66		XA220	66		16B 9	TDS20A TDS20A	01 02	TD20BQ TDS20A	01 00	1 1	TDD THI	JQ E1	33B 32A	PRESET INPUT TD	
11230 11231		XA108 XA220	36 64		XA220	64		16B 9	TDS200 TDS200	01 02	TDS200 TDS20A	00 01	1 1	TT3 THI	C1 E1	17A 33A	PRESET INPUT TD	
11232 11233		XA223 XA220	53 63		XA220	63		16B 9	TDS21A TDS21A	01 02	TD21BQ TDS21A	01 00	1 1	TDD THI	KQ E2	28B 30A	PRESET INPUT TD	
11234 11235		XA108 XA220	31 61		XA220	61		16B 9	TDS210 TDS210	01 02	TDS210 TDS21A	00 01	1 1	TT3 THI	C2 E2	15B 31A	PRESET INPUT TD	
11236 11237		XA223 XA220	80 80		XA220	80		16B 9	TDS22A TDS22A	01 02	TD22BQ TDS22A	01 00	1 1	TDD THI	LQ F1	39A 38B	PRESET INPUT TD	
11238 11239		XA124 XA220	22 79		XA220	79		16B 9	TDS220 TDS220	01 02	TDS220 TDS22A	00 01	1 1	TQ2 THI	B1 F1	12A 39B	PRESET INPUT TD	
11240 11241		XA223 XA220	65 71		XA220	71		16B 9	TDS23A TDS23A	01 02	TD23BQ TDS23A	01 00	1 1	TDD THI	MQ F2	34B 36B	PRESET INPUT TD	
11242 11243		XA124 XA220	14 73		XA220	73		16B 9	TDS230 TDS230	01 02	TDS230 TDS23A	00 01	1 1	TQ2 THI	B2 F2	09A 37B	PRESET INPUT TD	
**** SIGNAL (TDS24A) IS ON THE NEXT PAGE ****																		

DRAWING NUMBER 149019-800
 UNIT ASSEMBLY NAME CARD CAGE ASSY, I/C UNIT

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 FILE IDENT T398IUX2

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RECORD NUMBER	FROM				TO				WIRE				SIGNAL	SEC NO	EQUATION	TERM	FACTORY	CKT OR CHIP TYPE	GROUP	LOAD UP POWER PLANE	TEST POINTS AND/OR	SIGNAL DESCRIPTION	ECO NO
	PREFIX	CONNECTOR	PIN	SERIAL	PREFIX	CONNECTOR	PIN	SERIAL	MULTI GROUP	CODE	COLOR	IDENT											
11244		XA217	15		XA220	03				16B	9		TDS24A	01	TD248Q	01	1	TDD	AQ		07B	PRESET INPUT TD	
11245		XA220	03										TDS24A	02	TDS24A	00	1	THI	A3		03A		
11246		XA124	21		XA220	04				16B	9		TDS240	01	TDS240	00	1	TQ2	B3		10B	PRESET INPUT TD	
11247		XA220	04										TDS240	02	TDS24A	01	1	THI	A3		02A		
11248		XA217	03		XA220	01				16B	9		TDS25A	01	TD258Q	01	1	TDD	BQ		02A	PRESET INPUT TD	
11249		XA220	01										TDS25A	02	TDS25A	00	1	THI	A4		02B		
11250		XA124	27		XA220	05				16B	9		TDS250	01	TDS250	00	1	TQ2	B4		13B	PRESET INPUT TD	
11251		XA220	05										TDS250	02	TDS25A	01	1	THI	A4		03B		
11252		XA217	27		XA220	18				16B	9		TDS26A	01	TD268Q	01	1	TDD	CQ		13B	PRESET INPUT TD	
11253		XA220	18										TDS26A	02	TDS26A	00	1	THI	B3		09A		
11254		XA124	38		XA220	20				16B	9		TDS260	01	TDS260	00	1	TQ2	C1		18A	PRESET INPUT TD	
11255		XA220	20										TDS260	02	TDS26A	01	1	THI	B3		10A		
11256		XA217	17		XA220	14				16B	9		TDS27A	01	TD278Q	01	1	TDD	DQ		08B	PRESET INPUT TD	
11257		XA220	14										TDS27A	02	TDS27A	00	1	THI	B4		08B		
11258		XA124	30		XA220	17				16B	9		TDS270	01	TDS270	00	1	TQ2	C2		15A	PRESET INPUT TD	
11259		XA220	17										TDS270	02	TDS27A	01	1	THI	B4		09B		
11260		XA217	39		XA220	34				16B	9		TDS28A	01	TD288Q	01	1	TDD	EQ		19B	PRESET INPUT TD	
11261		XA220	34										TDS28A	02	TDS28A	00	1	THI	C3		15A		
11262		XA124	33		XA220	36				16B	9		TDS280	01	TDS280	00	1	TQ2	C3		16B	PRESET INPUT TD	
11263		XA220	36										TDS280	02	TDS28A	01	1	THI	C3		16A		
11264		XA217	29		XA220	30				16B	9		TDS29A	01	TD298Q	01	1	TDD	FQ		14B	PRESET INPUT TD	
11265		XA220	30										TDS29A	02	TDS29A	00	1	THI	C4		14B		
11266		XA124	39		XA220	29				16B	9		TDS290	01	TDS290	00	1	TQ2	C4		19B	PRESET INPUT TD	
11267		XA220	29										TDS290	02	TDS29A	01	1	THI	C4		15B		
11268		XA217	51		XA220	48				16B	9		TDS30A	01	TD308Q	01	1	TDD	GQ		27B	PRESET INPUT TD	
11269		XA220	48										TDS30A	02	TDS30A	00	1	THI	D3		21A		
11270		XA109	52		XA220	50				16B	9		TDS300	01	TDS300	00	1	TQ2	D1		24A	PRESET INPUT TD	
11271		XA220	50										TDS300	02	TDS30A	01	1	THI	D3		22A		
11272		XA217	41		XA220	46				16B	9		TDS31A	01	TD318Q	01	1	TDD	HQ		22B	PRESET INPUT TD	
11273		XA220	46										TDS31A	02	TDS31A	00	1	THI	D4		22B		
11274		XA109	45		XA220	41				16B	9		TDS310	01	TDS310	00	1	TQ2	D3		24B	PRESET INPUT TD	
11275		XA220	41										TDS310	02	TDS31A	01	1	THI	D4		23B		
11276		XA139	37		XA208	05				16B	9		TDOPAA	01	TDOPAA	00	1	THI	C2		17A		
11277		XA208	05										TDOPAA	02	TOLPAA	01	2	TQ2	A2		03B		

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 UNIT ASSEMBLY NAME CARD CAGE ASSY, I/O UNIT

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UNIT ASSEMBLY NO. 149019
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RECORD NUMBER	FROM				TO				WIRE		SIGNAL	SEQ NO	EQUATION	TERM	FACT	INT SW	SW TYPE	SW	CIRCUIT	SIGNAL DESCRIPTION	ECO NO	
	PREFIX	CONNECTOR	PIN	UNIT	PREFIX	CONNECTOR	PIN	UNIT	MULTI GROUP	CODE												COLOR
11278		XA302	04		XA417	45			AV	1E8	0		TDDPADG4	01								
11279		XA417	45										TDDPADG4	02								27A
11282		XA302	03		XA417	46			AV	1E8	9		TDDPADX4	005								
11280		XA417	46		XA411	07				1E8	9		TDDPADX4	01	TDDPADX400	1	DCF	C1			25B	EXT DATA OUTPUT P
11281		XA411	07										TDDPADX4	02			RR4	A4				
11283		XA141	30		XA139	35				1E8	9		TDDPA0	01	TDDPA0	00	1	TQ2	C2		15A	
11284		XA139	35										TDDPA0	02	TDDPAA	01	1	THI	C2		18A	
11286		XA302	06		XA417	05			AW	1E8	0		TDD0ADG4	01								
11285		XA417	05										TDD0ADG4	02								
11289		XA302	05		XA417	07			AW	1E8	9		TDD0ADX4	005								
11287		XA417	07		XA411	09				1E8	9		TDD0ADX4	01	TDD0ADX400	1	DCF	A1			02B	EXT DATA OUTPUT L
11288		XA411	09										TDD0ADX4	02			RR4	A5				
05806		XA351	29		XA231	13				1E8	9		TDD0BP	005	TC0010	01	1	TT3	C2		14B	
11290		XA231	13		XA229	11				1E8	9		TDD0BP	01	T0100A	01	2	TQ2	A4		06B	
11291		XA229	11		XA226	04				1E8	9		TDD0BP	02	TDD0BP	00	1	TDD	AP		05B	TD REG BIT 00 RE
11292		XA226	04										TDD0BP	03	TDD0C0	01	1	THI	A3		02A	
11293		XA127	68		XA231	03				1E8	9		TDD0BQ	01	TDD0C0	01	1	TLD	E1		32A	
11294		XA231	03		XA231	04				1E8	9		TDD0BQ	02	TDD01A	01	1	TQ2	A3		02A	
11295		XA231	04		XA231	10				1E8	9		TDD0BQ	03	TF004A	01	1	TQ2	A2		04A	
11296		XA231	10		XA229	13				1E8	9		TDD0BQ	04	TF003A	01	2	TQ2	A1		07A	
11297		XA229	13		XA419	11				1E8	9		TDD0BQ	05	TDD0BQ	00	1	TDD	AQ		06B	TD REG BIT 00 SE
11299		XA419	11										TDD0BQ	07	TDD0S0X	01	1	DCF	A2		04B	
11300		XA127	66									J	TDD0CD	01	TDD0CD	00	1	TLD	E1		31A	JDB00B4 BUSS
11301		XA212	10		XA212	04				1E8	9		TDD0C0	01	K0100A	01	2	TQ2	A1		07A	
11302		XA212	04		XA226	03				1E8	9		TDD0C0	02	K0200A	01	1	TQ2	A2		04A	
11303		XA226	03										TDD0C0	03	TDD0C0	00	1	THI	A3		03A	TD BIT 0 OVERLOA
11304		XA128	08		XA422	06				1E8	9		TDD0SA	01	TDD000	01	6	TS8	A1		06A	
11305		XA422	06										TDD0SA	02	TDD0SA	00	1	TQ2	A1		05A	MEMORY DATA INPU
11306		XA419	07									J	TDD0SDX	01	TDD0SDX	00	1	DCF	A1		02B	YI00CB4 BUSS
11307		XA419	09		XA422	10				1E8	9		TDD0S0X	01	TDD0S0X	00	1	DCF	A2		03B	
11308		XA422	10										TDD0S0X	02	TDD0SA	01	2	TQ2	A1		07A	
11309		XA228	11		XA229	08				1E8	9		TDD000	01	TDD000	00	1	TS8	A1		05B	TD REG BIT 00 DR
11310		XA229	08										TDD000	02	TDD0BI	01	1	TDD	AI		06A	
11311		XA326	01		XA228	13				1E8	9		TDD01A	01	TDD01A	00	1	TQ2	A2		02B	XFER TC00 TO TDD
11312		XA228	13										TDD01A	02	TDD000	01	8	TS8	A1		06B	

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UNIT ASSEMBLY NAME				CARD CAGE ASSY, I/O UNIT				PLUG POINT				T398IU2				DATE		09-03-82		PAGE		168					
RECORD NUMBER	FROM				TO				WIRE				SIGNAL				SIGNAL DESCRIPTION	SEC. NO.									
	PREFIX	CONNECTOR	PIN	SHO	PREFIX	CONNECTOR	PIN	SHO	GROUP	CODE	COLOR	DEF.	NO.	NO.	NO.	NO.											
11313		XA228	01		XA328	09			168	9				T0002A	01	T00000	01	1	TS8	A1		02B					
11314		XA328	09											T0002A	02	T0002A	00	1	TQ2	A3		04B	UPDATE TC00 TO T				
11315		XA240	80		XA228	05			168	9				T0003A	01	T0003A	00	1	TQ2	F4		39A	BYTE 1 XFER BIT				
11316		XA228	05											T0003A	02	T00000	01	3	TS8	A1		03B					
11317		XA124	66		XA228	08			168	9				T0004A	01	T0004A	00	1	TQ2	E1		31A	DATA BUS XFER BI				
11318		XA228	08											T0004A	02	T00000	01	6	TS8	A1		06A					
11319		XA325	36		XA346	66			168	9				T0005A	01	T0005A	01	4	TD4	C2		17A					
11320		XA346	66											T0005A	02	T0005A	00	1	TQ2	E1		31A					
11321		XA346	68		XA350	30			168	9				T00050	01	T0005A	01	1	TQ2	E1		32A					
11322		XA350	30		XA328	29			168	9				T00050	02	T00050	00	1	TQ2	C2		15A	MEMORY MODE INPU				
11323		XA328	29											T00050	03	T0007A	01	1	TQ2	C3		14B					
11324		XA237	06		XA228	06			168	9				T0006A	01	T0006A	00	1	TQ2	A1		05A	TE TO TD BYTE MO				
11325		XA228	06											T0006A	02	T00000	01	4	TS8	A1		05A					
11326		XA328	33		XA228	04			168	9				T0007A	01	T0007A	00	1	TQ2	C3		16B	SET INPUT FOR MEM				
11327		XA228	04											T0007A	02	T00000	01	2	TS8	A1		04A					
11328		XA302	08		XA417	19			AX	1E8	0			T001ADG4	01									EXT			
11329		XA417	19											T001ADG4	02										DCF		
11332		XA302	07		XA417	17			AX	1E8	9			T001ADX4	005										EXT		
11330		XA417	17		XA411	20			168	9				T001ADX4	01	T001ADX4	00	1	DCF	A3		07B	EXT DATA OUTPUT L				
11331		XA411	20											T001ADX4	02										RR4 B1		
11333		XA231	11		XA229	09			168	9				T0018P	01	T0100A	01	1	TQ2	A4		05B					
11334		XA229	09		XA226	05			168	9				T0018P	02	T0018P	00	1	TDD	BP		04B	TD REG BIT 01 RE				
11335		XA226	05											T0018P	03	T001C0	01	1	THI	A4		03B					
11336		XA127	62		XA229	07			168	9				T0018Q	01	T001C0	01	1	TLD	E2		29A					
11337		XA229	07		XA230	11			168	9				T0018Q	02	T00180	00	1	TDD	BQ		03A	TD REG BIT 01 SE				
11338		XA230	11		XA230	07			168	9				T0018Q	03	TF014A	01	1	TQ2	A4		05B					
11339		XA230	07		XA231	07			168	9				T00180	04	TF013A	01	2	TQ2	A3		03A					
11340		XA231	07		XA329	05			168	9				T0018Q	05	T0001A	01	2	TQ2	A3		03A					
11341		XA329	05		XA419	13			168	9				T0018Q	06	TC018I	01	1	TDD	BI		03B					
11342		XA419	13											T0018Q	07	T001S0X	01	1	DCF	A4		05B					
11343		XA127	60											T001C0	01	T001C0	00	1	TLD	E2		28A	JDB01B4 BUSS				
11344		XA212	11		XA212	07			168	9				T001C0	01	K0201A	01	1	TQ2	A4		05B					
11345		XA212	07		XA226	01			168	9				T001C0	02	K0101A	01	2	TQ2	A3		03A					
11346		XA226	01											T001C0	03	T001C0	00	1	THI	A4		02B	TD BIT 1 UNLOAD				
11347		XA128	14		XA422	01			168	9				T001SA	01	TDS010	01	1	TS8	B1		09A					
																****		SIGNAL		(T001SA)		IS ON THE		NEXT PAGE		****	

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RECORD NUMBER	FROM			TO			WIRE			SIGNAL	SEG NO	EQUATION	TRM	FACT	CKT OR CHIP TYPE	COMP	LOAD OR POWER PLANS	TEST POINTS AND/OR	SIGNAL DESCRIPTION	ECO NO
	PREFIX	CONNECTOR	PIN	HP/FIX	CONNECTOR	PIN	GROUP	CODE	COLOR											
11348		XA422	01							TD01SA	02	TD01SA	00	1	TQ2	A2		02B	MEMORY DATA INPU	
11349		XA419	17							J TD01SDX	01	TD01SDX	00	1	DCF	A3		07B	YI01CB4 BUSS	
11350		XA419	15		XA422	05		16B	9	TD01S0X	01	TD01S0X	00	1	DCF	A4		06B		
11351		XA422	05							TD01S0X	02	TD01SA	01	2	TQ2	A2		03B		
11352		XA227	11		XA229	05		16B	9	TD0100	01	TD0100	00	1	TS8	A1		05B	TD REG BIT 01 OR	
11353		XA229	05							TD0100	02	TD01BI	01	1	TDD	BI		03B		
11354		XA326	14		XA227	13		16B	9	TD011A	01	TD011A	00	1	TQ2	B2		09A	XFER TC01 TO TD	
11355		XA227	13							TD0100	02	TD0100	01	1	TS8	A1		06B		
11356		XA227	04		XA326	21		16B	9	TD012A	01	TD0100	01	2	TS8	A1		04A		
11357		XA326	21							TD012A	02	TD012A	00	1	TQ2	B3		10B	UPDATE TC01 TO T	
11358		XA240	69		XA227	01		16B	9	TD013A	01	TD013A	00	1	TQ2	F3		35A	BYTE 1 XFER BIT	
11359		XA227	01							TD013A	02	TD0100	01	1	TS8	A1		02B		
11360		XA124	60		XA227	10		16B	9	TD014A	01	TD014A	00	1	TQ2	E2		28A	DATA BUS XFER BI	
11361		XA227	10							TD014A	02	TD0100	01	7	TS8	A1		07A		
11362		XA109	06		XA227	07		16B	9	TD015A	01	TD015A	00	1	TQ2	A1		05A	SET INPUT FOR MEM	
11363		XA227	07							TD015A	02	TD0100	01	5	TS8	A1		03A		
11364		XA114	76		XA109	08		16B	9	TD0150	01	TD0150	00	1	TS8	F1		37A	MEMORY MGDE INPU	
11365		XA109	08							TD0150	02	TD015A	01	1	TQ2	A1		06A		
11366		XA234	01		XA227	08		16B	9	TD016A	01	TD016A	00	1	TQ2	A2		02B	TE TO TD BYTE MO	
11367		XA227	08							TD016A	02	TD0100	01	6	TS8	A1		06A		
11368		XA302	10		XA417	16	AY	IEB	0	TD02ADG4	01				EXT					
11369		XA417	16							TD02ADG4	02				DCF					
11372		XA302	09		XA417	14	AY	IEB	9	TD02ADX4	005				EXT					
11370		XA417	14		XA411	26		16B	9	TD02ADX4	01	TD02ADX4	00	1	DCF	A5		08B	EXT DATA OUTPUT L	
11371		XA411	26							TD02ADX4	02				RR4	B2				
11373		XA231	25		XA229	23		16B	9	TD02BP	01	TD020A	01	2	TQ2	B4		12B		
11374		XA229	23		XA226	20		16B	9	TD02BP	02	TD02BP	00	1	TDD	CP		11B	TD REG BIT 02 RE	
11375		XA226	20							TD02BP	03	TD02C0	01	1	THI	B3		10A		
11376		XA127	55		XA231	17		16B	9	TD02BQ	01	TD02CD	01	2	TLD	E3		29B		
11377		XA231	17		XA231	20		16B	9	TD02BQ	02	TD020A	01	1	TQ2	B3		08B		
11378		XA231	20		XA231	26		16B	9	TD02BQ	03	TF024A	01	2	TQ2	B2		11A		
11379		XA231	26		XA229	25		16B	9	TD02BQ	04	TF023A	01	2	TQ2	B1		14A		
11380		XA229	25		XA329	24		16B	9	TD02BQ	05	TD02BQ	00	1	TDD	CQ		12B	TD REG BIT 02 SE	
11381		XA329	24		XA419	08		16B	9	TD02BQ	06	TC02BI	01	1	TDD	CI		13A		
11382		XA419	08							TD02BQ	07	TD02S0X	01	1	DCF	A6		06A		
										****	SIGNAL (TD02CD)	IS ON THE		NEXT PAGE		****				

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 UNIT ASSEMBLY NAME CARD CAGE ASSY, I/O UNIT

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RECORD NUMBER	FROM			SLOT	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	SER PG	MULTI GROUP	CODE	COLOR												
11418		XA302	13		XA417	01		BA	1EB	9		T003ADX4	005				EXT						
11416		XA417	01		XA411	24			16B	9		T003ADX4	01	TD03ADX4	00	1	DCF	A7		02A	EXT DATA OUTPUT L		
11417		XA411	24									T003ADX4	02				RR4	B3					
11419		XA231	23		XA229	21			16B	9		T003BP	01	T0302A	01	1	TQ2	B4		11B			
11420		XA229	21		XA226	17			16B	9		T003BP	02	TD03BP	00	1	TDD	DP		10B	TD REG BIT 03 RE		
11421		XA226	17									T003BP	03	TD03C0	01	1	THI	B4		09B			
11422		XA127	61		XA229	19			16B	9		T003BQ	01	TD03CD	01	2	TLD	E4		32B			
11423		XA229	19		XA231	19			16B	9		T003BQ	02	TD03BQ	00	1	TDD	DQ		09B	TD REG BIT 03 SE		
11424		XA231	19		XA230	19			16B	9		T003BQ	03	T0203A	01	2	TQ2	B3		09B			
11425		XA230	19		XA230	25			16B	9		T003BQ	04	TF033A	01	2	TQ2	B3		09B			
11426		XA230	25		XA329	18			16B	9		T003BQ	05	TF034A	01	2	TQ2	B4		12B			
11427		XA329	18		XA419	04			16B	9		T003BQ	06	TC03BI	01	1	TDD	DI		10A			
11428		XA419	04									T003BQ	07	TD03S0X	01	1	DCF	A8		04A			
11429		XA127	63								J	T003CD	01	TD03CD	00	1	TLD	E4		33B	JDB03B4 BUSS		
11430		XA212	23		XA212	19			16B	9		T003C0	01	K0203A	01	1	TQ2	B4		11B			
11431		XA212	19		XA226	14			16B	9		T003C0	02	K0103A	01	2	TQ2	B3		09B			
11432		XA226	14									T003C0	03	TD03C0	00	1	THI	B4		08B	TD BIT 3 UNLOAD		
11433		XA129	01		XA422	15			16B	9		T003SA	01	TD0303	01	1	T04	A2		02B			
11434		XA422	15									T003SA	02	TD03SA	00	1	TQ2	A4		07B	MEMORY DATA INPU		
11435		XA419	01								J	T003SDX	01	TD03SDX	00	1	DCF	A7		02A	YI03CB4 BUSS		
11436		XA419	03		XA422	13			16B	9		T003S0X	01	TD03S0X	00	1	DCF	A8		03A			
11437		XA422	13									T003S0X	02	TD03SA	01	2	TQ2	A4		06B			
11438		XA227	23		XA229	18			16B	9		T00300	01	TD0300	00	1	TS8	B1		11B	TD REG BIT 03 OR		
11439		XA229	18									T00300	02	TD03BI	01	1	TDD	DI		10A			
11440		XA326	27		XA227	18			16B	9		T0031A	01	TD031A	00	1	TQ2	B4		13B	XFER TC03 TO TDO		
11441		XA227	18									T0031A	02	TD0300	01	2	TS8	B1		10A			
11442		XA227	14		XA326	38			16B	9		T0032A	01	TD0300	01	1	TS8	B1		09A			
11443		XA326	38									T0032A	02	TD032A	00	1	TQ2	C1		18A	UPDATE TC03 TO T		
11444		XA240	75		XA227	19			16B	9		T0033A	01	TD033A	00	1	TQ2	F1		37B	BYTE 1 XFER BIT		
11445		XA227	19									T0033A	02	TD0300	01	3	TS8	B1		09B			
11446		XA124	63		XA227	24			16B	9		TD034A	01	TD034A	00	1	TQ2	E4		33B	DATA BUS XFER BI		
11447		XA227	24									TD034A	02	TD0300	01	6	TS8	B1		13A			
11448		XA237	14		XA227	22			16B	9		T0036A	01	TD036A	00	1	TQ2	B2		09A	TE TO TD BYTE MO		
11449		XA227	22									T0036A	02	TD0300	01	5	TS8	B1		12A			
11450		XA302	18		XA417	25		BB	1EB	0		TD04ADG4	01				EXT						
11451		XA417	25									TD04ADG4	02				DCF						

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	PREFIX	CONNECTOR	PIN	WIRE NO	PREFIX	CONNECTOR	PIN	WIRE NO	MULTI GROUP	CODE	COLOR	IDENT												
11454		XA302	17		XA417	27		BB	1EB	9			TD04ADX4	005										
11452		XA417	27		XA411	17			16B	9			TD04ADX4	01	TD04ADX400	1	EXT	DCF	B1		10B	EXT DATA OUTPUT L		
11453		XA411	17										TD04ADX4	02			RR4	B4						
11455		XA231	37		XA229	35			16B	9			TD04BP	01	T0504A	01	2	TQ2	C4		18B			
11456		XA229	35		XA226	36			16B	9			TD04BP	02	TD04BP	00	1	TDD	EP		17B	TD REG BIT 04 RE		
11457		XA226	36										TD04BP	03	TD04C0	01	1	THI	C3		16A			
11458		XA127	77		XA231	29			16B	9			TD04BQ	01	TD04CD	01	1	TLD	F1		38B			
11459		XA231	29		XA231	34			16B	9			TD04BQ	02	T0405A	01	1	TQ2	C3		14B			
11460		XA231	34		XA231	42			16B	9			TD04BQ	03	TF044A	01	1	TQ2	C2		16A			
11461		XA231	42		XA229	37			16B	9			TD04BQ	04	TF043A	01	2	TQ2	C1		20A			
11462		XA229	37		XA329	40			16B	9			TD04BQ	05	TD04BQ	00	1	TDD	EQ		18B	TD REG BIT 04 SE		
11463		XA329	40		XA419	31			16B	9			TD04BQ	06	TC04BI	01	1	TDD	EI		19A			
11464		XA419	31										TD04BQ	07	TD04SOX	01	1	DCF	B2		12B			
11465		XA127	75								J	TD04CD	01	TD04CD	00	1	TLD	F1			37B	JDB04B4 BUSS		
11466		XA212	42		XA212	34			16B	9			TD04C0	01	K0104A	01	2	TQ2	C1		20A			
11467		XA212	34		XA226	34			16B	9			TD04C0	02	K0204A	01	1	TQ2	C2		16A			
11468		XA226	34										TD04C0	03	TD04C0	00	1	THI	C3		15A	TD BIT 4 UNLOAD		
11469		XA129	25		XA422	22			16B	9			TD04SA	01	T05040	01	3	TD4	B1		12B			
11470		XA422	22										TD04SA	02	TD04SA	00	1	TQ2	B1		12A	MEMORY DATA INPU		
11471		XA419	27								J	TD04SOX	01	TD04SOX	00	1	DCF	B1			10B	YI04CB4 BUSS		
11472		XA419	29		XA422	26			16B	9			TD04SOX	01	TD04SOX	00	1	DCF	B2		11B			
11473		XA422	26										TD04SOX	02	TD04SA	01	2	TQ2	B1		14A			
11474		XA228	35		XA229	40			16B	9			TD0400	01	TD0400	00	1	TS8	C1		17B	TD REG BIT 04 OR		
11475		XA229	40										TD0400	02	TD04BI	01	1	TDD	EI		19A			
11476		XA224	45		XA228	30			16B	9			TD041A	01	TD041A	00	1	TQ2	D3		24B	XFER TC04 TO TD0		
11477		XA228	30										TD041A	02	TD0400	01	1	TS8	C1		15A			
11478		XA228	42		XA326	30			16B	9			TD042A	01	TD0400	01	8	TS8	C1		20A			
11479		XA326	30										TD042A	02	TD042A	00	1	TQ2	C2		15A	UPDATE TC04 TO T		
11480		XA240	63		XA228	31			16B	9			TD043A	01	TD043A	00	1	TQ2	E4		33B	BYTE 1 XFER BIT		
11481		XA228	31										TD043A	02	TD0400	01	2	TS8	C1		15B			
11482		XA124	75		XA228	40			16B	9			TD044A	01	TD044A	00	1	TQ2	F1		37B	DATA BUS XFER BI		
11483		XA228	40										TD044A	02	TD0400	01	7	TS8	C1		19A			
11484		XA234	21		XA228	38			16B	9			TD046A	01	TD046A	00	1	TQ2	B3		10B	TE TO TD BYTE MD		
11485		XA228	38										TD046A	02	TD0400	01	6	TS8	C1		18A			
												****	SIGNAL	(TD05ADG4)	IS ON THE NEXT PAGE ****									

DRAWING NUMBER		UNIT ASSEMBLY NAME										STRING		UNIT ASSEMBLY NO.		REV		INDEX		
149019-800		CARD CAGE ASSY, I/O UNIT												149019		G		TDJ5ADG4		
UNIT ASSEMBLY NAME												T39BJUX2		DATE		PAGE				
														09-03-82		173				
RECORD NUMBER	PREFIX	CONNECTOR	PIN	PPCFIX	CONNECTOR	PIN	WIRE	CODE	COLOR	IDENT	SIGNAL	SEC NO	EQUATION	FORM	FACTOR	CKT OP CHG TYPE	LOAD OR POWER PLANE	TEST POINTS AND/OR	SIGNAL DESCRIPTION	ECO NO
11486		XA302	20		XA417	39	BC	1E8	0		TD05ADG4	01				EXT				
11487		XA417	39								TD05ADG4	02				DCF				
11490		XA302	19		XA417	37	BC	1E8	9		TD05ADX4	005				EXT				
11488		XA417	37		XA411	19		16B	9		TD05ADX4	01	TD05ADX400	1	DCF	B3	15B		EXT DATA OUTPUT L	
11489		XA411	19								TD05ADX4	02			RR4	B5				
11491		XA231	35		XA229	33		16B	9		TD05BP	01	TJ0504A	01	1	TQ2	C4	17B		
11492		XA229	33		XA226	29		16B	9		TD05BP	02	TD05BP	00	1	TDD	FP	16B	TD REG BIT 05 RE	
11493		XA226	29								TD05BP	03	TD05C0	01	1	THI	C4	15B		
11494		XA127	73		XA229	31		16B	9		TD05BQ	01	TD05C0	01	2	TLD	F2	36B		
11495		XA229	31		XA231	31		16B	9		TD05BQ	02	TD05BQ	00	1	TDD	FQ	15B	TD REG BIT 05 SE	
11496		XA231	31		XA230	29		16B	9		TD05BQ	03	T0405A	01	2	TQ2	C3	15B		
11497		XA230	29		XA230	35		16B	9		TD05BQ	04	TF053A	01	1	TQ2	C3	14B		
11498		XA230	35		XA329	34		16B	9		TD05BQ	05	TF054A	01	1	TQ2	C4	17B		
11499		XA329	34		XA419	33		16B	9		TD05BQ	06	TC05BT	01	1	TDD	FI	16A		
11500		XA419	33								TD05BQ	07	TD05S0X	01	1	DCF	B4	13B		
11501		XA127	72							J	TD05CD	01	TD05C0	00	1	TLD	F2	34A	JDB05B4 BUSS	
11502		XA212	35		XA212	31		16B	9		TD05C0	01	K0205A	01	1	TQ2	C4	17B		
11503		XA212	31		XA226	30		16B	9		TD05C0	02	K0105A	01	2	TQ2	C3	15B		
11504		XA226	30								TD05C0	03	TD05C0	00	1	THI	C4	14B	TD BIT 5 UNLOAD	
11505		XA129	14		XA422	14		16B	9		TD05SA	01	TD050	01	1	TD4	B2	09A		
11506		XA422	14								TD05SA	02	TD055A	00	1	TQ2	B2	09A	MEMORY DATA INPU	
11507		XA419	37							J	TD05SDX	01	TD05SDX	00	1	DCF	B3	15B	YI05CB4 BUSS	
11508		XA419	35		XA422	20		16B	9		TD05S0X	01	TD05S0X	00	1	DCF	B4	14B		
11509		XA422	20								TD05S0X	02	TD055A	01	2	TQ2	B2	11A		
11510		XA227	35		XA229	34		16B	9		TD0500	01	TD0500	00	1	TS8	C1	17B	TD REG BIT 05 OR	
11511		XA229	34								TD0500	02	TD05BT	01	1	TDD	FI	16A		
11512		XA328	39		XA227	42		16B	9		TD051A	01	TD051A	00	1	TQ2	C4	19B	XFER TC05 TO TD0	
11513		XA227	42								TD051A	02	TD0500	01	8	TS8	C1	20A		
11514		XA227	30		XA327	20		16B	9		TD052A	01	TD0500	01	1	TS8	C1	15A		
11515		XA327	20								TD052A	02	TD052A	00	1	TT3	B1	11A	UPDATE TC05 TO T	
11516		XA240	57		XA227	34		16B	9		TD053A	01	TD053A	00	1	TQ2	E3	30B	BYTE 1 XFER BIT	
11517		XA227	34								TD053A	02	TD0500	01	3	TS8	C1	16A		
11518		XA124	72		XA227	38		16B	9		TD054A	01	TD054A	00	1	TQ2	F2	34A	DATA BUS XFER BI	
11519		XA227	38								TD054A	02	TD0500	01	6	TS8	C1	18A		
11520		XA235	38		XA227	31		16B	9		TD056A	01	TD056A	00	1	TQ2	C1	18A	TE TO TD BYTE MO	
11521		XA227	31								TD056A	02	TD0500	01	2	TS8	C1	15B		

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DRAWING NUMBER 149019-800			UNIT ASSEMBLY NAME CARD CAGE ASSY, I/O UNIT		STRING	UNIT ASSEMBLY NO. 149019	REV G	FIG 09-03-82	NO. OF PAGES 174														
RECORD NUMBER	PREFIX	CONNECTOR	PIN	SKTG	PREFIX	CONNECTOR	PIN	MULTI GROUP	WIRE CODE	COLOR	WIRE IDENT	SIGNAL	TERMINATION	EQUATION	WIRE NO.	CRK UNIT	CRK TYPE	WIRE NO.	CRK TYPE	TERMINATION	DESCRIPTION	ECO NO.	
11522		XA302	22																				
11523		XA417	42			XA417	42		BD	1E8	0												
11526		XA302	21			XA417	41		BD	1E3	9												
11524		XA417	41			XA411	36		16B	9													
11525		XA411	36																				
11527		XA231	49			XA229	47		16B	9													
11528		XA229	47			XA226	50		16B	9													
11529		XA226	50																				
11530		XA127	74			XA229	49		16B	9													
11531		XA229	49			XA231	41		16B	9													
11532		XA231	41			XA231	48		16B	9													
11533		XA231	48			XA231	54		16B	9													
11534		XA231	54			XA329	54		16B	9													
11535		XA329	54			XA419	38		16B	9													
11536		XA419	38																				
11537		XA127	69									J											
11538		XA212	56			XA212	48		16B	9													
11539		XA212	48			XA226	48		16B	9													
11540		XA226	48																				
11541		XA129	42			XA422	21		16B	9													
11542		XA422	21																				
11543		XA419	41									J											
11544		XA419	40			XA422	19		16B	9													
11545		XA422	19																				
11546		XA228	47			XA229	54		16B	9													
11547		XA229	54																				
11548		XA328	46			XA228	43		16B	9													
11549		XA228	43																				
11550		XA228	56			XA224	63		16B	9													
11551		XA224	63																				
11552		XA240	60			XA228	46		16B	9													
11553		XA228	46																				
11554		XA124	69			XA228	54		16B	9													
11555		XA228	54																				
												**** SIGNAL (T0066A) IS ON THE NEXT PAGE ****											

DRAWING NUMBER 149019-800
UNIT ASSEMBLY NAME CARD CAGE ASSY, I/O UNIT

STRING

UNIT ASSEMBLY NO. 149019
INDEX T0066A
FILE IDENT T39BIUX2
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RECORD NUMBER	FROM			TO			WIRE				SIGNAL	SFQ NO	EQUATION	TERM	FACTOR	CKT OR CHIP TYPE	PROOF	LOAD OR POWER PLANE	TEST POINTS AND/OR	SIGNAL DESCRIPTION	ECO NO
	PREFIX	CONNECTOR	PIN	PREFIX	CONNECTOR	PIN	WIRE NO	GROUP	CODE	COLOR											
11556		XA237	39		XA228	52			16B	9		T0066A	01	T0066A	00	1	TQ2	C4	19B	TE TO TD BYTE MO	
11557		XA228	52									T0066A	02	T00600	01	6	TS8	D1	24A		
11558		XA302	24		XA417	21			BE	1EB	0	TD07ADG4	01				EXT				
11559		XA417	21									TD07ADG4	02				DCF				
11562		XA302	23		XA417	23			BE	1EB	9	TD07ADX4	005				EXT				
11560		XA417	23		XA411	38			16B	9		TD07ADX4	01	TD07ADX4	00	1	DCF	B7	10A	EXT DATA OUTPUT L	
11561		XA411	38									TD07ADX4	02				RR4	C2			
11563		XA231	47		XA229	45			16B	9		TD07BP	01	T0706A	01	1	TQ2	D4	25B	TD REG BIT 07 RE	
11564		XA229	45		XA226	41			16B	9		TD07BP	02	TD07BP	00	1	TDD	HP	24B		
11565		XA226	41									TD07BP	03	TD07C0	01	1	THI	D4	23B		
11566		XA127	78		XA229	43			16B	9		TD07BQ	01	TD07CD	01	2	TLD	F4	38A	TD REG BIT 07 SE	
11567		XA229	43		XA231	43			16B	9		TD07BQ	02	TD07BQ	00	1	TDD	HQ	23B		
11568		XA231	43		XA230	43			16B	9		TD07BQ	03	T0607A	01	2	TQ2	D3	23B		
11569		XA230	43		XA230	49			16B	9		TD07BQ	04	TF073A	01	2	TQ2	D3	23B		
11570		XA230	49		XA329	48			16B	9		TD07BQ	05	TF074A	01	2	TQ2	D4	26B		
11571		XA329	48		XA419	34			16B	9		TD07BQ	06	TC07BI	01	1	TDD	HI	22A		
11572		XA419	34									TD07BQ	07	TD07S0X	01	1	DCF	B8	12A		
11573		XA127	80								J	TD07CD	01	TD07CD	00	1	TLD	F4	39A	JDB07B4 BUSS	
11574		XA212	43		XA212	47			16B	9		TD07C0	01	K0107A	01	2	TQ2	D3	23B		
11575		XA212	47		XA226	46			16B	9		TD07C0	02	K0207A	01	1	TQ2	D4	25B		
11576		XA226	46									TD07C0	03	TD07C0	00	1	THI	D4	22B	TD BIT 7 UNLOAD	
11577		XA129	30		XA422	27			16B	9		TD07SA	01	TDS070	01	1	TD4	C2	15A	MEMORY DATA INPU	
11578		XA422	27									TD07SA	02	TD07SA	00	1	TQ2	B4	13B		
11579		XA419	23								J	TD07SDX	01	TD07SDX	00	1	DCF	B7	10A	YI07CB4 BUSS	
11580		XA419	30		XA422	25			16B	9		TD07S0X	01	TD07S0X	00	1	DCF	B8	11A		
11581		XA422	25									TD07S0X	02	TD07SA	01	2	TQ2	B4	12B		
11582		XA227	47		XA229	48			16B	9		TD0700	01	TD0700	00	1	TS8	D1	25B	TD REG BIT 07 OR	
11583		XA229	48									TD0700	02	TD07BI	01	1	TDD	HI	22A		
11584		XA328	45		XA227	54			16B	9		TD071A	01	TD071A	00	1	TQ2	D3	24B	XFER TC07 TO TD0	
11585		XA227	54									TD071A	02	TD0700	01	7	TS8	D1	25A		
11586		XA227	56		XA328	51			16B	9		TD072A	01	TD0700	01	8	TS8	D1	26A	UPDATE TC07 TO T	
11587		XA328	51									TD072A	02	TD072A	00	1	TQ2	D4	27B		
11588		XA240	66		XA227	43			16B	9		TD073A	01	TD073A	00	1	TQ2	E1	31A	BYTE 1 XFER BIT	
11589		XA227	43									TD073A	02	TD0700	01	1	TS8	D1	23B		
11590		XA124	80		XA227	52			16B	9		TD074A	01	TD074A	00	1	TQ2	F4	39A	DATA BUS XFER BI	
11591		XA227	52									TD074A	02	TD0700	01	6	TS8	D1	24A		

DRAWING NUMBER		149019-800		STRING		UNIT ASSEMBLY NO.		149019		REV		G		INDEX		T0074A					
UNIT ASSEMBLY NAME		CARD CAGE ASSY, I/O UNIT		FILE IDENT		T398IUX2		DATE		09-03-82		PAGE		176							
RECORD NUMBER	FROM			TO			WIRE			SIGNAL	SEQ NO	EQUATION	TERM	FACTOR	CKT OR CHIP TYPE	DIM	LOAD OR POWER PLANE	TEST POINTS AND DR	SIGNAL DESCRIPTION	ECO NO	
	PREFIX	CONNECTOR	PIN	PIN	CONNECTOR	PIN	MULTI GROUP	CODE	COLOR												IDENT
11592		XA237	51		XA227	46			16B	9		TD076A	01	TD076A	00	1	TQ2	D4	27B	TE TO TD BYTE MO	
11593		XA227	46									TD076A	02	TD0700	01	2	TS8	D1	21A		
11594		XA231	61		XA229	59			16B	9		TD088P	01	T0908A	01	2	TQ2	E4	32B		
11595		XA229	59		XA226	62			16B	9		TD088P	02	TD088P	00	1	TDD	JP	31B	TD REG BIT 08 RE	
11596		XA226	62		XA332	65			16B	9		TD088P	03	TD08C0	01	1	THI	E3	29A		
05573		XA332	65									TD088P	04	TC0810	01	1	TQ2	F3	34B		
11597		XA126	10		XA229	61			16B	9		TD088Q	01	TD08C0	01	2	TLD	A1	07A	TD REG BIT 08 SE	
11598		XA229	61		XA231	55			16B	9		TD088Q	02	TD088Q	00	1	TDD	JQ	32B		
11599		XA231	55		XA231	70			16B	9		TD088Q	03	T0809A	01	2	TQ2	E3	29B		
11600		XA231	70		XA230	68			16B	9		TD088Q	04	TF005A	01	2	TQ2	E1	33A		
11601		XA230	68		XA419	49			16B	9		TD088Q	05	TF083A	01	1	TQ2	E1	32A		
11603		XA419	49									TD088Q	07	TD08SOX	01	1	DCF	C2	27B		
11604		XA126	06								J	TD08CD	01	TD08CD	00	1	TLD	A1	05A	JDB08B4 BUSS	
11605		XA212	70		XA212	62			16B	9		TD08C0	01	K0108A	01	2	TQ2	E1	33A		
11606		XA212	62		XA226	60			16B	9		TD08C0	02	K0208A	01	1	TQ2	E2	29A		
11607		XA226	60									TD08C0	03	TD08C0	00	1	THI	E3	28A	TD BIT 8 UNLOAD	
11608		XA128	30		XA422	38			16B	9		TD08SA	01	TDS080	01	1	TS8	C1	15A		
11609		XA422	38									TD08SA	02	TD08SA	00	1	TQ2	C1	18A	MEMORY DATA INPU	
11610		XA419	46								J	TD08SDX	01	TD08SDX	00	1	DCF	C1	25B	YI08CB4 BUSS	
11611		XA422	42		XA419	47			16B	9		TD08SOX	01	TD08SA	01	2	TQ2	C1	20A		
11612		XA419	47									TD08SOX	02	TD08SOX	00	1	DCF	C2	26B		
11613		XA228	59		XA229	68			16B	9		TD0800	01	TD0800	00	1	TS8	E1	31B	TD REG BIT 08 OR	
11614		XA229	68									TD0800	02	TD08B1	01	1	TDD	J1	32A		
11615		XA328	66		XA228	55			16B	9		TD081A	01	TD081A	00	1	TQ2	E1	31A	XFER TC08 TO TD0	
11616		XA228	55									TD081A	02	TD0800	01	1	TS8	E1	29B		
11617		XA206	51		XA228	70			16B	9		TD082A	01	TD082A	00	1	TT3	D3	27B	UPDATE TC08 TO T	
11618		XA228	70									TD082A	02	TD0800	01	8	TS8	E1	33A		
11619		XA240	51		XA228	64			16B	9		TD083A	01	TD083A	00	1	TQ2	D4	27B	BYTE 2 XFER BIT	
11620		XA228	64									TD083A	02	TD0800	01	5	TS8	E1	30A		
11621		XA123	06		XA228	68			16B	9		TD084A	01	TD084A	00	1	TQ2	A1	05A	DATA BUS XFER RI	
11622		XA228	68									TD084A	02	TD0800	01	7	TS8	E1	32A		
11623		XA235	06		XA228	66			16B	9		TD086A	01	TD086A	00	1	TQ2	A1	05A	INPUT BYTE 2 TEO	
11624		XA228	66									TD086A	02	TD0800	01	6	TS8	E1	31A		
11625		XA231	59		XA229	57			16B	9		TD09BP	01	T0908A	01	1	TQ2	E4	31B		
										****	SIGNAL (TD09BP)	IS ON THE NEXT PAGE ****									

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DRAWING NUMBER 149019-800
 UNIT ASSEMBLY NAME CARD CAGE ASSY, I/O UNIT

STRING

UNIT ASSEMBLY NO. 149019
 FILE IDENT T39BIUX2

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 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	SH PG	MULTI GROUP	CODE	COLOR												IDENT
11626		XA229	57		XA226	55			16B	9		TD09BP	02	TD09BP	00	1	TDD	KP		30B	TD REG BIT 09 RE	
11627		XA226	55									TD09BP	03	TD09CO	01	1	THI	E4		29B		
11628		XA126	04		XA229	55			16B	9		TD09BQ	01	TD09CD	01	1	TLD	A2		04A		
11629		XA229	55		XA230	53			16B	9		TD09BQ	02	TD09BQ	00	1	TDD	KQ		29B	TD REG BIT 09 SE	
11630		XA230	53		XA231	53			16B	9		TD09BQ	03	TF015A	01	1	TQ2	E3		28B		
11631		XA231	53		XA230	64			16B	9		TD09BQ	04	T0809A	01	1	TQ2	E3		28B		
11632		XA230	64		XA329	62			16B	9		TD09BQ	05	TF093A	01	2	TQ2	E2		30A		
11633		XA329	62		XA419	51			16B	9		TD09BQ	06	TC09B1	01	1	TDD	KI		29A		
11634		XA419	51									TD09BQ	07	TD09SOX	01	1	DCF	C4		28B		
11635		XA126	01								J	TD09CD	01	TD09CD	00	1	TLD	A2		02B	JDB09B4 BUSS	
11636		XA212	59		XA212	55			16B	9		TD09CO	01	K0209A	01	1	TQ2	E4		31B		
11637		XA212	55		XA226	56			16B	9		TD09CO	02	K0109A	01	2	TQ2	E3		29B		
11638		XA226	56									TD09CO	03	TD09CO	00	1	THI	E4		28B	TD BIT 9 UNLOAD	
11639		XA128	46		XA422	30			16B	9		TD09SA	01	TDS090	01	2	TS8	D1		21A		
11640		XA422	30									TD09SA	02	TD09SA	00	1	TQ2	C2		15A	MEMORY DATA INPU	
11641		XA419	55								J	TD09SDX	01	TD09SDX	00	1	DCF	C3		30B	YI09CB4 BUSS	
11642		XA419	56		XA422	36			16B	9		TD09SOX	01	TD09SOX	00	1	DCF	C4		29B		
11643		XA422	36									TD09SOX	02	TD09SA	01	2	TQ2	C2		17A		
11644		XA227	59		XA229	62			16B	9		TD0900	01	TD0900	00	1	TS8	E1		31B	TD REG BIT 09 OR	
11645		XA229	62									TD0900	02	TD09B1	01	1	TDD	KI		29A		
11646		XA328	63		XA227	70			16B	9		TD091A	01	TD091A	00	1	TQ2	E4		33B	XFER TC09 TO TDO	
11647		XA227	70									TD091A	02	TD0900	01	8	TS8	E1		33A		
11648		XA230	80		XA227	55			16B	9		TD092A	01	TD092A	00	1	TQ2	F4		39A	UPDATE TC09 TO T	
11649		XA227	55									TD092A	02	TD0900	01	1	TS8	E1		29B		
11650		XA240	45		XA227	66			16B	9		TD093A	01	TD093A	00	1	TQ2	D3		24B	BYTE 2 XFER BIT	
11651		XA227	66									TD093A	02	TD0900	01	6	TS8	E1		31A		
11652		XA123	01		XA227	68			16B	9		TD094A	01	TD094A	00	1	TQ2	A2		02B	DATA BUS XFER BI	
11653		XA227	68									TD094A	02	TD0900	01	7	TS8	E1		32A		
11654		XA237	09		XA227	64			16B	9		TD096A	01	TD096A	00	1	TQ2	A3		04B	INPUT BYTE 2 TEO	
11655		XA227	64									TD096A	02	TD0900	01	5	TS8	E1		30A		
11656		XA226	69		XA229	76			16B	9		TD10BP	01	TD10CO	01	1	THI	F3		35B		
11657		XA229	76		XA231	78			16B	9		TD10BP	02	TD10BP	00	1	TDD	LP		37A	TD REG BIT 10 RE	
11658		XA231	78									TD10BP	03	T1110A	01	2	TQ2	F4		38A		
11659		XA126	07		XA231	65			16B	9		TD10BQ	01	TD10CO	01	2	TLD	A3		03A		
11660		XA231	65		XA231	71			16B	9		TD10BQ	02	T1011A	01	1	TQ2	F3		34B		
11661		XA231	71		XA231	79			16B	9		TD10BQ	03	TF103A	01	1	TQ2	F2		36A		
											****	SIGNAL	(TD10BQ)	IS ON THE	NEXT PAGE	****						

DRAWING NUMBER 149019-800
UNIT ASSEMBLY NAME CARD CAGE ASSY,I/O UNIT

STRING

UNIT ASSEMBLY NO. 149019
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RECORD NUMBER	FROM				TO				WIRE			SFC INST	SIGNAL	SEC NO	EQUATION	TERM FACTOR	CKT OR CHIP TYPE	GROUP	LOAD OR POWER PLANE	TEST POINTS AND/OR	SIGNAL DESCRIPTION	ECO NO	
	PREFIX	CONNECTOR	PIN	SH. FC	PREFIX	CONNECTOR	PIN	SH. FC	MULTI GROUP	CODE	COLOR												IDENT
11662		XA231	79		XA229	78			16B	9			TD10BQ	04	TF025A	01	2	TQ2	F1		39B		
11663		XA229	78		XA329	77			16B	9			TD10BQ	05	TD10BQ	00	1	TDD	LQ		38A	TD REG BIT 10 SE	
11664		XA329	77		XA419	54			16B	9			TD10BQ	06	TC10BI	01	1	TDD	LI		38B		
11665		XA419	54										TD10BQ	07	TD10SOX	01	1	DCF	C6		30A		
11666		XA126	09									J	TD10CD	01	TD10CD	00	1	TLD	A3		04B	JDB10B4 BUSS	
11667		XA212	79		XA212	71			16B	9			TD10C0	01	K0110A	01	2	TQ2	F1		39B		
11668		XA212	71		XA226	70			16B	9			TD10C0	02	K0210A	01	1	TQ2	F2		36A		
11669		XA226	70										TD10C0	03	TD10C0	00	1	THI	F3		34B	TD BIT 10 UNLOAD	
11670		XA129	49		XA422	33			16B	9			TD10SA	01	TDS100	01	1	TD4	D1		26B		
11671		XA422	33										TD10SA	02	TD10SA	00	1	TQ2	C3		16B	MEMORY DATA INPU	
11672		XA419	60									J	TD10SOX	01	TD10SOX	00	1	DCF	C5		31B	YI10CB4 BUSS	
11673		XA419	57		XA422	31			16B	9			TD10SOX	01	TD10SOX	00	1	DCF	C6		31A		
11674		XA422	31										TD10SOX	02	TD10SA	01	2	TQ2	C3		15B		
11675		XA228	76		XA229	77			16B	9			TD1000	01	TD1000	00	1	TS8	F1		37A	TD REG BIT 10 OR	
11676		XA229	77										TD1000	02	TD10BI	01	1	TDD	LI		38B		
11677		XA328	75		XA228	71			16B	9			TD101A	01	TD101A	00	1	TQ2	F1		37B	XFER TC10 TO TD1	
11678		XA228	71										TD101A	02	TD1000	01	1	TS8	F1		36A		
11679		XA228	72		XA326	75			16B	9			TD102A	01	TD1000	01	2	TS8	F1		34A		
11680		XA326	75										TD102A	02	TD102A	00	1	TQ2	F1		37B	UPDATE TC10 TO T	
11681		XA240	46		XA228	77			16B	9			TD103A	01	TD103A	00	1	TQ2	D2		21A	BYTE 2 XFER BIT	
11682		XA228	77										TD103A	02	TD1000	01	6	TS8	F1		38B		
11683		XA123	09		XA228	79			16B	9			TD104A	01	TD104A	00	1	TQ2	A3		04B	DATA BUS XFER BI	
11684		XA228	79										TD104A	02	TD1000	01	8	TS8	F1		39B		
11685		XA234	15		XA228	78			16B	9			TD106A	01	TD106A	00	1	TQ2	A4		07B	INPUT BYTE 2 TE0	
11686		XA228	78										TD106A	02	TD1000	01	7	TS8	F1		38A		
11687		XA423	33		XA228	73			16B	9			TD107A	01	TD107A	00	1	TQ2	C3		16B	XFR KMR17 TO TD10	
11688		XA228	73										TD107A	02	TD1000	01	3	TS8	F1		36B		
11689		XA226	74		XA229	69			16B	9			TD11BP	01	TD11C0	01	1	THI	F4		35A		
11690		XA229	69		XA231	76			16B	9			TD11BP	02	TD11BP	00	1	TDD	MP		35A	TD REG BIT 11 RE	
11691		XA231	76										TD11BP	03	T1110A	01	1	TQ2	F4		37A		
11692		XA126	13		XA230	61			16B	9			TD11BQ	01	TD11CD	01	2	TLD	A4		06B		
11693		XA230	61		XA231	74			16B	9			TD11BQ	02	TF035A	01	2	TQ2	E4		32B		
11694		XA231	74		XA229	74			16B	9			TD11BQ	03	T1011A	01	2	TQ2	F3		35B		
11695		XA229	74		XA230	77			16B	9			TD11BQ	04	TD11BQ	00	1	TDD	MQ		35B	TD REG BIT 11 SE	
11696		XA230	77		XA329	71			16B	9			TD11BQ	05	TF113A	01	1	TQ2	F1		38B		
11697		XA329	71		XA419	50			16B	9			TD11BQ	06	TC11BI	01	1	TDD	MI		36A		
												****	SIGNAL	(TD11BQ)	IS ON THE NEXT PAGE				****				

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 FILE IDENT T39BIUX2

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RECORD NUMBER	FROM			TO			WIRE				SIGNAL	SFG NO	EQUATION	TERM FACTOR	CKT OR CHIP TYPE	GROUP	LOAD OR POWER PLANS	TEST POINTS AND/OR	SIGNAL DESCRIPTION	ECO NO	
	PREFIX	CONNECTOR	PIN	PREFIX	CONNECTOR	PIN	WIRE NO	MULTI GROUP	CODE	COLOR											IDENT
11698		XA419	50									TD11BQ	07	TD11SOX	01	1	DCF	C8		28A	
11699		XA126	15								J	TD11CD	01	TD11CD	00	1	TLD	A4		07B	JDB11B4 BUSS
11700		XA212	76		XA212	74			16B	9		TD11CO	01	K0211A	01	1	TQ2	F4		37A	
11701		XA212	74		XA226	72			16B	9		TD11CO	02	K0111A	01	2	TQ2	F3		35B	
11702		XA226	72									TD11CO	03	TD11CO	00	1	TH1	F4		34A	TD BIT 11 UNLOAD
11703		XA129	43		XA422	39			16B	9		TD11SA	01	TDS110	01	1	TD4	D2		23B	
11704		XA422	39									TD11SA	02	TD11SA	00	1	TQ2	C4		19B	MEMORY DATA INPU
11705		XA419	43								J	TD11SOX	01	TD11SOX	00	1	DCF	C7		25A	YI11CB4 BUSS
11706		XA419	48		XA422	37			16B	9		TD11SOX	01	TD11SOX	00	1	DCF	C8		26A	
11707		XA422	37									TD11SOX	02	TD11SA	01	2	TQ2	C4		18B	
11708		XA229	71		XA424	59			16B	9		TD1100	01	TD11B1	01	1	TDD	MI		36A	
11709		XA424	59									TD1100	02	TD1100	00	1	TS8	E1		31B	TD REG BIT 11 OR
11710		XA328	80		XA424	55			16B	9		TD111A	01	TD111A	00	1	TQ2	F4		39A	XFER TC10 TO TD1
11711		XA424	55									TD111A	02	TD1100	01	1	TS8	E1		29B	
11712		XA240	52		XA424	60			16B	9		TD113A	01	TD113A	00	1	TQ2	D1		24A	BYTE 2 XFER BIT
11713		XA424	60									TD113A	02	TD1100	01	2	TS8	E1		28A	
11714		XA123	15		XA424	62			16B	9		TD114A	01	TD114A	00	1	TQ2	A4		07B	DATA BUS XFER BI
11715		XA424	62									TD114A	02	TD1100	01	4	TS8	E1		29A	
11716		XA424	61		XA235	14			16B	9		TD116A	01	TD1100	01	3	TS8	E1		32B	
11717		XA235	14									TD116A	02	TD116A	00	1	TQ2	B2		09A	INPUT BYTE 2 TE0
11718		XA423	39		XA424	64			16B	9		TD117A	01	TD117A	00	1	TQ2	C4		19B	XFR KMR18 TO TD11
11719		XA424	64									TD117A	02	TD1100	01	5	TS8	E1		30A	
11720		XA223	11		XA224	08			16B	9		TD12BP	01	TD12BP	00	1	TDD	AP		05B	TD REG BIT 12 RE
11721		XA224	08		XA226	09			16B	9		TD12BP	02	T1312A	01	1	TQ2	A1		06A	
11722		XA226	09		XA230	10			16B	9		TD12BP	03	TD12C3	01	1	TH1	A5		05B	
11723		XA230	10		XA343	77			16B	9		TD12BP	04	TS051A	01	2	TQ2	A1		07A	
11724		XA343	77									TD12BP	05	TS4N1A	01	2	TT3	F1		38B	
11725		XA126	26		XA224	04			16B	9		TD12BQ	01	TD12C0	01	2	TLD	B1		14A	
11726		XA224	04		XA224	03			16B	9		TD12BQ	02	T1213A	01	1	TQ2	A2		04A	
11727		XA224	03		XA224	13			16B	9		TD12BQ	03	TF045A	01	1	TQ2	A3		02A	
11728		XA224	13		XA223	13			16B	9		TD12BQ	04	TF123A	01	2	TQ2	A4		06B	
11729		XA223	13		XA321	08			16B	9		TD12BQ	05	TD12BQ	00	1	TDD	AQ		06B	TD REG BIT 12 SE
11730		XA321	08		XA340	30			16B	9		TD12BQ	06	TC12B1	01	1	TDD	AI		06A	
11731		XA340	30									TD12BQ	07	TS133A	01	2	TT3	C2		15A	
11732		XA126	22								J	TD12CD	01	TD12CD	00	1	TLD	B1		12A	JDB12B4 BUSS
												**** SIGNAL (TD12C0) IS ON THE NEXT PAGE ****									

DRAWING NUMBER 149019-800
 UNIT ASSEMBLY NAME CARD CAGE ASSY,I/O UNIT

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RECORD NUMBER	FROM				TO				WIRE				SIGNAL	SEQ NO	EQUATION	TERMINAL	FACTOR	CNT OR CHIP TYPE	WAMP	LOAD ON POWER PLANE	TEST POINTS AND OR	SIGNAL DESCRIPTION	ECO NO	
	PREFIX	CONNECTOR	PIN	SHO	PREFIX	CONNECTOR	PIN	SHO	WIRE GROUP	CODE	COLOR	IDENT												
11733		XA226	07		XA211	04			168	9			TD12C0	01	TD12C0	00	1	THI	A5		04B	TD BIT 12 UNLOAD		
11734		XA211	04		XA211	10			168	9			TD12C0	02	K0212A	01	1	TQ2	A2		04A			
11735		XA211	10		XA419	71			163	9			TD12C0	03	K0112A	01	2	TQ2	A1		07A		805	
11737		XA419	71										TD12C0	05	TD12S0X	01	1	DCF	D2		34B			
11738		XA129	66		XA422	52			168	9			TD12SA	01	TDS120	01	2	TQ4	E1		31A			
11739		XA422	52										TD12SA	02	TD12SA	00	1	TQ2	D1		24A	MEMORY DATA INPU		
11740		XA419	65								J	TD12S0X	01	TD12S0X	00	1	DCF	D1			32B	Y112CB4 BUSS		
11741		XA419	69		XA422	56			168	9			TD12S0X	01	TD12S0X	00	1	DCF	D2		33B			
11742		XA422	56										TD12S0X	02	TD12SA	01	2	TQ2	D1		26A			
11743		XA223	08		XA424	76			168	9			TD1200	01	TD12B1	01	1	TDD	A1		06A			
11744		XA424	76										TD1200	02	TD1200	00	1	TS8	F1		37A	TD REG BIT 12 OR		
11745		XA424	71		XA219	72			168	9			TD121A	01	TD1200	01	1	TS8	F1		36A			
11746		XA219	72										TD121A	02	TD121A	00	1	TQ2	F2		34A	XFER TC12 TO TD1		
11747		XA240	39		XA424	72			168	9			TD123A	01	TD123A	00	1	TQ2	C4		19B	BYTE 2 XFER BIT		
11748		XA424	72										TD123A	02	TD1200	01	2	TS8	F1		34A			
11749		XA123	22		XA424	73			168	9			TD124A	01	TD124A	00	1	TQ2	B1		12A	DATA BUS XFER BI		
11750		XA424	73										TD124A	02	TD1200	01	3	TS8	F1		36B			
11751		XA424	74		XA237	27			168	9			TD126A	01	TD1200	01	4	TS8	F1		35B			
11752		XA237	27										TD126A	02	TD126A	00	1	TQ2	B4		13B	INPUT BYTE 3 TEO		
11753		XA423	52		XA424	75			168	9			TD127A	01	TD127A	00	1	TQ2	D1		24A	XFR KM17 TO TD12		
11754		XA424	75										TD127A	02	TD1200	01	5	TS8	F1		37B			
11755		XA226	15		XA224	10			168	9			TD138P	01	TD13C0	01	1	THI	A6		07B			
11756		XA224	10		XA223	09			168	9			TD138P	02	T1312A	01	2	TQ2	A1		07A			
11757		XA223	09										TD138P	03	TD138P	00	1	TDD	BP		04B	TD REG BIT 13 RE		
11758		XA419	73		XA321	05			168	9			TD138Q	01	TD13S0X	01	1	DCF	D4		35B			
11759		XA321	05		XA223	07			168	9			TD138Q	02	TC13B1	01	1	TDD	B1		03B			
11760		XA223	07		XA224	05			168	9			TD138Q	03	TD138Q	00	1	TDD	BQ		03A	TD REG BIT 13 SE		
11761		XA224	05		XA225	07			168	9			TD138Q	04	T1213A	01	2	TQ2	A2		03B			
11762		XA225	07		XA225	13			168	9			TD138Q	05	TF055A	01	2	TQ2	A3		03A			
11763		XA225	13		XA126	20			168	9			TD138Q	06	TF133A	01	2	TQ2	A4		06B			
11764		XA126	20										TD138Q	07	TD13CD	01	2	TLD	B2		11A			
11765		XA126	14								J	TD13CD	01	TD13CD	00	1	TLD	B2			09A	JDB13B4 BUSS		
11766		XA226	10		XA211	07			168	9			TD13C0	01	TD13C0	00	1	THI	A6		06B	TD BIT 13 UNLOAD		
11767		XA211	07		XA211	11			168	9			TD13C0	02	K0113A	01	2	TQ2	A3		03A			
11768		XA211	11										TD13C0	03	K0213A	01	1	TQ2	A4		05B			
11769		XA422	46		XA129	55			168	9			TD13SA	01	TD13SA	00	1	TQ2	D2		21A	MEMORY DATA INPU		
												****	SIGNAL	(TD13SA)	IS ON THE NEXT PAGE ****									

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UNIT ASSEMBLY NAME		CARD CAGE ASSY,I/O UNIT										PART IDENT		T398IU2		PAGE		09-03-82		PAGE		181	
RECORD NUMBER	PREFIX	CONNECTOR	PIN	FROM	TO	NAME	NO.	GROUP	CODE	CONC	IDENT	SIGNAL	NO.	QUANT	UNIT	GROUP	POWER	PLANE	FEED POSITION	SIGNAL DESCRIPTION	COO NO		
11770		XA129	55									T013SA	02	T01300	01	1	T04	E2	29B				
11771		XA419	78									J T013SDX	01	T013SDX	00	1	DCF	D3	37B	YI13CB4 BUSS			
11772		XA419	75						168	9		T013S0X	01	T013S0X	00	1	DCF	D4	36B				
11773		XA422	50									T013S0X	02	T013SA	01	2	TQ2	D2	23A				
11774		XA222	11						168	9		T01300	01	T01300	00	1	TS8	A1	05B	TD REG BIT 13 CR			
11775		XA223	05									T01300	02	T0138I	01	1	TDD	B1	03B				
11776		XA327	50						168	9		T0131A	01	T0131A	00	1	TT3	D1	23A	XFER TC13 TO T01			
11777		XA222	01									T0131A	02	T01300	01	1	TS8	A1	02B				
11778		XA222	13						168	9		T0132A	01	T01300	01	8	TS8	A1	06B				
11779		XA327	43									T0132A	02	T0132A	00	1	TT3	D2	23B	UPDATE TC13 TO T			
11780		XA240	33						168	9		T0133A	01	T0133A	00	1	TQ2	C3	16B	BYTE 2 XFER BIT			
11781		XA222	04									T0133A	02	T01300	01	2	TS8	A1	04A				
11782		XA123	14						168	9		T0134A	01	T0134A	00	1	TQ2	B2	09A	DATA BUS XFER BI			
11783		XA222	08									T0134A	02	T01300	01	6	TS8	A1	06A				
11784		XA222	05						168	9		T0136A	01	T01300	01	3	TS8	A1	03B				
11785		XA237	30									T0136A	02	T0136A	00	1	TQ2	C2	15A	INPUT BYTE 2 TEO			
11786		XA423	46						168	9		T0137A	01	T0137A	00	1	TQ2	D2	21A	XFR KMR20 TO T013			
11787		XA222	06									T0137A	02	T01300	01	4	TS8	A1	05A				
11788		XA226	21						168	9		T0148P	01	T014C0	01	1	THI	B5	11B				
11789		XA224	20						168	9		T0148P	02	T1514A	01	2	TQ2	B2	11A				
11790		XA223	23									T0148P	03	T0148P	00	1	TDD	CP	11B	TO REG BIT 14 RE			
11791		XA126	17						168	9		T0148Q	01	T014C0	01	1	TLD	B3	08B				
11792		XA225	18						168	9		T0148Q	02	TF143A	01	1	TQ2	B2	10A				
11793		XA225	24						168	9		T0148Q	03	TF065A	01	1	TQ2	B1	13A				
11794		XA223	25						168	9		T0148Q	04	T0148Q	00	1	TDD	CQ	12B	TD REG BIT 14 SE			
11795		XA211	26						168	9		T0148Q	05	K0114A	01	2	TQ2	B1	14A				
11796		XA211	18						168	9		T0148Q	06	K0214A	01	1	T32	B2	10A				
11797		XA327	09						168	9		T0148Q	07	TC142A	01	1	TT3	A3	04B				
11798		XA419	74									T0148Q	08	T01450X	01	1	DCF	D6	37A				
11799		XA126	21									J T014C0	01	T014C0	00	1	TLD	B3	10B	J0B14B4 BUSS			
11800		XA226	19						168	9		T014C0	01	T014C0	00	1	THI	B5	10B	TD REGISTER BIT			
11801		XA224	26									T014C0	02	T1415A	01	2	TQ2	B1	14A				
11802		XA422	45						168	9		T014SA	01	T014SA	00	1	TQ2	D3	24B	MEMORY DATA INPU			
11803		XA129	78									T014SA	02	T01400	01	3	T04	F1	38A				
11804		XA419	80									J T014SDX	01	T014SDX	00	1	DCF	D5	38B	YI14CB4 BUSS			

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 UNIT ASSEMBLY NAME CARD CAGE ASSY, I/O UNIT

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RECORD NUMBER	FROM				TO				WIRE				SIGNAL	SEQ NO	EQUATION	TRX	C L	C K T OF LHM TYPE	DAMP	LOAD UP POWER PLANE	TEST POINTS INCL OR	SIGNAL DESCRIPTION	ECO NO		
	PREFIX	CONNECTOR	PIN	SH FT	PREFIX	CONNECTOR	PIN	SH FT	MULTI GROUP	CODE	COLOR	IDENT												RES	
11805		XA419	76			XA422	43			16B	9			TD14S0X	01	TD14S0X	00	1	DCF	D6		38A			
11806		XA422	43											TD14S0X	02	TD14SA	01	2	TQ2	D3		23B			
11807		XA223	24			XA222	23			16B	9			TD1400	01	TD1481	01	1	TDD	C1		13A			
11808		XA222	23											TD1400	02	TD1400	00	1	TS8	B1		11B		TD REG BIT 14 OR	
11809		XA314	22			XA222	14			16B	9			TD141A	01	TD141A	00	1	TQ2	B1		12A		XFER TC14 TO TD1	
11810		XA222	14											TD141A	02	TD1400	01	1	TS8	B1		09A			
11811		XA222	18			XA314	14			16B	9			TD142A	01	TD1400	01	2	TS8	B1		10A			
11812		XA314	14											TD142A	02	TD142A	00	1	TQ2	B2		09A		UPDATE TC14 TO T	
11813		XA240	30			XA222	19			16B	9			TD143A	01	TD143A	00	1	TQ2	C2		15A		BYTE 2 XFER BIT	
11814		XA222	19											TD143A	02	TD1400	01	3	TS8	B1		09B			
11815		XA123	21			XA222	24			16B	9			TD144A	01	TD144A	00	1	TQ2	B3		10B		DATA BUS XFER BI	
11816		XA222	24											TD144A	02	TD1400	01	6	TS8	B1		13A			
11817		XA222	26			XA235	39			16B	9			TD146A	01	TD1400	01	8	TS8	B1		14A			
11818		XA235	39											TD146A	02	TD146A	00	1	TQ2	C4		19B		INPUT BYTE 2 TEG	
11819		XA208	06			XA222	25			16B	9			TD147A	01	TD147A	00	1	TQ2	A1		05A		CA FIELD TO TD F	
11820		XA222	25											TD147A	02	TD1400	01	7	TS8	B1		12B			
11821		XA226	27			XA224	18			16B	9			TD158P	01	TD15C0	01	1	TH1	B6		13B			
11822		XA224	18			XA223	21			16B	9			TD158P	02	T1514A	01	1	TQ2	B2		10A			
11823		XA223	21											TD158P	03	TD158P	00	1	TDD	DP		10B		TD REG BIT 15 RE	
11824		XA126	25			XA224	23			16B	9			TD158Q	01	TD15C0	01	2	TLD	B4		12B			
11825		XA224	23			XA224	19			16B	9			TD158Q	02	TF153A	01	1	TQ2	B4		11B			
11826		XA224	19			XA223	19			16B	9			TD158Q	03	TF075A	01	2	TQ2	B3		09B			
11827		XA223	19			XA211	19			16B	9			TD158Q	04	TD158Q	00	1	TDD	DQ		09B		TD REG BIT 15 SE	
11828		XA211	19			XA211	23			16B	9			TD158Q	05	K0115A	01	2	TQ2	B3		09B			
11829		XA211	23			XA315	42			16B	9			TD158Q	06	K0215A	01	1	TQ2	B4		11B			
11830		XA315	42											TD158Q	07	TC152A	01	3	TT3	C1		20A			
11831		XA126	27									J	TD15C0	01	TD15C0	00	1	TLD	B4		13B			JOB15B4 BUSS	
11832		XA226	26			XA224	24			16B	9			TD15C0	01	TD15C0	00	1	TH1	B6		12B		TD REGISTER BIT	
11833		XA224	24			XA419	70			16B	9			TD15C0	02	T1415A	01	1	TQ2	B1		13A			
11834		XA419	70											TD15C0	03	TD15S0X	01	1	DCF	D8		35A			
11835		XA129	72			XA422	51			16B	9			TD15SA	01	TD1510	01	2	TD4	F2		34A			
11836		XA422	51											TD15SA	02	TD15SA	00	1	TQ2	D4		27B		MEMORY DATA INPU	
11837		XA419	61									J	TD15SDX	01	TD15SDX	00	1	DCF	D7		33A			YI15C84 BUSS	
11838		XA419	68			XA422	49			16B	9			TD15S0X	01	TD15S0X	00	1	DCF	D8		34A			
										****			SIGNAL (TD15S0X)		IS ON THE										NEXT PAGE ****

DRAWING NUMBER 149019-800
 UNIT ASSEMBLY NAME CARD CAGE ASSY, I/O UNIT

STRING

UNIT ASSEMBLY NO. 149019
 FILE IDENT T398IUX2

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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	U.S.	PREFIX	CONNECTOR	PIN	U.S.	MULTI GROUP	CODE	COLOR	IDENT											
11839		XA422	49										TD15SOX	02	TD15SA	01	2	TQ2	D4		26B		
11840		XA221	11		XA223	18			16B	9			TD1500	01	TD1500	00	1	TS8	A1		05B	TD REG BIT 15 OR	
11841		XA223	18										TD1500	02	TD15BI	01	1	TDD	DI		10A		
11842		XA218	15		XA221	13			16B	9			TD151A	01	TD151A	00	1	TQ2	A4		07B	XFER TC15 TO TD1	
11843		XA221	13										TD151A	02	TD1500	01	8	TS8	A1		06B		
11844		XA221	01		XA218	63			16B	9			TD152A	01	TD1500	01	1	TS8	A1		02B		
11845		XA218	63										TD152A	02	TD152A	00	1	TQ2	E4		33B	UPDATE TC15 TO T	
11846		XA240	38		XA221	04			16B	9			TD153A	01	TD153A	00	1	TQ2	C1		18A	BYTE 2 XFER BIT	
11847		XA221	04										TD153A	02	TD1500	01	2	TS8	A1		04A		
11848		XA123	27		XA221	08			16B	9			TD154A	01	TD154A	00	1	TQ2	B4		13B	DATA BUS XFER BI	
11849		XA221	08										TD154A	02	TD1500	01	6	TS8	A1		06A		
11850		XA221	05		XA237	66			16B	9			TD156A	01	TD1500	01	3	TS8	A1		03B		
11851		XA237	66										TD156A	02	TD156A	00	1	TQ2	E1		31A	INPUT BYTE 2 YEO	
11852		XA218	09		XA221	10			16B	9			TD157A	01	TD157A	00	1	TQ2	A3		04B	CA FIELD TO TD F	
11853		XA221	10										TD157A	02	TD1500	01	7	TS8	A1		07A		
11854		XA226	33		XA224	40			16B	9			TD168P	01	TD16C0	01	1	THI	C5		17B		
11855		XA224	40		XA223	35			16B	9			TD168P	02	T1716A	01	1	TQ2	C1		19A		
11856		XA223	35		XA304	07			16B	9			TD168P	03	TD168P	00	1	TDD	EP		17B	TD REG BIT 16 RED06	
05488		XA304	07										TD168P	04	TRC170	01	2	TQ2	A3		03A		
11857		XA126	42		XA225	08			16B	9			TD168Q	01	TD16CD	01	2	TLD	C1		20A		
11858		XA225	08		XA225	29			16B	9			TD168Q	02	TC141A	01	1	TQ2	A1		06A		
11859		XA225	29		XA224	29			16B	9			TD168Q	03	TF006A	01	1	TQ2	C3		14B		
11860		XA224	29		XA223	37			16B	9			TD168Q	04	TF163A	01	1	TQ2	C3		14B		
11861		XA223	37		XA315	34			16B	9			TD168Q	05	TD16BQ	00	1	TDD	EQ		18B	TD REG BIT 16 SE	
11862		XA315	34		XA407	03			16B	9			TD168Q	06	TC162A	01	3	TT3	C2		16A		
11863		XA407	03										TD168Q	07	RD316A	01	1	TQ2	A3		02A		
11865		XA126	38								J	TD16CD	01	TD16CD	00	1	TLD	C1			18A	JDB16B4 BUSS	
11866		XA416	49		XA211	42			16B	9			TD16C0	01	TD16SOX	01	1	DCF	C2		27B		
11867		XA211	42		XA211	34			16B	9			TD16C0	02	K0116A	01	2	TQ2	C1		20A		
11868		XA211	34		XA224	34			16B	9			TD16C0	03	K0216A	01	1	TQ2	C2		16A		
11869		XA224	34		XA226	31			16B	9			TD16C0	04	T1617A	01	1	TQ2	C2		16A		
11870		XA226	31										TD16C0	05	TD16C0	00	1	THI	C5		16B	TD REGISTER BIT	
11871		XA422	66		XA124	08			18B	9			TD16SA	01	TD16SA	00	1	TQ2	E1		31A	MEMORY DATA INPUB01	
11872		XA124	08										TD16SA	02	TDS160	01	1	TQ2	A1		06A		
11873		XA416	46								J	TD16SDX	01	TD16SDX	00	1	DCF	C1			25B	YI16CB4 BUSS	
11874		XA416	47		XA422	70			16B	9			TD16SOX	01	TD16SOX	00	1	DCF	C2		26B		
												****	SIGNAL	(TD16SOX)	IS ON THE	NEXT PAGE	****						

DRAWING NUMBER		149019-800		STRING		UNIT ASSEMBLY NO.		149019		REV		G		INDEX		TD16SOX								
UNIT ASSEMBLY NAME		CARD CAGE ASSY, I/O UNIT		FILE IDENT		T39B1UX2		DATE		09-03-82		PAGE		184										
RECORD NUMBER	PREFIX	CONNECTOR	PIN	PREFIX	CONNECTOR	PIN	WIRE	MULTI GROUP	CODE	COLOR	IDENT	SPEC INST	MISC	SIGNAL	SEQ NO	EQUATION	TERM	FACTOR	CKT OR CHIP TYPE	SHOW	LOAD OR POWER PLANE	TEST POINTS AND DR	SIGNAL DESCRIPTION	ECO NO
11875		XA422	70											TD16SOX	02	TD16SA	01	2	TQ2	E1		33A		
11876		XA222	35		XA223	40			16B	9				TD1600	01	TD1600	00	1	TS8	C1		17B	TD REG BIT 16 OR	
11877		XA223	40											TD1600	02	TD16BI	01	1	TDD	E1		19A		
11878		XA218	39		XA222	30			16B	9				TD161A	01	TD161A	00	1	TQ2	C4		19B	XFER TC16 TO TD	
11879		XA222	30											TD161A	02	TD1600	01	1	TS8	C1		15A		
11880		XA222	42		XA218	33			16B	9				TD162A	01	TD1600	01	8	TS8	C1		20A		
11881		XA218	33											TD162A	02	TD162A	00	1	TQ2	C3		16B	UPDATE TC16 TO T	
11882		XA240	27		XA222	37			16B	9				TD163A	01	TD163A	00	1	TQ2	B4		13B	BYTE 3 XFER BIT	
11883		XA222	37											TD163A	02	TD1600	01	5	TS8	C1		18B		
11884		XA123	38		XA222	38			16B	9				TD164A	01	TD164A	00	1	TQ2	C1		18A	DATA BUS XFER BI	
11885		XA222	38											TD164A	02	TD1600	01	6	TS8	C1		18A		
11886		XA222	40		XA234	06			16B	9				TD166A	01	TD1600	01	7	TS8	C1		19A		
11887		XA234	06											TD166A	02	TD166A	00	1	TQ2	A1		05A	INPUT BYTE 3 TEO	
11888		XA349	14		XA325	40			16B	9				TD17BP	01	TS092A	01	1	TD4	B2		09A		
11889		XA325	40		XA325	19			16B	9				TD17BP	02	TS006A	01	3	TD4	C1		19A		
11890		XA325	19		XA226	39			16B	9				TD17BP	03	TE0B2A	01	3	TD4	B2		09B		
11891		XA226	39		XA224	42			16B	9				TD17BP	04	TD17CO	01	1	THI	C6		19B		
11892		XA224	42		XA223	33			16B	9				TD17BP	05	T1716A	01	2	TQ2	C1		20A		
11893		XA223	33											TD17BP	06	TD17BP	00	1	TDD	FP		16B	TD REG BIT 17 RE	
11894		XA108	23		XA126	34			16B	9				TD17BQ	01	TES32A	01	2	TT3	B3		11B		
11895		XA126	34		XA225	04			16B	9				TD17BQ	02	TD17CO	01	1	TLD	C2		16A		
11896		XA225	04		XA223	31			16B	9				TD17BQ	03	TC151A	01	1	TQ2	A2		04A		
11897		XA223	31		XA248	48			16B	9				TD17BQ	04	TD17BQ	00	1	TDD	FQ		15B	TD REG BIT 17 SE	
11898		XA248	48		XA327	25			16B	9				TD17BQ	05	TS113A	01	3	TD4	D2		22A		
11899		XA327	25		XA315	37			16B	9				TD17BQ	06	TS161A	01	3	TT3	B3		12B		
11900		XA315	37											TD17BQ	07	TC172A	01	3	TT3	C3		18B		
11901		XA126	30								J			TD17CO	01	TD17CO	00	1	TLD	C2		15A	JDB17B4 BUSS	
11902		XA416	51		XA407	13			16B	9				TD17CO	01	TD17SOX	01	1	DCF	C4		28B		
11903		XA407	13		XA211	31			16B	9				TD17CO	02	RD317A	01	2	TQ2	A4		06B		
11904		XA211	31		XA211	35			16B	9				TD17CO	03	K0117A	01	2	TQ2	C3		15B		
11905		XA211	35		XA224	37			16B	9				TD17CO	04	K0217A	01	1	TQ2	C4		17B		
11906		XA224	37		XA224	36			16B	9				TD17CO	05	TF173A	01	2	TQ2	C4		18B		
11907		XA224	36		XA225	37			16B	9				TD17CO	06	T1617A	01	2	TQ2	C2		17A		
11908		XA225	37		XA226	42			16B	9				TD17CO	07	TF016A	01	2	TQ2	C4		18B		
11909		XA226	42											TD17CO	08	TD17CO	00	1	THI	C6		18B	TD REGISTER BIT	
11910		XA422	60		XA124	04			16B	9				TD17SA	01	TD17SA	00	1	TQ2	E2		28A	MEMORY DATA INPU	
11911		XA124	04											TD17SA	02	TD0170	01	1	TQ2	A2		04A		
11912		XA416	55								J			TD17SDX	01	TD17SDX	00	1	DCF	C3		30B	YI17CB4 BUSS	

DRAWING NUMBER 149019-800
 UNIT ASSEMBLY NAME CARD CAGE ASSY, I/O UNIT

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UNIT ASSEMBLY NO. 149019
 FILE IDENT T39B1UX2

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RECORD NUMBER	FROM			TO			WIRE				SIGNAL	SEG NO	EQUATION	TERM	FACTOR	CKT OR CHIP TYPE	GROUP	LOAD OR POWER PLANE	TEST POINTS AND/OR	SIGNAL DESCRIPTION	ECO NO
	PREFIX	CONNECTOR	PIN	PREFIX	CONNECTOR	PIN	SIZE	WIRE GROUP	CODE	COLOR											
11913		XA416	56		XA422	64			16B	9		TD17S0X	01	TD17S0X	00	1	DCF	C4	29B		
11914		XA422	64									TD17S0X	02	TD17SA	01	2	TQ2	E2	30A		
11915		XA221	23		XA223	34			16B	9		TD1700	01	TD1700	00	1	TS8	B1	11B	TD REG BIT 17 OR	
11916		XA223	34									TD1700	02	TD17BI	01	1	TDD	FI	16A		
11917		XA218	21		XA221	25			16B	9		TD171A	01	TD171A	00	1	TQ2	B3	10B	XFER TC17 TO TD	
11918		XA221	25									TD171A	02	TD1700	01	7	TS8	B1	12B		
11919		XA221	26		XA218	27			16B	9		TD172A	01	TD1700	01	8	TS8	B1	14A		
11920		XA218	27									TD172A	02	TD172A	00	1	TQ2	B4	13B	UPDATE TC17 TO T	
11921		XA240	21		XA221	19			16B	9		TD173A	01	TD173A	00	1	TQ2	B3	10B	BYTE 3 XFER BIT	
11922		XA221	19									TD173A	02	TD1700	01	3	TS8	B1	09B		
11923		XA123	30		XA221	24			16B	9		TD174A	01	TD174A	00	1	TQ2	C2	15A	DATA BUS XFER BI	
11924		XA221	24									TD174A	02	TD1700	01	6	TS8	B1	13A		
11925		XA221	22		XA235	09			16B	9		TD176A	01	TD1700	01	5	TS8	B1	12A		
11926		XA235	09									TD176A	02	TD176A	00	1	TQ2	A3	04B	INPUT BYTE 3 TE0	
11927		XA343	09		XA248	43			16B	9		TD188P	01	TS114A	01	1	TT3	A3	04B		
11928		XA248	43		XA226	45			16B	9		TD188P	02	TS113A	01	1	TQ4	D2	23B		
11929		XA226	45		XA225	41			16B	9		TD188P	03	TD18C0	01	1	THI	D5	25B		
11930		XA225	41		XA223	47			16B	9		TD188P	04	TI918A	01	1	TQ2	D3	22B		
11931		XA223	47									TD188P	05	TD188P	00	1	TDD	GP	25B	TD REG BIT 18 RE	
11932		XA126	31		XA230	20			16B	9		TD188Q	01	TD18CD	01	2	TLD	C3	15B		
11933		XA230	20		XA223	49			16B	9		TD188Q	02	TC161A	01	2	TQ2	B2	11A		
11934		XA223	49		XA224	56			16B	9		TD188Q	03	TD188Q	00	1	TDD	GQ	26B	TD REG BIT 18 SE	
11935		XA224	56		XA225	56			16B	9		TD188Q	04	TF183A	01	2	TQ2	D1	26A		
11936		XA225	56		XA327	21			16B	9		TD188Q	05	TF026A	01	2	TQ2	D1	26A		
11937		XA327	21									TD188Q	06	TS161A	01	1	TT3	B3	10B		
11938		XA126	33								J	TD18CD	01	TD18CD	00	1	TLD	C3	16B	J0B18B4 BUSS	
11939		XA407	26		XA416	54			16B	9		TD18C0	01	RD318A	01	2	TQ2	B1	14A		
11940		XA416	54		XA321	54			16B	9		TD18C0	02	TD18S0X	01	1	DCF	C6	30A		
11941		XA321	54		XA225	49			16B	9		TD18C0	03	TC188I	01	1	TDD	G1	25A		
11942		XA225	49		XA226	43			16B	9		TD18C0	04	TI819A	01	2	TQ2	D4	26B		
11943		XA226	43		XA211	48			16B	9		TD18C0	05	TD18C0	00	1	THI	D5	24B	TD REGISTER BIT	
11944		XA211	48		XA211	56			16B	9		TD18C0	06	K0218A	01	1	TQ2	D2	22A		
11945		XA211	56									TD18C0	07	K0118A	01	2	TQ2	D1	26A		
11946		XA422	57		XA124	07			16B	9		TD18SA	01	TD18SA	00	1	TQ2	E3	30B	MEMORY DATA INPU	
11947		XA124	07									TD18SA	02	TD180	01	2	TQ2	A3	03A		
11948		XA416	60								J	TD18S0X	01	TD18SDX	00	1	DCF	C5	31B	YI18C84 BUSS	

DRAWING NUMBER 149019-800
 UNIT ASSEMBLY NAME CARD CAGE ASSY, I/O UNIT

STRING

UNIT ASSEMBLY NO. 149019
 FILE IDENT T39BIUX2
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RECORD NUMBER	FROM			TO			WIRE				SIGNAL	SEC NO	EQUATION	TERM	CKT OR CHIP FACTOR 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												
11949		XA416	57		XA422	55						TD18SOX	01	TD18SOX	00	1	DCF	C6		31A		
11950		XA422	55									TD18SOX	02	TD18SA	01	2	TQ2	E3		29B		
11951		XA222	47		XA223	54						TD1800	01	TD1800	00	1	TS8	D1		25B	TD REG BIT 18 OR	
11952		XA223	54									TD1800	02	TD188I	01	1	TDD	G1		25A		
11953		XA314	66		XA222	43						TD181A	01	TD181A	00	1	TQ2	E1		31A	XFER TC18 TO TD1	
11954		XA222	43									TD181A	02	TD1800	01	1	TS8	D1		23B		
11955		XA222	46		XA314	60						TD182A	01	TD1800	01	2	TS8	D1		21A		
11956		XA314	60									TD182A	02	TD182A	00	1	TQ2	E2		28A	UPDATE TC18 TO T	
11957		XA240	14		XA222	52						TD183A	01	TD183A	00	1	TQ2	B2		09A	BYTE 3 XFER BIT	
11958		XA222	52									TD183A	02	TD1800	01	6	TS8	D1		24A		
11959		XA123	33		XA222	54						TD184A	01	TD184A	00	1	TQ2	C3		16B	DATA BUS XFER BI	
11960		XA222	54									TD184A	02	TD1800	01	7	TS8	D1		25A		
11961		XA222	50		XA237	22						TD186A	01	TD1800	01	5	TS8	D1		23A		
11962		XA237	22									TD186A	02	TD186A	00	1	TQ2	B1		12A	INPUT BYTE 3 TE0	
11963		XA226	51		XA225	43						TD19BP	01	TD19C0	01	1	THI	D6		27B		
11964		XA225	43		XA223	45						TD19BP	02	T1918A	01	2	TQ2	D3		23B		
11965		XA223	45									TD19BP	03	TD19BP	00	1	TDD	HP		24B	TD REG BIT 19 RE	
11966		XA321	48		XA230	71						TD19BQ	01	TC19B1	01	1	TDD	HI		22A		
11967		XA230	71		XA223	43						TD19BQ	02	TC171A	01	1	TQ2	F2		36A		
11968		XA223	43		XA224	50						TD19BQ	03	TD19BQ	00	1	TDD	HQ		23B	TD REG BIT 19 SE	
11969		XA224	50		XA225	47						TD19BQ	04	TF193A	01	2	TQ2	D2		23A		
11970		XA225	47		XA225	50						TD19BQ	05	T1819A	01	1	TQ2	D4		25B		
11971		XA225	50		XA126	37						TD19BQ	06	TF036A	01	2	TQ2	D2		23A		
11972		XA126	37									TD19BQ	07	TD19CD	01	2	TLD	C4		18B		
11973		XA126	39							J		TD19CD	01	TD19CD	00	1	TLD	C4		19B	JDB19B4 BUSS	
11974		XA416	50		XA211	43						TD19C0	01	TD19SOX	01	1	DCF	C8		28A		
11975		XA211	43		XA211	47						TD19C0	02	K0119A	01	2	TQ2	D3		23B		
11976		XA211	47		XA226	53						TD19C0	03	K0219A	01	1	TQ2	D4		25B		
11977		XA226	53									TD19C0	04	TD19C0	00	1	THI	D6		26B	TD REGISTER BIT	
11978		XA422	63		XA124	13						TD19SA	01	TD19SA	00	1	TQ2	E4		33B	MEMORY DATA INPU	
11979		XA124	13									TD19SA	02	TD190	01	2	TQ2	A4		06B		
11980		XA416	43							J		TD19SDX	01	TD19SDX	00	1	DCF	C7		25A	YI19CB4 BUSS	
11981		XA416	48		XA422	61						TD19SOX	01	TD19SOX	00	1	DCF	C8		26A		
11982		XA422	61									TD19SOX	02	TD19SA	01	2	TQ2	E4		32B		
												****	SIGNAL	(TD1900)								IS ON THE NEXT PAGE ****

DRAWING NUMBER 149019-800
 UNIT ASSEMBLY NAME CARD CAGE ASSY, I/O UNIT

STRING

UNIT ASSEMBLY NO. 149019
 FILE IDENT T39BIUX2

REV G INDEX TD1900
 DATE 09-03-82 PAGE 187

RECORD NUMBER	FROM				TO				WIRE				SIGNAL	SQ NO	EQUATION	TERM	FACTOR	CKT OR CHIP TYPE	GROUP	LOAD OR POWER PLANS	TEST POINTS AND OF	SIGNAL DESCRIPTION	ECO NO
	PREFIX	CONNECTOR	PIN	SH FT	PREFIX	CONNECTOR	PIN	SH FT	MULTI GROUP	CODE	COLOR	IDENT											
11983		XA221	35										TD1900	01	TD1900	00	1	TS8	C1		17B	TD REG BIT 19 OR	
11984		XA223	48		XA223	48			16B	9			TD1900	02	TD198I	01	1	TDD	HI		22A		
11985		XA314	57		XA221	31			16B	9			TD191A	01	TD191A	00	1	TQ2	E3		30B	XFER TC19 TO TD	
11986		XA221	31										TD191A	02	TD1900	01	2	TS8	C1		15B		
11987		XA221	30		XA314	63			16B	9			TD192A	01	TD1900	01	1	TS8	C1		15A		
11988		XA314	63										TD192A	02	TD192A	00	1	TQ2	E4		33B	UPDATE TC19 TO T	
11989		XA240	22		XA221	38			16B	9			TD193A	01	TD193A	00	1	TQ2	B1		12A	BYTE 3 XFER BIT	
11990		XA221	38										TD193A	02	TD1900	01	6	TS8	C1		18A		
11991		XA123	39		XA221	42			16B	9			TD194A	01	TD194A	00	1	TQ2	C4		19B	DATA BUS XFER BI	
11992		XA221	42										TD194A	02	TD1900	01	8	TS8	C1		20A		
11993		XA221	37		XA234	14			16B	9			TD196A	01	TD1900	01	5	TS8	C1		18B		
11994		XA234	14										TD196A	02	TD196A	00	1	TQ2	B2		09A	INPUT BYTE 3 TEO	
11995		XA225	53		XA226	59			16B	9			TD208P	01	Y2120A	01	1	TQ2	E3		28B		
11996		XA226	59		XA223	59			16B	9			TD208P	02	TD20C0	01	1	THI	E5		31B		
11997		XA223	59										TD208P	03	TD208P	00	1	TDD	JP		31B		
11998		XA126	54		XA225	70			16B	9			TD208Q	01	TD20C0	01	1	TLD	D1		25A		
11999		XA225	70		XA224	70			16B	9			TD208Q	02	TF046A	01	2	TQ2	E1		33A		
12000		XA224	70		XA225	61			16B	9			TD208Q	03	TF203A	01	2	TQ2	E1		33A		
12001		XA225	61		XA223	61			16B	9			TD208Q	04	T2021A	01	2	TQ2	E4		32B		
12002		XA223	61		XA321	68			16B	9			TD208Q	05	TD208Q	00	1	TDD	JQ		32B	TD REG BIT 20 SE	
12003		XA321	68		XA407	18			16B	9			TD208Q	06	TC20BI	01	1	TDD	J1		32A		
12004		XA407	18										TD208Q	07	RD320A	01	1	TQ2	B2		10A		
12005		XA126	52								J		TD20CD	01	TD20CD	00	1	TLD	D1		24A	JDB20B4 BUSS	
12006		XA226	57		XA211	62			16B	9			TD20C0	01	TD20C0	00	1	THI	E5		30B	TD REGISTER BIT	
12007		XA211	62		XA211	70			16B	9			TD20C0	02	K0220A	01	1	TQ2	E2		29A		
12008		XA211	70		XA416	71			16B	9			TD20C0	03	K0120A	01	2	TQ2	E1		33A		805
11736		XA416	71										TD20C0	04	TD20S0X	01	1	DCF	D2		34B		805
12009		XA422	75		XA108	38			16B	9			TD20SA	01	TD20SA	00	1	TQ2	F1		37B	MEMORY DATA INPU	
12010		XA108	38										TD20SA	02	TD20S00	01	1	TT3	C1		18A		
12011		XA416	65								J		TD20SDX	01	TD20SDX	00	1	DCF	D1		32B	YI20C84 BUSS	
12012		XA416	69		XA422	79			16B	9			TD20S0X	01	TD20S0X	00	1	DCF	D2		33B		
12013		XA422	79										TD20S0X	02	TD20SA	01	2	TQ2	F1		39B		
12014		XA222	59		XA223	68			16B	9			TD2000	01	TD2000	00	1	TS8	E1		31B	TD REG BIT 20 OR	
12015		XA223	68										TD2000	02	TD208I	01	1	TDD	J1		32A		
12016		XA214	66		XA222	70			16B	9			TD201A	01	TD201A	00	1	TQ2	E1		31A	XFER TC20 TO TD2	
12017		XA222	70										TD201A	02	TD2000	01	8	TS8	E1		33A		

DRAWING NUMBER		149019-800										STRING		UNIT ASSEMBLY NO.		149019		REV		G		INDEX		TD201A	
UNIT ASSEMBLY NAME		CARD CAGE ASSY, I/O UNIT										FILE IDENT		T39BIUX2		DATE		09-03-82		PAGE		188			
RECORD NUMBER	FROM			TO			WIRE					SIGNAL	SEQ NO	EQUATION	TERM	FACTOR	CKT OR CHIP TYPE	GRD*	LOAD OR POWER PLANE	TEST POINTS		SIGNAL DESCRIPTION	ECO NO		
	PREFIX	CONNECTOR	PIN	PREFIX	CONNECTOR	PIN	SIZE	MULTI GROUP	CODE	COLOR	IDENT									AND	JP				
12018		XA222	68		XA214	60			16B	9		TD202A	01	TD2000	01	7	TS8	E1		32A					
12019		XA214	60									TD202A	02	TD202A	00	1	TQ2	E2		28A		UPDATE TC20 TO T			
12020		XA240	15		XA222	62			16B	9		TD203A	01	TD203A	00	1	TQ2	A4		07B		BYTE 3 XFER BIT			
12021		XA222	62									TD203A	02	TD2000	01	4	TS8	E1		29A					
12022		XA123	52		XA222	64			16B	9		TD204A	01	TD204A	00	1	TQ2	D1		24A		DATA BUS XFER BIT			
12023		XA222	64									TD204A	01	TD2000	01	5	TS8	E1		30A					
12024		XA222	61		XA235	27			16B	9		TD206A	01	TD2000	01	3	TS8	E1		32B					
12025		XA235	27									TD206A	02	TD206A	00	1	TQ2	B4		13B		INPUT BYTE 3 TEST			
12026		XA109	01		XA222	66			16B	9		TD207A	01	TD207A	00	1	TQ2	A2		02B		DEV ADD TO TD FG			
12027		XA222	66									TD207A	02	TD2000	01	6	TS8	E1		31A					
12028		XA219	66		XA222	60			16B	9		TD208A	01	TD208A	00	1	TQ2	E1		31A		Q REG SEL TD20-A			
12029		XA222	60									TD208A	02	TD2000	01	2	TS8	E1		28A					
12030		XA226	65		XA225	55			16B	9		TD218P	01	TD21C0	01	1	THI	E6		33B					
12031		XA225	55		XA223	57			16B	9		TD218P	02	T2120A	01	2	TQ2	E3		29B					
12032		XA223	57									TD218P	03	TD218P	00	1	TDD	KP		30B		TD REG BIT 21 RE			
12033		XA126	48		XA225	64			16B	9		TD218Q	01	TD21CD	01	1	TLD	D2		22A					
12034		XA225	64		XA224	64			16B	9		TD218Q	02	TF056A	01	2	TQ2	E2		30A					
12035		XA224	64		XA225	59			16B	9		TD218Q	03	TF213A	01	2	TQ2	E2		30A					
12036		XA225	59		XA223	55			16B	9		TD218Q	04	T2021A	01	1	TQ2	E4		31B					
12037		XA223	55		XA321	62			16B	9		TD218Q	05	TD218Q	00	1	TDD	KQ		29B		TD REG BIT 21 SE			
12038		XA321	62		XA407	19			16B	9		TD218Q	06	TC218I	01	1	TDD	KI		29A					
12039		XA407	19									TD218Q	07	RD321A	01	2	TQ2	B3		09B					
12040		XA126	46								J	TD21CD	01	TD21CD	00	1	TLD	D2		21A		JDB21B4 BUSS			
12041		XA226	68		XA211	59			16B	9		TD21C0	01	TD21C0	00	1	THI	E6		32B		TD REGISTER BIT			
12042		XA211	59		XA211	55			16B	9		TD21C0	02	K0221A	01	1	TQ2	E4		31B					
12043		XA211	55		XA416	73			16B	9		TD21C0	03	K0121A	01	2	TQ2	E3		29B					
12044		XA416	73									TD21C0	04	TD21SOX	01	1	DCF	D4		35B					
12045		XA422	72		XA108	30			16B	9		TD21SA	01	TD21SA	00	1	TQ2	F2		34A		MEMORY DATA INPU			
12046		XA108	30									TD21SA	02	TDS210	01	2	TT3	C2		15A					
12047		XA416	78								J	TD21SDX	01	TD21SDX	00	1	DCF	D3		37B		YI21CB4 BUSS			
12048		XA416	75		XA422	73			16B	9		TD21SOX	01	TD21SOX	00	1	DCF	D4		36B					
12049		XA422	73									TD21SOX	02	TD21SA	01	2	TQ2	F2		36B					
12050		XA221	47		XA223	62			16B	9		TD2100	01	TD2100	00	1	TS8	D1		25B		TD REG BIT 21 OR			
12051		XA223	62									TD2100	02	TD218I	01	1	TDD	KI		29A					
									****	SIGNAL		TD211A		IS ON THE						****					

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DRAWING NUMBER 149019-800
 UNIT ASSEMBLY NAME CARD CAGE ASSY, I/O UNIT

STRING

UNIT ASSEMBLY NO. 149019
 FILE IDENT T39BIUX2

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 DATE 09-03-82 PAGE 189

RECORD NUMBER	FROM			TO			WIRE				SPEC. INSTR. MISC.	SIGNAL	SEQ NO	EQUATION	TERM	FACTORY	CKT OR CHIP TYPE	CHP	LOAD OR POWER PLANE	TEST POINTS AND/OR	SIGNAL DESCRIPTION	ECO NO	
	PREFIX	CONNECTOR	PIN	PREFIX	CONNECTOR	PIN	MULTI GROUP	CODE	COLOR	IDENT													
12052		XA214	57		XA221	56		16B	9			TD211A	01	TD211A	00	1	TQ2	E3		30B	XFER TC21 TO TD2		
12053		XA221	56									TD211A	02	TD2100	01	8	TS8	D1		26A			
12054		XA221	43		XA214	63		16B	9			TD212A	01	TD2100	01	1	TS8	D1		23B	UPDATE YC21 TO T		
12055		XA214	63									TD212A	02	TD212A	00	1	TQ2	E4		33B			
12056		XA240	09		XA221	49		16B	9			TD213A	01	TD213A	00	1	TQ2	A3		04B	BYTE 3 XFER BIT		
12057		XA221	49									TD213A	02	TD2100	01	4	TS8	D1		26B			
12058		XA123	46		XA221	50		16B	9			TD214A	01	TD214A	00	1	TQ2	D2		21A	DATA BUS XFER BI		
12059		XA221	50									TD214A	02	TD2100	01	5	TS8	D1		23A			
12060		XA221	48		XA235	30		16B	9			TD216A	01	TD2100	01	3	TS8	D1		22A	INPUT BYTE 3 TEO		
12061		XA235	30									TD216A	02	TD216A	00	1	TQ2	C2		15A			
12062		XA109	09		XA221	52		16B	9			TD217A	01	TD217A	00	1	TQ2	A3		04B	DEV ADD TO TD FG		
12063		XA221	52									TD217A	02	TD2100	01	6	TS8	D1		24A			
12064		XA219	60		XA221	46		16B	9			TD218A	01	TD218A	00	1	TQ2	E2		28A	Q REG SEL TD21-A		
12065		XA221	46									TD218A	02	TD2100	01	2	TS8	D1		21A			
12066		XA225	65		XA223	76		16B	9			TD22BP	01	T2322A	01	1	TQ2	F3		34B	TD REG BIT 22 RE		
12067		XA223	76		XA226	76		16B	9			TD22BP	02	TD22BP	00	1	TDD	LP		37A			
12068		XA226	76									TD22BP	03	TD22C0	01	1	THI	F5		37A			
12069		XA126	43		XA225	78		16B	9			TD22BQ	01	TD22C0	01	2	TLD	D3		23B	TD REG BIT 22 SE		
12070		XA225	78		XA225	77		16B	9			TD22BQ	02	T2223A	01	2	TQ2	F4		38A			
12071		XA225	77		XA224	77		16B	9			TD22BQ	03	TF066A	01	1	TQ2	F1		38B			
12072		XA224	77		XA223	78		16B	9			TD22BQ	04	TF223A	01	1	TQ2	F1		38B			
12073		XA223	78		XA321	77		16B	9			TD22BQ	05	TD22BQ	00	1	TDD	LQ		38A			
12074		XA321	77		XA407	25		16B	9			TD22BQ	06	TC22B1	01	1	TDD	L1		38B			
12075		XA407	25									TD22BQ	07	RD322A	01	2	TQ2	B4		12B			
12076		XA126	45								J	TD22C0	01	TD22C0	00	1	TLD	D3		24B	JDB22B4 BUSS		
12077		XA226	78		XA211	71		16B	9			TD22C0	01	TD22C0	00	1	THI	F5		36A	TD REGISTER BIT		
12078		XA211	71		XA211	79		16B	9			TD22C0	02	K0222A	01	1	TQ2	F2		36A			
12079		XA211	79		XA416	74		16B	9			TD22C0	03	K0122A	01	2	TQ2	F1		39B			
12080		XA416	74									TD22C0	04	TD22S0X	01	1	DCF	D6		37A			
12081		XA422	69		XA124	24		16B	9			TD22SA	01	TD22SA	00	1	TQ2	F3		35A	MEMORY DATA INPU		
12082		XA124	24									TD22SA	02	TD2220	01	1	TQ2	B1		13A			
12083		XA416	80								J	TD22SDX	01	TD22SDX	00	1	DCF	D5		38B	YI22CB4 BUSS		
12084		XA416	76		XA422	74		16B	9			TD22S0X	01	TD22S0X	00	1	DCF	D6		38A			
12085		XA422	74									TD22S0X	02	TD22SA	01	2	TQ2	F3		35B			
12086		XA222	76		XA223	77		16B	9			TD2200	01	TD2200	00	1	TS8	F1		37A	TD REG BIT 22 OR		
12087		XA223	77									TD2200	02	TD22B1	01	1	TDD	L1		38B			

DRAWING NUMBER UNIT ASSEMBLY NAME		149019-800 CARD CAGE ASSY, I/O UNIT										STRING		UNIT ASSEMBLY NO. FILE IDENT		149019 T398IUX2		REV DATE		INDEX PAGE		TD2200 190			
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	QTY	PREFIX	CONNECTOR	PIN	QTY	MULTI GROUP	CODE	COLOR	IDENT												SPEC INST	MISC
12088		XA214	75		XA222	79			16B	9			TD221A	01	TD221A	00	1	TQ2	F1		37B	XFER TC22 TO TD2			
12089		XA222	79										TD221A	02	TD2200	01	8	TS8	F1		39B				
12090		XA222	78		XA214	72			16B	9			TD222A	01	TD2200	01	7	TS8	F1		38A				
12091		XA214	72										TD222A	02	TD222A	00	1	TQ2	F2		34A	UPDATE TC22 TO T			
12092		XA240	01		XA222	73			16B	9			TD223A	01	TD223A	00	1	TQ2	A2		02B	BYTE 3 XFER BIT			
12093		XA222	73										TD223A	02	TD2200	01	3	TS8	F1		36B				
12094		XA123	45		XA222	74			16B	9			TD224A	01	TD224A	00	1	TQ2	D3		24B	DATA BUS XFER BI			
12095		XA222	74										TD224A	02	TD2200	01	4	TS8	F1		35B				
12096		XA222	72		XA237	52			16B	9			TD226A	01	TD2200	01	2	TS8	F1		34A	INPUT BYTE 3 TE0			
12097		XA237	52										TD226A	02	TD226A	00	1	TQ2	D1		24A				
12098		XA109	15		XA222	77			16B	9			TD227A	01	TD227A	00	1	TQ2	A4		07B				
12099		XA222	77										TD227A	02	TD2200	01	6	TS8	F1		38B				
12100		XA219	57		XA222	75			16B	9			TD228A	01	TD228A	00	1	TQ2	E3		30B	Q REG SEL TD22-A			
12101		XA222	75										TD228A	02	TD2200	01	5	TS8	F1		37B				
12102		XA226	75		XA225	74			16B	9			TD23BP	01	TD23C0	01	1	THI	F6		39A				
12103		XA225	74		XA223	69			16B	9			TD23BP	02	T2322A	01	2	TQ2	F3		35B	TD REG BIT 23 RE			
12104		XA223	69										TD23BP	03	TD23BP	00	1	TDD	MP		35A				
12105		XA126	47		XA225	76			16B	9			TD23BQ	01	TD23CD	01	1	TLD	D4		25B				
12106		XA225	76		XA225	73			16B	9			TD23BQ	02	T2223A	01	1	TQ2	F4		37A				
12107		XA225	73		XA224	73			16B	9			TD23BQ	03	TF076A	01	2	TQ2	F2		36B				
12108		XA224	73		XA223	74			16B	9			TD23BQ	04	TF233A	01	2	TQ2	F2		36B				
12109		XA223	74		XA321	71			16B	9			TD23BQ	05	TD23BQ	00	1	TDD	MQ		35B	TD REG BIT 23 SE			
12110		XA321	71		XA416	70			16B	9			TD23BQ	06	TC23B1	01	1	TDD	MI		36A				
12111		XA416	70										TD23BQ	07	TD23SOX	01	1	DCF	D8		35A				
12112		XA126	51									J	TD23CD	01	TD23CD	00	1	TLD	D4		27B	JDB23B4 BUSS			
12113		XA226	77		XA211	76			16B	9			TD23C0	01	TD23C0	00	1	THI	F6		38A	TD BIT 23 UNLOAD			
12114		XA211	76		XA211	74			16B	9			TD23C0	02	K0223A	01	1	TQ2	F4		37A				
12115		XA211	74										TD23C0	03	K0123A	01	2	TQ2	F3		35B				
12116		XA422	80		XA124	18			16B	9			TD23SA	01	TD23SA	00	1	TQ2	F4		39A	MEMORY DATA INPU			
12117		XA124	18										TD23SA	02	TDS230	01	1	TQ2	B2		10A				
12118		XA416	61									J	TD23SOX	01	TD23SOX	00	1	DCF	D7		33A	YI23CB4 BUSS			
12119		XA416	68		XA422	78			16B	9			TD23SOX	01	TD23SOX	00	1	DCF	D8		34A				
12120		XA422	78										TD23SOX	02	TD23SA	01	2	TQ2	F4		38A				
12121		XA221	59		XA223	71			16B	9			TD2300	01	TD2300	00	1	TS8	E1		31B	TD REG BIT 23 OR			
													****	SIGNAL (TD2300)		IS ON THE NEXT PAGE ****									

DRAWING NUMBER 149019-800
 UNIT ASSEMBLY NAME CARD CAGE ASSY, I/O UNIT

STRING

UNIT ASSEMBLY NO. 149019
 FILE IDENT T39BIUX2

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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	DR FC	MULTI GROUP	CODE	COLOR											
12122		XA223	71									T02300	02	T023B1	01	1	TDD	MI	36A		
12123		XA214	69		XA221	68			16B	9		T0231A	01	T0231A	00	1	TQ2	F3	35A		XFER TC23 TO T02
12124		XA221	68									T0231A	02	T02300	01	7	TS8	E1	32A		
12125		XA221	70		XA214	80			16B	9		T0232A	01	T02300	01	8	TS8	E1	33A		
12126		XA214	80									T0232A	02	T0232A	00	1	TQ2	F4	39A		UPDATE TC23 TO 1
12127		XA240	06		XA221	62			16B	9		T0233A	01	T0233A	00	1	TQ2	A1	05A		BYTE 3 XFER BIT
12128		XA221	62									T0233A	02	T02300	01	4	TS8	E1	29A		
12129		XA123	51		XA221	64			16B	9		T0234A	01	T0234A	00	1	TQ2	D4	27B		DATA BUS XFER BI
12130		XA221	64									T0234A	02	T02300	01	5	TS8	E1	30A		
12131		XA221	61		XA237	60			16B	9		T0236A	01	T02300	01	3	TS8	E1	32B		
12132		XA237	60									T0236A	02	T0236A	00	1	TQ2	E2	28A		INPUT BYTE 3 TEO
12133		XA109	22		XA221	66			16B	9		T0237A	01	T0237A	00	1	TQ2	B1	12A		DEV ADD TO TD FO
12134		XA221	66									T0237A	02	T02300	01	6	TS8	E1	31A		
12135		XA219	63		XA221	55			16B	9		T0238A	01	T0238A	00	1	TQ2	E4	33B		Q REG SEL T023-A
12136		XA221	55									T0238A	02	T02300	01	1	TS8	E1	29B		
12137		XA220	09		XA219	11			16B	9		T024BP	01	T024C0	01	1	THI	A5	05B		
12138		XA219	11		XA217	11			16B	9		T024BP	02	T2524A	01	1	TQ2	A4	05B		
12139		XA217	11									T024BP	03	T024BP	00	1	TDD	AP	05B		TD REG BIT 24 RE
12140		XA126	68		XA219	10			16B	9		T024BQ	01	T024C0	01	1	TLD	E1	32A		
12141		XA219	10		XA219	07			16B	9		T024BQ	02	TF007A	01	2	TQ2	A1	07A		
12142		XA219	07		XA218	10			16B	9		T024BQ	03	T2425A	01	2	TQ2	A3	03A		
12143		XA218	10		XA217	13			16B	9		T024BQ	04	TF243A	01	2	TQ2	A1	07A		
12144		XA217	13		XA317	08			16B	9		T024BQ	05	T024BQ	00	1	TDD	AQ	06B		TD REG BIT 24 SE
12145		XA317	08		XA420	11			16B	9		T024BQ	06	TC24BI	01	1	TDD	AI	06A		
12146		XA420	11									T024BQ	07	T024S0X	01	1	DCF	A2	04B		
12147		XA126	66								J	T024C0	01	T024C0	00	1	TLD	E1	31A		JDB24B4 BUSS
12148		XA210	04		XA210	10			16B	9		T024C0	01	K0224A	01	1	TQ2	A2	04A		
12149		XA210	10		XA220	07			16B	9		T024C0	02	K0124A	01	2	TQ2	A1	07A		
12150		XA220	07									T024C0	03	T024C0	00	1	THI	A5	04B		TD BIT 24 UNLOAD
12151		XA124	19		XA423	06			16B	9		T024SA	01	T024SA	01	2	TQ2	B3	09B		
12152		XA423	06									T024SA	02	T024SA	00	1	TQ2	A1	05A		MEMORY DATA INPU
12153		XA420	07								J	T024SDX	01	T024SDX	00	1	DCF	A1	02B		YI24C84 BUSS
12154		XA420	09		XA423	10			16B	9		T024S0X	01	T024S0X	00	1	DCF	A2	03B		
12155		XA423	10									T024S0X	02	T024SA	01	2	TQ2	A1	07A		
12156		XA216	11		XA217	08			16B	9		T02400	01	T02400	00	1	TS8	A1	05B		TD REG BIT 24 QR
												****		SIGNAL (T02400)							IS ON THE NEXT PAGE ****

DRAWING NUMBER 149019-800
 UNIT ASSEMBLY NAME CARD CAGE ASSY, I/O UNIT

STRING

UNIT ASSEMBLY NO. 149019
 FILE IDENT T398IUX2

REV G
 DATE 09-03-82

INDEX TD2400
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RECORD NUMBER	FROM				TO				WIRE				SIGNAL	SEQ NO	EQUATION	TERM	FACTOR	CKT OR CHIP TYPE	GROUP	LOAD OR POWER PLANE	TEST POINTS AND OR	SIGNAL DESCRIPTION	ECO NO		
	PREFIX	CONNECTOR	PIN	SH TO	PREFIX	CONNECTOR	PIN	SH TO	MULTI GROUP	CODE	COLOR	IDENT													
12157		XA217	08										TD2400	02	TD248I	01	1	TDD	AI		06A				
12158		XA214	06		XA216	13				16B	9		TD241A	01	TD241A	00	1	TQ2	A1		05A	XFER TC24 TO TD2			
12159		XA216	13										TD241A	02	TD2400	01	8	TS8	A1		06B				
12160		XA216	05		XA214	01				16B	9		TD242A	01	TD2400	01	3	TS8	A1		03B				
12161		XA214	01										TD242A	02	TD242A	00	1	TQ2	A2		02B	UPDATE TC24 TO T			
12162		XA237	01		XA216	06				16B	9		TD243A	01	TD243A	00	1	TQ2	A2		02B	BYTE 4 XFER BIT			
12163		XA216	06										TD243A	02	TD2400	01	4	TS8	A1		05A				
12164		XA216	08		XA123	66				16B	9		TD244A	01	TD2400	01	6	TS8	A1		06A				
12165		XA123	66										TD244A	02	TD244A	00	1	TQ2	E1		31A	DATA BUS XFER BI			
12166		XA235	01		XA216	07				16B	9		TD246A	01	TD246A	00	1	TQ2	A2		02B	INPUT BYTE 4 TEO			
12167		XA216	07										TD246A	02	TD2400	01	5	TS8	A1		03A				
12168		XA109	14		XA216	10				16B	9		TD247A	01	TD247A	00	1	TQ2	B2		09A	KEYWORD/TER WORD			
12169		XA216	10										TD247A	02	TD2400	01	7	TS8	A1		07A				
12170		XA216	01		XA220	56				16B	9		TD248A	01	TD2400	01	1	TS8	A1		02B				
12171		XA220	56										TD248A	02	TD248A	00	1	THI	E4		28B	Q REG SEL TC 06/			
12172		XA224	51		XA220	55				16B	9		TD2480	01	TD2480	00	1	TQ2	D4		27B	Q REG SEL TC06/1			
12173		XA220	55										TD2480	02	TD248A	01	1	THI	E4		29B				
12174		XA217	09		XA219	13				16B	9		TD258P	01	TD258P	00	1	TDD	BP		04B	TD REG BIT 25 RE			
12175		XA219	13		XA220	15				16B	9		TD258P	02	T2524A	01	2	TQ2	A4		06B				
12176		XA220	15										TD258P	03	TD25C0	01	1	THI	A6		07B				
12177		XA126	62		XA219	03				16B	9		TD258Q	01	TD25C0	01	1	TLD	E2		29A				
12178		XA219	03		XA219	05				16B	9		TD258Q	02	T2425A	01	1	TQ2	A3		02A				
12179		XA219	05		XA218	05				16B	9		TD258Q	03	TF017A	01	2	TQ2	A2		03B				
12180		XA218	05		XA217	07				16B	9		TD258Q	04	TF253A	01	2	TQ2	A2		03B				
12181		XA217	07		XA317	05				16B	9		TD258Q	05	TD258Q	00	1	TDD	BQ		03A	TD REG BIT 25 SE			
12182		XA317	05		XA420	13				16B	9		TD258Q	06	TC258I	01	1	TDD	B1		03B				
12183		XA420	13										TD258Q	07	TD25S0X	01	1	DCF	A4		05B				
12184		XA126	60								J		TD25C0	01	TD25C0	00	1	TLD	E2		28A	JDB25B4 BUSS			
12185		XA210	11		XA210	07				16B	9		TD25C0	01	K0225A	01	1	TQ2	A4		05B				
12186		XA210	07		XA220	10				16B	9		TD25C0	02	K0125A	01	2	TQ2	A3		03A				
12187		XA220	10										TD25C0	03	TD25C0	00	1	THI	A6		06B	TD BIT 25 UNLOAD			
12188		XA124	25		XA423	01				16B	9		TD25SA	01	TD250	01	2	TQ2	B4		12B				
12189		XA423	01										TD25SA	02	TD25SA	00	1	TQ2	A2		02B	MEMORY DATA INPU			
12190		XA420	17								J		TD25S0X	01	TD25S0X	00	1	DCF	A3		07B	YI25CB4 BUSS			
12191		XA420	15		XA423	05				16B	9		TD25S0X	01	TD25S0X	00	1	DCF	A4		06B				
													****	SIGNAL	TD25S0X	IS ON THE NEXT PAGE ****									

DRAWING NUMBER		149019-800										STRING		UNIT ASSEMBLY NO.		149019		REV		G		INDEX		T025S0X	
UNIT ASSEMBLY NAME		CARD CAGE ASSY, I/O UNIT										FILE IDENT		T39B1UX2		DATE		09-03-82		PAGE		193			
RECORD NUMBER	FROM				TO				WIRE				SIGNAL	SEQ NO	EQUATION	TERM	FACTOR	CKT OR CHIP TYPE	GROUP	LOAD OR POWER PLANE	TEST POINTS AND/OR	SIGNAL DESCRIPTION	ECO NO		
	PREFIX	CONNECTOR	PIN	OR	PREFIX	CONNECTOR	PIN	OR	MULTI GROUP	CODE	COLOR	IDENT												SPC INST WIRE	
12192		XA423	05											T025S0X	02	T025SA	01	2	TQ2	A2		03B			
12193		XA215	11		XA217	05				16B	9			T02500	01	T02500	00	1	TS8	A1		05B	TD REG BIT 25 DR		
12194		XA217	05											T02500	02	T0258I	01	1	T0D	B1		03B			
12195		XA215	10		XA214	09				16B	9			T0251A	01	T02500	01	7	TS8	A1		07A			
12196		XA214	09											T0251A	02	T0251A	00	1	TQ2	A3		04B	XFER TC25 TO TD2		
12197		XA214	15		XA215	13				16B	9			T0252A	01	T0252A	00	1	TQ2	A4		07B	UPDATE TC25 TO T		
12198		XA215	13											T0252A	02	T02500	01	8	TS8	A1		06B			
12199		XA234	09		XA215	06				16B	9			T0253A	01	T0253A	00	1	TQ2	A3		04B	BYTE 4 XFER BIT		
12200		XA215	06											T0253A	02	T02500	01	4	TS8	A1		05A			
12201		XA215	08		XA123	60				16B	9			T0254A	01	T02500	01	6	TS8	A1		06A			
12202		XA123	60											T0254A	02	T0254A	00	1	TQ2	E2		28A	DATA BUS XFER BI		
12203		XA237	15		XA215	05				16B	9			T0256A	01	T0256A	00	1	TQ2	A4		07B	INPUT BYTE 4 TEO		
12204		XA215	05											T0256A	02	T02500	01	3	TS8	A1		03B			
12205		XA210	66		XA215	04				16B	9			T0257A	01	T0257A	00	1	TQ2	E1		31A	KW/TW SEL CONSTAN		
12206		XA215	04											T0257A	02	T02500	01	2	TS8	A1		04A			
12207		XA220	60		XA215	01				16B	9			T0258A	01	T0258A	00	1	THI	E3		28A	Q REG SEL TC 07/		
12208		XA215	01											T0258A	02	T02500	01	1	TS8	A1		02B			
12209		XA224	57		XA220	62				16B	9			T02580	01	T02580	00	1	TQ2	E3		30B	Q REG SEL TC07/1		
12210		XA220	62											T02580	02	T0258A	01	1	THI	E3		29A			
12211		XA217	23		XA219	23				16B	9			T026BP	01	T026BP	00	1	T0D	CP		11B	TD REG BIT 26 RE		
12212		XA219	23		XA220	21				16B	9			T026BP	02	T2726A	01	1	TQ2	B4		11B			
12213		XA220	21											T026BP	03	T026C0	01	1	THI	B5		11B			
12214		XA126	55		XA219	19				16B	9			T026BQ	01	T026CD	01	2	TLD	E3		29B			
12215		XA219	19		XA219	26				16B	9			T026BQ	02	T2627A	01	2	TQ2	B3		09B			
12216		XA219	26		XA218	26				16B	9			T026BQ	03	TF027A	01	2	TQ2	B1		14A			
12217		XA218	26		XA217	25				16B	9			T026BQ	04	TF263A	01	2	TQ2	B1		14A			
12218		XA217	25		XA317	24				16B	9			T026BQ	05	T026BQ	00	1	T0D	CQ		12B	TD REG BIT 26 SE		
12219		XA317	24		XA420	08				16B	9			T026BQ	06	TC26BI	01	1	T0D	CI		13A			
12220		XA420	08											T026BQ	07	T026S0X	01	1	DCF	A6		06A			
12221		XA126	57									J		T026C0	01	T026CD	00	1	TLD	E3		30B	JDB26B4 BUSS		
12222		XA210	26		XA210	18				16B	9			T026C0	01	K0126A	01	2	TQ2	B1		14A			
12223		XA210	18		XA220	19				16B	9			T026C0	02	K0226A	01	1	TQ2	B2		10A			
12224		XA220	19											T026C0	03	T026C0	00	1	THI	B5		10B	TD BIT 26 UNLOAD		
12225		XA124	40		XA423	09				16B	9			T026SA	01	TDS260	01	1	TQ2	C1		19A			
12226		XA423	09											T026SA	02	T026SA	00	1	TQ2	A3		04B	MEMORY DATA INPU		
														****	SIGNAL	(T026S0X)			IS ON THE	NEXT PAGE	****				

DRAWING NUMBER 149019-800
 UNIT ASSEMBLY NAME CARD CAGE ASSY,I/O UNIT

STRING

UNIT ASSEMBLY NO. 149019
 FILE IDENT T39BIUX2
 REV G
 DATE 09-03-82
 INDEX PAGE TD26SDX 194

RECORD NUMBER	FROM				TO				WIRE				SIGNAL	SEC NO	EQUATION	TERM	FACTOR	CCT OR CHIP TYPE	GROUP	LOAD OR POWER PLANE	TEST POINTS		SIGNAL DESCRIPTION	ECO NO	
	PREFIX	CONNECTOR	PIN	INT	PREFIX	CONNECTOR	PIN	INT	MULTI GROUP	CODE	COLOR	IDENT									SIZE	INSTR			MISC
12227		XA420	14										J	TD26SDX	01	TD26SDX	00	1	DCF	A5		08B	YI26C84 BUSS		
12228		XA420	10		XA423	07				16B	9			TD26S0X	01	TD26S0X	00	1	DCF	A6		07A			
12229		XA423	07											TD26S0X	02	TD26SA	01	2	TQ2	A3		03A			
12230		XA216	23		XA217	24				16B	9			TD2600	01	TD2600	00	1	TS8	B1		11B	TD REG BIT 26 DR		
12231		XA217	24											TD2600	02	TD26B1	01	1	TDD	C1		13A			
12232		XA214	22		XA216	19				16B	9			TD261A	01	TD261A	00	1	TQ2	B1		12A	XFER TC26 TO TD2		
12233		XA216	19											TD261A	02	TD2600	01	3	TS8	B1		09B			
12234		XA216	26		XA214	14				16B	9			TD262A	01	TD2600	01	8	TS8	B1		14A			
12235		XA214	14											TD262A	02	TD262A	00	1	TQ2	B2		09A	UPDATE TC26 TO T		
12236		XA234	22		XA216	18				16B	9			TD263A	01	TD263A	00	1	TQ2	B1		12A	BYTE 4 XFER BIT		
12237		XA216	18											TD263A	02	TD2600	01	2	TS8	B1		10A			
12238		XA216	24		XA123	57				16B	9			TD264A	01	TD2600	01	6	TS8	B1		13A			
12239		XA123	57											TD264A	02	TD264A	00	1	TQ2	E3		30B	DATA BUS XFER BI		
12240		XA235	22		XA216	14				16B	9			TD266A	01	TD266A	00	1	TQ2	B1		12A	INPUT BYTE 4 TE0		
12241		XA216	14											TD266A	02	TD2600	01	1	TS8	B1		09A			
12242		XA215	20		XA216	25				16B	9			TD267A	01	TD2700	01	4	TS8	B1		11A			
12243		XA216	25		XA216	38				16B	9			TD267A	02	TD2600	01	7	TS8	B1		12B			
12244		XA216	38		XA213	40				16B	9			TD267A	03	TD2800	01	6	TS8	C1		18A			
12245		XA213	40											TD267A	04	TD267A	00	1	THI	C1		19A	KN/TW SEL CONSTA		
12246		XA135	57		XA216	22				16B	9			TD268A	01	TD268A	00	1	THI	E5		30B	Q REG/PAR REG CO		
12247		XA216	22											TD268A	02	TD2600	01	5	TS8	B1		12A			
12248		XA133	60		XA135	59				16B	9			TD2680	01	TD2680	00	1	TQ2	E2		28A	Q REG/PAR REG CO		
12249		XA135	59											TD2680	02	TD268A	01	1	THI	E5		31B			
12250		XA220	27		XA219	25				16B	9			TD27BP	01	TD27C0	01	1	THI	B6		13B			
12251		XA219	25		XA217	21				16B	9			TD27BP	02	T2726A	01	2	TQ2	B4		12B			
12252		XA217	21											TD27BP	03	TD27BP	00	1	TDD	DP		10B	TD REG BIT 27 RE		
12253		XA420	04		XA317	18				16B	9			TD27BQ	01	TD27S0X	01	1	DCF	A8		04A			
12254		XA317	18		XA217	19				16B	9			TD27BQ	02	TC27BI	01	1	TDD	DI		10A			
12255		XA217	19		XA218	20				16B	9			TD27BQ	03	TD27BQ	00	1	TDD	DQ		09B	TD REG BIT 27 SE		
12256		XA218	20		XA219	17				16B	9			TD27BQ	04	TF273A	01	2	TQ2	B2		11A			
12257		XA219	17		XA219	20				16B	9			TD27BQ	05	T2627A	01	1	TQ2	B3		08B			
12258		XA219	20		XA126	61				16B	9			TD27BQ	06	TF037A	01	2	TQ2	B2		11A			
12259		XA126	61											TD27BQ	07	TD27CD	01	2	TLD	E4		32B			
12260		XA126	63										J	TD27CD	01	TD27CD	00	1	TLD	E4		33B	JDB27B4 BUSS		
12261		XA220	26		XA210	23				16B	9			TD27C0	01	TD27C0	00	1	THI	B6		12B	TD BIT 27 UNLOAD		
12262		XA210	23		XA210	19				16B	9			TD27C0	02	K0227A	01	1	TQ2	B4		11B			
										****				SIGNAL	TD27C0									IS ON THE NEXT PAGE ****	

DRAWING NUMBER		149019-800										STRING		UNIT ASSEMBLY NO.		149019		REV		G		INDEX		T027C0	
UNIT ASSEMBLY NAME		CARD CAGE ASSY, I/O UNIT										FILE IDENT		T39BIUX2		DATE		09-03-82		PAGE		195			
RECORD NUMBER	PREFIX	CONNECTOR	PIN	TO PREFIX	CONNECTOR	PIN	WIRE GROUP	CODE	CULDN	IDENT	SIGNAL	SFG NO	EQUATION	TERM	FACTOR	CKT OR CHIP TYPE	GROUP	LOAD OR POWER PLANE	TEST POINTS AND/OR	SIGNAL DESCRIPTION	ECO NO				
12263		XA210	15								TD27C0	03	K0127A	01	2	TQ2	B3		09B						
12264		XA124	34	XA423	15		16B	9			TD27SA	01	TD270	01	1	TQ2	C2		16A						
12265		XA423	15								TD27SA	02	TD27SA	00	1	TQ2	A4		07B	MEMORY DATA INPU					
12266		XA420	01							J	TD27SDX	01	TD27SDX	00	1	DCF	A7		02A	YI27CB4 BUSS					
12267		XA420	03	XA423	13		16B	9			TD27S0X	01	TD27S0X	00	1	DCF	A8		03A						
12268		XA423	13								TD27S0X	02	TD27SA	01	2	TQ2	A4		06B						
12269		XA215	23	XA217	18		16B	9			TD2700	01	TD2700	00	1	TS8	B1		11B	TD REG BIT 27 OR					
12270		XA217	18								TD2700	02	TD27BI	01	1	TDD	D1		10A						
12271		XA215	25	XA214	21		16B	9			TD271A	01	TD2700	01	7	TS8	B1		12B						
12272		XA214	21								TD271A	02	TD271A	00	1	TQ2	B3		10B	XFER TC27 TO TD2					
12273		XA215	26	XA214	27		16B	9			TD272A	01	TD2700	01	8	TS8	B1		14A						
12274		XA214	27								TD272A	02	TD272A	00	1	TQ2	B4		13B	UPDATE TC27 TO T					
12275		XA237	21	XA215	18		16B	9			TD273A	01	TD273A	00	1	TQ2	B3		10B	BYTE 4 XFER BIT					
12276		XA215	18								TD273A	02	TD2700	01	2	TS8	B1		10A						
12277		XA215	24	XA123	63		16B	9			TD274A	01	TD2700	01	6	TS8	B1		13A						
12278		XA123	63								TD274A	02	TD274A	00	1	TQ2	E4		33B	DATA BUS XFER BI					
12279		XA235	21	XA215	19		16B	9			TD276A	01	TD276A	00	1	TQ2	B3		10B	INPUT BYTE 4 TE0					
12280		XA215	19								TD276A	02	TD2700	01	3	TS8	B1		09B						
12281		XA135	56	XA215	22		16B	9			TD278A	01	TD278A	00	1	THI	E4		28B	Q REG/PAR REG CO					
12282		XA215	22								TD278A	02	TD2700	01	5	TS8	B1		12A						
12283		XA133	57	XA135	55		16B	9			TD2780	01	TD2780	00	1	TQ2	E3		30B	Q REG/PAR REG CO					
12284		XA135	55								TD2780	02	TD278A	01	1	THI	E4		29B						
12285		XA220	33	XA219	35		16B	9			TD28BP	01	TD28C0	01	1	THI	C5		17B						
12286		XA219	35	XA217	35		16B	9			TD28BP	02	T2928A	01	1	TQ2	C4		17B						
12287		XA217	35								TD28BP	03	TD28BP	00	1	TDD	EP		17B	TD REG BIT 28 RE					
12288		XA126	77	XA219	31		16B	9			TD28BQ	01	TD28CD	01	1	TLD	F1		38B						
12289		XA219	31	XA219	42		16B	9			TD28BQ	02	T2829A	01	2	TQ2	C3		15B						
12290		XA219	42	XA218	42		16B	9			TD28BQ	03	TF047A	01	2	TQ2	C1		20A						
12291		XA218	42	XA217	37		16B	9			TD28BQ	04	TF283A	01	2	TQ2	C1		20A						
12292		XA217	37	XA317	40		16B	9			TD28BQ	05	TD28BQ	00	1	TDD	EQ		18B	TD REG BIT 28 SE					
12293		XA317	40	XA420	31		16B	9			TD28BQ	06	TC28BI	01	1	TDD	E1		19A						
12294		XA420	31								TD28BQ	07	TD28S0X	01	1	DCF	B2		12B						
12295		XA126	75							J	TD28CD	01	TD28CD	00	1	TLD	F1		37B	JDB28B4 BUSS					
12296		XA208	18	XA208	26		16B	9			TD28C0	01	K0228A	01	1	TQ2	B2		10A						
12297		XA208	26	XA220	31		16B	9			TD28C0	02	K0128A	01	2	TQ2	B1		14A						
												**** SIGNAL (TD28C0) IS ON THE NEXT PAGE ****													

DRAWING NUMBER		149019-800										STRING		UNIT ASSEMBLY NO.		REV		INDEX		T028C0				
UNIT ASSEMBLY NAME		CARD CAGE ASSY, I/O UNIT										FILE IDENT		DATE		PAGE		196						
RECORD NUMBER	PREFIX	CONNECTOR	PIN	Q	PREFIX	CONNECTOR	PIN	MULTI GROUP	CODE	COLOR	IDENT	SIGNAL	EQ NO	EQUATION	TURN	FUNCTION	CON	LOAD ON POWER PLANE	TEST POINTS	SIGNAL DESCRIPTION	EQ NO			
12298		XA220	31									T028C0	03	T028C0	00	1	THI	C5	16B	TD BIT 28 UNLOAD				
12299		XA124	31		XA423	22			16B	9		T028SA	01	T028SA	01	2	TQ2	C3	15B	MEMORY DATA INPU				
12300		XA423	22									T028SA	02	T028SA	00	1	TQ2	B1	12A					
12301		XA420	27								J	T028SDX	01	T028SDX	03	1	DCF	B1	10B	YI28CB4 BUSS				
12302		XA420	29		XA423	26			16B	9		T028SOX	01	T028SOX	00	1	DCF	B2	11B					
12303		XA423	26									T028SOX	02	T028SA	01	2	TQ2	B1	14A					
12304		XA216	35		XA217	40			16B	9		T02800	01	T02800	00	1	TS8	C1	17B	TD REG BIT 28 OR				
12305		XA217	40									T02800	02	T028BI	01	1	TDD	E1	19A					
12306		XA214	38		XA216	42			16B	9		T0281A	01	T0281A	00	1	TQ2	C1	18A	XFER TC28 TO TQ2				
12307		XA216	42									T0281A	02	T02800	01	8	TS8	C1	20A					
12308		XA216	37		XA214	30			16B	9		T0282A	01	T02800	01	5	TS8	C1	18B	UPDATE TC28 TO TQ2				
12309		XA214	30									T0282A	02	T0282A	00	1	TQ2	C2	15A					
12310		XA234	27		XA216	34			16B	9		T0283A	01	T0283A	00	1	TQ2	B4	13B	BYTE 4 XFER BIT				
12311		XA216	34									T0283A	02	T02800	01	3	TS8	C1	16A					
12312		XA216	36		XA123	75			16B	9		T0284A	01	T02800	01	4	TS8	C1	17A	DATA BUS XFER BIT				
12313		XA123	75									T0284A	02	T0284A	00	1	TQ2	F1	37B					
12314		XA237	38		XA216	30			16B	9		T0286A	01	T0286A	00	1	TQ2	C1	18A	INPUT BYTE 4 TEO				
12315		XA216	30									T0286A	02	T02800	01	1	TS8	C1	15A					
12316		XA213	24		XA216	40			16B	9		T0288A	01	T0288A	00	1	THI	B1	13A	PAR REG CONSTANT				
12317		XA216	40									T0288A	02	T02800	01	7	TS8	C1	19A					
12318		XA135	60		XA213	22			16B	9		T02880	01	T02880	00	1	THI	E3	28A	PAR REG SELECTIO				
12319		XA213	22									T02880	02	T0288A	01	1	THI	B1	14A					
12320		XA220	39		XA219	37			16B	9		T029BP	01	T029C0	01	1	THI	C6	19B	TD REG BIT 29 RE				
12321		XA219	37		XA217	33			16B	9		T029BP	02	T2928A	01	2	TQ2	C4	18B					
12322		XA217	33									T029BP	03	T029BP	00	1	TDD	FP	16B					
12323		XA420	33		XA317	34			16B	9		T029BQ	01	T029SOX	01	1	DCF	B4	13B	TD REG BIT 29 SE				
12324		XA317	34		XA217	31			16B	9		T029BQ	02	TC29BI	01	1	TDD	F1	16A					
12325		XA217	31		XA219	29			16B	9		T029BQ	03	T029BQ	00	1	TDD	FQ	15B					
12326		XA219	29		XA218	36			16B	9		T029BQ	04	T2829A	01	1	TQ2	C3	14B					
12327		XA218	36		XA219	36			16B	9		T029BQ	05	TF293A	01	2	TQ2	C2	17A					
12328		XA219	36		XA126	71			16B	9		T029BQ	06	TF057A	01	2	TQ2	C2	17A					
12329		XA126	71									T029BQ	07	T029C0	01	1	TLD	F2	36A					
12330		XA126	72								J	T029CD	01	T029C0	03	1	TLD	F2	34A	JDB29B4 BUSS				
12331		XA208	19		XA208	23			16B	9		T029C0	01	K0129A	01	2	TQ2	B3	09B					
12332		XA208	23		XA220	42			16B	9		T029C0	02	K0229A	01	1	TQ2	B4	11B					
												****	SIGNAL	T029C0	IS ON THE NEXT PAGE ****									

DRAWING NUMBER		149019-800		STRING		UNIT ASSEMBLY NAME		149019		G		INDEX		TD29C0		
UNIT ASSEMBLY NAME		CARD CAGE ASSY,I/O UNIT		T39BIUX2		09-03-82		PAGE		197						
RECORD NUMBER	PREFIX	CONNECTOR	PIN	PREFIX	CONNECTOR	PIN	WIRE	WIRE	SIGNAL	UNIT NO	UNIT NO	UNIT NO	UNIT NO	UNIT NO	SIGNAL DESCRIPTION	TOO NO
12333		XA220	42						TD29C0	03	TD29C0	00	1	THI C6	18B	TD BIT 29 UNLOAD
12334		XA124	37		XA423	14		168 9	TD29SA	01	TD29C0	01	2	TQ2 C4	18B	
12335		XA423	14						TD29SA	02	TD29SA	00	1	TQ2 B2	09A	MEMORY DATA INPUT
12336		XA420	37						J TD29SDX	01	TD29SDX	00	1	DCF B3	15B	YI29CB4 BUSS
12337		XA420	35		XA423	20		168 9	TD29S0X	01	TD29S0X	00	1	DCF B4	14B	
12338		XA423	20						TD29S0X	02	TD29SA	01	2	TQ2 B2	11A	
12339		XA215	35		XA217	34		168 9	TD2900	01	TD2900	00	1	TS8 C1	17B	TD REG BIT 29 DR
12340		XA217	34						TD2900	02	TD29B1	01	1	TDD FI	16A	
12341		XA214	33		XA215	42		168 9	TD291A	01	TD291A	00	1	TQ2 C3	16B	XFER TC29 TO TD2
12342		XA215	42						TD291A	02	TD2900	01	8	TS8 C1	20A	
12343		XA214	39		XA215	30		168 9	TD292A	01	TD292A	00	1	TQ2 C4	19B	UPDATE TC29 TO T
12344		XA215	30						TD292A	02	TD2900	01	1	TS8 C1	15A	
12345		XA237	33		XA215	31		168 9	TD293A	01	TD293A	00	1	TQ2 C3	16B	BYTE 4 XFER BIT
12346		XA215	31						TD293A	02	TD2900	01	2	TS8 C1	15B	
12347		XA215	40		XA123	72		168 9	TD294A	01	TD2900	01	7	TS8 C1	19A	
12348		XA123	72						TD294A	02	TD294A	00	1	TQ2 F2	34A	DATA BUS XFER BI
12349		XA235	33		XA215	34		168 9	TD296A	01	TD296A	00	1	TQ2 C3	16B	INPUT BYTE 4 TEO
12350		XA215	34						TD296A	02	TD2900	01	3	TS8 C1	16A	
12351		XA109	21		XA215	38		168 9	TD297A	01	TD297A	00	1	TQ2 B3	10B	ER WORD SEL SET
12352		XA215	38						TD297A	02	TD2900	01	6	TS8 C1	18A	
12353		XA213	10		XA215	36		168 9	TD298A	01	TD298A	00	1	THI A6	06B	PAR REG SEL TC10
12354		XA215	36						TD298A	02	TD2900	01	4	TS8 C1	17A	
12355		XA208	09		XA213	15		168 9	TD2980	01	TD2980	00	1	TQ2 A3	04B	PAR REG SEL TC02
12356		XA213	15						TD2980	02	TD298A	01	1	THI A6	07B	
12357		XA220	45		XA219	47		168 9	TD30BP	01	TD30C0	01	1	THI D5	25B	
12358		XA219	47		XA217	47		168 9	TD30BP	02	TD3130A	01	1	TQ2 D4	25B	
12359		XA217	47						TD30BP	03	TD30BP	00	1	TDD GP	25B	TD REG BIT 30 RE
12360		XA126	74		XA219	43		168 9	TD30BQ	01	TD30CD	01	2	TLD F3	35B	
12361		XA219	43		XA219	54		168 9	TD30BQ	02	TD3031A	01	2	TQ2 D3	23B	
12362		XA219	54		XA218	54		168 9	TD30BQ	03	TF067A	01	1	TQ2 D1	25A	
12363		XA218	54		XA217	49		168 9	TD30BQ	04	TF303A	01	1	TQ2 D1	25A	
12364		XA217	49		XA317	54		168 9	TD30BQ	05	TD308Q	00	1	TDD GQ	26B	TD REG BIT 30 SE
12365		XA317	54		XA420	38		168 9	TD30BQ	06	TC30B1	01	1	TDD GI	25A	
12366		XA420	38						TD30BQ	07	TD30S0X	01	1	DCF B6	14A	
12367		XA126	69						J TD30CD	01	TD30CD	00	1	TLD F3	35A	JDB30B4 BUSS

DRAWING NUMBER		149019-800		STRING		UNIT ASSEMBLY NO.		149019		REV		G		INLET		TD30CD								
UNIT ASSEMBLY NAME		CARD CAGE ASSY, I/O UNIT				FILE IDENT		T39BIUX2		DATE		09-03-82		PAGE		198								
RECORD NUMBER	FROM				TO				WIRE				SIGNAL	SEC. NO.	EQUATION	TRIP	TEST	CKT. OR. TYPE	STOP	WIRE NO.	SIGNAL DESCRIPTION	ECO NO.		
	PREFIX	CONNECTOR	PIN	WIRE	PREFIX	CONNECTOR	PIN	WIRE	MULTI GROUP	CODE	COLOR	IDENT												
12368	XA220	43		XA210	48				16B	9				TD30C0	01	TD30C0	00	1	TH1	D5		24B	TD BIT 30 UNLOAD	
12369	XA210	48		XA210	56				16B	9				TD30C0	02	K0230A	01	1	TQ2	D2		22A		
12370	XA210	56												TD30C0	03	K0130A	01	2	TQ2	D1		26A		
12371	XA423	21		XA109	54				16B	9				TD30SA	01	TD30SA	00	1	TQ2	B3		10B	MEMORY DATA INPU	
12372	XA109	54												TD30SA	02	TD3000	01	1	TQ2	D1		25A		
12373	XA420	41										J	TD30SDX	01	TD30SDX	00	1	DCF	B5			16A	YI30CB4 BUSS	
12374	XA420	40		XA423	19				16B	9				TD30SDX	01	TD30SDX	00	1	DCF	B6		15A		
12375	XA423	19												TD30SDX	02	TD30SA	01	2	TQ2	B3		09B		
12376	XA217	54		XA216	47				16B	9				TD3000	01	TD3081	01	1	TDD	G1		25A		
12377	XA216	47												TD3000	02	TD3000	00	1	TS8	D1		25B	TD REG BIT 30 OR	
12378	XA214	52		XA216	56				16B	9				TD301A	01	TD301A	00	1	TQ2	D1		24A	XFER TC30 TO TD3	
12379	XA216	56												TD301A	02	TD3000	01	8	TS8	D1		26A		
12380	XA218	45		XA216	48				16B	9				TD302A	01	TD302A	00	1	TQ2	D3		24B	UPDATE TC30 TO T	
12381	XA216	48												TD302A	02	TD3000	01	3	TS8	D1		22A		
12382	XA237	46		XA216	49				16B	9				TD303A	01	TD303A	00	1	TQ2	D2		21A	BYTE 4 XFER BIT	
12383	XA216	49												TD303A	02	TD3000	01	4	TS8	D1		26B		
12384	XA216	52		XA123	69				16B	9				TD304A	01	TD3000	01	6	TS8	D1		24A		
12385	XA123	69												TD304A	02	TD304A	00	1	TQ2	F3		35A	DATA BUS XFER BI	
12386	XA237	45		XA216	46				16B	9				TD306A	01	TD306A	00	1	TQ2	D3		24B	INPUT BYTE 4 TEO	
12387	XA216	46												TD306A	02	TD3000	01	2	TS8	D1		21A		
12388	XA134	55		XA216	43				16B	9				TD307A	01	TD307A	00	1	TT3	E2		29B	TER WORD SEL SET	
12389	XA216	43												TD307A	02	TD3000	01	1	TS8	D1		23B		
12390	XA216	50		XA135	72				16B	9				TD308A	01	TD3000	01	5	TS8	D1		23A		
12391	XA135	72												TD308A	02	TD308A	00	1	TH1	F4		34A	PAR REG SEL TC10	
12392	XA134	63		XA135	74				16B	9				TD3080	01	TD3080	00	1	TT3	E3		33B	PAR REG SEL TC03	
12393	XA135	74												TD3080	02	TD308A	01	1	TH1	F4		35A		
12394	XA220	51		XA219	49				16B	9				TD31BP	01	TD31C0	01	1	TH1	D6		27B		
12395	XA219	49		XA217	45				16B	9				TD31BP	02	T3130A	01	2	TQ2	D4		26B		
12396	XA217	45												TD31BP	03	TD31BP	00	1	TDD	HP		24B	TD REG BIT 31 RE	
12397	XA420	34		XA317	48				16B	9				TD31BQ	01	TD31S9X	01	1	DCF	B8		12A		
12398	XA317	48		XA217	43				16B	9				TD31BQ	02	TC31BI	01	1	TDD	HI		22A		
12399	XA217	43		XA219	41				16B	9				TD31BQ	03	TD31BQ	00	1	TDD	HQ		23B	TD REG BIT 31 SE	
12400	XA219	41		XA218	50				16B	9				TD31BQ	04	T3031A	01	1	TQ2	D3		22B		
12401	XA218	50		XA219	50				16B	9				TD31BQ	05	TF313A	01	2	TQ2	D2		23A		
												****	SIGNAL (TD31BQ)		IS ON THE		NEXT PAGE		****					

DRAWING NUMBER		149019-800		STRING		UNIT ASSEMBLY NO.		149019		REV		G		INDEX		TD31BQ				
UNIT ASSEMBLY NAME		CARD CAGE ASSY, I/O UNIT		FILE IDENT		T39BIUX2		DATE		09-03-82		PAGE		199						
RECORD NUMBER	FROM			TO			WIRE			SIGNAL	SEQ NO	EQUATION	TERM	CKT OR CHIP TYPE	SPOF	LOAD OR POWER PLANE	TEST POINTS AND/OR	SIGNAL DESCRIPTION	ECO NO	
	PREFIX	CONNECTOR	PIN	PREFIX	CONNECTOR	PIN	GROUP	CODE	COLOR											IDENT
12402		XA219	50		XA126	78		16B	9		TD31BQ	06	TF077A	01	2	TQ2	D2	23A		
12403		XA126	78								TD31BQ	07	JOB31D	01	2	TLD	F4	38A		
12404		XA220	53		XA210	47		16B	9		TD31C0	01	TD31C0	00	1	THI	D6	26B	TD BIT 31 UNLOAD	
12405		XA210	47		XA210	43		16B	9		TD31C0	02	K0231A	01	1	TQ2	D4	25B		
12406		XA210	43								TD31C0	03	K0131A	01	2	TQ2	D3	23B		
12407		XA423	27		XA109	41		16B	9		TD31SA	01	TD31SA	00	1	TQ2	B4	13B	MEMORY DATA INPU	
12408		XA109	41								TD31SA	02	TDS310	01	1	TQ2	D3	22B		
12409		XA420	23							J	TD31SDX	01	TD31SDX	00	1	DCF	B7	10A	YI31CB4 BUSS	
12410		XA420	30		XA423	25		16B	9		TD31SOX	01	TD31SOX	00	1	DCF	B8	11A		
12411		XA423	25								TD31SOX	02	TD31SA	01	2	TQ2	B4	12B		
12412		XA215	47		XA217	48		16B	9		TD3100	01	TD3100	00	1	TS8	D1	25B	TD REG BIT 31 OR	
12413		XA217	48								TD3100	02	TD31B1	01	1	TDD	HI	22A		
12414		XA214	46		XA215	54		16B	9		TD311A	01	TD311A	00	1	TQ2	D2	21A	XFER TC31 TO TD3	
12415		XA215	54								TD311A	02	TD3100	01	7	TS8	D1	25A		
12416		XA319	63		XA215	56		16B	9		TD312A	01	TD312A	00	1	TT3	E3	33B	UPDATE TC31 TO T	
12417		XA215	56								TD312A	02	TD3100	01	8	TS8	D1	26A		
12418		XA237	57		XA215	46		16B	9		TD313A	01	TD313A	00	1	TQ2	E3	30B	BYTE 4 XFER BIT	
12419		XA215	46								TD313A	02	TD3100	01	2	TS8	D1	21A		
12420		XA215	52		XA123	80		16B	9		TD314A	01	TD3100	01	6	TS8	D1	24A		
12421		XA123	80								TD314A	02	TD314A	00	1	TQ2	F4	39A	DATA BUS XFER BIT	
12422		XA237	63		XA215	43		16B	9		TD316A	01	TD316A	00	1	TQ2	E4	33B	INPUT BYTE 4 TEO	
12423		XA215	43								TD316A	02	TD3100	01	1	TS8	D1	23B		
12424		XA325	72		XA217	59		16B	9		TD32BP	01	TPEMAA	01	2	TD4	F2	34A		
12425		XA217	59								TD32BP	02	TD325P	00	1	TDD	JP	31B	PRERESET MEMORY	
12426		XA304	71		XA315	59		16B	9		TD32BQ	01	TMPB1A	01	1	TQ2	F2	36A		
12427		XA315	59		XA217	61		16B	9		TD32BQ	02	TPEMBA	01	2	TT3	E3	31B		
12428		XA217	61								TD32BQ	03	TD32BQ	00	1	TDD	JQ	32B	PRESET MEMORY PA	
12429		XA217	63		XA423	38		16B	9		TD32SA	01	TD32BQ	01	1	TDD	JQ	33B		
12430		XA423	38								TD32SA	02	TD32SA	00	1	TQ2	C1	18A	MEMORY PARITY BI	
12431		XA418	65							J	TD32SDX	01	TD32SDX	00	1	DCF	D1	32B	YIOPCB4 BUSS	
12432		XA418	69		XA423	42		16B	9		TD32SOX	01	TD32SOX	00	1	DCF	D2	33B	MEM DAT D/R PARITY	
12433		XA423	42								TD32SOX	02	TD32SA	01	2	TQ2	C1	20A		
12434		XA237	75		XA238	56		16B	9		TECKAA	01	TECKAA	00	1	TQ2	F1	37B	TE 08-31 CLOCK U	
12435		XA238	56		XA238	46		16B	9		TECKAA	02	TE30BN	01	1	TDD	GN	26A		
										****	SIGNAL	TECKAA	IS ON THE			NEXT PAGE	****			

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 UNIT ASSEMBLY NAME CARD CAGE ASSY, I/O UNIT

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UNIT ASSEMBLY NO. 149019
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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	DIAG	MULTI GROUP	CODE	COLOR								IDENT	SPIC INST		
12436		XA238	46		XA238	42				16B	9			TECKAA	03	TE31BN	01	1	TDD	HN	21A		
12437		XA238	42		XA238	30				16B	9			TECKAA	04	TE28BN	01	1	TDD	EN	20A		
12438		XA238	30		XA238	26				16B	9			TECKAA	05	TE29BN	01	1	TDD	FN	15A		
12439		XA238	26		XA238	14				16B	9			TECKAA	06	TE26BN	01	1	TDD	CN	14A		
12440		XA238	14		XA238	01				16B	9			TECKAA	07	TE27BN	01	1	TDD	DN	09A		
12441		XA238	01											TECKAA	08	TE25BN	01	1	TDD	BN	02B		
12442		XA238	10		XA242	01				16B	9			TECKBA	01	TE24BN	01	1	TDD	AN	07A		
12443		XA242	01		XA242	10				16B	9			TECKBA	02	TE22BN	01	1	TDD	BN	02B		
12444		XA242	10		XA242	14				16B	9			TECKBA	03	TE23BN	01	1	TDD	AN	07A		
12445		XA242	14		XA242	26				16B	9			TECKBA	04	TE20BN	01	1	TDD	DN	09A		
12446		XA242	26		XA242	30				16B	9			TECKBA	05	TE21BN	01	1	TDD	CN	14A		
12447		XA242	30		XA242	42				16B	9			TECKBA	06	TE18BN	01	1	TDD	FN	15A		
12448		XA242	42		XA237	72				16B	9			TECKBA	07	TE19BN	01	1	TDD	EN	20A		
12449		XA237	72											TECKBA	08	TECKBA	00	1	TQ2	F2	34A		TE 08-31 CLOCK U
12450		XA237	69		XA242	46				16B	9			TECKCA	01	TECKCA	00	1	TQ2	F3	35A		TE 08-31 CLOCK
12451		XA242	46		XA242	56				16B	9			TECKCA	02	TE16BN	01	1	TDD	HN	21A		
12452		XA242	56		XA242	60				16B	9			TECKCA	03	TE17BN	01	1	TDD	GN	26A		
12453		XA242	60		XA242	70				16B	9			TECKCA	04	TE14BN	01	1	TDD	KN	28A		
12454		XA242	70		XA242	72				16B	9			TECKCA	05	TE15BN	01	1	TDD	JN	33A		
12455		XA242	72		XA242	79				16B	9			TECKCA	06	TE12BN	01	1	TDD	MN	34A		
12456		XA242	79		XA251	79				16B	9			TECKCA	07	TE13BN	01	1	TDD	LN	39B		
12457		XA251	79											TECKCA	08	TE11BN	01	1	TDD	LN	39B		
12458		XA244	60		XA244	70				16B	9			TECKDA	01	TE09BN	01	1	TDD	KN	28A		
12459		XA244	70		XA244	79				16B	9			TECKDA	02	TE08BN	01	1	TDD	JN	33A		
12460		XA244	79		XA237	80				16B	9			TECKDA	03	TE10BN	01	1	TDD	LN	39B		
12461		XA237	80											TECKDA	04	TECKDA	00	1	TQ2	F4	39A		TE 08-31 CLOCK
12462		XA143	72		XA244	01				16B	9			TECK1A	01	TE00BN	01	1	TDD	MN	34A		
12463		XA244	01		XA244	14				16B	9			TECK1A	02	TE01BN	01	1	TDD	BN	02B		
12464		XA244	14		XA244	26				16B	9			TECK1A	03	TE03BN	01	1	TDD	DN	09A		
12465		XA244	26		XA244	30				16B	9			TECK1A	04	TE02BN	01	1	TDD	CN	14A		
12466		XA244	30		XA244	42				16B	9			TECK1A	05	TE05BN	01	1	TDD	FN	15A		
12467		XA244	42		XA239	75				16B	9			TECK1A	06	TE04BN	01	1	TDD	EN	20A		
12468		XA239	75											TECK1A	07	TECK1A	00	1	TQ2	F1	37B		CLOCK INPUT
12469		XA236	59		XA237	73				16B	9			TECK10	01	TECK10	00	1	TD4	E1	31B		CLOCK INPUT BITS
12470		XA237	73		XA237	77				16B	9			TECK10	02	TECKBA	01	2	TQ2	F2	36B		
12471		XA237	77		XA237	78				16B	9			TECK10	03	TECKAA	01	1	TQ2	F1	38B		
12472		XA237	78		XA237	74				16B	9			TECK10	04	TECKDA	01	2	TQ2	F4	38A		
12473		XA237	74		XA239	71				16B	9			TECK10	05	TECKCA	01	2	TQ2	F3	35B		
12474		XA239	71		XA239	79				16B	9			TECK10	06	TECK2A	01	1	TQ2	F2	36A		
12475		XA239	79											TECK10	07	TECK1A	01	2	TQ2	F1	39B		
12476		XA244	46		XA244	56				16B	9			TECK2A	01	TE07BN	01	1	TDD	HN	21A		
12477		XA244	56		XA239	72				16B	9			TECK2A	02	TE06BN	01	1	TDD	GN	26A		
12478		XA239	72											TECK2A	03	TECK2A	00	1	TQ2	F2	34A		CLOCK INPUT BIT
												****	SIGNAL	(TED0AA)	IS ON THE	NEXT PAGE	****						

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RECORD NUMBER	FROM			TO			WIRE			SIGNAL	SEQ NO	EQUATION	TERM	FACT	CKT OR CHIP TYPE	GROUP	LOAD OR POWER PLANE	TEST POINTS AND/OR	SIGNAL DESCRIPTION	ECO NO
	PREFIX	CONNECTOR	PIN	PREFIX	CONNECTOR	PIN	MULTI GROUP	CODE	COLOR											
12479		XA109	27		XA247	08		16B	9		TED0AA	01	TED0AA	00	1	TQ2	B4	13B	DATA BIT 0.I1	
12480		XA247	08								TED0AA	02	TE0040	01	6	TS8	A1	06A		
12481		XA246	11		XA109	38		16B	9		TED1AA	01	TE0140	01	1	TQ2	A4	05B		
12482		XA109	38								TED1AA	02	TE01AA	00	1	TQ2	C1	18A	DATA BIT 1.I1	
09281		XA138	39		XA246	26		16B	9		TED2AA	01	TE02AA	00	1	TQ2	C4	19B	S14.M3.MEM PE*-0G01	
12484		XA246	26								TED2AA	02	TE0240	01	2	TQ2	B1	14A		
12485		XA246	25		XA109	33		16B	9		TED3AA	01	TE0340	01	2	TQ2	B4	12B		
12486		XA109	33								TED3AA	02	TE03AA	00	1	TQ2	C3	16B	DATA BIT 3.I1	
12487		XA109	39		XA246	40		16B	9		TED4AA	01	TE04AA	00	1	TQ2	C4	19B	DATA BIT 4.I1	
12488		XA246	40								TED4AA	02	TE0440	01	1	TQ2	C1	19A		
12489		XA246	37		XA109	51		16B	9		TED5AA	01	TE0540	01	2	TQ2	C4	18B		
12490		XA109	51								TED5AA	02	TE05AA	00	1	TQ2	D4	27B	DATA BIT 5.I1	
12491		XA109	63		XA246	54		16B	9		TED6AA	01	TE06AA	00	1	TQ2	E4	33B	DATA BIT 6.I1	
12492		XA246	54								TED6AA	02	TE0640	01	1	TQ2	D1	25A		
12493		XA208	15		XA246	49		16B	9		TED7AA	01	TE07AA	00	1	TQ2	A4	07B	DATA BIT 7.I1	
12494		XA246	49								TED7AA	02	TE0740	01	2	TQ2	D4	26B		
12495		XA428	01		XA418	08		16B	9		TEGND A	01	TEGND A	00	1	THI	A4	02B		
12496		XA418	08		XA418	11		16B	9		TEGND A	02	TDI1A0X	01	1	DCF	A6	06A		
12497		XA418	11		XA418	13		16B	9		TEGND A	03	TDIPA0X	01	1	DCF	A2	04B		
12498		XA418	13		XA418	33		16B	9		TEGND A	04	TDIOA0X	01	1	DCF	A4	05B		
12499		XA418	33		XA418	34		16B	9		TEGND A	05	TDI4A0X	01	1	DCF	B4	13B		
12500		XA418	34		XA418	38		16B	9		TEGND A	06	TDI6A0X	01	1	DCF	B8	12A		
12501		XA418	38		XA418	50		16B	9		TEGND A	07	TDI5A0X	01	1	DCF	B6	14A		
12502		XA418	50		XA418	54		16B	9		TEGND A	08	TRQ3A0X	01	1	DCF	C8	28A		
12503		XA418	54		XA418	51		16B	9		TEGND A	09	TRQ2A0X	01	1	DCF	C6	30A		
12504		XA418	51		XA418	73		16B	9		TEGND A	10	TRQ1A0X	01	1	DCF	C4	28B		
12505		XA418	73		XA418	74		16B	9		TEGND A	11	TRQ5A0X	01	1	DCF	D4	35B		
12506		XA418	74		XA418	70		16B	9		TEGND A	12	TRQ6A0X	01	1	DCF	D6	37A		
12507		XA418	70		XA420	72		16B	9		TEGND A	13	TRQ7A0X	01	1	DCF	D8	35A		
20476		XA420	72		XA420	52		16B	9		TEGND A	14	TCMDADX40	1	1	DCF	D7	36A		B02
10708		XA420	52		XA421	39		16B	9		TEGND A	145	TDI3ADX40	1	1	DCF	C1	29A		B03
12509		XA421	39								TEGND A	15	YSN2CHX	01	1	ACF	C2	20A		
12510		XA303	26		XA420	79		BF	1EB	0	TENAADG4	01				EXT				
12511		XA420	79								TENAADG4	02				DCF		40B		
12514		XA303	25		XA420	80		BF	1EB	9	TENAADX4	005				EXT				
12512		XA420	80		XA411	10		16B	9		TENAADX4	01	TENAADX400	1	1	DCF	D5	38B	EXT ENABLE	
12513		XA411	10								TENAADX4	02				RR4	A2			
12515		XA551	59		XA544	59		16B	9		TENACA	01	XEENB0	01	1	THI	E5	31B		
12516		XA544	59		XA538	59		16B	9		TENACA	02	XDENB0	01	1	THI	E5	31B		
								****	SIGNAL		TENACA		IS ON THE			NEXT PAGE	****			

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	PREFIX	CONNECTOR	PIN	SNFG	PREFIX	CONNECTOR	PIN	SNFG	MULTI GROUP	CODE	COLOR	IDENT											
12517		XA538	59		XA531	59			16B	9		TENACA	03	XCENB0	01	1	THI	E5		31B			
12518		XA531	59		XA525	59			16B	9		TENACA	04	XBENB0	01	1	THI	E5		31B			
12519		XA525	59		XA518	59			16B	9		TENACA	05	XAENB0	01	1	THI	E5		31B			
12520		XA518	59		XA426	64			16B	9		TENACA	06	XIENB0	01	1	THI	E5		31B			
12521		XA426	64		XA415	06			16B	9		TENACA	07	TENACO	01	1	THI	E1		33A			
12522		XA415	06									TENACA	08	TENACA	00	1	TQ2	A1		05A		I/O ENABLE	
12523		XA420	74		XA426	66			16B	9		TENACO	01	TENAAOX	01	1	DCF	D6		37A			
12524		XA426	66									TENACO	02	TENACO	00	1	THI	E1		32A			
12525		XA317	62		XA238	57			16B	9		TENBBP	01	TS3EBI	01	1	TDD	KI		29A			
12526		XA238	57		XA141	79			16B	9		TENBBP	02	TENBBP	00	1	TDD	KP		30B		ENABLE F/F RESET	
12527		XA141	79		XA137	77			16B	9		TENBBP	03	TCDEN0	01	2	TQ2	F1		39B			
12528		XA137	77		XA230	24			16B	9		TENBBP	04	TENB40	01	2	TT3	F1		38B			
12529		XA230	24		XA122	53			16B	9		TENBBP	05	TI10CA	01	1	TQ2	B1		13A			
12530		XA122	53									TENBBP	06	TI23EO	01	1	TT3	E2		28B			
12531		XA407	68		XA415	10			16B	9		TENBBQ	01	RENSOA	01	1	TQ2	E1		32A			
12532		XA415	10		XA305	68			16B	9		TENBBQ	02	TENACA	01	2	TQ2	A1		07A			
12533		XA305	68		XA206	35			16B	9		TENBBQ	03	TIOIHA	01	3	TD4	E1		32A			
12534		XA206	35		XA238	55			16B	9		TENBBQ	04	TI213A	01	2	TT3	C3		17B			
12535		XA238	55									TENBBQ	05	TENBBQ	00	1	TDD	KQ		29B		ENABLE F/F-SET	
12536		XA139	77		XA238	64			16B	9		TENB1A	01	TENB1A	00	1	THI	F6		38A		CLOCK IN ENABLE	
12537		XA238	64		XA238	66			16B	9		TENB1A	02	TENBBP	01	1	TDD	KP		30A			
12538		XA238	66									TENB1A	03	TCMDBP	01	1	TDD	JP		31A			
12539		XA141	63		XA139	75			16B	9		TENB10	01	TENB10	00	1	TQ2	E4		33B		CLOCK IN ENABLE-	
12540		XA139	75									TENB10	02	TENB1A	01	1	THI	F6		39A			
12541		XA136	45		XA141	59			16B	9		TENB2A	01	TENB2A	00	1	TD4	D2		24B		OSC.COUNT#4	
12542		XA141	59									TENB2A	02	TENB10	01	1	TQ2	E4		31B			
12543		XA238	62		XA137	73			16B	9		TENB40	01	TENBBI	01	1	TDD	KI		29A			
12544		XA137	73									TENB40	02	TENB40	00	1	TT3	F1		36B		DATA INPUT-ORED	
12545		XA143	73		XA244	04			16B	9		TERSAA	01	TE00BP	01	1	TDD	MP		36B			
12546		XA244	04		XA244	20			16B	9		TERSAA	02	TE01BP	01	1	TDD	BP		04A			
12547		XA244	20		XA244	22			16B	9		TERSAA	03	TE03BP	01	1	TDD	DP		11A			
12548		XA244	22		XA342	37			16B	9		TERSAA	04	TE02BP	01	1	TDD	CP		12A			
12549		XA342	37									TERSAA	05	TERSAA	00	1	THI	C2		17A		RESET INPUT	
16506		XA250	76		XA342	35			16B	9		TERSA0	01	TERSA0	00	1	TS8	F1		37A		S4+S8+S10+S12+S1C05	
12551		XA342	35		XA428	22			16B	9		TERSA0	02	TERSA0	01	1	THI	C2		18A			
12552		XA428	22									TERSA0	03	TERSBA	01	1	THI	B1		14A			
12553		XA244	36		XA244	38			16B	9		TERSBA	01	TE05BP	01	1	TDD	FP		17A			
12554		XA244	38		XA244	50			16B	9		TERSBA	02	TE04BP	01	1	TDD	EP		18A			
12555		XA244	50		XA244	52			16B	9		TERSBA	03	TE07BP	01	1	TDD	HP		23A			
12556		XA244	52		XA428	24			16B	9		TERSBA	04	TE06BP	01	1	TDD	GP		24A			
												****	SIGNAL	(TERSBA	IS ON THE NEXT PAGE				****				

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RECORD NUMBER	FROM				TO				WIRE				SIGNAL	SEQ NO	EQUATION	TERM	FACTOR	CKT OR CHIP TYPE	GROUP	LOAD OR POWER PLANE	TEST POINTS AND/OR	SIGNAL DESCRIPTION	ECO NO	
	PREFIX	CONNECTOR	PIN	DR PC	PREFIX	CONNECTOR	PIN	DR PC	MULTI GROUP	CODE	COLOR	IDENT												SPEC INST MISC
12557		XA428	24										TERS8A	05	TERS8A	00	1	THI	B1		13A			
12558		XA418	06		XA108	07			16B	9			TER1AA	01	TDIPADX40	01	1	DCF	A1		05A			
12559		XA108	07		XA146	37			16B	9			TER1AA	02	TER1AA	00	1	TT3	A2		03A	TE0031 RESET SI		
12560		XA146	37										TER1AA	03	TBRCP0	01	2	TQ2	C4		18B			
12561		XA128	59		XA250	73			16B	9			TER4AA	01	TER4AA	00	1	TS8	E1		31B	TE0007 RESET C=1C05		
16184		XA250	73										TER4AA	02	TERSA0	01	3	TS8	F1		36B		C05	
07851		XA141	33		XA250	77			16B	9			TER5AA	01	TER5AA	00	1	TQ2	C3		16B		C05	
16020		XA250	77										TER5AA	02	TERSA0	01	6	TS8	F1		38B		C05	
07821		XA112	01		XA128	68			16B	9			TER6AA	01	TER6AA	00	1	TQ2	A2		02B		C08	
10048		XA128	68										TER6AA	02	TER4AA	01	7	TS8	E1		32A		C08	
12563		XA205	03		XA247	01			16B	9			TES1AA	01	TES1AA	00	1	THI	A3		03A			
12564		XA247	01		XA246	56			16B	9			TES1AA	02	TE0040	01	1	TS8	A1		02B			
12565		XA246	56										TES1AA	03	TE0640	01	2	TQ2	D1		26A			
12566		XA112	14		XA205	04			16B	9			TES1A0	01	TES1A0	00	1	TQ2	B2		09A			
12567		XA205	04										TES1A0	02	TES1AA	01	1	THI	A3		02A			
12568		XA208	45		XA112	18			16B	9			TES11A	01	TES11A	00	1	TQ2	O3		24B	S16.E0B. -PRE		
12569		XA112	18										TES11A	02	TES1A0	01	1	TQ2	B2		10A			
12570		XA108	20		XA112	20			16B	9			TES12A	01	TES12A	00	1	TT3	B1		11A	I2*.E0B.CLK- PRE		
12571		XA112	20										TES12A	02	TES1A0	01	2	TQ2	B2		11A			
12572		XA246	24		XA247	13			16B	9			TES2AA	01	TE0240	01	1	TQ2	B1		13A			
12573		XA247	13		XA108	19			16B	9			TES2AA	02	TE0040	01	8	TS8	A1		06B			
12574		XA108	19										TES2AA	03	TES2AA	00	1	TT3	B2		09B	I2*.STOP BURST.C		
12575		XA114	14		XA114	60			16B	9			TES3AA	01	TI3100	01	1	TS8	B1		09A			
12576		XA114	60		XA205	01			16B	9			TES3AA	02	TCMD40	01	2	TS8	E1		28A			
12577		XA205	01		XA247	04			16B	9			TES3AA	03	TES3AA	00	1	THI	A4		02B	PRESET TE 0,1,7		
12578		XA247	04		XA246	47			16B	9			TES3AA	04	TE0040	01	2	TS8	A1		04A			
12579		XA246	47										TES3AA	05	TE0740	01	1	TQ2	D4		25B			
12580		XA112	21		XA205	05			16B	9			TES3A0	01	TES3A0	00	1	TQ2	B3		10B	PRESET TE 0,1,7-		
12581		XA205	05										TES3A0	02	TES3AA	01	1	THI	A4		03B			
12582		XA108	27		XA112	17			16B	9			TES32A	01	TES32A	00	1	TT3	B3		13B	S16.COMPUTER END		
12583		XA112	17		XA334	79			16B	9			TES32A	02	TES3A0	01	1	TQ2	B3		08B			
12584		XA334	79										TES32A	03	TMHST0	01	8	TS8	F1		39B			
12585		XA247	10		XA205	09			16B	9			TES4AA	01	TE0040	01	7	TS8	A1		07A			
12586		XA205	09		XA112	27			16B	9			TES4AA	02	TES4A0	01	1	THI	A5		05B			
12587		XA112	27										TES4AA	03	TES4AA	00	1	TQ2	B4		13B	PRESET TE 00,01		
12588		XA112	29		XA112	34			16B	9			TES4A0	01	TES7AA	01	1	TQ2	C3		14B			
													****	SIGNAL	(TES4A0)	IS ON THE	NEXT PAGE	****						

DRAWING NUMBER		149019-800		STRING		UNIT ASSEMBLY NO.		149019		REV		G		INDEX		TES4A0			
UNIT ASSEMBLY NAME		CARD CAGE ASSY, I/O UNIT				FILE IDENT		T39BIUX2		DATE		09-03-82		PAGE		204			
RECORD NUMBER	PREFIX	CONNECTOR	PIN	TO PREFIX	CONNECTOR	PIN	WIRE	WIRE	IDENT	SIGNAL	SEQ NO	EQUATION	TERM	FUNCTION	CKT OR CHIP TYPE	LOAD OR POWER PLANE	TEST POINTS AND JP	SIGNAL DESCRIPTION	ECO NO
12589		XA112	34		XA112	40	16B	9		TES4A0	02	TES6AA	01	1	TQ2	C2	16A		
12590		XA112	40		XA205	07	16B	9		TES4A0	03	TES5AA	01	1	TQ2	C1	19A		
12591		XA205	07							TES4A0	04	TES4A0	00	1	TH1	A5	04B	STATE S23.10 -0	
12592		XA246	23		XA112	38	16B	9		TES5AA	01	TE0340	01	1	TQ2	B4	11B		
12593		XA112	38							TES5AA	02	TES5AA	00	1	TQ2	C1	18A	PRESET TE 03 DE	
12594		XA112	30		XA246	42	16B	9		TES6AA	01	TES6AA	00	1	TQ2	C2	15A	PRESET TE 04 DE	
12595		XA246	42							TES6AA	02	TE0440	01	2	TQ2	C1	20A		
12596		XA246	35		XA112	33	16B	9		TES7AA	01	TE0540	01	1	TQ2	C4	17B		
12597		XA112	33							TES7AA	02	TES7AA	00	1	TQ2	C3	16B	PRESET TE 05 IT	
12598		XA113	18		XA108	24	16B	9		TE0BA0	01	TE0BB1	01	1	TDD	DI	10A		
12599		XA108	24		XA208	43	16B	9		TE0BA0	02	TES12A	01	2	TT3	B1	13A		
12600		XA208	43		XA305	11	16B	9		TE0BA0	03	TES11A	01	2	TQ2	D3	23B		
12601		XA305	11							TE0BA0	04	TE0BA0	00	1	TQ4	A1	05B	SET EOB F/F	
12602		XA142	64		XA113	21	16B	9		TE0BBP	01	TBRRE0	01	2	TQ2	E2	30A		
12603		XA113	21							TE0BBP	02	TE0BBP	00	1	TDD	DP	10B		
12604		XA304	65		XA112	61	16B	9		TE0BBQ	01	TE0B1A	01	1	TQ2	F3	34B		
12605		XA112	61		XA113	19	16B	9		TE0BBQ	02	TI314A	01	2	TQ2	E4	32B		
12606		XA113	19							TE0BBQ	03	TE0BBQ	00	1	TDD	DQ	09B	PRESET INPUT EOR	
12607		XA305	13		XA304	69	16B	9		TE0B1A	01	TE0BA0	01	4	TQ4	A1	06B		
12608		XA304	69							TE0B1A	02	TE0B1A	00	1	TQ2	F3	35A	EOB NOT I3	
12609		XA325	21		XA113	17	16B	9		TE0B2A	01	TE0B2A	00	1	TQ4	B2	10B	SI6 NO STOP CODE	
12610		XA113	17							TE0B2A	02	TE0BBQ	01	1	TDD	DQ	08B		
12611		XA339	23		XA340	66	16B	9		TE0PBP	01	TE0PBP	00	1	TDD	CP	11B	PRERESSET INPUT	
12612		XA340	66							TE0PBP	02	TPEP0A	01	1	TT3	E1	31A		
12613		XA239	74		XA339	25	16B	9		TE0PBQ	01	TPE0PA	01	2	TQ2	F3	35B		
12614		XA339	25							TE0PBQ	02	TE0PBQ	00	1	TDD	CQ	12B	INPUT PARITY LIN	
12615		XA143	69		XA246	05	16B	9		TE00BP	01	TE00BP	00	1	TDD	MP	35A	BIT 00 I/O REG R	
12616		XA246	05							TE00BP	02	TPE10A	01	2	TQ2	A2	03B		
12617		XA208	68		XA235	68	16B	9		TE00BQ	01	TDL03A	01	1	TQ2	E1	32A		
12618		XA235	68		XA240	76	16B	9		TE00BQ	02	TF248A	01	1	TQ2	E1	32A		
12619		XA240	76		XA246	08	16B	9		TE00BQ	03	TD003A	01	1	TQ2	F4	37A		
12620		XA246	08		XA143	74	16B	9		TE00BQ	04	TPE01A	01	1	TQ2	A1	06A		
12621		XA143	74							TE00BQ	05	TE00BQ	00	1	TDD	MQ	35B	BIT 00 I/O REG S	
12622		XA143	71		XA243	11	16B	9		TE0010	01	TE00B1	01	1	TDD	M1	36A		
12623		XA243	11							TE0010	02	TE0010	00	1	TS8	A1	05B	ORED DATA INPUT	
12624		XA245	08		XA143	65	16B	9		TE004A	01	TE004A	00	1	TH1	A2	04A	SET INPUT BIT 00	
**** SIGNAL (TE004A) IS ON THE NEXT PAGE ****																			

DRAWING NUMBER		149019-800		STRING		UNIT ASSEMBLY NO.		149019		REV		G		INDEX		TE004A			
UNIT ASSEMBLY NAME		CARD CAGE ASSY, I/G UNIT		STRING		PRINT IDENT		T39BIUX2		DATE		09-03-82		PAGE		205			
RECORD NUMBER	FROM	TO	WIRE	WIRE	WIRE	WIRE	WIRE	WIRE	WIRE	WIRE	WIRE	WIRE	WIRE	WIRE	WIRE	WIRE	WIRE		
	PREFIX	CONNECTOR	PIN	PREFIX	CONNECTOR	PIN	CODE	COLOR	IDENT	TERMINAL	EQ. NO.	EQUATION	Z	TYPE	GROUP	LOAD OR POWER PLANE	TEST POINTS	SIGNAL DESCRIPTION	TCO NO.
12625		XA143	65							TE004A	02	TE00BQ	01	I	TDD	MQ	34B		
12626		XA247	11		XA245	06		16B	9	TE0040	01	TE0040	00	I	TS8	A1	05B	SET INPUT BIT 00	
12627		XA245	06							TE0040	02	TE004A	01	I	THI	A2	05A		
12628		XA244	09		XA246	04		16B	9	TE01BP	01	TE01BP	00	I	TDD	BP	04B	BIT 01 I/O REG R	
12629		XA246	04							TE01BP	02	TPE10A	01	I	TQ2	A2	04A		
12630		XA246	10		XA244	07		16B	9	TE01BQ	01	TPE01A	01	2	TQ2	A1	07A		
12631		XA244	07		XA240	65		16B	9	TE01BQ	02	TE01BQ	00	I	TDD	BQ	03A	BIT 01 I/O REG S	
12632		XA240	65		XA235	62		16B	9	TE01BQ	03	TD013A	01	I	TQ2	F3	34B		
12633		XA235	62		XA208	62		16B	9	TE01BQ	04	TF258A	01	I	TQ2	E2	29A		
12634		XA208	62							TE01BQ	05	TDL13A	01	I	TQ2	E2	29A		
12635		XA243	23		XA244	05		16B	9	TE0110	01	TE0110	00	I	TS8	B1	11B	ORED DATA INPUT	
12636		XA244	05							TE0110	02	TE01B1	01	I	TDD	B1	03B		
12637		XA245	07		XA244	03		16B	9	TE014A	01	TE014A	00	I	THI	A5	04B	SET INPUT BIT 01	
12638		XA244	03							TE014A	02	TE01BQ	01	I	TDD	BQ	02A		
12639		XA246	15		XA245	09		16B	9	TE0140	01	TE0140	00	I	TQ2	A4	07B	SET INPUT BIT 01	
12640		XA245	09							TE0140	02	TE014A	01	I	THI	A5	05B		
12641		XA244	23		XA246	19		16B	9	TE02BP	01	TE02BP	00	I	TDD	CP	11B	BIT 02 I/O REG R	
12642		XA246	19							TE02BP	02	TPE32A	01	2	TQ2	B3	09B		
12643		XA246	18		XA244	25		16B	9	TE02BQ	01	TPE23A	01	I	TQ2	B2	10A		
12644		XA244	25		XA240	73		16B	9	TE02BQ	02	TE02BQ	00	I	TDD	CQ	12B	PIT 02 I/O REG S	
12645		XA240	73		XA235	55		16B	9	TE02BQ	03	TD023A	01	2	TQ2	F2	36B		
12646		XA235	55		XA208	53		16B	9	TE02BQ	04	TF268A	01	2	TQ2	E3	29B		
12647		XA208	53							TE02BQ	05	TDL23A	01	I	TQ2	E3	28B		
12648		XA243	35		XA244	24		16B	9	TE0210	01	TE0210	00	I	TS8	C1	17B	ORED DATA INPUT	
12649		XA244	24							TE0210	02	TE02B1	01	I	TDD	CI	13A		
12650		XA244	27		XA245	24		16B	9	TE024A	01	TE02BQ	01	I	TDD	CQ	13B		
12651		XA245	24							TE024A	02	TE024A	00	I	THI	B1	13A	SET INPUT BIT 02	
12652		XA246	22		XA245	22		16B	9	TE0240	01	TE0240	00	I	TQ2	B1	12A	SET INPUT BIT 02	
12653		XA245	22							TE0240	02	TE024A	01	I	THI	B1	14A		
12654		XA244	21		XA246	17		16B	9	TE03BP	01	TE03BP	00	I	TDD	DP	10B	BIT 03 I/O REG R	
12655		XA246	17							TE03BP	02	TPE32A	01	I	TQ2	B3	08B		
12656		XA246	20		XA244	19		16B	9	TE03BQ	01	TPE23A	01	2	TQ2	B2	11A		
12657		XA244	19		XA240	79		16B	9	TE03BQ	02	TE03BQ	00	I	TDD	DQ	09B	BIT 03 I/O REG S	
12658		XA240	79		XA235	61		16B	9	TE03BQ	03	TD033A	01	2	TQ2	F1	39B		
12659		XA235	61		XA208	59		16B	9	TE03BQ	04	TF278A	01	2	TQ2	E4	32B		
12660		XA208	59							TE03BQ	05	TDL33A	01	I	TQ2	E4	31B		
*** SIGNAL (TE0310) IS ON THE NEXT PAGE ***																			

DRAWING NUMBER 149019-800
UNIT ASSEMBLY NAME CARD CAGE ASSY, I/O UNIT

STRING

UNIT ASSEMBLY NO. 149019
FILE IDENT T39BIUX2

REV G
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RECORD NUMBER	FROM				TO				WIRE				SIGNAL	SEC NO	EQUATION	TERM	FACTOR	CKT OR CHIP TYPE	GROUP	LOAD CP POWER PLANE	TEST POINTS AND/OR	SIGNAL DESCRIPTION	ECO NO
	PREFIX	CONNECTOR	PIN	DR	PREFIX	CONNECTOR	PIN	DR	MULTI GROUP	CODE	COLOR	IDENT											
12661		XA243	47										TE0310	01	TE0310	00	1	TS8	D1		25B	ORED DATA INPUT	
12662		XA244	18		XA244	18			16B	9			TE0310	02	TE03BI	01	1	TDD	DI		10A		
12663		XA245	14		XA244	17			16B	9			TE034A	01	TE034A	00	1	THI	B4		08B	SET INPUT BIT 03	
12664		XA244	17										TE034A	02	TE03BQ	01	1	TDD	DQ		08B		
12665		XA246	27		XA245	17			16B	9			TE0340	01	TE0340	00	1	TQ2	B4		13B	SET INPUT BIT 03	
12666		XA245	17										TE0340	02	TE034A	01	1	THI	B4		09B		
12667		XA244	35		XA246	31			16B	9			TE04BP	01	TE04BP	00	1	TDD	EP		17B	BIT 04 I/O REG R	
12668		XA246	31										TE04BP	02	TPE54A	01	2	TQ2	C3		15B		
12669		XA246	34		XA244	37			16B	9			TE04BQ	01	TPE45A	01	1	TQ2	C2		16A	BIT 04 I/O REG S	
12670		XA244	37		XA240	59			16B	9			TE04BQ	02	TE04BQ	00	1	TDD	EQ		18B		
12671		XA240	59		XA235	79			16B	9			TE04BQ	03	TD043A	01	1	TQ2	E4		31B		
12672		XA235	79		XA208	77			16B	9			TE04BQ	04	TF288A	01	2	TQ2	F1		39B		
12673		XA208	77										TE04BQ	05	TDL43A	01	1	TQ2	F1		38B		
12674		XA243	59		XA244	40			16B	9			TE0410	01	TE0410	00	1	TS8	E1		31B		ORED DATA INPUT
12675		XA244	40										TE0410	02	TE04BI	01	1	TDD	EI		19A		
12676		XA244	39		XA245	40			16B	9			TE044A	01	TE04BQ	01	1	TDD	EQ		19B	SET INPUT BIT 04	
12677		XA245	40										TE044A	02	TE044A	00	1	THI	C1		19A		
12678		XA246	38		XA245	38			16B	9			TE0440	01	TE0440	00	1	TQ2	C1		18A	SET INPUT BIT 04	
12679		XA245	38										TE0440	02	TE044A	01	1	THI	C1		20A		
12680		XA244	33		XA246	29			16B	9			TE05BP	01	TE05BP	00	1	TDD	FP		16B	BIT 05 I/O REG R	
12681		XA246	29										TE05BP	02	TPE54A	01	1	TQ2	C3		14B		
12682		XA246	36		XA244	31			16B	9			TE05BQ	01	TPE45A	01	2	TQ2	C2		17A	BIT 05 I/O REG S	
12683		XA244	31		XA240	55			16B	9			TE05BQ	02	TE05BQ	00	1	TDD	FQ		15B		
12684		XA240	55		XA235	73			16B	9			TE05BQ	03	TD053A	01	2	TQ2	E3		29B		
12685		XA235	73		XA207	77			16B	9			TE05BQ	04	TF298A	01	2	TQ2	F2		36B		
12686		XA207	77										TE05BQ	05	TDL53A	01	1	TQ2	F1		38B		
12687		XA243	76		XA244	34			16B	9			TE0510	01	TE0510	00	1	TS8	F1		37A	ORED DATA INPUT	
12688		XA244	34										TE0510	02	TE05BI	01	1	TDD	FI		16A		
12689		XA244	29		XA245	30			16B	9			TE054A	01	TE05BQ	01	1	TDD	FQ		14B	SET INPUT BIT 05	
12690		XA245	30										TE054A	02	TE054A	00	1	THI	C4		14B		
12691		XA246	39		XA245	29			16B	9			TE0540	01	TE0540	00	1	TQ2	C4		19B	SET INPUT BIT 05	
12692		XA245	29										TE0540	02	TE054A	01	1	THI	C4		15B		
12693		XA244	47		XA246	43			16B	9			TE06BP	01	TE06BP	00	1	TDD	GP		25B	BIT 06 I/O REG R	
12694		XA246	43										TE06BP	02	TPE76A	01	2	TQ2	D3		23B		
12695		XA246	48		XA244	49			16B	9			TE06BQ	01	TPE67A	01	1	TQ2	D2		22A	BIT 06 I/O REG S	
12696		XA244	49		XA240	64			16B	9			TE06BQ	02	TE06BQ	00	1	TDD	GQ		26B		
									****	SIGNAL	(TE06BQ)				IS ON THE	NEXT PAGE	****						

DRAWING NUMBER 149019-800
UNIT ASSEMBLY NAME CARD CAGE ASSY, I/O UNIT

STRING

UNIT ASSEMBLY NO. 149019
FILE IDENT T39BIUX2

REV G
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RECORD NUMBER	FRGM				TO				WIRE				SIGNAL	SEQ NO	EQUATION	TERM	FACTOR	CKT OR CHIP TYPE	GROUP	LOAD OR POWER PLANE	TEST POINTS AND/OR	SIGNAL DESCRIPTION	ECO NO	
	PREFIX	CONNECTOR	PIN	OR	PREFIX	CONNECTOR	PIN	OR	MULTI GROUP	CODE	COLOR	IDENT												
12697		XA240	64		XA235	65			16B	9			TE068Q	03	TD063A	01	2	TQ2	E2		30A			
12698		XA235	65		XA208	65			16B	9			TE068Q	04	TF308A	01	1	TQ2	F3		34B			
12699		XA208	65										TE068Q	05	TDL63A	01	1	TQ2	F3		34B			
12700		XA244	54		XA247	47			16B	9			TE0610	01	TE068I	01	1	TDD	G1		25A			
12701		XA247	47										TE0610	02	TE0610	00	1	TS8	D1		25B	ORED DATA INPUT		
12702		XA245	54		XA244	51			16B	9			TE064A	01	TE064A	00	1	THI	D1		25A	SET INPUT BIT 06		
12703		XA244	51										TE064A	02	TE068Q	01	1	TDD	G0		27B			
12704		XA246	52		XA245	52			16B	9			TE0640	01	TE0640	00	1	TQ2	D1		24A	SET INPUT BIT 06		
12705		XA245	52										TE0640	02	TE064A	01	1	THI	D1		26A			
12706		XA244	45		XA246	41			16B	9			TE078P	01	TE078P	00	1	TDD	HP		24B	BIT 07 I/O REG R		
12707		XA246	41										TE078P	02	TPE76A	01	1	TQ2	D3		22B			
12708		XA246	50		XA244	43			16B	9			TE078Q	01	TPE67A	01	2	TQ2	D2		23A			
12709		XA244	43		XA240	70			16B	9			TE078Q	02	TE078Q	00	1	TDD	HQ		23B	BIT 07 I/O REG S		
12710		XA240	70		XA235	76			16B	9			TE078Q	03	TD073A	01	2	TQ2	E1		33A			
12711		XA235	76		XA208	76			16B	9			TE078Q	04	TF318A	01	1	TQ2	F4		37A			
12712		XA208	76										TE078Q	05	TDL73A	01	1	TQ2	F4		37A			
12713		XA244	48		XA247	35			16B	9			TE0710	01	TE078I	01	1	TDD	HI		22A			
12714		XA247	35										TE0710	02	TE0710	00	1	TS8	C1		17B	ORED DATA INPUT		
12715		XA245	43		XA244	41			16B	9			TE074A	01	TE074A	00	1	THI	D5		24B	SET INPUT BIT 07		
12716		XA244	41										TE074A	02	TE078Q	01	1	TDD	HQ		22B			
12717		XA246	51		XA245	45			16B	9			TE0740	01	TE0740	00	1	TQ2	D4		27B	SET INPUT BIT 07		
12718		XA245	45										TE0740	02	TE074A	01	1	THI	D5		25B			
12719		XA239	13		XA240	47			16B	9			TE088Q	01	TF008A	01	2	TQ2	A4		06B			
12720		XA240	47		XA244	61			16B	9			TE088Q	02	TD083A	01	1	TQ2	D4		25B			
12721		XA244	61										TE088Q	03	TE088Q	00	1	TDD	JQ		32B	BIT 08 I/O REG S		
12722		XA248	59		XA244	68			16B	9			TE0810	01	TE0810	00	1	TD4	E1		31B	ORED DATA INPUT		
12723		XA244	68										TE0810	02	TE088I	01	1	TDD	JI		32A			
12724		XA239	07		XA240	41			16B	9			TE098Q	01	TF018A	01	2	TQ2	A3		03A			
12725		XA240	41		XA244	55			16B	9			TE098Q	02	TD093A	01	1	TQ2	D3		22B			
12726		XA244	55										TE098Q	03	TE098Q	00	1	TDD	KQ		29B	BIT 09 I/O REG S		
12727		XA248	57		XA244	62			16B	9			TE0910	01	TE0910	00	1	TD4	E2		30B	ORED DATA INPUT		
12728		XA244	62										TE0910	02	TE098I	01	1	TDD	KI		29A			
12729		XA239	04		XA240	50			16B	9			TE108Q	01	TF028A	01	1	TQ2	A2		04A			
12730		XA240	50		XA244	78			16B	9			TE108Q	02	TD103A	01	2	TQ2	D2		23A			
12731		XA244	78										TE108Q	03	TE108Q	00	1	TDD	LQ		38A	BIT 10 I/O REG S		
12732		XA248	76		XA244	77			16B	9			TE1010	01	TE1010	00	1	TD4	F1		37A	ORED DATA INPUT		
									****		SIGNAL	(TE1010)		IS ON THE										

DRAWING NUMBER		149019-800										STRING		UNIT ASSEMBLY NO.		149019		REV G		INDEX		TE1010	
UNIT ASSEMBLY NAME		CARD CAGE ASSY, I/O UNIT										FILE IDENT		T39BIUX2		DATE		09-03-82		PAGE		208	
RECORD NUMBER	FROM			TO			WIRE				SPEC. MISC.	SIGNAL	SEQ NO	EQUATION	TERM	FACTOR	CKT OR CHIP TYPE	GROUP	LOAD OR POWER PLANE	TEST POINTS AND OP	SIGNAL DESCRIPTION	ECO NO	
	PREFIX	CONNECTOR	PIN	PREFIX	CONNECTOR	PIN	SH. FC	MULTI GROUP	CODE	COLOR													IDENT
12733		XA244	77									TE1010	02	TE108I	01	1	TDD	LI		38B			
12734		XA239	08		XA240	56			16B	9		TE118Q	01	TF038A	01	1	TQ2	A1		06A			
12735		XA240	56		XA251	78			16B	9		TE118Q	02	TD113A	01	2	TQ2	D1		26A			
12736		XA251	78									TE118Q	03	TE118Q	00	1	TDD	LQ		38A	BIT 11 I/O REG S		
12737		XA251	77		XA248	69			16B	9		TE1110	01	TE118I	01	1	TDD	LI		38B			
12738		XA248	69									TE1110	02	TE1110	00	1	TD4	F2		35A	ORED DATA INPUT		
12739		XA239	25		XA240	35			16B	9		TE128Q	01	TF048A	01	2	TQ2	B4		12B			
12740		XA240	35		XA242	74			16B	9		TE128Q	02	TD123A	01	1	TQ2	C4		17B			
12741		XA242	74									TE128Q	03	TE128Q	00	1	TDD	MQ		35B	BIT 12 I/O REG S		
12742		XA241	69		XA242	71			16B	9		TE1210	01	TE1210	00	1	TD4	F2		35A	ORED DATA INPUT		
12743		XA242	71									TE1210	02	TE128I	01	1	TDD	MI		36A			
12744		XA239	19		XA240	31			16B	9		TE138Q	01	TF058A	01	2	TQ2	B3		09B			
12745		XA240	31		XA242	78			16B	9		TE138Q	02	TD133A	01	2	TQ2	C3		15B			
12746		XA242	78									TE138Q	03	TE138Q	00	1	TDD	LQ		38A	BIT 13 I/O REG S		
12747		XA241	76		XA242	77			16B	9		TE1310	01	TE1310	00	1	TD4	F1		37A	ORED DATA INPUT		
12748		XA242	77									TE1310	02	TE138I	01	1	TDD	LI		38B			
12749		XA239	18		XA240	34			16B	9		TE148Q	01	TF068A	01	1	TQ2	B2		10A			
12750		XA240	34		XA242	55			16B	9		TE148Q	02	TD143A	01	1	TQ2	C2		16A			
12751		XA242	55									TE148Q	03	TE148Q	00	1	TDD	KQ		29B	BIT 14 I/O REG S		
12752		XA241	57		XA242	62			16B	9		TE1410	01	TE1410	00	1	TD4	E2		30B	ORED DATA INPUT		
12753		XA242	62									TE1410	02	TE148I	01	1	TDD	KI		29A			
12754		XA239	24		XA240	40			16B	9		TE158Q	01	TF078A	01	1	TQ2	B1		13A			
12755		XA240	40		XA242	61			16B	9		TE158Q	02	TD153A	01	1	TQ2	C1		19A			
12756		XA242	61									TE158Q	03	TE158Q	00	1	TDD	JQ		32B	BIT 15 I/O REG S		
12757		XA242	68		XA241	59			16B	9		TE1510	01	TE158I	01	1	TDD	JI		32A			
12758		XA241	59									TE1510	02	TE1510	00	1	TD4	E1		31B	ORED DATA INPUT		
12759		XA240	23		XA239	35			16B	9		TE168Q	01	TD163A	01	1	TQ2	B4		11B			
12760		XA239	35		XA242	43			16B	9		TE168Q	02	TF088A	01	1	TQ2	C4		17B			
12761		XA242	43									TE168Q	03	TE168Q	00	1	TDD	HQ		23B	BIT 16 I/O REG S		
12762		XA241	45		XA242	48			16B	9		TE1610	01	TE1610	00	1	TD4	D2		24B	ORED DATA INPUT		
12763		XA242	48									TE1610	02	TE168I	01	1	TDD	HI		22A			
12764		XA240	19		XA239	31			16B	9		TE178Q	01	TD173A	01	2	TQ2	B3		09B			
12765		XA239	31		XA242	49			16B	9		TE178Q	02	TF098A	01	2	TQ2	C3		15B			
12766		XA242	49									TE178Q	03	TE178Q	00	1	TDD	GQ		26B	BIT 17 I/O REG S		
12767		XA242	54		XA241	47			16B	9		TE1710	01	TE178I	01	1	TDD	GI		25A			
12768		XA241	47									TE1710	02	TE1710	00	1	TD4	D1		25B	ORED DATA INPUT		

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DRAWING NUMBER 149019-800
 UNIT ASSEMBLY NAME CARD CAGE ASSY, I/O UNIT

STRING

UNIT ASSEMBLY NO. 149019
 FILE IDENT T39BIUX2

REV G
 DATE 09-03-82

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 PAGE 209

RECORD NUMBER	FROM			TO			WIRE				SPEC INST MISC	SIGNAL	SEQ NO	EQUATION	TERM	FACTOR	CKT OR CHIP TYPE	GROUP	LOAD OR POWER PLANE	TEST POINTS AND/OR	SIGNAL DESCRIPTION	ECO NO	
	PREFIX	CONNECTOR	PIN	PREFIX	CONNECTOR	PIN	SH 12	SH 12	GROUP	CODE													COLOR
12769		XA239	36		XA242	31				16B	9		TE188Q	01	TF108A	01	2	TQ2	C2		17A		
12770		XA242	31		XA240	20				16B	9		TE188Q	02	TE188Q	00	1	TDD	FQ		15B	BIT 18 I/O REG S	
12771		XA240	20										TE188Q	03	TD183A	01	2	TQ2	B2		11A		
12772		XA242	34		XA241	33				16B	9		TE1810	01	TE188B	01	1	TDD	FI		16A		
12773		XA241	33										TE1810	02	TE1810	00	1	TD4	C2		16B	ORED DATA INPUT	
12774		XA239	42		XA242	37				16B	9		TE198Q	01	TF118A	01	2	TQ2	C1		20A		
12775		XA242	37		XA240	24				16B	9		TE198Q	02	TE198Q	00	1	TDD	EQ		18B	BIT 19 I/O REG S	
12776		XA240	24										TE198Q	03	TD193A	01	1	TQ2	B1		13A		
12777		XA242	40		XA241	35				16B	9		TE1910	01	TE198B	01	1	TDD	EI		19A		
12778		XA241	35										TE1910	02	TE1910	00	1	TD4	C1		17B	ORED DATA INPUT	
12779		XA239	47		XA240	13				16B	9		TE208Q	01	TF128A	01	1	TQ2	D4		25B		
12780		XA240	13		XA242	19				16B	9		TE208Q	02	TD203A	01	2	TQ2	A4		06B		
12781		XA242	19										TE208Q	03	TE208Q	00	1	TDD	DQ		09B	BIT 20 I/O REG S	
12782		XA242	18		XA241	21				16B	9		TE2010	01	TE208B	01	1	TDD	D1		10A		
12783		XA241	21										TE2010	02	TE2010	00	1	TD4	B2		10B	ORED DATA INPUT	
12784		XA240	07		XA242	25				16B	9		TE218Q	01	TD213A	01	2	TQ2	A3		03A		
12785		XA242	25		XA239	41				16B	9		TE218Q	02	TE218Q	00	1	TDD	CQ		12B	BIT 21 I/O REG S	
12786		XA239	41										TE218Q	03	TF138A	01	1	TQ2	D3		22B		
12787		XA242	24		XA241	23				16B	9		TE2110	01	TE218B	01	1	TDD	CI		13A		
12788		XA241	23										TE2110	02	TE2110	00	1	TD4	B1		11B	ORED DATA INPUT	
12789		XA239	50		XA240	04				16B	9		TE228Q	01	TF148A	01	2	TQ2	D2		23A		
12790		XA240	04		XA242	07				16B	9		TE228Q	02	TD223A	01	1	TQ2	A2		04A		
12791		XA242	07										TE228Q	03	TE228Q	00	1	TDD	BQ		03A	BIT 22 I/O REG S	
12792		XA242	05		XA241	09				16B	9		TE2210	01	TE228B	01	1	TDD	BI		03B		
12793		XA241	09										TE2210	02	TE2210	00	1	TD4	A2		04B	ORED DATA INPUT	
12794		XA239	56		XA240	08				16B	9		TE238Q	01	TF158A	01	2	TQ2	D1		26A		
12795		XA240	08		XA242	13				16B	9		TE238Q	02	TD233A	01	1	TQ2	A1		06A		
12796		XA242	13										TE238Q	03	TE238Q	00	1	TDD	AQ		06B	BIT 23 I/O REG S	
12797		XA242	08		XA241	11				16B	9		TE2310	01	TE238B	01	1	TDD	AI		06A		
12798		XA241	11										TE2310	02	TE2310	00	1	TD4	A1		05B	ORED DATA INPUT	
12799		XA342	06		XA333	04				16B	9		TE248P	01	TE24C0	01	1	THI	A2		05A		
12800		XA333	04		XA238	11				16B	9		TE248P	02	TCBS1A	01	2	TS8	A1		04A		
12801		XA238	11										TE248P	03	TE248P	00	1	TDD	AP		05B	BIT 24 I/O REG R	
12802		XA237	05		XA238	13				16B	9		TE248Q	01	TD243A	01	2	TQ2	A2		03B		
12803		XA238	13		XA239	59				16B	9		TE248Q	02	TE248Q	00	1	TDD	AQ		06B	BIT 24 I/O REG S	
													****	SIGNAL	(TE248Q)								IS ON THE NEXT PAGE ****

DRAWING NUMBER		149019-800		STRING		UNIT ASSEMBLY NO.		149019		REV		G		INDEX		TE24BQ				
UNIT ASSEMBLY NAME		CARD CAGE		ASSY, I/O UNIT		FILE IDENT		T39BIUX2		DATE		09-03-82		PAGE		210				
RECORD NUMBER	FROM			TO			WIRE			SIGNAL	SEC NO	EQUATION	TERM	FACTOR	CKT OR CHIP TYPE	GROUP	LOAD CR POWER PLANE	TEST POINTS AND/OR	SIGNAL DESCRIPTION	ECO NO
	PREFIX	CONNECTOR	PIN	PREFIX	CONNECTOR	PIN	SIZE	MULTI GROUP	COLOR											
12804		XA239	59		XA333	26			16B	9	TE24BQ	03	TF168A	01	1	TQ2	E4	31B		
12805		XA333	26								TE24BQ	04	TCBS2A	01	8	TS8	B1	14A		
12806		XA235	04		XA234	10			16B	9	TE24C0	01	TD246A	01	1	TQ2	A2	04A		
12807		XA234	10		XA235	10			16B	9	TE24C0	02	TD166A	01	2	TQ2	A1	07A		
12808		XA235	10		XA237	10			16B	9	TE24C0	03	TD086A	01	2	TQ2	A1	07A		
12809		XA237	10		XA342	08			16B	9	TE24C0	04	TD006A	01	2	TQ2	A1	07A		
12810		XA342	08		XA340	26			16B	9	TE24C0	05	TE24C0	00	1	TH1	A2	04A	TE BIT 24 UNLOAD	
12811		XA340	26								TE24C0	06	TBLP0A	01	3	TT3	B1	14A		
12812		XA236	11		XA238	08			16B	9	TE2410	01	TE2410	00	1	TD4	AI	05B	ORED DATA INPUT	
12813		XA238	08								TE2410	02	TE24BI	01	1	TDD	AI	06A		
12814		XA333	06		XA342	04			16B	9	TE25BP	01	TCBS1A	01	4	TS8	A1	05A		
12815		XA342	04		XA238	09			16B	9	TE25BP	02	TE25C0	01	1	TH1	A3	02A		
12816		XA238	09								TE25BP	03	TE25BP	00	1	TDD	BP	04B	BIT 25 I/O REG R	
12817		XA234	07		XA238	07			16B	9	TE25BQ	01	TD253A	01	2	TQ2	A3	03A		
12818		XA238	07		XA239	53			16B	9	TE25BQ	02	TE25BQ	00	1	TDD	BQ	03A	BIT 25 I/O REG S	
12819		XA239	53		XA333	25			16B	9	TE25BQ	03	TF178A	01	1	TQ2	E3	28B		
12820		XA333	25								TE25BQ	04	TCBS2A	01	7	TS8	B1	12B		
12821		XA234	05		XA235	03			16B	9	TE25C0	01	TD016A	01	2	TQ2	A2	03B		
12822		XA235	03		XA237	07			16B	9	TE25C0	02	TD176A	01	1	TQ2	A3	02A		
12823		XA237	07		XA237	11			16B	9	TE25C0	03	TD096A	01	2	TQ2	A3	03A		
12824		XA237	11		XA342	03			16B	9	TE25C0	04	TD256A	01	1	TQ2	A4	05B		
12825		XA342	03		XA340	14			16B	9	TE25C0	05	TE25C0	00	1	TH1	A3	03A	TE BIT 25 UNLOAD	
12826		XA340	14								TE25C0	06	TBLP1A	01	1	TT3	B2	09A		
12827		XA236	09		XA238	05			16B	9	TE2510	01	TE2510	00	1	TD4	A2	04B	ORED DATA INPUT	
12828		XA238	05								TE2510	02	TE25BI	01	1	TDD	BI	03B		
12829		XA333	22		XA342	05			16B	9	TE26BP	01	TCBS2A	01	5	TS8	B1	12A		
12830		XA342	05		XA238	23			16B	9	TE26BP	02	TE26C0	01	1	TH1	A4	03B		
12831		XA238	23								TE26BP	03	TE26BP	00	1	TDD	CP	11B	BIT 26 I/O REG R	
12832		XA234	24		XA238	25			16B	9	TE26BQ	01	TD263A	01	1	TQ2	B1	13A		
12833		XA238	25		XA239	64			16B	9	TE26BQ	02	TE26BQ	00	1	TDD	CQ	12B	BIT 26 I/O REG S	
12834		XA239	64		XA333	07			16B	9	TE26BQ	03	TF188A	01	2	TQ2	E2	30A		
12835		XA333	07								TE26BQ	04	TCBS1A	01	5	TS8	A1	03A		
12836		XA234	11		XA235	13			16B	9	TE26C0	01	TD106A	01	1	TQ2	A4	05B		
12837		XA235	13		XA235	26			16B	9	TE26C0	02	TD026A	01	2	TQ2	A4	06B		
12838		XA235	26		XA237	26			16B	9	TE26C0	03	TD266A	01	2	TQ2	B1	14A		
12839		XA237	26		XA342	01			16B	9	TE26C0	04	TD186A	01	2	TQ2	B1	14A		
12840		XA342	01		XA340	25			16B	9	TE26C0	05	TE26C0	00	1	TH1	A4	02B	TE BIT 26 UNLOAD	
12841		XA340	25								TE26C0	06	TBLP2A	01	3	TT3	B3	12B		
12842		XA236	23		XA238	24			16B	9	TE2610	01	TE2610	00	1	TD4	B1	11B	ORED DATA INPUT	
12843		XA238	24								TE2610	02	TE26BI	01	1	TDD	CI	13A		

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TM 11-5895-856-34-18/EE640-CA-MMI-180/E154 CPU/TO 31W2-2T-122-18

DRAWING NUMBER 149019-800
UNIT ASSEMBLY NAME CARD CAGE ASSY, I/O UNIT

STRING

UNIT ASSEMBLY NO. 149019
FILE IDENT T39BIUX2

REV G
DATE 09-33-82

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RECORD NUMBER	FROM			TO			WIRE				SIGNAL	SQ NO	EQUATION	TEST POINT	CKT OR CHIP TYPE	LOAD OR POWER PLANE	TEST POINTS AND/OR	SIGNAL DESCRIPTION	ECO NO			
	PREFIX	CONNECTOR	PIN	PREFIX	CONNECTOR	PIN	WIRE NO	MULTI GROUP	CODE	COLOR										DLT	SPECIAL	
12844		XA342	09		XA333	01			168	9			TE278P	01	TE27C0	01	1	THI	A5	05B		
12845		XA333	01		XA238	21			168	9			TE278P	02	TCBS1A	01	1	TS8	A1	02B		
12846		XA238	21										TE278P	03	TE278P	00	1	TDD	DP	10B	BIT 27 I/O REG R	
12847		XA237	19		XA238	19			168	9			TE278Q	01	T0273A	01	2	TQ2	B3	09B		
12848		XA238	19		XA239	70			168	9			TE278Q	02	TE278Q	00	1	TDD	DQ	09B	BIT 27 I/O REG S	
12849		XA239	70		XA333	14			168	9			TE278Q	03	TF198A	01	2	TQ2	E1	33A		
12850		XA333	14										TE278Q	04	TCBS2A	01	1	TS8	B1	09A		
12851		XA235	19		XA234	18			168	9			TE27C0	01	T0276A	01	2	TQ2	B3	09B		
12852		XA234	18		XA235	18			168	9			TE27C0	02	T0196A	01	1	TQ2	B2	10A		
12853		XA235	18		XA237	18			168	9			TE27C0	03	T0116A	01	1	TQ2	B2	10A		
12854		XA237	18		XA342	07			168	9			TE27C0	04	T0036A	01	1	TQ2	B2	10A		
12855		XA342	07		XA340	38			168	9			TE27C0	05	TE27C0	00	1	THI	A5	04B	TE BIT 27 UNLOAD	
12856		XA340	38										TE27C0	06	TBLP3A	01	1	TT3	C1	18A		
12857		XA236	21		XA238	18			168	9			TE2710	01	TE2710	00	1	TD4	B2	10B	ORED DATA INPUT	
12858		XA238	18										TE2710	02	TE27BI	01	1	TDD	DI	10A		
12859		XA333	20		XA342	15			168	9			TE288P	01	TCBS2A	01	4	TS8	B1	11A		
12860		XA342	15		XA238	35			168	9			TE288P	02	TE28C0	01	1	THI	A6	07B		
12861		XA238	35										TE288P	03	TE288P	00	1	TDD	EP	17B	BIT 28 I/O REG R	
12862		XA234	25		XA238	37			168	9			TE288Q	01	T0283A	01	2	TQ2	B4	12B		
12863		XA238	37		XA235	54			168	9			TE288Q	02	TE288Q	00	1	TDD	EQ	18B	BIT 28 I/O REG S	
12864		XA235	54		XA333	13			168	9			TE288Q	03	TF208A	01	1	TQ2	D1	25A		
12865		XA333	13										TE288Q	04	TCBS1A	01	8	TS8	A1	06B		
12866		XA234	19		XA235	23			168	9			TE28C0	01	T0046A	01	2	TQ2	B3	09B		
12867		XA235	23		XA237	25			168	9			TE28C0	02	T0206A	01	1	TQ2	B4	11B		
12868		XA237	25		XA237	42			168	9			TE28C0	03	T0126A	01	2	TQ2	B4	12B		
12869		XA237	42		XA342	10			168	9			TE28C0	04	T0286A	01	2	TQ2	C1	20A		
12870		XA342	10										TE28C0	05	TE28C0	00	1	THI	A6	06B	TE BIT 28 UNLOAD	
12871		XA236	35		XA238	40			168	9			TE2810	01	TE2810	00	1	TD4	C1	17B	ORED DATA INPUT	
12872		XA238	40										TE2810	02	TE28BI	01	1	TDD	E1	19A		
12873		XA333	24		XA342	22			168	9			TE298P	01	TCBS2A	01	6	TS8	B1	13A		
12874		XA342	22		XA238	33			168	9			TE298P	02	TE29C0	01	1	THI	B1	14A		
12875		XA238	33										TE298P	03	TE298P	00	1	TDD	FP	16B	BIT 29 I/O REG R	
12876		XA238	31		XA237	29			168	9			TE298Q	01	TE298Q	00	1	TDD	FQ	15B	BIT 29 I/O REG S	
12877		XA237	29		XA235	48			168	9			TE298Q	02	T0293A	01	1	TQ2	C3	14B		
12878		XA235	48		XA333	10			168	9			TE298Q	03	TF218A	01	1	TQ2	D2	22A		
12879		XA333	10										TE298Q	04	TCBS1A	01	7	TS8	A1	07A		
12880		XA235	42		XA235	31			168	9			TE29C0	01	T0056A	01	2	TQ2	C1	20A		
12881		XA235	31		XA235	34			168	9			TE29C0	02	T0296A	01	2	TQ2	C3	15B		
										****	SIGNAL	(TE29C0)	IS ON THE NEXT PAGE ****									

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DRAWING NUMBER		149019-800		STRING		UNIT ASSEMBLY NO.		149019		REV		G		INDEX		TE29C0					
UNIT ASSEMBLY NAME		CARD CAGE ASSY,I/O UNIT		FILE IDENT		T398IUX2		DATE		09-03-82		PAGE		212							
RECORD NUMBER	FROM			TO			WIRE			SIGNAL	SPD NO	EQUATION	Z	W	UNIT	CUT OR CHG TYPE	CIRCUIT	TEST POINTS	SIGNAL DESCRIPTION	ECO NO	
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12882		XA235	34		XA237	34		16B	9		TE29C0	03	TD216A	01	1	TQ2	C2	16A			
12883		XA237	34		XA342	24		16B	9		TE29C0	04	TD136A	01	1	TQ2	C2	16A			
12884		XA342	24								TE29C0	00	TE29C0	00	1	THI	B1	13A		TE BIT 29 UNLOAD	
12885		XA236	33		XA238	34		16B	9		TE2910	01	TE2910	00	1	TJ4	C2	16B		ORED DATA INPUT	
12886		XA238	34								TE2910	02	TE29B1	01	1	TJ0	F1	16A			
12887		XA342	20		XA333	18		16B	9		TE308P	01	TE30C0	01	1	THI	B3	10A			
12888		XA333	18		XA238	47		16B	9		TE308P	02	TCBS2A	01	2	TS8	B1	10A			
12889		XA238	47								TE308P	03	TE308P	00	1	TDD	GP	25B		BIT 30 I/O REG R	
12890		XA238	49		XA237	50		16B	9		TE308Q	01	TE308Q	00	1	TDD	GQ	26B		BIT 30 I/O REG S	
12891		XA237	50		XA235	43		16B	9		TE308Q	02	TD303A	01	2	TQ2	D2	23A			
12892		XA235	43		XA333	08		16B	9		TE308Q	03	TF228A	01	2	TQ2	D3	23B			
12893		XA333	08								TE308Q	04	TCBS1A	01	6	TS8	A1	06A			
12894		XA342	18		XA237	56		16B	9		TE30C0	01	TE30C0	00	1	THI	B3	09A		TE BIT 30 UNLOAD	
12895		XA237	56		XA237	41		16B	9		TE30C0	02	TD226A	01	2	TQ2	D1	26A			
12896		XA237	41		XA237	35		16B	9		TE30C0	03	TD306A	01	1	TQ2	D3	22B			
12897		XA237	35		XA235	35		16B	9		TE30C0	04	TD066A	01	1	TQ2	C4	17B			
12898		XA235	35								TE30C0	05	TD146A	01	1	TQ2	C4	17B			
12899		XA236	47		XA238	54		16B	9		TE3010	01	TE3010	00	1	TD4	D1	25B		ORED DATA INPUT	
12900		XA238	54								TE3010	02	TE30B1	01	1	TDD	GI	25A			
12901		XA333	19		XA342	17		16B	9		TE318P	01	TCBS2A	01	3	TS8	B1	09B			
12902		XA342	17		XA238	45		16B	9		TE318P	02	TE31C0	01	1	THI	B4	09B			
12903		XA238	45								TE318P	03	TE318P	00	1	TDD	HP	24B		BIT 31 I/O REG R	
12904		XA238	43		XA237	53		16B	9		TE318Q	01	TE318Q	00	1	TDD	HQ	23B		BIT 31 I/O REG S	
12905		XA237	53		XA235	49		16B	9		TE318Q	02	TD313A	01	1	TQ2	E3	28B			
12906		XA235	49		XA333	05		16B	9		TE318Q	03	TF238A	01	2	TQ2	D4	26B			
12907		XA333	05								TE318Q	04	TCBS1A	01	3	TS8	A1	03B			
12908		XA237	49		XA237	61		16B	9		TE31C0	01	TD076A	01	2	TQ2	D4	26B			
12909		XA237	61		XA237	62		16B	9		TE31C0	02	TD316A	01	2	TQ2	E4	32B			
12910		XA237	62		XA237	68		16B	9		TE31C0	03	TD236A	01	1	TQ2	E2	29A			
12911		XA237	68		XA342	14		16B	9		TE31C0	04	TD156A	01	1	TQ2	E1	32A			
12912		XA342	14								TE31C0	05	TE31C0	00	1	THI	B4	08B		TE BIT 31 UNLOAD	
12913		XA236	45		XA238	48		16B	9		TE3110	01	TE3110	00	1	TD4	D2	24B		ORED DATA INPUT	
12914		XA238	48								TE3110	02	TE31B1	01	1	TDD	HI	22A			
12915		XA440	31		XA446	51		16B	9		TF10AR	01	TF10AS	01	2	TQ2	C3	15B			
12916		XA446	51								TF10AR	02	TF10AR	00	1	TQ2	D4	27B		CLK ADD REG J-3	
12917		XA423	77		XA438	08		16B	9		TF10AS	01	TMPWAA	01	1	TQ2	F1	38B		(CPU#1)	
12918		XA438	08		XA440	33		16B	9		TF10AS	02	TF10C0	01	1	TQ2	A1	06A			
12919		XA440	33		XA446	49		16B	9		TF10AS	03	TF10AS	00	1	TQ2	C3	16B		RESET/RESTART CON	
12920		XA446	49		XA446	35		16B	9		TF10AS	04	TF10AR	01	2	TQ2	D4	26B			
										****	SIGNAL	(TF10AS)	IS ON THE			NEXT PAGE	****				

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UNIT ASSEMBLY NAME CARD CAGE ASSY, I/O UNIT											T398IUX2		09-03-82	213	
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	PREFIX	CONNECTOR	PIN	PREFIX	CONNECTOR	PIN	TEST	TEST	TEST	TEST	TEST	TEST	TEST	TEST	TEST
12931		XA446	35												
12921		XA438	06		XA426	65		16B	9						
12922		XA426	65												
12923		XA445	42		XA446	30		16B	9						
12924		XA446	30		XA249	05		16B	9						
12925		XA249	05												
12926		XA446	36		XA445	36		16B	9						
12927		XA445	36		XA446	20		16B	9						
12939		XA446	20												
12928		XA426	68		XA437	78		16B	9						
05916		XA437	78		XA440	11		16B	9						
12930		XA440	11		XA446	18		16B	9						
12932		XA446	18		XA249	04		16B	9						
12933		XA249	04												
12934		XA446	39		XA421	09		16B	9						
12935		XA421	09		XA432	73		16B	9						
05939		XA432	73												
12936		XA440	29		XA439	31		16B	9						
12937		XA439	31		XA437	77		16B	9						
05997		XA437	77		XA446	37		16B	9						
12940		XA446	37		XA442	50		16B	9						
14271		XA442	50		XA433	04		16B	9						
14270		XA433	04		XA414	41		16B	9						
14264		XA414	41		XA405	75		16B	9						
14263		XA405	75												
12941		XA439	33		XA425	45		16B	9						
12942		XA425	45												
05967		XA437	75		XA440	15		16B	9						
12944		XA440	15		XA445	40		16B	9						
12945		XA445	40												
12946		XA445	38		XA437	76		16B	9						
07990		XA437	76		XA412	49		16B	9						
12948		XA412	49												
12949		XA234	38		XA243	13		16B	9						
12950		XA243	13												
12951		XA243	10		XA234	30		16B	9						
12952		XA234	30												
12953		XA231	06		XA243	04		16B	9						
										****	SIGNAL	(TF003A)	IS ON THE	NEXT PAGE	****

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149019-800 CARD CAGE ASSY, I/O UNIT												149019 T39BIJX2		09-03-82		TF003A 214					
RECORD NUMBER	FROM			TO			WIRE				SIGNAL	REL NO	EQUATION	S	T	CAT	TYPE	UNIT	DESCRIPTION	ECO NO	
	PREFIX	CONNECTOR	PIN	PREFIX	CONNECTOR	PIN	MULTI GROUP	CODE	COLOR	INENT											
12954		XA243	04									TF003A	02	TE0010	01	2	TS8	A1		04A	
12955		XA243	08		XA231	01		168	9			TF004A	01	TE0010	01	6	TS8	A1		06A	
12956		XA231	01									TF004A	02	TF004A	00	1	TQ2	A2		02B	TD00 TO TE00 GAT
12957		XA231	66		XA243	01		168	9			TF005A	01	TF005A	00	1	TQ2	E1		31A	TD08 TO TE00 GAT
12958		XA243	01									TF005A	02	TE0010	01	1	TS8	A1		02B	
12959		XA225	33		XA243	06		168	9			TF006A	01	TF006A	00	1	TQ2	C3		16B	TD16 TO TE00 GAT
12960		XA243	06									TF006A	02	TE0010	01	4	TS8	A1		05A	
12961		XA243	07		XA219	06		168	9			TF007A	01	TE0010	01	5	TS8	A1		03A	
12962		XA219	06									TF007A	02	TF007A	00	1	TQ2	A1		05A	TD24 TO TE00 GAT
12963		XA239	15		XA243	05		168	9			TF008A	01	TF008A	00	1	TQ2	A4		07B	TE08 TO TE00 SHI
12964		XA243	05									TF008A	02	TE0010	01	3	TS8	A1		03B	
12965		XA243	14		XA234	33		168	9			TF011A	01	TF0110	01	1	TS8	B1		09A	
12966		XA234	33									TF011A	02	TF011A	00	1	TQ2	C3		16B	(ITR 01)(MONITOR)
12967		XA234	35		XA243	20		168	9			TF012A	01	TF012A	00	1	TQ2	C4		19B	(ITR 02)(SPARE)
12968		XA243	20									TF012A	02	TE0110	01	4	TS8	B1		11A	
12969		XA243	25		XA230	09		168	9			TF013A	01	TE0110	01	7	TS8	B1		12B	
12970		XA230	09									TF013A	02	TF013A	00	1	TQ2	A3		04B	TD01 TO TE01 WOR
12971		XA230	15		XA243	18		168	9			TF014A	01	TF014A	00	1	TQ2	A4		07B	TD01 TO TE01 GAT
12972		XA243	18									TF014A	02	TE0110	01	2	TS8	B1		10A	
12973		XA243	26		XA230	57		168	9			TF015A	01	TE0110	01	8	TS8	B1		14A	
12974		XA230	57									TF015A	02	TF015A	00	1	TQ2	E3		30B	TD09 TO TE01 GAT
12975		XA225	39		XA243	22		168	9			TF016A	01	TF016A	00	1	TQ2	C4		19B	TD17 TO TE01 GAT
12976		XA243	22									TF016A	02	TE0110	01	5	TS8	B1		12A	
12977		XA243	19		XA219	01		168	9			TF017A	01	TE0110	01	3	TS8	B1		09B	
12978		XA219	01									TF017A	02	TF017A	00	1	TQ2	A2		02B	TD25 TO TE01 GAT
12979		XA239	09		XA243	24		168	9			TF018A	01	TF018A	00	1	TQ2	A3		04B	TE09 TO TF01 SHI
12980		XA243	24									TF018A	02	TE0110	01	6	TS8	B1		13A	
12981		XA243	31		XA234	52		168	9			TF021A	01	TF0210	01	2	TS8	C1		15B	
12982		XA234	52									TF021A	02	TF021A	00	1	TQ2	D1		24A	(ITR 01)(MONITOR)
12983		XA234	46		XA243	36		168	9			TF022A	01	TF022A	00	1	TQ2	D2		21A	(ITR 02)(SPARE)
12984		XA243	36									TF022A	02	TE0210	01	4	TS8	C1		17A	
12985		XA243	42		XA231	22		168	9			TF023A	01	TE0210	01	8	TS8	C1		20A	
12986		XA231	22									TF023A	02	TF023A	00	1	TQ2	B1		12A	TD02 TO TE02 WOR
												**** SIGNAL (TF024A) IS ON THE NEXT PAGE ****									

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	PREFIX	CONNECTOR	PIN	PREFIX	CONNECTOR	PIN	WIRE	MULTI GROUP	CODE	COLOR											
12987		XA231	14		XA243	38			16B	9		TF024A	01	TF024A	00	1	TQ2	B2	09A	TD02 TO TE02 GAT	
12988		XA243	3E									TF024A	02	TE0210	01	6	TS8	C1	18A		
12989		XA243	30		XA231	75			16B	9		TF025A	01	TE0210	01	1	TS8	C1	15A		
12990		XA231	75									TF025A	02	TF025A	00	1	TQ2	F1	37B	TD10 TO TE02 GAT	
12991		XA225	52		XA243	34			16B	9		TF026A	01	TF026A	00	1	TQ2	D1	24A	TD18 TO TE02 GAT	
12992		XA243	34									TF026A	02	TE0210	01	3	TS8	C1	16A		
12993		XA243	40		XA219	22			16B	9		TF027A	01	TE0210	01	7	TS8	C1	19A		
12994		XA219	22									TF027A	02	TF027A	00	1	TQ2	B1	12A	TD26 TO TE02 GAT	
12995		XA239	01		XA243	37			16B	9		TF028A	01	TF028A	00	1	TQ2	A2	02B	TE10 TO TE02 SHI	
12996		XA243	37									TF028A	02	TE0210	01	5	TS8	C1	18B		
12997		XA243	48		XA234	45			16B	9		TF031A	01	TE0310	01	3	TS8	D1	22A		
12998		XA234	45									TF031A	02	TF031A	00	1	TQ2	D3	24B	(ITR 01)(MONITOR)	
12999		XA234	51		XA243	46			16B	9		TF032A	01	TF032A	00	1	TQ2	D4	27B	(ITR 02)(SPARE)	
13000		XA243	46									TF032A	02	TE0310	01	2	TS8	D1	21A		
13001		XA243	52		XA230	21			16B	9		TF033A	01	TE0310	01	6	TS8	D1	24A		
13002		XA230	21									TF033A	02	TF033A	00	1	TQ2	B3	10B	TD03 TO TE03 WOR	
13003		XA230	27		XA243	56			16B	9		TF034A	01	TF034A	00	1	TQ2	B4	13B	TD03 TO TE03 GAT	
13004		XA243	56									TF034A	02	TE0310	01	8	TS8	D1	26A		
13005		XA243	43		XA230	63			16B	9		TF035A	01	TE0310	01	1	TS8	D1	23B		
13006		XA230	63									TF035A	02	TF035A	00	1	TQ2	E4	33B	TD11 TO TE03 GAT	
13007		XA225	46		XA243	50			16B	9		TF036A	01	TF036A	00	1	TQ2	D2	21A	TD19 TO TE03 GAT	
13008		XA243	50									TF036A	02	TE0310	01	5	TS8	D1	23A		
13009		XA243	54		XA219	14			16B	9		TF037A	01	TE0310	01	7	TS8	D1	25A		
13010		XA219	14									TF037A	02	TF037A	00	1	TQ2	B2	09A	TD27 TO TE03 GAT	
13011		XA239	06		XA243	49			16B	9		TF038A	01	TF038A	00	1	TQ2	A1	05A	TE11 TO TE03 SHI	
13012		XA243	49									TF038A	02	TE0310	01	4	TS8	D1	26B		
13013		XA243	62		XA234	66			16B	9		TF041A	01	TE0410	01	4	TS8	E1	29A		
13014		XA234	66									TF041A	02	TF041A	00	1	TQ2	E1	31A	(ITR 01)(MONITOR)	
13015		XA234	60		XA243	64			16B	9		TF042A	01	TF042A	00	1	TQ2	E2	28A	(ITR 02)(SPARE)	
13016		XA243	64									TF042A	02	TE0410	01	5	TS8	E1	30A		
13017		XA243	60		XA231	38			16B	9		TF043A	01	TE0410	01	2	TS8	E1	28A		
13018		XA231	38									TF043A	02	TF043A	00	1	TQ2	C1	18A	TD04 TO TE04 WOR	
13019		XA231	30		XA243	70			16B	9		TF044A	01	TF044A	00	1	TQ2	C2	15A	TD04 TO TE04 GAT	
13020		XA243	70									TF044A	02	TE0410	01	8	TS8	E1	33A		

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13021		XA224	09			XA243	68			16B	9		TF045A	01	TF045A	00	1	TQ2	A3		04B	TD12 TO TE04 GAT		
13022		XA243	68										TF045A	02	TE0410	01	7	TS8	E1		32A			
13023		XA243	61			XA225	66			16B	9		TF046A	01	TE0410	01	3	TS8	E1		32B			
13024		XA225	66										TF046A	02	TF046A	00	1	TQ2	E1		31A	TD20 TO TE04 GAT		
13025		XA219	38			XA243	55			16B	9		TF047A	01	TF047A	00	1	TQ2	C1		18A	TD28 TO TE04 GAT		
13026		XA243	55										TF047A	02	TE0410	01	1	TS8	E1		29B			
13027		XA239	27			XA243	66			16B	9		TF048A	01	TF048A	00	1	TQ2	B4		13B	TE12 TO TE04 SHI		
13028		XA243	66										TF048A	02	TE0410	01	6	TS8	E1		31A			
13029		XA243	71			XA234	57			16B	9		TF051A	01	TE0510	01	1	TS8	F1		36A			
13030		XA234	57										TF051A	02	TF051A	00	1	TQ2	E3		30B	(ITR 01)(MONITOR		
13031		XA234	63			XA243	73			16B	9		TF052A	01	TF052A	00	1	TQ2	E4		33B	(ITR 02)(SPARE)		
13032		XA243	73										TF052A	02	TE0510	01	3	TS8	F1		36B			
13033		XA243	75			XA230	33			16B	9		TF053A	01	TE0510	01	5	TS8	F1		37B			
13034		XA230	33										TF053A	02	TF053A	00	1	TQ2	C3		16B	TD05 TO TE05 WOR		
13035		XA230	39			XA243	79			16B	9		TF054A	01	TF054A	00	1	TQ2	C4		19B	TD05 TO TE05 GAT		
13036		XA243	79										TF054A	02	TE0510	01	8	TS8	F1		39B			
13037		XA225	09			XA243	78			16B	9		TF055A	01	TF055A	00	1	TQ2	A3		04B	TD13 TO TE05 GAT		
13038		XA243	78										TF055A	02	TE0510	01	7	TS8	F1		38A			
13039		XA243	74			XA225	60			16B	9		TF056A	01	TE0510	01	4	TS8	F1		35B			
13040		XA225	60										TF056A	02	TF056A	00	1	TQ2	E2		28A	TD21 TO TE05 GAT		
13041		XA219	30			XA243	72			16B	9		TF057A	01	TF057A	00	1	TQ2	C2		15A	TD29 TO TE05 GAT		
13042		XA243	72										TF057A	02	TE0510	01	2	TS8	F1		34A			
13043		XA239	21			XA243	77			16B	9		TF058A	01	TF058A	00	1	TQ2	B3		10B	TE13 TO TE05 SHI		
13044		XA243	77										TF058A	02	TE0510	01	6	TS8	F1		38B			
13045		XA247	43			XA234	75			16B	9		TF061A	01	TE0610	01	1	TS8	D1		23B			
13046		XA234	75										TF061A	02	TF061A	00	1	TQ2	F1		37B	(ITR 01)(MONITOR		
13047		XA234	72			XA247	46			16B	9		TF062A	01	TF062A	00	1	TQ2	F2		34A	(ITR 02)UPPR CPU-		
13048		XA247	46										TF062A	02	TE0610	01	2	TS8	D1		21A			
13049		XA247	48			XA231	52			16B	9		TF063A	01	TE0610	01	3	TS8	D1		22A			
13050		XA231	52										TF063A	02	TF063A	00	1	TQ2	D1		24A	TD06 TO TE06 WOR		
13051		XA231	46			XA247	50			16B	9		TF064A	01	TF064A	00	1	TQ2	D2		21A	TD06 TO TE06 GAT		
13052		XA247	50										TF064A	02	TE0610	01	5	TS8	D1		23A			
												****	SIGNAL	(TF065A)	IS ON THE NEXT PAGE				****					

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13053 13054		XA225 XA247	22 54		XA247	54			16B	9		TF065A TF065A	01 02	TF065A TE0610	00 01	1 7	TQ2 TS8	B1 D1	12A 25A	TD14 TO TE06 GAT		
13055 13056		XA247 XA225	56 75		XA225	75			16B	9		TF066A TF066A	01 02	TE0610 TF066A	01 00	8 1	TS8 TQ2	D1 F1	26A 37B	TD22 TO TE06 GAT		
13057 13058		XA219 XA247	52 49		XA247	49			16B	9		TF067A TF067A	01 02	TF067A TE0610	00 01	1 4	TQ2 TS8	D1 D1	24A 26B	TD30 TO TE06 GAT		
13059 13060		XA239 XA247	14 52		XA247	52			16B	9		TF068A TF068A	01 02	TF068A TE0610	00 01	1 6	TQ2 TS8	B2 D1	09A 24A	TE14 TO TE06 SHI		
13061 13062		XA247 XA234	40 69		XA234	69			16B	9		TF071A TF071A	01 02	TE0710 TF071A	01 00	7 1	TS8 TQ2	C1 F3	19A 35A	(ITR 01)(MONITOR)		
13063 13064		XA234 XA247	80 36		XA247	36			16B	9		TF072A TF072A	01 02	TF072A TE0710	00 01	1 4	TQ2 TS8	F4 C1	39A 17A	(ITR 02)(SPARE)		
13065 13066		XA247 XA230	34 45		XA230	45			16B	9		TF073A TF073A	01 02	TE0710 TF073A	01 00	3 1	TS8 TQ2	C1 D3	16A 24B	TD07 TO TE07 WOR		
13067 13068		XA230 XA247	51 31		XA247	31			16B	9		TF074A TF074A	01 02	TF074A TE0710	00 01	1 2	TQ2 TS8	D4 C1	27B 15B	TD07 TO TE07 GAT		
13069 13070		XA224 XA247	21 38		XA247	38			16B	9		TF075A TF075A	01 02	TF075A TE0710	00 01	1 6	TQ2 TS8	B3 C1	10B 18A	TD15 TO TE07 GAT		
13071 13072		XA247 XA225	30 72		XA225	72			16B	9		TF076A TF076A	01 02	TE0710 TF076A	01 00	1 1	TS8 TQ2	C1 F2	15A 34A	TD23 TO TE07 GAT		
13073 13074		XA219 XA247	46 42		XA247	42			16B	9		TF077A TF077A	01 02	TF077A TE0710	00 01	1 8	TQ2 TS8	D2 C1	21A 20A	TD31 TO TE07 GAT		
13075 13076		XA239 XA247	22 37		XA247	37			16B	9		TF078A TF078A	01 02	TF078A TE0710	00 01	1 5	TQ2 TS8	B1 C1	12A 18B	TE15 TO TE07 SHI		
13077 13078		XA248 XA233	66 06		XA233	06			16B	9		TF081A TF081A	01 02	TE0810 TF081A	01 00	2 1	TD4 TQ2	E1 A1	31A 05A	(ITR 01)(MONITOR)		
13079 13080		XA233 XA248	01 68		XA248	68			16B	9		TF082A TF082A	01 02	TF082A TE0810	00 01	1 3	TQ2 TD4	A2 E1	02B 32A	(ITR 02)(SPARE)		
13081 13082		XA248 XA230	70 66		XA230	66			16B	9		TF083A TF083A	01 02	TE0810 TF083A	01 00	4 1	TD4 TQ2	E1 E1	33A 31A	TD08 TO TE08 WOR		
13083 13084		XA239 XA248	39 61		XA248	61			16B	9		TF088A TF088A	01 02	TF088A TE0810	00 01	1 1	TQ2 TD4	C4 E1	19B 32B	TE16 TO TE08 SHI		
13085 13086		XA248 XA233	62 09		XA233	09			16B	9		TF091A TF091A	01 02	TE0910 TF091A	01 00	3 1	TD4 TQ2	E2 A3	29A 04B	(ITR 01)(MONITOR)		

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RECORD NUMBER	FROM			TO			WIRE		SIGNAL	REL. NO.	APPLICATION	CIRCUIT	TEST POINT	WIRE NO.	DESCRIPTION	I/O NO.	
	PREFIX	CONNECTOR	PIN	PREFIX	CONNECTOR	PIN	WIRE NO.	WIRE GROUP									CODE
13087		XA233	15		XA248	60			16B	9	TF092A	01	TF092A	00 1 TQ2 A4	07B	(ITR 02)(SPARE)	
13088		XA248	60								TF092A	02	TF091D	01 2 TD4 E2	28A		
13089		XA248	64		XA230	60			16B	9	TF093A	01	TE091D	01 4 TD4 E2	30A		
13090		XA230	60								TF093A	02	TF093A	00 1 TQ2 E2	28A	TD09 TO TE09 WOR	
13091		XA239	33		XA248	55			16B	9	TF098A	01	TF098A	00 1 TQ2 C3	16B		TE17 TO TE09 SHI
13092		XA248	55								TF098A	02	TE091D	01 1 TD4 E2	29B		
13093		XA248	77		XA233	22			16B	9	TF101A	01	TE101D	01 2 TD4 F1	38B		
13094		XA233	22								TF101A	02	TF101A	00 1 TQ2 B1	12A	(ITR 01)(MONITOR)	
13095		XA233	14		XA248	79			16B	9	TF102A	01	TF102A	00 1 TQ2 B2	09A		(ITR 02)(SPARE)
13096		XA248	79								TF102A	02	TE101D	01 4 TD4 F1	39B		
13097		XA248	75		XA231	72			16B	9	TF103A	01	TE101D	01 1 TD4 F1	37B		
13098		XA231	72								TF103A	02	TF103A	00 1 TQ2 F2	34A	TO10 TO TE10 WOR	
13099		XA239	30		XA248	78			16B	9	TF108A	01	TF108A	00 1 TQ2 C2	15A		TE18 TO TE10 SHI
13100		XA248	78								TF108A	02	TE101D	01 3 TD4 F1	38A		
13101		XA248	73		XA233	21			16B	9	TF111A	01	TE111D	01 3 TD4 F2	36B		
13102		XA233	21								TF111A	02	TF111A	00 1 TQ2 B3	10B	(ITR 01)(MONITOR)	
13103		XA233	27		XA248	72			16B	9	TF112A	01	TF112A	00 1 TQ2 B4	13B		(ITR 02)(SPARE)
13104		XA248	72								TF112A	02	TE111D	01 2 TD4 F2	34A		
13105		XA248	74		XA230	75			16B	9	TF113A	01	TE111D	01 4 TD4 F2	35B		
13106		XA230	75								TF113A	02	TF113A	00 1 TQ2 F1	37B	TD11 TO TE11 WOR	
13107		XA239	38		XA248	71			16B	9	TF118A	01	TF118A	00 1 TQ2 C1	18A		TE19 TO TE11 SHI
13108		XA248	71								TF118A	02	TE111D	01 1 TD4 F2	36A		
13109		XA241	72		XA233	38			16B	9	TF121A	01	TE121D	01 2 TD4 F2	34A		
13110		XA233	38								TF121A	02	TF121A	00 1 TQ2 C1	18A	(ITR 01)(MONITOR)	
13111		XA233	30		XA241	73			16B	9	TF122A	01	TF122A	00 1 TQ2 C2	15A		(ITR 02)(SPARE)
13112		XA241	73								TF122A	02	TE121D	01 3 TD4 F2	36B		
13113		XA224	15		XA241	74			16B	9	TF123A	01	TF123A	00 1 TQ2 A4	07B		TD12 TO TE12 WOR
13114		XA241	74								TF123A	02	TE121D	01 4 TD4 F2	35B		
13115		XA239	51		XA241	71			16B	9	TF128A	01	TF128A	00 1 TQ2 D4	27B		TE20 TO TE12 SHI
13116		XA241	71								TF128A	02	TE121D	01 1 TD4 F2	36A		
13117		XA241	78		XA233	33			16B	9	TF131A	01	TE131D	01 3 TD4 F1	38A		
13118		XA233	33								TF131A	02	TF131A	00 1 TQ2 C3	16B	(ITR 01)(MONITOR)	

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RECORD NUMBER	FROM				TO				WIRE				SIGNAL	SEQ NO	EQUATION	TERM	FACTOR	CKT OR CHIP TYPE	GROUP	LOAD OR POWER PLANE	TEST POINTS AND OR	SIGNAL DESCRIPTION	ECO NO
	PREFIX	CONNECTOR	PIN	SR TO	PREFIX	CONNECTOR	PIN	SR TO	MULTI GROUP	CODE	COLOR	IDENT											
13119 13120		XA233 XA241	39 77			XA241 77				16B	9		TF132A TF132A	01 02	TF132A TE1310	00 01	1 2	TQ2 TD4	C4 F1		19B 38B	(ITR 02)(SPARE)	
13121 13122		XA225 XA241	15 79			XA241 79				16B	9		TF133A TF133A	01 02	TF133A TE1310	00 01	1 4	TQ2 TD4	A4 F1		07B 39B	TD13 TO TE13 WOR	
13123 13124		XA239 XA241	45 75			XA241 75				16B	9		TF138A TF138A	01 02	TF138A TE1310	00 01	1 1	TQ2 TD4	D3 F1		24B 37B	TE21 TO TE13 SHI	
13125 13126		XA241 XA233	55 52			XA233 52				16B	9		TF141A TF141A	01 02	TE1410 TF141A	01 00	1 1	TD4 TQ2	E2 D1		29B 24A	(ITR 01)(MONITOR)	
13127 13128		XA233 XA241	46 60			XA241 60				16B	9		TF142A TF142A	01 02	TF142A TE1410	00 01	1 2	TQ2 TD4	D2 E2		21A 28A	(ITR 02)(SPARE)	
13129 13130		XA225 XA241	14 64			XA241 64				16B	9		TF143A TF143A	01 02	TF143A TE1410	00 01	1 4	TQ2 TD4	B2 E2		09A 30A	TD14 TO TE14 WOR	
13131 13132		XA239 XA241	46 62			XA241 62				16B	9		TF148A TF148A	01 02	TF148A TE1410	00 01	1 3	TQ2 TD4	D2 E2		21A 29A	TE22 TO TE14 SHI	
13133 13134		XA241 XA233	61 45			XA233 45				16B	9		TF151A TF151A	01 02	TE1510 TF151A	01 00	1 1	TD4 TQ2	E1 D3		32B 24B	(ITR 01)(MONITOR)	
09600 07885		XA241 XA218	70 75			XA218 75				16B	9		TF152A TF152A	01 02	TE1510 TF152A	01 00	4 1	TD4 TQ2	E1 F1		33A 37B		C13 C13
13135 13136		XA224 XA241	27 66			XA241 66				16B	9		TF153A TF153A	01 02	TF153A TE1510	00 01	1 2	TQ2 TD4	B4 E1		13B 31A	TD15 TO TE15 WOR	
13137 13138		XA239 XA241	52 68			XA241 68				16B	9		TF158A TF158A	01 02	TF158A TE1510	00 01	1 3	TQ2 TD4	D1 E1		24A 32A	TE23 TO TE15 SHI	
13139 13140		XA241 XA233	43 66			XA233 66				16B	9		TF161A TF161A	01 02	TE1610 TF161A	01 00	1 1	TD4 TQ2	D2 E1		23B 31A	(ITR 01)(MONITOR)	
13141 13142		XA233 XA241	60 46			XA241 46				16B	9		TF162A TF162A	01 02	TF162A TE1610	00 01	1 2	TQ2 TD4	E2 D2		28A 21A	(ITR 02)(MAINT SW	
13143 13144		XA224 XA241	33 50			XA241 50				16B	9		TF163A TF163A	01 02	TF163A TE1610	00 01	1 4	TQ2 TD4	C3 D2		16B 23A	TD16 TO TE16 WOR	
13145 13146		XA239 XA241	63 48			XA241 48				16B	9		TF168A TF168A	01 02	TF168A TE1610	00 01	1 3	TQ2 TD4	E4 D2		33B 22A	TE24 TO TE16 SHI	
13147 13148		XA241 XA233	49 57			XA233 57				16B	9		TF171A TF171A	01 02	TE1710 TF171A	01 00	1 1	TD4 TQ2	D1 E3		26B 30B	(ITR 01)(MONITOR)	
13149 13150		XA233 XA241	63 56			XA241 56				16B	9		TF172A TF172A	01 02	TF172A TE1710	00 01	1 4	TQ2 TD4	E4 D1		33B 26A	(ITR 02)(MAINT S	

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RECORD NUMBER	FROM			TO			WIRE				SIGNAL	SEQ NO	EQUATION	TERM FACTOR	CKT OR CHIP TYPE	HOW	LOAD OR POWER PLANE	TEST POINTS (LAND JP)	SIGNAL DESCRIPTION	ECO NO	
	PREFIX	CONNECTOR	PIN	PIN	CONNECTOR	PIN	SH PG	MULTI GROUP	CODE	COLOR											IDENT
13151		XA224	39		XA241	54			16B	9		TF173A	01	TF173A	00	1	TQ2	C4	19B	TD17 TO TE17 WOR	
13152		XA241	54									TF173A	02	TE1710	01	3	TD4	D1	25A		
13153		XA239	57		XA241	52			16B	9		TF178A	01	TF178A	00	1	TQ2	E3	30B	TE25 TO TE17 SHI	
13154		XA241	52									TF178A	02	TE1710	01	2	TD4	D1	24A		
13155		XA241	30		XA233	75			16B	9		TF181A	01	TE1810	01	1	TD4	C2	15A	(ITR 01)(MONITOR	
13156		XA233	75									TF181A	02	TF181A	00	1	TQ2	F1	37B		
13157		XA233	72		XA241	31			16B	9		TF182A	01	TF182A	00	1	TQ2	F2	34A	(ITR 02)(MAINT S	
13158		XA241	31									TF182A	02	TE1810	01	2	TD4	C2	15B		
13159		XA224	52		XA241	36			16B	9		TF183A	01	TF183A	00	1	TQ2	D1	24A	TD18 TO TE18 WOR	
13160		XA241	36									TF183A	02	TE1810	01	4	TD4	C2	17A		
13161		XA239	60		XA241	34			16B	9		TF188A	01	TF188A	00	1	TQ2	E2	28A	TE26 TO TE18 SHI	
13162		XA241	34									TF188A	02	TE1810	01	3	TD4	C2	16A		
13163		XA241	38		XA233	69			16B	9		TF191A	01	TE1910	01	2	TD4	C1	18A	(ITR 01)(MONITOR	
13164		XA233	69									TF191A	02	TF191A	00	1	TQ2	F3	35A		
13165		XA233	80		XA241	37			16B	9		TF192A	01	TF192A	00	1	TQ2	F4	39A	(ITR 02)(MAINT S	
13166		XA241	37									TF192A	02	TE1910	01	1	TD4	C1	18B		
13167		XA224	46		XA241	42			16B	9		TF193A	01	TF193A	00	1	TQ2	D2	21A	TD19 TO TE19 WOR	
13168		XA241	42									TF193A	02	TE1910	01	4	TD4	C1	20A		
13169		XA239	66		XA241	40			16B	9		TF198A	01	TF198A	00	1	TQ2	E1	31A	TE27 TO TE19 SHI	
13170		XA241	40									TF198A	02	TE1910	01	3	TD4	C1	19A		
13171		XA241	18		XA232	06			16B	9		TF201A	01	TE2010	01	2	TD4	B2	10A	(ITR 01)(MONITOR	
13172		XA232	06									TF201A	02	TF201A	00	1	TQ2	A1	05A		
13173		XA232	01		XA241	19			16B	9		TF202A	01	TF202A	00	1	TQ2	A2	02B	(ITR 02)(MAINT S	
13174		XA241	19									TF202A	02	TE2010	01	3	TD4	B2	09B		
13175		XA224	66		XA241	20			16B	9		TF203A	01	TF203A	00	1	TQ2	E1	31A	TD20 TO TE20 WOR	
13176		XA241	20									TF203A	02	TE2010	01	4	TD4	B2	11A		
13177		XA235	52		XA241	14			16B	9		TF208A	01	TF208A	00	1	TQ2	D1	24A	TE28 TO TE20 SHI	
13178		XA241	14									TF208A	02	TE2010	01	1	TD4	B2	09A		
13179		XA241	25		XA232	09			16B	9		TF211A	01	TE2110	01	3	TD4	B1	12B	(ITR 01)(MONITOR	
13180		XA232	09									TF211A	02	TF211A	00	1	TQ2	A3	04B		
13181		XA232	15		XA241	24			16B	9		TF212A	01	TF212A	00	1	TQ2	A4	07B	(ITR 02)(MAINT S	
13182		XA241	24									TF212A	02	TE2110	01	2	TD4	B1	13A		
											****	SIGNAL	(TF213A)	IS ON THE NEXT PAGE				****			

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RECORD NUMBER	FROM			TO			WIRE			SPEC INST MISC	SIGNAL	SEQ NO	EQUATION	TERM	FACTORY	CKT OR CHIB TYPE	GROUP	LOAD OR POWER PLANE	TEST POINTS AND/OR	SIGNAL DESCRIPTION	ECO NO
	PREFIX	CONNECTOR	PIN	PREFIX	CONNECTOR	PIN	SIZE	MULTI GROUP	CODE												
13183		XA224	60		XA241	26			16B	9		TF213A	01	1	TQ2	E2		28A	TD21 TO TE21 WOR		
13184		XA241	26									TF213A	02	4	TD4	B1		14A			
13185		XA235	46		XA241	22			16B	9		TF218A	01	1	TQ2	D2		21A	TE29 TO TE21 SHI		
13186		XA241	22									TF218A	02	1	TD4	B1		12A			
13187		XA241	07		XA232	22			16B	9		TF221A	01	4	TD4	A2		03A	(ITR 01)(MONITOR		
13188		XA232	22									TF221A	02	1	TQ2	B1		12A			
13189		XA232	14		XA241	05			16B	9		TF222A	01	1	TQ2	B2		09A	(ITR 02)(BASE ME		
13190		XA241	05									TF222A	02	3	TD4	A2		03B			
13191		XA224	75		XA241	01			16B	9		TF223A	01	1	TQ2	F1		37B	TD22 TO TE22 WOR		
13192		XA241	01									TF223A	02	1	TD4	A2		02B			
13193		XA235	45		XA241	04			16B	9		TF228A	01	1	TQ2	D3		24B	TE30 TO TE22 SHI		
13194		XA241	04									TF228A	02	2	TD4	A2		04A			
13195		XA241	08		XA232	21			16B	9		TF231A	01	2	TD4	A1		06A	(ITR 01)(MONITOR		
13196		XA232	21									TF231A	02	1	TQ2	B3		10B			
13197		XA232	27		XA241	13			16B	9		TF232A	01	1	TQ2	B4		13B	(ITR 02)(BASE ME		
13198		XA241	13									TF232A	02	4	TD4	A1		06B			
13199		XA224	72		XA241	06			16B	9		TF233A	01	1	TQ2	F2		34A	TD23 TO TE23 WOR		
13200		XA241	06									TF233A	02	1	TD4	A1		05A			
13201		XA235	51		XA241	10			16B	9		TF238A	01	1	TQ2	D4		27B	TE31 TO TE23 SHI		
13202		XA241	10									TF238A	02	3	TD4	A1		07A			
13203		XA232	38		XA236	08			16B	9		TF241A	01	1	TQ2	C1		18A	(ITR 01)(MONITOR		
13204		XA236	08									TF241A	02	2	TD4	A1		06A			
13205		XA236	10		XA232	30			16B	9		TF242A	01	3	TD4	A1		07A	(ITR 02)(BASE ME		
13206		XA232	30									TF242A	02	1	TQ2	C2		15A			
13207		XA218	06		XA236	13			16B	9		TF243A	01	1	TQ2	A1		05A	TD24 TO TE24 WOR		
13208		XA236	13									TF243A	02	4	TD4	A1		06B			
13209		XA235	66		XA236	06			16B	9		TF248A	01	1	TQ2	E1		31A	TE00 TO TE24 SHI		
13210		XA236	06									TF248A	02	1	TD4	A1		05A			
13211		XA232	33		XA236	07			16B	9		TF251A	01	1	TQ2	C3		16B	(ITR 01)(MONITOR		
13212		XA236	07									TF251A	02	4	TD4	A2		03A			
13213		XA236	04		XA232	39			16B	9		TF252A	01	2	TD4	A2		04A	(ITR 02)(ACC ADD		
13214		XA232	39									TF252A	02	1	TQ2	C4		19B			
13215		XA218	01		XA236	05			16B	9		TF253A	01	1	TQ2	A2		02B	TD25 TO TE25 WOR		
13216		XA236	05									TF253A	02	3	TD4	A2		03B			

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	PREFIX	CONNECTOR	PIN	WIRE	PREFIX	CONNECTOR	PIN	WIRE	MULTI GROUP	CODE	COLOR	IDENT												SPC INST MISC	
13217		XA235	60		XA236	01				16B	9		TF258A	01	TF258A	00	1	TQ2	E2		28A	TE01 TO TE25 SHI			
13218		XA236	01										TF258A	02	TE2510	01	1	TD4	A2		02B				
13219		XA232	52		XA236	24				16B	9		TF261A	01	TF261A	00	1	TQ2	D1		24A	(ITR 01)(MONITOR			
13220		XA236	24										TF261A	02	TE2610	01	2	TD4	B1		13A				
13221		XA236	25		XA232	46				16B	9		TF262A	01	TE2610	01	3	TD4	B1		12B				
13222		XA232	46										TF262A	02	TF262A	00	1	TQ2	D2		21A	(ITR 02)(UNUSED			
13223		XA218	22		XA236	26				16B	9		TF263A	01	TF263A	00	1	TQ2	B1		12A	TD26 TO TE26 WOR			
13224		XA236	26										TF263A	02	TE2610	01	4	TD4	B1		14A				
13225		XA235	57		XA236	22				16B	9		TF268A	01	TF268A	00	1	TQ2	E3		30B	TE02 TO TE26 SHI			
13226		XA236	22										TF268A	02	TE2610	01	1	TD4	B1		12A				
13227		XA232	45		XA236	20				16B	9		TF271A	01	TF271A	00	1	TQ2	D3		24B	(ITR 01)(MONITOR			
13228		XA236	20										TF271A	02	TE2710	01	4	TD4	B2		11A				
13229		XA236	18		XA232	51				16B	9		TF272A	01	TE2710	01	2	TD4	B2		10A				
13230		XA232	51										TF272A	02	TF272A	00	1	TQ2	D4		27B	(ITR 02)(UNUSED			
13231		XA218	14		XA236	19				16B	9		TF273A	01	TF273A	00	1	TQ2	B2		09A	TD27 TO TE27 WOR			
13232		XA236	19										TF273A	02	TE2710	01	3	TD4	B2		09B				
13233		XA235	63		XA236	14				16B	9		TF278A	01	TF278A	00	1	TQ2	E4		33B	TE03 TO TE27 SHI			
13234		XA236	14										TF278A	02	TE2710	01	1	TD4	B2		09A				
13235		XA232	66		XA236	38				16B	9		TF281A	01	TF281A	00	1	TQ2	E1		31A	(ITR 01)(MONITOR			
13236		XA236	38										TF281A	02	TE2810	01	2	TD4	C1		18A				
13237		XA236	40		XA232	60				16B	9		TF282A	01	TE2810	01	3	TD4	C1		19A				
13238		XA232	60										TF282A	02	TF282A	00	1	TQ2	E2		28A	(ITR 02)(UNUSED			
13239		XA218	38		XA236	42				16B	9		TF283A	01	TF283A	00	1	TQ2	C1		18A	TD28 TO TE28 WOR			
13240		XA236	42										TF283A	02	TE2810	01	4	TD4	C1		20A				
13241		XA235	75		XA236	37				16B	9		TF288A	01	TF288A	00	1	TQ2	F1		37B	TE04 TO TE28 SHI			
13242		XA236	37										TF288A	02	TE2810	01	1	TD4	C1		18B				
13243		XA232	57		XA236	31				16B	9		TF291A	01	TF291A	00	1	TQ2	E3		30B	(ITR 01)(MONITOR			
13244		XA236	31										TF291A	02	TE2910	01	2	TD4	C2		15B				
13245		XA236	30		XA232	63				16B	9		TF292A	01	TE2910	01	1	TD4	C2		15A				
13246		XA232	63										TF292A	02	TF292A	00	1	TQ2	E4		33B	(ITR02)BSTP SLCT			
13247		XA218	30		XA236	34				16B	9		TF293A	01	TF293A	00	1	TQ2	C2		15A	TD29 TO TE29 WOR			
13248		XA236	34										TF293A	02	TE2910	01	3	TD4	C2		16A				
													****	SIGNAL	(TF298A)							IS ON THE	NEXT PAGE	****

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	PREFIX	CONNECTOR	PIN	PREFIX	CONNECTOR	PIN	MULTI GROUP	CODE	COLOR	IDENT								AND	OR		
13249		XA236	36		XA235	72		16B	9		TF298A	01	TE2910	01	4	TD4	C2	17A	TE05 TO TE29 SHI		
13250		XA235	72								TF298A	02	TF298A	00	1	TQ2	F2	34A			
13251		XA232	75		XA236	49		16B	9		TF301A	01	TF301A	00	1	TQ2	F1	37B	(ITR 01)(MONITOR		
13252		XA236	49								TF301A	02	TE3010	01	1	TD4	D1	26B			
13253		XA236	52		XA232	72		16B	9		TF302A	01	TE3010	01	2	TD4	D1	24A	(ITR02)BSTP SLCT		
13254		XA232	72								TF302A	02	TF302A	00	1	TQ2	F2	34A			
13255		XA218	52		XA236	56		16B	9		TF303A	01	TF303A	00	1	TQ2	D1	24A	TD30 TO TE30 WOR		
13256		XA236	56								TF303A	02	TE3010	01	4	TD4	D1	26A			
13257		XA235	69		XA236	54		16B	9		TF308A	01	TF308A	00	1	TQ2	F3	39A	TE06 TO TE30 SHI		
13258		XA236	54								TF308A	02	TE3010	01	3	TD4	D1	25A			
13259		XA232	69		XA236	46		16B	9		TF311A	01	TF311A	00	1	TQ2	F3	39A	(ITR 01)(MONITOR		
13260		XA236	46								TF311A	02	TE3110	01	2	TD4	D2	21A			
13261		XA236	43		XA232	80		16B	9		TF312A	01	TE3110	01	1	TD4	D2	23B	(ITR02)BSTP SLCT		
13262		XA232	80								TF312A	02	TF312A	00	1	TQ2	F4	39A			
13263		XA218	46		XA236	50		16B	9		TF313A	01	TF313A	00	1	TQ2	D2	21A	TD31 TO TE31 WOR		
13264		XA236	50								TF313A	02	TE3110	01	4	TD4	D2	23A			
13265		XA235	80		XA236	48		16B	9		TF318A	01	TF318A	00	1	TQ2	F4	39A	TE07 TO TE31 SHI		
13266		XA236	48								TF318A	02	TE3110	01	3	TD4	D2	22A			
13267		XA205	15		XA205	11		16B	9		TIAZAA	01	TIAZB0	01	1	THI	A6	07B	STATE IO I1*.I2		
13268		XA205	11		XA108	39		16B	9		TIAZAA	02	TIAZAA	01	1	THI	A1	07A			
13269		XA108	39								TIAZAA	03	TIAZAA	00	1	TT3	C3	19B			
13270		XA351	69		XA247	77		16B	9		TIAZAA	01	TPS12A	01	1	TT3	F3	35A	STATE IO I1*.I2*		
13271		XA247	77		XA144	38		16B	9		TIAZAA	02	TS231A	01	6	TS8	F1	38B			
13272		XA144	38		XA149	13		16B	9		TIAZAA	03	TBT12A	01	2	TD4	C1	18A			
13273		XA149	13		XA205	13		16B	9		TIAZAA	04	TBRR0A	01	2	TQ2	A4	06B			
13274		XA205	13		XA206	34		16B	9		TIAZAA	05	TIAZAA	00	1	THI	A1	06A			
13275		XA206	34								TIAZAA	06	TI212A	01	3	TT3	C2	16A			
13276		XA205	10		XA246	62		16B	9		TIAZB0	01	TIAZB0	00	1	THI	A6	06B	I ZERO-STATE UNL		
13277		XA246	62								TIAZB0	02	TI2CKA	01	1	TQ2	E2	29A			
13278		XA305	05		XA426	80		16B	9		TICPEA	01	TIPESA	01	3	TD4	A2	03B	I/O PARITY ERROR		
13279		XA426	80								TICPEA	02	TICPEA	00	1	THI	F1	38B			
13280		XA345	38		XA205	24		16B	9		TICRTA	01	TS012A	01	2	TD4	C1	18A	IOC RESET		
13281		XA205	24								TICRTA	02	TICRTA	00	1	THI	B1	13A			
13282		XA245	33		XA245	39		16B	9		TICSCA	01	TTSM00	01	1	THI	C5	17B	STATE COUNTER TO		
13283		XA245	39		XA245	41		16B	9		TICSCA	02	TTSM10	01	1	THI	C6	19B			
13284		XA245	41		XA245	50		16B	9		TICSCA	03	TTSM30	01	1	THI	D4	23B			
											****	SIGNAL	(TICSCA)	IS ON THE			NEXT PAGE	****			

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	PREFIX	CONNECTOR	PIN	PREFIX	CONNECTOR	PIN	MULTI GROUP	CODE	COLOR	IDENT												
13285		XA245	50		XA426	71		16B	9			TICSCA	04	TTS2M0	01	1	THI	D3	22A	STATE COUNTER TO CTS RD IOU STAT RE		
13286		XA426	71									TICSCA	05	TICSCA	00	1	THI	F2	36B			
13287		XA213	26		XA122	23		16B	9			TICSMA	01	TICSMA	00	1	THI	B6	12B	IOC STATE STEP		
13288		XA122	23		XA122	18		16B	9			TICSMA	02	TMRMT0	01	2	TT3	B3	11B			
13289		XA122	18									TICSMA	03	TMRIT0	01	3	TT3	B2	10A			
13290		XA310	69		XA406	14		16B	9			TICTAA	01	TTSAM0	01	1	THI	F3	35B	TA TO CPU BUSS		
13291		XA406	14		XA415	17		16B	9			TICTAA	02	TICTAA	00	1	THI	B4	08B	FOR BYTE COUNTER FOR M COUNTER FOR TR REGISTER		
13292		XA415	17		XA415	18		16B	9			TICTAA	03	TTSOM0	01	1	TQ2	B3	08B			
13293		XA415	18		XA415	24		16B	9			TICTAA	04	TTSCM0	01	1	TQ2	B2	10A			
13294		XA415	24									TICTAA	05	TTSBM0	01	1	TQ2	B1	13A			
13295		XA342	31		XA351	22		16B	9			TICTDA	01	TICTDA	00	1	THI	C5	16B		CTS READ TO REG	
13296		XA351	22		XA351	21		16B	9			TICTDA	02	TTDM20	01	1	TT3	B1	12A	TD TO CPU BUSS		
13297		XA351	21		XA351	17		16B	9			TICTDA	03	TTDM40	01	1	TT3	B3	10B	TD TO CPU BUSS		
13298		XA351	17		XA351	11		16B	9			TICTDA	04	TTDM30	01	2	TT3	B2	08B	TD TO CPU BUSS		
13299		XA351	11		XA351	05		16B	9			TICTDA	05	TTDM10	01	2	TT3	A3	05B	TD TO CPU BUSS		
13300		XA351	05									TICTDA	06	TTDM00	01	3	TT3	A2	03B	TD TO CPU BUSS		
13301		XA432	72		XA142	14		16B	9			TILPEA	01	TILOBS	01	2	TS8	F1	34A	CONTROLLED CLOCK		
13302		XA142	14									TILPEA	02	TILPEA	00	1	TQ2	B2	09A			
13303		XA145	74		XA345	37		16B	9			TILOBR	01	TILOBR	00	1	TT3	F2	35B	I/O STATE INHIBI		
13304		XA345	37		XA432	71		16B	9			TILOBR	02	TS012A	01	1	TD4	C1	18B			
13305		XA432	71									TILOBR	03	TILOBS	01	1	TS8	F1	36A			
13306		XA432	76		XA145	72		16B	9			TILOBS	01	TILOBS	00	1	TS8	F1	37A	I/O STATE INHIBI		
13307		XA145	72									TILOBS	02	TILOBR	01	3	TT3	F2	34A			
13308		XA138	55		XA142	57		16B	9			TINDAA	01	TINDBS	01	2	TQ2	E3	29B	INDICATOR BOOTST		
13309		XA142	57									TINDAA	02	TINDAA	00	1	TQ2	E3	30B			
13310		XA303	34		XA416	25	BG	1EB	0			TINDADG4	01				EXT					
13311		XA416	25									TINDADG4	02				DCF					
13314		XA303	33		XA416	27	BG	1EB	9			TINDADX4	005				EXT					
13312		XA416	27		XA429	75		16B	9			TINDADX4	01	TINDADX4	00	1	DCF	B1	10B		805	
20508		XA429	75									TINDADX4	02				RR4	H3			805	
13315		XA146	54		XA142	53		16B	9			TINDA0	01	TBRINA	01	1	TQ2	D1	25A			
13316		XA142	53		XA338	11		16B	9			TINDA0	02	TINDAA	01	1	TQ2	E3	28B			
13317		XA338	11		XA425	59		16B	9			TINDA0	03	TINDDA	01	1	TQ2	A4	05B	INDICATOR LINE		
13318		XA425	59									TINDA0	04	TINDA0	00	1	TD4	E1	31B			
13319		XA416	29		XA426	62		16B	9			TINDA0X	01	TINDA0X	00	1	DCF	B2	11B	EXT INDICATOR REC		
13320		XA426	62									TINDA0X	02	TINDXA	01	1	THI	E3	29A			
13321		XA430	19		XA425	68		16B	9			TINDBB4	01				RR4	B5		IOC INDICATOR BUS		
13322		XA425	68		XA521	55		16B	9			TINDBB4	02	TINDA0	01	3	TD4	E1	32A			
												****	SIGNAL (TINDBB4)	IS ON THE	NEXT PAGE	****						

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	PREFIX	CONNECTOR	PIN	EN 12	PREFIX	CONNECTOR	PIN	EN 12	MULTI GROUP	CODE	COLOR													
13323		XA521	55		XA527	55				16B	9		P	XAINADX	03	TINDBB4	01	1	DCF	C3		30B	DEV INDICATOR TO	
13324		XA527	55		XA534	55				16B	9		P	XBINADX	04	TINDBB4	02	1	DCF	C3		30B	DEV INDICATOR TO	
13325		XA534	55		XA540	55				16B	9		P	XCINADX	05	TINDBB4	03	1	DCF	C3		30B	DEV INDICATOR TO	
13326		XA540	55		XA547	55				16B	9		P	XDINADX	06	TINDBB4	04	1	DCF	C3		30B	DEV INDICATOR TO	
13327		XA547	55										P	XEINADX	07	TINDBB4	05	1	DCF	C3		30B	DEV INDICATOR TO	
13328		XA108	48		XA150	61				16B	9			TINDBP	01	TAVERA	01	3	TT3	D2		22A		
13329		XA150	61		XA238	76				16B	9			TINDBP	02	TNIABA	01	3	TT3	E3		32B		
13330		XA238	76		XA338	13				16B	9			TINDBP	03	TINDBP	00	1	TDD	LP		37A	RESET IND, S00+S	
13331		XA338	13		XA333	46				16B	9			TINDBP	04	TINDDA	01	2	TQ2	A4		06B		C06
13333		XA333	46		XA333	79				16B	9			TINDBP	06	TS15EA	01	2	TS8	D1		21A		
13334		XA333	79		XA330	74				16B	9			TINDBP	07	TS004A	01	8	TS8	F1		39B		
13335		XA330	74		XA349	72				16B	9			TINDBP	08	TI211A	01	4	TS8	F1		35B		
13336		XA349	72											TINDBP	09	TS4M5A	01	2	TD4	F2		34A		
13337		XA343	66		XA346	31				16B	9			TINDBQ	01	TS171A	01	1	TT3	E1		31A		
13338		XA346	31		XA238	78				16B	9			TINDBQ	02	TS191A	01	2	TQ2	C3		15B		
13339		XA238	78		XA139	73				16B	9			TINDBQ	03	TINDBQ	00	1	TDD	LQ		38A	INDICATOR RECEIV	
13340		XA139	73		XA133	78				16B	9			TINDBQ	04	TINDCA	01	1	THI	F2		37B		
13341		XA133	78		XA122	59				16B	9			TINDBQ	05	TPSTIA	01	2	TQ2	F4		38A		
13342		XA122	59		XA206	79				16B	9			TINDBQ	06	TI1RIA	01	2	TT3	E3		31B		C06
04932		XA206	79		XA206	65				16B	9			TINDBQ	06.2	TI1DAA	01	3	TT3	F1		39B		F01
04933		XA206	65							16B	9			TINDBQ	07	TINIRA	01	1	TT3	F2		34B		F01
13344		XA140	69		XA138	53				16B	9			TINDBR	01	TINDBR	00	1	TQ2	F3		35A	CLOCK . ORED DAT	
13345		XA138	53											TINDBR	02	TINDBS	01	1	TQ2	E3		28B		
13346		XA238	77		XA138	57				16B	9			TINDBS	01	TINDBI	01	1	TDD	LI		38B		
13347		XA138	57		XA140	65				16B	9			TINDBS	02	TINDBS	00	1	TQ2	E3		30B	CMD CLOCK-0-CLK+	
13348		XA140	65											TINDBS	03	TINDBR	01	1	TQ2	F3		34B		
13349		XA147	70		XA139	71				16B	9			TINDCA	01	TI121A	01	8	TS8	E1		33A		
13350		XA139	71		XA236	79				16B	9			TINDCA	02	TINDCA	00	1	THI	F2		36B	INDICATOR F/F UN	
13351		XA236	79		XA333	36				16B	9			TINDCA	03	TI120A	01	4	TD4	F1		39B		
13352		XA333	36		XA333	66				16B	9			TINDCA	04	TS072A	01	4	TS8	C1		17A		
13353		XA333	66		XA319	77				16B	9			TINDCA	05	TS074A	01	6	TS8	E1		31A		
13354		XA319	77		XA345	77				16B	9			TINDCA	06	TS192A	01	2	TT3	F1		38B		
13355		XA345	77		XA349	68				16B	9			TINDCA	07	TS071A	01	2	TD4	F1		38B		
13356		XA349	68		XA349	56				16B	9			TINDCA	08	TS201A	01	3	TD4	E1		32A		
13357		XA349	56		XA351	66				16B	9			TINDCA	09	TS191A	01	4	TD4	D1		26A		
13358		XA351	66											TINDCA	10	TS203A	01	1	TT3	E1		31A		
13359		XA122	57		XA405	74				16B	9			TINDCQ	01	TI1RIA	01	1	TT3	E3		30B		
13360		XA405	74											TINDCQ	02	TINDCQ	00	1	TDD	MQ		35B		
13361		XA338	15		XA405	73				16B	9			TINDDA	01	TINDDA	00	1	TQ2	A4		07B		
13362		XA405	73											TINDDA	02	TINDCP	01	1	TDD	MP		36B		
13363		XA426	60		XA425	61				16B	9			TINDXA	01	TINDXA	00	1	THI	E3		28A		
13364		XA425	61											TINDXA	02	TINDAO	01	1	TD4	E1		32B	*	

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RECORD NUMBER	FROM			TO			WIRE				SIGNAL	EQ NO	EQUATION	TERM	FACT	CRT OR CRP TYPE	SPSP	LOAD OR POWER PLANE	TEST POINTS	SIGNAL DESCRIPTION	ECO NO
	PREFIX	CONNECTOR	PIN	PREFIX	CONNECTOR	PIN	MULTI GROUP	CODE	COLOR	IDENT											
13397		XA525	62		XA518	62		16B	9			TINTCA	05	XAINTO	01	1	THI	E3	29A		
13398		XA518	62		XA426	14		16B	9			TINTCA	06	XIINTO	01	1	THI	E3	29A		
13399		XA426	14									TINTCA	07	TINTCA	00	1	THI	B4	08B		
13400		XA434	80		XA205	47		16B	9			TINTRA	01	YINTRA	00	1	TY3	F3	39A	S02 AND BURST NO	
13401		XA205	47									TINTRA	02	TINTRA	01	1	THI	D2	24A		
13402		XA426	17		XA416	13		16B	9			TINTRO	01	TINTCA	01	1	THI	B4	09B		
13403		XA416	13		XA205	49		16B	9			TINTRO	02	TINTAOX	01	1	DCF	A4	05B		
13404		XA205	49									TINTRO	03	TINTRO	00	1	THI	D2	23A	INTEROGATE GATE	
13405		XA434	78		XA304	80		16B	9			TINTSA	01	TINTRA	01	3	TT3	F3	38A		
13406		XA304	80									TINTSA	02	TINTSA	00	1	TQ2	F4	39A		
13407		XA113	38		XA304	14		16B	9			TIPEBA	01	TIPEBP	01	1	TDD	EP	18A		
13408		XA304	14									TIPEBA	02	TIPEBA	00	1	TQ2	B2	09A	STATE 16 +21 .CL	
13409		XA345	06		XA345	71		16B	9			TIPEBP	01	TS005A	01	1	TD4	A1	05A		
13410		XA345	71		XA333	70		16B	9			TIPEBP	02	TS073A	01	1	TD4	F2	36A		
13411		XA333	70		XA333	77		16B	9			TIPEBP	03	TS074A	01	8	TS8	E1	33A		
13412		XA333	77		XA113	35		16B	9			TIPEBP	04	TS004A	01	6	TS8	F1	38B		
13413		XA113	35									TIPEBP	05	TIPEBP	00	1	TDD	EP	17B	RESET PARITY ERR	
13414		XA142	20		XA113	37		16B	9			TIPEBQ	01	TILPEA	01	2	TQ2	B2	11A		
13415		XA113	37		XA137	11		16B	9			TIPEBQ	02	TIPEBQ	00	1	TDD	EQ	18B	PARITY ERROR SET	C10
05154		XA137	11		XA127	43		16B	9			TIPEBQ	03	TK080A	01	2	TT3	A3	05B		
13417		XA127	43		XA133	71		16B	9			TIPEBQ	04	J1PEBD4	01	2	TLD	D3	23B		
13418		XA133	71		XA333	52		16B	9			TIPEBQ	05	TPSTEA	01	1	TQ2	F2	36A		
13419		XA333	52		XA351	65		16B	9			TIPEBQ	06	TS15EA	01	6	TS8	D1	24A		
13420		XA351	65									TIPEBQ	07	TS14EA	01	1	TT3	F2	34B		
13421		XA305	09		XA113	39		16B	9			TIPESA	01	TIPESA	00	1	TD4	A2	04B	INPUT PARITY ERR	
13422		XA113	39									TIPESA	02	TIPEBQ	01	1	TDD	EQ	19B		
13423		XA112	39		XA305	01		16B	9			TIPE00	01	TIPE00	00	1	TQ2	C4	19B	INPUT PARITY ERR	
13424		XA305	01									TIPE00	02	TIPESA	01	1	TD4	A2	02B		
13425		XA205	19		XA304	19		16B	9			TITCAA	01	TITCAA	00	1	THI	B5	10B	RESET I/O TIMER	
13426		XA304	19									TITCAA	02	TITI2A	01	2	TQ2	B3	09B		
13427		XA330	11		XA205	21		16B	9			TITCA0	01	TITCA0	00	1	TS8	A1	05B	RESET I/O TIMER	
13428		XA205	21									TITCA0	02	TITCAA	01	1	THI	B5	11B		
13429		XA151	59		XA143	77		16B	9			TITCOP	01	TITCOP	00	1	TDD	JP	31B	PRERESSET I/O TIM	
13430		XA143	77									TITCOP	02	TITC2I	01	1	TDD	L1	38B		
13431		XA144	73		XA151	61		16B	9			TITCOQ	01	TITTOA	01	3	TD4	F2	36B		
13432		XA151	61									TITCOQ	02	TITCOQ	00	1	TDD	JQ	32B	PRESET	
20499		XA148	76		XA144	72		16B	9			TITC1P	01	TITC1P	00	1	TDD	LP	37A	I/O TIMER BIT 2, D05	
								****			SIGNAL	(TITC1P)		IS ON THE						NEXT PAGE	****

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	PREFIX	CONNECTOR	PIN	DR PC	PREFIX	CONNECTOR	PIN	DR PC	MULTI GROUP	CODE	COLOR	IDENT											
13435		XA144	72										TITC1P	02	TITTOA	01	2	TD4	F2		34A		D05
13433		XA151	68		XA148	78				16B	9		TITC1Q	01	TITCOI	01	1	TDD	JI		32A		
13434		XA148	78										TITC1Q	02	TITC1Q	00	1	TDD	LQ		38A	PRESET	D05
13436		XA143	76		XA144	74				16B	9		TITC2P	01	TITC2P	00	1	TDD	LP		37A	I/O TIMER LSB, P	
13437		XA144	74										TITC2P	02	TITTOA	01	4	TD4	F2		35B		
13438		XA148	77		XA143	78				16B	9		TITC2Q	01	TITC1I	01	1	TDD	LI		38B		
13439		XA143	78										TITC2Q	02	TITC2Q	00	1	TDD	LQ		38A	I/O TIMER LSB, PR	
13332		XA330	08		XA206	73				16B	9		TITDAA	01	TITCA0	01	6	TS8	A1		06A		C06
07867		XA206	73										TITDAA	02	TITDAA	00	1	TT3	F1		36B		C06
13440		XA151	66		XA148	75				16B	9		TITIMQ	01	TITCOP	01	1	TDD	JP		31A		
13441		XA148	75		XA143	75				16B	9		TITIMQ	02	TITC1P	01	1	TDD	LP		37B		
13442		XA143	75		XA144	71				16B	9		TITIMQ	03	TITC2P	01	1	TDD	LP		37B		
13443		XA144	71		XA244	13				16B	9		TITIMQ	04	TITTOA	01	1	TD4	F2		36A		
13444		XA244	13		XA304	17				16B	9		TITIMQ	05	TITIMQ	00	1	TDD	AQ		06B	PRESET INPUT	
13445		XA304	17										TITIMQ	06	TITI2A	01	1	TQ2	B3		08B		
13446		XA330	47		XA244	08				16B	9		TITI10	01	TITI10	00	1	TS8	D1		25B	SET CONDITIONS, E	
13447		XA244	08										TITI10	02	TITIMI	01	1	TDD	A1		06A		
13448		XA304	21		XA330	54				16B	9		TITI2A	01	TITI2A	00	1	TQ2	B3		10B	TIMER CONTROL SE	
13449		XA330	54										TITI2A	02	TITI10	01	7	TS8	D1		25A		
13450		XA150	10		XA143	57				16B	9		TITMRP	01	TS021A	01	3	TT3	A1		07A		
13451		XA143	57		XA122	17				16B	9		TITMRP	02	TITMRP	00	1	TDD	KP		30B	I/O TIME OUT RES	
13452		XA122	17		XA115	78				16B	9		TITMRP	03	TMRIT0	01	2	TT3	B2		08B		
13453		XA115	78		XA319	79				16B	9		TITMRP	04	TITTO0	01	2	TQ2	F4		38A		
13454		XA319	79		XA305	48				16B	9		TITMRP	05	TS192A	01	3	TT3	F1		39B		
13455		XA305	48										TITMRP	06	TINIT0	01	3	TD4	D2		22A		
13457		XA127	50		XA143	55				16B	9		TITMRQ	02	JITTO04	01	2	TLD	D2		23A		
13458		XA143	55		XA349	70				16B	9		TITMRQ	03	TITMRQ	00	1	TDD	KQ		29B	I/O TIME OUT F.F	
13459		XA349	70		XA319	71				16B	9		TITMRQ	04	TS201A	01	4	TD4	E1		33A		
05444		XA319	71										TITMRQ	05	TK090A	01	2	TT3	F2		36A		
13460		XA122	40		XA205	26				16B	9		TITRAA	01	TRCPU0	01	2	TT3	C1		19A		
13461		XA205	26		XA206	71				16B	9		TITRAA	02	TITRAA	00	1	THI	B6		12B	ITR CMD	F01
05235		XA206	71							16B	9		TITRAA	03	TINIRA	01	2	TT3	F2		36A		F01
13463		XA122	61		XA112	31				16B	9		TITRA0	01	TITRIA	01	3	TT3	E3		32B		
13464		XA112	31		XA213	46				16B	9		TITRA0	02	TESTAA	01	2	TQ2	C3		15B		
13465		XA213	46		XA205	27				16B	9		TITRA0	03	TITRA0	00	1	THI	D4		22B	ITR CMD	
13466		XA205	27		XA304	34				16B	9		TITRA0	04	TITRAA	01	1	THI	B6		13B		
13467		XA304	34		XA304	42				16B	9		TITRA0	05	TITR2A	01	1	TQ2	C2		16A		
13468		XA304	42		XA304	41				16B	9		TITRA0	06	TITRIA	01	2	TQ2	C1		20A		
13469		XA304	41										TITRA0	07	TI111A	01	1	TQ2	D3		22B		

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	PREFIX	CONNECTOR	PIN	SH FT D	PREFIX	CONNECTOR	PIN	SH FT D	MULTI GROUP	CODE	COLOR	IDENT												SPC INST MISC
13470 13471		XA206 XA346	36 41			XA346 41				16B	9		TITRC0 TITRC0	01 02	TITRC0 TS261A	00 01	1 1	TT3 TQ2	C1 D3		17A 22B	ITR(IND+ADD01+AD		
13472 13473		XA122 XA206	63 38			XA206 38				16B	9		TITRIA TITRIA	01 02	TITRIA TITRC0	00 01	1 1	TT3 TT3	E3 C1		33B 18A			
13474 13475 13476		XA304 XA205 XA206	38 76 42			XA205 XA206 42				16B	9		TITRIA TITRIA TITRIA	01 02 03	TITRIA TITR10 TITRC0	00 01 01	1 1 3	TQ2 THI TT3	C1 F5 C1		18A 37A 20A	ITR ADD01		
13477 13478		XA115 XA205	56 78			XA205 78				16B	9		TITR10 TITR10	01 02	TMRCAA TITR10	01 01	2 1	TQ2 THI	D1 F5		26A 36A	ITR ADD01		
13479 13480 13481		XA304 XA205 XA206	30 79 40			XA205 XA206 40				16B	9		TITR2A TITR2A TITR2A	01 02 03	TITR2A TITR20 TITRC0	00 01 01	1 1 2	TQ2 THI TT3	C2 F1 C1		15A 39B 19A	ITR ADD02		
13482 13483		XA346 XA205	65 80			XA205 80				16B	9		TITR20 TITR20	01 02	TCCCAA TITR20	01 00	1 1	TQ2 THI	F3 F1		34B 38B	ITR ADD02		
13484 13485		XA115 XA144	76 69			XA144 69				16B	9		TITTOA TITTOA	01 02	TITTO0 TITTOA	01 00	1 1	TQ2 TD4	F4 F2		37A 35A	I/O TIME OUT 6 M		
13486 13487		XA143 XA115	62 80			XA115 80				16B	9		TITTO0 TITTO0	01 02	TITMRI TITTO0	01 00	1 1	TDD TQ2	KI F4		29A 39A	LATCH/RESET CONT		
13488 13489 13490		XA344 XA345 XA304	79 64 33			XA345 XA304 33				16B	9		TITONA TITONA TITONA	01 02 03	TS134A TS061A TITONA	01 01 00	8 4 1	TS8 TD4 TQ2	F1 E2 C3		39B 30A 16B	INDICATOR*.TIME		
13491 13492		XA332 XA304	80 13			XA304 13				16B	9		TIWRDA TIWRDA	01 02	TIWRDA TINPT0	00 01	1 2	TQ2 TQ2	F4 A4		39A 06B	INPUT WORD REC'D		
13493 13494		XA246 XA139	60 79			XA139 79				16B	9		TIZCKA TIZCKA	01 02	TIZCKA TIZCK0	00 01	1 1	TQ2 THI	E2 F1		28A 39B	SWITCH + MR CLOC		
13495 13496		XA150 XA139	46 80			XA139 80				16B	9		TIZCK0 TIZCK0	01 02	TBCRSA TIZCK0	01 00	2 1	TT3 THI	D2 F1		21A 38B	CMD CLOCK -A		
13497 13498 13499 13500 13501 13502 13503 13504 13505		XA305 XA304 XA308 XA412 XA412 XA412 XA412 XA412 XA412	59 54 48 01 10 14 25 30 40 40			XA304 XA308 XA412 XA412 XA412 XA412 XA412 XA412 XA437				16B	9		TIOIHA TIOIHA TIOIHA TIOIHA TIOIHA TIOIHA TIOIHA TIOIHA TIOIHA	01 02 03 04 05 06 07 08 09	TIOIHA TIO5A0 TRCMR0 TR03BR TR02BR TR05BR TR04BR TR07BR TR06BR	00 01 01 01 01 01 01 01 01	1 1 3 1 3 1 3 1 3	TD4 TQ2 TD4 TD4 TD4 TD4 TD4 TD4 TD4	E1 D1 D2 A2 A1 B2 B1 C2 C1		31B 25A 22A 02B 07A 09A 12B 15A 19A	I/O RESET SIGNAL		
												****	SIGNAL	(TIOIHA)	IS ON THE NEXT PAGE				****					

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	PREFIX	CONNECTOR	PIN	PREFIX	CONNECTOR	PIN	SH.FG	MULTI GROUP	CODE	COLOR													IDENT	
13506		XA437	13		XA437	04			16B	9		TIOIHA	10	TRO0BR	01	4	TD4	A1		06B				
13507		XA437	04		XA145	65			16B	9		TIOIHA	11	TRO1BR	01	2	TD4	A2		04A				
13508		XA145	65									TIOIHA	12	TILOBR	01	1	TT3	F2		34B				
13509		XA434	42		XA434	29			16B	9		TIOSAA	01	TRO8BR	01	3	TT3	C1		20A				
13510		XA434	29		XA205	70			16B	9		TIOSAA	02	TRO9BR	01	1	TT3	C2		14B				
13511		XA205	70									TIOSAA	03	TIOSAA	00	1	THI	F3		34B	MASTER RESET + B			
13512		XA304	52		XA205	69			16B	9		TIOSA0	01	TIOSA0	00	1	TQ2	D1		24A	MASTER RESET + B			
13513		XA205	69									TIOSA0	02	TIOSAA	01	1	THI	F3		35B				
13514		XA205	74		XA304	46			16B	9		TIIC1A	01	TIIC10	01	1	THI	F4		35A				
13515		XA304	46									TIIC1A	02	TIIC1A	00	1	TQ2	D2		21A	STATE I1.C1*-A			
13516		XA146	03		XA146	10			16B	9		TIIC10	01	TBD41A	01	1	TQ2	A3		02A				
13517		XA146	10		XA149	79			16B	9		TIIC10	02	TBD31A	01	2	TQ2	A1		07A				
13518		XA149	79		XA205	72			16B	9		TIIC10	03	TBD21A	01	2	TQ2	F1		39B				
13519		XA205	72									TIIC10	04	TIIC10	00	1	THI	F4		34A	STATE I1.C1*-0			
13520		XA108	37		XA113	33			16B	9		TI10BP	01	TIAZAA	01	3	TT3	C3		18B				
13521		XA113	33		XA149	55			16B	9		TI10BP	02	TI10BP	00	1	TDD	FP		16B	STATE I1 (INPUT)			
13522		XA149	55		XA333	60			16B	9		TI10BP	03	TBD100	01	2	TQ2	E3		29B				
13523		XA333	60		XA333	75			16B	9		TI10BP	04	TS074A	01	2	TS8	E1		28A				
13524		XA333	75									TI10BP	05	TS004A	01	5	TS8	F1		37B				
13525		XA305	07		XA304	48			16B	9		TI10BQ	01	TIPESA	01	4	TD4	A2		03A				
13526		XA304	48		XA413	29			16B	9		TI10BQ	02	TIIC1A	01	1	TQ2	D2		22A				
13527		XA413	29		XA330	60			16B	9		TI10BQ	03	TI10SD	01	1	TLD	C3		14B	BUSS FOR CTS DIS			
13528		XA330	60		XA230	26			16B	9		TI10BQ	04	TI112A	01	2	TS8	E1		28A				
13529		XA230	26		XA128	64			16B	9		TI10BQ	05	TI10CA	01	2	TQ2	B1		14A				
13530		XA128	64		XA116	73			16B	9		TI10BQ	06	TER4AA	01	5	TS8	E1		30A				
13531		XA116	73		XA113	31			16B	9		TI10BQ	07	TDIPAA	01	2	TQ2	F2		36B				
13532		XA113	31		XA144	48			16B	9		TI10BQ	08	TI10BQ	00	1	TDD	FQ		15B	STATE I1 (INPUT)			
13533		XA144	48									TI10BQ	09	TXC14A	01	3	TD4	D2		22A				
13534		XA112	50		XA116	79			16B	9		TI10CA	01	TI10C0	01	2	TQ2	D2		23A				
13535		XA116	79		XA230	22			16B	9		TI10CA	02	TI12A0	01	2	TQ2	F1		39B				
13536		XA230	22									TI10CA	03	TI10CA	00	1	TQ2	B1		12A	INPUT-ENABLE-A			
13537		XA208	11		XA109	59			16B	9		TI10C0	01	TED7AA	01	1	TQ2	A4		05B				
13538		XA109	59		XA109	47			16B	9		TI10C0	02	TED6AA	01	1	TQ2	E4		31B				
13539		XA109	47		XA109	25			16B	9		TI10C0	03	TED5AA	01	1	TQ2	D4		25B				
13540		XA109	25		XA109	29			16B	9		TI10C0	04	TED0AA	01	2	TQ2	B4		12B				
13541		XA109	29		XA109	35			16B	9		TI10C0	05	TED3AA	01	1	TQ2	C3		14B				
13542		XA109	35		XA109	42			16B	9		TI10C0	06	TED4AA	01	1	TQ2	C4		17B		G01		
13544		XA109	42		XA112	46			16B	9		TI10C0	08	TED1AA	01	2	TQ2	C1		20A				
13545		XA112	46		XA146	17			16B	9		TI10C0	09	TI10C0	00	1	TQ2	D2		21A	INPUT.ENABLE *-0			
13546		XA146	17		XA138	37			16B	9		TI10C0	10	TBK13A	01	1	TQ2	B3		08B		G01		
05151		XA138	37									TI10C0	11	TED2AA	01	2	TQ2	C4		18B		G01		
												****	SIGNAL	(TI10SD)	IS ON THE		NEXT PAGE		****					

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	PREFIX	CONNECTOR	PIN	PREFIX	CONNECTOR	PIN	SIZE	MULTI GROUP	CODE	COLOR											
13547		XA413	33									TI10SD	01	TI10SD	00	1	TLD	C3	16B	JDB07B4 BUSS	
13548		XA113	34		XA206	04			16B	9		TI1100	01	TI10B1	01	1	TDD	FI	16A	STATE I1-ORED DA	
13549		XA206	04									TI1100	02	TI1100	00	1	TT3	A1	04A		
13550		XA304	45		XA206	10			16B	9		TI111A	01	TI111A	00	1	TQ2	O3	24B	STATE S24.ITR	
13551		XA206	10									TI111A	02	TI1100	01	3	TT3	A1	07A		
13552		XA330	59		XA206	08			16B	9		TI112A	01	TI112A	00	1	TS8	E1	31B	LATCH/RESET CONT	
13553		XA206	08									TI112A	02	TI1100	01	2	TT3	A1	06A		
13554		XA137	10		XA133	79			16B	9		TI12A0	01	TTESPA	01	3	TT3	A1	07A	STATE I1 + I2	
13555		XA133	79		XA116	75			16B	9		TI12A0	02	TTESAA	01	2	TQ2	FI	39B		
13556		XA116	75									TI12A0	03	TI12A0	00	1	TQ2	F1	37B		
13557		XA236	76		XA304	11			16B	9		TI120A	01	TI120A	00	1	TD4	F1	37A		BYTE INPUT COMPL
13558		XA304	11									TI120A	02	TINPT0	01	1	TQ2	A4	05B		
13559		XA330	61		XA147	59			16B	9		TI121A	01	TI121A	01	3	TS8	E1	32B	OUTPUT STATE .BR	
13560		XA147	59									TI121A	02	TI121A	00	1	TS8	E1	31B		
13561		XA304	66		XA112	56			16B	9		TI1250	01	TI1250	00	1	TQ2	E1	31A	BURST + BOOTSTR	
13562		XA112	56									TI1250	02	TI131A	01	2	TQ2	D1	26A		
07847		XA133	66		XA113	36			16B	9		TI126A	01	TI126A	00	1	TQ2	E1	31A	C05	
14190		XA113	36									TI126A	02	TI10BP	01	1	TDD	FP	17A		C05
05117		XA133	68		XA138	51			16B	9		TI1260	01	TI126A	01	1	TQ2	E1	32A	C05	
07850		XA138	51									TI1260	02	TI1260	00	1	TQ2	D4	27B		C05
13563		XA109	55		XA112	52			16B	9		TI131A	01	TI1310	01	2	TQ2	E3	29B	ADD ACKNOWLEDGE.	
13564		XA112	52									TI131A	02	TI131A	00	1	TQ2	D1	24A		
13565		XA317	60		XA109	57			16B	9		TI1310	01	TS3E8N	01	1	TDD	KN	28A	(I1+I2).COUNT=0	
13566		XA109	57									TI1310	02	TI1310	00	1	TQ2	E3	30B		
13567		XA113	47		XA112	10			16B	9		TI20BP	01	TI20BP	00	1	TDD	GP	25B	STATE I2 (OUTPUT	
13568		XA112	10		XA108	14			16B	9		TI20BP	02	TBS7CA	01	2	TQ2	A1	07A		
13569		XA108	14		XA108	22			16B	9		TI20BP	03	TES2AA	01	1	TT3	B2	09A		
13570		XA108	22		XA108	33			16B	9		TI20BP	04	TES12A	01	1	TT3	B1	12A		
13571		XA108	33		XA205	35			16B	9		TI20BP	05	TI2AZAA	01	1	TT3	C3	16B		
13572		XA205	35		XA304	53			16B	9		TI20BP	06	TI20C0	01	1	TH1	C2	18A		
13573		XA304	53									TI20BP	07	TI2380	01	1	TQ2	E3	28B		
13574		XA413	35		XA205	33			16B	9		TI20BQ	01	TI20SD	01	1	TLD	C4	17B	BUSS FOR CTS DIS	
13575		XA205	33		XA113	49			16B	9		TI20BQ	02	TI20CA	01	1	TH1	C5	17B		
13576		XA113	49		XA115	61			16B	9		TI20BQ	03	TI20BQ	00	1	TDD	GQ	26B	STATE I2 (OUTPUT	
13577		XA115	61		XA128	79			16B	9		TI20BQ	04	TSTB3A	01	2	TQ2	E4	32B		
13578		XA128	79		XA141	08			16B	9		TI20BQ	05	TXC13A	01	8	TS8	F1	39B		
13579		XA141	08		XA146	20			16B	9		TI20BQ	06	TXC12A	01	1	TQ2	A1	06A		
										****	SIGNAL (TI20BQ) IS ON THE NEXT PAGE										****

DRAWING NUMBER 149019-800
 UNIT ASSEMBLY NAME CARD CAGE ASSY,I/O UNIT

STRING

UNIT ASSEMBLY NO. 149019
 FILE IDENT T39BIUX2

REV G
 DATE 09-03-82

INDEX TI208Q
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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	PREFIX	CONNECTOR	PIN	MULTI GROUP	CODE	COLOR	IDENT											
13580		XA146	20								TI20BQ	07	TBK12A	01	2	TQ2	B2		11A		
13581		XA305	26	XA205	31			16B	9		TI20CA	01	TI2100	01	4	TD4	B1		14A		
13582		XA205	31	XA112	55			16B	9		TI20CA	02	TI20CA	00	1	THI	C5		16B		STATE I2 F/F UNL
13583		XA112	55	XA112	59			16B	9		TI20CA	03	TI313A	01	2	TQ2	E3		29B		
13584		XA112	59	XA116	77			16B	9		TI20CA	04	TI314A	01	1	TQ2	E4		31B		
13585		XA116	77	XA122	62			16B	9		TI20CA	05	TI12A0	01	1	TQ2	F1		38B		
13586		XA122	62								TI20CA	06	TI23E0	01	3	TT3	E2		29A		
13587		XA146	05	XA146	13			16B	9		TI20C0	01	TBD34A	01	2	TQ2	A2		03B		
13588		XA146	13	XA149	61			16B	9		TI20C0	02	TBD44A	01	2	TQ2	A4		06B		
13589		XA149	61	XA149	65			16B	9		TI20C0	03	TBD13A	01	2	TQ2	E4		32B		
13590		XA149	65	XA205	37			16B	9		TI20C0	04	TBD25A	01	1	TQ2	F3		34B		
13591		XA205	37								TI20C0	05	TI20C0	00	1	THI	C2		17A		STATE I2 F/F UNL
13592		XA413	39							J	TI20SD	01	TI20SD	00	1	TLD	C4		19B		JDB08B4 BUSS
13593		XA113	54	XA305	23			16B	9		TI2100	01	TI20BI	01	1	TDD	G1		25A		
13594		XA305	23								TI2100	02	TI2100	00	1	TD4	B1		11B		STATE I2 ORED DA
13595		XA305	22	XA330	76			16B	9		TI211A	01	TI2100	01	1	TD4	B1		12A		
13596		XA330	76								TI211A	02	TI211A	00	1	TS8	F1		37A		STATE S6.NO INPU
13597		XA141	55	XA206	31			16B	9		TI212A	01	TPS200	01	2	TQ2	E3		29B		
13598		XA206	31	XA305	25			16B	9		TI212A	02	TI212A	00	1	TT3	C2		15B		STATE S25.OFR
13599		XA305	25								TI212A	03	TI2100	01	3	TD4	B1		12B		
13600		XA108	09	XA206	39			16B	9		TI213A	01	TI3210	01	1	TT3	A3		04B		
13601		XA206	39								TI213A	02	TI213A	00	1	TT3	C3		19B		STATE S25.DEV.ID
13602		XA251	51	XA305	21			16B	9		TI22XA	01	TS24BQ	01	1	TDD	GQ		27B		
13603		XA305	21								TI22XA	02	TI22XA	00	1	TD4	B2		10B		S24 SHIFT PULSE
13604		XA208	55	XA208	61			16B	9		TI23B0	01	TDL23A	01	2	TQ2	E3		29B		
13605		XA208	61	XA208	64			16B	9		TI23B0	02	TDL33A	01	2	TQ2	E4		32B		
13606		XA208	64	XA208	70			16B	9		TI23B0	03	TDL13A	01	2	TQ2	E2		30A		
13607		XA208	70	XA208	74			16B	9		TI23B0	04	TDL03A	01	2	TQ2	E1		33A		
13608		XA208	74	XA208	78			16B	9		TI23B0	05	TDL63A	01	2	TQ2	F3		35B		
13609		XA208	78	XA208	79			16B	9		TI23B0	06	TDL73A	01	2	TQ2	F4		38A		
13610		XA208	79	XA207	79			16B	9		TI23B0	07	TDL43A	01	2	TQ2	F1		39B		
13611		XA207	79	XA304	57			16B	9		TI23B0	08	TDL53A	01	2	TQ2	F1		39B		
13612		XA304	57								TI23B0	09	TI23B0	00	1	TQ2	E3		30B		I2 + I3.BYTE 1
13613		XA122	55	XA206	24			16B	9		TI23E0	01	TI23E0	00	1	TT3	E2		29B		
13614		XA206	24								TI23E0	02	TSTR9A	01	2	TT3	B1		13A		
13615		XA114	11	XA304	64			16B	9		TI23XA	01	TI23XA	00	1	TS8	A1		05B		I3 ENABLE PULSE
13616		XA304	64								TI23XA	02	TI23X0	01	2	TQ2	E2		30A		
13617		XA142	68	XA304	60			16B	9		TI23X0	01	TPS13A	01	1	TQ2	E1		32A		
								****	SIGNAL	(TI23X0)			IS ON THE	NEXT PAGE	****						

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 UNIT ASSEMBLY NAME CARD CAGE ASSY, I/O UNIT

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UNIT ASSEMBLY NO. 149019
 FILE IDENT T398IUX2

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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											IDENT
13618		XA304	60									T123X0	02	T123X0	00	1	TQ2	E2	28A	I3 ENABLE PULSE	
13619		XA112	45		XA113	52			16B	9		T1231A	01	T1231A	00	1	TQ2	D3	24B	RESET- MASTER +C	
13620		XA113	52		XA339	22			16B	9		T1231A	02	T120BP	01	1	TDD	GP	24A		
13621		XA339	22									T1231A	03	TE0PBP	01	1	TDD	CP	12A		
13622		XA304	63		XA112	43			16B	9		T12310	01	T12310	00	1	TQ2	E4	33B	MASTER RST+C2*.C	
13623		XA112	43									T12310	02	T1231A	01	2	TQ2	D3	23B		
15868		XA250	71		XA305	35			16B	9		T1232A	01	TERSA0	01	1	TS8	F1	36A		C05
13625		XA305	35		XA304	61			16B	9		T1232A	02	T1232A	00	1	TD4	C1	17B	C2*.C3.BYTE 1*.C	
13626		XA304	61									T1232A	03	T12310	01	2	TQ2	E4	32B		
13627		XA112	51		XA304	55			16B	9		T1381A	01	T1381A	00	1	TQ2	D4	27B	I3 AND BYTE 1 F.	
13628		XA304	55									T1381A	02	T12380	01	2	TQ2	E3	29B		
13629		XA304	74		XA305	18			16B	9		T1308P	01	TE0B1A	01	2	TQ2	F3	35B		
13630		XA305	18		XA108	35			16B	9		T1308P	02	T122XA	01	2	TD4	B2	10A		
13631		XA108	35		XA114	25			16B	9		T1308P	03	TI4ZAA	01	2	TT3	C3	17B		
13632		XA114	25		XA113	45			16B	9		T1308P	04	TI3100	01	7	TS8	B1	12B		
13633		XA113	45		XA122	60			16B	9		T1308P	05	TI308P	00	1	TDD	HP	24B	STATE I3 (COMMAN	
13634		XA122	60									T1308P	06	TI23E0	01	2	TT3	E2	28A		
13635		XA142	70		XA144	56			16B	9		TI308Q	01	TPS13A	01	2	TQ2	E1	33A		
13636		XA144	56		XA147	20			16B	9		TI308Q	02	TXC11A	01	4	TD4	D1	26A		
13637		XA147	20		XA114	05			16B	9		TI308Q	03	TBD14A	01	4	TS8	B1	11A		
13638		XA114	05		XA112	49			16B	9		TI308Q	04	TI23XA	01	3	TS8	A1	03B		
13639		XA112	49		XA113	43			16B	9		TI308Q	05	T1381A	01	2	TQ2	D4	26B		
13640		XA113	43		XA413	54			16B	9		TI308Q	06	TI308Q	00	1	TDD	HQ	23B	STATE I3 (COMMAN	
13641		XA413	54									TI308Q	07	TI30SD	01	1	TLD	D1	25A	BUSS FOR CTS DIS	
13642		XA413	52								J	TI30SD	01	TI30SD	00	1	TLD	D1	24A	JDB09B4 BUSS	
13643		XA114	23		XA113	48			16B	9		TI3100	01	TI3100	00	1	TS8	B1	11B	STATE I3 ORED DA	
13644		XA113	48									TI3100	02	TI30B1	01	1	TDD	HI	22A		
13645		XA109	70		XA112	66			16B	9		TI311A	01	TBT200	01	2	TQ2	E1	33A		
13646		XA112	66		XA114	61			16B	9		TI311A	02	TI311A	00	1	TQ2	E1	31A	BOOTSTRAP 1-BOOT	
13647		XA114	61		XA114	24			16B	9		TI311A	03	TCMD40	01	3	TS8	E1	32B		
13648		XA114	24		XA124	49			16B	9		TI311A	04	TI3100	01	6	TS8	B1	13A		
13649		XA124	49		XA137	75			16B	9		TI311A	05	TCB280	01	2	TQ2	O4	26B		
13650		XA137	75		XA149	68			16B	9		TI311A	06	TEN840	01	1	TT3	F1	37B		
13651		XA149	68		XA340	09			16B	9		TI311A	07	TCPD40	01	1	TQ2	E1	32A		
13652		XA340	09		XA329	17			16B	9		TI311A	08	TS009A	01	1	TT3	A3	04B		
13653		XA329	17		XA426	41			16B	9		TI311A	09	TC03BQ	01	1	TDD	OQ	08B		
13654		XA426	41									TI311A	10	TI3110	01	1	THI	D4	23B		
17405		XA415	07		XA423	70			16B	9		TI3110	005	TI333A	01	2	TQ2	A3	03A		D01
13655		XA423	70		XA423	49			16B	9		TI3110	01	TBS31A	01	2	TQ2	E1	33A		
13656		XA423	49		XA423	43			16B	9		TI3110	02	TBS30A	01	2	TQ2	D4	26B		
									****	SIGNAL	(TI3110)			S ON THE	NEXT PAGE	****					

DRAWING NUMBER 149019-800
 UNIT ASSEMBLY NAME CARD CAGE ASSY, I/O UNIT

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UNIT ASSEMBLY NO. 149019
 FILE IDENT T39B IUX2

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RECORD NUMBER	FROM				TO				WIRE				SIGNAL	SEC NO	EQUATION	TERM	FACTOR	CKT OR CHIP TYPE	GROUP	LOAD CP POWER PLANE	TEST POINTS AND/OR	SIGNAL DESCRIPTION	ECO NO	
	PREFIX	CONNECTOR	PIN	SH TC	PREFIX	CONNECTOR	PIN	SH TC	MULTI GROUP	CODE	COLOR	IDENT												SPEC INST MISC
13657		XA423	43			XA426	46			16B	9			TI3110	03	TBS29A	01 2	TQ2	D3		23B	BSTP CHNL BIT 2 T		
13658		XA426	46											TI3110	04	TI3110	00 1	THI	D4		22B			
13659		XA114	20			XA114	55			16B	9			TI313A	01	TI3100	01 4	TS8	B1		11A	S03 (ADD ACK+BTSP		
13660		XA114	55			XA112	57			16B	9			TI313A	02	TCMD40	00 1	TS8	E1		29B			
13661		XA112	57											TI313A	03	TI313A	00 1	TQ2	E3		30B			
13662		XA112	63			XA114	68			16B	9			TI314A	01	TI314A	00 1	TQ2	E4		33B	STATE I2*.EOB CO		
13663		XA114	68			XA114	19			16B	9			TI314A	02	TCMD40	01 7	TS8	E1		32A			
13664		XA114	19											TI314A	03	TI3100	01 3	TS8	B1		09B			
13665		XA304	75			XA113	50			16B	9			TI321A	01	TI321A	00 1	TQ2	F1		37B	RESET- MR+CMD*.C		
13666		XA113	50											TI321A	02	TI30BP	01 1	TOD	HP		23A			
13667		XA108	15			XA304	79			16B	9			TI3210	01	TI3210	00 1	TT3	A3		07B	TE0031 RESET S1.		
13668		XA304	79											TI3210	02	TI321A	01 2	TQ2	F1		39B			
13669		XA149	20			XA144	18			16B	9			TKAAAB	01	TKM1BA	01 2	TQ2	B2		11A			
13670		XA144	18			XA141	42			16B	9			TKAAAB	02	TBRRSA	01 2	TD4	B2		10A			
13671		XA141	42			XA136	56			16B	9			TKAAAB	03	TMTENA	01 2	TQ2	C1		20A			
13672		XA136	56			XA138	76			16B	9			TKAAAB	04	TTWPCA	01 4	TD4	D1		26A			
13673		XA138	76			XA246	64			16B	9			TKAAAB	05	TWTCAA	01 1	TQ2	F4		37A			
13674		XA246	64			XA335	06			16B	9			TKAAAB	06	TIZCKA	01 2	TQ2	E2		30A			
13675		XA335	06			XA335	22			16B	9		P	TK1AA0	07	TKAAAB	01 1	TQ2	A1		05A			
13676		XA335	22			XA335	38			16B	9		P	TK2AA0	08	TKAAAB	02 1	TQ2	B1		12A			
13677		XA335	38			XA335	52			16B	9		P	TK3AA0	09	TKAAAB	03 1	TQ2	C1		18A			
13678		XA335	52			XA346	71			16B	9		P	TK4AA0	10	TKAAAB	04 1	TQ2	D1		24A			
13679		XA346	71											TKAAAB	11	TDC51A	01 1	TQ2	F2		36A			
13680		XA440	07			XA335	46			16B	9			TKAABB	01	TDC41A	01 2	TQ2	A3		03A			
13681		XA335	46			XA335	30			16B	9		P	TK4AB0	02	TKAABB	04 1	TQ2	D2		21A			
13682		XA335	30			XA335	14			16B	9		P	TK3AB0	03	TKAABB	03 1	TQ2	C2		15A			
13683		XA335	14			XA335	01			16B	9		P	TK2AB0	04	TKAABB	02 1	TQ2	B2		09A			
13684		XA335	01			XA326	07			16B	9		P	TK1AB0	05	TKAABB	01 1	TQ2	A2		02B			
13685		XA326	07			XA320	10			16B	9			TKAABB	06	TCST1A	01 2	TQ2	A3		03A			
13686		XA320	10			XA320	54			16B	9			TKAABB	07	TCCK1A	01 2	TQ2	A1		07A			
13687		XA320	54			XA314	65			16B	9			TKAABB	08	TCCK2A	01 1	TQ2	D1		25A			
13688		XA314	65			XA314	78			16B	9			TKAABB	09	TCCK3A	01 1	TQ2	F3		34B			
13689		XA314	78			XA304	18			16B	9			TKAABB	10	TCCK4A	01 2	TQ2	F4		38A			
13690		XA304	18			XA108	26			16B	9			TKAABB	11	TIPEBA	01 1	TQ2	B2		10A			
13691		XA108	26			XA108	18			16B	9			TKAABB	12	TES12A	01 3	TT3	B1		14A			
13692		XA108	18			XA115	04			16B	9			TKAABB	13	TES2AA	01 3	TT3	B2		10A			
13693		XA115	04			XA116	03			16B	9			TKAABB	14	TSTR1A	01 1	TQ2	A2		04A			
13694		XA116	03			XA116	05			16B	9			TKAABB	15	TKA46A	01 1	TQ2	A3		02A			
13695		XA116	05											TKAABB	16	TKA03A	01 2	TQ2	A2		03B			
13696		XA136	13			XA134	14			16B	9			TKAACB	01	TPNC1A	01 4	TD4	A1		06B			
13697		XA134	14			XA230	05			16B	9			TKAACB	02	TQBPAA	01 1	TT3	B2		09A			
13698		XA230	05			XA230	34			16B	9			TKAACB	03	TDC07A	01 2	TQ2	A2		03B			
13699		XA230	34			XA230	40			16B	9			TKAACB	04	TDC84A	01 1	TQ2	C2		16A			
												****	SIGNAL	(TKAACB)	IS ON THE	NEXT PAGE	****							

DRAWING NUMBER 149019-800
 UNIT ASSEMBLY NAME CARD CAGE ASSY, I/O UNIT

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UNIT ASSEMBLY NO. 149019
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 PAGE 235

RECORD NUMBER	FROM				TO				WIRE				SIGNAL	SQ NO	EQUATION	TERM	FACTOR	CKT OR CHIP TYPE	GROUP	LOAD OR POWER PLANE	TEST POINTS AND/OR	SIGNAL DESCRIPTION	ECO NO
	PREFIX	CONNECTOR	PIN	SN FC	PREFIX	CONNECTOR	PIN	SN FC	MULTI GROUP	CODE	COLOR	IDENT											
13700		XA230	40		XA230	48				16B	9		TKAACB	05	TDC67A	01	1	TQ2	C1		19A		
13701		XA230	48		XA230	56				16B	9		TKAACB	06	TDC17A	01	1	TQ2	D2		22A		
13702		XA230	56		XA231	62				16B	9		TKAACB	07	TDC85A	01	2	TQ2	D1		26A		
13703		XA231	62		XA335	45				16B	9		TKAACB	08	TDC83A	01	1	TQ2	E2		29A		
13704		XA335	45		XA335	33				16B	9	P	TK4AC0	09	TKAACB	04	1	TQ2	D3		24B		
13705		XA335	33		XA335	09				16B	9	P	TK3AC0	10	TKAACB	03	1	TQ2	C3		16B		
13706		XA335	09		XA335	21				16B	9	P	TK1AC0	11	TKAACB	01	1	TQ2	A3		04B		
13707		XA335	21		XA328	24				16B	9	P	TK2AC0	12	TKAACB	02	1	TQ2	B3		10B		
13708		XA328	24		XA328	54				16B	9		TKAACB	13	TCCKAA	01	1	TQ2	B1		13A		
13709		XA328	54		XA326	56				16B	9		TKAACB	14	TCCKBA	01	1	TQ2	D1		25A		
13710		XA326	56		XA327	76				16B	9		TKAACB	15	TCCKCA	01	2	TQ2	D1		26A		
13711		XA327	76		XA323	78				16B	9		TKAACB	16	TAWPOA	01	2	TT3	F3		37A		
13712		XA323	78										TKAACB	17	TPECIA	01	3	TD4	F1		38A		
13713		XA338	08		XA338	04				16B	9		TKABAB	01	TK1AAA	01	1	TQ2	A1		06A		
13714		XA338	04		XA338	03				16B	9		TKABAB	02	TK1ABA	01	1	TQ2	A2		04A		
13715		XA338	03		XA338	17				16B	9		TKABAB	03	TK1ACA	01	1	TQ2	A3		02A		
13716		XA338	17		XA338	18				16B	9		TKABAB	04	TK2ACA	01	1	TQ2	B3		08B		
13717		XA338	18		XA338	24				16B	9		TKABAB	05	TK2ABA	01	1	TQ2	B2		10A		
13718		XA338	24		XA338	29				16B	9		TKABAB	06	TK2AAA	01	1	TQ2	B1		13A		
13719		XA338	29		XA338	34				16B	9		TKABAB	07	TK3ACA	01	1	TQ2	C3		14B		
13720		XA338	34		XA338	40				16B	9		TKABAB	08	TK3ABA	01	1	TQ2	C2		16A		
13721		XA338	40		XA338	41				16B	9		TKABAB	09	TK3AAA	01	1	TQ2	C1		19A		
13722		XA338	41		XA338	48				16B	9		TKABAB	10	TK4ACA	01	1	TQ2	D3		22B		
13723		XA338	48		XA338	54				16B	9		TKABAB	11	TK4ABA	01	1	TQ2	D2		22A		
13724		XA338	54		XA335	60				16B	9		TKABAB	12	TK4AAA	01	1	TQ2	D1		25A		
13725		XA335	60		XA335	66				16B	9	P	TK2DAA	13	TKABAB	02	1	TQ2	E2		28A		
13726		XA335	66		XA335	63				16B	9	P	TK1DAA	14	TKABAB	01	1	TQ2	E1		31A		
13727		XA335	63									P	TK4DAA	15	TKABAB	04	1	TQ2	E4		33B		
13728		XA335	08		XA335	04				16B	9		TKACAB	01	TK1AA0	01	1	TQ2	A1		06A		
13729		XA335	04		XA335	03				16B	9		TKACAB	02	TK1AB0	01	1	TQ2	A2		04A		
13730		XA335	03		XA335	17				16B	9		TKACAB	03	TK1AC0	01	1	TQ2	A3		02A		
13731		XA335	17		XA335	18				16B	9		TKACAB	04	TK2AC0	01	1	TQ2	B3		08B		
13732		XA335	18		XA335	24				16B	9		TKACAB	05	TK2AB0	01	1	TQ2	B2		10A		
13733		XA335	24		XA335	29				16B	9		TKACAB	06	TK2AA0	01	1	TQ2	B1		13A		
13734		XA335	29		XA335	34				16B	9		TKACAB	07	TK3AC0	01	1	TQ2	C3		14B		
13735		XA335	34		XA335	40				16B	9		TKACAB	08	TK3AB0	01	1	TQ2	C2		16A		
13736		XA335	40		XA335	41				16B	9		TKACAB	09	TK3AA0	01	1	TQ2	C1		19A		
13737		XA335	41		XA335	48				16B	9		TKACAB	10	TK4AC0	01	1	TQ2	D3		22B		
13738		XA335	48		XA335	54				16B	9		TKACAB	11	TK4AB0	01	1	TQ2	D2		22A		
13739		XA335	54		XA338	57				16B	9		TKACAB	12	TK4AA0	01	1	TQ2	D1		25A		
13740		XA338	57		XA338	60				16B	9	P	TK3DAA	13	TKACAB	03	1	TQ2	E3		30B		
13741		XA338	60		XA338	63				16B	9	P	TK2DAA	14	TKACAB	01	1	TQ2	E2		28A		
13742		XA338	63									P	TK4DAA	15	TKACAB	04	1	TQ2	E4		33B		
13743		XAI43	36		XAI41	80				16B	9		TKADAA	01	TMSNOP	01	1	TDD	FP		17A		
13744		XAI41	80										TKADAA	02	TKADAA	00	1	TQ2	F4		39A	CLK .ADD ACK	
13745		XA239	80		XAI41	76				16B	9		TKADA0	01	TKADA0	00	1	TQ2	F4		39A	BYTE XFER CLOCK.	
										****		SIGNAL	(TKADA0)		IS ON THE			NEXT PAGE	****				

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	PREFIX	CONNECTOR	PIN	DR. PC	PREFIX	CONNECTOR	PIN	DR. PC	MULTI GROUP	CODE	COLOR	IDENT											
13746		XA141	76										TKADAO	02	TKADAA	01	1	TQ2	F4		37A		
13747		XA350	40		XA150	66			16B	9			TKAMBQ	01	TADA2A	01	1	TQ2	C1		19A		
13748		XA150	66		XA113	74			16B	9			TKAMBQ	02	TMS31A	01	1	TT3	E1		31A		
13749		XA113	74										TKAMBQ	03	TKAMBQ	00	1	TDD	MQ		35B		
13750		XA115	69		XA113	71			16B	9			TKAMSO	01	TKAMSO	00	1	TQ2	F3		35A	OSC . ORED DATA	
13751		XA113	71										TKAMSO	02	TKAMBI	01	1	TDD	MI		36A		
13752		XA442	26		XA442	14			16B	9			TKA03A	01	TA02BN	01	1	TDD	CN		14A		
13753		XA442	14		XA442	10			16B	9			TKA03A	02	TA03BN	01	1	TDD	DN		09A		
13754		XA442	10		XA442	01			16B	9			TKA03A	03	TA00BN	01	1	TDD	AN		07A		
13755		XA442	01		XA116	01			16B	9			TKA03A	04	TA01BN	01	1	TDD	BN		02B		
13756		XA116	01										TKA03A	05	TKA03A	00	1	TQ2	A2		02B		
13757		XA116	09		XA442	30			16B	9			TKA46A	01	TKA46A	00	1	TQ2	A3		04B		
13758		XA442	30		XA442	42			16B	9			TKA46A	02	TA05BN	01	1	TDD	FN		15A		
13759		XA442	42		XA442	56			16B	9			TKA46A	03	TA04BN	01	1	TDD	EN		20A		
13760		XA442	56										TKA46A	04	TA06BN	01	1	TDD	GN		26A		
13761		XA113	01		XA113	14			16B	9			TKBAAB	01	TBSTIN	01	1	TDD	BN		02B		
13762		XA113	14		XA113	26			16B	9			TKBAAB	02	TE08BN	01	1	TDD	DN		09A		
13763		XA113	26		XA113	30			16B	9			TKBAAB	03	TBST2N	01	1	TDD	CN		14A		
13764		XA113	30		XA113	46			16B	9			TKBAAB	04	TI10BN	01	1	TDD	FN		15A		
13765		XA113	46		XA113	56			16B	9			TKBAAB	05	TI30BN	01	1	TDD	HN		21A		
13766		XA113	56		XA217	60			16B	9			TKBAAB	06	TI20BN	01	1	TDD	GN		26A		
13767		XA217	60		XA217	72			16B	9			TKBAAB	07	TAVEBN	01	1	TDD	KN		28A		
13768		XA217	72		XA238	70			16B	9			TKBAAB	08	TPEDMN	01	1	TDD	MN		34A		
13769		XA238	70		XA238	60			16B	9			TKBAAB	09	TCM8BN	01	1	TDD	JN		33A		
13770		XA238	60		XA238	79			16B	9			TKBAAB	10	TEN8BN	01	1	TDD	KN		28A		
13771		XA238	79		XA338	06			16B	9			TKBAAB	11	TINDBN	01	1	TDD	LN		39B		
13772		XA338	06		XA338	22			16B	9		P	TK1AAA	12	TKBAAB	01	1	TQ2	A1		05A		
13773		XA338	22		XA338	38			16B	9		P	TK2AAA	13	TKBAAB	02	1	TQ2	B1		12A		
13774		XA338	38		XA338	52			16B	9		P	TK3AAA	14	TKBAAB	03	1	TQ2	C1		18A		
13775		XA338	52		XA405	72			16B	9		P	TK4AAA	15	TKBAAB	04	1	TQ2	D1		24A		
13776		XA405	72		XA433	26			16B	9			TKBAAB	16	TINDCN	01	1	TDD	MN		34A		C09
05932		XA433	26										TKBAAB	17	TK07BN	01	1	TDD	CN		14A		C09
13777		XA347	79		XA347	72			16B	9			TKBABB	01	TS19BN	01	1	TDD	LN		39B		
13778		XA347	72		XA347	70			16B	9			TKBABB	02	TS20BN	01	1	TDD	MN		34A		
13779		XA347	70		XA347	60			16B	9			TKBABB	03	TS17BN	01	1	TDD	JN		33A		
13780		XA347	60		XA347	56			16B	9			TKBABB	04	TS18BN	01	1	TDD	KN		28A		
13781		XA347	56		XA347	46			16B	9			TKBABB	05	TS15BN	01	1	TDD	GN		26A		
13782		XA347	46		XA347	42			16B	9			TKBABB	06	TS16BN	01	1	TDD	HN		21A		
13783		XA347	42		XA347	30			16B	9			TKBABB	07	TS13BN	01	1	TDD	EN		20A		
13784		XA347	30		XA347	26			16B	9			TKBABB	08	TS14BN	01	1	TDD	FN		15A		
13785		XA347	26		XA347	14			16B	9			TKBABB	09	TS11BN	01	1	TDD	CN		14A		
13786		XA347	14		XA347	10			16B	9			TKBABB	10	TS12BN	01	1	TDD	DN		09A		
13787		XA347	10		XA347	01			16B	9			TKBABB	11	TS09BN	01	1	TDD	AN		07A		
13788		XA347	01		XA338	01			16B	9			TKBABB	12	TS10BN	01	1	TDD	BN		02B		
												****	SIGNAL	(TKBABB)	IS ON THE NEXT PAGE				****				

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	PREFIX	CONNECTOR	PIN	PREFIX	CONNECTOR	PIN	MULTI GROUP	CODE	COLOR												IDENT
13789		XA338	01		XA338	14			168	9		P	TK1ABA	13	TKBABB	01	1	TQ2	A2	02B	
13790		XA338	14		XA339	14			168	9		P	TK2ABA	14	TKBABB	02	1	TQ2	B2	09A	
13791		XA339	14		XA339	30			168	9			TKBABB	15	TS00BN	01	1	TDD	DN	09A	
13792		XA339	30		XA338	30			168	9			TKBABB	16	TS02BN	01	1	TDD	FN	15A	
13793		XA338	30		XA338	46			168	9		P	TK3ABA	17	TKBABB	03	1	TQ2	C2	15A	
13794		XA338	46		XA339	42			168	9		P	TK4ABA	18	TKBABB	04	1	TQ2	D2	21A	
13795		XA339	42		XA339	46			168	9			TKBABB	19	TS01BN	01	1	TDD	EN	20A	
13796		XA339	46		XA339	56			168	9			TKBABB	20	TS04BN	01	1	TDD	HN	21A	
13797		XA339	56		XA339	60			168	9			TKBABB	21	TS03BN	01	1	TDD	GN	26A	
13798		XA339	60		XA339	70			168	9			TKBABB	22	TS06BN	01	1	TDD	KN	28A	
13799		XA339	70		XA339	72			168	9			TKBABB	23	TS05BN	01	1	TDD	JN	33A	
13800		XA339	72		XA339	79			168	9			TKBABB	24	TS08BN	01	1	TDD	MN	34A	
13801		XA339	79		XA317	79			168	9			TKBABB	25	TS07BN	01	1	TDD	LN	39B	
13802		XA317	79										TKBABB	26	TPEBMN	01	1	TDD	LN	39B	
13803		XA338	45		XA338	33			168	9		P	TK4ACA	01	TKBACB	04	1	TQ2	D3	24B	
13804		XA338	33		XA338	21			168	9		P	TK3ACA	02	TKBACB	03	1	TQ2	C3	16B	
13805		XA338	21		XA338	09			168	9		P	TK2ACA	03	TKBACB	02	1	TQ2	B3	10B	
13806		XA338	09		XA244	72			168	9		P	TK1ACA	04	TKBACB	01	1	TQ2	A3	04B	
13807		XA244	72		XA251	72			168	9			TKBACB	05	TS28BN	01	1	TDD	MN	34A	
13808		XA251	72		XA251	70			168	9			TKBACB	06	TS29BN	01	1	TDD	MN	34A	
13809		XA251	70		XA251	60			168	9			TKBACB	07	TS26BN	01	1	TDD	JN	33A	
13810		XA251	60		XA251	56			168	9			TKBACB	08	TS27BN	01	1	TDD	KN	28A	
13811		XA251	56		XA251	46			168	9			TKBACB	09	TS24BN	01	1	TDD	GN	26A	
13812		XA251	46		XA251	42			168	9			TKBACB	10	TS25BN	01	1	TDD	HN	21A	
13813		XA251	42		XA251	30			168	9			TKBACB	11	TS22BN	01	1	TDD	EN	20A	
13814		XA251	30		XA251	14			168	9			TKBACB	12	TS23BN	01	1	TDD	FN	15A	
13815		XA251	14		XA244	10			168	9			TKBACB	13	TS21BN	01	1	TDD	DN	09A	
13816		XA244	10		XA143	70			168	9			TKBACB	14	TIT1MN	01	1	TDD	AN	07A	
13817		XA143	70		XA143	60			168	9			TKBACB	15	TM06BN	01	1	TDD	JN	33A	
13818		XA143	60		XA143	56			168	9			TKBACB	16	TITMRN	01	1	TDD	KN	28A	
13819		XA143	56		XA143	46			168	9			TKBACB	17	TMS3BN	01	1	TDD	GN	26A	
13820		XA143	46		XA148	56			168	9			TKBACB	18	TXC0BN	01	1	TDD	HN	21A	
13821		XA148	56		XA148	60			168	9			TKBACB	19	TM00BN	01	1	TDD	GN	26A	
13822		XA148	60		XA151	56			168	9			TKBACB	20	TSTBRN	01	1	TDD	KN	28A	
13823		XA151	56		XA151	46			168	9			TKBACB	21	TM04BN	01	1	TDD	GN	26A	
13824		XA151	46		XA151	30			168	9			TKBACB	22	TM05BN	01	1	TDD	HN	21A	
13825		XA151	30		XA151	14			168	9			TKBACB	23	TM03BN	01	1	TDD	FN	15A	
13826		XA151	14										TKBACB	24	TM01BN	01	1	TDD	DN	09A	
13827		XA148	42		XA148	30			168	9			TKBLEA	01	TBLE2N	01	1	TDD	EN	20A	
13828		XA148	30		XA148	26			168	9			TKBLEA	02	TBLE3N	01	1	TDD	FN	15A	
13829		XA148	26		XA148	14			168	9			TKBLEA	03	TBLE0N	01	1	TDD	CN	14A	
13830		XA148	14		XA122	04			168	9			TKBLEA	04	TBLE1N	01	1	TDD	DN	09A	
13831		XA122	04										TKBLEA	05	TKBLEA	00	1	TT3	A1	04A	CLK FOR TBLE REG
13832		XA116	04		XA122	07			168	9			TKC030	01	TKA03A	01	1	TQ2	A2	04A	
13833		XA122	07										TKC030	02	TKC030	00	1	TT3	A2	03A	CONT CLK ADD REG
13834		XA115	06		XA116	07			168	9			TKC460	01	TKC460	00	1	TQ2	A1	05A	CONT CLK, ADD REG
									****				SIGNAL	{TKC460}				IS ON THE	NEXT PAGE	****	

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	PREFIX	CONNECTOR	PIN	SN/F	PREFIX	CONNECTOR	PIN	SN/F	MULTI GROUP	CODE	COLOR	IDENT												WIRE
13835		XA116	07										TKC460	02	TKA46A	01	2	TQ2	A3		03A			
13836		XA207	26		XA207	18				16B	9		TKDAA0	01	TK290A	01	2	TQ2	B1		14A			
13837		XA207	18		XA207	19				16B	9		TKDAA0	02	TK300A	01	1	TQ2	B2		10A			
13838		XA207	19		XA207	13				16B	9		TKDAA0	03	TK310A	01	2	TQ2	B3		09B			
13839		XA207	13		XA207	03				16B	9		TKDAA0	04	TK280A	01	2	TQ2	A4		06B			
13840		XA207	03		XA207	08				16B	9		TKDAA0	05	TK270A	01	1	TQ2	A3		02A			
13841		XA207	08		XA207	04				16B	9		TKDAA0	06	TK250A	01	1	TQ2	A1		06A			
13842		XA207	04		XA116	14				16B	9		TKDAA0	07	TK260A	01	1	TQ2	A2		04A			
13843		XA116	14										TKDAA0	08	TKDAA0	00	1	TQ2	B2		09A	CONT DEV ADD TO		
13844		XA341	03		XA339	09				16B	9		TKICBP	01	TK011A	01	1	TQ2	A3		02A			
13845		XA339	09										TKICBP	02	TKICBP	00	1	TDD	BP		04B	IOC STEP MODE CO		
13846		XA340	04		XA339	04				16B	9		TKIC1A	01	TKIC1A	00	1	TT3	A1		04A	STOP IOC CLK		
13847		XA339	04										TKIC1A	02	TKICBP	01	1	TDD	BP		04A			
13848		XA205	52		XA116	22				16B	9		TKMBCA	01	TKMBC0	01	1	THI	D1		26A			
13849		XA116	22										TKMBCA	02	TKMBCA	00	1	TQ2	B1		12A	CONT MEM BANK AD		
13850		XA332	70		XA332	64				16B	9		TKMBC0	01	TK211A	01	2	TQ2	E1		33A			
13851		XA332	64		XA332	59				16B	9		TKMBC0	02	TK221A	01	2	TQ2	E2		30A			
13852		XA332	59		XA332	55				16B	9		TKMBC0	03	TK241A	01	1	TQ2	E4		31B			
13853		XA332	55		XA205	54				16B	9		TKMBC0	04	TK231A	01	2	TQ2	E3		29B			
13854		XA205	54										TKMBC0	05	TKMBC0	00	1	THI	D1		25A	CONT MEM BANK AD		
13855		XA206	15		XA116	24				16B	9		TKMEB0	01	TKMEB0	00	1	TT3	A3		07B	MEM ERROR PE O		
13856		XA116	24										TKMEB0	02	TKMBCA	01	1	TQ2	B1		13A			
13857		XA149	14		XA148	46				16B	9		TKM1BA	01	TKM1BA	00	1	TQ2	B2		09A	M1 AND CLK		
13858		XA148	46										TKM1BA	02	TMO2BN	01	1	TDD	HN		21A			
13859		XA151	01		XA151	10				16B	9		TKRC2A	01	TMTC2N	01	1	TDD	BN		02B			
13860		XA151	10		XA148	10				16B	9		TKRC2A	02	TMTC0N	01	1	TDD	AN		07A			
13861		XA148	10		XA148	01				16B	9		TKRC2A	03	TMTC1N	01	1	TDD	AN		07A			
13862		XA148	01		XA139	08				16B	9		TKRC2A	04	TMTC3N	01	1	TDD	BN		02B			
13863		XA139	08										TKRC2A	05	TKRC2A	00	1	THI	A2		04A	MEM TIME OUT COU		
13864		XA324	72		XA210	68				16B	9		TKTSA0	01	TKTSA0	00	1	THI	F4		34A	KW/TW SELECT-ADD		
13865		XA210	68		XA213	38				16B	9		TKTSA0	02	TD257A	01	1	TQ2	E1		32A			
13866		XA213	38		XA109	03				16B	9		TKTSA0	03	TD267A	01	1	THI	C1		20A			
13867		XA109	03		XA109	05				16B	9		TKTSA0	04	TD217A	01	1	TQ2	A3		02A			
13868		XA109	05		XA109	11				16B	9		TKTSA0	05	TD207A	01	2	TQ2	A2		03B			
13869		XA109	11		XA109	17				16B	9		TKTSA0	06	TD227A	01	1	TQ2	A4		05B			
13870		XA109	17		XA109	20				16B	9		TKTSA0	07	TD297A	01	1	TQ2	B3		08B			
13871		XA109	20		XA109	26				16B	9		TKTSA0	08	TD247A	01	2	TQ2	B2		11A			
13872		XA109	26		XA134	62				16B	9		TKTSA0	09	TD237A	01	2	TQ2	B1		14A			
13873		XA134	62										TKTSA0	10	TD307A	01	3	TT3	E2		29A			
13874		XA205	46		XA114	79				16B	9		TKTSBA	01	TKTSBA	00	1	THI	D4		22B	S1.BRST+S3+S20+S		
										****		SIGNAL	(TKTSBA)		IS ON THE									

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RECORD NUMBER	FROM			TO			WIRE				SIGNAL	SPQ NO	EQUATION	TERM	FAC	CAT	TYPE	SNO	LOAD OR POWER PLANE	TEST POINTS (ANALOG)	SIGNAL DESCRIPTION	ECO NO
	PREFIX	CONNECTOR	PIN	PREFIX	CONNECTOR	PIN	MULTI GROUP	CODE	CGIDR	IDENT												
13875		XA114	79									TKTSBA	02	TD0150	01	8	TS8	F1		39B		
13876		XA115	20		XA205	41		16B	9			TKTSB0	01	TKTS0A	01	2	TQ2	B2		11A		
13877		XA205	41		XA330	35		16B	9			TKTSB0	02	TKTSBA	01	1	THI	D4		23B		
13878		XA330	35									TKTSB0	03	TKTSB0	00	1	TS8	C1		17B		KW/TW SELECT -AD
13879		XA115	14		XA138	25		16B	9			TKTS0A	01	TKTS0A	03	1	TQ2	B2		09A		KW/TW SELECT-ADD
13880		XA138	25		XA134	69		16B	9			TKTS0A	02	TBMAA0	01	2	TQ2	B4		12B		
13881		XA134	69		XA247	26		16B	9			TKTS0A	03	TD0250	01	1	TT3	F3		35A		
13882		XA247	26		XA334	01		16B	9			TKTS0A	04	TDC010	01	8	TS8	B1		14A		
13883		XA334	01		XA334	25		16B	9			TKTS0A	05	TDC420	01	1	TS8	A1		02B		
13884		XA334	25		XA334	40		16B	9			TKTS0A	06	TDC610	01	7	TS8	B1		12B		
13885		XA334	40		XA334	54		16B	9			TKTS0A	07	TDC620	01	7	TS8	C1		19A		
13886		XA334	54		XA324	74		16B	9			TKTS0A	08	TDC820	01	7	TS8	D1		25A		
13887		XA324	74									TKTS0A	09	TKTSA0	01	1	THI	F4		35A		
13888		XA334	50		XA334	31		16B	9			TKWXA0	01	TDC820	01	5	TS8	D1		23A		
13889		XA334	31		XA334	18		16B	9			TKWXA0	02	TDC620	01	2	TS8	C1		15B		
13890		XA334	18		XA334	04		16B	9			TKWXA0	03	TDC610	01	2	TS8	B1		10A		
13891		XA334	04		XA247	18		16B	9			TKWXA0	04	TDC420	01	2	TS8	A1		04A		
13892		XA247	18		XA115	21		16B	9			TKWXA0	05	TDC010	01	2	TS8	B1		10A		
13893		XA115	21									TKWXA0	06	TKWXA0	00	1	TQ2	B3		10B		KEYWORD XFER CON
13894		XA146	36		XA142	26		16B	9			TKWXA0	01	TBLDAA	01	2	TQ2	C2		17A		
13895		XA142	26		XA122	15		16B	9			TKWXA0	02	TMFTAA	01	2	TQ2	B1		14A		
13896		XA122	15		XA115	19		16B	9			TKWXA0	03	TKWXA0	00	1	TT3	A3		07B		KEYWORD TRANSFER
13897		XA115	19		XA320	04		16B	9			TKWXA0	04	TKWXA0	01	2	TQ2	B3		09B		
13898		XA320	04		XA319	33		16B	9			TKWXA0	05	TCATCA	01	1	TQ2	A2		04A		
13899		XA319	33		XA323	36		16B	9			TKWXA0	06	TCAM6A	01	1	TT3	C3		16B		
13900		XA323	36		XA308	42		16B	9			TKWXA0	07	TCAM1A	01	4	TD4	C2		17A		
13901		XA308	42		XA308	26		16B	9			TKWXA0	08	TCAM5A	01	4	TD4	C1		20A		
13902		XA308	26		XA308	20		16B	9			TKWXA0	09	TCAM3A	01	4	TD4	B1		14A		
13903		XA308	20		XA308	01		16B	9			TKWXA0	10	TCAM4A	01	4	TD4	B2		11A		
13904		XA308	01									TKWXA0	11	TCAM2A	01	1	TD4	A2		02B		
13905		XA350	59		XA350	53		16B	9			TKWXB0	01	TBLT3A	01	1	TQ2	E4		31B		
13906		XA350	53		XA350	47		16B	9			TKWXB0	02	TBLT2A	01	1	TQ2	E3		28B		
13907		XA350	47		XA350	43		16B	9			TKWXB0	03	TBLT1A	01	1	TQ2	D4		25B		
13908		XA350	43		XA219	76		16B	9			TKWXB0	04	TBLTAA	01	2	TQ2	D3		23B		
13909		XA219	76		XA218	70		16B	9			TKWXB0	05	TCAT4A	01	1	TQ2	F4		37A		
13910		XA218	70		XA218	62		16B	9			TKWXB0	06	TCAT2A	01	2	TQ2	E1		33A		
13911		XA218	62		XA218	53		16B	9			TKWXB0	07	TCAT3A	01	1	TQ2	E2		29A		
13912		XA218	53		XA218	49		16B	9			TKWXB0	08	TCAT5A	01	1	TQ2	E3		28B		
13913		XA218	49		XA122	20		16B	9			TKWXB0	09	TCAT1A	01	2	TQ2	D4		26B		
13914		XA122	20									TKWXB0	10	TKWXB0	00	1	TT3	B1		11A		KEYWORD XFER CON
13915		XA122	13		XA122	26		16B	9			TKWX1A	01	TKWXAO	01	3	TT3	A3		06B		
13916		XA122	26		XA114	35		16B	9			TKWX1A	02	TKWXB0	01	3	TT3	B1		14A		
13917		XA114	35									TKWX1A	03	TKWX1A	00	1	TS8	C1		17B		KEYWORD XFER CON
**** SIGNAL (TKWX2A) IS ON THE NEXT PAGE ****																						

DRAWING NUMBER 149019-800
 UNIT ASSEMBLY NAME CARD CAGE ASSY, I/O UNIT

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UNIT ASSEMBLY NO. 149019
 FILE IDENT T39BIUX2

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RECORD NUMBER	FROM			SPT ID	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												
13918		XA122	11		XA122	24			16B	9		TKWX2A	01	TKWXAO	01	2	TT3	A3		05B			
13919		XA122	24		XA115	27			16B	9		TKWX2A	02	TKWXBO	01	2	TT3	B1		13A			
13920		XA115	27									TKWX2A	03	TKWX2A	00	1	TQ2	B4		13B	KEYWORD XFER CONT		
13921		XA238	69		XA341	05			16B	9		TK00BP	01	TK00BP	00	1	TDD	MP		35A	CTS READ TAREG		
13922		XA341	05									TK00BP	02	TK010A	01	2	TQ2	A2		03B			
13923		XA305	14		XA340	06			16B	9		TK00BQ	01	TI22XA	01	1	TD4	B2		09A			
13924		XA340	06		XA238	74			16B	9		TK00BQ	02	TKIC1A	01	1	TT3	A1		05A			
13925		XA238	74									TK00BQ	03	TK00BQ	00	1	TDD	MQ		35B	IOC CLK GENERATO		
13926		XA238	73		XA339	01			16B	9		TK000A	01	TK00BP	01	1	TDD	MP		36B			
13927		XA339	01		XA341	06			16B	9		TK000A	02	TKICBN	01	1	TDD	BN		02B			
13928		XA341	06									TK000A	03	TK000A	00	1	TQ2	A1		05A	IOC IN STATE STE		
13929		XA238	71		XA339	11			16B	9		TK01BP	01	TK00BI	01	1	TDD	MI		36A			
13930		XA339	11		XA338	53			16B	9		TK01BP	02	TK01BP	00	1	TDD	AP		05B	IOC CLK GEN BIT		
13931		XA338	53		XA338	59			16B	9		TK01BP	03	TK3DAA	01	1	TQ2	E3		28B			
13932		XA338	59		XA338	62			16B	9		TK01BP	04	TK4DAA	01	1	TQ2	E4		31B			
13933		XA338	62		XA414	48			16B	9		TK01BP	05	TK2DAA	01	1	TQ2	E2		29A			
13934		XA414	48									TK01BP	06	TPUSAA	01	3	TT3	D2		22A			
13935		XA335	68		XA335	62			16B	9		TK01BQ	01	TK1DA0	01	1	TQ2	E1		32A			
13936		XA335	62		XA335	59			16B	9		TK01BQ	02	TK2DA0	01	1	TQ2	E2		29A			
13937		XA335	59		XA339	13			16B	9		TK01BQ	03	TK4DA0	01	1	TQ2	E4		31B			
13938		XA339	13		XA340	10			16B	9		TK01BQ	04	TK01BQ	00	1	TDD	AQ		06B			
13939		XA340	10		XA341	04			16B	9		TK01BQ	05	TKIC1A	01	3	TT3	A1		07A			
13940		XA341	04									TK01BQ	06	TK010A	01	1	TQ2	A2		04A			
13941		XA341	01		XA339	08			16B	9		TK010A	01	TK010A	00	1	TQ2	A2		02B	SET CLK GEN BIT		
13942		XA339	08									TK010A	02	TK01BI	01	1	TDD	AI		06A			
13943		XA339	15		XA341	09			16B	9		TK011A	01	TK01BQ	01	1	TDD	AQ		07B			
13944		XA341	09									TK011A	02	TK011A	00	1	TQ2	A3		04B	STEP MODE . IOC		
07969		XA433	23		XA115	40			16B	9		TK07BP	01	TK07BP	00	1	TDD	CP		11B		C10	
13948		XA115	40									TK07BP	02	TK070A	01	1	TQ2	C1		19A		C10	
04953		XA122	34		XA115	38			16B	9		TK070A	01	KMR07S	01	3	TT3	C2		16A		C10	
13946		XA115	38									TK070A	02	TK070A	00	1	TQ2	C1		18A	(S0+S21) INPUT PC	C10	
13945		XA116	20		XA137	15			16B	9		TK080A	01	TKDAA0	01	2	TQ2	B2		11A		C10	
07849		XA137	15		XA306	26			16B	9		TK080A	02	TK080A	00	1	TT3	A3		07B		C10	
13947		XA306	26									TK080A	03	KMR08S	01	3	TT3	B1		14A			
05098		XA137	09		XA116	06			16B	9		TK0810	01	TK080A	01	1	TT3	A3		04B		C10	
13949		XA116	06									TK0810	02	TK0810	00	1	TQ2	A1		05A			
13950		XA306	17		XA319	74			16B	9		TK090A	01	KMR09S	01	2	TT3	B2		08B			
07896		XA319	74									TK090A	02	TK090A	00	1	TT3	F2		35B			

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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	SHLD	MULTI GROUP	CODE	COLOR													IDENT
04068 05599		XA213 XA319	30 72		XA319	72			16B	9		TK091A TK091A	01 02	TK091A TK090A	00 01	1 3	THI TT3	C4 F2		14B 34A		C01 C01	
20562 07883		XA213 XA214	29 45		XA214	45			16B	9		TK0910 TK0910	01 02	TK091A TK0910	01 00	1 1	THI TQ2	C4 D3		15B 24B		C01 C01	
13952		XA338	06									J TK1AAA	01	TK1AAA	00	1	TQ2	A1		05A	TKBAAB	BUSS	
13953		XA335	06									J TK1AA0	01	TK1AA0	00	1	TQ2	A1		05A	TKAAAB	BUSS	
13954		XA338	01									J TK1ABA	01	TK1ABA	00	1	TQ2	A2		02B	TKBABB	BUSS	
13955		XA335	01									J TK1AB0	01	TK1AB0	00	1	TQ2	A2		02B	TKAABB	BUSS	
13956		XA338	09									J TK1ACA	01	TK1ACA	00	1	TQ2	A3		04B	TKBACB	BUSS	
13957		XA335	09									J TK1AC0	01	TK1AC0	00	1	TQ2	A3		04B	TKAACB	BUSS	
13958		XA335	66									J TK1DA0	01	TK1DA0	00	1	TQ2	E1		31A	TKABAB	BUSS	
13959 13960		XA332 XA306	06 21		XA306	21			16B	9		TK100A TK100A	01 02	TK100A KMR10S	00 01	1 1	TQ2 TT3	A1 B3		05A 10B	S21.ACC VIL		
13961 13962		XA306 XA332	42 01		XA332	01			16B	9		TK110A TK110A	01 02	KMR11S TK110A	01 00	3 1	TT3 TQ2	C1 A2		20A 02B	S21.BASE MEM PE		
13963 13964		XA332 XA306	09 29		XA306	29			16B	9		TK120A TK120A	01 02	TK120A KMR12S	00 01	1 1	TQ2 TT3	A3 C2		04B 14B	S21.DATA MEM PE		
13965 13966		XA306 XA332	35 15		XA332	15			16B	9		TK130A TK130A	01 02	KMR13S TK130A	01 00	2 1	TT3 TQ2	C3 A4		17B 07B	S21.MEM TIME OUT	C10	
13968 13969 13970		XA215 XA308 XA306	59 46 41		XA308 XA306	46 41			16B 16B	9 9		TK150A TK150A TK150A	01 02 03	TK150A TRCMR0 KMR15S	00 01 01	1 2 1	TS8 TD4 TT3	E1 D2 D2		31B 21A 22B	PROGRAM TIME OUT		
05094 07828		XA122 XA115	37 51		XA115	51			16B	9		TK160A TK160A	01 02	KMR16S TK160A	01 00	3 1	TT3 TQ2	C3 D4		18B 27B		C10 C10	
13971		XA338	22									J TK2AAA	01	TK2AAA	00	1	TQ2	B1		12A	TKBAAB	BUSS	
13972		XA335	22									J TK2AA0	01	TK2AA0	00	1	TQ2	B1		12A	TKAAAB	BUSS	
13973		XA338	14									J TK2ABA	01	TK2ABA	00	1	TQ2	B2		09A	TKBABB	BUSS	
13974		XA335	14									J TK2AB0	01	TK2AB0	00	1	TQ2	B2		09A	TKAABB	BUSS	
13975		XA338	21									J TK2ACA	01	TK2ACA	00	1	TQ2	B3		10B	TKBACB	BUSS	

DRAWING NUMBER UNIT ASSEMBLY NAME		STRING											UNIT ASSEMBLY NO. FILE IDENT		REV DATE		INDEX PAGE							
149019-800 CARD CAGE ASSY, I/O UNIT													149019 T398IUX2		G 09-03-82		TK2ACA 242							
RECORD NUMBER	FROM				TO				WIRE				SFC INST MISC	SIGNAL	SEC NO	EQUATION	TERM FACTOR	CKT OF CHIP TYPE	GROUP	L222 UP POWER PLANT	TEST POINTS AND/OR	SIGNAL DESCRIPTION	ESD NO	
	PREFIX	CONNECTOR	PIN	SN PG	PREFIX	CONNECTOR	PIN	SN PG	MULTI GROUP	CODE	COLOR	IDENT												
13976		XA335	21										J	TK2AC0	01	TK2AC0	00	1	TQ2	B3		10B	TKAACB BUSS	
13977		XA338	60										J	TK2DAA	01	TK2DAA	00	1	TQ2	E2		28A	TKACAB BUSS	
13978		XA335	60										J	TK2DA0	01	TK2DA0	00	1	TQ2	E2		28A	TKABAB BUSS	
13979		XA332	66		XA308	61				16B	9			TK211A	01	TK211A	00	1	TQ2	E1		31A	TC TO KM MEM BAN	
13980		XA308	61											TK211A	02	KMR21S	01	1	TQ4	E1		32B		
13981		XA308	55		XA332	60				16B	9			TK221A	01	KMR22S	01	1	TD4	E2		29B		
13982		XA332	60											TK221A	02	TK221A	00	1	TQ2	E2		28A	TC TO KM MEM BAN	
13983		XA332	57		XA308	77				16B	9			TK231A	01	TK231A	00	1	TQ2	E3		30B	TC TO KM MEM BAN	
13984		XA308	77											TK231A	02	KMP23S	01	2	TD4	F1		38B		
13985		XA308	72		XA332	63				16B	9			TK241A	01	KMR24S	01	2	TD4	F2		34A		
13986		XA332	63											TK241A	02	TK241A	00	1	TQ2	E4		33B	TC TO KM MEM BAN	
13987		XA207	06		XA306	47				16B	9			TK250A	01	TK250A	00	1	TQ2	A1		05A	TA TO KM DEV ADD	
13988		XA306	47											TK250A	02	KMR25S	01	2	TT3	D3		25B		
13989		XA306	70		XA207	01				16B	9			TK260A	01	KMR26S	01	3	TT3	E1		33A		
13990		XA207	01											TK260A	02	TK260A	00	1	TQ2	A2		02B	TA TO KM DEV ADD	
13991		XA207	09		XA306	60				16B	9			TK270A	01	TK270A	00	1	TQ2	A3		04B	TA TO KM DEV ADD	
13992		XA306	60											TK270A	02	KMR27S	01	2	TT3	E2		28A		
13993		XA306	57		XA207	15				16B	9			TK280A	01	KMP28S	01	1	TT3	E3		30B		
13994		XA207	15											TK280A	02	TK280A	00	1	TQ2	A4		07B	TA TO KM DEV ADD	
13995		XA207	22		XA306	77				16B	9			TK290A	01	TK290A	00	1	TQ2	B1		12A	TA TO KM DEV ADD	
13996		XA306	77											TK290A	02	KMR29S	01	2	TT3	F1		38B		
13997		XA338	38										J	TK3AAA	01	TK3AAA	00	1	TQ2	C1		18A	TKBAAB BUSS	
13998		XA335	38										J	TK3AA0	01	TK3AA0	00	1	TQ2	C1		18A	TKAAAB BUSS	
13999		XA338	30										J	TK3ABA	01	TK3ABA	00	1	TQ2	C2		15A	TKBABB BUSS	
14000		XA335	30										J	TK3AB0	01	TK3AB0	00	1	TQ2	C2		15A	TKAABB BUSS	
14001		XA338	33										J	TK3ACA	01	TK3ACA	00	1	TQ2	C3		16B	TKBACB BUSS	
14002		XA335	33										J	TK3AC0	01	TK3AC0	00	1	TQ2	C3		16B	TKAACB BUSS	
14003		XA338	57										J	TK3DAA	01	TK3DAA	00	1	TQ2	E3		30B	TKACAB BUSS	
14004		XA306	71		XA207	14				16B	9			TK300A	01	KMR30S	01	2	TT3	F2		36A		
												****	SIGNAL (TK300A)	IS ON THE NEXT PAGE ****										

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RECORD NUMBER	FROM			TO			WIRE					SIGNAL	SEQ NO	EQUATION	TERM	FACTOR	CKT OR CHIP TYPE	GROUP	LOAD OR POWER PLANE	TEST POINTS		SIGNAL DESCRIPTION	ECO NO
	PREFIX	CONNECTOR	PIN	PREFIX	CONNECTOR	PIN	SH FT	MULTI GROUP	CODE	COLOR	IDENT									AND	OR		
14005		XA207	14									TK300A	02	TK300A	00	1	TQ2	B2		09A		TA TO KM DEV ADD	
14006		XA207	21		XA306	69			16B	9		TK310A	01	TK310A	00	1	TQ2	B3		10B		TA TO KM DEV ADD	
14007		XA306	69									TK310A	02	KMR31S	01	1	TT3	F3		35A			
14008		XA338	52								J	TK4AAA	01	TK4AAA	00	1	TQ2	D1		24A		TKBAAB BUSS	
14009		XA335	52								J	TK4AAO	01	TK4AAO	00	1	TQ2	D1		24A		TKAAAB BUSS	
14010		XA338	46								J	TK4ABA	01	TK4ABA	00	1	TQ2	D2		21A		TKBABB BUSS	
14011		XA335	46								J	TK4ABO	01	TK4ABO	00	1	TQ2	D2		21A		TKAABB BUSS	
14012		XA338	45								J	TK4ACA	01	TK4ACA	00	1	TQ2	D3		24B		TKBACB BUSS	
14013		XA335	45								J	TK4ACO	01	TK4ACO	00	1	TQ2	D3		24B		TKAACB BUSS	
14014		XA338	63								J	TK4DAA	01	TK4DAA	00	1	TQ2	E4		33B		TKACAB BUSS	
14015		XA335	63								J	TK4DAO	01	TK4DAO	00	1	TQ2	E4		33B		TKABAB BUSS	
14016		XA224	76		XA350	39			16B	9		TLUCAA	01	TLUGAO	01	1	TQ2	F4		37A			
14017		XA350	39		XA146	62			16B	9		TLUCAA	02	TLUCAA	00	1	TQ2	C4		19B		DEC + BOOTSTRAP	
14018		XA146	62									TLUCAA	03	TDE0FO	01	1	TQ2	E2		29A			
14019		XA225	31		XA225	35			16B	9		TLUGAO	01	TF006A	01	2	TQ2	C3		15B			
14020		XA225	35		XA225	48			16B	9		TLUGAO	02	TF016A	01	1	TQ2	C4		17B			
14021		XA225	48		XA225	54			16B	9		TLUGAO	03	TF036A	01	1	TQ2	D2		22A			
14022		XA225	54		XA225	62			16B	9		TLUGAO	04	TF026A	01	1	TQ2	D1		25A			
14023		XA225	62		XA225	68			16B	9		TLUGAO	05	TF056A	01	1	TQ2	E2		29A			
14024		XA225	68		XA225	71			16B	9		TLUGAO	06	TF046A	01	1	TQ2	E1		32A			
14025		XA225	71		XA225	79			16B	9		TLUGAO	07	TF076A	01	1	TQ2	F2		36A			
14026		XA225	79		XA224	80			16B	9		TLUGAO	08	TF066A	01	2	TQ2	F1		39B		TD16-23 TO TE00-	
14027		XA224	80									TLUGAO	09	TLUGAO	00	1	TQ2	F4		39A			
14028		XA141	04		XA142	03			16B	9		TMC1BP	01	TMC210	01	1	TQ2	A2		04A			
14029		XA142	03		XA142	10			16B	9		TMC1BP	02	TMC22A	01	1	TQ2	A3		02A			
14030		XA142	10		XA143	21			16B	9		TMC1BP	03	TMC11A	01	2	TQ2	A1		07A			
14031		XA143	21									TMC1BP	04	TMC1BP	00	1	TDD	DP		10B		RESET,ADD ACK.CL	
14032		XA145	69		XA145	62			16B	9		TMC1BQ	01	TMC3AA	01	1	TT3	F3		35A			
14033		XA145	62		XA145	61			16B	9		TMC1BQ	02	TMC12A	01	3	TT3	E2		29A			
14034		XA145	61		XA143	19			16B	9		TMC1BQ	03	TMC13A	01	3	TT3	E3		32B			
14035		XA143	19									TMC1BQ	04	TMC1BQ	00	1	TDD	DQ		09B			
14036		XA140	10		XA142	06			16B	9		TMC11A	01	TMC110	01	2	TQ2	A1		07A			
14037		XA142	06									TMC11A	02	TMC11A	00	1	TQ2	A1		05A		TMC1*(M4 + TMNS	
14038		XA143	18		XA140	06			16B	9		TMC110	01	TMC1BI	01	1	TDD	DI		10A			
14039		XA140	06									TMC110	02	TMC110	00	1	TQ2	A1		05A		TMC1*(M4+ TMNS0)	

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 UNIT ASSEMBLY NAME CARD CAGE ASSY, I/O UNIT

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RECORD NUMBER	FROM				TO				WIRE				SIGNAL	SFO NO	EQUATION	F.C.B.A.	FACTOR	INT OR CHIP TYPE	SWAY	LOAD OR POWER PLANE	TEST POINTS AND SP	SIGNAL DESCRIPTION	SFO NO	
	PREFIX	CONNECTOR	PIN	SH TO	PREFIX	CONNECTOR	PIN	SH TO	MULTI GROUP	CODE	COL. IN	IDENT												
14040 14041		XA206 XA145	54 55			XA145	55							TMC12A TMC12A	01 02	TSN110 TMC12A	01 00	2 1	TT3 TT3	D1 E2	25A 29B		MEM COUNT 1. M02	
14042 14043		XA145 XA206	63 52			XA206	52							TMC13A TMC13A	01 02	TMC13A TSN110	00 01	1 1	TT3 TT3	E3 D1	33B 24A		MEM COUNT 1. M04	
14044 14045 14046		XA145 XA145 XA143	57 53 35			XA145 XA143	53 35							TMC2BP TMC2BP TMC2BP	01 02 03	TMC13A TMC12A TMC2BP	01 01 00	1 1 1	TT3 TT3 TDD	E3 E2 EP	30B 28B 17B		RESET ADD ACK.CL	
14047 14048 14049		XA142 XA143 XA145	07 37 76			XA143 XA145	37 76							TMC2BQ TMC2BQ TMC2BQ	01 02 03	TMC22A TMC2BQ TMC3AA	01 00 01	2 1 2	TQ2 TDD TT3	A3 EQ F3	03A 18B 37A		PRESET INPUT	
14050 14051		XA143 XA141	40 01			XA141	01							TMC210 TMC210	01 02	TMC2B1 TMC210	01 00	1 1	TDD TQ2	E1 A2	19A 02B		TMC1 + TMC1*.2	
14052 14053		XA141 XA142	05 09			XA142	09							TMC22A TMC22A	01 02	TMC210 TMC22A	01 00	2 1	TQ2 TQ2	A2 A3	03B 04B		TMC2 REMAIN SET	
14054 14055		XA145 XA141	80 74			XA141	74							TMC3AA TMC3AA	01 02	TMC3AA TMC3A0	00 01	1 2	TT3 TQ2	F3 F3	39A 35B		COUNT 3 OSC.*	
14056 14057 14058		XA135 XA141 XA149	50 69 48			XA141 XA149	69 48							TMC3A0 TMC3A0 TMC3A0	01 02 03	TMC4AA TMC3A0 TM4DSA	01 00 01	1 1 1	THI TQ2 TQ2	D3 F3 D2	22A 35A 22A		COUNT 1-2-OSC-0	
14059 14060		XA113 XA135	66 48			XA135	48							TMC4AA TMC4AA	01 02	TSN1BP TMC4AA	01 00	1 1	TDD THI	JP D3	31A 21A		SET INPUT FOR ME	
14061 14062 14063		XA340 XA137 XA139	29 80 69			XA137 XA139	80 69							TMDAAA TMDAAA TMDAAA	01 02 03	TS133A TMDAAA TMDAA0	01 00 01	1 1 1	TT3 TT3 THI	C2 F3 F3	14B 39A 35B		ALARM MODE,D REG	
14064 14065		XA139 XA345	70 78			XA345	78							TMDAA0 TMDAA0	01 02	TMDAA0 TS071A	00 01	1 3	THI TD4	F3 F1	34B 38A		ALARM MODE,D REG	
14066 14067 14068 14069		XA207 XA407 XA407 XA407	27 31 35 36			XA407 XA407 XA407	31 35 36							TMDCAA TMDCAA TMDCAA TMDCAA	01 02 03 04	TMDCAA TMDCB0 TMDCCO TMDCAO	00 01 01 01	1 2 1 2	TQ2 TQ2 TQ2 TQ2	B4 C3 C4 C2	13B 15B 17B 17A		MEMORY ADD ACK.S	
14070 14071 14072 14073 14074 14075		XA422 XA422 XA422 XA422 XA422 XA422	08 04 03 11 17 18 18			XA422 XA422 XA422 XA422 XA422 XA422	04 03 11 17 18 24							TMDCAO TMDCAO TMDCAO TMDCAO TMDCAO TMDCAO	01 02 03 04 05 06	TD00SA TD01SA TD02SA TD03SA TD06SA TD05SA	01 01 01 01 01 01	1 1 1 1 1 1	TQ2 TQ2 TQ2 TQ2 TQ2 TQ2	A1 A2 A3 A4 B3 B2	06A 04A 02A 05B 08B 10A			
												****	SIGNAL	(TMDCAO)	IS ON THE NEXT PAGE ****									

DRAWING NUMBER 149019-800
UNIT ASSEMBLY NAME CARD CAGE ASSY, I/O UNIT

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UNIT ASSEMBLY NO. 149019
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RECORD NUMBER	FROM				TO				WIRE				SIGNAL	SEQ NO	EQUATION	TERM	FACTOR	CKT OR CHIP TYPE	GROUP	LOAD OR POWER PLANE	TEST POINTS AND/OR	SIGNAL DESCRIPTION	ECO NO		
	PREFIX	CONNECTOR	PIN	SN TO	PREFIX	CONNECTOR	PIN	SN TO	MULTI GROUP	CODE	COLOR	IDENT													
14076		XA422	24			XA422	23				16B	9			TMDCAO	07	TD04SA	01	1	TQ2	B1	13A			
14077		XA422	23			XA422	29				16B	9			TMDCAO	08	TD07SA	01	1	TQ2	B4	11B			
14078		XA422	29			XA422	34				16B	9			TMDCAO	09	TD10SA	01	1	TQ2	C3	14B			
14079		XA422	34			XA422	40				16B	9			TMDCAO	10	TD09SA	01	1	TQ2	C2	16A			
14080		XA422	40			XA407	30				16B	9			TMDCAO	11	TD08SA	01	1	TQ2	C1	19A			
14081		XA407	30												TMDCAO	12	TMDCAO	00	1	TQ2	C2	15A		MEMORY ADD ACKNO	
14093		XA422	77			XA422	71				16B	9			TMDCB0	00C	TD20SA	01	1	TQ2	F1	38B			
14094		XA422	71			XA422	68				16B	9			TMDCB0	005	TD21SA	01	1	TQ2	F2	36A			
14082		XA422	68			XA422	62				16B	9			TMDCB0	01	TD16SA	01	1	TQ2	E1	32A			
14083		XA422	62			XA422	59				16B	9			TMDCB0	02	TD17SA	01	1	TQ2	E2	29A			
14084		XA422	59			XA422	53				16B	9			TMDCB0	03	TD19SA	01	1	TQ2	E4	31B			
14085		XA422	53			XA422	54				16B	9			TMDCB0	04	TD18SA	01	1	TQ2	E3	28B			
14086		XA422	54			XA422	48				16B	9			TMDCB0	05	TD12SA	01	1	TQ2	D1	25A			
14087		XA422	48			XA422	47				16B	9			TMDCB0	06	TD13SA	01	1	TQ2	D2	22A			
14088		XA422	47			XA422	41				16B	9			TMDCB0	07	TD15SA	01	1	TQ2	D4	25B			
14089		XA422	41			XA422	35				16B	9			TMDCB0	08	TD14SA	01	1	TQ2	D3	22B			
14090		XA422	35			XA407	33				16B	9			TMDCB0	09	TD11SA	01	1	TQ2	C4	17B			
14091		XA407	33												TMDCB0	10	TMDCB0	00	1	TQ2	C3	16B		MEM ADD ACK.SYNC	
14092		XA422	76			XA422	65				16B	9			TMDCCO	01	TD23SA	01	1	TQ2	F4	37A			
14095		XA422	65			XA423	11				16B	9			TMDCCO	04	TD22SA	01	1	TQ2	F3	34B			
14096		XA423	11			XA423	03				16B	9			TMDCCO	05	TD27SA	01	1	TQ2	A4	05B			
14097		XA423	03			XA423	04				16B	9			TMDCCO	06	TD26SA	01	1	TQ2	A3	02A			
14098		XA423	04			XA423	08				16B	9			TMDCCO	07	TD25SA	01	1	TQ2	A2	04A			
14099		XA423	08			XA423	18				16B	9			TMDCCO	08	TD24SA	01	1	TQ2	A1	06A			
14100		XA423	18			XA423	17				16B	9			TMDCCO	09	TD29SA	01	1	TQ2	B2	10A			
14101		XA423	17			XA423	23				16B	9			TMDCCO	10	TD30SA	01	1	TQ2	B3	08B			
14102		XA423	23			XA423	24				16B	9			TMDCCO	11	TD31SA	01	1	TQ2	B4	11B			
14103		XA423	24			XA423	40				16B	9			TMDCCO	12	TD28SA	01	1	TQ2	B1	13A			
14104		XA423	40			XA407	39				16B	9			TMDCCO	13	TD32SA	01	1	TQ2	C1	19A			
14105		XA407	39												TMDCCO	14	TMDCCO	00	1	TQ2	C4	19B		MEM ADD ACK.SYNC	
14106		XA206	19			XA151	29				16B	9			TMDSAA	01	TMDSAA	00	1	TT3	B2	09B		DATA STROBE .M2.	
14107		XA151	29												TMDSAA	02	TM03BQ	01	1	TDD	FQ	14B			
14108		XA137	74			XA139	74				16B	9			TMZAA	01	TMZAA	00	1	TT3	F2	35B		INACTIVE MODE D	
14109		XA139	74			XA146	34				16B	9			TMZAA	02	TMZAO	01	1	TH1	F4	35A			
14110		XA146	34			XA349	71				16B	9			TMZAA	03	TBLDAA	01	1	TQ2	C2	16A			
14111		XA349	71												TMZAA	04	TS4M5A	01	1	TD4	F2	36A			
14112		XA349	54			XA350	41				16B	9			TMZAO	01	TS191A	01	3	TD4	D1	25A			
14113		XA350	41			XA139	72				16B	9			TMZAO	02	TBLTAA	01	1	TQ2	D3	22B			
14114		XA139	72			XA215	64				16B	9			TMZAO	03	TMZAO	00	1	TH1	F4	34A		MODE ZERO DECODE	
14115		XA215	64												TMZAO	04	TK150A	01	5	TS8	E1	30A			
14116		XA141	19			XA142	22				16B	9			TMFTAA	01	TMFTAO	01	2	TQ2	B3	09B			
14117		XA142	22												TMFTAA	02	TMFTAA	00	1	TQ2	B1	12A		MODE FIELD TRANS	
14118		XA328	78			XA327	56				16B	9			TMFTAO	01	TD111A	01	2	TQ2	F4	38A			
															****	SIGNAL (TMFTAO)		IS 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	REF ID	PREFIX	CONNECTOR	PIN	REF ID	MULTI-GROUP	CODE	COLOR	IDENT											
14119		XA327	56		XA327	48				168	9		TMFTA0	02	TD131A	01	3	TT3	D1		26A		
14120		XA327	48		XA219	71				168	9		TMFTA0	03	TD132A	01	3	TT3	D2		22A		
14121		XA219	71		XA141	21				168	9		TMFTA0	04	TD121A	01	1	TQ2	F2		36A		
14122		XA141	21										TMFTA0	05	TMFTA0	00	1	TQ2	B3		10B	MODE FIELD TRANS	
14123		XA418	27									J	TMHLCOX	01	TMHLCOX	00	1	DCF	B1		10B	YHLCCB4 BUSS	
14124		XA418	31		XA251	25				168	9		TMHLCQ	01	TMHLCOX	01	1	DCF	B2		12B		
14125		XA251	25										TMHLCQ	02	TMHLCQ	00	1	TDD	CQ		12B	MEM HOLD FF - SE	
14126		XA315	55		XA251	22				168	9		TMHRSA	01	TMHRSA	00	1	TT3	E2		29B	RESET MEM HOLD	
14127		XA251	22										TMHRSA	02	TMHLCP	01	1	TDD	CP		12A		
07890		XA304	39		XA251	27				168	9		TMHSTA	01	TMHSTA	00	1	TQ2	C4		19B		
14129		XA251	27										TMHSTA	02	TMHLCQ	01	1	TDD	CQ		13B		
14130		XA334	76		XA304	35				168	9		TMHSTO	01	TMHSTO	00	1	TS8	F1		37A	SET MEM HOLD FF	
05490		XA304	35										TMHSTO	02	TMHSTA	01	1	TQ2	C4		17B	D06	
14134		XA414	64		XA334	75				168	9		TMHS2A	01	TMHS2A	00	1	TT3	E1		30A	KW RESTORE - LE	
14135		XA334	75										TMHS2A	02	TMHSTO	01	5	TS8	F1		37B		
14136		XA351	63		XA334	72				168	9		TMHS4A	01	TMHS4A	00	1	TT3	E3		33B	COMPUTER TERMINA	
14137		XA334	72										TMHS4A	02	TMHSTO	01	2	TS8	F1		34A		
07824		XA113	11		XA112	73				168	9		TMINHP	01	TMINHP	00	1	TDD	AP		05B	C10	
04908		XA112	73		XA115	42				168	9		TMINHP	02	TS211A	01	2	TQ2	F2		36B	C10	
13416		XA115	42		XA137	13				168	9		TMINHP	03	TK070A	01	2	TQ2	C1		20A	C10	
04957		XA137	13										TMINHP	04	TK080A	01	3	TT3	A3		06B	C10	
04875		XA115	49		XA113	13				168	9		TMINHQ	01	TK160A	01	2	TQ2	D4		26B	C10	
07825		XA113	13										TMINHQ	02	TMINHQ	00	1	TDD	AQ		06B	C10	
14138		XA324	09		XA323	11				168	9		TMLLAA	01	TMLLAA	01	1	THI	A5		05B		
14139		XA323	11										TMLLAA	02	TMLLAA	00	1	TD4	A1		05B	TD24-31 TO TE00-	
14140		XA219	04		XA219	08				168	9		TMLLAA	01	TF017A	01	1	TQ2	A2		04A		
14141		XA219	08		XA219	18				168	9		TMLLAA	02	TF007A	01	1	TQ2	A1		06A		
14142		XA219	18		XA219	24				168	9		TMLLAA	03	TF037A	01	1	TQ2	B2		10A		
14143		XA219	24		XA219	34				168	9		TMLLAA	04	TF027A	01	1	TQ2	B1		13A		
14144		XA219	34		XA219	40				168	9		TMLLAA	05	TF057A	01	1	TQ2	C2		16A		
14145		XA219	40		XA219	48				168	9		TMLLAA	06	TF047A	01	1	TQ2	C1		19A		
14146		XA219	48		XA219	56				168	9		TMLLAA	07	TF077A	01	1	TQ2	D2		22A		
14147		XA219	56		XA324	07				168	9		TMLLAA	08	TF067A	01	2	TQ2	D1		26A		
14148		XA324	07										TMLLAA	09	TMLLAA	00	1	THI	A5		04B	TD24-31 TO TE00-	
14149		XA323	09		XA224	78				168	9		TMLUAA	01	TMLUAA	00	1	TD4	A2		05B	TD16-23 TO TE00-	
14150		XA224	78										TMLUAA	02	TLUGAA	01	2	TQ2	F4		36A		
20506		XA420	43									J	TMMICOX	01	TMMICOX	00	1	DCF	C7		25A	YMMICB BUSS	

DRAWING NUMBER		UNIT ASSEMBLY NAME										STRING		UNIT ASSEMBLY NO.		REV		INDEX							
149019-800		CARD CAGE ASSY, I/O UNIT												149019		G		TMMICDX							
FILE IDENT														T39BIUX2		DATE		PAGE							
														09-03-82		247									
RECORD NUMBER	FROM				TO				WIRE				SIGNAL	SEQ NO	EQUATION	TERM	FACTOR	CKT OR CHIP TYPE	GROUP	LOAD OR POWER PLANS	TEST POINTS AND/OR	SIGNAL DESCRIPTION	ECO NO		
	PREFIX	CONNECTOR	PIN	WIRE	PREFIX	CONNECTOR	PIN	WIRE	MULTI GROUP	CODE	COLOR	IDENT													
14151		XA115	33		XA418	71								TMPBB0	01	TMPBB0	00	1	TQ2	C3		16B	CONTROL WHICH PA		
14152		XA418	71											TMPBB0	02	TD32S0X	01	1	DCF	D2		34B			
14153		XA304	72		XA115	31								TMPB1A	01	TMPB1A	00	1	TQ2	F2		34A	PE P BIT TO BUSS		
14154		XA115	31											TMPB1A	02	TMPBB0	01	2	TQ2	C3		19B			
14155		XA206	27		XA115	29								TMPB2A	01	TMPB2A	00	1	TT3	B3		13B	PARITY D REG TO		
14156		XA115	29											TMPB2A	02	TMPBB0	01	1	TQ2	C3		14B			
14157		XA325	71		XA315	57								TMPEIA	01	TPEMAA	01	1	TD4	F2		36A			
14158		XA315	57		XA205	43								TMPEIA	02	TPEMBA	01	1	TT3	E3		30B			
14159		XA205	43											TMPEIA	03	TMPEIA	00	1	THI	D5		24B	CTS PE INH + BOO		
14160		XA205	45		XA115	39								TMPEIO	01	TMPEIA	01	1	THI	D5		25B			
14161		XA115	39											TMPEIO	02	TMPEIO	00	1	TQ2	C4		19B	CTS PE INH + BOO		
07829		XA116	21		XA115	37								TMPE2A	01	TMPE2A	00	1	TQ2	B3		10B			
09194		XA115	37											TMPE2A	02	TMPEIO	01	2	TQ2	C4		18B			
14162		XA423	75		XA432	75								TMPWAA	01	TMPWAA	00	1	TQ2	F1		37B	(MEMORY+CPU PWR		
14163		XA432	75											TMPWAA	02	TIL0BS	01	5	TS8	F1		37B			
14166		XA313	59		XA313	53								TMRCOA	01	KIR12D	01	1	TLD	E4		31B			
14167		XA313	53		XA115	52								TMRCOA	02	KIR11D	01	1	TLD	E3		28B			
14168		XA115	52											TMRCOA	03	TMRCOA	00	1	TQ2	D1		24A	MONITER REG TO T		
14169		XA244	06		XA115	46								TMRITA	01	TIYIMP	01	1	TDD	AP		05A			
14170		XA115	46											TMRITA	02	TMRITA	00	1	TQ2	D2		21A	MASTER RESET + I		
14171		XA122	19		XA115	50								TMRITO	01	TMRITO	00	1	TT3	B2		09B	MASTER RESET + I		
14172		XA115	50											TMRITO	02	TMRITA	01	2	TQ2	D2		23A			
14173		XA251	06		XA115	45								TMRMTA	01	TMTIMP	01	1	TDD	AP		05A			
14174		XA115	45											TMRMTA	02	TMRMTA	00	1	TQ2	D3		24B	MASTER RESET + M		
14175		XA122	27		XA115	41								TMRMTO	01	TMRMTO	00	1	TT3	B3		13B	MASTER RESET + M		
14176		XA115	41											TMRMTO	02	TMRMTA	01	1	TQ2	D3		22B			
06515		XA106	57		XA511	19								TMRRAD1	01				SHT						C03
14178		XA511	19		XA510	19								TMRRAD1	02	TMRUDD4	01	1	ACF	A2		08B			
14179		XA510	19		XA510	07								TMRRAD1	03	TMRUB04	01	1	ACF	A2		08B			
14180		XA510	07		XA510	08								TMRRAD1	04	TMRUAD4	01	1	ACF	A1		03A			
14181		XA510	08		XA318	73								TMRRAD1	05	TMRUC04	01	1	ACF	A3		05B			
14182		XA318	73											TMRRAD1	06				RR1	H2					
14183		XA421	11		XA318	75								TMRRAD4	01	TMRRAD4	00	1	ACF	A1		05A	IOU RESET = DDI +		
14184		XA318	75		XA106	59								TMRRAD4	02				RR1	H3					B05
06516		XA106	59											TMRRAD4	03				SHT						C03

DRAWING NUMBER 149019-800
UNIT ASSEMBLY NAME CARD CAGE ASSY, I/O UNIT

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RECORD NUMBER	FROM			TO			WIRE				SIGNAL	SEQ NO	EQUATION	TURNS	FACTOR	CMT OR CHIP TYPE	LOAD ON POWER PLANE	TEST POINTS (AND 3P)	SIGNAL DESCRIPTION	ECC NO	
	PREFIX	CONNECTOR	PIN	PREFIX	CONNECTOR	PIN	BRG	MULTI GROUP	CODE	COLOR											IDENT
09893		XA420	65								J	TMRSDDX	02	TMRSDDX	00	1	DCF	D1	32B	IOM ON LINE	D03
14186		XA207	53		XA108	13			16B	9		TMRUAA4	01	TMR770	01	1	TQ2	E3	28B		
14187		XA108	13		XA113	04			16B	9		TMRUAA4	02	TI3210	01	3	TT3	A3	06B		
14188		XA113	04		XA113	60			16B	9		TMRUAA4	03	TBST1P	01	1	TDD	BP	04A		
14189		XA113	60		XA113	22			16B	9		TMRUAA4	04	TSTRBN	01	1	TDD	KN	28A		C05
14191		XA113	22		XA113	20			16B	9		TMRUAA4	06	TBST2P	01	1	TDD	CP	12A		
14192		XA113	20		XA151	52			16B	9		TMRUAA4	07	TE08BP	01	1	TDD	DP	11A		D05
14430		XA151	52		XA151	50			16B	9		TMRUAA4	08	TM04BP	01	1	TDD	GP	24A		D05
14195		XA151	50		XA151	36			16B	9		TMRUAA4	10	TM05BP	01	1	TDD	HP	23A		
14196		XA151	36		XA151	20			16B	9		TMRUAA4	11	TM03BP	01	1	TDD	FP	17A		
14197		XA151	20		XA148	20			16B	9		TMRUAA4	12	TM01BP	01	1	TDD	DP	11A		
14198		XA148	20		XA148	22			16B	9		TMRUAA4	13	TBLE1P	01	1	TDD	DP	11A		
14199		XA148	22		XA148	36			16B	9		TMRUAA4	14	TBLE0P	01	1	TDD	CP	12A		
14200		XA148	36		XA148	38			16B	9		TMRUAA4	15	TBLE2P	01	1	TDD	FP	17A		
14201		XA148	38		XA148	70			16B	9		TMRUAA4	16	TBLE3P	01	1	TDD	EP	18A		
14202		XA148	70		XA143	66			16B	9		TMRUAA4	17	TBRSTN	01	1	TDD	JN	33A		
14203		XA143	66		XA141	61			16B	9		TMRUAA4	18	TM06BP	01	1	TDD	JP	31A		
14204		XA141	61		XA141	65			16B	9		TMRUAA4	19	TENB10	01	2	TQ2	E4	32B		
14205		XA141	65		XA138	49			16B	9		TMRUAA4	20	TMC3A0	01	1	TQ2	F3	34B		C05
05116		XA138	49		XA339	36			16B	9		TMRUAA4	205	TI1260	01	2	TQ2	D4	26B		C05
14206		XA339	36		XA339	38			16B	9		TMRUAA4	21	TSJ2BP	01	1	TDD	FP	17A		
14207		XA339	38		XA339	50			16B	9		TMRUAA4	22	TS01BP	01	1	TDD	EP	18A		
14208		XA339	50		XA339	52			16B	9		TMRUAA4	23	TS04BP	01	1	TDD	HP	23A		
14209		XA339	52		XA339	64			16B	9		TMRUAA4	24	TS03BP	01	1	TDD	GP	24A		
14210		XA339	64		XA339	66			16B	9		TMRUAA4	25	TS06BP	01	1	TDD	KP	30A		
14211		XA339	66		XA339	75			16B	9		TMRUAA4	26	TS05BP	01	1	TDD	JP	31A		
14212		XA339	75		XA318	61			16B	9		TMRUAA4	27	TS07BP	01	1	TDD	LP	37B		
14213		XA318	61		XA304	59			16B	9		TMRUAA4	28				RR1	G1			
14214		XA304	59		XA106	63			16B	9		TMRUAA4	29	TI2310	01	1	TQ2	E4	31B		A01
06520		XA106	63									TMRUAA4	30				SHT				C03
06518		XA106	61		XA510	11			16B	9		TMRUAD4	01				SHT				C03
14220		XA510	11		XA318	53			16B	9		TMRUAD4	02	TMRUAD4	00	1	ACF	A1	05A	I/O RESET	
14221		XA318	53									TMRUAD4	03				RR1	F2			C02
14223		XA124	56		XA143	04			16B	9		TMRUBA4	01	TDRS10	01	2	TQ2	D1	26A		
14224		XA143	04		XA143	06			16B	9		TMRUBA4	02	TXC2BP	01	1	TDD	BP	04A		
14225		XA143	06		XA143	22			16B	9		TMRUBA4	03	TXC1BP	01	1	TDD	AP	05A		
14226		XA143	22		XA145	21			16B	9		TMRUBA4	04	TXC3BP	01	1	TDD	CP	12A		
14227		XA145	21		XA147	36			16B	9		TMRUBA4	05	TBRRT0	01	1	TT3	B3	10B		
14228		XA147	36		XA145	79			16B	9		TMRUBA4	06	TMOSC0	01	4	TS8	C1	17A		
14229		XA145	79		XA248	07			16B	9		TMRUBA4	07	TDIGBR	01	3	TT3	F1	39B		
14230		XA248	07		XA251	20			16B	9		TMRUBA4	08	TM3M6J	01	4	TO4	A2	03A		
14231		XA251	20		XA251	26			16B	9		TMRUBA4	09	TS21BP	01	1	TDD	DP	11A		D06
05500		XA251	26		XA251	38			16B	9		TMRUBA4	095	TMHLCN	01	1	TDD	CN	14A		D06
14232		XA251	38		XA251	50			16B	9		TMRUBA4	10	TS22BP	01	1	TDD	EP	18A		
14233		XA251	50		XA251	52			16B	9		TMRUBA4	11	TS25BP	01	1	TDD	HP	23A		
									****			SIGNAL (TMRUBA4)		IS ON THE			NEXT PAGE		****		

DRAWING NUMBER 149019-800
 UNIT ASSEMBLY NAME CARD CAGE ASSY, I/O UNIT

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RECORD NUMBER	FROM			TO			WIRE			SIGNAL	SEQ NO	EQUATION	FROM	TO	CKT OR CHIP TYPE	GROUP	LOAD OR POWER PLANS	TEST POINTS AND/OR	SIGNAL DESCRIPTION	TCO NO
	PREFIX	CONNECTOR	PIN	PREFIX	CONNECTOR	PIN	MULTI GROUP	CODE	COLOR											
14234		XA251	52		XA251	64		16B	9		TMRUBA4	12	TS248P	01	1	TDD	GP	24A		
14235		XA251	64		XA251	66		16B	9		TMRUBA4	13	TS278P	01	1	TDD	KP	30A		
14236		XA251	66		XA251	73		16B	9		TMRUBA4	14	TS268P	01	1	TDD	JP	31A		
14237		XA251	73		XA244	73		16B	9		TMRUBA4	15	TS298P	01	1	TDD	MP	36B		
14238		XA244	73		XA347	04		16B	9		TMRUBA4	16	TS288P	01	1	TDD	MP	36B		
14239		XA347	04		XA347	06		16B	9		TMRUBA4	17	TS108P	01	1	TDD	BP	04A		
14240		XA347	06		XA347	20		16B	9		TMRUBA4	18	TS098P	01	1	TDD	AP	05A		
14241		XA347	20		XA347	22		16B	9		TMRUBA4	19	TS128P	01	1	TDD	DP	11A		
14242		XA347	22		XA347	36		16B	9		TMRUBA4	20	TS118P	01	1	TDD	CP	12A		
14243		XA347	36		XA347	38		16B	9		TMRUBA4	21	TS148P	01	1	TDD	FP	17A		
14244		XA347	38		XA347	50		16B	9		TMRUBA4	22	TS138P	01	1	TDD	EP	18A		
14245		XA347	50		XA347	52		16B	9		TMRUBA4	23	TS168P	01	1	TDD	HP	23A		
14246		XA347	52		XA347	64		16B	9		TMRUBA4	24	TS158P	01	1	TDD	GP	24A		
14247		XA347	64		XA347	66		16B	9		TMRUBA4	25	TS188P	01	1	TDD	KP	30A		
14248		XA347	66		XA347	73		16B	9		TMRUBA4	26	TS178P	01	1	TDD	JP	31A		
14249		XA347	73		XA347	75		16B	9		TMRUBA4	27	TS208P	01	1	TDD	MP	36B		
14250		XA347	75		XA339	73		16B	9		TMRUBA4	28	TS198P	01	1	TDD	LP	37B		
14251		XA339	73		XA339	17		16B	9		TMRUBA4	29	TS088P	01	1	TDD	MP	36B		
14252		XA339	17		XA350	24		16B	9		TMRUBA4	30	TS008P	01	1	TDD	DQ	08B		
14253		XA350	24		XA318	63		16B	9		TMRUBA4	31	TS2330	01	1	TQ2	B1	13A		
06523		XA318	63		XA106	66		16B	9		TMRUBA4	32				RR1	G2		A01	
		XA106	66								TMRUBA4	33				SHT			C03	
06521		XA106	64		XA510	10		16B	9		TMRUBD4	01				SHT			C03	
14260		XA510	10		XA318	55		16B	9		TMRUBD4	02	TMRUBD4	00	1	ACF	A2	06B	IOU RESET	
14261		XA318	55								TMRUBD4	03				RR1	F3			
06527		XA106	71		XA305	72		16B	9		TMRUCA4	01				SHT			C03	
14268		XA305	72		XA318	65		16B	9		TMRUCA4	07	TBHLTA	01	2	TD4	F2	34A		
14269		XA318	65		XA427	07		16B	9		TMRUCA4	08				RR1	G3		C02	
14272		XA427	07		XA138	70		16B	9		TMRUCA4	09	JBSTAD4	01	2	YLD	A3	03A	C02	
14272		XA138	70								TMRUCA4	11	TMPUM0	01	2	TQ2	E1	33A		
06525		XA106	69		XA318	56		16B	9		TMRUCD4	00				SHT			C03	
14273		XA318	56		XA510	03		16B	9		TMRUCD4	01				RR1	F4		A01	
14274		XA510	03								TMRUCD4	02	TMRUCD4	00	1	ACF	A3	02A	IOU RESET	
06528		XA106	72		XA318	62		16B	9		TMRUDD4	00				SHT			C03	
14281		XA318	62		XA511	10		16B	9		TMRUDD4	01				RR1	F5		A01	
14282		XA511	10								TMRUDD4	03	TMRUDD4	00	1	ACF	A2	06B	IOU RESET	
06530		XA106	74		XA309	53		16B	9		TMRUMB4	01				SHT			C03	
14285		XA309	53		XA309	59		16B	9		TMRUMB4	01M	KMR21R	01	1	TT3	E2	28B	MASTER RESET - F	
14286		XA309	59		XA309	65		16B	9		TMRUMB4	02	KMR22R	01	2	TT3	E3	31B	MASTER RESET - F	
14287		XA309	65		XA309	77		16B	9		TMRUMB4	03	KMR24R	01	1	TT3	F2	34B	MASTER RESET - F	
14288		XA309	77		XA307	77		16B	9		TMRUMB4	04	KMR23R	01	2	TT3	F1	38B	MASTER RESET - F	
14289		XA307	77		XA307	69		16B	9		TMRUMB4	05	KMR29R	01	2	TT3	F1	38B	MASTER RESET - F	
14290		XA307	69		XA307	72		16B	9		TMRUMB4	06	KMR31R	01	1	TT3	F3	35A	MASTER RESET - F	
14291		XA307	72		XA307	66		16B	9		TMRUMB4	07	KMR33R	01	3	TT3	F2	34A	MASTER RESET - F	
14292		XA307	66		XA307	60		16B	9		TMRUMB4	08	KMR26R	01	1	TT3	E1	31A	MASTER RESET - F	
								***	SIGNAL	(TMRUMB4)			IS ON THE						NEXT PAGE	****

DRAWING NUMBER 149019-800
UNIT ASSEMBLY NAME CARD CAGE ASSY, I/O UNIT

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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	PL	PREFIX	CONNECTOR	PIN	PL	MULTI GROUP	CODE	COLOR	IDENT											
14293		XA307	60		XA307	57				16B	9		TMRUMB4	09	KMR27R	01	2	TT3	E2		28A	MASTER RESET - F	
14294		XA307	57		XA307	52				16B	9		TMRUMB4	10	KMR28R	01	1	TT3	E3		30B	MASTER RESET - F	
14295		XA307	52		XA307	46				16B	9		TMRUMB4	11	KMR14R	01	1	TT3	D1		24A	MASTER RESET - F	
14296		XA307	46		XA307	45				16B	9		TMRUMB4	12	KMR15R	01	2	TT3	D2		21A	MASTER RESET - F	
14297		XA307	45		XA307	33				16B	9		TMRUMB4	13	KMR25R	01	1	TT3	D3		24B	MASTER RESET - F	
14298		XA307	33		XA307	34				16B	9		TMRUMB4	14	KMR13R	01	1	TT3	C3		16B	MASTER RESET - F	
14299		XA307	34		XA307	38				16B	9		TMRUMB4	15	KMR12R	01	3	TT3	C2		16A	MASTER RESET - F	
14300		XA307	38		XA307	22				16B	9		TMRUMB4	16	KMR11R	01	1	TT3	C1		18A	MASTER RESET - F	
14301		XA307	22		XA307	21				16B	9		TMRUMB4	17	KMR08R	01	1	TT3	B1		12A	MASTER RESET - F	
14302		XA307	21		XA307	17				16B	9		TMRUMB4	18	KMR10R	01	1	TT3	B3		10B	MASTER RESET - F	
14303		XA307	17		XA307	09				16B	9		TMRUMB4	19	KMR09R	01	2	TT3	B2		08B	MASTER RESET - F	
14304		XA307	09		XA307	06				16B	9		TMRUMB4	20	KMR05R	01	1	TT3	A3		04B	MASTER RESET - F	
14305		XA307	06		XA307	01				16B	9		TMRUMB4	21	KMR03R	01	1	TT3	A1		05A	MASTER RESET - F	
14306		XA307	01		XA209	75				16B	9		TMRUMB4	22	KMR04R	01	1	TT3	A2		02B	MASTER RESET - F	
14307		XA209	75		XA209	71				16B	9		TMRUMB4	23	KMR18R	01	1	TT3	F1		37B	MASTER RESET - F	
14308		XA209	71		XA209	69				16B	9		TMRUMB4	24	KMR19R	01	2	TT3	F2		36A	MASTER RESET - F	
14309		XA209	69		XA209	66				16B	9		TMRUMB4	25	KMR20R	01	1	TT3	F3		35A	MASTER RESET - F	
14310		XA209	66		XA209	62				16B	9		TMRUMB4	26	KMR07R	01	1	TT3	E1		31A	MASTER RESET - F	
14311		XA209	62		XA209	57				16B	9		TMRUMB4	27	KMR16R	01	3	TT3	E2		29A	MASTER RESET - F	
14312		XA209	57		XA209	09				16B	9		TMRUMB4	28	KMR17R	01	1	TT3	E3		30B	MASTER RESET - F	
14313		XA209	09		XA209	05				16B	9		TMRUMB4	29	KMR02R	01	1	TT3	A3		04B	MASTER RESET - F	
14314		XA209	05		XA209	06				16B	9		TMRUMB4	30	KMR01R	01	3	TT3	A2		03B	MASTER RESET - F	
14315		XA209	06		XA210	53				16B	9		TMRUMB4	31	KMR00R	01	1	TT3	A1		05A	MASTER RESET - F	FC10
04481		XA210	53		XA331	05				16B	9		TMRUMB4	31	TINHAO	01	1	TQ2	E3		28B		IC10
14316		XA331	05		XA433	27				16B	9		TMRUMB4	32				RR1	A1				C09
05629		XA433	27										TMRUMB4	33	TK07BQ	01	1	TDD	CQ		13B		C09
14317		XA138	66		XA420	50				16B	9		TMRUM0	01	TMRUM0	00	1	TQ2	E1		31A		
14318		XA420	50										TMRUM0	02	TMMICOX	01	1	DCF	C8		28A		
14319		XA433	06		XA310	10				16B	9		TMR77A	01	TBSTOP	01	1	TDD	AP		05A		
14320		XA310	10										TMR77A	02	TMR77A	00	1	THI	A6		06B	S77 + MASTER RES	
14321		XA310	15		XA207	57				16B	9		TMR770	01	TMR77A	01	1	THI	A6		07B		
14322		XA207	57										TMR770	02	TMR770	00	1	TQ2	E3		30B	S77 + MASTER RES	
14323		XA143	33		XA149	41				16B	9		TMSNOP	01	TMSNOP	00	1	TDD	FP		16B	RESET, ADD. ACK	
14324		XA149	41										TMSNOP	02	TM4SN0	01	1	TQ2	D3		22B		
14325		XA143	47		XA150	09				16B	9		TMS3BP	01	TMS3BP	00	1	TDD	GP		25B	PRERESET	
14326		XA150	09		XA150	70				16B	9		TMS3BP	02	TM3NPA	01	1	TT3	A3		04B		
14327		XA150	70		XA351	06				16B	9		TMS3BP	03	TM331A	01	3	TT3	E1		33A		
14328		XA351	06		XA349	05				16B	9		TMS3BP	04	TCD16A	01	1	TT3	A1		05A		
14329		XA349	05		XA349	60				16B	9		TMS3BP	05	TS213A	01	3	TD4	A2		03B		
14330		XA349	60		XA305	52				16B	9		TMS3BP	06	TS202A	01	2	TD4	E2		28A		D03
05455		XA305	52										TMS3BP	07	TPEB1A	01	2	TD4	D1		24A		D03
14332		XA149	19		XA150	62				16B	9		TMS3BQ	01	TM032A	01	2	TQ2	B3		09B		
14333		XA150	62		XA143	49				16B	9		TMS3BQ	02	TM6SCA	01	3	TT3	E2		29A		
14334		XA143	49		XA114	31				16B	9		TMS3BQ	03	TMS3BQ	00	1	TDD	GQ		26B	PRESET	
										****	SIGNAL	{TMS3BQ}		IS ON THE	NEXT PAGE	****							

DRAWING NUMBER		149019-800		STRING										UNIT ASSEMBLY NO.		149019		REV		G		INDEX		TMS3BQ	
UNIT ASSEMBLY NAME		CARD CAGE ASSY, I/O UNIT												FILE IDENT		T39BIUX2		DATE		09-03-82		PAGE		251	
RECORD NUMBER	FROM			TO			WIRE				SIGNAL	SFO NO	EQUATION	TERM	FACTOR	CKT OR CHIP TYPE	GROUP	LOAD OR POWER PLANE	TEST POINTS		SIGNAL DESCRIPTION	ECO NO			
	PREFIX	CONNECTOR	PIN	PREFIX	CONNECTOR	PIN	MULTI GROUP	CODE	COLOR	IDENT									AND	OR					
14335		XA114	31		XA206	14					16B	9	TMS3BQ	04	TKWXIA	01	2	TS8	C1		15B				
14336		XA206	14		XA325	52					16B	9	TMS3BQ	05	TMDSAA	01	1	TT3	B2		09A				
14337		XA325	52		XA323	74					16B	9	TMS3BQ	06	TSIO2A	01	2	TD4	D1		24A				
14338		XA323	74		XA340	72					16B	9	TMS3BQ	07	TWD1AA	01	4	TD4	F2		35B				
14339		XA340	72										TMS3BQ	08	TSIO1A	01	3	TT3	F2		34A				
14340		XA143	54		XA142	52					16B	9	TMS3D0	01	TMS3B1	01	1	TDD	G1		25A				
14341		XA142	52										TMS3D0	02	TMS3D0	00	1	TQ2	D1		24A	1ST M3 NO SECOND			
14342		XA150	64		XA142	56					16B	9	TMS31A	01	TMS31A	00	1	TT3	E1		30A	CONTROLLED CLOCK			
14343		XA142	56										TMS31A	02	TMS3D0	01	2	TQ2	D1		26A				
20511		XA406	76		XA331	55					16B	9	TMTCAA	005	TMTCC0	01	1	THI	F5		37A				
14344		XA331	55		XA107	11					16B	9	TMTCAA	01				RR1	F3						
14345		XA107	11										TMTCAA	02				MTS							
14346		XA336	50		XA406	78					16B	9	TMTCC0	01				OSC							
14347		XA406	78										TMTCC0	02	TMTCC0	00	1	THI	F5		36A	OSC ON OFF CONTRC			
14348		XA151	11		XA148	05					16B	9	TMTCOP	01	TMTCOP	00	1	TDD	AP		05B	COUNTER BIT 0 MA			
14349		XA148	05										TMTCOP	02	TMTC3I	01	1	TDD	BI		03B				
14350		XA248	18		XA151	13					16B	9	TMTC0Q	01	TMT0AA	01	2	TD4	B2		10A				
14351		XA151	13										TMTC0Q	02	TMTC0Q	00	1	TDD	AQ		06B	PRESET COUNTER B			
14352		XA148	11		XA248	14					16B	9	TMTCLP	01	TMTC1P	00	1	TDD	AP		05B	BIT 1 MASTER RES			
14353		XA248	14										TMTCLP	02	TMT0AA	01	1	TD4	B2		09A				
14354		XA151	08		XA148	13					16B	9	TMTCLQ	01	TMTC0I	01	1	TDD	AI		06A				
14355		XA148	13										TMTCLQ	02	TMTC1Q	00	1	TDD	AQ		06B	PRESET INPUT			
14356		XA248	19		XA151	09					16B	9	TMTC2P	01	TMT0AA	01	3	TD4	B2		09B				
14357		XA151	09										TMTC2P	02	TMTC2P	00	1	TDD	BP		04B	MASTER RESET MEM			
14358		XA148	08		XA151	07					16B	9	TMTC2Q	01	TMTC1I	01	1	TDD	AI		06A				
14359		XA151	07										TMTC2Q	02	TMTC2Q	00	1	TDD	BQ		03A				
14360		XA151	05		XA148	07					16B	9	TMTC3Q	01	TMTC2I	01	1	TDD	BI		03B				
14361		XA148	07										TMTC3Q	02	TMTC3Q	00	1	TDD	BQ		03A				
14362		XA233	51		XA115	11					16B	9	TMTDWA	01	TMTDWA	00	1	TQ2	D4		27B				
14363		XA115	11										TMTDWA	02	TMTDWS	01	1	TQ2	A4		05B				
14364		XA116	15		XA115	13					16B	9	TMTDWR	01	TMTDWR	00	1	TQ2	A4		07B				
14365		XA115	13		XA206	13					16B	9	TMTDWR	02	TMTDWS	01	2	TQ2	A4		06B				
14366		XA206	13										TMTDWR	03	TKMEB0	01	3	TT3	A3		06B				
14367		XA115	15		XA116	11					16B	9	TMTDWS	01	TMTDWS	00	1	TQ2	A4		07B	CONT MEM BANK AD			
14368		XA116	11										TMTDWS	02	TMTDWR	01	1	TQ2	A4		05B				
												****	SIGNAL	(TMTENA)	IS ON THE NEXT PAGE				****						

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 UNIT ASSEMBLY NAME CARD CAGE ASSY, I/O UNIT

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RECORD NUMBER	FROM				TO				WIRE				SIGNAL	SEQ NO	EQUATION	TERM	CKT OR CHIP TYPE	LOAD OR POWER PLANE	TEST POINTS AND OR	SIGNAL DESCRIPTION	ECO NO
	PREFIX	CONNECTOR	PIN	OR PG	PREFIX	CONNECTOR	PIN	OR PG	MULTI-GROUP	CODE	COLOR	IDENT									
14369		XA141	38			XA251	15			16B	9			TMTENA	01	TMTENA	00 1	TQ2	C1	18A	S08+S10+S12+S14+S
14370		XA251	15											TMTENA	02	TMTIMQ	01 1	TDD	AQ	07B	
14371		XA248	20			XA251	13			16B	9			TMTIMQ	01	TMTOAA	01 4	TD4	B2	11A	
14372		XA251	13			XA151	06			16B	9			TMTIMQ	02	TMTIMQ	00 1	TDD	AQ	06B	PRESET-COUNT 3.0
14373		XA151	06			XA151	04			16B	9			TMTIMQ	03	TMTCOP	01 1	TDD	AP	05A	
14374		XA151	04			XA148	04			16B	9			TMTIMQ	04	TMTC2P	01 1	TDD	BP	04A	
14375		XA148	04			XA148	06			16B	9			TMTIMQ	05	TMTC3P	01 1	TDD	BP	04A	
14376		XA148	06											TMTIMQ	06	TMTC1P	01 1	TDD	AP	05A	
14377		XA245	01			XA251	08			16B	9			TMTI1A	01	TMTI1A	00 1	THI	A4	02B	DATA INPUT TO ME
14378		XA251	08											TMTI1A	02	TMTIMI	01 1	TDD	AI	06A	
14379		XA150	80			XA245	05			16B	9			TMTI10	01	TMTI10	00 1	TT3	F3	39A	S13.WORD IN + BR
14380		XA245	05											TMTI10	02	TMTI1A	01 1	THI	A4	03B	
14381		XA446	14			XA421	15			16B	9			TMTSAA	01	TMTSAA	00 1	TQ2	B2	09A	RESET CPU
14382		XA421	15											TMTSAA	02	JMTSBD4	01 2	ACF	A2	07B	
07724		XA331	36			XA106	62			16B	9			TMTSBB	01			RR1	C6		A01 C03
06519		XA106	62											TMTSBB	02			SHT			
14383		XA248	21			XA251	03			16B	9			TMTOAA	01	TMTOAA	00 1	TD4	B2	10B	MEMORY TIME OUT
14384		XA251	03											TMTOAA	02	TMTOBQ	01 1	TDD	BQ	02A	
14385		XA251	09			XA248	05			16B	9			TMTOBP	01	TMTOBP	00 1	TDD	BP	04B	RESET MEM TIME O
14386		XA248	05			XA136	52			16B	9			TMTOBP	02	TM3M60	01 3	TD4	A2	03B	
14387		XA136	52			XA122	25			16B	9			TMTOBP	03	TTWPCA	01 2	TD4	D1	24A	
14388		XA122	25			XA325	25			16B	9			TMTOBP	04	TMRRM70	01 3	TT3	B3	12B	
14389		XA325	25			XA305	46			16B	9			TMTOBP	05	TS032A	01 3	TD4	B1	12B	
14390		XA305	46			XA305	74			16B	9			TMTOBP	06	TINIT0	01 2	TD4	D2	21A	
14391		XA305	74											TMTOBP	07	TBHLTA	01 4	TD4	F2	35B	
04922		XA116	34			XA332	11			16B	9			TMTOBQ	00M	TM0S1A	01 1	TQ2	C2	16A	C10
14392		XA332	11			XA233	49			16B	9			TMTOBQ	01	TK130A	01 1	TQ2	A4	05B	
14393		XA233	49			XA251	07			16B	9			TMTOBQ	02	TMTDWA	01 2	TQ2	D4	26B	
14394		XA251	07			XA350	79			16B	9			TMTOBQ	03	TMTOBQ	00 1	TDD	BQ	03A	SET MEM T.O.
14395		XA350	79											TMTOBQ	04	TS214A	01 2	TQ2	F1	39B	
14396		XA323	23			XA324	15			16B	9			TMULAA	01	TMULAA	00 1	TD4	B1	11B	TD08-15 TO TE00-
14397		XA324	15											TMULAA	02	TMULAO	01 1	THI	A6	07B	
14398		XA225	03			XA224	07			16B	9			TMULAO	01	TF055A	01 1	TQ2	A3	02A	
14399		XA224	07			XA224	17			16B	9			TMULAO	02	TF045A	01 2	TQ2	A3	03A	
14400		XA224	17			XA225	26			16B	9			TMULAO	03	TF075A	01 1	TQ2	B3	08B	
14401		XA225	26			XA230	55			16B	9			TMULAO	04	TF065A	01 2	TQ2	B1	14A	
14402		XA230	55			XA230	59			16B	9			TMULAO	05	TF015A	01 2	TQ2	E3	29B	
14403		XA230	59			XA231	68			16B	9			TMULAO	06	TF035A	01 1	TQ2	E4	31B	
14404		XA231	68			XA231	77			16B	9			TMULAO	07	TF005A	01 1	TQ2	E1	32A	
14405		XA231	77			XA324	10			16B	9			TMULAO	08	TF025A	01 1	TQ2	F1	38B	
													****	SIGNAL	(TMULAO	IS ON THE NEXT PAGE				****	

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	PREFIX	CONNECTOR	PIN	PREFIX	CONNECTOR	PIN	DR / TO	MULTI GROUP	CODE	COLOR												IDENT	
14406		XA324	10									TMULAO	09	TMULAO	00	1	THI	A6	06B	TD08-15 TO TE00-			
14407		XA323	21		XA324	23			16B	9		TMUUA	01	TMUUA	00	1	TD4	B2	10B	XFER CONTROL TDO			
14408		XA324	23									TMUUA	02	TMUUA	01	1	THI	B2	12A				
14409		XA324	25		XA231	50			16B	9		TMUUA	01	TMUUA	00	1	THI	B2	11A	TD00-07-TE00-07-			
14410		XA231	50		XA230	47			16B	9		TMUUA	02	TF064A	01	2	TQ2	D2	23A				
14411		XA230	47		XA230	37			16B	9		TMUUA	03	TF074A	01	1	TQ2	D4	25B				
14412		XA230	37		XA231	36			16B	9		TMUUA	04	TF054A	01	2	TQ2	C4	18B				
14413		XA231	36		XA231	18			16B	9		TMUUA	05	TF044A	01	2	TQ2	C2	17A				
14414		XA231	18		XA230	13			16B	9		TMUUA	06	TF024A	01	1	TQ2	B2	10A				
14415		XA230	13		XA230	23			16B	9		TMUUA	07	TF014A	01	2	TQ2	A4	06B				
14416		XA230	23		XA231	05			16B	9		TMUUA	08	TF034A	01	1	TQ2	B4	11B				
14417		XA231	05									TMUUA	09	TF004A	01	2	TQ2	A2	03B				
14418		XA146	45		XA341	13			16B	9		TM0BLO	01	TM0BLO	00	1	TQ2	D3	24B	MO.BOOTSTRAP + B			
14419		XA341	13									TM0BLO	02	TS003A	01	2	TQ2	A4	06B				
14420		XA149	09		XA146	41			16B	9		TM0BSA	01	TM0BSA	00	1	TQ2	A3	04B	BL EXT#0 BOOTSTRA			
14421		XA146	41		XA345	31			16B	9		TM0BSA	02	TM0BLO	01	1	TQ2	D3	22B				
14422		XA345	31									TM0BSA	03	TS075A	01	2	TD4	C2	15B				
14423		XA147	35		XA148	54			16B	9		TM0SCO	01	TM0SCO	00	1	TS8	C1	17B	MO SELECTION CONT			
14424		XA148	54									TM0SCO	02	TM00BI	01	1	TDD	GI	25A				
07831		XA116	30		XA147	40			16B	9		TM0S1A	01	TM0S1A	00	1	TQ2	C2	15A		C10		
13967		XA147	40									TM0S1A	02	TM0SCO	01	7	TS8	C1	19A		C10		
14425		XA113	73		XA113	75			16B	9		TM00AA	01	TKAMPB	01	1	TDD	MP	36B				
14426		XA113	75		XA317	68			16B	9		TM00AA	02	TPERBP	01	1	TDD	LP	37B				
14427		XA317	68		XA443	57			16B	9		TM00AA	03	TADCAI	01	1	TDD	J1	32A				
08004		XA443	57		XA239	78			16B	9		TM00AA	04	TM00AA	00	1	TQ2	E3	30B				
14429		XA239	78									TM00AA	05	TKADA0	01	2	TQ2	F4	38A		D05		
14431		XA151	22		XA148	47			16B	9		TM00BP	01	TBMACP	01	1	TDD	CP	12A				
14432		XA148	47		XA147	42			16B	9		TM00BP	02	TM00BP	00	1	TDD	GP	25B	RESET MOO WHEN M			
14433		XA147	42		XA143	34			16B	9		TM00BP	03	TM0SCO	01	8	TS8	C1	20A				
14434		XA143	34		XA245	15			16B	9		TM00BP	04	TMSNOI	01	1	TDD	FI	16A				
14435		XA245	15		XA217	75			16B	9		TM00BP	05	TM00CO	01	1	THI	A6	07B				
14436		XA217	75		XA115	36			16B	9		TM00BP	06	TADABP	01	1	TDD	LP	37B		D05		
13456		XA115	36									TM00BP	07	TM400A	01	2	TQ2	C2	17A		D05		
14442		XA148	49		XA206	41			16B	9		TM00BQ	005	TM00BQ	00	1	TDD	GQ	26B	SELECT MO PRESET			
14437		XA206	41		XA305	34			16B	9		TM00BQ	01	TSTB2A	01	1	TT3	D2	22B				
14438		XA305	34		XA418	52			16B	9		TM00BQ	02	TSTB1A	01	3	TD4	C2	16A				
14439		XA418	52		XA349	78			16B	9		TM00BQ	03	TADCSDX	01	1	DCF	C1	29A				
14440		XA349	78		XA349	30			16B	9		TM00BQ	04	TS3MOA	01	3	TD4	F1	38A				
14441		XA349	30		XA443	55			16B	9		TM00BQ	05	TS7BSA	01	1	TD4	C2	15A				
06029		XA443	55									TM00BQ	06	TM00AA	01	2	TQ2	E3	29B				
												****	SIGNAL (TM00CO)		IS 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 CR POWER PLANE	TEST POINTS AND/OR	SIGNAL DESCRIPTION	ECO NO
	PREFIX	CONNECTOR	PIN	PREFIX	CONNECTOR	PIN	MULTI GROUP	CODE	COLOR											
14443		XA413	46		XA350	50			16B	9								22A	BUSS FOR CTS DIS	EO5
16076		XA350	50		XA245	10			16B	9								23A		EO5
14444		XA245	10		XA149	26			16B	9								06B	STATE M0 UNLOAD	
14445		XA149	26		XA149	04			16B	9								14A		
14446		XA149	04															04A		
14447		XA413	46										J					21A	JDB20B4 BUSS	
14448		XA149	01		XA140	70			16B	9								02B	SEL M1	
14449		XA140	70															33A		
14450		XA413	41		XA443	63			16B	9								22B	BUSS FOR CTS DIS	
08005		XA443	63															33B		
14452		XA149	22		XA140	68			16B	9								12A	SEL M1	
14453		XA140	68															32A		
14454		XA151	21		XA148	52			16B	9								10B	M01 PRERESET, PD	
14455		XA148	52		XA245	23			16B	9								24A		
14456		XA245	23		XA317	70			16B	9								12A		
14457		XA317	70		XA304	70			16B	9								33A		
14458		XA304	70		XA443	59			16B	9								33A		
06028		XA443	59															31B		
14459		XA332	73		XA350	29			16B	9								36B		
14460		XA350	29		XA350	25			16B	9								14B		
14461		XA350	25		XA246	70			16B	9								12B		
14462		XA246	70		XA148	48			16B	9								33A		
14463		XA148	48		XA149	18			16B	9								22A		
14464		XA149	18		XA151	19			16B	9								10A		
14465		XA151	19		XA141	40			16B	9								09B	M01 PRESET	
14466		XA141	40		XA115	18			16B	9								19A		
14467		XA115	18															10A		
14468		XA325	77		XA325	70			16B	9								38B		
14469		XA325	70		XA323	66			16B	9								33A		
14470		XA323	66		XA323	46			16B	9								31A		
14471		XA323	46		XA323	49			16B	9								21A		
14472		XA323	49		XA323	55			16B	9								26B		
14473		XA323	55		XA325	55			16B	9								29B		
14474		XA325	55		XA325	48			16B	9								29B		
14475		XA325	48		XA328	31			16B	9								22A		
14476		XA328	31		XA245	25			16B	9								15B		
14477		XA245	25		XA109	10			16B	9								11A	STATE M1 UNLOAD	
14478		XA109	10															07A		
14479		XA413	45										J					24B	JDB21B4 BUSS	
14480		XA149	05		XA250	11			16B	9								03B		
14481		XA250	11															05B	OR'D SELECT M1 C	

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	PREFIX	CONNECTOR	PIN		PREFIX	CONNECTOR	PIN	MULTI GROUP	CODE	COLOR	IDENT												SPEC INST. MISC
14482		XA150	74		XA149	24							TM0120	01	TM0120	00	1	TT3	F2		35B	OR'D SELECT M1 C	
14483		XA149	24										TM0120	02	TM01BA	01	1	TQ2	B1		13A		
14484		XA140	66		XA151	18							TM0130	01	TM0130	00	1	TQ2	E1		31A	SEL M1, DATA IN	
14485		XA151	18										TM0130	02	TM01BI	01	1	TDD	D1		10A		
14486		XA148	45		XA245	27							TM02BP	01	TM02BP	00	1	TDD	HP		24B	RESET M2, M3+M6+	
14487		XA245	27										TM02BP	02	TM02CO	01	1	THI	B6		13B		
14488		XA323	73		XA325	34							TM02BQ	01	TWD1AA	01	3	TD4	F2		36B		
14489		XA325	34		XA245	21							TM02BQ	02	TDR51A	01	3	TD4	C2		16A		
14490		XA245	21		XA150	68							TM02BQ	03	TM02CA	01	1	THI	B5		11B		
14491		XA150	68		XA148	43							TM02BQ	04	TMS31A	01	2	TT3	E1		32A		
14492		XA148	43		XA143	30							TM02BQ	05	TM02BQ	00	1	TDD	HQ		23B		
14493		XA143	30		XA114	38							TM02BQ	06	TMSNON	01	1	TDD	FN		15A		
14494		XA114	38										TM02BQ	07	TKWX1A	01	6	TS8	C1		18A		
14495		XA423	53		XA245	19							TM02CA	01	TDCBA0	01	1	TQ2	E3		28B		
14496		XA245	19										TM02CA	02	TM02CA	00	1	THI	B5		10B	STATE M02 UNLOAD	
14497		XA413	47		XA206	18							TM02CO	01	TM02SD	01	1	TLD	O4		25B	BUSS FOR CTS DIS	
14498		XA206	18		XA245	26							TM02CO	02	TMD5AA	01	3	TT3	B2		10A		
14499		XA245	26		XA150	53							TM02CO	03	TM02CO	00	1	THI	B6		12B	M2 OVERLOAD	
14500		XA150	53										TM02CO	04	TM6SCA	01	1	TT3	E2		28B		
14501		XA148	50		XA146	78							TM02PA	01	TM02BP	01	1	TDD	HP		23A		
14502		XA146	78		XA245	18							TM02PA	02	TS204A	01	2	TQ2	F4		38A	M3 + M6 + MEM. T	
14503		XA245	18										TM02PA	03	TM02PA	00	1	THI	B3		09A		
14504		XA413	51								J		TM02SD	01	TM02SD	00	1	TLD	O4		27B	JDB2284 BUSS	
14505		XA139	76		XA245	36							TM03BP	01	TM03D0	01	1	THI	F5		37A		
14506		XA245	36		XA248	01							TM03BP	02	TM03C0	01	1	THI	C3		16A		
14507		XA248	01		XA151	33							TM03BP	03	TM3M60	01	1	TD4	A2		02B		
14508		XA151	33										TM03BP	04	TM03BP	00	1	TDD	FP		16B	CLR M03, MASTER	
14509		XA149	17		XA151	31							TM03BQ	01	TM032A	01	1	TQ2	B3		08B	PRESET M03, DATA	
14510		XA151	31		XA149	35							TM03BQ	02	TM03BQ	00	1	TDD	FQ		15B		
14511		XA149	35		XA149	56							TM03BQ	03	TM355A	01	1	TQ2	C4		17B		
14512		XA149	56		XA245	35							TM03BQ	04	TM357A	01	2	TQ2	D1		26A		
14513		XA245	35		XA340	69							TM03BQ	05	TM03CA	01	1	THI	C2		18A		
14514		XA340	69										TM03BQ	06	TS111A	01	1	TT3	F3		35A		
14515		XA245	37		XA150	05							TM03CA	01	TM03CA	00	1	THI	C2		17A	STATE M3 F/F UNL	
14516		XA150	05										TM03CA	02	TM3B80	01	3	TT3	A2		03B		
14517		XA245	34		XA346	05							TM03CO	01	TM03CO	00	1	THI	C3		15A	STATE M3 F/F UNL	
14518		XA346	05		XA349	01							TM03CO	02	TS11MA	01	2	TQ2	A2		03B		
													****		SIGNAL	TM03CO							IS ON THE NEXT PAGE ****

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RECORD NUMBER	FROM			TO			WIRE				SIGNAL	SEQ NO	EQUATION	TERM	FACTOR	CKT OR CHIP TYPE	GROUP	LOAD OR POWER PLANE	TEST POINTS AND/OR	SIGNAL DESCRIPTION	ECO NO
	PREFIX	CONNECTOR	PIN	PREFIX	CONNECTOR	PIN	BK FC	MULTI GROUP	CODE	COLOR											
14519		XA349	01		XA351	08			16B	9		TM03C0	03	TS213A	01	1	TD4	A2		02B	
14520		XA351	08		XA350	17			16B	9		TM03C0	04	TCD16A	01	2	TT3	A1		06A	
14521		XA350	17		XA349	62			16B	9		TM03C0	05	TS9M3A	01	1	TQ2	B3		08B	
14522		XA349	62		XA343	61			16B	9		TM03C0	06	TS202A	01	3	TD4	E2		29A	
14523		XA343	61		XA341	74			16B	9		TM03C0	07	TS212A	01	3	TT3	E3		32B	
14524		XA341	74		XA340	53			16B	9		TM03C0	08	TS163A	01	2	TQ2	F3		35B	
14525		XA340	53		XA327	75			16B	9		TM03C0	09	TS181A	01	1	TT3	E2		28B	
14526		XA327	75						16B	9		TM03C0	10	TS14MA	01	1	TT3	F1		37B	
14527		XA138	41		XA138	48			16B	9		TM03D0	01	TPEM3A	01	1	TQ2	D3		22B	
14528		XA138	48		XA138	54			16B	9		TM03D0	02	TPEM2A	01	1	TQ2	D2		22A	
14529		XA138	54		XA139	78			16B	9		TM03D0	03	TPEM1A	01	1	TQ2	D1		25A	
14530		XA139	78		XA340	71			16B	9		TM03D0	04	TM03D0	00	1	THI	F5		36A	STATE M3 UNLOAD-
14531		XA340	71		XA325	54			16B	9		TM03D0	05	TS101A	01	2	TT3	F2		36A	
14532		XA325	54		XA413	68			16B	9		TM03D0	06	TS102A	01	3	TD4	D1		25A	
14533		XA413	68						16B	9		TM03D0	07	TM03SD	01	1	TLD	E1		32A	BUSS FOR CTS DIS
14534		XA413	66								J	TM03SD	01	TM03SD	00	1	TLD	E1		31A	JDB23B4 BUSS
14535		XA151	34		XA139	68			16B	9		TM0310	01	TM03BI	01	1	TDD	FI		16A	
14536		XA139	68									TM0310	02	TM0310	00	1	THI	E6		32B	M03 ON, LEAVE ON
14537		XA139	65		XA149	21			16B	9		TM032A	01	TM0310	01	1	THI	E6		33B	
14538		XA149	21									TM032A	02	TM032A	00	1	TQ2	B3		10B	M03 ON, LEAVE ON
14539		XA151	47		XA338	70			16B	9		TM04BP	01	TM04BP	00	1	TDD	GP		25B	MASTER RESET M4
05768		XA338	70		XA423	55			16B	9		TM04BP	04	TCPD6A	01	2	TQ2	E1		33A	D05
14543		XA423	55		XA418	72			16B	9		TM04BP	05	TDCBA0	01	2	TQ2	E3		29B	D05
14544		XA418	72									TM04BP	06	TD32SDX	01	1	DCF	D1		36A	
16313		XA115	34		XA144	19			16B	9		TM04BQ	005	TM400A	01	1	TQ2	C2		16A	D05
14545		XA144	19		XA151	49			16B	9		TM04BQ	01	TBRRAQ	01	3	TD4	B2		09B	
14546		XA151	49		XA149	50			16B	9		TM04BQ	02	TM04BQ	00	1	TDD	GQ		26B	
14547		XA149	50		XA145	59			16B	9		TM04BQ	03	TM4DSA	01	2	TQ2	D2		23A	
14548		XA145	59		XA338	73			16B	9		TM04BQ	04	TMCL3A	01	2	TT3	E3		31B	D05
05733		XA338	73		XA413	62			16B	9		TM04BQ	045	TCPD5A	01	2	TQ2	F2		36B	D05
14549		XA413	62									TM04BQ	05	TM04SD	01	1	TLD	E2		29A	BUSS FOR CTS DIS
14550		XA413	60								J	TM04SD	01	TM04SD	00	1	TLD	E2		28A	JDB24B4 BUSS
14551		XA122	64		XA151	54			16B	9		TM0410	01	TM0410	00	1	TT3	E1		30A	
14552		XA151	54									TM0410	02	TM04BI	01	1	TDD	GI		25A	
14553		XA122	09		XA122	22			16B	9		TM05BP	01	TKWXA0	01	1	TT3	A3		04B	
14554		XA122	22		XA145	26			16B	9		TM05BP	02	TKWXB0	01	1	TT3	B1		12A	
14555		XA145	26		XA149	47			16B	9		TM05BP	03	TM0610	01	3	TT3	B1		14A	
14556		XA149	47		XA151	45			16B	9		TM05BP	04	TM5BR0	01	1	TQ2	D4		25B	
14557		XA151	45		XA349	40			16B	9		TM05BP	05	TM05BP	00	1	TDD	HP		24B	MASTER RESET CLR
14558		XA349	40		XA305	78			16B	9		TM05BP	06	TS4610	01	3	TD4	C1		19A	
14559		XA305	78									TM05BP	07	TS4XF0	01	3	TD4	F1		38A	

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	PREFIX	CONNECTOR	PIN	DR PG	PREFIX	CONNECTOR	PIN	DR PG	MULTI GROUP	CODE	COLOR	IDENT												
14560 14561		XA413 XA151	53 43			XA151	43						16B 9	TM05BQ TM05BQ	01 02	TM05SD TM05BQ	01 00	1 1	TLD TDD	E3 HQ	28B 23B	BUSS FOR CTS DIS		
14562		XA413	57											J TM05SD	01	TM05SD	00	1	TLD	E3	30B	JDB25B4 BUSS		
14563 14564		XA149 XA139	38 59			XA139	59							16B 9	TM051A TM051A	01 02	TM051A TM051D	00 01	1 1	TQ2 THI	C1 E5	18A 31B	M3.S04.NO MEM P.	
14565 14566		XA139 XA151	57 48			XA151	48							16B 9	TM051D TM051D	01 02	TM051D TM05BI	00 01	1 1	THI TDD	E5 HI	30B 22A	M3.S04. NO MEM P	
14567 14568 14569 14570		XA248 XA146 XA143 XA122	04 40 59 68			XA146 XA122	40 59 68							16B 9 16B 9 16B 9	TM06BP TM06BP TM06BP TM06BP	01 02 03 04	TM3M60 TM3TOA TM06BP TM041D	01 01 00 01	2 1 1 2	TD4 TQ2 TDD TT3	A2 C1 JP E1	04A 19A 31B 32A	MASTER RESET M6	
14571 14572		XA413 XA333	59 71			XA333 XA333	71 61							16B 9 16B 9	TM06BQ TM06BQ	01 02	TM06SD TS004A	01 01	1 1	TLD TS8	E4 F1	31B 36A	BUSS FOR CTS DIS	
14573 14574 14575		XA333 XA333 XA143	61 50 61			XA333 XA143	50 61							16B 9 16B 9	TM06BQ TM06BQ TM06BQ	03 04 05	TS074A TS15EA TM06BQ	01 01 00	3 5 1	TS8 TS8 TDD	E1 D1 JQ	32B 23A 32B		
14576		XA413	63												J TM06SD	01	TM06SD	00	1	TLD	E4	33B	JDB26B4 BUSS	
14577 14578		XA145 XA143	20 68			XA143	68							16B 9	TM061D TM061D	01 02	TM061D TM06BI	00 01	1 1	TT3 TDD	B1 JI	11A 32A	CONDITIONS TO SE	
14579 14580 14581 14582		XA206 XA112 XA115 XA350	17 60 74 42			XA112 XA115 XA350	60 74 42							16B 9 16B 9 16B 9	TM2M6A TM2M6A TM2M6A TM2M6A	01 02 03 04	TMDSAA TM2M6A TKAMSD TADA2A	01 00 01 01	2 1 2 2	TT3 TQ2 TQ2 TQ2	B2 E2 F3 C1	08B 28A 35B 20A	STATE S23 . IO	
14583 14584 14585		XA149 XA150 XA112	30 60 62			XA150 XA112	60 62							16B 9 16B 9	TM2M6D TM2M6D TM2M6D	01 02 03	TM2M6D TM6SCA TM2M6A	00 01 01	1 2 1	TQ2 TT3 TQ2	C2 E2 E2	15A 28A 29A	CONTROL M2.+0 M	
14586 14587		XA350 XA150	70 07			XA150	07							16B 9	TM3BBD TM3BBD	01 02	TS3M3A TM3BBD	01 00	2 1	TQ2 TT3	E1 A2	33A 03A	M3 + BURST + BOO	
14588 14589		XA149 XA345	33 08			XA345	08							16B 9	TM3BS0 TM3BS0	01 02	TM3BS0 TS005A	00 01	1 2	TQ2 TD4	C3 A1	16B 06A	M3 + BOOTSTRAP1	
14590 14591 14592		XA245 XA248 XA146	20 09 42			XA248 XA146	09 42							16B 9 16B 9	TM3M6D TM3M6D TM3M6D	01 02 03	TM02PA TM3M6D TM3TOA	01 00 01	1 1 2	THI TD4 TQ2	B3 A2 C1	10A 04B 20A	M3 + M6+ MEM. TI	
14593 14594		XA122 XA150	70 15			XA150 XA113	15 80							16B 9 16B 9	TM3NPA TM3NPA	01 02	TM041D TM3NPA	01 00	3 1	TT3 TT3	E1 A3	33A 07B	M3.PE*(S8+S10+S1D)03	
												****	SIGNAL	(TM3NPA	IS ON THE NEXT PAGE				****					

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	PREFIX	CONNECTOR	PIN	TO	PREFIX	CONNECTOR	PIN	DR P D	MULTI GROUP	CODE	COLOR	IDENT											
14634		XA113	80										TM3NPA	03	TPERBQ	01	1	TDD	LQ		39A		D03
14595		XA149	39		XA147	38				16B	9		TM3S5A	01	TM3S5A	00	1	TQ2	C4		19B		M3 AND S5
14596		XA147	38		XA341	59				16B	9		TM3S5A	02	TM0SC0	01	6	TS8	C1		18A		
14597		XA341	59										TM3S5A	03	TS0600	01	1	TQ2	E4		31B		
14598		XA342	79		XA149	52				16B	9		TM3S7A	01	TS0800	01	1	THI	F1		39B		
14599		XA149	52										TM3S7A	02	TM3S7A	00	1	TQ2	D1		24A		M3 AND S7
14600		XA146	38		XA345	01				16B	9		TM3T0A	01	TM3T0A	00	1	TQ2	C1		18A		M3 OR MEM T.O.
14601		XA345	01		XA346	07				16B	9		TM3T0A	02	TS093A	01	1	TQ4	A2		02B		
14602		XA346	07		XA346	20				16B	9		TM3T0A	03	TS115A	01	2	TQ2	A3		03A		
14603		XA346	20		XA345	34				16B	9		TM3T0A	04	TS151A	01	2	TQ2	B2		11A		
14604		XA345	34		XA341	76				16B	9		TM3T0A	05	TS075A	01	3	TD4	C2		16A		
14605		XA341	76		XA327	29				16B	9		TM3T0A	06	TS17MA	01	1	TQ2	F4		37A		
14606		XA327	29										TM3T0A	07	TS052A	01	1	TT3	C2		14B		
14607		XA149	46		XA148	51				16B	9		TM4DSA	01	TM4DSA	00	1	TQ2	D2		21A		M4 AND DATA STRO
14608		XA148	51										TM4DSA	02	TM00BQ	01	1	TDD	GQ		27B		
14609		XA142	08		XA143	20				16B	9		TM4SNO	01	TM4SNO	01	1	TQ2	A1		06A		
14610		XA143	20		XA143	38				16B	9		TM4SNO	02	TMC1BP	01	1	TDD	DP		11A		
14611		XA143	38		XA145	60				16B	9		TM4SNO	03	TMC2BP	01	1	TDD	EP		18A		
14612		XA145	60		XA149	45				16B	9		TM4SNO	04	TM4SNO	01	2	TT3	E2		28A		
14613		XA149	45										TM4SNO	05	TM4SNO	00	1	TQ2	D3		24B		M4 + MEN SYNC FF
14540		XA149	43		XA145	77				16B	9		TM400A	01	TM4SNO	01	2	TQ2	D3		23B		D05
14541		XA145	77		XA122	66				16B	9		TM400A	02	TDIGBR	01	2	TT3	F1		38B		D05
14542		XA122	66		XA115	30				16B	9		TM400A	03	TM0410	01	1	TT3	E1		31A		D05
13951		XA115	30										TM400A	04	TM400A	00	1	TQ2	C2		15A		I10 TIME OUT . S005
14614		XA345	75		XA349	74				16B	9		TM5BR0	01	TS071A	01	1	TD4	F1		37B		
14615		XA349	74		XA349	49				16B	9		TM5BR0	02	TS4M5A	01	4	TD4	F2		35B		
14616		XA349	49		XA149	51				16B	9		TM5BR0	03	TS191A	01	1	TD4	D1		26B		
14617		XA149	51										TM5BR0	04	TM5BR0	00	1	TQ2	D4		27B		M5 OR BURST
14618		XA145	22		XA122	51				16B	9		TM6PEA	01	TM0610	01	1	TT3	B1		12A		
14619		XA122	51										TM6PEA	02	TM6PEA	00	1	TT3	D3		27B		
14620		XA150	55		XA145	24				16B	9		TM6SCA	01	TM6SCA	00	1	TT3	E2		29B		SELECT M6 FROM M
14621		XA145	24										TM6SCA	02	TM0610	01	2	TT3	B1		13A		
14622		XA139	55		XA150	63				16B	9		TNIABA	01	TNIAB0	01	1	THI	E4		29B		
14623		XA150	63										TNIABA	02	TNIABA	00	1	TT3	E3		33B		NOT IND. NOT ACC
14624		XA343	24		XA139	56				16B	9		TNIAB0	01	TS131A	01	2	TT3	B1		13A		
14625		XA139	56										TNIAB0	02	TNIAB0	00	1	THI	E4		28B		NOT IND. NOT ACC
14626		XA142	39		XA140	23				16B	9		TNOIOA	01	TNOIOA	00	1	TQ2	C4		19B		NORMAL. NOT I O
14627		XA140	23										TNOIOA	02	TS01L0	01	1	TQ2	B4		11B		

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	PREFIX	CONNECTOR	PIN	SHEETS	PREFIX	CONNECTOR	PIN	MULTI GROUP	CODE	COLOR	IDENT.	SPEC. INST.											
14628		XA317	77											TPEBA0	01	TPEBM1	01	1	TQ2	D4		38B	SET PARITY ERROR
14629		XA208	51		XA208	51		16B	9					TPEBA0	02	TPEBA0	00	1	TQ2	D4		27B	
14630		XA140	49											TPEBMP	01	TPEBK0	01	2	TQ2	D4		26B	RESET
14631		XA317	76		XA317	76		16B	9					TPEBMP	02	TPEBMP	00	1	TQ2	LP		37A	
14632		XA207	74											TPEBMQ	01	TPEB2A	01	2	TQ2	F3		35B	PRESET IMPUT
14633		XA317	78		XA317	78		16B	9					TPEBMQ	02	TPEBMQ	00	1	TQ2	LQ		38A	
14635		XA208	49											TPEB1A	01	TPEBA0	01	2	TQ2	D4		26B	003
07892		XA305	47		XA305	47		16B	9					TPEB1A	02	TPEB1A	00	1	TQ2	D1		25B	
14637		XA207	69											TPEB2A	01	TPEB2A	00	1	TQ2	F3		35A	PE FLIP FLOP SET
14638		XA208	47		XA208	47		16B	9					TPEB2A	02	TPEBA0	01	1	TQ2	D4		25B	
14639		XA324	65											TPEC1A	01	TPEC10	01	1	TH1	E6		33B	EPL CONTROL PE*
14640		XA323	76		XA323	76		16B	9					TPEC1A	02	TPEC1A	00	1	TH4	F1		37A	
14641		XA319	09											TPEC10	01	TPR30A	01	1	TT3	A3		04B	EPL CONTROL PE*
14642		XA319	03		XA319	06		16B	9					TPEC10	02	TPR20A	01	2	TT3	A2		02A	
14643		XA319	06		XA319	26		16B	9					TPEC10	03	TPR10A	01	1	TT3	A1		05A	
14644		XA319	26		XA324	68		16B	9					TPEC10	04	TPR40A	01	3	TT3	B1		14A	
14645		XA324	68											TPEC10	05	TPEC10	00	1	TH1	E6		32B	
14646		XA217	71											TPEDA0	01	TPEDM1	01	1	TD0	M1		36A	SET DATA MEMORY
14647		XA208	72		XA208	72		16B	9					TPEDA0	02	TPEDA0	00	1	TQ2	F2		34A	
14648		XA206	09											TPEDMP	01	TKMEB0	01	1	TT3	A3		04B	PRERESET
14649		XA217	69		XA136	60		16B	9					TPEDMP	02	TPEDMP	00	1	TD0	MP		35A	
14650		XA136	60											TPEDMP	03	TRCPUA	01	2	TD4	E2		28A	
14651		XA332	03											TPEDMQ	01	TK120A	01	1	TQ2	A3		02A	PRESET
14652		XA217	74		XA207	59		16B	9					TPEDMQ	02	TPEDMQ	00	1	TD0	MQ		35B	
14653		XA207	59											TPEDMQ	03	TPED2A	01	1	TQ2	E4		31B	
14654		XA208	71											TPED1A	01	TPEDA0	01	1	TQ2	F2		36A	DATA PE SET FF
14655		XA207	72		XA207	72		16B	9					TPED1A	02	TPED1A	00	1	TQ2	F2		34A	
14656		XA207	63											TPED2A	01	TPED2A	00	1	TQ2	E4		33B	PE FF SET LEAVE
14657		XA208	73		XA208	73		16B	9					TPED2A	02	TPEDA0	01	2	TQ2	F2		36B	
14658		XA325	69											TPEMAA	01	TPEMAA	00	1	TD4	F2		35A	BITS 0-31 EVEN P
14659		XA208	50		XA208	50		16B	9					TPEMAA	02	TPEM10	01	2	TQ2	D2		23A	
14660		XA315	63											TPEMBA	01	TPEMBA	00	1	TT3	E3		33B	BITS 0-31 ODD PA
14661		XA208	48		XA208	48		16B	9					TPEMBA	02	TPEM10	01	1	TQ2	D2		22A	
14662		XA136	06											TPEM1A	01	TPNC1A	01	1	TD4	A1		05A	
												****	SIGNAL	TPEM1A	IS ON THE		NEXT PAGE	****					

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RECORD NUMBER	FROM				TO				WIRE				SIGNAL	SEQ NO	EQUATION	TERM	FACTOR	CKT OR CHIP TYPE	GROUP	LOAD OR POWER PLANE	TEST POINTS AND/OR	SIGNAL DESCRIPTION	SEQ NO
	PREFIX	CONNECTOR	PIN	DR I/O	PREFIX	CONNECTOR	PIN	DR I/O	WIRE NO	MULTI GROUP	CODE	COLOR											
14703		XA343	48			XA341	42			16B	9			TPE03A	01	TPE70A	01	3	TT3	D2	22A		
14704		XA341	42			XA340	39			16B	9			TPE03A	02	TP0030	01	2	TQ2	C1	20A		
14705		XA340	39											TPE03A	03	TPE03A	00	1	TT3	C3	19B		PARITY 0-1 EVEN,
14706		XA341	31			XA343	50			16B	9			TPE07A	01	TP0070	01	2	TQ2	C3	15A		
14707		XA343	50			XA340	68			16B	9			TPE07A	02	TPE07A	00	1	TT3	D1	23A		PARITY 0-3 ODD,
14708		XA340	68											TPE07A	03	TPEP0A	01	2	TT3	E1	32A		
14709		XA340	54			XA341	24			16B	9			TPE10A	01	TPE30A	01	2	TT3	D1	25A		
14710		XA341	24			XA246	01			16B	9			TPE10A	02	TP0010	01	1	TQ2	B1	13A		
14711		XA246	01											TPE10A	03	TPE10A	00	1	TQ2	A2	02B		PARITY 0*.1*
14712		XA340	33			XA341	20			16B	9			TPE23A	01	TPE03A	01	1	TT3	C3	16B		
14713		XA341	20			XA246	14			16B	9			TPE23A	02	TP0230	01	2	TQ2	B2	11A		
14714		XA246	14											TPE23A	03	TPE23A	00	1	TQ2	B2	09A		PARITY 2.3
14715		XA343	46			XA341	40			16B	9			TPE30A	01	TPE70A	01	2	TT3	D2	21A		
14716		XA341	40			XA340	50			16B	9			TPE30A	02	TP0030	01	1	TQ2	C1	19A		
14717		XA340	50											TPE30A	03	TPE30A	00	1	TT3	D1	23A		PARITY 0-1 ODD,
14718		XA246	21			XA341	18			16B	9			TPE32A	01	TPE32A	00	1	TQ2	B3	10B		PARITY 2*.3*
14719		XA341	18			XA340	35			16B	9			TPE32A	02	TP0230	01	1	TQ2	B2	10A		
14720		XA340	35											TPE32A	03	TPE03A	01	2	TT3	C3	17B		
14721		XA340	45			XA341	19			16B	9			TPE45A	01	TPE74A	01	1	TT3	D3	24B		
14722		XA341	19			XA246	30			16B	9			TPE45A	02	TP0450	01	2	TQ2	B3	09B		
14723		XA246	30											TPE45A	03	TPE45A	00	1	TQ2	C2	15A		PARITY 4.5
14724		XA343	56			XA341	34			16B	9			TPE47A	01	TPE07A	01	3	TT3	D1	26A		
14725		XA341	34			XA340	43			16B	9			TPE47A	02	TP0470	01	1	TQ2	C2	16A		
14726		XA340	43											TPE47A	03	TPE47A	00	1	TT3	D2	23B		PARITY 4-5 EVEN,
14727		XA340	47			XA341	17			16B	9			TPE54A	01	TPE74A	01	2	TT3	D3	25B		
14728		XA341	17			XA246	33			16B	9			TPE54A	02	TP0450	01	1	TQ2	B3	08B		
14729		XA246	33											TPE54A	03	TPE54A	00	1	TQ2	C3	16B		PARITY 4*.5*
14730		XA340	46			XA341	25			16B	9			TPE67A	01	TPE47A	01	2	TT3	D2	21A		
14731		XA341	25			XA246	46			16B	9			TPE67A	02	TP0670	01	2	TQ2	B4	12B		
14732		XA246	46											TPE67A	03	TPE67A	00	1	TQ2	D2	21A		PARITY 6.7
14733		XA340	70			XA343	43			16B	9			TPE70A	01	TPEP0A	01	3	TT3	E1	33A		
14734		XA343	43			XA341	29			16B	9			TPE70A	02	TPE70A	00	1	TT3	D2	23B		PARITY 0-3 EVEN,
14735		XA341	29											TPE70A	03	TP0070	01	1	TQ2	C3	14B		
14736		XA341	36			XA340	51			16B	9			TPE74A	01	TP0470	01	2	TQ2	C2	17A		
14737		XA340	51			XA343	52			16B	9			TPE74A	02	TPE74A	00	1	TT3	D3	27B		PARITY 4-5 ODD,
14738		XA343	52											TPE74A	03	TPE07A	01	1	TT3	D1	24A		
												****	SIGNAL	TPE76A	IS ON THE NEXT PAGE				****				

DRAWING NUMBER		UNIT ASSEMBLY NAME										STRING		UNIT ASSEMBLY NO.		REV		INDEX		DATE		PAGE		ECO NO	
149019-800		CARD CAGE ASSY, I/O UNIT												149019		G		TPE76A		09-03-82		262			
RECORD NUMBER	FROM				TO				WIRE				SIGNAL	SEC NO	EQUATION	TERM	FACTOR	CKT OR CHIP TYPE	GROUP	LOAD GP 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												SPC INST MISC	
14739		XA246	45		XA341	23				16B	9		TPE76A	01	TPE76A	00	1	TQ2	D3		24B	PARITY_6*.7*			
14740		XA341	23		XA340	48				16B	9		TPE76A	02	TP0670	01	1	TQ2	B4		11B				
14741		XA340	48										TPE76A	03	TPE47A	01	3	TT3	D2		22A				
14742		XA339	24		XA342	34				16B	9		TPGNDA	01	TEOPB1	01	1	TDD	CI		13A	GROUND			
14743		XA342	34		XA251	54				16B	9		TPGNDA	02	TPGNDA	01	1	THI	C3		15A				
14744		XA251	54		XA148	68				16B	9		TPGNDA	03	TS24BI	01	1	TDD	GI		25A				
14745		XA148	68		XA113	62				16B	9		TPGNDA	04	TBRSTI	01	1	TDD	J1		32A				
14746		XA113	62										TPGNDA	05	TSTRBI	01	1	TDD	KI		29A				
14747		XA136	11		XA135	35				16B	9		TPNC1A	01	TPNC1A	00	1	TD4	A1		05B	NPL CONTROL.PE*.			
14748		XA135	35										TPNC1A	02	TPNC10	01	1	THI	C2		18A				
14749		XA134	42		XA135	37				16B	9		TPNC10	01	TPN20A	01	3	TT3	C1		20A				
14750		XA135	37		XA134	33				16B	9		TPNC10	02	TPNC10	00	1	THI	C2		17A	NPL CONTROL.PE*.			
14751		XA134	33		XA134	29				16B	9		TPNC10	03	TPN40A	01	1	TT3	C3		16B				
14752		XA134	29		XA134	23				16B	9		TPNC10	04	TPN30A	01	1	TT3	C2		14B				
14753		XA134	23										TPNC10	05	TPN10A	01	2	TT3	B3		11B				
14754		XA332	39		XA135	15				16B	9		TPNO1A	01	TPN01A	00	1	TQ2	C4		19B		TC06*.07*-A		
14755		XA135	15										TPNO1A	02	TPN010	01	1	THI	A6		07B				
14756		XA131	76		XA131	47				16B	9		TPNO10	01	TP120A	01	1	TQ2	F4		37A				
14757		XA131	47		XA131	23				16B	9		TPNO10	02	TP080A	01	1	TQ2	D4		25B				
14758		XA131	23		XA131	10				16B	9		TPNO10	03	TP040A	01	1	TQ2	B4		11B				
14759		XA131	10		XA135	10				16B	9		TPNO10	04	TP000A	01	2	TQ2	A1		07A				
14760		XA135	10										TPNO10	05	TPN010	00	1	THI	A6		06B	TC06*.07*-0			
14761		XA332	52		XA135	22				16B	9		TPNO2A	01	TPN02A	00	1	TQ2	D1		24A	TC06*.07-A			
14762		XA135	22										TPNO2A	02	TPN020	01	1	THI	B1		14A				
14763		XA131	64		XA131	34				16B	9		TPNO20	01	TP090A	01	2	TQ2	E2		30A				
14764		XA131	34		XA131	04				16B	9		TPNO20	02	TP050A	01	1	TQ2	C2		16A				
14765		XA131	04		XA132	04				16B	9		TPNO20	03	TP010A	01	1	TQ2	A2		04A				
14766		XA132	04		XA135	24				16B	9		TPNO20	04	TP130A	01	1	TQ2	A2		04A				
14767		XA135	24										TPNO20	05	TPN020	00	1	THI	B1		13A	TC06*.07-0			
14768		XA332	46		XA135	23				16B	9		TPNO3A	01	TPN03A	00	1	TQ2	D2		21A	TC06.07*-A			
14769		XA135	23										TPNO3A	02	TPN030	01	1	THI	B2		12A				
14770		XA131	59		XA131	35				16B	9		TPNO30	01	TP100A	01	1	TQ2	E4		31B				
14771		XA131	35		XA131	13				16B	9		TPNO30	02	TP060A	01	1	TQ2	C4		17B				
14772		XA131	13		XA132	13				16B	9		TPNO30	03	TP020A	01	2	TQ2	A4		06B				
14773		XA132	13		XA135	25				16B	9		TPNO30	04	TP140A	01	2	TQ2	A4		06B				
14774		XA135	25										TPNO30	05	TPN030	00	1	THI	B2		11A	TC06.07*-0			
14775		XA332	45		XA135	20				16B	9		TPNO4A	01	TPN04A	00	1	TQ2	D3		24B	TC06.07-A			
14776		XA135	20										TPNO4A	02	TPN040	01	1	THI	B3		10A				
14777		XA131	73		XA131	48				16B	9		TPNO40	01	TP110A	01	2	TQ2	F2		36B				
													****	SIGNAL	TPNO40	IS ON THE NEXT PAGE ****									

DRAWING NUMBER 149019-800
 UNIT ASSEMBLY NAME CARD CAGE ASSY, I/O UNIT

STRING

UNIT ASSEMBLY NO. 149019
 FILE IDENT T39BIUX2

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RECORD NUMBER	FROM			TO			WIRE				SIGNAL	SEQ NO	EQUATION	TERM	FAC	CKT OR CHIP TYPE	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	
14778		XA131	48		XA131	18			168	9		TPN040	02	TP070A	01	1	TQ2	D2	22A			
14779		XA131	18		XA132	18			168	9		TPN040	03	TP030A	01	1	TQ2	B2	10A			
14780		XA132	18		XA135	18			168	9		TPN040	04	TP150A	01	1	TQ2	B2	10A			
14781		XA135	18									TPN040	05	TPN040	00	1	THI	B3	09A	TC06.07-0		
14782		XA134	27		XA135	17			168	9		TPN10A	01	TPN10A	00	1	TT3	B3	13B	TC04*.05*.NPL CO		
14783		XA135	17									TPN10A	02	TPN100	01	1	THI	B4	09B			
14784		XA131	11		XA131	05			168	9		TPN100	01	TP020A	01	1	TQ2	A4	05B			
14785		XA131	05		XA131	08			168	9		TPN100	02	TP010A	01	2	TQ2	A2	03B			
14786		XA131	08		XA131	20			168	9		TPN100	03	TP000A	01	1	TQ2	A1	06A			
14787		XA131	20		XA135	14			168	9		TPN100	04	TP030A	01	2	TQ2	B2	11A			
14788		XA135	14									TPN100	05	TPN100	00	1	THI	B4	08B	TC04*.05*.NPL CO		
14789		XA134	36		XA135	21			168	9		TPN20A	01	TPN20A	00	1	TT3	C1	17A	TC04*.05.NPL COM		
14790		XA135	21									TPN20A	02	TPN200	01	1	THI	B5	11B			
14791		XA131	50		XA131	36			168	9		TPN200	01	TP070A	01	2	TQ2	D2	23A			
14792		XA131	36		XA131	37			168	9		TPN200	02	TP050A	01	2	TQ2	C2	17A			
14793		XA131	37		XA131	25			168	9		TPN200	03	TP060A	01	2	TQ2	C4	18B			
14794		XA131	25		XA135	19			168	9		TPN200	04	TP040A	01	2	TQ2	B4	12B			
14795		XA135	19									TPN200	05	TPN200	00	1	THI	B5	10B	TC04*.05.NPL COM		
14796		XA134	31		XA135	27			168	9		TPN30A	01	TPN30A	00	1	TT3	C2	15B	TC04.05*.NPL COM		
14797		XA135	27									TPN30A	02	TPN300	01	1	THI	B6	13B			
14798		XA131	71		XA131	62			168	9		TPN300	01	TP110A	01	1	TQ2	F2	36A			
14799		XA131	62		XA131	61			168	9		TPN300	02	TP090A	01	1	TQ2	E2	29A			
14800		XA131	61		XA131	49			168	9		TPN300	03	TP100A	01	2	TQ2	E4	32B			
14801		XA131	49		XA135	26			168	9		TPN300	04	TP080A	01	2	TQ2	D4	26B			
14802		XA135	26									TPN300	05	TPN300	00	1	THI	B6	12B	TC04.05*.NPL COM		
14803		XA134	39		XA135	38			168	9		TPN40A	01	TPN40A	00	1	TT3	C3	19B	TC04.05.NPL CONT		
14804		XA135	38									TPN40A	02	TPN400	01	1	THI	C1	20A			
14805		XA132	05		XA132	11			168	9		TPN400	01	TP130A	01	2	TQ2	A2	03B			
14806		XA132	11		XA132	20			168	9		TPN400	02	TP140A	01	1	TQ2	A4	05B			
14807		XA132	20		XA135	40			168	9		TPN400	03	TP150A	01	2	TQ2	B2	11A			
14808		XA135	40		XA131	78			168	9		TPN400	04	TPN400	00	1	THI	C1	19A	TC04.05.NPL CONT		
14809		XA131	78									TPN400	05	TP120A	01	2	TQ2	F4	38A			
14810		XA247	19		XA138	23			168	9		TPQRSA	01	TDC010	01	3	TS8	B1	09B			
14811		XA138	23		XA135	63			168	9		TPQRSA	02	TBMAA0	01	1	TQ2	B4	11B			
14812		XA135	63		XA134	76			168	9		TPQRSA	03	TPQRSA	00	1	THI	E2	30A	Q REG/PAR REG CO		
14813		XA134	76		XA334	05			168	9		TPQRSA	04	TDC0250	01	2	TT3	F3	37A			
14814		XA334	05		XA334	26			168	9		TPQRSA	05	TDC420	01	3	TS8	A1	03B			
14815		XA334	26		XA334	42			168	9		TPQRSA	06	TDC610	01	8	TS8	B1	14A			
14816		XA334	42		XA334	49			168	9		TPQRSA	07	TDC620	01	8	TS8	C1	20A			
14817		XA334	49									TPQRSA	08	TDC820	01	4	TS8	D1	26B			
												****	SIGNAL	TPQRSO	IS ON THE NEXT PAGE				****			

DRAWING NUMBER		149019-800										STRING		UNIT ASSEMBLY NO.		149019		REV		G		INDEX		TPQRS0	
UNIT ASSEMBLY NAME		CARD CAGE ASSY, I/O UNIT										FILE IDENT		T39B IUX2		DATE		09-03-82		PAGE		264			
RECORD NUMBER	FROM				TO				WIRE				SIGNAL	SEQ NO	EQUATION	TERM	FACTOR	CKT OR CHIP TYPE	GROW	LOAD OR POWER PLANE	TEST POINTS (AND/OR)	SIGNAL DESCRIPTION	ECO NO		
	PREFIX	CONNECTOR	PIN	BR	PREFIX	CONNECTOR	PIN	BR	MULTI-GROUP	CODE	COLOR	IDENT												SPEC INST	PLATE
14818		XA135	61			XA133	63			16B	9		TPQRS0	01	TPQRSA	01	1	THI	E2		31A				
14819		XA133	63										TPQRS0	02	TPQRS0	00	1	TQ2	E4		33B	Q REG/PAR REG CO			
14820		XA128	01			XA133	51			16B	9		TPR01A	01	TDS000	01	1	TS8	A1		02B				
14821		XA133	51										TPR01A	02	TPR01A	00	1	TQ2	D4		27B	PAR EPL BIT 00 P			
14822		XA132	08			XA135	34			16B	9		TPR010	01	TP121A	01	1	TQ2	A1		06A				
14823		XA135	34			XA133	47			16B	9		TPR010	02	TPR010	00	1	THI	C3		15A	TC14*.15*-0			
14824		XA133	47			XA131	40			16B	9		TPR010	03	TPR01A	01	1	TQ2	D4		25B				
14825		XA131	40			XA131	70			16B	9		TPR010	04	TP041A	01	1	TQ2	C1		19A				
14826		XA131	70										TPR010	05	TP081A	01	2	TQ2	E1		33A				
14827		XA131	53			XA131	31			16B	9		TPR020	01	TP091A	01	1	TQ2	E3		28B				
14828		XA131	31			XA131	03			16B	9		TPR020	02	TP051A	01	2	TQ2	C3		15B				
14829		XA131	03			XA132	07			16B	9		TPR020	03	TP011A	01	1	TQ2	A3		02A				
14830		XA132	07			XA135	30			16B	9		TPR020	04	TP131A	01	2	TQ2	A3		03A				
14831		XA135	30										TPR020	05	TPR020	00	1	THI	C4		14B	TC14*.15-0			
14832		XA131	79			XA131	54			16B	9		TPR030	01	TP101A	01	2	TQ2	F1		39B				
14833		XA131	54			XA131	24			16B	9		TPR030	02	TP061A	01	1	TQ2	D1		25A				
14834		XA131	24			XA132	24			16B	9		TPR030	03	TP021A	01	1	TQ2	B1		13A				
14835		XA132	24			XA135	31			16B	9		TPR030	04	TP141A	01	1	TQ2	B1		13A				
14836		XA135	31										TPR030	05	TPR030	00	1	THI	C5		16B	TC14.15*-0			
14837		XA131	65			XA131	41			16B	9		TPR040	01	TP111A	01	1	TQ2	F3		34B				
14838		XA131	41			XA131	19			16B	9		TPR040	02	TP071A	01	1	TQ2	D3		22B				
14839		XA131	19			XA132	19			16B	9		TPR040	03	TP031A	01	2	TQ2	B3		09B				
14840		XA132	19			XA135	42			16B	9		TPR040	04	TP151A	01	2	TQ2	B3		09B				
14841		XA135	42										TPR040	05	TPR040	00	1	THI	C6		18B	TC14.15-0			
14842		XA324	20			XA319	04			16B	9		TPR10A	01	TPR100	01	1	THI	B3		10A				
14843		XA319	04										TPR10A	02	TPR10A	00	1	TT3	A1		04A	TC12*.13* EPL CO			
14844		XA131	07			XA131	17			16B	9		TPR100	01	TP011A	01	2	TQ2	A3		03A				
14845		XA131	17			XA131	26			16B	9		TPR100	02	TP031A	01	1	TQ2	B3		08B				
14846		XA131	26			XA133	49			16B	9		TPR100	03	TP021A	01	2	TQ2	B1		14A				
14847		XA133	49			XA324	18			16B	9		TPR100	04	TPR01A	01	2	TQ2	D4		26B				
14848		XA324	18										TPR100	05	TPR100	00	1	THI	B3		09A	TC12*.13* EPL CO			
14849		XA319	07			XA324	17			16B	9		TPR20A	01	TPR20A	00	1	TT3	A2		03A	TC12*.13.EPL CON			
14850		XA324	17										TPR20A	02	TPR200	01	1	THI	B4		09B				
14851		XA131	29			XA131	43			16B	9		TPR200	01	TP051A	01	1	TQ2	C3		14B				
14852		XA131	43			XA131	42			16B	9		TPR200	02	TP071A	01	2	TQ2	D3		23B				
14853		XA131	42			XA131	56			16B	9		TPR200	03	TP041A	01	2	TQ2	C1		20A				
14854		XA131	56			XA324	14			16B	9		TPR200	04	TP061A	01	2	TQ2	D1		26A				
14855		XA324	14										TPR200	05	TPR200	00	1	THI	B4		08B	TC12*.13 .EPL CO			
14856		XA319	15			XA324	21			16B	9		TPR30A	01	TPR30A	00	1	TT3	A3		07B	TC12.13* EPL CON			
14857		XA324	21										TPR30A	02	TPR300	01	1	THI	B5		11B				

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UNIT ASSEMBLY NAME CARD CAGE ASSY, I/O UNIT

STRING

UNIT ASSEMBLY NO. 149019
FILE IDENT T39BIUX2

REV G
DATE 09-03-82

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RECORD NUMBER	FROM				TO				WIRE				SIGNAL	SEC NO	EQUATION	TERM	FACTOR	CKT OR CHIP TYPE	COMP	LOAD OR POWER PLANE	TEST POINTS AND/OR	SIGNAL DESCRIPTION	SCO NO	
	PREFIX	CONNECTOR	PIN	EMTS	PREFIX	CONNECTOR	PIN	EMTS	MULTI GROUP	CODE	COLOR	IDENT												SPEC. VALUE
14858		XA131	55		XA131	68				16B	9			TPR300	01	TP091A	01	2	TQ2	E3		29B		
14859		XA131	68		XA131	74				16B	9			TPR300	02	TP081A	01	1	TQ2	E1		32A		
14860		XA131	74		XA131	77				16B	9			TPR300	03	TP111A	01	2	TQ2	F3		39B		
14861		XA131	77		XA324	19				16B	9			TPR300	04	TP101A	01	1	TQ2	F1		38B		
14862		XA324	19											TPR300	05	TPR300	00	1	THI	B5		10B	TC12.13* EPL CON	
14863		XA319	20		XA324	27				16B	9			TPR40A	01	TPR40A	00	1	TT3	B1		11A	TC12.13 EPL CONT	
14864		XA324	27											TPR40A	02	TPR400	01	1	THI	B6		13B		
14865		XA132	03		XA132	10				16B	9			TPR400	01	TP131A	01	1	TQ2	A3		02A		
14866		XA132	10		XA132	17				16B	9			TPR400	02	TP121A	01	2	TQ2	A1		07A		
14867		XA132	17		XA132	26				16B	9			TPR400	03	TP151A	01	1	TQ2	B3		08B		
14868		XA132	26		XA324	26				16B	9			TPR400	04	TP141A	01	2	TQ2	B1		14A		
14869		XA324	26											TPR400	05	TPR400	00	1	THI	B6		12B	TC12.13 EPL CONT	
14870		XA350	33		XA135	62				16B	9			TPSCAA	01	TPSCAA	00	1	TQ2	C3		16B	PAR REG SELECT C	
14871		XA135	62		XA133	64				16B	9			TPSCAA	02	TD2880	01	1	THI	E3		29A		
14872		XA133	64		XA133	61				16B	9			TPSCAA	03	TD2680	01	2	TQ2	E2		30A		
14873		XA133	61		XA133	53				16B	9			TPSCAA	04	TPQRS0	01	2	TQ2	F4		32B		
14874		XA133	53											TPSCAA	05	TD2780	01	1	TQ2	E3		28B		
14875		XA133	72		XA128	36				16B	9			TPSTEA	01	TPSTEA	00	1	TQ2	F2		34A	POST E BIT IF IN	
14876		XA128	36											TPSTEA	02	TD080	01	4	TS8	CI		17A		
14877		XA128	13		XA133	69				16B	9			TPSTFA	01	TD000	01	8	TS8	A1		06B		
14878		XA133	69											TPSTFA	02	TPSTFA	00	1	TQ2	F3		35A	POST F BIT IF BL	
14879		XA133	80		XA128	26				16B	9			TPSTIA	01	TPSTIA	00	1	TQ2	F4		39A	POST I BIT IF IN	
14880		XA128	26											TPSTIA	02	TD010	01	8	TS8	B1		14A		
14881		XA150	41		XA151	53				16B	9			TPS10A	01	TBCRSA	01	1	TT3	O2		22B		
14882		XA151	53		XA141	60				16B	9			TPS10A	02	TBC1BQ	01	1	TDD	KQ		28B		
14883		XA141	60											TPS10A	03	TPS10A	00	1	TQ2	E2		28A	BYTE COUNT 1 SET	
14884		XA137	63		XA141	62				16B	9			TPS100	01	TPS100	00	1	TT3	E3		33B	BYTE COUNT 1 SET	
14885		XA141	62											TPS100	02	TPS10A	01	1	TQ2	E2		29A		
14886		XA142	45		XA137	57				16B	9			TPS11A	01	TPS11A	00	1	TQ2	D3		24B	STATE 7.12	
14887		XA137	57											TPS11A	02	TPS100	01	1	TT3	E3		30B		
14888		XA305	24		XA351	80				16B	9			TPS12A	01	TI2100	01	2	TD4	B1		13A		
14889		XA351	80		XA137	61				16B	9			TPS12A	02	TPS12A	00	1	TT3	F3		39A	OFR + DEV +800TST	
14890		XA137	61											TPS12A	03	TPS100	01	3	TT3	E3		32B		
14891		XA142	66		XA137	59				16B	9			TPS13A	01	TPS13A	00	1	TQ2	E1		31A	I3-STATE 23 SHIF	
14892		XA137	59											TPS13A	02	TPS100	01	2	TT3	E3		31B		
14893		XA151	80		XA151	65				16B	9			TPS20A	01	TBC2BQ	01	1	TDD	LQ		39A		
														****	SIGNAL	TPS20A			IS ON THE	NEXT PAGE	****			

DRAWING NUMBER 149019-800
 UNIT ASSEMBLY NAME CARD CAGE ASSY, I/O UNIT

STRING

UNIT ASSEMBLY NO. 149019
 FILE IDENT T39BIUX2
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 DATE 09-03-82
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RECORD NUMBER	FROM				TO				WIRE				SIGNAL	SEC NO	EQUATION	TERM	FACTOR	CKT OR CHIP TYPE	GROUP	LOAD CP POWER PLANE	TEST POINTS	SIGNAL DESCRIPTION	ECO NO	
	PREFIX	CONNECTOR	PIN	SH 10	PREFIX	CONNECTOR	PIN	SH 10	MULTI GROUP	CODE	COLOR	IDENT												SH 10
14894		XA151	65		XA148	65			16B	9			TPS20A	02	TBC3BQ	01	1	TDD	MQ		34B			
14895		XA148	65		XA142	51			16B	9			TPS20A	03	TBC4BQ	01	1	TDD	MQ		34B			
14896		XA142	51										TPS20A	04	TPS20A	00	1	TQ2	D4		27B	BYTE COUNT 2 SET		
14897		XA141	57		XA142	49			16B	9			TPS200	01	TPS200	00	1	TQ2	F3		30B	BYTE COUNT 2 SET		
14898		XA142	49										TPS200	02	TPS20A	01	2	TQ2	D4		26B			
14899		XA327	74		XA141	53			16B	9			TPS21A	01	TPS21A	00	1	TT3	F2		35B	STATE 7.12.WORD		
14900		XA141	53										TPS21A	02	TPS200	01	1	TQ2	E3		28B			
14901		XA442	46		XA433	01			16B	9			TPUSAA	01	TSSGBN	01	1	TDD	HN		21A			
14902		XA433	01		XA414	43			16B	9			TPUSAA	02	TSSGCN	01	1	TDD	BN		02B			
14903		XA414	43		XA405	79			16B	9			TPUSAA	03	TPUSAA	00	1	TT3	D2		23B	START CONTROL REG		
14904		XA405	79										TPUSAA	04	TSSGAN	01	1	TDD	LN		39B			
14905		XA128	05		XA131	06			16B	9			TP000A	01	TDS000	01	3	TS8	A1		03B			
14906		XA131	06										TP000A	02	TP000A	00	1	TQ2	A1		05A	PAR NPL BIT 00 P		
14907		XA340	37		XA341	22			16B	9			TP0010	01	TPE03A	01	3	TT3	C3		18B			
14908		XA341	22										TP0010	02	TP0010	00	1	TQ2	B1		12A	PARITY 0-1 EVEN		
14909		XA343	54		XA341	38			16B	9			TP0030	01	TPE07A	01	2	TT3	D1		25A			
14910		XA341	38										TP0030	02	TP0030	00	1	TQ2	C1		18A	PARITY 0-3 ODD		
14911		XA426	70		XA208	04			16B	9			TP007A	01	TP007A	00	1	TH1	F3		34B			
14912		XA208	04										TP007A	02	TDLPA	01	1	TQ2	A2		04A			
14913		XA239	65		XA341	33			16B	9			TP0070	01	TPE0PA	01	1	TQ2	F3		34B			
14914		XA341	33		XA426	69			16B	9			TP0070	02	TP0070	00	1	TQ2	C3		16B	PARITY 0-7 ODD		
14915		XA426	69										TP0070	03	TP007A	01	1	TH1	F3		35B			
14916		XA131	01		XA128	24			16B	9			TP010A	01	TP010A	00	1	TQ2	A2		02B	PAR NPL BIT 01 P		
14917		XA128	24										TP010A	02	TDS010	01	6	TS8	B1		13A			
14918		XA128	22		XA131	09			16B	9			TP011A	01	TDS010	01	5	TS8	B1		12A			
14919		XA131	09										TP011A	02	TP011A	00	1	TQ2	A3		04B	PAR EPL BIT 01 P		
14920		XA129	08		XA131	15			16B	9			TP020A	01	TDS020	01	2	TQ4	A1		06A			
14921		XA131	15										TP020A	02	TP020A	00	1	TQ2	A4		07B	PAR NPL BIT 02 P		
14922		XA131	22		XA129	13			16B	9			TP021A	01	TP021A	00	1	TQ2	B1		12A	PAR EPL BIT 02 P		
14923		XA129	13										TP021A	02	TDS020	01	4	TQ4	A1		06B			
14924		XA340	52		XA341	14			16B	9			TP0230	01	TPE30A	01	1	TT3	O1		24A			
14925		XA341	14										TP0230	02	TP0230	00	1	TQ2	B2		09A	EVEN PARITY 2-3		
14926		XA129	07		XA131	14			16B	9			TP030A	01	TDS030	01	4	TQ4	A2		03A			
14927		XA131	14										TP030A	02	TP030A	00	1	TQ2	B2		09A	PAR NPL BIT 03 P		
14928		XA131	21		XA129	05			16B	9			TP031A	01	TP031A	00	1	TQ2	B3		10B	PAR EPL BIT 03 P		
												****	SIGNAL	(TP031A)			S ON THE	NEXT PAGE		****				

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RECORD NUMBER	DRAWING NUMBER		STRING										UNIT ASSEMBLY NO.		G		TP031A		
	149019-800												149019		09-03-82		PAGE 267		
	UNIT ASSEMBLY NAME		CARD CAGE ASSY, I/O UNIT										FILE IDENT		T39BIUX2				
FROM				TO				WIRE				SIGNAL		EQUATION		TEST POINT		FUNCTION	
	PREFIX	CONNECTOR	PIN	PREFIX	CONNECTOR	PIN	MULTI GROUP	CODE	COLOR	IDEN*	SPEC. INST. MUS.		SIG. NO.	EQUATION	TEST POINT	TEST POINT		FUNCTION	
14929		XA129	05									TP031A	02	TDS030	01 3	T04 A2	03B		
14930		XA129	26	XA131	27		16B	9				TP040A	01	TDS040	01 4	T04 B1	14A	PAR NPL BIT 04 P	
14931		XA131	27									TP040A	02	TP040A	00 1	TQ2 B4	13B		
14932		XA131	38	XA129	22		16B	9				TP041A	01	TP041A	00 1	TQ2 C1	18A	PAR EPL BIT 04 P	
14933		XA129	22									TP041A	02	TDS040	01 1	T04 B1	12A		
14934		XA340	41	XA341	21		16B	9				TP0450	01	TPE47A	01 1	TT3 D2	22B		
14935		XA341	21									TP0450	02	TP0450	00 1	TQ2 B3	10B	PARITY 4-5 EVEN	
14936		XA343	41	XA341	30		16B	9				TP0470	01	TPE70A	01 1	TT3 D2	22B		
14937		XA341	30									TP0470	02	TP0470	00 1	TQ2 C2	15A	PARITY 4-7 ODD	
14938		XA129	20	XA131	30		16B	9				TP050A	01	TDS050	01 4	T04 B2	11A		
14939		XA131	30									TP050A	02	TP050A	00 1	TQ2 C2	15A	PAR NPL BIT 05 P	
14940		XA131	33	XA129	19		16B	9				TP051A	01	TP051A	00 1	TQ2 C3	16B	PAR EPL BIT 05 P	
14941		XA129	19									TP051A	02	TDS050	01 3	T04 B2	09B		
14942		XA129	40	XA131	39		16B	9				TP060A	01	TDS060	01 3	T04 C1	19A		
14943		XA131	39									TP060A	02	TP060A	00 1	TQ2 C4	19B	PAR NPL BIT 06 P	
14944		XA131	52	XA129	37		16B	9				TP061A	01	TP061A	00 1	TQ2 D1	24A	PAR EPL BIT 06 P	
14945		XA129	37									TP061A	02	TDS060	01 1	T04 C1	18B		
14946		XA340	49	XA341	27		16B	9				TP0670	01	TPE74A	01 3	TT3 D3	26B		
14947		XA341	27									TP0670	02	TP0670	00 1	TQ2 B4	13B	PARITY 6-7 EVEN	
14948		XA129	34	XA131	46		16B	9				TP070A	01	TDS070	01 3	T04 C2	16A		
14949		XA131	46									TP070A	02	TP070A	00 1	TQ2 D2	21A	PAR NPL BIT 07 P	
14950		XA131	45	XA129	36		16B	9				TP071A	01	TP071A	00 1	TQ2 D3	24B	PAR EPL BIT 07 P	
14951		XA129	36									TP071A	02	TDS070	01 4	T04 C2	17A		
14952		XA128	37	XA131	51		16B	9				TP080A	01	TDS080	01 5	TS8 C1	18B		
14953		XA131	51									TP080A	02	TP080A	00 1	TQ2 D4	27B	PAR NPL BIT 08 P	
14954		XA131	66	XA128	31		16B	9				TP081A	01	TP081A	00 1	TQ2 E1	31A	PAR EPL BIT 08 P	
14955		XA128	31									TP081A	02	TDS080	01 2	TS8 C1	15B		
14956		XA128	43	XA131	60		16B	9				TP090A	01	TDS090	01 1	TS8 D1	23B		
14957		XA131	60									TP090A	02	TP090A	00 1	TQ2 E2	29A	PAR NPL BIT 09 P	
14958		XA131	57	XA128	56		16B	9				TP091A	01	TP091A	00 1	TQ2 E3	30B	PAR EPL BIT 09 P	
14959		XA128	56									TP091A	02	TDS090	01 8	TS8 D1	26A		
14960		XA129	56	XA131	63		16B	9				TP100A	01	TDS100	01 4	T04 D1	26A		
14961		XA131	63									TP100A	02	TP100A	00 1	TQ2 E4	33B	PAR NPL BIT 10 P	
****												SIGNAL (TP101A)		IS ON THE NEXT PAGE ****					

DRAWING NUMBER 149019-800
 UNIT ASSEMBLY NAME CARD CAGE ASSY, I/O UNIT

STRING

UNIT ASSEMBLY NO. 149019
 FILE IDENT T39BIUX2

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RECORD NUMBER	FROM			TO			WIRE				SIGNAL	SEQ NO	EQUATION	T TERM	FACTORY	CKT OR CHIP TYPE	LOAD OF POWER PLANE	TEST POINTS AND OR	SIGNAL DESCRIPTION	ECO NO
	PREFIX	CONNECTOR	PIN	PREFIX	CONNECTOR	PIN	MULTI GROUP	CODE	COLOR	IDENT										
14962		XA131	75		XA129	52		16B	9		TP101A	01	TP101A	00	1	TQ2	F1	37B	PAR EPL BIT 10 P	
14963		XA129	52								TP101A	02	TDS100	01	2	TQ4	D1	24A		
14964		XA129	46		XA131	72		16B	9		TP110A	01	TDS110	01	2	TQ4	D2	21A		
14965		XA131	72								TP110A	02	TP110A	00	1	TQ2	F2	34A	PAR NPL BIT 11 P	
14966		XA131	69		XA129	50		16B	9		TP111A	01	TP111A	00	1	TQ2	F3	35A	PAR EPL BIT 11 P	
14967		XA129	50								TP111A	02	TDS110	01	4	TQ4	D2	23A		
14968		XA129	61		XA131	80		16B	9		TP120A	01	TDS120	01	1	TQ4	E1	32B		
14969		XA131	80								TP120A	02	TP120A	00	1	TQ2	F4	39A	PAR NPL BIT 12 P	
14970		XA132	06		XA129	68		16B	9		TP121A	01	TP121A	00	1	TQ2	A1	05A	PAR EPL BIT 12 P	
14971		XA129	68								TP121A	02	TDS120	01	3	TQ4	E1	32A		
14972		XA129	62		XA132	01		16B	9		TP130A	01	TDS130	01	3	TQ4	E2	29A		
14973		XA132	01								TP130A	02	TP130A	00	1	TQ2	A2	02B	PAR NPL BIT 13 P	
14974		XA132	09		XA129	64		16B	9		TP131A	01	TP131A	00	1	TQ2	A3	04B	PAR EPL BIT 13 P	
14975		XA129	64								TP131A	02	TDS130	01	4	TQ4	E2	30A		
14976		XA129	79		XA132	15		16B	9		TP140A	01	TDS140	01	4	TQ4	F1	39B		
14977		XA132	15								TP140A	02	TP140A	00	1	TQ2	A4	07B	PAR NPL BIT 14 P	
14978		XA132	22		XA129	77		16B	9		TP141A	01	TP141A	00	1	TQ2	B1	12A	PAR EPL BIT 14 P	
14979		XA129	77								TP141A	02	TDS140	01	2	TQ4	F1	38B		
14980		XA132	14		XA129	73		16B	9		TP150A	01	TP150A	00	1	TQ2	B2	09A	PAR NPL BIT 15 P	
14981		XA129	73								TP150A	02	TDS150	01	3	TQ4	F2	36B		
14982		XA129	74		XA132	21		16B	9		TP151A	01	TDS150	01	4	TQ4	F2	35B		
14983		XA132	21								TP151A	02	TP151A	00	1	TQ2	B3	10B	PAR EPL BIT 15 P	
14984		XA213	65		XA309	50		16B	9		TQB00A	01	TQB000	01	1	THI	E6	33B		
14985		XA309	50								TQB00A	02	TQB00A	00	1	TT3	D1	23A	Q BIT POST 00-A	
14986		XA133	23		XA132	25		16B	9		TQB000	01	TQ240A	01	1	TQ2	B4	11B		
14987		XA132	25		XA132	47		16B	9		TQB000	02	TQ000A	01	2	TQ2	B4	12B		
14988		XA132	47		XA132	76		16B	9		TQB000	03	TQ080A	01	1	TQ2	D4	25B		
14989		XA132	76		XA213	68		16B	9		TQB000	04	TQ160A	01	1	TQ2	F4	37A		
14990		XA213	68								TQB000	05	TQB000	00	1	THI	E6	32B	Q BIT POST PARTI	
14991		XA309	43		XA213	79		16B	9		TQB01A	01	TQB01A	00	1	TT3	D2	23B	Q BIT POST 01-A	
14992		XA213	79								TQB01A	02	TQB010	01	1	THI	F1	39C		
14993		XA133	08		XA133	42		16B	9		TQB010	01	TQ170A	01	1	TQ2	A1	06A		
14994		XA133	42		XA132	40		16B	9		TQB010	02	TQB010	01	2	TQ2	C1	20A		
14995		XA132	40		XA132	70		16B	9		TQB010	03	TQ010A	01	1	TQ2	C1	19A		
14996		XA132	70		XA213	80		16B	9		TQB010	04	TQ090A	01	2	TQ2	E1	33A		
14997		XA213	80								TQB010	05	TQB010	00	1	THI	F1	38B	IT POST ARTI	

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DRAWING NUMBER		149019-800		STRING		UNIT ASSEMBLY NO.		149019		KEY		INDEX		TQBD10					
UNIT ASSEMBLY NAME		CARD CAGE ASSY, I/O UNIT				FILE IDENT		T3981UX2		DATE		09-03-82		PAGE		269			
RECORD NUMBER	FROM PREFIX	CONNECTOR	PIN	TO PREFIX	CONNECTOR	PIN	WIRE MULT. CODE	LODR	IDENT	SIGNAL	EQ. NO.	EQUATION	TERM.	FEAT.	INT. OR EX. TYPE	POS. OR AL. PLAN	TEST POINT NO.	SIGNAL DESCRIPTION	ECO NO.
14998		XA309	51		XA213	73				TQB02A	01	TQB02A	00	1	TT3	03	27B	Q BIT POST 02-A	
14999		XA213	73							TQB02A	02	TQB020	01	1	THI	F2	37B		
15000		XA133	04		XA133	36				TQB020	01	TQ180A	01	1	TQ2	A2	04A		
15001		XA133	36		XA132	34				TQB020	02	TQ260A	01	2	TQ2	C2	17A		
15002		XA132	34		XA132	64				TQB020	03	TQ020A	01	1	TQ2	C2	16A		
15003		XA132	64		XA213	71				TQB020	04	TQ100A	01	2	TQ2	E2	30A		
15004		XA213	71							TQB020	05	TQB020	00	1	THI	F2	36B	Q BIT POST PARTI	
15005		XA309	64		XA213	69				TQB03A	01	TQB03A	00	1	TT3	E1	30A	Q BIT POST 03-A	
15006		XA213	69							TQB03A	02	TQB030	01	1	THI	F3	35B		
15007		XA133	07		XA133	29				TQB030	01	TQ190A	01	2	TQ2	A3	03A		
15008		XA133	29		XA132	31				TQB030	02	TQ270A	01	1	TQ2	C3	14B		
15009		XA132	31		XA132	53				TQB030	03	TQ030A	01	2	TQ2	C3	15B		
15010		XA132	53		XA213	70				TQB030	04	TQ110A	01	1	TQ2	E3	28B		
15011		XA213	70							TQB030	05	TQB030	00	1	THI	F3	34B	Q BIT POST PARTI	
15012		XA315	74		XA213	74				TQB04A	01	TQB04A	00	1	TT3	F2	35B	Q BIT POST 04-A	
15013		XA213	74							TQB04A	02	TQB040	01	1	THI	F4	35A		
15014		XA133	13		XA133	35				TQB040	01	TQ200A	01	2	TQ2	A4	06B		
15015		XA133	35		XA132	37				TQB040	02	TQ280A	01	1	TQ2	C4	17B		
15016		XA132	37		XA132	59				TQB040	03	TQ040A	01	2	TQ2	C4	18B		
15017		XA132	59		XA213	72				TQB040	04	TQ120A	01	1	TQ2	E4	31B		
15018		XA213	72							TQB040	05	TQB040	00	1	THI	F4	34A	Q BIT POST PARTI	
15019		XA315	80		XA213	76				TQB05A	01	TQB05A	00	1	TT3	F3	39A	Q BIT POST 05-A	
15020		XA213	76							TQB05A	02	TQB050	01	1	THI	F5	37A		
15021		XA133	24		XA133	54				TQB050	01	TQ210A	01	1	TQ2	B1	13A		
15022		XA133	54		XA132	54				TQB050	02	TQ290A	01	1	TQ2	D1	25A		
15023		XA132	54		XA132	77				TQB050	03	TQ050A	01	1	TQ2	D1	25A		
15024		XA132	77		XA213	78				TQB050	04	TQ130A	01	1	TQ2	F1	38B		
15025		XA213	78							TQB050	05	TQB050	00	1	THI	F5	36A	Q BIT POST PARTI	
15026		XA314	75		XA213	75				TQB06A	01	TQB06A	00	1	TQ2	F1	37B	Q BIT POST 06-A	
15027		XA213	75							TQB06A	02	TQB060	01	1	THI	F6	39A		
15028		XA133	18		XA133	50				TQB060	01	TQ220A	01	1	TQ2	B2	10A		
15029		XA133	50		XA132	48				TQB060	02	TQ300A	01	2	TQ2	D2	23A		
15030		XA132	48		XA132	73				TQB060	03	TQ060A	01	1	TQ2	D2	22A		
15031		XA132	73		XA213	77				TQB060	04	TQ140A	01	2	TQ2	F2	36B		
15032		XA213	77							TQB060	05	TQB060	00	1	THI	F6	38A	Q BIT POST PARTI	
15033		XA310	75		XA314	72				TQB07A	01	TQB070	01	1	THI	F6	39A		
15034		XA314	72							TQB07A	02	TQB07A	00	1	TQ2	F2	34A	Q BIT POST 07-A	
										****	SIGNAL (TQB070)			IS ON THE	NEXT PAGE	****			

DRAWING NUMBER 149019-800
 UNIT ASSEMBLY NAME CARD CAGE ASSY, I/O UNIT

STRING

UNIT ASSEMBLY NO. 149019
 FILE IDENT T398IUX2

REV G
 DATE 09-03-82

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RECORD NUMBER	FROM				TO				WIRE			SIGNAL	SEC NO	EQUATION	TERM	FACTOR	CKT OR CHIP TYPE	SAMP	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												EVENT	
15035		XA133	19		XA133	41			16B	9			TQ8D70	01	TQ230A	01	2	TQ2	B3		09B			
15036		XA133	41		XA132	43			16B	9			TQ8D70	02	TQ310A	01	1	TQ2	D3		22B			
15037		XA132	43		XA132	65			16B	9			TQ8D70	03	TQ070A	01	2	TQ2	D3		23B			
15038		XA132	65		XA310	77			16B	9			TQ8D70	04	TQ150A	01	1	TQ2	F3		34B			
15039		XA310	77										TQ8D70	05	TQ8D70	00	1	THI	F6		38A		Q BIT POST PARTI	
15040		XA134	19		XA135	09			16B	9			TQBPA0	01	TQBPA0	00	1	TT3	B2		09B		Q REG BIT POST C	
15041		XA135	09										TQBPA0	02	TQBPA0	01	1	THI	A5		05B			
15042		XA134	05		XA134	09			16B	9			TQBPA0	01	TQBY2A	01	3	TT3	A2		03B			
15043		XA134	09		XA134	10			16B	9			TQBPA0	02	TQBY3A	01	1	TT3	A3		04B			
15044		XA134	10		XA135	07			16B	9			TQBPA0	03	TQBY1A	01	3	TT3	A1		07A			
15045		XA135	07		XA134	22			16B	9			TQBPA0	04	TQBPA0	00	1	THI	A5		04B		Q REQ BIT POST C	
15046		XA134	22										TQBPA0	05	TQBY4A	01	1	TT3	B1		12A			
15047		XA134	04		XA135	11			16B	9			TQBY1A	01	TQBY1A	00	1	TT3	A1		04A		Q REG BYTE 1.CON	
15048		XA135	11										TQBY1A	02	TQBY10	01	1	THI	A1		07A			
15049		XA132	56		XA132	50			16B	9			TQBY10	01	TQ050A	01	2	TQ2	D1		26A			
15050		XA132	50		XA132	41			16B	9			TQBY10	02	TQ060A	01	2	TQ2	D2		23A			
15051		XA132	41		XA132	42			16B	9			TQBY10	03	TQ070A	01	1	TQ2	D3		22B			
15052		XA132	42		XA132	36			16B	9			TQBY10	04	TQ010A	01	2	TQ2	C1		20A			
15053		XA132	36		XA132	35			16B	9			TQBY10	05	TQ020A	01	2	TQ2	C2		17A			
15054		XA132	35		XA132	29			16B	9			TQBY10	06	TQ040A	01	1	TQ2	C4		17B			
15055		XA132	29		XA132	23			16B	9			TQBY10	07	TQ030A	01	1	TQ2	C3		14B			
15056		XA132	23		XA135	13			16B	9			TQBY10	08	TQ000A	01	1	TQ2	B4		11B			
15057		XA135	13										TQBY10	09	TQBY10	00	1	THI	A1		06A		Q REG BYTE 1.CON	
15058		XA134	07		XA135	06			16B	9			TQBY2A	01	TQBY2A	00	1	TT3	A2		03A		Q REG BYTE 2.CON	
15059		XA135	06										TQBY2A	02	TQBY20	01	1	THI	A2		05A			
15060		XA132	79		XA132	71			16B	9			TQBY20	01	TQ130A	01	2	TQ2	F1		39B			
15061		XA132	71		XA132	74			16B	9			TQBY20	02	TQ140A	01	1	TQ2	F2		36A			
15062		XA132	74		XA132	68			16B	9			TQBY20	03	TQ150A	01	2	TQ2	F3		35B			
15063		XA132	68		XA132	62			16B	9			TQBY20	04	TQ090A	01	1	TQ2	E1		32A			
15064		XA132	62		XA132	61			16B	9			TQBY20	05	TQ100A	01	1	TQ2	E2		29A			
15065		XA132	61		XA132	55			16B	9			TQBY20	06	TQ120A	01	2	TQ2	E4		32B			
15066		XA132	55		XA132	49			16B	9			TQBY20	07	TQ110A	01	2	TQ2	E3		29B			
15067		XA132	49		XA135	08			16B	9			TQBY20	08	TQ080A	01	2	TQ2	D4		26B			
15068		XA135	08										TQBY20	09	TQRY20	00	1	THI	A2		04A		Q REG BYTE 2.CON	
15069		XA134	15		XA135	04			16B	9			TQBY3A	01	TQBY3A	00	1	TT3	A3		07B		Q REG BYTE 3.CON	
15070		XA135	04										TQBY3A	02	TQBY30	01	1	THI	A3		02A			
15071		XA132	78		XA133	26			16B	9			TQBY30	01	TQ160A	01	2	TQ2	F4		38A			
15072		XA133	26		XA133	20			16B	9			TQBY30	02	TQ210A	01	2	TQ2	B1		14A			
15073		XA133	20		XA133	17			16B	9			TQBY30	03	TQ220A	01	2	TQ2	B2		11A			
15074		XA133	17		XA133	11			16B	9			TQBY30	04	TQ230A	01	1	TQ2	B3		08B			
15075		XA133	11		XA133	10			16B	9			TQBY30	05	TQ200A	01	1	TQ2	A4		05B			
15076		XA133	10		XA133	05			16B	9			TQBY30	06	TQ170A	01	2	TQ2	A1		07A			
													****	SIGNAL	(TQBY30)									S ON THE NEXT PAGE ****

DRAWING NUMBER		149019-800										STRING		UNIT ASSEMBLY NO.		149019		REV G		INDEX		TQBY30	
UNIT ASSEMBLY NAME		CARD CAGE ASSY, I/O UNIT										FILE IDENT		T398IUX2		DATE		09-03-82		PAGE		271	
RECORD NUMBER	FROM			TO			WIRE			SPEC INST MISC	SIGNAL	SQ NO	EQUATION	TERM	FACTOR	CKT OR CHIP TYPE	SPOOF	LOAD OR POWER PLANE	TEST POINTS AND/OR	SIGNAL DESCRIPTION	ECO NO		
	PREFIX	CONNECTOR	PIN	PREFIX	CONNECTOR	PIN	MULTI GROUP	CODE	COLOR													IDENT	
15077		XA133	05		XA133	03					16B	9								03B			
15078		XA133	03		XA135	03					16B	9								02A			
15079		XA135	03																	03A	Q REG BYTE 3.CON		
15080		XA134	20		XA135	05					16B	9								11A	Q REG BYTE 4.CON		
15081		XA135	05																	03B			
15082		XA133	56		XA133	48					16B	9								26A			
15083		XA133	48		XA133	43					16B	9								22A			
15084		XA133	43		XA133	37					16B	9								23B			
15085		XA133	37		XA133	40					16B	9								18B			
15086		XA133	40		XA133	34					16B	9								19A			
15087		XA133	34		XA133	31					16B	9								16A			
15088		XA133	31		XA133	25					16B	9								15B			
15089		XA133	25		XA135	01					16B	9								12B			
15090		XA135	01																	02B	Q REG BYTE 4.CON		
15091		XA328	60		XA326	31					16B	9								28A	EPL Q SEL BIT 20		
15092		XA326	31																	15B			
15093		XA326	37		XA328	57					16B	9								18B			
15094		XA328	57																	30B	EPL Q SEL BIT 21		
15095		XA328	72		XA326	68					16B	9								34A	EPL Q SEL BIT 22		
15096		XA326	68																	32A			
15097		XA326	62		XA328	69					16B	9								29A			
15098		XA328	69																	35A	EPL Q SEL BIT 23		
15099		XA332	22		XA326	29					16B	9								12A	NPL Q SEL BIT 20		
15100		XA326	29																	14B			
15101		XA326	35		XA332	14					16B	9								17B			
15102		XA332	14																	09A	NPL Q SEL BIT 21		
15103		XA332	38		XA326	70					16B	9								18A	NPL Q SEL BIT 22		
15104		XA326	70																	33A			
15105		XA326	64		XA332	30					16B	9								30A			
15106		XA332	30																	15A	NPL Q SEL BIT 23		
15107		XA245	66		XA114	72					16B	9								32A	S9+S16+S18-A		
15108		XA114	72																	34A			
15109		XA323	70		XA323	64					16B	9								33A			
15110		XA323	64		XA323	56					16B	9								30A			
15111		XA323	56		XA323	43					16B	9								26A			
15112		XA323	43		XA351	51					16B	9								23B			
15113		XA351	51		XA350	23					16B	9								27B	S9+S16+S18-0		
15114		XA350	23		XA245	64					16B	9								11B			
											****	SIGNAL	(TQRSA0)	IS ON THE	NEXT PAGE	****							

DRAWING NUMBER 149019-800
UNIT ASSEMBLY NAME CARD CAGE ASSY, I/O UNIT

STRING

UNIT ASSEMBLY NO. 149019
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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	WIRE	PREFIX	CONNECTOR	PIN	WIRE	SH PG	MULTI GROUP	CODE	COLOR											
15115		XA245	64										TQRS40	07	TQRSAA	01	1	THI	E1		33A		
15116		XA326	33		XA219	68		16B	9				TQRS00	01	TQRS00	00	1	TQ2	C3		16B	Q SEL NPL + EPL	
15117		XA219	68										TQRS00	02	TD208A	01	1	TQ2	E1		32A		
15118		XA219	62		XA326	39		16B	9				TQRS10	01	TD218A	01	1	TQ2	E2		29A		
15119		XA326	39										TQRS10	02	TQRS10	00	1	TQ2	C4		19B	Q SEL NPL + EPL	
15120		XA326	66		XA219	55		16B	9				TQRS20	01	TQRS20	00	1	TQ2	E1		31A	Q SEL NPL + EPL	
15121		XA219	55										TQRS20	02	TD228A	01	2	TQ2	E3		29B		
15122		XA219	61		XA326	60		16B	9				TQRS30	01	TD238A	01	2	TQ2	E4		32B		
15123		XA326	60										TQRS30	02	TQRS30	00	1	TQ2	E2		28A	Q SEL NPL + EPL	
15124		XA134	57		XA133	55		16B	9				TQSC2A	01	TD3080	01	1	TT3	E3		30B		
15125		XA133	55		XA133	59		16B	9				TQSC2A	02	TD2780	01	2	TQ2	E3		29B		
15126		XA133	59		XA133	62		16B	9				TQSC2A	03	TPQRS0	01	1	TQ2	E4		31B		
15127		XA133	62		XA245	65		16B	9				TQSC2A	04	TD2680	01	1	TQ2	E2		29A		
15128		XA245	65		XA350	27		16B	9				TQSC2A	05	TQSC20	01	1	THI	E6		33B		
15129		XA350	27										TQSC2A	06	TQSC2A	00	1	TQ2	B4		13B	Q REG SEL CONTROL	
15130		XA219	53		XA219	59		16B	9				TQSC20	01	TD228A	01	1	TQ2	E3		28B		
15131		XA219	59		XA219	64		16B	9				TQSC20	02	TD238A	01	1	TQ2	E4		31B		
15132		XA219	64		XA219	70		16B	9				TQSC20	03	TD218A	01	2	TQ2	E2		30A		
15133		XA219	70		XA245	68		16B	9				TQSC20	04	TD208A	01	2	TQ2	E1		33A		
15134		XA245	68										TQSC20	05	TQSC20	00	1	THI	E6		32B	Q REG SEL CONTROL	
15135		XA128	04		XA132	27		16B	9				TQ000A	01	TDS000	01	2	TS8	A1		04A		
15136		XA132	27										TQ000A	02	TQ000A	00	1	TQ2	B4		13B	POST BIT 00 IN Q	
15137		XA132	38		XA128	19		16B	9				TQ010A	01	TQ010A	00	1	TQ2	C1		18A	POST BIT 01 IN Q	
15138		XA128	19										TQ010A	02	TDS010	01	3	TS8	B1		09B		
15139		XA129	10		XA132	30		16B	9				TQ020A	01	TDS020	01	3	TD4	A1		07A		
15140		XA132	30										TQ020A	02	TQ020A	00	1	TQ2	C2		15A	POST BIT 02 IN Q	
15141		XA132	33		XA129	04		16B	9				TQ030A	01	TQ030A	00	1	TQ2	C3		16B	POST BIT 03 IN Q	
15142		XA129	04										TQ030A	02	TDS030	01	2	TD4	A2		04A		
15143		XA129	24		XA132	39		16B	9				TQ040A	01	TDS040	01	2	TD4	B1		13A		
15144		XA132	39										TQ040A	02	TQ040A	00	1	TQ2	C4		19B	POST BIT 04 IN Q	
15145		XA132	52		XA129	18		16B	9				TQ050A	01	TQ050A	00	1	TQ2	D1		24A	POST BIT 05 IN Q	
15146		XA129	18										TQ050A	02	TDS050	01	2	TD4	B2		10A		
15147		XA129	38		XA132	46		16B	9				TQ060A	01	TDS060	01	2	TD4	C1		18A		
15148		XA132	46										TQ060A	02	TQ060A	00	1	TQ2	O2		21A	POST BIT 06 IN Q	
15149		XA132	45		XA129	31		16B	9				TQ070A	01	TQ070A	00	1	TQ2	O3		24B	POST BIT 07 IN Q	
15150		XA129	31										TQ070A	02	TDS070	01	2	TD4	C2		15B		

DRAWING NUMBER		149019-800										STRING		UNIT ASSEMBLY NO.		149019		REV G		INDEX		TQ070A	
UNIT ASSEMBLY NAME		CARD CAGE ASSY, I/O UNIT										FILE IDENT		T398IUX2		DATE		09-03-82		PAGE		273	
RECORD NUMBER	FROM			TO			WIRE				SIGNAL	SEQ NO	EQUATION	TERM FACTOR	CKT OR CHIP TYPE	GROUP	LOAD OR POWER PLANE	TEST POINTS AND/OR	SIGNAL DESCRIPTION	ECO NO			
	PREFIX	CONNECTOR	PIN	PREFIX	CONNECTOR	PIN	SIZE	MULTI GROUP	CODE	COLOR											IDENT		
15151		XA128	42		XA132	51					16B	9	TQ080A	01	TDS080	01	8	TS8	C1		20A		
15152		XA132	51										TQ080A	02	TQ080A	00	1	TQ2	D4		27B	POST BIT 08 IN Q	
15153		XA128	48		XA132	66					16B	9	TQ090A	01	TDS090	01	3	TS8	D1		22A		
15154		XA132	66										TQ090A	02	TQ090A	00	1	TQ2	E1		31A	POST BIT 09 IN Q	
15155		XA132	60		XA129	54					16B	9	TQ100A	01	TQ100A	00	1	TQ2	E2		28A	POST BIT 10 IN Q	
15156		XA129	54										TQ100A	02	TDS100	01	3	TD4	D1		25A		
15157		XA129	48		XA132	57					16B	9	TQ110A	01	TDS110	01	3	TD4	D2		22A		
15158		XA132	57										TQ110A	02	TQ110A	00	1	TQ2	E3		30B	POST BIT 11 IN Q	
15159		XA132	63		XA129	70					16B	9	TQ120A	01	TQ120A	00	1	TQ2	E4		33B	POST BIT 12 IN Q	
15160		XA129	70										TQ120A	02	TDS120	01	4	TD4	E1		33A		
15161		XA129	60		XA132	75					16B	9	TQ130A	01	TDS130	01	2	TD4	E2		28A		
15162		XA132	75										TQ130A	02	TQ130A	00	1	TQ2	F1		37B	POST BIT 13 IN Q	
15163		XA132	72		XA129	75					16B	9	TQ140A	01	TQ140A	00	1	TQ2	F2		34A	POST BIT 14 IN Q	
15164		XA129	75										TQ140A	02	TDS140	01	1	TD4	F1		37B		
15165		XA129	71		XA132	69					16B	9	TQ150A	01	TDS150	01	1	TD4	F2		36A		
15166		XA132	69										TQ150A	02	TQ150A	00	1	TQ2	F3		35A	POST BIT 15 IN Q	
15167		XA132	80		XA124	10					16B	9	TQ160A	01	TQ160A	00	1	TQ2	F4		39A	POST BIT 16 IN Q	
15168		XA124	10										TQ160A	02	TDS160	01	2	TQ2	A1		07A		
15169		XA124	05		XA133	06					16B	9	TQ170A	01	TDS170	01	2	TQ2	A2		03B		
15170		XA133	06										TQ170A	02	TQ170A	00	1	TQ2	A1		05A	POST BIT 17 IN Q	
15171		XA133	01		XA124	03					16B	9	TQ180A	01	TQ180A	00	1	TQ2	A2		02B	POST BIT 18 IN Q	
15172		XA124	03										TQ180A	02	TDS180	01	1	TQ2	A3		02A		
15173		XA124	11		XA133	09					16B	9	TQ190A	01	TDS190	01	1	TQ2	A4		05B		
15174		XA133	09										TQ190A	02	TQ190A	00	1	TQ2	A3		04B	POST BIT 19 IN Q	
15175		XA108	42		XA133	15					16B	9	TQ200A	01	TDS200	01	3	TT3	C1		20A		
15176		XA133	15										TQ200A	02	TQ200A	00	1	TQ2	A4		07B	POST BIT 20 IN Q	
15177		XA133	22		XA108	34					16B	9	TQ210A	01	TQ210A	00	1	TQ2	B1		12A	POST BIT 21 IN Q	
15178		XA108	34										TQ210A	02	TDS210	01	3	TT3	C2		16A		
15179		XA124	26		XA133	14					16B	9	TQ220A	01	TDS220	01	2	TQ2	B1		14A		
15180		XA133	14										TQ220A	02	TQ220A	00	1	TQ2	B2		09A	POST BIT 22 IN Q	
15181		XA133	21		XA124	20					16B	9	TQ230A	01	TQ230A	00	1	TQ2	B3		10B	POST BIT 23 IN Q	
15182		XA124	20										TQ230A	02	TDS230	01	2	TQ2	B2		11A		
											****	SIGNAL	(TQ240A	IS ON THE NEXT PAGE ****									

DRAWING NUMBER		149019-800		STRING		UNIT ASSEMBLY NO.		149019		REV		G		INDEX		TQ240A				
UNIT ASSEMBLY NAME		CARD CAGE ASSY, I/O UNIT		FILE IDENT		T39BIUX2		DATE		09-03-82		PAGE		274						
RECORD NUMBER	FROM			TO			WIRE			SIGNAL	SEC NO	EQUATION	TERM	FACT	CKT OR CHIP TYPE	GROUP	LOAD CP POWER PLANE	TEST POINTS AND/OR	SIGNAL DESCRIPTION	ECO NO
	PREFIX	CONNECTOR	PIN	PREFIX	CONNECTOR	PIN	MULTI GROUP	CODE	COLOR											
15183		XA124	17		XA133	27					TQ240A	01	TDS240	01	1	TQ2	B3	08B		
15184		XA133	27								TQ240A	02	TQ240A	00	1	TQ2	B4	13B	POST BIT 24 IN Q	
15185		XA133	38		XA124	23					TQ250A	01	TQ250A	00	1	TQ2	C1	18A	POST BIT 25 IN Q	
15186		XA124	23								TQ250A	02	TDS250	01	1	TQ2	B4	11B		
15187		XA124	42		XA133	30					TQ260A	01	TDS260	01	2	TQ2	C1	20A		
15188		XA133	30								TQ260A	02	TQ260A	00	1	TQ2	C2	15A	POST BIT 26 IN Q	
15189		XA133	33		XA124	36					TQ270A	01	TQ270A	00	1	TQ2	C3	16B	POST BIT 27 IN Q	
15190		XA124	36								TQ270A	02	TDS270	01	2	TQ2	C2	17A		
15191		XA124	29		XA133	39					TQ280A	01	TDS280	01	1	TQ2	C3	14B		
15192		XA133	39								TQ280A	02	TQ280A	00	1	TQ2	C4	19B	POST BIT 28 IN Q	
15193		XA133	52		XA124	35					TQ290A	01	TQ290A	00	1	TQ2	D1	24A	POST BIT 29 IN Q	
15194		XA124	35								TQ290A	02	TDS290	01	1	TQ2	C4	17B		
15195		XA109	56		XA133	46					TQ300A	01	TDS300	01	2	TQ2	D1	26A		
15196		XA133	46								TQ300A	02	TQ300A	00	1	TQ2	D2	21A	POST BIT 30 IN Q	
15197		XA133	45		XA109	43					TQ310A	01	TQ310A	00	1	TQ2	D3	24B	POST BIT 31 IN Q	
15198		XA109	43								TQ310A	02	TDS310	01	2	TQ2	D3	23B		
15199		XA436	42		XA438	01					TRB0A	01	TR08BS	01	3	TT3	C1	20A		
15200		XA438	01								TRB0A	02	TRB0A	00	1	TQ2	A2	02B	SET REQ BURST MO	
15201		XA435	13		XA438	09					TRB1A	01	TR00BS	01	4	TD4	A1	06B		
15202		XA438	09								TRB1A	02	TRB1A	00	1	TQ2	A3	04B	SET REQ BURST MO	
15203		XA435	26		XA438	15					TRB2A	01	TR03BS	01	4	TD4	B1	14A		
15204		XA438	15								TRB2A	02	TRB2A	00	1	TQ2	A4	07B	SET REQ BURST MO	
15205		XA438	22		XA435	14					TRB3A	01	TRB3A	00	1	TQ2	B1	12A	SET REQ BURST MO	
15206		XA435	14								TRB3A	02	TR04BS	01	1	TD4	B2	09A		
15207		XA435	42		XA438	14					TRB4A	01	TR05BS	01	4	TD4	C1	20A		
15208		XA438	14								TRB4A	02	TRB4A	00	1	TQ2	B2	09A	SET REQ BURST MO	
15209		XA438	21		XA435	36					TRB5A	01	TRB5A	00	1	TQ2	B3	10B	SET REQ BURST MO	
15210		XA435	36								TRB5A	02	TR06BS	01	4	TD4	C2	17A		
15211		XA438	27		XA437	24					TRB6A	01	TRB6A	00	1	TQ2	B4	13B	SET REQ BURST MO	
15212		XA437	24								TRB6A	02	TR07BS	01	2	TD4	B1	13A		
15213		XA431	66		XA436	29					TRB7A	01	TPB7A	00	1	TQ2	E1	31A	SET REQ BURST MO	
15214		XA436	29								TRB7A	02	TR09BS	01	1	TT3	C2	14B		
15215		XA440	06		XA434	10					TRCCCA	01	TRCCCA	00	1	TQ2	A1	05A		
15216		XA434	10								TRCCCA	02	TP01BS	01	3	TT3	A1	07A		

DRAWING NUMBER		149019-800		STRING		UNIT ASSEMBLY NO.		149019		REV G		INDEX		TRCCCA							
UNIT ASSEMBLY NAME		CARD CAGE ASSY, I/O UNIT				FILE IDENT		T39BIUX2		DATE		09-03-82		PAGE 275							
RECORD NUMBER	PREFIX	CONNECTOR	PIN	PREFIX	CONNECTOR	PIN	WIRE	WIRE	WIRE	WIRE	SIGNAL	SIG NO	EQUATION	TRM	TRM	TRM	TRM	TRM	TRM	SIGNAL DESCRIPTION	ECO NO
15217		XA308	45		XA406	20		16B	9		TRCMRO	01	TRCMRO	00	1	T04	D2			24B	
15218		XA406	20		XA406	21		16B	9		TRCMRO	02	RTCC1A	01	1	TH1	B3			10A	
15219		XA406	21		XA406	23		16B	9		TRCMRO	03	RTCC2A	01	1	TH1	B5			11B	
15220		XA406	23		XA406	27		16B	9		TRCMRO	04	RTCC3A	01	1	TH1	B2			12A	
15221		XA406	27								TRCMRO	05	RTCC4A	01	1	TH1	B6			13B	
15222		XA434	05		XA136	57		16B	9		TRCPUA	01	TR02BS	01	3	TT3	A2			03B	
15223		XA136	57								TRCPUA	02	TRCPUA	00	1	T04	E2			30B	DSC-C=1.2.13
15224		XA122	36		XA136	64		16B	9		TRCPU0	01	TRCPU0	00	1	TT3	C1			17A	CPU REQ
15225		XA136	64								TRCPU0	02	TRCPUA	01	4	T04	E2			30A	
15226		XA437	01		XA437	10		16B	9		TRCR1A	01	TR01BR	01	1	T04	A2			02B	
15227		XA437	10		XA434	34		16B	9		TRCR1A	02	TR00BR	01	3	T04	A1			07A	
15228		XA434	34		XA434	40		16B	9		TRCR1A	03	TR09BR	01	3	TT3	C2			16A	
15229		XA434	40		XA412	38		16B	9		TRCR1A	04	TR08BR	01	2	TT3	C1			19A	
15230		XA412	38		XA412	31		16B	9		TRCR1A	05	TR06BR	01	2	T04	C1			18A	
15231		XA412	31		XA412	24		16B	9		TRCR1A	06	TR07BR	01	2	T04	C2			15B	
15232		XA412	24		XA412	18		16B	9		TRCR1A	07	TR04BR	01	2	T04	B1			13A	
15233		XA412	18		XA412	08		16B	9		TRCR1A	08	TR05BR	01	2	T04	B2			10A	
15234		XA412	08		XA412	04		16B	9		TRCR1A	09	TR02BR	01	2	T04	A1			06A	
15235		XA412	04		XA206	80		16B	9		TRCR1A	10	TR03BR	01	2	T04	A2			04A	
15236		XA206	80								TRCR1A	11	TRCR1A	00	1	TT3	F3			39A	
15237		XA431	56		XA431	50		16B	9		TRCR2A	01	XMR04R	01	2	TQ2	D1			26A	
15238		XA431	50		XA431	49		16B	9		TRCR2A	02	XMR05R	01	2	TQ2	D2			23A	
15239		XA431	49		XA431	43		16B	9		TRCR2A	03	XMR07R	01	2	TQ2	D4			26B	
15240		XA431	43		XA431	42		16B	9		TRCR2A	04	XMR06R	01	2	TQ2	D3			23B	
15241		XA431	42		XA431	36		16B	9		TRCR2A	05	XMR00R	01	2	TQ2	C1			20A	
15242		XA431	36		XA431	37		16B	9		TRCR2A	06	XMR01R	01	2	TQ2	C2			17A	
15243		XA431	37		XA431	31		16B	9		TRCR2A	07	XMR03R	01	2	TQ2	C4			18B	
15244		XA431	31		XA415	15		16B	9		TRCR2A	08	XMR02R	01	2	TQ2	C3			15B	
15245		XA415	15								TRCR2A	09	TRCR2A	00	1	TQ2	A4			07A	CLR TR00 BST STRA
15246		XA437	06		XA415	66		16B	9		TRC00A	01	TR00BR	01	1	T04	A1			05A	
15247		XA415	66								TRC00A	02	TRC00A	00	1	TQ2	E1			31A	CLR TR00 BST CH10*
15248		XA415	60		XA437	07		16B	9		TRC01A	01	TRC01A	00	1	TQ2	E2			28A	CLR TR01 BST CH11*
15249		XA437	07								TRC01A	02	TR01BR	01	4	T04	A2			03A	
15250		XA412	13		XA415	57		16B	9		TRC02A	01	TR02BR	01	4	T04	A1			06B	
15251		XA415	57								TRC02A	02	TRC02A	00	1	TQ2	E3			30B	CLR TR02 BST CH12*
15252		XA415	63		XA412	07		16B	9		TRC03A	01	TRC03A	00	1	TQ2	E4			33B	CLP TR03 BST CH13*
15253		XA412	07								TRC03A	02	TR03BR	01	4	T04	A2			03A	
15254		XA412	26		XA415	75		16B	9		TRC04A	01	TR04BR	01	4	T04	B1			14A	
15255		XA415	75								TRC04A	02	TRC04A	00	1	TQ2	F1			37B	CLR TR04 BST CH14*

DRAWING NUMBER		149019-800										STRING		UNIT ASSEMBLY NO.		149019		REV C		INDEX		TRC04A	
UNIT ASSEMBLY NAME		CARD CAGE ASSY,I/O UNIT										FILE IDENT		T398IUX2		DATE		09-03-82		PAGE		276	
RECORD NUMBER	FROM			TO			WIRE			SIGNAL	SRG NO	EQUATION	2 PARTS	3 PARTS	CMT OR CHD TYPE	CMT OR CHD TYPE	TEST POINTS	SIGNAL DESCRIPTION	SCD NO				
	PREFIX	CONNECTOR	PIN	PREFIX	CONNECTOR	PIN	DI	GROUP	CODE											COLOR	IDENT	DI	GROUP
15256		XA415	72		XA412	20				16B	9							34A	CLR TR05 BST CH15*				
15257		XA412	20															11A					
15258		XA412	42		XA415	69				16B	9							20A					
15259		XA415	69															35A	CLR TR06 BST CH16*				
15260		XA415	80		XA412	36				16B	9							39A	CLR TR07 BST CH17*				
15261		XA412	36															17A					
15262		XA345	26		XA345	04				16B	9							14A					
15263		XA345	04		XA248	56				16B	9							04A					
15264		XA248	56		XA219	69				16B	9							26A					
15265		XA219	69															35A	REAL TIME CLK 0				
07888		XA304	09		XA351	57				16B	9							04B		U06			
11864		XA351	57															30B		U06			
15266		XA431	60		XA435	06				16B	9							28A	REQ. DEVICE 0				
15267		XA435	06															05A					
15268		XA434	06		XA431	57				16B	9							05A					
15269		XA431	57															30B	REQ. DEVICE 1				
15270		XA431	63		XA434	01				16B	9							33B	REQ. DEVICE 2				
15271		XA434	01															02B					
15272		XA435	22		XA431	75				16B	9							12A					
15273		XA431	75															37B	REQ. DEVICE 3				
15274		XA431	72		XA435	18				16B	9							34A	REQ. DEVICE 4				
15275		XA435	18															10A					
15276		XA435	37		XA431	69				16B	9							18B					
15277		XA431	69															35A	REQ. DEVICE 5				
15278		XA431	80		XA435	30				16B	9							39A	REQ. DEVICE 6				
15279		XA435	30															15A					
15280		XA438	66		XA437	22				16B	9							31A	REQ. DEVICE 7				
15281		XA437	22															12A					
15282		XA302	54		XA418	02		BI	1E8	0													
15283		XA418	02																				
15286		XA302	53		XA418	01		BI	1E8	9													
15284		XA418	01		XA411	05			16B	9													
15285		XA411	05		XA206	06			16B	9													
15287		XA206	06																				

DRAWING NUMBER		UNIT ASSEMBLY NAME										STRING		UNIT ASSEMBLY NO.		REV		INDEX					
149019-800		CARD CAGE ASSY, I/O UNIT												149019		G		TROYAD4					
FILE IDENT												T39BIUX2		DATE		PAGE							
T39BIUX2														09-03-82		277							
RECORD NUMBER	FROM				TO				WIRE				SIGNAL	EQ NO	EQUATION	TERM	FACTOR	CKT OR CHIP TYPE	GROUP	LOAD OR POWER PLANE	TEST POINTS AND OR	SIGNAL DESCRIPTION	TCO NO
	PREFIX	CONNECTOR	PIN	WIRE NO	PREFIX	CONNECTOR	PIN	WIRE NO	MULTI GROUP	CODE	COLOR	IDENT											
15288		XA115	70		XA205	60				16B	9		TREQBA	01	TRQBRO	01	2	TQ2	E1		33A	OR'D REQ REG	
15289		XA205	60										TREQBA	02	TREQBA	00	1	THI	E3		28A		
15290		XA345	40		XA435	47				16B	9		TREQB0	01	TS012A	01	3	TD4	C1		19A	OR'D REQ REG	
15291		XA435	47		XA304	76				16B	9		TREQB0	02	TREQB0	00	1	TD4	D1		25B		
15292		XA304	76		XA205	62				16B	9		TREQB0	03	TINTSA	01	1	TQ2	F4		37A		
15293		XA205	62										TREQB0	04	TREQBA	01	1	THI	E3		29A		
15294		XA435	54		XA438	61				16B	9		TRGPIA	01	TREQB0	01	3	TD4	D1		25A	REQ GRP 1-A	
15295		XA438	61		XA437	42				16B	9		TRGPIA	02	TR4WAA	01	2	TQ2	E4		32B		
15296		XA437	42		XA437	36				16B	9		TRGPIA	03	TR8WAA	01	4	TD4	C1		20A	REQ GRP 1-0	
15297		XA437	36		XA436	21				16B	9		TRGPIA	04	TR9WAA	01	4	TD4	C2		17A		
15298		XA436	21		XA437	19				16B	9		TRGPIA	05	TR7WAA	01	1	TT3	B3		10B	REQ GRP 2-A	
15299		XA437	19		XA436	14				16B	9		TRGPIA	06	TR6WAA	01	3	TD4	B2		09B		
15300		XA436	14		XA439	03				16B	9		TRGPIA	07	TR5WAA	01	1	TT3	B2		09A	REQ GRP 2-0	
15301		XA439	03										TRGPIA	08	TRGPIA	00	1	THI	A3		03A		
15302		XA435	09		XA439	04				16B	9		TRGP10	01	TRGP10	00	1	TD4	A2		04B	REQ GRP 3-A	
15303		XA439	04										TRGP10	02	TRGP1A	01	1	THI	A3		02A		
15304		XA435	56		XA437	40				16B	9		TRGP2A	01	TREQB0	01	4	TD4	D1		26A	REQ GRP 3-0	
15305		XA437	40		XA437	31				16B	9		TRGP2A	02	TR8WAA	01	3	TD4	C1		19A		
15306		XA437	31		XA436	25				16B	9		TRGP2A	03	TR9WAA	01	2	TD4	C2		15B	REQ GRP 3-0	
15307		XA436	25		XA439	01				16B	9		TRGP2A	04	TR7WAA	01	3	TT3	B3		12B		
15308		XA439	01										TRGP2A	05	TRGP2A	00	1	THI	A4		02B		
15309		XA439	05		XA436	04				16B	9		TRGP20	01	TRGP2A	01	1	THI	A4		03B	REQ GRP 3-0	
15310		XA436	04										TRGP20	02	TRGP20	00	1	TT3	A1		04A		
15311		XA435	52		XA437	34				16B	9		TRGP3A	01	TREQB0	01	2	TD4	D1		24A	REQ GRP 3-0	
15312		XA437	34		XA439	07				16B	9		TRGP3A	02	TR9WAA	01	3	TD4	C2		16A		
15313		XA439	07										TRGP3A	03	TRGP3A	00	1	THI	A5		04B		
15314		XA439	09		XA438	60				16B	9		TRGP30	01	TRGP3A	01	1	THI	A5		05B	REQ GRP 3-0	
15315		XA438	60										TRGP30	02	TRGP30	00	1	TQ2	E2		28A		
15316		XA115	66		XA345	61				16B	9		TRQBRO	01	TRQBRO	00	1	TQ2	E1		31A	INF + BURST	
15317		XA345	61										TRQBRO	02	TS031A	01	1	TD4	E1		32B		
15318		XA436	40		XA327	36				16B	9		TRQ0AA	01	TR08BS	01	2	TT3	C1		19A	REQ 01 STATE 0	
15319		XA327	36										TRQ0AA	02	TRQ0AA	00	1	TT3	C1		17A		
15320		XA327	40		XA432	59				16B	9		TRQ0A0	01	TRQ0AA	01	2	TT3	C1		19A	REQ 0	
15321		XA432	59										TRQ0A0	02	TRQ0A0	00	1	TS8	E1		31B		
15322		XA414	31		XA435	08				16B	9		TRQ1AA	01	TRQ1AA	00	1	TT3	C2		15B	REQ 1 STATE 0	
15323		XA435	08										TRQ1AA	02	TRQ0BS	01	2	TD4	A1		06A		
													**** SIGNAL (TRQ1ADG4) IS ON THE NEXT PAGE ****										

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DRAWING NUMBER		149019-800		STRING		UNIT ASSEMBLY NO.		149019		REV		G		INDEX		TRQ1ADG4					
UNIT ASSEMBLY NAME		CARD CAGE ASSY, I/O UNIT				FILE IDENT		T39BIUX2		DATE		09-03-82		PAGE		278					
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	PIN	PIN	MULTI GROUP	CODE	COLOR	IDENT												
15324		XA418	53		XA303	38		BJ	1EB	0											
15325		XA303	38								TRQ1ADG4	01									
											TRQ1ADG4	02									
15326		XA430	41		XA418	55			16B	9					RR4	E5					
15327		XA418	55		XA303	37		BJ	1EB	9			TRQ1ADX4	01							
15328		XA303	37								TRQ1ADX4	02	TRQ1ADX4	00	1	DCF	C3		30B		
											TRQ1ADX4	03									
15330		XA414	30		XA415	38			16B	9			TRQ1A0	02	TRQ1A0	01	2	TT3	C2		
15331		XA415	38								TRQ1A0	03	TRQ1A0	00	1	TQ2	C1		15A		
																			18A	REQ 1	
15332		XA426	38		XA418	56			16B	9			TRQ1A0X	01	TRQ1XA	01	1	THI	C1		
15333		XA418	56								TRQ1A0X	02	TRQ1A0X	00	1	DCF	C4		20A		
																			29B	EXT REQ 1 REC	
15334		XA430	36		XA415	42			16B	9			TRQ1BB4	01			RR4	C1			
15335		XA415	42		XA522	46			16B	9			TRQ1BB4	02	TRQ1A0	01	2	TQ2	C1		
15336		XA522	46					P			XAREADX	01	TRQ1BB4	01	1	DCF	C1		20A		
																			29B	IOE REQ TO IOC	
15337		XA426	40		XA415	40			16B	9			TRQ1XA	01	TRQ1XA	00	1	THI	C1		
15338		XA415	40								TRQ1XA	02	TRQ1A0	01	1	TQ2	C1		19A		
																				19A	
15339		XA435	24		XA414	39			16B	9			TRQ2AA	01	TRQ3B5	01	2	TD4	B1		
15340		XA414	39								TRQ2AA	02	TRQ2AA	00	1	TT3	C3		13A		
																			19B	REQ 2 STATE 0	
15341		XA303	40		XA418	58		BK	1EB	0			TRQ2ADG4	01							
15342		XA418	58								TRQ2ADG4	02									
15343		XA430	62		XA418	60			16B	9			TRQ2ADX4	01			RR4	F1			
15344		XA418	60		XA303	39		BK	1EB	9			TRQ2ADX4	02	TRQ2ADX4	00	1	DCF	C5		
15345		XA303	39								TRQ2ADX4	03								31B	
15346		XA415	30		XA414	33			16B	9			TRQ2A0	01	TRQ2A0	00	1	TQ2	C2		
15347		XA414	33								TRQ2A0	02	TRQ2AA	01	1	TT3	C3		15A		
																			16B	REQ 2	
																				*	
15348		XA426	35		XA418	57			16B	9			TRQ2A0X	01	TRQ2XA	01	1	THI	C2		
15349		XA418	57								TRQ2A0X	02	TRQ2A0X	00	1	DCF	C6		18A		
																			31A	EXT REQ 2 REC	
15350		XA528	46		XA430	38			16B	9		P	XBREADX	01	TRQ2BB4	01	1	DCF	C1		
15351		XA430	38		XA415	36			16B	9			TRQ2BB4	02			RR4	C2			
15352		XA415	36								TRQ2BB4	03	TRQ2A0	01	2	TQ2	C2		25B	IOE REQ TO IOC	
15353		XA426	37		XA415	34			16B	9			TRQ2XA	01	TRQ2XA	00	1	THI	C2		
15354		XA415	34								TRQ2XA	02	TRQ2A0	01	1	TQ2	C2		17A		
																			16A	REQ 2	
15355		XA435	20		XA414	50			16B	9			TRQ3AA	01	TRQ4B5	01	4	TD4	B2		
15356		XA414	50								TRQ3AA	02	TRQ3AA	00	1	TT3	D1		11A		
																			23A	REQ 3 STATE 0	
15357		XA303	42		XA418	44		BL	1EB	0			TRQ3ADG4	01							
15358		XA418	44								TRQ3ADG4	02									
15359		XA430	56		XA418	43			16B	9			TRQ3ADX4	01			RR4	F2			
											****	SIGNAL	(TRQ3ADX4)		S ON THE	NEXT PAGE	****				

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DRAWING NUMBER 149019-800
 UNIT ASSEMBLY NAME CARD CAGE ASSY,I/O UNIT

STRING

UNIT ASSEMBLY NO. 149019
 FILE IDENT T398IUX2

REV G
 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 OP	SIGNAL DESCRIPTION	ECO NO		
	PREFIX	CONNECTOR	PIN	WIRE	PREFIX	CONNECTOR	PIN	WIRE	MULTI GROUP	CODE	COLOR	IDENT												SPEC INST WIRE	
15360		XA418	43			XA303	41			BL	1EB	9		TRQ3ADX4	02	TRQ3ADX400		1	DCF	C7		25A			
15361		XA303	41											TRQ3ADX4	03										
15362		XA414	52			XA415	33				16B	9		TRQ3A0	01	TRQ3AA	01	1	TT3	D1		24A	*		
15363		XA415	33											TRQ3A0	02	TRQ3A0	00	1	TQ2	C3		16B	REQ 3		
15364		XA426	36			XA418	48				16B	9		TRQ3A0X	01	TRQ3XA	01	1	THI	C3		16A			
15365		XA418	48											TRQ3A0X	02	TRQ3A0X	00	1	DCF	C8		26A	EXT REQ 3 REC		
15366		XA415	29			XA426	34				16B	9		TRQ3XA	01	TRQ3A0	01	1	TQ2	C3		14B	REQ 3		
15367		XA426	34											TRQ3XA	02	TRQ3XA	00	1	THI	C3		15A			
15368		XA434	19			XA435	38				16B	9		TRQ4AA	01	TRQ4AA	00	1	TT3	B2		09B	REQ 4 STATE 0		
15369		XA435	38											TRQ4AA	02	TRQ5BS	01	2	TD4	C1		18A			
15370		XA303	46			XA420	58			BM	1EB	0		TRQ4ADG4	01										
15371		XA420	58											TRQ4ADG4	02										
15372		XA430	55			XA420	60				16B	9		TRQ4ADX4	01										
15373		XA420	60			XA303	45			BM	1EB	9		TRQ4ADX4	02	TRQ4ADX400		1	RR4	F3					
15374		XA303	45											TRQ4ADX4	03								31B		
15375		XA415	39			XA434	17				16B	9		TRQ4A0	01	TRQ4A0	00	1	TQ2	C4		19B	REQ 4		
15376		XA434	17											TRQ4A0	02	TRQ4AA	01	2	TT3	B2		08B			
15377		XA426	29			XA420	57				16B	9		TRQ4A0X	01	TRQ4XA	01	1	THI	C4		15B			
15378		XA420	57											TRQ4A0X	02	TRQ4A0X	00	1	DCF	C6		31A	EXT REQ 4 REC		
15379		XA415	37			XA430	23				16B	9		TRQ4BB4	01	TRQ4A0	01	2	TQ2	C4		18B			
15380		XA430	23			XA535	46				16B	9		TRQ4BB4	02										
15381		XA535	46											P XCREADX	03	TRQ4BB4	01	1	DCF	C1		25B	IOE REQ TO IOE		
15382		XA426	30			XA415	35				16B	9		TRQ4XA	01	TRQ4XA	00	1	THI	C4		14B			
15383		XA415	35											TRQ4XA	02	TRQ4A0	01	1	TQ2	C4		17B	REQ 4		
15384		XA435	31			XA434	27				16B	9		TRQ5AA	01	TRQ6BS	01	2	TD4	C2		15B			
15385		XA434	27											TRQ5AA	02	TRQ5AA	00	1	TT3	B3		13B	REQ 5 STATE 0		
15386		XA418	77			XA303	48			BN	1EB	0		TRQ5ADG4	01										
15387		XA303	48											TRQ5ADG4	02										
15388		XA430	53			XA418	78				16B	9		TRQ5ADX4	01										
15389		XA418	78			XA303	47			BN	1EB	9		TRQ5ADX4	02	TRQ5ADX400		1	DCF	D3		37B			
15390		XA303	47											TRQ5ADX4	03										
15391		XA415	52			XA434	23				16B	9		TRQ5A0	01	TRQ5A0	00	1	TQ2	D1		24A	REQ 5		
15392		XA434	23											TRQ5A0	02	TRQ5AA	01	2	TT3	B3		11B			
15393		XA426	33			XA418	75				16B	9		TRQ5A0X	01	TRQ5XA	01	1	THI	C5		17B			
15394		XA418	75											TRQ5A0X	02	TRQ5A0X	00	1	DCF	D4		36B	EXT REQ 5 REC		

DRAWING NUMBER		149019-800										STRING		UNIT ASSEMBLY NO.		149019		REV		G		INDEX		TRQ5A0X	
UNIT ASSEMBLY NAME		CARD CAGE ASSY, I/O UNIT										FILE IDENT		T39BIUX2		DATE		09-03-82		PAGE		280			
RECORD NUMBER	FROM				TO				WIRE				SIGNAL	SEQ NO	EQUATION	TERM	FACTOR	CKT OR CH.P TYPE	LOAD OR POWER PLANE	TEST POINTS		SIGNAL DESCRIPTION	ECO NO		
	PREFIX	CONNECTOR	PIN	INT	PREFIX	CONNECTOR	PIN	INT	MULTI GROUP	CODE	COLOR	IDENT								SPC INST WIRE	LAND			SP	
15395		XA415	56			XA430	25				16B	9		TRQ5BB4	01	TRQ5A0	01	2	TQ2	D1	26A				
15396		XA430	25			XA541	46				16B	9		TRQ5BB4	02				RR4	C4					
15397		XA541	46										P	XDREADX	03	TRQ5BB4	01	1	DCF	C1	25B	IOE REQ TO IOC			
15398		XA426	31			XA415	54				16B	9		TRQ5XA	01	TRQ5XA	00	1	THI	C5	16B				
15399		XA415	54											TRQ5XA	02	TRQ5A0	01	1	TQ2	D1	25A	REQ 5			
15400		XA437	25			XA436	07				16B	9		TRQ6AA	01	TRQ7BS	01	3	TQ4	B1	12B				
15401		XA436	07											TRQ6AA	02	TRQ6AA	00	1	TT3	A2	03A	REQ 6 STATE 0			
15402		XA303	50			XA418	79		BP	1EB	0			TRQ6ADG4	01				EXT						
15403		XA418	79											TRQ6ADG4	02				DCF		40B				
15404		XA430	51			XA418	80			16B	9			TRQ6ADX4	01				RR4	F5					
15405		XA418	80			XA303	49		BP	1EB	9			TRQ6ADX4	02	TRQ6ADX4	00	1	DCF	D5	38B				
15406		XA303	49											TRQ6ADX4	03				EXT						
15407		XA415	46			XA436	01			16B	9			TRQ6A0	01	TRQ6A0	00	1	TQ2	D2	21A	REQ 6			
15408		XA436	01											TRQ6A0	02	TRQ6AA	01	1	TT3	A2	02B	*			
15409		XA426	39			XA418	76			16B	9			TRQ6A0X	01	TRQ6XA	01	1	THI	C6	19B				
15410		XA418	76											TRQ6A0X	02	TRQ6A0X	00	1	DCF	D6	38A	EXT REQ 6 REC			
15411		XA548	46			XA430	29			16B	9		P	XEREADX	01	TRQ6BB4	01	1	DCF	C1	25B	IOE REQ TO IOC			
15412		XA430	29			XA415	50			16B	9			TRQ6BB4	02				RR4	C5					
15413		XA415	50											TRQ6BB4	03	TRQ6A0	01	2	TQ2	D2	23A				
15414		XA426	42			XA415	48			16B	9			TRQ6XA	01	TRQ6XA	00	1	THI	C6	18B				
15415		XA415	48											TRQ6XA	02	TRQ6A0	01	1	TQ2	D2	22A	REQ 6			
15416		XA436	30			XA445	39			16B	9			TRQ7AA	01	TRQ9BS	01	2	TT3	C2	15A				
15417		XA445	39											TRQ7AA	02	TRQ7AA	00	1	TT3	C3	19B	REQ 7 STATE 0			
15418		XA303	52			XA418	59		BQ	1EB	0			TRQ7ADG4	01				EXT						
15419		XA418	59											TRQ7ADG4	02				DCF						
14165		XA429	76			XA418	61			16B	9			TRQ7ADX4	01				RR4	H2			B05		
15421		XA418	61			XA303	51		BQ	1EB	9			TRQ7ADX4	02	TRQ7ADX4	00	1	DCF	D7	33A				
15422		XA303	51											TRQ7ADX4	03				EXT						
15423		XA415	45			XA445	33			16B	9			TRQ7A0	01	TRQ7A0	00	1	TQ2	D3	24B	REQ 7			
15424		XA445	33											TRQ7A0	02	TRQ7AA	01	1	TT3	C3	16B	*			
15425		XA426	52			XA418	68			16B	9			TRQ7A0X	01	TRQ7XA	01	1	THI	D1	26A				
15426		XA418	68											TRQ7A0X	02	TRQ7A0X	00	1	DCF	D8	34A	EXT REQ 7 REC			
15427		XA415	41			XA426	54			16B	9			TRQ7XA	01	TRQ7A0	01	1	TQ2	D3	22B	REQ 7			
15428		XA426	54											TRQ7XA	02	TRQ7XA	00	1	THI	D1	25A				

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DRAWING NUMBER		UNIT ASSEMBLY NAME										STRING		UNIT ASSEMBLY NO.		REV		INDEX		TRQ7XA			
149019-800		CARD CAGE ASSY,I/O UNIT												149019		G		TRQ7XA					
FILE IDENT.												T39BIUX2		DATE		PAGE		281					
RECORD NUMBER	FROM	TO										WIRE	SIGNAL	SEQ NO	EQUATION	TERM	FACTOR	CKT OR CHIP TYPE	GROUP	LOAD OR POWER PLANE	TEST POINTS AND/OR	SIGNAL DESCRIPTION	ECO NO
	PREFIX	CONNECTOR	PIN	DR/C	PREFIX	CONNECTOR	PIN	DR/C	MULTI GROUP	CODE	COLOR	IDENT	DR/C										
15429		XA115	60		XA205	55				16B	9			TRTCOA	01	TRTCOA	00	1	TQ2	E2	28A	REAL TIME CLOCK	
15430		XA205	55		XA214	43				16B	9			TRTCOA	02	TRTC00	01	1	THI	E4	29B		CO1
05283		XA214	43		XA219	65				16B	9			TRTCOA	022	TK0910	01	2	TQ2	03	23B		CO1
15431		XA219	65		XA340	79				16B	9			TRTCOA	03	TRC160	01	1	TQ2	F3	34B		
15432		XA340	79		XA304	03				16B	9			TRTCOA	04	TS09NA	01	3	TT3	F1	39B		DO6
05479		XA304	03											TRTCOA	05	TRC170	01	1	TQ2	A3	02A		DO6
15433		XA205	56		XA350	64				16B	9			TRTC00	01	TRTC00	00	1	THI	E4	28B	REAL TIME CLOCK	
15434		XA350	64											TRTC00	02	TBLRCA	01	2	TQ2	E2	30A		
15435		XA343	31		XA435	62				16B	9			TROWAA	01	TROWAA	00	1	TT3	C2	15B		
15436		XA435	62											TROWAA	02	TAR320	01	3	TD4	E2	29A		
15437		XA441	08		XA435	01				16B	9			TROOBR	01	TR3WAA	01	2	TD4	A1	06A		
15438		XA435	01		XA435	10				16B	9			TROOBR	02	TRGP10	01	1	TD4	A2	02B		
15439		XA435	10		XA437	11				16B	9			TROOBR	03	TROOBS	01	3	TD4	A1	07A		
15440		XA437	11		XA436	22				16B	9			TROOBR	04	TROOBR	00	1	TD4	A1	05B	REQ REG 1ST PRIO	
15441		XA436	22		XA438	55				16B	9			TROOBR	05	TR2WAA	01	1	TT3	B1	12A		
15442		XA438	55											TROOBR	06	TR1WAA	01	2	TQ2	E3	29B		
15443		XA343	30		XA443	13				16B	9			TROOBS	01	TROWAA	01	2	TT3	C2	15A		
15444		XA443	13		XA437	08				16B	9			TROOBS	02	TCSR1A	01	2	TQ2	A4	06B		
15445		XA437	08		XA435	11				16B	9			TROOBS	03	TROOBR	01	2	TD4	A1	06A		
15446		XA435	11		XA413	08				16B	9			TROOBS	04	TROOBS	00	1	TD4	A1	05B	REQ REG 1ST PRIO	
15447		XA413	08											TROOBS	05	TRO0SD	01	1	TLD	A1	06A	BUSS FOR CTS DIS	
15448		XA413	06										J	TRO0SD	01	TRO0SD	00	1	TLD	A1	05A	JDB10B4 BUSS	
15449		XA436	26		XA434	08				16B	9			TRO1BR	01	TR2WAA	01	3	TT3	B1	14A		
15450		XA434	08		XA435	04				16B	9			TRO1BR	02	TRO1BS	01	2	TT3	A1	06A		
15451		XA435	04		XA437	09				16B	9			TRO1BR	03	TRGP10	01	2	TD4	A2	04A		
15452		XA437	09		XA441	10				16B	9			TRO1BR	04	TRO1BR	00	1	TD4	A2	04B	REQ REG 2ND PRIO	
15453		XA441	10		XA343	29				16B	9			TRO1BR	05	TR3WAA	01	3	TD4	A1	07A		
15454		XA343	29											TRO1BR	06	TROWAA	01	1	TT3	C2	14B		
15455		XA438	53		XA437	05				16B	9			TRO1BS	01	TR1WAA	01	1	TQ2	E3	28B		
15456		XA437	05		XA434	04				16B	9			TRO1BS	02	TRO1BR	01	3	TD4	A2	03B		
15457		XA434	04		XA413	04				16B	9			TRO1BS	03	TRO1BS	00	1	TT3	A1	04A	REQ REG 2ND PRIO	
15458		XA413	04											TRO1BS	04	TRO1SD	01	1	TLD	A2	04A	BUSS FOR CTS DIS	
15459		XA413	01										J	TRO1SD	01	TRO1SD	00	1	TLD	A2	02B	JDB11B4 BUSS	
15460		XA343	34		XA340	57				16B	9			TRO2BR	01	TROWAA	01	3	TT3	C2	16A		
15461		XA340	57		XA441	06				16B	9			TRO2BR	02	TS022A	01	1	TT3	E3	30B		
15462		XA441	06		XA435	07				16B	9			TRO2BR	03	TR3WAA	01	1	TD4	A1	05A		
15463		XA435	07		XA434	03				16B	9			TRO2BR	04	TRGP10	01	4	TD4	A2	03A		
15464		XA434	03		XA412	11				16B	9			TRO2BR	05	TRO2BS	01	2	TT3	A2	02A		
15465		XA412	11											TRO2BR	06	TRO2BR	00	1	TD4	A1	05B	REQ REG 3RD PRIO	

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DRAWING NUMBER		149019-800		STRING		UNIT ASSEMBLY NO.		149019		REV G		INDEX		TR02BR								
UNIT ASSEMBLY NAME		CARD CAGE ASSY, I/O UNIT		FILE IDENT		T39BIUX2		DATE		09-03-82		PAGE		282								
RECORD NUMBER	FROM			TO			WIRE			SIGNAL	SEC NO	EQUATION	TURN	FACTORY	CKT OR CHIP TYPE	GROUP	LOAD CP POWER PLANE	TEST POINTS AND/OR	SIGNAL DESCRIPTION	ECO NO		
	PREFIX	CONNECTOR	PIN	PREFIX	CONNECTOR	PIN	SH FTG	MULT GROUP	CODE												COLOR	IDENT
15466	XA136	61		XA436	24			16B	9		TR02BS	01	TCPD1A	01	1	TD4	E1	32B				
15467	XA436	24		XA434	07			16B	9		TR02BS	02	TR2WAA	01	2	TT3	B1	13A				
15468	XA434	07		XA412	06			16B	9		TR02BS	03	TR02BS	00	1	TT3	A2	03A	REQ REG 3RD PRIO			
15469	XA412	06		XA413	03			16B	9		TR02BS	04	TR02BR	01	1	TD4	A1	05A				
15470	XA413	03									TR02BS	05	TRJ2SD	01	1	TLD	A3	02A	BUSS FOR CTS DIS			
15471	XA413	09								J	TR02SD	01	TR02SD	00	1	TLD	A3	04B	JDB12B4 BUSS			
15472	XA435	25		XA435	05			16B	9		TR03BR	01	TR03BS	01	3	TD4	B1	12B				
15473	XA435	05		XA412	09			16B	9		TR03BR	02	TRGP10	01	3	TD4	A2	03B				
15474	XA412	09									TR03BR	03	TR03BR	00	1	TD4	A2	04B	REQ REG 4TH PRIO			
15475	XA441	13		XA435	23			16B	9		TR03BS	01	TR3WAA	01	4	TD4	A1	06B				
15476	XA435	23		XA413	11			16B	9		TR03BS	02	TR03BS	00	1	TD4	B1	11B	REQ REG 4TH PRIO			
15477	XA413	11		XA412	05			16B	9		TR03BS	03	TR03SD	01	1	TLD	A4	05B	BUSS FOR CTS DIS			
15478	XA412	05									TR03BS	04	TR03BR	01	3	TD4	A2	03B				
15479	XA413	15								J	TR03SD	01	TR03SD	00	1	TLD	A4	07B	JDB13B4 BUSS			
15480	XA412	23		XA435	19			16B	9		TR04BR	01	TR04BR	00	1	TD4	B1	11B	REQ REG 5TH PRIO			
15481	XA435	19		XA437	20			16B	9		TR04BR	02	TR04BS	01	3	TD4	B2	09B				
15482	XA437	20		XA436	18			16B	9		TR04BR	03	TR6WAA	01	4	TD4	B2	11A				
15483	XA436	18		XA436	08			16B	9		TR04BR	04	TR5WAA	01	3	TT3	B2	10A				
15484	XA436	08									TR04BR	05	TRGP20	01	2	TT3	A1	06A				
15485	XA412	22		XA413	24			16B	9		TR04BS	01	TR04BR	01	1	TD4	B1	12A				
15486	XA413	24		XA435	21			16B	9		TR04BS	02	TR04SD	01	1	TLD	B1	13A	BUSS FOR CTS DIS			
15487	XA435	21		XA438	59			16B	9		TR04BS	03	TR04BS	00	1	TD4	B2	10B	REQ REG 5TH PRIO			
15488	XA438	59									TR04BS	04	TR4WAA	01	1	TQ2	E4	31B				
15489	XA413	22								J	TR04SD	01	TR04SD	00	1	TLD	B1	12A	JDB14B4 BUSS			
15490	XA436	06		XA437	18			16B	9		TR05BR	01	TRGP20	01	1	TT3	A1	05A				
15491	XA437	18		XA435	40			16B	9		TR05BR	02	TR6WAA	01	2	TD4	B2	10A				
15492	XA435	40		XA412	21			16B	9		TR05BR	03	TR05BS	01	3	TD4	C1	19A				
15493	XA412	21									TR05BR	04	TR05BR	00	1	TD4	B2	10B	REQ REG 6TH PRIO			
15494	XA435	35		XA436	17			16B	9		TR05BS	01	TR05BS	00	1	TD4	C1	17B	REQ REG 6TH PRIO			
15495	XA436	17		XA413	18			16B	9		TR05BS	02	TR5WAA	01	2	TT3	B2	08B				
15496	XA413	18		XA412	19			16B	9		TR05BS	03	TR05SD	01	1	TLD	B2	10A	BUSS FOR CTS DIS			
15497	XA412	19									TR05BS	04	TR05BR	01	3	TD4	B2	09B				
15498	XA413	14								J	TR05SD	01	TR05SD	00	1	TLD	B2	09A	JDB15B4 BUSS			
15499	XA436	10		XA435	34			16B	9		TR06BR	01	TRGP20	01	3	TT3	A1	07A				
15500	XA435	34		XA412	35			16B	9		TR06BR	02	TR06BS	01	3	TD4	C2	16A				
15501	XA412	35									TR06BR	03	TR06BR	00	1	TD4	C1	17B	REQ REG 7TH PRIO			
											****	SIGNAL	TR06BS	IS ON THE NEXT PAGE				****				

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DRAWING NUMBER		149019-800										STRING		UNIT ASSEMBLY NO.		149019		REV		G		INDEX		TR06BS	
UNIT ASSEMBLY NAME		CARD CAGE ASSY, I/O UNIT										FILE IDENT		T39BIUX2		DATE		09-03-82		PAGE		283			
RECORD NUMBER	FROM				TO				WIRE				SIGNAL	SQ NO	EQUATION	TERM	FACTOR	CKT OR CHIP TYPE	GROUP	LOAD OR POWER PLANE	TEST POINTS AND OR	SIGNAL DESCRIPTION	ECO NO		
	PREFIX	CONNECTOR	PIN	WIRE	PREFIX	CONNECTOR	PIN	WIRE	MULTI GROUP	CODE	COLOR	IDENT													
15502		XA413	17		XA412	37				16B	9		TR06BS	01	TR06SD	01	1	TLD	B3		08B	BUSS FOR CTS DIS			
15503		XA412	37		XA435	33				16B	9		TR06BS	02	TR06BR	01	1	TD4	C1		18B				
15504		XA435	33		XA437	14				16B	9		TR06BS	03	TR06BS	00	1	TD4	C2		16B	REQ REG 7TH PRI			
15505		XA437	14										TR06BS	04	TR6WAA	01	1	TD4	B2		09A				
15506		XA413	21									J	TR06SD	01	TR06SD	00	1	TLD	B3		10B	JDB16B4 BUSS			
15507		XA438	62		XA437	26				16B	9		TR07BR	01	TRGP30	01	1	TQ2	E2		29A				
15508		XA437	26		XA437	37				16B	9		TR07BR	02	TR07BS	01	4	TD4	B1		14A				
15509		XA437	37		XA412	33				16B	9		TR07BR	03	TR8WAA	01	1	TD4	C1		18B				
15510		XA412	33										TR07BR	04	TR07BR	00	1	TD4	C2		16B	REQ REG 8TH PRI			
15511		XA412	34		XA413	23				16B	9		TR07BS	01	TR07BR	01	3	TD4	C2		16A				
15512		XA413	23		XA436	23				16B	9		TR07BS	02	TR07SD	01	1	TLD	B4		11B	BUSS FOR CTS DIS			
15513		XA436	23		XA437	23				16B	9		TR07BS	03	TR7WAA	01	2	TT3	B3		11B				
15514		XA437	23										TR07BS	04	TR07BS	00	1	TD4	B1		11B	REQ REG 8TH PRI			
15515		XA413	27									J	TR07SD	01	TR07SD	00	1	TLD	B4		13B	JDB17B4 BUSS			
15516		XA434	36		XA436	38				16B	9		TR08BR	01	TR08BR	00	1	TT3	C1		17A	REQ REG 9TH PRI			
15517		XA436	38		XA438	64				16B	9		TR08BR	02	TR08BS	01	1	TT3	C1		18A				
15518		XA438	64										TR08BR	03	TRGP30	01	2	TQ2	E2		30A				
15519		XA437	38		XA436	36				16B	9		TR08BS	01	TR8WAA	01	2	TD4	C1		18A				
15520		XA436	36		XA434	38				16B	9		TR08BS	02	TR08BS	00	1	TT3	C1		17A	REQ REG 9TH PRI			
15521		XA434	38		XA413	40				16B	9		TR08BS	03	TR08BR	01	1	TT3	C1		18A				
15522		XA413	40										TR08BS	04	TR08SD	01	1	TLD	C1		19A	BUSS FOR CTS DIS			
15523		XA413	38									J	TR08SD	01	TR08SD	00	1	TLD	C1		18A	JDB18B4 BUSS			
15524		XA435	49		XA434	31				16B	9		TR09BR	01	TREQ80	01	1	TD4	D1		26B				
15525		XA434	31		XA436	34				16B	9		TR09BR	02	TR09BR	00	1	TT3	C2		15B	REQ REG 10TH PRI			
15526		XA436	34										TR09BR	03	TR09BS	01	3	TT3	C2		16A				
15527		XA437	30		XA436	31				16B	9		TR09BS	01	TR9WAA	01	1	TD4	C2		15A				
15528		XA436	31		XA434	30				16B	9		TR09BS	02	TR09BS	00	1	TT3	C2		15B	REQ REG 10TH PRI			
15529		XA434	30		XA413	34				16B	9		TR09BS	03	TR09BR	01	2	TT3	C2		15A				
15530		XA413	34										TR09BS	04	TR09SD	01	1	TLD	C2		16A	BUSS FOR CTS DIS			
15531		XA413	30									J	TR09SD	01	TR09SD	00	1	TLD	C2		15A	JDB19B4 BUSS			
15532		XA438	57		XA437	60				16B	9		TR1WAA	01	TR1WAA	00	1	TQ2	E3		30B	CCC + DEV ADD 1			
15533		XA437	60										TR1WAA	02	TAR620	01	2	TD4	E2		28A				
15534		XA435	75		XA436	20				16B	9		TR2WAA	01	TAR520	01	1	TD4	F1		37B				
15535		XA436	20										TR2WAA	02	TR2WAA	00	1	TT3	B1		11A	CPU + DEV ADD 2			
15536		XA435	78		XA435	61				16B	9		TR3WAA	01	TAR520	01	3	TD4	F1		38A				
15537		XA435	61		XA437	55				16B	9		TR3WAA	02	TAR220	01	1	TD4	E1		32B				
15538		XA437	55		XA439	11				16B	9		TR3WAA	03	TAR620	01	1	TD4	E2		29B				
										****	SIGNAL	TR3WAA	IS ON THE		NEXT PAGE		****								

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RECORD NUMBER	FROM				TO				WIRE			SIGNAL	SEQ NO	EQUATION	T-TRM	FACTOR	CKT OR CHIP TYPE	LOAD OF POWER PLANE	TEST POINTS AND DP	SIGNAL DESCRIPTION	ECO NO
	PREFIX	CONNECTOR	PIN	WIRE	PREFIX	CONNECTOR	PIN	WIRE	MULTI GROUP	CODE	COLOR										
15539		XA439	11		XA441	11							TR3WAA	04	TR3WAO	01	1	THI	A1	07A	IOX 2 + DEV ADD
15540		XA441	11										TR3WAA	05	TR3WAA	00	1	T04	A1	05B	
15541		XA443	24		XA439	13							TR3WAO	01	TCSR2A	01	1	TQ2	B1	13A	IOX 2 + DEV ADD
15542		XA439	13										TR3WAO	02	TR3WAO	00	1	THI	A1	06A	
15543		XA441	05		XA439	15							TR4WAA	01	TA0450	01	3	T04	A2	03B	IOX 3 + DEV ADD
15544		XA439	15		XA438	63							TR4WAA	02	TR4WAO	01	1	THI	A6	07B	
15545		XA438	63		XA435	60							TR4WAA	03	TR4WAA	00	1	TQ2	E4	33E	IOX 3 + DEV ADD
15546		XA435	60		XA435	68							TR4WAA	04	TAR320	01	2	T04	E2	28A	
15547		XA435	68										TR4WAA	05	TAR220	01	3	T04	E1	32A	
15548		XA443	20		XA439	10							TR4WAO	01	TCSR3A	01	2	TQ2	B2	11A	IOX 3 + DEV ADD
15549		XA439	10										TR4WAO	02	TR4WAO	00	1	THI	A6	06B	
15550		XA437	62		XA435	50							TR5WAA	01	TAR620	01	3	T04	E2	29A	IOX 4 + DEV ADD
15551		XA435	50		XA436	19							TR5WAA	02	TAR120	01	4	T04	D2	23A	
15552		XA436	19		XA439	22							TR5WAA	03	TR5WAA	00	1	TT3	B2	09B	IOX 4 + DEV ADD
15553		XA439	22		XA441	01							TR5WAA	04	TR5WAO	01	1	THI	B1	14A	
15554		XA441	01										TR5WAA	05	TA0450	01	1	T04	A2	02B	
15555		XA443	17		XA439	24							TR5WAO	01	TCSR4A	01	1	TQ2	B3	08B	IOX 4 + DEV ADD
15556		XA439	24										TR5WAO	02	TR5WAO	00	1	THI	B1	13A	
15557		XA435	77		XA435	64							TR6WAA	01	TAR520	01	2	T04	F1	38B	IOX 5 + DEV ADD
15558		XA435	64		XA435	43							TR6WAA	02	TAR320	01	4	T04	E2	30A	
15559		XA435	43		XA437	21							TR6WAA	03	TAR120	01	1	T04	D2	23B	IOX 5 + DEV ADD
15560		XA437	21		XA439	20							TR6WAA	04	TR6WAA	00	1	T04	B2	10B	
15561		XA439	20		XA441	04							TR6WAA	05	TR6WAO	01	1	THI	B3	10A	IOX 5 + DEV ADD
15562		XA441	04										TR6WAA	06	TA0450	01	2	T04	A2	04A	
15563		XA443	25		XA439	18							TR6WAO	01	TCSR5A	01	2	TQ2	B4	12B	IOX 5 + DEV ADD
15564		XA439	18										TR6WAO	02	TR6WAO	00	1	THI	B3	09A	
15565		XA441	07		XA439	17							TR7WAA	01	TA0450	01	4	T04	A2	03A	IOX 6 + DEV ADD 7
15566		XA439	17		XA436	27							TR7WAA	02	TR7WAO	01	1	THI	B4	09B	
15567		XA436	27		XA435	48							TR7WAA	03	TR7WAA	00	1	TT3	B3	13B	IOX 6 + DEV ADD 7
15568		XA435	48		XA437	64							TR7WAA	04	TAR120	01	3	T04	D2	22A	
15569		XA437	64		XA435	70							TR7WAA	05	TAR620	01	4	T04	E2	30A	IOX 6 + DEV ADD 7
15570		XA435	70		XA435	79							TR7WAA	06	TAR220	01	4	T04	E1	33A	
15571		XA435	79										TR7WAA	07	TAR520	01	4	T04	F1	39B	
15572		XA443	40		XA439	14							TR7WAO	01	TCSR6A	01	1	TQ2	C1	19A	IOX 6 + DEV ADD
15573		XA439	14										TR7WAO	02	TR7WAO	00	1	THI	B4	08B	
15574		XA414	05		XA414	25							TR8WAA	01	TA012A	01	3	TT3	A2	03B	IOX 6 + DEV ADD
15575		XA414	25		XA414	26							TR8WAA	02	TA032A	01	3	TT3	B3	12B	
15576		XA414	26		XA437	35							TR8WAA	03	TA022A	01	3	TT3	B1	14A	IOX 6 + DEV ADD
15577		XA437	35		XA439	21							TR8WAA	04	TR8WAA	00	1	T04	C1	17B	
15578		XA439	21										TR8WAA	05	TR8WAO	01	1	THI	B5	11B	IOX WIN AUCT

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	PREFIX	CONNECTOR	PIN	WIRE	PREFIX	CONNECTOR	PIN	WIRE	WIRE	WIRE	WIRE	WIRE											
15579		XA443	07		XA439	19		16B	9				TR8WAO	01	TCSROA	01	2	TQ2	A3		03A		
15580		XA439	19		XA440	42		16B	9				TR8WAO	02	TR8WAO	00	1	THI	B5		10B	IOX 6 WIN AUCT	
15581		XA440	42		XA414	40		16B	9				TR8WAO	03	TA002A	01	2	TQ2	C1		20A		
15582		XA414	40		XA414	17		16B	9				TR8WAO	04	TA033A	01	2	TT3	C1		19A		
15583		XA414	17		XA414	11		16B	9				TR8WAO	05	TA023A	01	2	TT3	B2		08B		
15584		XA414	11										TR8WAO	06	TA013A	01	2	TT3	A3		05B		
15585		XA435	66		XA435	55		16B	9				TR9WAA	01	TAR220	01	2	TD4	E1		31A		
15586		XA435	55		XA435	46		16B	9				TR9WAA	02	TAR320	01	1	TD4	E2		29B		
15587		XA435	46		XA437	33		16B	9				TR9WAA	03	TAR120	01	2	TD4	D2		21A		
15588		XA437	33		XA439	23		16B	9				TR9WAA	04	TR9WAA	00	1	TD4	C2		16B	IOX 7 WIN AUCT	
15589		XA439	23										TR9WAA	05	TR9WAO	01	1	THI	B2		12A		
15590		XA443	36		XA439	25		16B	9				TR9WAO	01	TCSR7A	01	2	TQ2	C2		17A		
15591		XA439	25										TR9WAO	02	TR9WAO	00	1	THI	B2		11A	IOX 7 WIN AUCT	
15592		XA247	78		XA248	36		16B	9				TSA0BA	01	TS231A	01	7	TS8	F1		38A		
15593		XA248	36		XA142	34		16B	9				TSA0BA	02	TCD320	01	4	TD4	C2		17A		
15594		XA142	34		XA140	39		16B	9				TSA0BA	03	TSA0B0	01	1	TQ2	C2		16A		
15595		XA140	39										TSA0BA	04	TSA0BA	00	1	TQ2	C4		19B	SPECIAL ADD.00-A	
15596		XA140	64		XA142	30		16B	9				TSA0B0	01	TOFROA	01	2	TQ2	E2		30A		
15597		XA142	30										TSA0B0	02	TSA0B0	00	1	TQ2	C2		15A	SPECIAL ADD.00-0	
15598		XA247	75		XA248	34		16B	9				TSA1BA	01	TS231A	01	5	TS8	F1		37B		
15599		XA248	34		XA141	47		16B	9				TSA1BA	02	TCD320	01	3	TD4	C2		16A		
15600		XA141	47		XA140	09		16B	9				TSA1BA	03	TSA1B0	01	1	TQ2	D4		25B	OFR COMMAND	
15601		XA140	09										TSA1BA	04	TSA1BA	00	1	TQ2	A3		04B	SPECIAL ADD.01-A	
15602		XA304	40		XA340	01		16B	9				TSA1B0	01	TITR1A	01	1	TQ2	C1		19A		
15603		XA340	01		XA140	53		16B	9				TSA1B0	02	TOFS1A	01	1	TT3	A2		02B		
15604		XA140	53		XA141	51		16B	9				TSA1B0	03	TOFR1A	01	1	TQ2	E3		28B		
15605		XA141	51										TSA1B0	04	TSA1B0	00	1	TQ2	D4		27B	SPECIAL ADD.01-0	
15606		XA141	52		XA149	25		16B	9				TSA2BA	01	TSA2BA	00	1	TQ2	D1		24A	SPECIAL ADD.02-A	
15607		XA149	25		XA248	31		16B	9				TSA2BA	02	TSA2B0	01	2	TQ2	B4		12B		
15608		XA248	31		XA247	74		16B	9				TSA2BA	03	TCD320	01	2	TD4	C2		15B		
15609		XA247	74										TSA2BA	04	TS231A	01	4	TS8	F1		35B		
15610		XA149	27		XA140	61		16B	9				TSA2B0	01	TSA2B0	00	1	TQ2	B4		13B	SPECIAL ADD.02-0	
15611		XA140	61		XA319	69		16B	9				TSA2B0	02	TOFR2A	01	2	TQ2	E4		32B		
15612		XA319	69		XA304	36		16B	9				TSA2B0	03	TOFS2A	01	1	TT3	F3		35A		
15613		XA304	36										TSA2B0	04	TITR2A	01	2	TQ2	C2		17A		
15614		XA112	15		XA205	39		16B	9				TSA3BA	01	TSA3BA	00	1	TQ2	A4		07B	SPECIAL ADD.03-A	
15615		XA205	39		XA248	30		16B	9				TSA3BA	02	TSA3B0	01	1	THI	C6		19B		
15616		XA248	30		XA247	73		16B	9				TSA3BA	03	TCD320	01	1	TD4	C2		15A		
15617		XA247	73										TSA3BA	04	TS231A	01	3	TS8	F1		36B		

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	PREFIX	CONNECTOR	PIN	DR FG	PREFIX	CONNECTOR	PIN	DR FG	MULTI GROUP	CODE	COLOR	IDENT											
15618		XA206	57			XA205	42			16B	9		TSA3B0	01	TDEV3A	01	1	TT3	E3		30B		
15619		XA205	42										TSA3B0	02	TSA3B0	00	1	THI	C6		18B	SPECIAL ADD.03-0	
15620		XA350	36			XA115	57			16B	9		TSB17A	01	T00050	01	2	TQ2	C2		17A		
15621		XA115	57										TSB17A	02	TSB17A	00	1	TQ2	E3		30B	S1+S7+S15+S17+S2	
15622		XA206	56			XA113	59			16B	9		TSN1BP	01	TSN110	01	3	TT3	D1		26A		
15623		XA113	59										TSN1BP	02	TSN1BP	00	1	TDD	JP		31B	PRESET	
15624		XA144	20			XA113	61			16B	9		TSN1BQ	01	TBRR SA	01	4	TD4	B2		11A		
15625		XA113	61			XA421	13			16B	9		TSN1BQ	02	TSN1BQ	00	1	TDD	JQ		32B	PRESET INPUT	
15626		XA421	13										TSN1BQ	03	YSNICGX5	01	1	ACF	B1		06A		
15627		XA206	50			XA113	68			16B	9		TSN110	01	TSN110	00	1	TT3	D1		23A	SET MEM SYNC 1	
15628		XA113	68										TSN110	02	TSN1BI	01	1	TDD	JI		32A		
15629		XA325	31			XA213	66			16B	9		TSN2AA	01	TDRS1A	01	2	TD4	C2		15B		
15630		XA213	66										TSN2AA	02	TSN2AA	00	1	THI	E1		32A	MEM SYNC 2	
15631		XA405	76			XA412	56			16B	9		TSSGAP	01	TSSGAP	00	1	TDD	LP		37A		
15632		XA412	56			XA414	49			16B	9		TSSGAP	02	TSS1AA	01	4	TD4	D1		26A		
15633		XA414	49			XA414	61			16B	9		TSSGAP	03	TS2ABA	01	3	TT3	D3		26B		
15634		XA414	61			XA436	79			16B	9		TSSGAP	04	TS1ABA	01	3	TT3	E3		32B		
15635		XA436	79										TSSGAP	05	TSS11A	01	3	TT3	F1		39B		
15636		XA445	34			XA442	48			16B	9		TSSGAQ	01	TSS12A	01	3	TT3	C2		16A		
15637		XA442	48			XA405	78			16B	9		TSSGAQ	02	TSSGBI	01	1	TDD	HI		22A		
15638		XA405	78										TSSGAQ	03	TSSGAQ	00	1	TDD	LQ		38A	LSB START CONT REG	
15640		XA412	54			XA414	59			16B	9		TSSGBP	02	TSS1AA	01	3	TD4	D1		25A		
15641		XA414	59			XA414	47			16B	9		TSSGBP	03	TS1ABA	01	2	TT3	E3		31B		
15642		XA414	47			XA442	45			16B	9		TSSGBP	04	TS2ABA	01	2	TT3	D3		25B		
15643		XA442	45										TSSGBP	05	TSSGBP	00	1	TDD	HP		24B		
15644		XA445	30			XA442	43			16B	9		TSSGBQ	01	TSS12A	01	2	TT3	C2		15A		
15645		XA442	43			XA436	77			16B	9		TSSGBQ	02	TSSGBQ	00	1	TDD	HQ		23B		
15646		XA436	77			XA433	05			16B	9		TSSGBQ	03	TSS11A	01	2	TT3	F1		38B		
15647		XA433	05										TSSGBQ	04	TSSGCI	01	1	TDD	BI		03B		
15639		XA405	77			XA412	52			16B	9		TSSGCP	00	TSSGAI	01	1	TDD	LI		38B		805
15648		XA412	52			XA433	09			16B	9		TSSGCP	01	TSS1AA	01	2	TD4	D1		24A		
15649		XA433	09										TSSGCP	02	TSSGCP	00	1	TDD	BP		04B		
15650		XA414	45			XA414	57			16B	9		TSSGCQ	01	TS2ABA	01	1	TT3	D3		24B		
15651		XA414	57			XA436	75			16B	9		TSSGCQ	02	TS1ABA	01	1	TT3	E3		30B		
15652		XA436	75			XA433	07			16B	9		TSSGCQ	03	TSS11A	01	1	TT3	F1		37B		
15653		XA433	07			XA445	29			16B	9		TSSGCQ	04	TSSGCQ	00	1	TDD	BQ		03A	MSB START CONTROL	
15654		XA445	29										TSSGCQ	05	TSS12A	01	1	TT3	C2		14B		

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UNIT ASSEMBLY NAME		CARD CAGE ASSY, I/O UNIT		FILE IDENT		T39BIUX2		DATE		09-03-82		PAGE		287													
RECORD NUMBER	PREFIX	CONNECTOR	PIN	TO	PREFIX	CONNECTOR	PIN	WIRE	WIRE	WIRE	WIRE	SIGNAL	SEQ NO	EQUATION	TERM	PLATE	PKT	OR	CHIP	TYPE	GROUP	LOAD OR POWER PLANE	TEST POINTS AND/OR	SIGNAL DESCRIPTION	ECO NO		
15655		XA412	47		XA414	46						TSS1AA	01	TSS1AA	00	1	T04	01					25B	INHIBIT START CON			
15656		XA414	46									TSS1AA	02	TPUSAA	00	2	TT3	02					21A				
15660		XA249	08		XA439	66						TSS100	01	JSSGAD4	00	1	TLD	A1					06A	TO UPPER CPU	B05		
15661		XA439	66									TSS100	02	TSS100	00	1	THI	E1					32A	START TO CPU	B05		
15657		XA436	73		XA446	34						TSS11A	01	TSS11A	00	1	TT3	F1					36B	180 N SEC START	TB05		
15659		XA446	34									TSS11A	03	TFIOCR	00	1	TQ2	C2					16A				
15662		XA445	31		XA446	47						TSS12A	01	TSS12A	00	1	TT3	C2					15B	CLEAR STOP/ CONTR			
15663		XA446	47									TSS12A	02	TFIOAR	00	1	TQ2	04					25B				
15664		XA302	34		XA417	53		CA	1EB	0		TSTBADG4	01														
15665		XA417	53									TSTBADG4	02														
15668		XA302	33		XA417	55		CA	1EB	9		TSTBADX4	005														
15666		XA417	55		XA410	23			16B	9		TSTBADX4	01	TSTBADX4	00	1	DCF	C3					30B	I/O STROBE EXT			
15667		XA410	23						16B	9		TSTBADX4	02														
15669		XA551	55		XA544	55			16B	9		TSTBCA	01	XESTB0	01	1	THI	E4					29B				
15670		XA544	55		XA538	55			16B	9		TSTBCA	02	XOSTB0	01	1	THI	E4					29B				
15671		XA538	55		XA531	55			16B	9		TSTBCA	03	XCSTB0	01	1	THI	E4					29B				
15672		XA531	55		XA525	55			16B	9		TSTBCA	04	XBSTB0	01	1	THI	E4					29B				
15673		XA525	55		XA518	55			16B	9		TSTBCA	05	XASTB0	01	1	THI	E4					29B				
15674		XA518	55		XA426	19			16B	9		TSTBCA	06	XISTB0	01	1	THI	E4					29B				
15675		XA426	19						16B	9		TSTBCA	07	TSTBCA	00	1	THI	B5					10B				
15676		XA108	17		XA112	53			16B	9		TSTBRQ	01	TES2AA	01	2	TT3	B2					08B				
15677		XA112	53		XA115	59			16B	9		TSTBRQ	02	TI313A	01	1	TQ2	E3					28B				
15678		XA115	59		XA148	55			16B	9		TSTBRQ	03	TSTB3A	01	1	TQ2	E4					31B				
15679		XA148	55									TSTBRQ	04	TSTBRQ	00	1	TDD	KQ					29B	PRESET STOP BURST			
15680		XA122	50		XA148	62			16B	9		TSTBR0	01	TSTBR0	00	1	TT3	D1					23A	SET STOP BURST			
15681		XA148	62									TSTBR0	02	TSTBRI	01	1	TDD	KI					29A				
15682		XA250	08		XA122	52			16B	9		TSTB1A	01	TMO110	01	6	TS8	A1					06A				
15683		XA122	52		XA305	33			16B	9		TSTB1A	02	TSTBR0	01	1	TT3	D1					24A				
15684		XA305	33									TSTB1A	03	TSTB1A	00	1	T04	C2					16B	NO COMPARE IN BU			
15685		XA206	43		XA122	54			16B	9		TSTB2A	01	TSTB2A	00	1	TT3	D2					23B	ERROR IN BURST S			
15686		XA122	54									TSTB2A	02	TSTBR0	01	2	TT3	D1					25A				
15687		XA115	63		XA122	56			16B	9		TSTB3A	01	TSTB3A	00	1	TQ2	E4					33B	STOP BURST FF ON			
15688		XA122	56									TSTB3A	02	TSTBR0	01	3	TT3	D1					26A				
15689		XA317	64		XA113	57			16B	9		TSTRBP	01	TS3EBP	01	1	TDD	KP					30A				
15690		XA113	57									TSTRBP	02	TSTRBP	00	1	TDD	KP					30B	STROBE F/F-RESET			
													****	SIGNAL	(TSTRBQ				IS ON THE				NEXT PAGE				****

DRAWING NUMBER		149019-800		STRING		UNIT ASSEMBLY NO.		149019		REV		G		INDEX		TSTRBQ						
UNIT ASSEMBLY NAME		CARD CAGE ASSY, I/O UNIT				FILE IDENT		T398 IUX2		DATE		09-03-82		PAGE		288						
RECORD NUMBER	FROM	TO	WIRE		SIGNAL	SEQ NO	EQUATION	TERM	FACT	CKT OR CHIP TYPE	GRM	LOAD OR POWER PLANE	TEST POINTS AND OR	SIGNAL DESCRIPTION	ECO NO							
	PREFIX	CONNECTOR	PIN	DI	PREFIX	CONNECTOR	PIN	DI	MULTI GROUP	CODE	COLOR	IDENT	SPEC INST	MISC								
15691		XA426	21		XA417	51				16B	9		TSTRBQ	01	TSTBCA	01	1	THI	B5	11B		
15692		XA417	51		XA113	55				16B	9		TSTRBQ	02	TSTBAOX	01	1	DCF	C4	28B		
15693		XA113	55										TSTRBQ	03	TSTRBQ	00	1	TDD	KQ	29B		STROBE F/F-SET
15694		XA115	01		XA112	65				16B	9		TSTR1A	01	TSTR1A	00	1	TQ2	A2	02B		
15695		XA112	65										TSTR1A	02	TSTR1O	01	1	TQ2	F3	34B		
15696		XA112	69		XA116	47				16B	9		TSTR1O	01	TSTR1O	00	1	TQ2	F3	35A		STROBE CLOCK-0
15697		XA116	47		XA116	50				16B	9		TSTR1O	02	TC24A	01	1	TQ2	D4	25B		
15698		XA116	50										TSTR1O	03	TC23A	01	2	TQ2	D2	23A		
15699		XA115	72		XA113	64				16B	9		TSTR2A	01	TSTR2A	00	1	TQ2	F2	34A		OSC*.C1.C2
15700		XA113	64										TSTR2A	02	TSTRBP	01	1	TDD	KP	30A		
15701		XA205	59		XA116	80				16B	9		TSTR8A	01	TSTR8A	00	1	THI	E5	31B		
15702		XA116	80										TSTR8A	02	TSTR8A	00	1	TQ2	F4	39A		COUNTER#1.2
15703		XA115	71		XA205	57				16B	9		TSTR8O	01	TSTR2A	01	1	TQ2	F2	36A		
15704		XA205	57										TSTR8O	02	TSTR8O	00	1	THI	E5	30B		BYTE COUNT 1.2-
15705		XA206	20		XA113	53				16B	9		TSTR9A	01	TSTR9A	00	1	TT3	B1	11A		I1+I2+I3
15706		XA113	53										TSTR9A	02	TSTRBQ	01	1	TDD	KQ	28B		
15707		XA446	70		XA116	69				16B	9		TSOBRA	01	TSOBRD	01	2	TQ2	E1	33A		
15708		XA116	69										TSOBRA	02	TSOBRA	00	1	TQ2	F3	35A		SO.BRST*-A
15709		XA438	04		XA438	07				16B	9		TSOBRD	01	TRBMOA	01	1	TQ2	A2	04A		
15710		XA438	07		XA438	13				16B	9		TSOBRD	02	TRBM1A	01	2	TQ2	A3	03A		
15711		XA438	13		XA438	17				16B	9		TSOBRD	03	TRBM2A	01	2	TQ2	A4	06B		
15712		XA438	17		XA438	18				16B	9		TSOBRD	04	TRBM5A	01	1	TQ2	B3	08B		
15713		XA438	18		XA438	24				16B	9		TSOBRD	05	TRBM4A	01	1	TQ2	B2	10A		
15714		XA438	24		XA438	25				16B	9		TSOBRD	06	TRBM3A	01	1	TQ2	B1	13A		
15715		XA438	25		XA431	70				16B	9		TSOBRD	07	TRBM6A	01	2	TQ2	B4	12B		
15716		XA431	70		XA446	66				16B	9		TSOBRD	08	TRBM7A	01	2	TQ2	E1	33A		
15717		XA446	66										TSOBRD	09	TSOBRD	00	1	TQ2	E1	31A		SO.BRST*-0
14194		XA122	21		XA251	04				16B	9		TS00AA	005	TMRMTO	01	1	TT3	B3	10B		
15718		XA251	04		XA350	05				16B	9		TS00AA	01	TMT0BP	01	1	TDD	BP	04A		
15719		XA350	05		XA346	50				16B	9		TS00AA	02	TS001A	01	2	TQ2	A2	03B		
15720		XA346	50		XA341	46				16B	9		TS00AA	03	TS2160	01	2	TQ2	D2	23A		
07922		XA341	46		XA330	55				16B	9		TS00AA	04	TS00AA	00	1	TQ2	D2	21A		
15722		XA330	55		XA406	41				16B	9		TS00AA	05	TI112A	01	1	TS8	E1	29B		
15723		XA406	41										TS00AA	06	X500A0	01	1	THI	D4	23B		
15724		XA146	25		XA136	62				16B	9		TS00A0	01	TBK14A	01	2	TQ2	B4	12B		
15725		XA136	62		XA327	38				16B	9		TS00A0	02	TRCPUA	01	3	TD4	E2	29A		
15726		XA327	38		XA342	30				16B	9		TS00A0	03	TRQ0AA	01	1	TT3	C1	18A		
15727		XA342	30		XA445	35				16B	9		TS00A0	04	TS00A0	00	1	THI	C4	14B		STATE SO UNLDA
15728		XA445	35		XA440	08				16B	9		TS00A0	05	TRQ7AA	01	2	TT3	C3	17B		
15729		XA440	08		XA436	03				16B	9		TS00A0	06	TRCCCA	01	1	TQ2	A1	06A		
										****		SIGNAL	TS00A0		IS ON THE			NEXT PAGE	****			

3-2879-1

DRAWING NUMBER 149019-800
 UNIT ASSEMBLY NAME CARD CAGE ASSY, I/O UNIT

STRING

UNIT ASSEMBLY NO. 149019
 FILE IDENT T398IUX2
 REV G
 DATE 09-03-82
 INDEX TS00A0
 PAGE 289

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											
15730		XA436	03		XA434	14			16B	9		TS00A0	07	TRQ6AA	01 2	TT3	A2	02A		
15731		XA434	14		XA434	21			16B	9		TS00A0	08	TRQ4AA	01 1	TT3	B2	09A	*	
15732		XA434	21		XA414	29			16B	9		TS00A0	09	TRQ5AA	01 1	TT3	B3	10B	*	
15733		XA414	29		XA414	35			16B	9		TS00A0	10	TRQ1AA	01 1	TT3	C2	14B	REQUEST 0 IOM	
15734		XA414	35		XA414	54			16B	9		TS00A0	11	TRQ2AA	01 2	TT3	C3	17B		
15735		XA414	54									TS00A0	12	TRQ3AA	01 2	TT3	D1	25A		
15736		XA116	13		XA207	61			16B	9		TS00BP	01	TMDWR	01 2	TQ2	A4	06B		
15737		XA207	61		XA207	65			16B	9		TS00BP	02	TPED2A	01 2	TQ2	E4	32B		
15738		XA207	65		XA309	10			16B	9		TS00BP	03	TPEB2A	01 1	TQ2	F3	34B		
15739		XA309	10		XA339	21			16B	9		TS00BP	04	TAVEIA	01 3	TT3	A1	07A		
15740		XA339	21		XA342	29			16B	9		TS00BP	05	TS00BP	00 1	TDD	DP	10B	PRERESET S00	
15741		XA342	29		XA343	35			16B	9		TS00BP	06	TS00A0	01 1	TH1	C4	15B		
15742		XA343	35		XA143	64			16B	9		TS00BP	07	TS1760	01 2	TT3	C3	17B		
15743		XA143	64		XA141	31			16B	9		TS00BP	08	TTMPR	01 1	TDD	KP	30A		C05
05099		XA141	31									TS00BP	09	TER5AA	01 2	TQ2	C3	15B		C05
15744		XA438	10		XA339	19			16B	9		TS00BQ	01	TF10CA	01 2	TQ2	A1	07A		
15745		XA339	19		XA340	13			16B	9		TS00BQ	02	TS00BQ	00 1	TDD	DQ	09B	MASTER RESET SEL	
15746		XA340	13		XA341	48			16B	9		TS00BQ	03	TS009A	01 3	TT3	A3	06B		
05760		XA341	48		XA345	42			16B	9		TS00BQ	04	TS00AA	01 1	TQ2	D2	22A		
15748		XA345	42		XA348	10			16B	9		TS00BQ	05	TS012A	01 4	TD4	C1	20A		
15749		XA348	10		XA144	37			16B	9		TS00BQ	06	TS00SD	01 2	TLD	A1	07A		
15750		XA144	37		XA116	74			16B	9		TS00BQ	07	TBT12A	01 1	TD4	C1	18B		
15751		XA116	74									TS00BQ	08	TS0BRA	01 2	TQ2	F3	35B		
15752		XA348	06								J	TS00SD	01	TS00SD	00 1	TLD	A1	05A	JDB00B4 BUSS	
15753		XA350	01		XA341	77			16B	9		TS001A	01	TS001A	00 1	TQ2	A2	02B	STATE S03 + S04	
15754		XA341	77									TS001A	02	TS1T30	01 1	TQ2	F1	38B		
15755		XA423	79		XA339	18			16B	9		TS0010	01	TMPWAA	01 2	TQ2	F1	39B		
15756		XA339	18		XA344	11			16B	9		TS0010	02	TS008I	01 1	TDD	D1	10A		
15757		XA344	11		XA350	04			16B	9		TS0010	03	TS0010	00 1	TS8	A1	05B	SELECT S00 CONDI	
15758		XA350	04									TS0010	04	TS001A	01 1	TQ2	A2	04A		
15759		XA342	49		XA344	13			16B	9		TS002A	01	TS002A	00 1	TH1	D2	23A	S9 + S12 + S13 +	
15760		XA344	13									TS002A	02	TS0010	01 8	TS8	A1	06B		
15761		XA344	23		XA342	47			16B	9		TS0020	01	TS0020	00 1	TS8	B1	11B	STATE S9 + S12 +	
15762		XA342	47									TS0020	02	TS002A	01 1	TH1	D2	24A		
15763		XA341	15		XA344	06			16B	9		TS003A	01	TS003A	00 1	TQ2	A4	07B	S7(MO. BOOTSTRAP	
15764		XA344	06									TS003A	02	TS0010	01 4	TS8	A1	05A		
15765		XA333	76		XA344	78			16B	9		TS004A	01	TS004A	00 1	TS8	F1	37A	NORMAL WORD INPU	
15766		XA344	78		XA344	05			16B	9		TS004A	02	TS134A	01 7	TS8	F1	38A		
15767		XA344	05									TS004A	03	TS0010	01 3	TS8	A1	03B		
15768		XA344	07		XA345	11			16B	9		TS005A	01	TS0010	01 5	TS8	A1	03A		
									****	SIGNAL		TS005A		IS ON THE		NEXT PAGE	****			

DRAWING NUMBER UNIT ASSEMBLY NAME		STRING										UNIT ASSEMBLY NO. 149019 FILE IDENT T39BIUX2		REV G DATE 09-03-82		INDEX PAGE 290		TS005A				
RECORD NUMBER	FROM			TO			WIRE				SIGNAL	SEC NO	EQUATION	TERM	FACTOR	CKT OR CHIP TYPE	GROUP	LOAD CP POWER PLANE	TEST POINTS AND/OR	SIGNAL DESCRIPTION	ECO NO	
	PREFIX	CONNECTOR	PIN	PREFIX	CONNECTOR	PIN	SH FLD	MULTI GROUP	CODE	COLOR												IDENT
15769		XA345	11									TS005A	02	TS005A	00	1	TD4	A1	05B	BYTE INPUT		
15770		XA247	62		XA344	08			16B	9		TS006A	01	TS162A	01	4	TS8	E1	29A			
15771		XA344	08		XA325	35			16B	9		TS006A	02	TS0010	01	6	TS8	A1	06A			
15772		XA325	35									TS006A	03	TS006A	00	1	TD4	C1	17B	INPUT NORMAL GO		
15773		XA236	73		XA341	39			16B	9		TS007A	01	TS251A	01	3	TD4	F2	36B			
15774		XA341	39		XA344	04			16B	9		TS007A	02	TS007A	00	1	TQ2	C4	19B	S25(I/O T.O. + I		
15775		XA344	04		XA248	38			16B	9		TS007A	03	TS0010	01	2	TS8	A1	04A			
15776		XA248	38									TS007A	04	TACKA0	01	2	TD4	C1	18A			
15777		XA248	37		XA344	01			16B	9		TS008A	01	TACKA0	01	1	TD4	C1	18B			
15778		XA344	01		XA341	52			16B	9		TS008A	02	TS0010	01	1	TS8	A1	02B			
15779		XA341	52									TS008A	03	TS008A	00	1	TQ2	D1	24A	S26(OFR0+OFR1+OF		
15780		XA340	15		XA344	10			16B	9		TS009A	01	TS009A	00	1	TT3	A3	07B	TE 08-31 CLOCK-A		
15781		XA344	10									TS009A	02	TS0010	01	7	TS8	A1	07A			
15782		XA344	56		XA342	50			16B	9		TS01BP	01	TS1070	01	8	TS8	D1	26A			
15783		XA342	50		XA339	35			16B	9		TS01BP	02	TS01C0	01	1	TH1	D3	22A			
15784		XA339	35									TS01BP	03	TS01BP	00	1	TDD	EP	17B	MASTER RESET SOL		
15785		XA351	40		XA348	42			16B	9		TS01BQ	01	TXAUCA	01	2	TT3	C1	19A			
15786		XA348	42		XA342	38			16B	9		TS01BQ	02	TS01SD	01	2	TLD	C1	20A			
15787		XA342	38		XA339	37			16B	9		TS01BQ	03	TS01CA	01	1	TH1	C1	20A			
15788		XA339	37		XA136	70			16B	9		TS01BQ	04	TS01BQ	00	1	TDD	EQ	18B	BURST COM NOT REM		
15789		XA136	70		XA108	05			16B	9		TS01BQ	05	TCPD1A	01	4	TD4	E1	33A			
15790		XA108	05									TS01BQ	06	TER1AA	01	3	TT3	A2	03B			
15791		XA339	20		XA342	40			16B	9		TS01CA	01	TS008P	01	1	TDD	DP	11A			
15792		XA342	40									TS01CA	02	TS01CA	00	1	TH1	C1	19A	TE0731 RESET UNL		
15793		XA305	73		XA305	31			16B	9		TS01C0	01	TBHLTA	01	3	TD4	F2	36B			
15794		XA305	31		XA342	48			16B	9		TS01C0	02	TSTB1A	01	2	TD4	C2	15B			
15795		XA342	48		XA127	18			16B	9		TS01C0	03	TS01C0	00	1	TH1	D3	21A	S01 UNLOAD		
15796		XA127	18									TS01C0	04	JDIG6D4	01	1	TLD	B2	10A			
15797		XA140	27		XA305	71			16B	9		TS01L0	01	TS01L0	00	1	TQ2	B4	13B	S01;LATCH,BURST C		
15798		XA305	71									TS01L0	02	TBHLTA	01	1	TD4	F2	36A			
15799		XA348	38								J	TS01SD	01	TS01SD	00	1	TLD	C1	18A	JDB01B4 BUSS		
15800		XA344	22		XA341	45			16B	9		TS010A	01	TS0020	01	5	TS8	B1	12A			
15801		XA341	45									TS010A	02	TS010A	00	1	TQ2	D3	24B	S15 . BTS2 GO TO		
05771		XA335	76		XA340	11			16B	9		TS012A	005	TS0120	01	1	TQ2	F4	37A		D05	
15802		XA340	11		XA345	35			16B	9		TS012A	01	TS009A	01	2	TT3	A3	05B			D05
15804		XA345	35									TS012A	03	TS012A	00	1	TD4	C1	17B	REQ, XFER TO S01		
15805		XA339	40		XA335	80			16B	9		TS0120	01	TS01B1	01	1	TDD	E1	19A			D05
									****	SIGNAL		TS0120		IS ON THE					****			

DRAWING NUMBER 149019-800
 UNIT ASSEMBLY NAME CARD CAGE ASSY, I/O UNIT

STRING

UNIT ASSEMBLY NO. 149019
 FILE IDENT T398IUX2

REV G
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INDEX TS0120
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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	REF	MULTI GROUP	CODE	COLOR											
07906		XA335	80									TS0120	02	TS0120	00	1	TQ2	F4	39A		D05
15807		XA146	71		XA342	43			16B	9		TS02A0	01	TCBCAA	01	1	TQ2	F2	36A		
15808		XA342	43		XA438	70			16B	9		TS02A0	02	TS02A0	00	1	THI	D5	24B		STATE S2 UNLOA
15809		XA438	70		XA431	73			16B	9		TS02A0	03	TRDA7A	01	2	TQ2	E1	33A		
15810		XA431	73		XA431	77			16B	9		TS02A0	04	TRDA4A	01	2	TQ2	F2	36B		
15811		XA431	77		XA431	76			16B	9		TS02A0	05	TRDA3A	01	1	TQ2	F1	38B		
15812		XA431	76		XA431	64			16B	9		TS02A0	06	TRDA6A	01	1	TQ2	F4	37A		
15813		XA431	64		XA431	65			16B	9		TS02A0	07	TRDA0A	01	2	TQ2	E2	30A		
15814		XA431	65		XA431	61			16B	9		TS02A0	08	TRDA5A	01	1	TQ2	F3	34B		
15815		XA431	61		XA431	53			16B	9		TS02A0	09	TRDA2A	01	2	TQ2	E4	32B		
15816		XA431	53									TS02A0	10	TRDA1A	01	1	TQ2	E3	28B		
15817		XA341	79		XA342	51			16B	9		TS02BP	01	TS1T30	01	2	TQ2	F1	39B		
15818		XA342	51		XA342	45			16B	9		TS02BP	02	TS02C0	01	1	THI	D6	27B		
15819		XA342	45		XA339	33			16B	9		TS02BP	03	TS02A0	01	1	THI	D5	25B		
15820		XA339	33		XA345	20			16B	9		TS02BP	04	TS02BP	00	1	TDD	FP	16B		MASTER RESET
15821		XA345	20									TS02BP	05	TS2610	01	4	TD4	B2	11A		
15822		XA423	62		XA434	76			16B	9		TS02BQ	01	TBS02A	01	1	TQ2	E2	29A		
15823		XA434	76		XA339	31			16B	9		TS02BQ	02	TINTRA	01	2	TT3	F3	37A		
15824		XA339	31		XA345	70			16B	9		TS02BQ	03	TS02BQ	00	1	TDD	FQ	15B		PRESET S02
15825		XA345	70		XA346	54			16B	9		TS02BQ	04	TS031A	01	4	TD4	E1	33A		
15826		XA346	54		XA346	37			16B	9		TS02BQ	05	TS2N1A	01	1	TQ2	D1	25A		
15827		XA346	37		XA348	36			16B	9		TS02BQ	06	TS2INA	01	2	TQ2	C4	18B		
15828		XA348	36		XA150	06			16B	9		TS02BQ	07	TS02SD	01	2	TLO	C2	17A		
15829		XA150	06									TS02BQ	08	TS021A	01	1	TT3	A1	05A		
15830		XA115	23		XA127	17			16B	9		TS02C0	01	YKWX2A	01	1	TQ2	B4	11B		
15831		XA127	17		XA137	22			16B	9		TS02C0	02	JDIG5D4	01	1	TLD	B3	08B		
15832		XA137	22		XA342	53			16B	9		TS02C0	03	TBD24A	01	1	TT3	B1	12A		BOOTSTRAP 1-BYTE
15833		XA342	53		XA351	53			16B	9		TS02C0	04	TS02C0	00	1	THI	D6	26B		STATE S02 F/F UN
15834		XA351	53									TS02C0	05	TC015A	01	1	TT3	E2	28B		
15835		XA348	30								J	TS02SD	01	TS02SD	00	1	TLD	C2	15A		J0B02B4 BUSS
15836		XA150	04		XA341	47			16B	9		TS021A	01	TS021A	00	1	TT3	A1	04A		S02. NO SELECT S0
15837		XA341	47									TS021A	02	TS0230	01	1	TQ2	D4	25B		
15838		XA340	63		XA341	49			16B	9		TS022A	01	TS022A	00	1	TT3	E3	33B		NORMAL REQUEST.N
15839		XA341	49									TS022A	02	TS0230	01	2	TQ2	D4	26B		
15840		XA339	34		XA341	51			16B	9		TS0230	01	TS02B1	01	1	TDD	F1	16A		SEL S02
15841		XA341	51									TS0230	02	TS0230	00	1	TQ2	D4	27B		
15842		XA414	66		XA342	64			16B	9		TS03BP	01	TMHS2A	01	1	TT3	E1	31A		
15843		XA342	64		XA339	47			16B	9		TS03BP	02	TS03C0	01	1	THI	E1	33A		
15844		XA339	47		XA330	36			16B	9		TS03BP	03	TS03BP	00	1	TDD	GP	25B		MASTER RESET S
15845		XA330	36		XA134	60			16B	9		TS03BP	04	TKTS80	01	4	TS8	C1	17A		
15846		XA134	60									TS03BP	05	TD307A	01	2	TT3	E2	28A		

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DRAWING NUMBER 149019-800
 UNIT ASSEMBLY NAME CARD CAGE ASSY, I/O UNIT

STRING

UNIT ASSEMBLY NO. 149019
 FILE IDENT T39B IUX2

REV G
 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	SIZE	MULTI GROUP	CODE	COLOR											
15847		XA112	54		XA325	24			16B	9		TS03BQ	01	TI131A	01	1	TQ2	D1	25A		
15848		XA325	24		XA339	49			16B	9		TS03BQ	02	TS032A	01	2	TD4	B1	13A		
15849		XA339	49		XA349	13			16B	9		TS03BQ	03	TS03BQ	00	1	TDD	GQ	26B	PRESET	
15850		XA349	13									TS03BQ	04	TS131A	01	4	TD4	A1	06B		
15851		XA350	68		XA349	77			16B	9		TS03C0	01	TS3M3A	01	1	TQ2	E1	32A		
15852		XA349	77		XA348	54			16B	9		TS03C0	02	TS3M0A	01	2	TD4	F1	38B		
15853		XA348	54		XA342	66			16B	9		TS03C0	03	TS03SD	01	1	TLD	D1	25A		
15854		XA342	66		XA134	77			16B	9		TS03C0	04	TS03C0	00	1	THI	E1	32A	STATE S03 F/F UN	
15855		XA134	77		XA134	72			16B	9		TS03C0	05	TCMW2A	01	2	TT3	F1	38B		
15856		XA134	72									TS03C0	06	TCMW4A	01	3	TT3	F2	34A		
15857		XA348	52								J	TS03SD	01	TS03SD	00	1	TLD	D1	24A	JDB03B4 BUSS	
15858		XA115	77		XA339	54			16B	9		TS0300	01	TBT13A	01	1	TQ2	F1	38B		
15859		XA339	54		XA341	66			16B	9		TS0300	02	TS03BI	01	1	TDD	GI	25A		
15860		XA341	66									TS0300	03	TS0300	00	1	TQ2	E1	31A	SEL S03	
15861		XA150	08		XA345	59			16B	9		TS031A	01	TS021A	01	2	TT3	A1	06A		
15862		XA345	59		XA341	68			16B	9		TS031A	02	TS031A	00	1	TD4	E1	31B	S02(INF + BURST)	
15863		XA341	68									TS031A	03	TS0300	01	1	TQ2	E1	32A		
15864		XA325	23		XA341	70			16B	9		TS032A	01	TS032A	00	1	TD4	B1	11B	SEL S03,S03 NO XF	
15865		XA341	70									TS032A	02	TS0300	01	2	TQ2	E1	33A		
15866		XA339	45		XA342	61			16B	9		TS04BP	01	TS04BP	00	1	TDD	HP	24B	MASTER RESET S0	
15867		XA342	61		XA250	70			16B	9		TS04BP	02	TS04C0	01	1	THI	E2	31A		
15869		XA250	70		XA250	52			16B	9		TS04BP	04	TS4620	01	8	TS8	E1	33A		
15870		XA250	52		XA246	03			16B	9		TS04BP	05	TS8210	01	6	TS8	D1	24A		
15871		XA246	03		XA122	45			16B	9		TS04BP	06	TCD110	01	1	TQ2	A3	02A		
15872		XA122	45									TS04BP	07	TM6PEA	01	1	TT3	D3	24B		
15873		XA348	50		XA349	73			16B	9		TS04BQ	01	TS045D	01	2	TLD	D2	23A		
15874		XA349	73		XA346	64			16B	9		TS04BQ	02	TS4M5A	01	3	TD4	F2	36B		
15875		XA346	64		XA343	75			16B	9		TS04BQ	03	TS042A	01	2	TQ2	E2	30A		
15876		XA343	75		XA339	43			16B	9		TS04BQ	04	TS4N1A	01	1	TT3	F1	37B		
15877		XA339	43		XA343	14			16B	9		TS04BQ	05	TS04BQ	00	1	TDD	HQ	23B	PRESET S04	
15878		XA343	14		XA149	40			16B	9		TS04BQ	06	TS132A	01	1	TT3	B2	09A		
15879		XA149	40									TS04BQ	07	TM051A	01	1	TQ2	C1	19A		
15880		XA342	63		XA345	79			16B	9		TS04C0	01	TS04C0	00	1	THI	E2	30A	STATE S04 F/F UN	
15881		XA345	79		XA349	52			16B	9		TS04C0	02	TS071A	01	4	TD4	F1	39B		
15882		XA349	52									TS04C0	03	TS191A	01	2	TD4	D1	24A		
15883		XA348	46								J	TS04SD	01	TS045D	00	1	TLD	D2	21A	JDB04B4 BUSS	
15884		XA339	48		XA341	60			16B	9		TS0410	01	TS04BI	01	1	TDD	HI	22A		
15885		XA341	60									TS0410	02	TS0410	00	1	TQ2	E2	28A	S03(M3 + BURST +	

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DRAWING NUMBER 149019-800
UNIT ASSEMBLY NAME CARD CAGE ASSY, I/D UNIT

STRING

UNIT ASSEMBLY NO. 149019
FILE IDENT T39BIUX2

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DATE 09-03-82 PAGE 293

RECORD NUMBER	FROM				TO				WIRE				SIGNAL	SEC NO	EQUATION	TERM	FACTOR	CKT OR CHIP TYPE	LOAD OR POWER PLANS	TEST POINTS AND/OR	SIGNAL DESCRIPTION	COO NO		
	PREFIX	CONNECTOR	PIN	TO	PREFIX	CONNECTOR	PIN	TO	DRG	MULTI GROUP	CODE	COLOR											IDENT	SPEC INST. WIRE
15886		XA346	60		XA341	64					16B	9		TS042A	01	TS042A	00	1	TQ2	E2	28A	S04 NO XFER		
15887		XA341	64											TS042A	02	TS0410	01	2	TQ2	E2	30A			
15888		XA339	59		XA342	62					16B	9		TS05BP	01	TS05BP	00	1	TDD	JP	31B	MASTER RESET S05		
15889		XA342	62		XA346	53					16B	9		TS05BP	02	TS05C0	01	1	THI	E3	29A			
15890		XA346	53		XA145	37					16B	9		TS05BP	03	TDACA0	01	1	TQ2	E3	28B			
15891		XA145	37		XA114	34					16B	9		TS05BP	04	TB135A	01	3	TT3	C3	18B			
15892		XA114	34		XA115	26					16B	9		TS05BP	05	TKWX1A	01	3	TS8	C1	16A			
15893		XA115	26											TS05BP	06	TS5130	01	2	TQ2	B1	14A			
15894		XA149	37		XA348	68					16B	9		TS05BQ	01	TM355A	01	2	TQ2	C4	16B			
15895		XA348	68		XA346	49					16B	9		TS05BQ	02	TS05SD	01	1	TLD	E1	32A			
15896		XA346	49		XA339	61					16B	9		TS05BQ	03	TS5AVA	01	2	TQ2	D4	26B	PRESET S05		
15897		XA339	61		XA327	34					16B	9		TS05BQ	04	TS05BQ	00	1	TDD	JQ	32B			
15898		XA327	34											TS05BQ	05	TS052A	01	3	TT3	C2	16A			
15899		XA309	05		XA309	13					16B	9		TS05C0	01	TAVR0A	01	3	TT3	A2	03B			
15900		XA309	13		XA309	14					16B	9		TS05C0	02	TAVR1A	01	3	TT3	A3	06B			
15901		XA309	14		XA309	26					16B	9		TS05C0	03	TAVR3A	01	1	TT3	B2	09A			
15902		XA309	26		XA342	60					16B	9		TS05C0	04	TAVR2A	01	3	TT3	B1	14A			
15903		XA342	60											TS05C0	05	TS05C0	00	1	THI	E3	28A	STATE S05 F/F UN		
15904		XA348	66										J	TS05SD	01	TS05SD	00	1	TLD	E1	31A	JDB05B4 BUSS		
15905		XA339	68		XA341	57					16B	9		TS0500	01	TS05BI	01	1	TDD	J1	32A			
15906		XA341	57											TS0500	02	TS0500	00	1	TQ2	E3	30B	SEL S05 CONDITIO		
15907		XA230	06		XA341	53					16B	9		TS051A	01	TS051A	00	1	TQ2	A1	05A	OUTPUT,NORMAL		
15908		XA341	53											TS051A	02	TS0500	01	1	TQ2	E3	28B			
15909		XA327	31		XA341	55					16B	9		TS052A	01	TS052A	00	1	TT3	C2	15B	S05 NO XFER CON		
15910		XA341	55											TS052A	02	TS0500	01	2	TQ2	E3	29B			
15911		XA339	57		XA342	55					16B	9		TS06BP	01	TS06BP	00	1	TDD	KP	30B	MASTER RESET S06		
15912		XA342	55		XA345	18					16B	9		TS06BP	02	TS06C0	01	1	THI	E4	29B			
15913		XA345	18		XA346	26					16B	9		TS06BP	03	TS2610	01	2	TQ4	B2	10A			
15914		XA346	26		XA349	38					16B	9		TS06BP	04	TS1460	01	2	TQ2	B1	14A			
15915		XA349	38		XA250	60					16B	9		TS06BP	05	TS4610	01	2	TQ4	C1	18A			
15916		XA250	60											TS06BP	06	TS4620	01	2	TS8	E1	28A			
15917		XA147	60		XA351	70					16B	9		TS06BQ	01	TI121A	01	2	TS8	E1	28A			
15918		XA351	70		XA346	77					16B	9		TS06BQ	02	TS203A	01	3	TT3	E1	33A			
15919		XA346	77		XA339	55					16B	9		TS06BQ	03	TS6BRA	01	1	TQ2	F1	38B			
15920		XA339	55		XA333	34					16B	9		TS06BQ	04	TS06BQ	00	1	TDD	KQ	29B	PRESET S06		
15921		XA333	34		XA330	73					16B	9		TS06BQ	05	TS072A	01	3	TS8	C1	16A			
15922		XA330	73											TS06BQ	06	TI211A	01	3	TS8	F1	36B			
15923		XA348	64		XA345	60					16B	9		TS06C0	01	TS06SD	01	2	TLD	E2	30A			
														****	SIGNAL	(TS06C0			IS ON THE	NEXT PAGE	****			

DRAWING NUMBER		149019-800		STRING		UNIT ASSEMBLY NO.		149019		REV		G		INDEX		TS06C0				
UNIT ASSEMBLY NAME		CARD CAGE		ASSY, I/O UNIT		FILE IDENT		T398IUX2		DATE		09-03-82		PAGE		294				
RECORD NUMBER	FROM	TO		WIRE		SIGNAL		SEC NO	EQUATION	TERM	FACTORS	CKT OR CHIP TYPE	GROUP	LOAD UP POWER PLANE	TEST POINTS	SIGNAL DESCRIPTION		ECO NO		
	PREFIX	CONNECTOR	PIN	PREFIX	CONNECTOR	PIN	MULTI GROUP	CODE	COLOR	IDENT	SFC INST									
15924		XA345	60																	
15925		XA342	56		XA342	56		16B	9											
15926		XA348	60							J	TS06SD	01	TS06SD	00	1	TLD	E2	28A	JDB0684 BUSS	
15927		XA339	62		XA341	63		16B	9			TS0600	01	TS06BI	01	1	TDD	KI	29A	
15928		XA341	63									TS0600	02	TS0600	00	1	TQ2	E4	30B	SEL S06 CONDITIO
15929		XA345	57		XA341	61		16B	9			TS061A	01	TS061A	00	1	TD4	E2	30B	S06 NO XFER COND
15930		XA341	61									TS061A	02	TS0600	01	2	TQ2	E4	32B	
15931		XA330	30		XA330	64		16B	9			TS07BP	01	TKTSB0	01	1	TS8	C1	15A	
15932		XA330	64		XA339	76		16B	9			TS07BP	02	TI112A	01	5	TS8	E1	30A	
15933		XA339	76		XA342	59		16B	9			TS07BP	03	TS07BP	00	1	TDD	LP	37A	MASTER RESET S07
15934		XA342	59		XA344	43		16B	9			TS07BP	04	TS07C0	01	1	THI	E5	31B	
15935		XA344	43		XA145	23		16B	9			TS07BP	05	TS1070	01	1	TS8	D1	23B	
15936		XA145	23									TS07BP	06	TBRR20	01	2	TT3	B3	11B	
15937		XA122	06		XA149	54		16B	9			TS07BQ	01	TKBLEA	01	1	TT3	A1	05A	
15938		XA149	54		XA142	41		16B	9			TS07BQ	02	TM357A	01	1	TQ2	D1	25A	
15939		XA142	41		XA341	11		16B	9			TS07BQ	03	TPS11A	01	1	TQ2	D3	22B	
15940		XA341	11		XA349	36		16B	9			TS07BQ	04	TS003A	01	1	TQ2	A4	05B	
15941		XA349	36		XA343	72		16B	9			TS07BQ	05	TS785A	01	4	TD4	C2	17A	
15942		XA343	72		XA339	78		16B	9			TS07BQ	06	TS787A	01	3	TT3	F2	34A	
15943		XA339	78		XA327	71		16B	9			TS07BQ	07	TS07BQ	00	1	TDD	LQ	38A	PRESET S07
15944		XA327	71									TS07BQ	08	TPS21A	01	2	TT3	F2	36A	
15945		XA348	77		XA342	57		16B	9			TS07C0	01	TS07SD	01	1	TLD	F1	38B	
15946		XA342	57		XA345	30		16B	9			TS07C0	02	TS07C0	00	1	THI	E5	30B	STATE S07 F/F UN
15947		XA345	30									TS07C0	03	TS075A	01	1	TD4	C2	15A	
15948		XA348	75							J	TS07SD	01	TS07SD	00	1	TLD	F1	37B	JDB0784 BUSS	
15949		XA339	77		XA344	35		16B	9			TS0700	01	TS07B1	01	1	TDD	L1	38B	
15950		XA344	35									TS0700	02	TS0700	00	1	TS8	C1	17B	SEL S07 CONDITIO
15951		XA345	76		XA344	30		16B	9			TS071A	01	TS071A	00	1	TD4	F1	37A	ALARM MODE,NO IN
15952		XA344	30		XA330	10		16B	9			TS071A	02	TS0700	01	1	TS8	C1	15A	
15953		XA330	10									TS071A	03	TI1CA0	01	7	TS8	A1	07A	
15954		XA140	76		XA342	65		16B	9			TS072A	01	TWTG10	01	1	TQ2	F4	37A	
15955		XA342	65		XA344	40		16B	9			TS072A	02	TS0720	01	1	THI	E6	33B	
15956		XA344	40		XA333	35		16B	9			TS072A	03	TS0700	01	7	TS8	C1	19A	
15957		XA333	35									TS072A	04	TS072A	00	1	TS8	C1	17B	OUTPUT, NO ERROR
15958		XA323	04		XA323	08		16B	9			TS0720	01	TMLUAA	01	2	TD4	A2	04A	
15959		XA323	08		XA323	20		16B	9			TS0720	02	TMLLAA	01	2	TD4	A1	06A	
15960		XA323	20		XA323	24		16B	9			TS0720	03	TMUAAA	01	4	TD4	B2	11A	
15961		XA323	24		XA326	78		16B	9			TS0720	04	TMULAA	01	2	TD4	B1	13A	
15962		XA326	78		XA342	68		16B	9			TS0720	05	TWTMOA	01	2	TQ2	F4	38A	
								****	SIGNAL	(TS0720)		S ON THE	NEXT PAGE	****						

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DRAWING NUMBER		149019-800		STRING										UNIT ASSEMBLY NO.		149019		REV. G		INDEX		TS0720			
UNIT ASSEMBLY NAME				CARD CAGE ASSY, I/O UNIT										FILE IDENT		T3981UX2		DATE		09-03-82		PAGE		295	
RECORD NUMBER	FROM				TO				WIRE				SIGNAL	SQ. NO.	EQUATION	TERM. FACTOR	CKT OR CHIP TYPE	GROUP	LOAD OR POWER PLANE	TEST POINTS AND/OR OP	SIGNAL DESCRIPTION	ECO NO.			
	PREFIX	CONNECTOR	PIN	SH. TC	PREFIX	CONNECTOR	PIN	SH. TC	MULTI GROUP	CODE	COLOR	IDEN.											SPEC. INST. MISC.		
15963		XA342	68											TS0720	06	TS0720	00	1	THI	E6		32B	OUTPUT NO ERROR		
15964		XA345	69		XA344	34			16B	9				TS073A	01	TS073A	00	1	TD4	F2		35A	BL=1 NO PE BYT		
15965		XA344	34		XA250	74			16B	9				TS073A	02	TS0700	01	3	TS8	C1		16A		CO5	
05456		XA250	74											TS073A	03	TERS40	01	4	TS8	FI		35B		CO5	
15967		XA333	59		XA344	77			16B	9				TS074A	01	TS074A	00	1	TS8	E1		31B	BL=1 NO PE WORD		
15968		XA344	77		XA344	31			16B	9				TS074A	02	TS134A	01	6	TS8	F1		38B			
15969		XA344	31											TS074A	03	TS0700	01	2	TS8	C1		15B			
15970		XA345	33		XA344	37			16B	9				TS075A	01	TS075A	00	1	TD4	C2		16B	S07 MO XFER COND		
15971		XA344	37											TS075A	02	TS0700	01	5	TS8	C1		18B			
15972		XA339	69		XA351	75			16B	9				TS088P	01	TS088P	00	1	TDD	MP		35A	MASTER RESET SO		
15973		XA351	75		XA250	43			16B	9				TS088P	02	TS8160	01	1	TT3	F1		37B			
15975		XA250	43		XA116	19			16B	9				TS088P	03	TS8210	01	1	TS8	O1		23B			
04892		XA116	19											TS088P	04	TMPE2A	01	2	TQ2	B3		09B			
15976		XA246	53		XA346	10			16B	9				TS088Q	01	TC012A	01	1	TQ2	E3		28B			
15977		XA346	10		XA351	61			16B	9				TS088Q	02	TS091A	01	2	TQ2	A1		07A			
15978		XA351	61		XA348	73			16B	9				TS088Q	03	TMHS4A	01	3	TT3	E3		32B			
15979		XA348	73		XA339	74			16B	9				TS088Q	04	TS085D	01	2	TLD	F2		36B			
15980		XA339	74		XA326	11			16B	9				TS088Q	05	TS088Q	00	1	TDD	MQ		35B	PRESET S08		
15981		XA326	11											TS088Q	06	TCST5A	01	1	TQ2	A4		05B			
15982		XA348	72									J		TS085D	01	TS085D	00	1	TLD	F2		34A	JDB0884 BUSS		
15983		XA339	71		XA342	80			16B	9				TS0800	01	TS088I	01	1	TDD	MI		36A			
15984		XA342	80											TS0800	02	TS0800	00	1	THI	F1		38B	SEL S08		
15985		XA347	11		XA351	45			16B	9				TS098P	01	TS098P	00	1	TDD	AP		05B	MASTER RESET S09		
15986		XA351	45											TS098P	02	TQSA0	01	1	TT3	D3		24B			
15987		XA108	06		XA248	52			16B	9				TS098Q	01	TDL15A	01	1	TT3	A1		05A			
15988		XA248	52		XA350	19			16B	9				TS098Q	02	TS901A	01	2	TD4	O1		24A			
15989		XA350	19		XA348	26			16B	9				TS098Q	03	TS9M3A	01	2	TQ2	B3		09B			
15990		XA348	26		XA347	13			16B	9				TS098Q	04	TS095D	01	2	TLD	B1		14A			
15991		XA347	13		XA345	05			16B	9				TS098Q	05	TS098Q	00	1	TDD	AQ		06B	PRESET S09		
15992		XA345	05		XA345	25			16B	9				TS098Q	06	TS093A	01	3	TD4	A2		03B			
15993		XA345	25		XA343	76			16B	9				TS098Q	07	TS112A	01	3	TD4	B1		12B			
15994		XA343	76		XA340	75			16B	9				TS098Q	08	TS77AA	01	2	TT3	F3		37A			
15995		XA340	75											TS098Q	09	TS09NA	01	1	TT3	F1		37B			
15996		XA344	26		XA340	73			16B	9				TS09NA	01	TS0020	01	8	TS8	B1		14A			
15997		XA340	73											TS09NA	02	TS09NA	00	1	TT3	F1		36B	S9.NOT CH.END. N		
15998		XA348	22									J		TS095D	01	TS095D	00	1	TLD	B1		12A	JDB0984 BUSS		
15999		XA343	04		XA347	08			16B	9				TS0900	01	TS0900	00	1	TT3	A1		04A	SEL S09 CONDITIO		
16000		XA347	08											TS0900	02	TS098I	01	1	TDD	A1		06A			

DRAWING NUMBER		149019-800		STRING		UNIT ASSEMBLY NO.		149019		REV		G		INDEX		TS0900								
UNIT ASSEMBLY NAME		CARD CAGE ASSY, I/O UNIT		FILE IDENT		T398IUX2		DATE		09-33-82		PAGE		296										
RECORD NUMBER	FROM				TO				WIRE				SIGNAL	EQ NO	EQUATION	TERM	FAC	CMT OR CHIP TYPE	LOAD OR POWER PLANE	TEST POINTS AND JTS	SIGNAL DESCRIPTION	EQ NO		
	PREFIX	CONNECTOR	PIN	PLUG	PREFIX	CONNECTOR	PIN	PLUG	MULTI GROUP	CODE	COLOR	IDENT											STAMP	
16001		XA346	06		XA343	08			16B	9				TS091A	01	TS091A	00	1	TQ2	A1		05A	S08 AND NO PE	
16002		XA343	08											TS091A	02	TS0900	01	2	TT3	A1		06A		
16003		XA343	10		XA349	21			16B	9				TS092A	01	TS0900	01	3	TT3	A1		07A		
16004		XA349	21		XA247	70			16B	9				TS092A	02	TS092A	00	1	T04	B2		10B	S03+S04.C#0.10	
16005		XA247	70		XA113	42			16B	9				TS092A	03	TS162A	01	8	TS8	E1		33A		B03
04911		XA113	42											TS092A	04	TIPEBN	01	1	T00	EN		20A		B03
16006		XA345	09		XA343	06			16B	9				TS093A	01	TS093A	00	1	T04	A2		04B	S09 NO XFER	
16007		XA343	06											TS093A	02	TS0900	01	1	TT3	A1		05A		
16008		XA114	22		XA114	64			16B	9				TS1ABA	01	TI3100	01	5	TS8	B1		12A		
16009		XA114	64		XA137	79			16B	9				TS1ABA	02	TCMD40	01	5	TS8	E1		30A		
16010		XA137	79		XA442	04			16B	9				TS1ABA	03	TENB40	01	3	TT3	F1		39B		
16011		XA442	04		XA442	06			16B	9				TS1ABA	04	TA018P	01	1	T00	BP		04A		
16012		XA442	06		XA442	22			16B	9				TS1ABA	05	TA008P	01	1	T00	AP		05A		
16013		XA442	22		XA414	63			16B	9				TS1ABA	06	TA028P	01	1	T00	CP		12A		
16014		XA414	63		XA439	64			16B	9				TS1ABA	07	TS1ABA	00	1	TT3	E3		33B	MASTER RESET TO	B05
15658		XA439	64											TS1ABA	08	TSS100	01	1	THI	E1		33A		B05
16015		XA341	75		XA415	11			16B	9				TS1T30	01	TS1T30	00	1	TQ2	F1		37B	STATE S01 OR S03	
16016		XA415	11		XA206	69			16B	9				TS1T30	02	TRCR2A	01	1	TQ2	A4		05B		
16017		XA206	69											TS1T30	03	TRCRIA	01	1	TT3	F3		35A		
16018		XA250	56		XA250	55			16B	9				TS10BP	01	TS8210	01	8	TS8	D1		26A		
16019		XA250	55		XA347	09			16B	9				TS10BP	02	TS4620	01	1	TS8	E1		29B		
16021		XA347	09		XA334	78			16B	9				TS10BP	04	TS10BP	00	1	T00	BP		04B	MASTER RESET S10	
16022		XA334	78											TS10BP	05	TMHST0	01	7	TS8	F1		38A		
16023		XA340	76		XA348	20			16B	9				TS10BQ	01	TS111A	01	2	TT3	F3		37A		
16024		XA348	20		XA347	07			16B	9				TS10BQ	02	TS10SD	01	2	TLD	B2		11A		
16025		XA347	07		XA134	18			16B	9				TS10BQ	03	TS10BQ	00	1	T00	BQ		03A	PRESET S10	
16026		XA134	18											TS10BQ	04	TQBPAA	01	3	TT3	B2		10A		
16027		XA348	14										J	TS10SD	01	TS10SD	00	1	TLD	B2		09A	JDB10B4 BUSS	
16028		XA347	05		XA343	07			16B	9				TS1000	01	TS10B1	01	1	T00	BI		03B		
16029		XA343	07											TS1000	02	TS1000	00	1	TT3	A2		03A	SEL S10	
16030		XA247	64		XA343	03			16B	9				TS101A	01	TS162A	01	5	TS8	E1		30A		
16031		XA343	03		XA340	74			16B	9				TS101A	02	TS1000	01	2	TT3	A2		02A		
16032		XA340	74											TS101A	03	TS101A	00	1	TT3	F2		35B	S16 . NO PE	
16033		XA325	47		XA345	50			16B	9				TS102A	01	TS102A	00	1	T04	D1		25B	S18. NO PE	
16034		XA345	50		XA343	01			16B	9				TS102A	02	TS182A	01	4	T04	D2		23A		
16035		XA343	01											TS102A	03	TS1000	01	1	TT3	A2		02B		
16036		XA115	53		XA144	14			16B	9				TS1070	01	TSB17A	01	1	TQ2	E3		28B		
									****	SIGNAL				TS1070		IS ON THE						****		

DRAWING NUMBER 149019-800
 UNIT ASSEMBLY NAME CARD CAGE ASSY,I/O UNIT

STRING

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RECORD NUMBER	FROM				TO				WIRE				SIGNAL	SEQ NO	EQUATION	TERM	FACTOR	CKT OR CHIP TYPE	GROUP	LOAD OR POWER PLANE	TEST POINTS AND/OR	SIGNAL DESCRIPTION	ECO NO	
	PREFIX	CONNECTOR	PIN	WIRE	PREFIX	CONNECTOR	PIN	WIRE	MULTI GROUP	CODE	COLOR	IDENT												SPEC INST MISC
16037		XA144	14		XA344	47		16B	9				TS1070	02	TBRRSA	01	1	TD4	B2		09A			
16038		XA344	47										TS1070	03	TS1070	00	1	TS8	D1		25B	S1+S7+S15+S20+S1		
16040		XA114	71		XA343	42		16B	9				TS118P	02	T00150	01	1	TS8	F1		36A			
16041		XA343	42		XA347	23		16B	9				TS118P	03	TS1520	01	3	TT3	C1		20A			
16042		XA347	23										TS118P	04	TS118P	00	1	T0D	CP		11B	MASTER RESET S11		
16043		XA346	03		XA346	04		16B	9				TS118Q	01	TS115A	01	1	TQ2	A3		02A			
16044		XA346	04		XA348	07		16B	9				TS118Q	02	TS11MA	01	1	TQ2	A2		04A			
16045		XA348	07		XA347	25		16B	9				TS118Q	03	TS11SD	01	2	TLO	A3		03A			
16046		XA347	25		XA350	31		16B	9				TS118Q	04	TS118Q	00	1	T0D	C0		12B	PRESET S11		
16047		XA350	31		XA325	43		16B	9				TS118Q	05	TPSCAA	01	2	TQ2	C3		15B			
16048		XA325	43		XA325	61		16B	9				TS118Q	06	TDP02A	01	1	TD4	D2		23B			
16049		XA325	61		XA325	60		16B	9				TS118Q	07	TDP03A	01	1	TD4	E1		32B			
16050		XA325	60		XA325	75		16B	9				TS118Q	08	TDP10A	01	2	TD4	E2		28A			
16051		XA325	75										TS118Q	09	TDP11A	01	1	TD4	F1		37B			
16052		XA342	73		XA346	01		16B	9				TS11MA	01	TS1200	01	1	THI	F2		37B			
16053		XA346	01										TS11MA	02	TS11MA	00	1	TQ2	A2		02B	S11 AND M3		
16054		XA348	09								J		TS11SD	01	TS11SD	00	1	TLD	A3		04B	JDB11B4 BUSS		
16055		XA344	59		XA347	24		16B	9				TS1100	01	TS1100	00	1	TS8	E1		31B	SEL S11 CONDITION		
16056		XA347	24										TS1100	02	TS11B1	01	1	T0D	CI		13A			
16057		XA340	80		XA344	70		16B	9				TS111A	01	TS111A	00	1	TT3	F3		39A	S10 . PE* . M3		
16058		XA344	70										TS111A	02	TS1100	01	8	TS8	E1		33A			
16059		XA345	23		XA344	66		16B	9				TS112A	01	TS112A	00	1	TD4	B1		11B	CH. END NO Q ACC		
16060		XA344	66										TS112A	02	TS1100	01	6	TS8	E1		31A			
16061		XA248	45		XA247	61		16B	9				TS113A	01	TS113A	00	1	TD4	D2		24B	P BIT.NO Q ACCES		
16062		XA247	61		XA344	68		16B	9				TS113A	02	TS162A	01	3	TS8	E1		32B			
16063		XA344	68										TS113A	03	TS1100	01	7	TS8	E1		32A			
16064		XA343	15		XA345	43		16B	9				TS114A	01	TS114A	00	1	TT3	A3		07B	NO Q .NO PE S18		
16065		XA345	43		XA344	64		16B	9				TS114A	02	TS182A	01	1	TD4	D2		23B			
16066		XA344	64										TS114A	03	TS1100	01	5	TS8	E1		30A			
16067		XA344	62		XA346	09		16B	9				TS115A	01	TS1100	01	4	TS8	E1		29A			
16068		XA346	09										TS115A	02	TS115A	00	1	TQ2	A3		04B	S11.NOT M3		
16069		XA250	49		XA250	68		16B	9				TS128P	01	TS8210	01	4	TS8	D1		26B			
16070		XA250	68		XA347	21		16B	9				TS128P	02	TS4620	01	7	TS8	E1		32A			
16072		XA347	21										TS128P	04	TS128P	00	1	T0D	DP		10B	MASTER RESET S12		
16073		XA323	75		XA427	04		16B	9				TS128Q	01	TPEC1A	01	1	TD4	F1		37B			
16074		XA427	04		XA341	73		16B	9				TS128Q	02	JLITAD4	01	1	TLD	A2		04A			
16075		XA341	73		XA347	19		16B	9				TS128Q	03	TS12PA	01	2	TQ2	F2		36B			
16077		XA347	19		XA348	13		16B	9				TS128Q	05	TS128Q	00	1	T0D	DQ		09B	PRESET S12		
													****	SIGNAL	(TS128Q	IS ON THE NEXT PAGE				****				

DRAWING NUMBER		STRING										UNIT ASSEMBLY NO.		REV		INDEX					
149019-800												149019		G		TS12BQ					
UNIT ASSEMBLY NAME												FILE IDENT		DATE		PAGE					
CARD CAGE ASSY, I/O UNIT												T39BIUX2		09-03-82		298					
RECORD NUMBER	FROM			TO			WIRE			SIGNAL	SEC NO	EQUATION	TRF	FACTOR	CKT OR CHIP TYPE	GROUP	LOAD CP POWER PLANE	TEST POINTS (AND/OR)	SIGNAL DESCRIPTION	ECO NO	
	PREFIX	CONNECTOR	PIN	PREFIX	CONNECTOR	PIN	WIRE NO	MULT GROUP	COLOR												IDENT
16078		XA348	13		XA136	10			16B	9	TS12BQ	06	TS12SD	01	2	TLD	A4	06B			
16079		XA136	10								TS12BQ	07	TPNC1A	01	3	TD4	A1	07A			
16080		XA344	19		XA341	72			16B	9	TS12PA	01	TS0020	01	3	TS8	B1	09B			
16081		XA341	72								TS12PA	02	TS12PA	00	1	TQ2	F2	34A	S12 AND NO PE		
16082		XA348	15								J	TS12SD	01	TS12SD	00	1	TLD	A4	07B	JDB12B4 BUSS	
16083		XA342	71		XA347	18			16B	9	TS1200	01	TS1200	00	1	THI	F2	36B	SEL S12 CONDITIO		
16084		XA347	18								TS1200	02	TS12BI	01	1	TDD	D1	10A			
16085		XA342	65		XA346	55			16B	9	TS13BP	01	TS13C0	01	1	THI	F3	35B			
16086		XA346	55		XA347	35			16B	9	TS13BP	02	TDACA0	01	2	TQ2	E3	29B		E05	
16088		XA347	35		XA345	14			16B	9	TS13BP	04	TS13BP	00	1	TDD	EP	17B	MASTER RESET S13		
16089		XA345	14		XA145	35			16B	9	TS13BP	05	TS2610	01	1	TD4	B2	09A			
16090		XA145	35		XA115	24			16B	9	TS13BP	06	TB135A	01	2	TT3	C3	17B			
16091		XA115	24		XA114	30			16B	9	TS13BP	07	TS5130	01	1	TQ2	B1	13A			
16092		XA114	30		XA114	77			16B	9	TS13BP	08	TKWX1A	01	1	TS8	C1	15A			
16093		XA114	77		XA206	72			16B	9	TS13BP	09	TD0150	01	6	TS8	F1	38B		F01	
05266		XA206	72						16B	9	TS13BP	10	TINIRA	01	3	TT3	F2	34A		F01	
16094		XA323	71		XA327	79			16B	9	TS13BQ	01	TWD1AA	01	1	TD4	F2	36A			
16095		XA327	79		XA236	78			16B	9	TS13BQ	02	TS14MA	01	3	TT3	F1	39B			
16096		XA236	78		XA343	22			16B	9	TS13BQ	03	TI120A	01	3	TD4	F1	38A			
16097		XA343	22		XA347	37			16B	9	TS13BQ	04	TS13TA	01	1	TT3	B1	12A			
16098		XA347	37		XA350	48			16B	9	TS13BQ	05	TS13BQ	00	1	TDD	EQ	18B	PRESET S13	E05	
15329		XA350	48		XA150	45			16B	9	TS13BQ	05	TS463A	01	1	TQ2	D2	22A		E05	
16099		XA150	45								TS13BQ	06	TBD15A	01	1	TT3	D3	24B			
16100		XA309	25		XA309	35			16B	9	TS13C0	01	TAVW0A	01	3	TT3	B3	12B			
16101		XA309	35		XA309	34			16B	9	TS13C0	02	TAVW3A	01	2	TT3	C3	17B			
16102		XA309	34		XA309	42			16B	9	TS13C0	03	TAVW2A	01	3	TT3	C2	16A			
16103		XA309	42		XA332	47			16B	9	TS13C0	04	TAVW1A	01	3	TT3	C1	20A			
16104		XA332	47		XA333	48			16B	9	TS13C0	05	TS13WA	01	1	TQ2	D4	25B			
16105		XA333	48		XA333	68			16B	9	TS13C0	06	TS15EA	01	3	TS8	D1	22A			
16106		XA333	68		XA333	74			16B	9	TS13C0	07	TS074A	01	7	TS8	E1	32A			
16107		XA333	74		XA342	70			16B	9	TS13C0	08	TS004A	01	4	TS8	F1	35B			
16108		XA342	70		XA344	75			16B	9	TS13C0	09	TS13C0	00	1	THI	F3	34B	STATE S13 F/F UN		
16109		XA344	75		XA348	19			16B	9	TS13C0	10	TS134A	01	5	TS8	F1	37B			
16110		XA348	19								TS13C0	11	TS13SD	01	2	TLD	B3	09B			
16111		XA250	04		XA343	20			16B	9	TS13IA	01	TM0110	01	2	TS8	A1	04A			
16112		XA343	20		XA330	06			16B	9	TS13IA	02	TS13IA	00	1	TT3	B1	11A	S13 AND INPUT RE		
16113		XA330	06								TS13IA	03	TIITCA0	01	4	TS8	A1	05A			
16114		XA348	21								J	TS13SD	01	TS13SD	00	1	TLD	B3	10B	JDB13B4 BUSS	
16115		XA332	51		XA350	34			16B	9	TS13WA	01	TS13WA	00	1	TQ2	D4	27B	S13.WORD MODE		
16116		XA350	34		XA150	69			16B	9	TS13WA	02	TD0050	01	1	TQ2	C2	16A			
16117		XA150	69		XA149	36			16B	9	TS13WA	03	TMT110	01	1	TT3	F3	35A			
											****	SIGNAL	TS13WA			IS ON THE	NEXT PAGE	****			

DRAWING NUMBER		149019-800		STRING		UNIT ASSEMBLY NO.		149019		REV		G		INDEX		TS13WA						
UNIT ASSEMBLY NAME		CARD CAGE ASSY, I/O UNIT		FILE IDENT		T39R1UX2		DATE		09-03-82		PAGE		299								
RECORD NUMBER	FROM			TO			WIRE				SIGNAL	SFG NO	EQUATION	TERM	FACTOR	CRK OR CHIP TYPE	SUPP	LOAD OR POWER PLANS	TEST POINTS AND/OR	SIGNAL DESCRIPTION	ECO NO	
	PREFIX	CONNECTOR	PIN	PREFIX	CONNECTOR	PIN	WIRE NO	MULTI GROUP	CODE	COLOR												IDENT
16118		XA149	36										TS13WA	04	TM2M60	01	2	T02	C2		17A	
16119		XA345	47		XA347	40		16B	9				TS1300	01	TS1300	00	1	T04	D1		25B	SEL S13 CONDITIO
16120		XA347	40										TS1300	02	TS13BI	01	1	T00	E1		19A	
16121		XA349	11		XA345	52		16B	9				TS131A	01	TS131A	00	1	T04	A1		05B	S03.BOOTSTRAP 1
16122		XA345	52		XA325	26		16B	9				TS131A	02	TS1300	01	2	T04	D1		24A	
16123		XA325	26										TS131A	03	TS032A	01	4	T04	B1		14A	
16124		XA343	19		XA345	54		16B	9				TS132A	01	TS132A	00	1	TT3	B2		09B	BOOTSTRAP AFTER
16125		XA345	54										TS132A	02	TS1300	01	3	T04	D1		25A	
16126		XA345	56		XA340	31		16B	9				TS133A	01	TS1300	01	4	T04	D1		26A	
16127		XA340	31										TS133A	02	TS133A	00	1	TT3	C2		15B	TE0731 RESET GAT
16128		XA344	76		XA345	49		16B	9				TS134A	01	TS134A	00	1	TS8	F1		37A	S13 NC XFER COND
16129		XA345	49										TS134A	02	TS1300	01	1	T04	D1		26B	
05485		XA305	56		XA342	74		16B	9				TS14BP	00	TPEB1A	01	4	T04	D1		26A	
16130		XA342	74		XA347	33		16B	9				TS14BP	01	TS14CO	01	1	TH1	F4		35A	053
16131		XA347	33		XA346	24		16B	9				TS14BP	02	TS14BP	00	1	T00	FP		16B	MASTER RESET S14
16132		XA346	24		XA250	66		16B	9				TS14BP	03	TS1460	01	1	TQ2	B1		13A	
16133		XA250	66		XA250	50		16B	9				TS14BP	04	TS4620	01	6	TS8	E1		31A	
16134		XA250	50										TS14BP	05	TS8210	01	5	TS8	D1		23A	
16135		XA140	40		XA345	10		16B	9				TS14BQ	01	TBYCAA	01	1	TQ2	C1		19A	
16136		XA345	10		XA348	25		16B	9				TS14BQ	02	TS005A	01	3	T04	A1		07A	
16137		XA348	25		XA347	31		16B	9				TS14BQ	03	TS14SD	01	2	TLD	B4		12B	
16138		XA347	31		XA345	72		16B	9				TS14BQ	04	TS14BQ	00	1	T00	F0		15B	PRESFT S14
16139		XA345	72		XA351	71		16B	9				TS14BQ	05	TS073A	01	2	T04	F2		34A	
16140		XA351	71										TS14BQ	06	TS14EA	01	2	TT3	F2		36A	
16141		XA342	72		XA150	79		16B	9				TS14CO	01	TS14CO	00	1	TH1	F4		34A	S14 UNLOAD
16142		XA150	79		XA137	70		16B	9				TS14CO	02	TBDIGA	01	3	TT3	F1		39B	
16143		XA137	70		XA137	62		16B	9				TS14CO	03	TB2X2A	01	3	TT3	E1		33A	
16144		XA137	62		XA137	49		16B	9				TS14CO	04	TB3X2A	01	3	TT3	E2		29A	
16145		XA137	49		XA122	48		16B	9				TS14CO	05	TB1X2A	01	3	TT3	D3		26B	
16146		XA122	48										TS14CO	06	TB4X2A	01	3	TT3	D2		22A	
16147		XA351	74		XA343	23		16B	9				TS14EA	01	TS14EA	00	1	TT3	F2		35B	S14.INPUT PE.NO
16148		XA343	23										TS14EA	02	TS1500	01	2	TT3	B3		11B	
16149		XA346	13		XA344	73		16B	9				TS14MA	01	TS1400	01	2	TQ2	A4		06B	
16150		XA344	73		XA327	73		16B	9				TS14MA	02	TS134A	01	3	TS8	F1		36B	
16151		XA327	73										TS14MA	03	TS14MA	00	1	TT3	F1		36B	S13.BYTE MODE.M3
16152		XA348	27								J		TS14SD	01	TS14SD	00	1	TLD	B4		13B	JDB14B4 BUSS
16153		XA347	34		XA346	15		16B	9				TS1400	01	TS14BI	01	1	T00	F1		16A	
16154		XA346	15										TS1400	02	TS1400	00	1	TQ2	A4		07B	SEL S14, S13.BYT

DRAWING NUMBER		149019-800		STRING		UNIT ASSEMBLY NO.		149019		REV		G		INDEX		TS1400				
UNIT ASSEMBLY NAME		CARD CAGE ASSY, I/O UNIT		FILE IDENT		T398IUX2		DATE		09-03-82		PAGE		300						
RECORD NUMBER	FROM			TO			WIRE			SIGNAL	SEQ NO	EQUATION	FREQ	FUNCTION	CCT OR CHIP TYPE	LOAD OR POWER PLANE	TEST POINTS (AND) DP	SIGNAL DESCRIPTION	ECC NO	
	PREFIX	CONNECTOR	PIN	PREFIX	CONNECTOR	PIN	MULTI GROUP	CODE	COLOR											IDENT
16155		XA207	71		XA346	22			16B	9		TS1460	01	TPED1A	01	1	TQ2	F2	36A	
16156		XA346	22									TS1460	02	TS1460	00	1	TQ2	B1	12A	NOT USED
16157		XA330	68		XA330	38			16B	9		TS158P	01	TI112A	01	7	TS8	E1	32A	
16158		XA330	38		XA343	40			16B	9		TS158P	02	TKTS80	01	6	TS8	C1	18A	
16159		XA343	40		XA344	52			16B	9		TS158P	03	TS1520	01	2	TT3	C1	19A	
16160		XA344	52		XA347	47			16B	9		TS158P	04	TS1070	01	6	TS8	D1	24A	
16161		XA347	47									TS158P	05	TS158P	00	1	TDD	GP	25B	MASTER RESET S15
16162		XA206	48		XA346	18			16B	9		TS158Q	01	TSTB2A	01	3	TT3	D2	22A	
16163		XA346	18		XA348	29			16B	9		TS158Q	02	TS151A	01	1	TQ2	B2	10A	
16164		XA348	29		XA347	49			16B	9		TS158Q	03	TS1550	01	1	TLD	C3	14B	
16165		XA347	49		XA341	43			16B	9		TS158Q	04	TS15BQ	00	1	TDD	GQ	26B	PRESET S15
16166		XA341	43		XA341	65			16B	9		TS158Q	05	TS010A	01	2	TQ2	D3	23B	
16167		XA341	65									TS158Q	06	TS163A	01	1	TQ2	F3	34B	
16168		XA333	47		XA343	25			16B	9		TS15EA	01	TS15EA	00	1	TS8	D1	25B	IF I/O PE GO TO
16169		XA343	25		XA344	74			16B	9		TS15EA	02	TS1500	01	3	TT3	B3	12B	
16170		XA344	74									TS15EA	03	TS134A	01	4	TS8	F1	35B	
16171		XA348	33								J	TS15SD	01	TS15SD	00	1	TLD	C3	16B	JDB15B4 BUSS
16172		XA347	54		XA343	27			16B	9		TS1500	01	TS15B1	01	1	TDD	G1	25A	
16173		XA343	27									TS1500	02	TS1500	00	1	TT3	R3	13B	SEL S15
16174		XA343	21		XA346	14			16B	9		TS151A	01	TS1500	01	1	TT3	B3	10B	
16175		XA346	14									TS151A	02	TS151A	00	1	TQ2	B2	09A	S15.NOT M3+MEM TI
16176		XA346	17		XA343	36			16B	9		TS1520	01	TS153A	01	1	TQ2	B3	08B	
16177		XA343	36									TS1520	02	TS1520	00	1	TT3	C1	17A	S11 + S15 + S20
16178		XA250	07		XA346	21			16B	9		TS153A	01	TM0110	01	5	TS8	A1	03A	
16179		XA346	21									TS153A	02	TS153A	00	1	TQ2	B3	10B	S11+S15+S20 AND
16180		XA342	76		XA351	79			16B	9		TS16BP	01	TS16C0	01	1	TH1	F5	37A	
16181		XA351	79		XA351	47			16B	9		TS16BP	02	TS8160	01	3	TT3	F1	39B	
16182		XA351	47		XA347	45			16B	9		TS16BP	03	TQRSAD	01	2	TT3	D3	25B	
16183		XA347	45		XA250	46			16B	9		TS16BP	04	TS16BP	00	1	TDD	HP	24B	MASTER RESET S16
16185		XA250	46									TS16BP	06	TS8210	01	2	TS8	D1	21A	
16186		XA246	61		XA349	20			16B	9		TS16BQ	01	TC013A	01	2	TQ2	E4	32B	
16187		XA349	20		XA347	43			16B	9		TS16BQ	02	TS092A	01	4	TD4	B2	11A	
16188		XA347	43		XA325	42			16B	9		TS16BQ	03	TS16BQ	00	1	TDD	H0	23B	PRESET S16
16189		XA325	42		XA325	14			16B	9		TS16BQ	04	TS006A	01	4	TD4	C1	20A	
16190		XA325	14		XA319	60			16B	9		TS16BQ	05	TE0B2A	01	1	T04	B2	09A	
16191		XA319	60		XA208	41			16B	9		TS16BQ	06	TCST6A	01	2	TT3	E2	28A	
16192		XA208	41		XA108	21			16B	9		TS16BQ	07	TES11A	01	1	TQ2	D3	22B	
16193		XA108	21		XA116	48			16B	9		TS16BQ	08	TES32A	01	1	TT3	B3	10B	
											****	SIGNAL	(TS16BQ)	IS ON THE NEXT PAGE				****		

DRAWING NUMBER		149019-800										STRING		UNIT ASSEMBLY NO.		149019		REV G		INDEX		TS16BQ	
UNIT ASSEMBLY NAME		CARD CAGE ASSY, I/O UNIT										FILE IDENT		T39BIUX2		DATE		09-03-82		PAGE		301	
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	
16194		XA116	48									TS16BQ	09	TC023A	01	1	TQ2	D2			22A		
16195		XA248	46		XA247	55						TS16C0	01	TS113A	01	2	TD4	D2			21A		
16196		XA247	55		XA348	37						TS16C0	02	TS162A	01	1	TS8	E1			29B		
16197		XA348	37		XA342	78						TS16C0	03	TS16SD	01	2	TLD	C4			18B		
16198		XA342	78		XA340	65						TS16C0	04	TS16C0	00	1	THI	F5			36A	STATE S16 F/F UN	
16199		XA340	65		XA327	23						TS16C0	05	TS101A	01	1	TT3	F2			34B		
16200		XA327	23									TS16C0	06	TS161A	01	2	TT3	B3			11B		
16201		XA348	39								J	TS16SD	01	TS16SD	00	1	TLD	C4			19B	JDB1684 BUSS	
16202		XA346	27		XA347	48						TS1600	01	TS1600	00	1	TQ2	B4			13B	SEL S16 CONDITIO	
16203		XA347	48									TS1600	02	TS16B1	01	1	TDD	H1			22A		
16204		XA327	27		XA250	10						TS161A	01	TS161A	00	1	TT3	B3			13B	S16 AND P BIT AND	
16205		XA250	10									TS161A	02	TM0110	01	7	TS8	A1			07A		
16206		XA346	23		XA247	59						TS162A	01	TS1600	01	1	TQ2	B4			11B		
16207		XA247	59									TS162A	02	TS162A	00	1	TS8	E1			31B	S16 AND NO XFER	
16208		XA341	69		XA346	25						TS163A	01	TS163A	00	1	TQ2	F3			35A	S15 AND M3	
16209		XA346	25		XA250	75						TS163A	02	TS1600	01	2	TQ2	B4			12B		
05514		XA250	75									TS163A	03	TERSA0	01	5	TS8	F1			37B		
16210		XA150	65		XA347	59						TS17BP	01	TM0120	01	1	TT3	F2			34B		
16211		XA347	59		XA346	48						TS17BP	02	TS17BP	00	1	TDD	JP			31B	MASTER RESET S17	
16212		XA346	48		XA344	50						TS17BP	03	TS2160	01	1	TQ2	D2			22A		
16213		XA344	50		XA343	37						TS17BP	04	TS1070	01	5	TS8	D1			23A		
16214		XA343	37		XA330	34						TS17BP	05	TS1760	01	3	TT3	C3			18B		
16215		XA330	34									TS17BP	06	TKTSB0	01	3	TS8	C1			16A		
16217		XA348	43		XA347	61						TS17BQ	01	TS17SD	01	2	TLD	D3			23B		
16218		XA347	61		XA340	60						TS17BQ	02	TS17BQ	00	1	TDD	JQ			32B	PRESET S17	
16219		XA340	60		XA341	78						TS17BQ	03	TS181A	01	2	TT3	E2			28A		
16220		XA341	78									TS17BQ	04	TS17MA	01	2	TQ2	F4			38A		
16221		XA346	40		XA341	80						TS17MA	01	TS1700	01	1	TQ2	C1			19A		
16222		XA341	80									TS17MA	02	TS17MA	00	1	TQ2	F4			39A	S17 AND M3+ MEM T	
16223		XA348	45								J	TS17SD	01	TS17SD	00	1	TLD	D3			24B	JDB1784 BUSS	
16224		XA347	68		XA346	38						TS1700	01	TS17B1	01	1	TDD	J1			32A		
16225		XA346	38									TS1700	02	TS1700	00	1	TQ2	C1			18A	SEL S17	
16226		XA344	72		XA343	64						TS171A	01	TS134A	01	2	TS8	F1			34A		
16227		XA343	64		XA346	42						TS171A	02	TS171A	00	1	TT3	E1			30A	SEL S20	
16228		XA346	42									TS171A	03	TS1700	01	2	TQ2	C1			20A		
14193		XA122	14		XA140	74						TS176A	00	TMRITO	01	1	TT3	B2			09A		
16229		XA140	74		XA342	77						TS176A	01	TINDBR	01	2	TQ2	F3			35B		
												****	SIGNAL	TS176A									IS ON THE NEXT PAGE ****

DRAWING NUMBER 149019-800
UNIT ASSEMBLY NAME CARD CAGE ASSY, I/O UNIT

STRING

UNIT ASSEMBLY NO. 149019
FILE IDENT T39BIJX2

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RECORD NUMBER	FROM			TO			WIRE				SIGNAL	SEC NO	EQU. TION	TERM. N.	FACT.	CKT OR CHIP TYPE	GROUP	LOAD OR POWER PLANE	TEST POINTS AND/OR	SIGNAL DESCRIPTION	ECO NO
	PREFIX	CONNECTOR	PIN	PREFIX	CONNECTOR	PIN	ID	MULTI GROUP	CODE	COLOR											
16230		XA342	77									TS176A	02	TS176A	00	1	TH1	F6	38A	S00 +S17 +S26	
16231		XA343	39		XA342	75			16B	9		TS1760	01	TS1760	00	1	TT3	C3	19B	S00 + S17 +S26	
16232		XA342	75									TS1760	02	TS176A	01	1	TH1	F6	39A		
16233		XA150	72		XA250	48			16B	9		TS18BP	01	TM0120	01	3	TT3	F2	34A		
16234		XA250	48		XA351	49			16B	9		TS18BP	02	TS8210	01	3	TS8	D1	22A		
16236		XA351	49		XA351	77			16B	9		TS18BP	04	TQRS00	01	3	TT3	D3	26B		
16237		XA351	77		XA347	57			16B	9		TS18BP	05	TS8160	01	2	TT3	F1	38B		
16238		XA347	57									TS18BP	06	TS18BP	00	1	TDD	KP	30B	MASTER RESET S18007	
16239		XA116	49		XA325	49			16B	9		TS18BQ	01	TCD24A	01	2	TQ2	D4	26B		
16240		XA325	49		XA348	49			16B	9		TS18BQ	02	TS102A	01	1	TD4	D1	26B		
16241		XA348	49		XA347	55			16B	9		TS18BQ	03	TS18SD	01	2	TLD	D4	26B		
16242		XA347	55		XA345	48			16B	9		TS18BQ	04	TS18BQ	00	1	TDD	KQ	29B	PRESET S18	
16243		XA345	48		XA343	13			16B	9		TS18BQ	05	TS182A	01	3	TD4	D2	22A		
16244		XA343	13		XA246	79			16B	9		TS18BQ	06	TS114A	01	3	TT3	A3	06B		
16245		XA246	79									TS18BQ	07	TCD14A	01	2	TQ2	F1	39B		
16246		XA348	51								J	TS18SD	01	TS18SD	00	1	TLD	D4	27B	JDB18B4 BUSS	
16247		XA347	62		XA346	30			16B	9		TS1800	01	TS18B1	01	1	TDD	KI	29A		
16248		XA346	30									TS1800	02	TS1800	00	1	TQ2	C2	15A	SEL S18 CONDITIO	
16249		XA340	55		XA346	34			16B	9		TS181A	01	TS181A	00	1	TT3	E2	29B	S17.M3.BRST*	
16250		XA346	34									TS181A	02	TS1800	01	1	TQ2	C2	16A		
16251		XA346	36		XA345	45			16B	9		TS182A	01	TS1800	01	2	TQ2	C2	17A		
16252		XA345	45									TS182A	02	TS182A	00	1	TD4	D2	24B	S18 NO XFER	
16253		XA330	48		XA345	19			16B	9		TS19BP	01	TIT110	01	3	TS8	D1	22A		
16254		XA345	19		XA349	42			16B	9		TS19BP	02	TS2610	01	3	TD4	B2	09B		
16255		XA349	42		XA347	76			16B	9		TS19BP	03	TS4610	01	4	TD4	C1	20A		
16256		XA347	76									TS19BP	04	TS19BP	00	1	TDD	LP	37A	MASTER RESET S19	
16257		XA319	75		XA347	78			16B	9		TS19BQ	01	TS192A	01	1	TT3	F1	37B		
16258		XA347	78		XA348	55			16B	9		TS19BQ	02	TS19BQ	00	1	TDD	LQ	38A	PRESET S19	
16259		XA348	55		XA346	29			16B	9		TS19BQ	03	TS19SD	01	2	TLD	E3	29B		
16260		XA346	29									TS19BQ	04	TS191A	01	1	TQ2	C3	14B		
16261		XA309	06		XA346	33			16B	9		TS191A	01	TAVE1A	01	1	TT3	A1	05A		
16262		XA346	33									TS191A	02	TS191A	00	1	TQ2	C3	16B	S19 AND IND	
16263		XA348	57								J	TS19SD	01	TS19SD	00	1	TLD	E3	30B	JDB19B4 BUSS	
16264		XA343	51		XA347	77			16B	9		TS1900	01	TS1900	00	1	TT3	D3	27B	SEL S19	
16265		XA347	77									TS1900	02	TS19B1	01	1	TDD	L1	38B		
16266		XA349	47		XA343	47			16B	9		TS191A	01	TS191A	00	1	TD4	D1	25B	INACTIVE MODE NO	
16267		XA343	47									TS191A	02	TS1900	01	2	TT3	D3	29B		

DRAWING NUMBER		149019-800		STRING		UNIT ASSEMBLY NO.		149019		REV		G		INDEX		TS191A									
UNIT ASSEMBLY NAME		CARD CAGE ASSY, I/O UNIT		FILE IDENT		T39BIUX2		DATE		09-03-82		PAGE		303											
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	SHIFT	PREFIX	CONNECTOR	PIN	SHIFT	MULTI GROUP	CODE	COLOR	IDENT											SPEC INST. PDUZ		
16268		XA319	73											TS192A	01	TS192A	00	1	TT3	F1		36B	WRITE CONTROL PA		
16269		XA343	45		XA343	45				16B	9			TS192A	02	TS1900	01	1	TT3	D3		24B			
16270		XA414	51											TS2ABA	01	TS2ABA	00	1	TT3	D3		27B	MASTER RESET TO D		
16271		XA442	52							16B	9			TS2ABA	02	TA06BP	01	1	TDD	GP		24A			
16272		XA442	38							16B	9			TS2ABA	03	TA04BP	01	1	TDD	EP		18A			
16273		XA442	36							16B	9			TS2ABA	04	TA05BP	01	1	TDD	FP		17A			
16274		XA442	20							16B	9			TS2ABA	05	TA03BP	01	1	TDD	DP		11A			
16275		XA330	05											TS2INA	01	TITCA0	01	3	TS8	A1		03B	SO2. DR'D INF.		
16276		XA346	39							16B	9			TS2INA	02	TS2INA	00	1	TQ2	C4		19B			
16277		XA346	52											TS2NIA	01	TS2NIA	00	1	TQ2	D1		24A			
16278		XA330	43							16B	9			TS2NIA	02	TITI10	01	1	TS8	D1		23B			
15974		XA250	72											TS20BP	01	TERSA0	01	2	TS8	F1		34A	C05		
16280		XA330	07							16B	9			TS20BP	02	TITCA0	01	5	TS8	A1		03A			
16281		XA330	66							16B	9			TS20BP	03	TI112A	01	6	TS8	E1		31A			
16282		XA330	40							16B	9			TS20BP	04	TKTSB0	01	7	TS8	C1		19A	MASTER RESET S20		
16283		XA343	38							16B	9			TS20BP	05	TS1520	01	1	TT3	C1		18A			
16284		XA344	49							16B	9			TS20BP	06	TS1070	01	4	TS8	D1		26B			
16285		XA347	69							16B	9			TS20BP	07	TS20BP	00	1	TDD	MP		35A			
16286		XA146	76											TS20BQ	01	TS204A	01	1	TQ2	F4		37A	PRESET S20		
16287		XA347	74							16B	9			TS20BQ	02	TS20BQ	00	1	TDD	MQ		35B			
16288		XA348	61							16B	9			TS20BQ	03	TS20SD	01	2	TLD	E4		32B			
16289		XA343	57							16B	9			TS20BQ	04	TS212A	01	1	TT3	E3		30B			
16290		XA348	63										J	TS20SD	01	TS20SD	00	1	TLD	E4		33B	JDB2084 BUSS		
16291		XA347	71											TS2000	01	TS20B1	01	1	TDD	MI		36A	S03(BURST + BOOT		
16292		XA305	57							16B	9			TS2000	02	TS2000	00	1	TD4	E2		30B			
16293		XA305	64											TS201A	01	TS2000	01	4	TD4	E2		30A	(S2+S6+S13+S19)T		
16294		XA343	62							16B	9			TS201A	02	TS211A	01	3	TT3	E2		29A			
16295		XA349	59							16B	9			TS201A	03	TS201A	00	1	TD4	E1		31B			
16296		XA349	57											TS202A	01	TS202A	00	1	TD4	E2		30B	MEM PARITY ERROR		
16297		XA343	68							16B	9			TS202A	02	TS171A	01	2	TT3	E1		32A			
16298		XA305	62							16B	9			TS202A	03	TS2000	01	3	TD4	E2		29A			
16299		XA305	79							16B	9			TS202A	04	TS4XF0	01	4	TD4	F1		39B			
16300		XA305	60											TS203A	01	TS2000	01	2	TD4	E2		28A		OUTPUT MODE DATA C09	
16301		XA351	64							16B	9			TS203A	02	TS203A	00	1	TT3	E1		30A			
05980		XA433	24							16B	9			TS203A	03	TK07BI	01	1	TDD	CI		13A			
16302		XA347	65											TS204A	01	TS20BQ	01	1	TDD	MQ		34B	SO2. NO XFER		
16303		XA146	80							16B	9			TS204A	02	TS204A	00	1	TQ2	F4		39A			

DRAWING NUMBER		149019-800		STRING		UNIT ASSEMBLY NO.		149019		REV		G		INDEX		TS204A						
UNIT ASSEMBLY NAME		CARD CAGE ASSY, I/O UNIT				FILE IDENT		T39BIUX2		DATE		09-03-82		PAGE		304						
RECORD NUMBER	FROM			TO			WIRE			SPEC INSET	SIGNAL	SEQ NO	EQUATION	TERM	FACTOR	CKT OR CHIP TYPE	GROUP	LOAD OR POWER PLANE	TEST POINTS AND OR	SIGNAL DESCRIPTION	ECO NO	
	PREFIX	CONNECTOR	PIN	PREFIX	CONNECTOR	PIN	SH TS	MULTI GROUP	CODE													COLOR
16304		XA443	35		XA350	77			16B	9			TS21BP	01	RTCT10	01	1	TQ2	C4		17B	
16305		XA350	77		XA344	14			16B	9			TS21BP	02	TS214A	01	1	TQ2	F1		38B	
16306		XA344	14		XA245	79			16B	9			TS21BP	03	TS0020	01	1	TS8	B1		09A	
16307		XA245	79		XA250	54			16B	9			TS21BP	04	TS21C0	01	1	THI	F1		39B	
16308		XA250	54		XA251	21			16B	9			TS21BP	05	TS8210	01	7	TS8	D1		25A	
16309		XA251	21		XA113	10			16B	9			TS21BP	06	TS21BP	00	1	TDD	DP		10B	MASTER RESET S21
04930		XA113	10		XA112	19			16B	9			TS21BP	07	TMINH	01	1	TDD	AN		07A	C10
16311		XA112	19		XA138	47			16B	9			TS21BP	08	TES3A0	01	2	TQ2	B3		09B	C05
05150		XA138	47										TS21BP	09	TI1260	01	1	TQ2	D4		25B	C05
04881		XA112	71		XA115	47			16B	9			TS21BQ	00M	TS211A	01	1	TQ2	F2		36A	C10
04913		XA115	47		XA136	49			16B	9			TS21BQ	01	TK160A	01	1	TQ2	D4		25B	C10
16314		XA136	49		XA251	19			16B	9			TS21BQ	03	TTWPCA	01	1	TD4	D1		26B	
16315		XA251	19		XA348	74			16B	9			TS21BQ	04	TS21BQ	00	1	TDD	DQ		09B	PRESET S21
16316		XA348	74										TS21BQ	05	TS21SD	01	2	TLD	F3		35B	C10
16317		XA245	80		XA215	55			16B	9			TS21C0	01	TS21C0	00	1	THI	F1		38B	STATE S21 F/F UN
16322		XA215	55		XA116	36			16B	9			TS21C0	06	TK150A	01	1	TS8	E1		29B	C10
05087		XA116	36										TS21C0	07	TMOS1A	01	2	TQ2	C2		17A	C10
07822		XA112	72		XA115	03			16B	9			TS21IA	01	TS21IA	00	1	TQ2	F2		34A	C10
04897		XA115	03		XA116	18			16B	9			TS21IA	02	TS21I0	01	1	TQ2	A3		02A	C10
16310		XA116	18										TS21IA	03	TKDAA0	01	1	TQ2	B2		10A	C10
07827		XA115	09		XA116	26			16B	9			TS21I0	00M	TS21I0	00	1	TQ2	A3		04B	C10
16312		XA116	26		XA319	65			16B	9			TS21I0	001	TKMBCA	01	2	TQ2	B1		14A	C10
05565		XA319	65		XA332	04			16B	9			TS21I0	01	TK090A	01	1	TT3	F2		34B	C10
16318		XA332	04		XA332	08			16B	9			TS21I0	02	TK110A	01	1	TQ2	A2		04A	C10
16319		XA332	08		XA332	07			16B	9			TS21I0	03	TK100A	01	1	TQ2	A1		06A	C10
16320		XA332	07		XA332	13			16B	9			TS21I0	04	TK120A	01	2	TQ2	A3		03A	C10
16321		XA332	13										TS21I0	05	TK130A	01	2	TQ2	A4		06B	C10
16323		XA348	69								J		TS21SD	01	TS21SD	00	1	TLD	F3		35A	JDB21B4 BUSS
16324		XA345	46		XA205	30			16B	9			TS210A	01	TS182A	01	2	TD4	D2		21A	
16325		XA205	30										TS210A	02	TS210A	00	1	THI	C4		14B	
05187		XA141	29		XA205	29			16B	9			TS2100	005	TER5AA	01	1	TQ2	C3		14B	C05
16326		XA205	29		XA251	18			16B	9			TS2100	01	TS210A	01	1	THI	C4		15B	
16327		XA251	18		XA351	50			16B	9			TS2100	02	TS21BI	01	1	TDD	DI		10A	
16328		XA351	50										TS2100	03	TS2100	00	1	TT3	D1		23A	SEL S21
16329		XA343	55		XA351	56			16B	9			TS211A	01	TS211A	00	1	TT3	E2		29B	MEM TIME OUT
16330		XA351	56		XA247	60			16B	9			TS211A	02	TS2100	01	3	TT3	D1		26A	
16331		XA247	60										TS211A	03	TS162A	01	2	TS8	E1		28A	
16332		XA351	52		XA343	63			16B	9			TS212A	01	TS2100	01	1	TT3	D1		24A	
16333		XA343	63										TS212A	02	TS212A	00	1	TT3	E3		33B	S20.M3.BURST NOT

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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 2	PREFIX	CONNECTOR	PIN	SH 2	MULTI GROUP	CODE	COLOR	IDENT											
16334		XA247	66		XA349	09				16B	9		TS213A	01	TS162A	01	6	TS8	E1		31A		
16335		XA349	09		XA351	54				16B	9		TS213A	02	TS213A	00	1	TD4	A2		04B	(S8+S16+S18) PE	
16336		XA351	54										TS213A	03	TS2100	01	2	TT3	D1		25A		
16337		XA350	75		XA245	11				16B	9		TS214A	01	TS214A	00	1	TQ2	F1		37B	MEMORY T.O. NOT S	
16338		XA245	11										TS214A	02	TS2140	01	1	THI	A1		07A		
16339		XA245	13		XA343	60				16B	9		TS2140	01	TS2140	00	1	THI	A1		06A	MEMORY TIME OUT-	
16340		XA343	60										TS2140	02	TS211A	01	2	TT3	E2		28A		
16341		XA304	20		XA346	46				16B	9		TS2160	01	TIPEBA	01	2	TQ2	B2		11A		
16342		XA346	46										TS2160	02	TS2160	00	1	TQ2	D2		21A	STATE 0 + 21	
16343		XA134	41		XA134	45				16B	9		TS22BP	01	TCPDB0	01	1	TT3	D2		22B		
16344		XA134	45		XA134	52				16B	9		TS22BP	02	TCPDC0	01	1	TT3	D3		24B		
16345		XA134	52		XA134	66				16B	9		TS22BP	03	TCPDA0	01	1	TT3	D1		24A		
16346		XA134	66		XA236	61				16B	9		TS22BP	04	TCPDD0	01	1	TT3	E1		31A		
16347		XA236	61		XA251	35				16B	9		TS22BP	05	TECK10	01	1	TD4	E1		32B		
16348		XA251	35										TS22BP	06	TS22BP	00	1	TDD	EP		17B	MASTER RESET S22	
16349		XA304	23		XA115	54				16B	9		TS22BQ	01	TS224A	01	1	TQ2	B4		11B		
16350		XA115	54		XA248	08				16B	9		TS22BQ	02	TMRCA	01	1	TQ2	D1		25A		
16351		XA248	08		XA251	37				16B	9		TS22BQ	03	TS223A	01	2	TD4	A1		06A		
16352		XA251	37		XA247	72				16B	9		TS22BQ	04	TS22BQ	00	1	TDD	E0		18B	PRESET INPUT S22	
16353		XA247	72		XA246	73				16B	9		TS22BQ	05	TS231A	01	2	TS8	F1		34A		
16354		XA246	73		XA350	03				16B	9		TS22BQ	06	TC031A	01	2	TQ2	F2		36B		
16355		XA350	03		XA348	78				16B	9		TS22BQ	07	TS22FA	01	1	TQ2	A3		02A		
16356		XA348	78		XA346	74				16B	9		TS22BQ	08	TS22SD	01	2	TLD	F4		38A		
16357		XA346	74										TS22BQ	09	TCCCA	01	2	TQ2	F3		35B		
16358		XA248	40		XA350	09				16B	9		TS22FA	01	TACKA0	01	3	TD4	C1		19A		
16359		XA350	09										TS22FA	02	TS22FA	00	1	TQ2	A3		04B	S22 AND OFRO	
16360		XA348	80									J	TS22SD	01	TS22SD	00	1	TLD	F4		39A	JDB22B4 BUSS	
16361		XA350	06		XA251	40				16B	9		TS2200	01	TS2200	00	1	TQ2	A1		05A	SEL S22	
16362		XA251	40										TS2200	02	TS22BI	01	1	TDD	E1		19A		
16363		XA248	11		XA350	10				16B	9		TS223A	01	TS223A	00	1	TD4	A1		05B	MEM COUNT 3.0SC*	
16364		XA350	10										TS223A	02	TS2200	01	2	TQ2	A1		07A		
16365		XA304	27		XA222	55				16B	9		TS224A	01	TS224A	00	1	TQ2	B4		13B	PRESET BOOTSTRAP	
16366		XA222	55		XA221	54				16B	9		TS224A	02	TD2000	01	1	TS8	E1		29B		
16367		XA221	54										TS224A	03	TD2100	01	7	TS8	D1		25A		
16368		XA339	03		XA340	08				16B	9		TS23BP	01	TKICBQ	01	1	TDD	BQ		02A		
16369		XA340	08		XA350	11				16B	9		TS23BP	02	TKIC1A	01	2	TT3	A1		06A		
16370		XA350	11		XA251	33				16B	9		TS23BP	03	TS2300	01	1	TQ2	A4		05B		
													****	SIGNAL	TS23BP								IS ON THE NEXT PAGE ****

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RECORD NUMBER	FROM				TO				WIRE				SIGNAL	SEC NO	EQU. TION	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												SPEC INET MISC
16371		XA251	33			XA245	47			16B	9		TS23BP	04	TS23BP	00	1	TDD	FP		16B	MASTER RESET S23		
16372		XA245	47										TS23BP	05	TS23CO	01	1	THI	D2		24A			
16373		XA305	19			XA112	23			16B	9		TS23BQ	01	TI22XA	01	3	TD4	B2		09B			
16374		XA112	23			XA249	20			16B	9		TS23BQ	02	TES4AA	01	1	TQ2	B4		11B			
16375		XA249	20			XA251	31			16B	9		TS23BQ	03	TS23SD	01	2	TLD	B2		11A			
16376		XA251	31										TS23BQ	04	TS23BQ	00	1	TDD	FQ		15B	PRESET INPUT		
16377		XA245	49			XA246	65			16B	9		TS23C0	01	TS23C0	00	1	THI	D2		23A			
16378		XA246	65										TS23C0	02	TCPD2A	01	1	TQ2	F3		34B			
16379		XA249	14									J	TS23SD	01	TS23SD	00	1	TLD	B2		09A	JDB23B4 BUSS		
16380		XA350	15			XA251	34			16B	9		TS2300	01	TS2300	00	1	TQ2	A4		07B	SEL S23		
16381		XA251	34										TS2300	02	TS23BI	01	1	TDD	FI		16A			
16382		XA114	18			XA114	66			16B	9		TS231A	01	TI3100	01	2	TS8	B1		10A			
16383		XA114	66			XA248	10			16B	9		TS231A	02	TCMD40	01	6	TS8	E1		31A			
16384		XA248	10			XA247	76			16B	9		TS231A	03	TS223A	01	3	TD4	A1		07A			
16385		XA247	76			XA350	13			16B	9		TS231A	04	TS231A	00	1	TS8	F1		37A	S22 AND NOT SPEC		
16386		XA350	13										TS231A	05	TS2300	01	2	TQ2	A4		06B			
16387		XA245	71			XA251	36			16B	9		TS233A	01	TS233A	00	1	THI	F2		36B	RESET S23		
16388		XA251	36										TS233A	02	TS23BP	01	1	TDD	FP		17A			
16389		XA350	22			XA245	73			16B	9		TS2330	01	TS2330	00	1	TQ2	B1		12A	RESET S23		
16390		XA245	73										TS2330	02	TS233A	01	1	THI	F2		37B			
16391		XA330	52			XA349	25			16B	9		TS24BP	01	TI110	01	6	TS8	D1		24A			
16392		XA349	25			XA350	26			16B	9		TS24BP	02	TS2500	01	3	TD4	B1		12B			
16393		XA350	26			XA251	47			16B	9		TS24BP	03	TS2330	01	2	TQ2	B1		14A			
16394		XA251	47			XA236	70			16B	9		TS24BP	04	TS24BP	00	1	TDD	GP		25B	MASTER RESET S24		
16395		XA236	70			XA225	42			16B	9		TS24BP	05	TECK10	01	4	TD4	E1		33A			
16396		XA225	42			XA206	75			16B	9		TS24BP	06	TCPCAA	01	2	TQ2	C1		20A		C06	
05267		XA206	75										TS24BP	07	TI1DAA	01	1	TT3	F1		37B		C06	
16397		XA304	43			XA206	29			16B	9		TS24BQ	01	TI111A	01	2	TQ2	D3		23B			
16398		XA206	29			XA249	19			16B	9		TS24BQ	02	TI212A	01	1	TT3	C2		14B			
16399		XA249	19			XA251	49			16B	9		TS24BQ	03	TS24SD	01	2	TLD	B3		09B			
16400		XA251	49			XA350	37			16B	9		TS24BQ	04	TS24BQ	00	1	TDD	GQ		26B	PRESET S24		
16401		XA350	37			XA350	56			16B	9		TS24BQ	05	TLUCAA	01	2	TQ2	C4		18B			
16402		XA350	56			XA351	78			16B	9		TS24BQ	06	TWTOFA	01	2	TQ2	D1		26A			
16403		XA351	78										TS24BQ	07	TPS12A	01	3	TT3	F3		38A			
16404		XA249	21									J	TS24SD	01	TS24SD	00	1	TLD	B3		10B	JDB24B4 BUSS		
20525		XA251	45			XA206	77			16B	9		TS25BP	01	TS25BP	00	1	TDD	HP		24B	MASTER RESET S25	C06	
05234		XA206	77										TS25BP	02	TI1DAA	01	2	TT3	F1		38B		C06	
16405		XA249	23			XA251	43			16B	9		TS25BQ	01	TS25SD	01	1	TLD	B4		11B			
													****	SIGNAL	(TS25BQ)	IS ON THE NEXT PAGE				****				

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RECORD NUMBER	FROM			TO			WIRE				SIGNAL	SEQ NO	EQUATION	TERM	FACTOR	CKT OR CHIP TYPE	GROUP	LOAD OR POWER PLANE	TEST POINTS AND/OR	SIGNAL DESCRIPTION	ECO NO	
	PREFIX	CONNECTOR	PIN	PREFIX	CONNECTOR	PIN	MULTI GROUP	CODE	COLOR	IDENT												
16406		XA251	43		XA236	72		16B	9		TS25BQ	02	TS25BQ	00	1	TDD	HQ		23B	PRESET INPUT S25		
16407		XA236	72		XA335	71		16B	9		TS25BQ	03	TS251A	01	2	TD4	F2		34A			
16408		XA335	71		XA341	35		16B	9		TS25BQ	04	TS262A	01	1	TQ2	F2		36A			
16409		XA341	35		XA346	43		16B	9		TS25BQ	05	TS007A	01	1	TQ2	C4		17B			
16410		XA346	43								TS25BQ	06	TS261A	01	2	TQ2	D3		23B			
16411		XA249	27							J	TS25SD	01	TS25SD	00	1	TLD	B4		13B	JDB25B4 BUSS		
16412		XA251	48		XA349	23		16B	9		TS2500	01	TS25B1	01	1	TDD	HI		22A	SEL S25		
16413		XA349	23								TS2500	02	TS2500	00	1	TD4	B1		11B			
16414		XA236	69		XA349	26		16B	9		TS251A	01	TS251A	00	1	TD4	F2		35A	WORD INPUT COMPL		
16415		XA349	26								TS251A	02	TS2500	01	4	TD4	B1		14A			
16416		XA251	59		XA343	33		16B	9		TS26BP	01	TS26BP	00	1	TDD	JP		31B	MASTER RESET S26		
16417		XA343	33								TS26BP	02	TS1760	01	1	TT3	C3		16B			
16418		XA249	42		XA251	61		16B	9		TS26BQ	01	TS26SD	01	2	TLD	C1		20A			
16419		XA251	61		XA350	71		16B	9		TS26BQ	02	TS26BQ	00	1	TDD	JQ		32B	PRESET INPUT S26		
16420		XA350	71		XA341	54		16B	9		TS26BQ	03	TS271A	01	1	TQ2	F2		36A			
16421		XA341	54								TS26BQ	04	TS008A	01	1	TQ2	D1		25A			
16422		XA249	38							J	TS26SD	01	TS26SD	00	1	TLD	C1		18A	JDB26B4 BUSS		
16423		XA251	68		XA350	14		16B	9		TS2600	01	TS26B1	01	1	TDD	J1		32A	SEL S26		
16424		XA350	14								TS2600	02	TS2600	00	1	TQ2	B2		09A			
16425		XA138	10		XA138	05		16B	9		TS261A	01	TWDXA0	01	2	TQ2	A1		07A			
16426		XA138	05		XA138	07		16B	9		TS261A	02	TWBXA0	01	2	TQ2	A2		03B			
16427		XA138	07		XA138	11		16B	9		TS261A	03	TWDXB0	01	2	TQ2	A3		03A			
16428		XA138	11		XA236	71		16B	9		TS261A	04	TWDXC0	01	1	TQ2	A4		05B			
16429		XA236	71		XA346	45		16B	9		TS261A	05	TS251A	01	1	TD4	F2		36A			
16430		XA346	45		XA350	18		16B	9		TS261A	06	TS261A	00	1	TQ2	D3		24B	S25. ITR (IND+ADD0		
16431		XA350	18								TS261A	07	TS2600	01	1	TQ2	B2		10A			
16432		XA345	21		XA349	61		16B	9		TS2610	01	TS2610	00	1	TD4	B2		10B	S2 + S6 + S13 +		
16433		XA349	61								TS2610	02	TS201A	01	1	TD4	E1		32B			
16434		XA335	72		XA236	74		16B	9		TS262A	01	TS262A	00	1	TQ2	F2		34A			
16435		XA236	74		XA350	20		16B	9		TS262A	02	TS251A	01	4	TD4	F2		35B			
16436		XA350	20								TS262A	03	TS2600	01	2	TQ2	B2		11A			
16437		XA249	36		XA251	55		16B	9		TS27BQ	01	TS27SD	01	2	TLD	C2		17A	PRESET S27		
16438		XA251	55		XA246	78		16B	9		TS27BQ	02	TS27BQ	00	1	TDD	KQ		29B			
16439		XA246	78		XA244	71		16B	9		TS27BQ	03	TCPD3A	01	2	TQ2	F4		38A			
16440		XA244	71								TS27BQ	04	TS288I	01	1	TDD	MI		36A			
16441		XA249	30							J	TS27SD	01	TS27SD	00	1	TLD	C2		15A	JDB27B4 BUSS		
16442		XA251	62		XA245	70		16B	9		TS2700	01	TS27B1	01	1	TDD	KI		29A			
											****		SIGNAL (TS2700)							IS ON THE	NEXT PAGE	****

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 UNIT ASSEMBLY NAME CARD CAGE ASSY, I/O UNIT

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UNIT ASSEMBLY NO. 149019
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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	TERM	PREFIX	CONNECTOR	PIN	TERM	NO OF GROUP	CODE	COLOR	IDENT											
16443		XA245	70										TS2700	02	TS2700	00	1	THI	F3		34B	SEL S27	
16444		XA350	72		XA245	69				16B	9		TS271A	01	TS271A	00	1	TQ2	F2		34A	S26 AND SPEC OFR	
16445		XA245	69										TS2700	01	TS2700	01	1	THI	F3		35B		
16446		XA250	20		XA250	38				16B	9		TS28BP	01	TC02A0	01	4	TS8	B1		11A		
16447		XA250	38		XA244	69				16B	9		TS28BP	02	TC03A0	01	6	TS8	C1		18A	MASTER RESET S28	
16448		XA244	69		XA327	13				16B	9		TS28BP	03	TS28BP	00	1	TDD	MP		35A		
16449		XA327	13		XA315	29				16B	9		TS28BP	04	TC142A	01	3	TT3	A3		06B		
16450		XA315	29		XA315	35				16B	9		TS28BP	05	TC162A	01	1	TT3	C2		14B		
16451		XA315	35		XA315	40				16B	9		TS28BP	06	TC172A	01	2	TT3	C3		17B		
16452		XA315	40										TS28BP	07	TC152A	01	2	TT3	C1		19A		
16453		XA319	78		XA350	74				16B	9		TS28BQ	01	TOFS2A	01	3	TT3	F3		38A		
16454		XA350	74		XA340	05				16B	9		TS28BQ	02	TS28FA	01	2	TQ2	F3		35B		
16455		XA340	05		XA244	74				16B	9		TS28BQ	03	TOFS1A	01	3	TT3	A2		03B		
16456		XA244	74		XA251	71				16B	9		TS28BQ	04	TS28BQ	00	1	TDD	MQ		35B	PRESET INPUT S28	
16457		XA251	71		XA249	31				16B	9		TS28BQ	05	TS29BI	01	1	TDD	MI		36A		
16458		XA249	31		XA225	05				16B	9		TS28BQ	06	TS28SD	01	2	TLD	C3		15B		
16459		XA225	05		XA206	61				16B	9		TS28BQ	07	TC151A	01	2	TQ2	A2		03B		
16460		XA206	61										TS28BQ	08	TDEV3A	01	3	TT3	E3		32B		
16461		XA334	55		XA350	69				16B	9		TS28FA	01	TC01B0	01	1	TS8	E1		29B	S28 AND OFRO	
16462		XA350	69		XA245	74				16B	9		TS28FA	02	TS28FA	00	1	TQ2	F3		35A		
16463		XA245	74										TS28FA	03	TS28F0	01	1	THI	F4		35A		
16464		XA245	72		XA230	73				16B	9		TS28F0	01	TS28F0	00	1	THI	F4		34A	S28 AND OFRO	
16465		XA230	73		XA230	18				16B	9		TS28F0	02	TC171A	01	2	TQ2	F2		36B		
16466		XA230	18		XA225	10				16B	9		TS28F0	03	TC161A	01	1	TQ2	B2		10A		
16467		XA225	10										TS28F0	04	TC141A	01	2	TQ2	A1		07A		
16468		XA249	33									J	TS28SD	01	TS28SD	00	1	TLD	C3		16B	JDB28B4 BUSS	
16469		XA248	42		XA251	69				16B	9		TS29BP	01	TACKA0	01	4	TD4	C1		20A		
16470		XA251	69		XA344	24				16B	9		TS29BP	02	TS29BP	00	1	TDD	MP		35A	MASTER RESET S29	
16471		XA344	24										TS29BP	03	TS0020	01	6	TS8	B1		13A		
16472		XA249	37		XA251	74				16B	9		TS29BQ	01	TS29SD	01	2	TLD	C4		18B		
16473		XA251	74		XA350	78				16B	9		TS29BQ	02	TS29BQ	00	1	TDD	MQ		35B	PRESET INPUT S29	
16474		XA350	78										TS29BQ	03	TS29FA	01	2	TQ2	F4		38A		
16475		XA245	76		XA350	80				16B	9		TS29FA	01	TS29F0	01	1	THI	F5		37A		
16476		XA350	80										TS29FA	02	TS29FA	00	1	TQ2	F4		39A	S29 AND OFRO	
16477		XA327	69		XA245	78				16B	9		TS29F0	01	TAWPOA	01	1	TT3	F3		35A	S29 AND OFRO	
16478		XA245	78										TS29F0	02	TS29F0	00	1	THI	F5		36A		
16479		XA249	39									J	TS29SD	01	TS29SD	00	1	TLD	C4		19B	JDB29B4 BUSS	
16480		XA238	53		XA317	57				16B	9		TS3EBP	01	TENBBQ	01	1	TDD	KQ		28B		
													****	SIGNAL	TS3EBP			IS ON THE	NEXT PAGE	****			

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RECORD NUMBER	FROM				TO				WIRE				SFC INST. ASSC	SIGNAL	SEQ NO	EQUATION	TERM	FACTOR	CKT OR CHIP TYPE	GROUP	LOAD OR POWER PLANE	TEST POINTS AND OR	SIGNAL DESCRIPTION	ECO NO
	PREFIX	CONNECTOR	PIN	DR	PREFIX	CONNECTOR	PIN	DR	MULTI GROUP	CODE	COLOR	IDENT												
16481		XA317	57			XA113	29			16B	9		TS3EBP	02	TS3EBP	00	1	TDD	KP		30B	STATE 3 ADD ACK +		
16482		XA113	29										TS3EBP	03	TI10BQ	01	1	TDD	FQ		14B			
16483		XA115	08			XA250	13			16B	9		TS3M0A	01	TKC460	01	1	TQ2	A1		06A			
16484		XA250	13			XA245	59			16B	9		TS3M0A	02	TM0110	01	8	TS8	A1		06B			
16485		XA245	59			XA349	76			16B	9		TS3M0A	03	TS3M00	01	1	THI	E5		31B			
16486		XA349	76										TS3M0A	04	TS3M0A	00	1	T04	F1		37A	S03,M00 AND NOT		
16487		XA438	79			XA438	78			16B	9		TS3M00	01	TA052A	01	2	TQ2	F1		39B			
16488		XA438	78			XA440	61			16B	9		TS3M00	02	TA062A	01	2	TQ2	F4		38A			
16489		XA440	61			XA245	57			16B	9		TS3M00	03	TA042A	01	2	TQ2	E4		32B			
16490		XA245	57										TS3M00	04	TS3M00	00	1	THI	E5		30B	S0.M0.BURST*-0		
16491		XA350	66			XA341	62			16B	9		TS3M3A	01	TS3M3A	00	1	TQ2	E1		31A	S03(M3 + BURST		
16492		XA341	62			XA330	46			16B	9		TS3M3A	02	TS0410	01	1	TQ2	E2		29A			
16493		XA330	46			XA325	22			16B	9		TS3M3A	03	TI1110	01	2	TS8	D1		21A			
16494		XA325	22										TS3M3A	04	TS032A	01	1	T04	B1		12A			
16495		XA245	55			XA349	69			16B	9		TS4M5A	01	TS4M50	01	1	THI	E4		29B			
16496		XA349	69										TS4M5A	02	TS4M5A	00	1	T04	F2		35A	S04-IND*.ACTIVE(
16497		XA340	34			XA245	56			16B	9		TS4M50	01	TS133A	01	3	TT3	C2		16A			
16498		XA245	56			XA230	08			16B	9		TS4M50	02	TS4M50	00	1	THI	E4		28B	S04.IND*.ACTIVE(
16499		XA230	08										TS4M50	03	TS051A	01	1	TQ2	A1		06A			
16500		XA330	13			XA343	73			16B	9		TS4NIA	01	TI1CA0	01	8	TS8	A1		06B			
16501		XA343	73										TS4NIA	02	TS4NIA	00	1	TT3	F1		36B	S4.NOT INPUT .NO		
16502		XA205	68			XA346	62			16B	9		TS4XFA	01	TS4XFA	00	1	THI	E6		32B			
16503		XA346	62										TS4XFA	02	TS042A	01	1	TQ2	E2		29A			
16504		XA305	76			XA205	65			16B	9		TS4XF0	01	TS4XF0	00	1	T04	F1		37A			
16505		XA205	65										TS4XF0	02	TS4XFA	01	1	THI	E6		33B			
16508		XA343	70			XA349	35			16B	9		TS4610	01	TS171A	01	3	TT3	E1		33A			
16509		XA349	35										TS4610	02	TS4610	00	1	T04	C1		17B	S4 +S6 + S13 + S		
16510		XA250	59			XA349	64			16B	9		TS4620	01	TS4620	00	1	TS8	E1		31B	S4+S6+S10+S12+S1		
16511		XA349	64										TS4620	02	TS202A	01	4	T04	E2		30A			
14132		XA350	46			XA349	37			16B	9		TS463A	01	TS463A	00	1	TQ2	D2		21A		E05	
16087		XA349	37							16B	9		TS463A	02	TS4610	01	1	T04	C1		18B		E05	
16512		XA346	51			XA250	06			16B	9		TS5AVA	01	TS5AVA	00	1	TQ2	D4		27B	S05.NOT ACCESS V		
16513		XA250	06										TS5AVA	02	TM0110	01	4	TS8	A1		05A			
16514		XA115	22			XA233	47			16B	9		TS5130	01	TS5130	00	1	TQ2	B1		12A	MEM ERROR PE D		
16515		XA233	47										TS5130	02	TMTDWA	01	1	TQ2	D4		25B			
16516		XA346	75			XA330	04			16B	9		TS6BRA	01	TS6BRA	00	1	TQ2	F1		37B	S06(BURST REQ .		
													****	SIGNAL	(TS6BRA)									

DRAWING NUMBER		149019-800		STRING		UNIT ASSEMBLY NO.		149019		REV		G		INDEX		TS6BRA					
UNIT ASSEMBLY NAME		CARD CAGE ASSY, I/O UNIT		FILE IDENT		T398IU2		DATE		09-03-82		PAGE		310							
RECORD NUMBER	FROM			TO			WIRE			SIGNAL	SEC NO	EQU. TION	TERM	FACTORS	CKT OR CHIP TYPE	GROUP	LOAD OR POWER PLANE	TEST POINTS AND/OR	SIGNAL DESCRIPTION	ECO NO	
	PREFIX	CONNECTOR	PIN	SN FS	PREFIX	CONNECTOR	PIN	SN FS	MULTI GROUP												CODE
16517		XA330	04															04A			
16518		XA150	71		XA349	33			16B	9								36A			
16519		XA349	33		XA305	06			16B	9								16B		ST.BOOTSTRAP.MO.	
16520		XA305	06															05A			
16521		XA250	01		XA343	74			16B	9								02B			
16522		XA343	74															35B		ST.BL=0.NOT BOOT	
16523		XA145	71		XA344	18			16B	9								36A			
16524		XA344	18		XA343	80			16B	9								10A			
16525		XA343	80		XA428	23			16B	9								39A		SET LEVEL 77	
16526		XA428	23		XA305	10			16B	9								12A			
16527		XA305	10		XA207	55			16B	9								07A			
16528		XA207	55		XA207	41			16B	9								29B			
16529		XA207	41															22B		RESET BOOTSTRAP	
16530		XA426	59		XA428	25			16B	9								31B			
16531		XA428	25															11A			
16532		XA351	73		XA349	04			16B	9								36B		S8 + S16 + S18	
16533		XA349	04															04A			
05492		XA305	49		XA250	47			16B	9								26B			
16534		XA250	47		XA150	11			16B	9								25B		S08 +S10 +S12 +S	
16535		XA150	11		XA122	47			16B	9								05B			
16536		XA122	47															25B			
16537		XA343	05		XA350	21			16B	9								03B			
16538		XA350	21															10B		S9 AND M3	
16539		XA248	47		XA250	05			16B	9								25B		S9.Q BIT=1(RTCO	
16540		XA250	05															03B			
16541		XA127	53		XA127	59			16B	9								28B			
16542		XA127	59		XA127	65			16B	9								31B			
16543		XA127	65		XA127	64			16B	9								34B			
16544		XA127	64		XA127	70			16B	9								30A			
16545		XA127	70		XA127	71			16B	9								33A			
16546		XA127	71		XA127	79			16B	9								36A			
16547		XA127	79		XA351	07			16B	9								39B			
16548		XA351	07															03A		D REG TO CPU BUS	
16549		XA126	11		XA126	03			16B	9								05B			
16550		XA126	03		XA126	05			16B	9								02A			
16551		XA126	05		XA126	08			16B	9								03B			
16552		XA126	08		XA126	18			16B	9								06A			
16553		XA126	18		XA126	24			16B	9								10A			
16554		XA126	24		XA127	76			16B	9								13A			
16555		XA127	76		XA351	15			16B	9								37A			
									****	SIGNAL	TTDM10		IS ON THE	NEXT PAGE	****						

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 UNIT ASSEMBLY NAME CARD CAGE ASSY, I/O UNIT

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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												SPEC INST MISC	
16556		XA351	15									TTDM10	08	TTDM10	00	1	TT3	A3		07B	D REG TO CPU BUS		
16557		XA126	19	XA126	23			16B	9			TTDM20	01	TD14CD	01	2	TLD	B3		09B			
16558		XA126	23	XA126	29			16B	9			TTDM20	02	TD15CD	01	1	TLD	B4		11B			
16559		XA126	29	XA126	35			16B	9			TTDM20	03	TD18CD	01	1	TLD	C3		14B			
16560		XA126	35	XA126	36			16B	9			TTDM20	04	TD19CD	01	1	TLD	C4		17B			
16561		XA126	36	XA126	40			16B	9			TTDM20	05	TD17CD	01	2	TLD	C2		17A			
16562		XA126	40	XA126	56			16B	9			TTDM20	06	TD16CD	01	1	TLD	C1		19A			
16563		XA126	56	XA351	20			16B	9			TTDM20	07	TD20CD	01	2	TLD	D1		26A			
16564		XA351	20									TTDM20	08	TTDM20	00	1	TT3	B1		11A	D REG TO CPU BUS		
16565		XA351	19	XA126	70			16B	9			TTDM30	01	TTDM30	00	1	TT3	B2		09B	D REG TO CPU BUS		
16566		XA126	70	XA126	64			16B	9			TTDM30	02	TD24CD	01	2	TLD	E1		33A			
16567		XA126	64	XA126	59			16B	9			TTDM30	03	TD25CD	01	2	TLD	E2		30A			
16568		XA126	59	XA126	53			16B	9			TTDM30	04	TD27CD	01	1	TLD	E4		31B			
16569		XA126	53	XA126	49			16B	9			TTDM30	05	TD26CD	01	1	TLD	E3		28B			
16570		XA126	49	XA126	50			16B	9			TTDM30	06	TD23CD	01	2	TLD	D4		26B			
16571		XA126	50	XA126	41			16B	9			TTDM30	07	TD21CD	01	2	TLD	D2		23A			
16572		XA126	41									TTDM30	08	TD22CD	01	1	TLD	D3		22B			
16573		XA351	27	XA126	79			16B	9			TTDM40	01	TTDM40	00	1	TT3	B3		13B	D REG TO CPU BUS		
16574		XA126	79	XA126	76			16B	9			TTDM40	02	TD28CD	01	2	TLD	F1		39B			
16575		XA126	76	XA126	73			16B	9			TTDM40	03	JDB31D	01	1	TLD	F4		37A			
16576		XA126	73	XA126	65			16B	9			TTDM40	04	TD29CD	01	2	TLD	F2		36B			
16577		XA126	65									TTDM40	05	TD30CD	01	1	TLD	F3		34B			
16578		XA135	47	XA135	51			16B	9			TTESAA	01	TTESAA0	01	1	THI	D2		24A			
16579		XA135	51	XA135	64			16B	9			TTESAA	02	TTESB0	01	1	THI	D6		27B			
16580		XA135	64	XA133	75			16B	9			TTESAA	03	TTESCO	01	1	THI	E1		33A			
16581		XA133	75	XA213	05			16B	9			TTESAA	04	TTESAA	00	1	TQ2	F1		37B	TE REGISTER SHIF		
16582		XA213	05									TTESAA	05	TTESD0	01	1	THI	A4		03B			
16583		XA239	23	XA239	26			16B	9			TTESAA0	01	TF048A	01	1	TQ2	B4		11B			
16584		XA239	26	XA239	20			16B	9			TTESAA0	02	TF078A	01	2	TQ2	B1		14A			
16585		XA239	20	XA239	17			16B	9			TTESAA0	03	TF068A	01	2	TQ2	B2		11A			
16586		XA239	17	XA239	11			16B	9			TTESAA0	04	TF058A	01	1	TQ2	B3		08B			
16587		XA239	11	XA239	10			16B	9			TTESAA0	05	TF008A	01	1	TQ2	A4		05B			
16588		XA239	10	XA239	05			16B	9			TTESAA0	06	TF038A	01	2	TQ2	A1		07A			
16589		XA239	05	XA239	03			16B	9			TTESAA0	07	TF028A	01	2	TQ2	A2		03B			
16590		XA239	03	XA135	49			16B	9			TTESAA0	08	TF018A	01	1	TQ2	A3		02A			
16591		XA135	49									TTESAA0	09	TTESAA0	00	1	THI	D2		23A	TE REGISTER SHIF		
16592		XA239	54	XA239	48			16B	9			TTESB0	01	TF158A	01	1	TQ2	D1		25A			
16593		XA239	48	XA239	49			16B	9			TTESB0	02	TF148A	01	1	TQ2	D2		22A			
16594		XA239	49	XA239	43			16B	9			TTESB0	03	TF128A	01	2	TQ2	D4		26B			
16595		XA239	43	XA239	37			16B	9			TTESB0	04	TF138A	01	2	TQ2	D3		23B			
16596		XA239	37	XA239	40			16B	9			TTESB0	05	TF088A	01	2	TQ2	C4		18B			
16597		XA239	40	XA239	34			16B	9			TTESB0	06	TF118A	01	1	TQ2	C1		19A			
16598		XA239	34	XA239	29			16B	9			TTESB0	07	TF108A	01	1	TQ2	C2		16A			
16599		XA239	29	XA135	53			16B	9			TTESB0	08	TF098A	01	1	TQ2	C3		14B			
								****			SIGNAL (TTESB0)											S 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 2	PREFIX	CONNECTOR	PIN	SH 2	MULTI GROUP	CODE	COLOR	IDENT											SPEC INET MISC
16600		XA135	53										TTESB0	09	TTESB0	00	1	THI	D6		26B	TE REG SHIFT CON	
16601		XA239	68		XA239	62				16B	9		TTESCO	01	TF198A	01	1	TQ2	E1		32A		
16602		XA239	62		XA239	61				16B	9		TTESCO	02	TF188A	01	1	TQ2	E2		29A		
16603		XA239	61		XA239	55				16B	9		TTESCO	03	TF168A	01	2	TQ2	E4		32B		
16604		XA239	55		XA235	56				16B	9		TTESCO	04	TF178A	01	2	TQ2	E3		29B		
16605		XA235	56		XA235	50				16B	9		TTESCO	05	TF208A	01	2	TQ2	D1		26A		
16606		XA235	50		XA235	47				16B	9		TTESCO	06	TF218A	01	2	TQ2	D2		23A		
16607		XA235	47		XA235	41				16B	9		TTESCO	07	TF238A	01	1	TQ2	D4		25B		
16608		XA235	41		XA135	66				16B	9		TTESCO	08	TF228A	01	1	TQ2	D3		22B		
16609		XA135	66										TTESCO	09	TTESCO	00	1	THI	E1		32A	TE REG SHIFT CON	
16610		XA213	01		XA235	53				16B	9		TTESD0	01	TTESD0	00	1	THI	A4		02B	TE REG SHIFT CON	
16611		XA235	53		XA235	59				16B	9		TTESD0	02	TF268A	01	1	TQ2	E3		28B		
16612		XA235	59		XA235	64				16B	9		TTESD0	03	TF278A	01	1	TQ2	E4		31B		
16613		XA235	64		XA235	70				16B	9		TTESD0	04	TF258A	01	2	TQ2	E2		30A		
16614		XA235	70		XA235	74				16B	9		TTESD0	05	TF248A	01	2	TQ2	E1		33A		
16615		XA235	74		XA235	78				16B	9		TTESD0	06	TF308A	01	2	TQ2	F3		35B		
16616		XA235	78		XA235	77				16B	9		TTESD0	07	TF318A	01	2	TQ2	F4		38A		
16617		XA235	77		XA235	71				16B	9		TTESD0	08	TF288A	01	1	TQ2	F1		38B		
16618		XA235	71										TTESD0	09	TF298A	01	1	TQ2	F2		36A		
16619		XA339	26		XA236	66				16B	9		TTESPA	01	TEOP8N	01	1	TDD	CN		14A		
16620		XA236	66		XA135	41				16B	9		TTESPA	02	TECK10	01	2	TD4	E1		31A		
16621		XA135	41		XA137	04				16B	9		TTESPA	03	TTESPO	01	1	THI	D4		23B		
16622		XA137	04										TTESPA	04	TTESPA	00	1	TT3	A1		04A	SHIFT PULSE-A	
16623		XA146	18		XA135	46				16B	9		TTESPO	01	TBK12A	01	1	TQ2	B2		10A		
16624		XA135	46		XA305	04				16B	9		TTESPO	02	TTESPO	00	1	THI	D4		22B	SHIFT PULSE-0	
16625		XA305	04										TTESPO	03	TIPESA	01	2	TD4	A2		04A		
16626		XA310	70		XA427	31				16B	9		TTSAMO	01	TTSAMO	00	1	THI	F3		34B	A REG TO CPU BUS	
16627		XA427	31		XA427	37				16B	9		TTSAMO	02	TA02SD	01	2	TLD	C3		15B		
16628		XA427	37		XA427	41				16B	9		TTSAMO	03	TA03SD	01	2	TLD	C4		18B		
16629		XA427	41		XA427	42				16B	9		TTSAMO	04	TA06SD	01	1	TLD	D3		22B		
16630		XA427	42		XA427	36				16B	9		TTSAMO	05	TA00SD	01	2	TLD	C1		20A		
16631		XA427	36		XA427	48				16B	9		TTSAMO	06	TA01SD	01	2	TLD	C2		17A		
16632		XA427	48		XA427	56				16B	9		TTSAMO	07	TA05SD	01	1	TLD	D2		22A		
16633		XA427	56										TTSAMO	08	TA04SD	01	2	TLD	D1		26A		
16634		XA413	10		XA413	05				16B	9		TTSBMO	01	TRO0SD	01	2	TLD	A1		07A		
16635		XA413	05		XA413	07				16B	9		TTSBMO	02	TRO1SD	01	2	TLD	A2		03B		
16636		XA413	07		XA413	13				16B	9		TTSBMO	03	TRO2SD	01	2	TLD	A3		03A		
16637		XA413	13		XA413	19				16B	9		TTSBMO	04	TRO3SD	01	2	TLD	A4		06B		
16638		XA413	19		XA413	20				16B	9		TTSBMO	05	TRO6SD	01	2	TLD	B3		09B		
16639		XA413	20		XA413	26				16B	9		TTSBMO	06	TRO5SD	01	2	TLD	B2		11A		
16640		XA413	26		XA413	25				16B	9		TTSBMO	07	TRO4SD	01	2	TLD	B1		14A		
16641		XA413	25		XA415	22				16B	9		TTSBMO	08	TRO7SD	01	2	TLD	B4		12B		
16642		XA415	22										TTSBMO	09	TTSBMO	00	1	TQ2	B1		12A	CONTROL TERM DAT	
													****	SIGNAL	(TTSCMO)			IS ON THE	NEXT PAGE	****			

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	PREFIX	CONNECTOR	PIN	SH PG	PREFIX	CONNECTOR	PIN	SH PG	MULTI GROUP	CODE	COLOR	IDENT											
16643		XA415	14			XA413	36			16B	9		TTSCMO	01	TTSCMO	00	1	TQ2	B2		09A	CONTROL TERM DAT	
16644		XA413	36			XA413	43			16B	9		TTSCMO	02	TR09SD	01	2	TLD	C2		17A		
16645		XA413	43			XA413	50			16B	9		TTSCMO	03	TM01SD	01	2	TLD	D3		23B		
16646		XA413	50			XA413	49			16B	9		TTSCMO	04	TM00SD	01	2	TLD	D2		23A		
16647		XA413	49			XA413	55			16B	9		TTSCMO	05	TM02SD	01	2	TLD	D4		26B		
16648		XA413	55			XA413	61			16B	9		TTSCMO	06	TM05SD	01	2	TLD	E3		29B		
16649		XA413	61			XA413	64			16B	9		TTSCMO	07	TM06SD	01	2	TLD	E4		32B		
16650		XA413	64			XA413	70			16B	9		TTSCMO	08	TM04SD	01	2	TLD	E2		30A		
16651		XA413	70										TTSCMO	09	TM03SD	01	2	TLD	E1		33A		
16652		XA413	73			XA413	79			16B	9		TTSDMO	01	TBC2SD	01	2	TLD	F2		36B		
16653		XA413	79			XA413	78			16B	9		TTSDMO	02	TBC1SD	01	2	TLD	F1		39B		
16654		XA413	78			XA413	74			16B	9		TTSDMO	03	TBC4SD	01	2	TLD	F4		38A		
16655		XA413	74			XA413	56			16B	9		TTSDMO	04	TBC3SD	01	2	TLD	F3		35B		
16656		XA413	56			XA413	42			16B	9		TTSDMO	05	TI30SD	01	2	TLD	D1		26A		
16657		XA413	42			XA413	37			16B	9		TTSDMO	06	TR08SD	01	2	TLD	C1		20A		
16658		XA413	37			XA413	31			16B	9		TTSDMO	07	TI20SD	01	2	TLD	C4		18B		
16659		XA413	31			XA415	21			16B	9		TTSDMO	08	TI10SD	01	2	TLD	C3		15B		
16660		XA415	21										TTSDMO	09	TTSDMO	00	1	TQ2	B3		10B	CONTROL TERM DAT	
16661		XA348	79			XA348	71			16B	9		TTSM00	01	TS07SD	01	2	TLD	F1		39B		
16662		XA348	71			XA348	53			16B	9		TTSM00	02	TS08SD	01	1	TLD	F2		36A		
16663		XA348	53			XA348	56			16B	9		TTSM00	03	TS19SD	01	1	TLD	E3		28B		
16664		XA348	56			XA348	48			16B	9		TTSM00	04	TS03SD	01	2	TLD	D1		26A		
16665		XA348	48			XA348	40			16B	9		TTSM00	05	TS04SD	01	1	TLD	D2		22A		
16666		XA348	40			XA348	34			16B	9		TTSM00	06	TS01SD	01	1	TLD	C1		19A		
16667		XA348	34			XA348	08			16B	9		TTSM00	07	TS02SD	01	1	TLD	C2		16A		
16668		XA348	08			XA245	31			16B	9		TTSM00	08	TS00SD	01	1	TLD	A1		06A		
16669		XA245	31										TTSM00	09	TTSM00	00	1	THI	C5		16B	S REG TO CPU BUS	
16670		XA348	35			XA348	31			16B	9		TTSM10	01	TS16SD	01	1	TLD	C4		17B		
16671		XA348	31			XA348	23			16B	9		TTSM10	02	TS15SD	01	2	TLD	C3		15B		
16672		XA348	23			XA348	24			16B	9		TTSM10	03	TS14SD	01	1	TLD	B4		11B		
16673		XA348	24			XA348	18			16B	9		TTSM10	04	TS09SD	01	1	TLD	B1		13A		
16674		XA348	18			XA348	17			16B	9		TTSM10	05	TS10SD	01	1	TLD	B2		10A		
16675		XA348	17			XA348	11			16B	9		TTSM10	06	TS13SD	01	1	TLD	B3		08B		
16676		XA348	11			XA348	03			16B	9		TTSM10	07	TS12SD	01	1	TLD	A4		05B		
16677		XA348	03			XA245	42			16B	9		TTSM10	08	TS11SD	01	1	TLD	A3		02A		
16678		XA245	42										TTSM10	09	TTSM10	00	1	THI	C6		18B	S REG TO CPU BUS	
16679		XA249	18			XA249	17			16B	9		TTSM20	01	TS23SD	01	1	TLD	B2		10A		
16680		XA249	17			XA249	25			16B	9		TTSM20	02	TS24SD	01	1	TLD	B3		08B		
16681		XA249	25			XA249	40			16B	9		TTSM20	03	TS25SD	01	2	TLD	B4		12B		
16682		XA249	40			XA245	48			16B	9		TTSM20	04	TS26SD	01	1	TLD	C1		19A		
16683		XA245	48			XA348	59			16B	9		TTSM20	05	TTSM20	00	1	THI	D3		21A	S REG TO CPU BUS	
16684		XA348	59			XA348	65			16B	9		TTSM20	06	TS20SD	01	1	TLD	E4		31B		
16685		XA348	65			XA348	76			16B	9		TTSM20	07	TS21SD	01	1	TLD	F3		34B		
16686		XA348	76										TTSM20	08	TS22SD	01	1	TLD	F4		37A		
16687		XA348	70			XA348	62			16B	9		TTSM30	01	TS05SD	01	2	TLD	E1		33A		
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	PREFIX	CONNECTOR	PIN	PREFIX	CONNECTOR	PIN	SIZE	MULTI GROUP	CODE	COLOR											
16688		XA348	62		XA348	47			168	9		TTSM30	02	TS06SD	01	1	TLD	E2	29A		
16689		XA348	47		XA348	41			168	9		TTSM30	03	TS18SD	01	1	TLD	D4	25B		
16690		XA348	41		XA245	46			168	9		TTSM30	04	TS17SD	01	1	TLD	D3	22B		
16691		XA245	46		XA249	35			168	9		TTSM30	05	TTSM30	00	1	THI	D4	22B	S REG TO MEM BUS	
16692		XA249	35		XA249	29			168	9		TTSM30	06	TS29SD	01	1	TLD	C4	17B		
16693		XA249	29		XA249	34			168	9		TTSM30	07	TS28SD	01	1	TLD	C3	14B		
16694		XA249	34									TTSM30	08	TS27SD	01	1	TLD	C2	16A		
16695		XA136	47		XA135	45			168	9		TTWPCA	01	TTWPCA	00	1	T04	D1	25B	TERMINATE WORD P	
16696		XA135	45		XA128	49			168	9		TTWPCA	02	TTWPCA	01	1	THI	D5	25B		
16697		XA128	49									TTWPCA	03	TDS090	01	4	TS8	D1	26B		
16698		XA133	73		XA133	76			168	9		TTWPC0	01	TPSTEA	01	2	TQ2	F2	36B		
16699		XA133	76		XA133	74			168	9		TTWPC0	02	TPSTIA	01	1	TQ2	F4	37A		
16700		XA133	74		XA135	43			168	9		TTWPC0	03	TPSTFA	01	2	TQ2	F3	35B		
16701		XA135	43									TTWPC0	04	TTWPC0	00	1	THI	D5	24B	TER. WORD POST C	
16702		XA326	06		XA328	07			168	9		TU00A0	01	TU00A0	00	1	TQ2	A1	05A	BL UPDATE TC00.	
16703		XA328	07									TU00A0	02	TD002A	01	2	TQ2	A3	03A		
16704		XA328	06		XA326	08			168	9		TU003A	01	TU003A	00	1	TQ2	A1	05A	BL UPDATE TC00.	
16705		XA326	08									TU003A	02	TU00A0	01	1	TQ2	A1	06A		
16706		XA326	10		XA328	01			168	9		TU004A	01	TU00A0	01	2	TQ2	A1	07A		
16707		XA328	01									TU004A	02	TU004A	00	1	TQ2	A2	02B	BL UPDATE TC00*	
16708		XA315	70		XA327	04			168	9		TU021A	01	TD022A	01	3	TT3	E1	33A		
16709		XA327	04									TU021A	02	TU021A	00	1	TT3	A1	04A	BL UPDATE TC04*.	
16710		XA328	21		XA315	68			168	9		TU0220	01	TU0220	00	1	TQ2	B3	10B	BL UPDATE TC04*.	
16711		XA315	68									TU0220	02	TD022A	01	2	TT3	E1	32A		
16712		XA326	40		XA328	30			168	9		TU03A0	01	TD032A	01	1	TQ2	C1	19A		
16713		XA328	30									TU03A0	02	TU03A0	00	1	TQ2	C2	15A	BL UPDATE TC03.	
16714		XA332	21		XA328	36			168	9		TU033A	01	TU033A	00	1	TQ2	B3	10B	BL UPDATE TC03.	
16715		XA328	36									TU033A	02	TU03A0	01	2	TQ2	C2	17A		
16716		XA328	34		XA332	27			168	9		TU034A	01	TU03A0	01	1	TQ2	C2	16A		
16717		XA332	27									TU034A	02	TU034A	00	1	TQ2	B4	13B	BL UPDATE TC03*	
16718		XA319	64		XA327	24			168	9		TU051A	01	TU051A	00	1	TT3	E1	30A	BL UPDATE TC07*.	
16719		XA327	24									TU051A	02	TD052A	01	2	TT3	B1	13A		
16720		XA332	33		XA327	26			168	9		TU0520	01	TU0520	00	1	TQ2	C3	16B	BL UPDATE TC07*.	
16721		XA327	26									TU0520	02	TD052A	01	3	TT3	B1	14A		
16722		XA219	75		XA224	59			168	9		TU06A0	01	TU06A0	00	1	TQ2	F1	37B	BL UPDATE TC06.	
16723		XA224	59									TU06A0	02	TD062A	01	1	TQ2	E4	31B		
									****	SIGNAL		TU063A		S 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											
16724		XA326	45		XA219	77		16B	9			TU063A	01	TU063A	00	1	TQ2	D3	24B	BL UPDATE TC06.	
16725		XA219	77									TU063A	02	TU06A0	01	1	TQ2	F1	38B		
16726		XA219	79		XA326	46		16B	9			TU064A	01	TU06A0	01	2	TQ2	F1	39B		
16727		XA326	46									TU064A	02	TU064A	00	1	TQ2	D2	21A	BL UPDATE TC06*	
16728		XA206	47		XA327	63		16B	9			TU081A	01	TD082A	01	2	TT3	D3	25B		
16729		XA327	63									TU081A	02	TU081A	00	1	TT3	E3	33B	BL UPDATE TC10*	
16730		XA326	51		XA206	45		16B	9			TU0820	01	TU0820	00	1	TQ2	D4	27B	BL UPDATE TC10*	
16731		XA206	45									TU0820	02	TD082A	01	1	TT3	D3	24B		
16732		XA230	76		XA224	69		16B	9			TU09A0	01	TD092A	01	1	TQ2	F4	37A		
16733		XA224	69									TU09A0	02	TU09A0	00	1	TQ2	F3	35A	BL UPDATE TC09.	
16734		XA326	57		XA224	65		16B	9			TU093A	01	TU093A	00	1	TQ2	E3	30B	BL UPDATE TC09.	
16735		XA224	65									TU093A	02	TU09A0	01	1	TQ2	F3	34B		
16736		XA224	74		XA326	63		16B	9			TU094A	01	TU09A0	01	2	TQ2	F3	35B		
16737		XA326	63									TU094A	02	TU094A	00	1	TQ2	E4	33B	BL UPDATE TC09*	
16738		XA314	18		XA320	39		16B	9			TU14A0	01	TD142A	01	1	TQ2	B2	10A		
16739		XA320	39									TU14A0	02	TU14A0	00	1	TQ2	C4	19B	UPDATE CA 14 IF	
16740		XA310	21		XA314	21		16B	9			TU141A	01	TU1410	01	1	THI	B5	11B		
16741		XA314	21		XA320	35		16B	9			TU141A	02	TU141A	00	1	TQ2	B3	10B	UPDATE CA 14 IF	
16742		XA320	35									TU141A	03	TU14A0	01	1	TQ2	C4	17B		
16743		XA314	25		XA310	19		16B	9			TU1410	01	TCAC1A	01	2	TQ2	B4	12B		
16744		XA310	19									TU1410	02	TU1410	00	1	THI	B5	10B	TC15.TC16 -0	
16745		XA218	61		XA316	66		16B	9			TU15A0	01	TD152A	01	2	TQ2	E4	32B		
16746		XA316	66									TU15A0	02	TU15A0	00	1	TQ2	E1	31A	UPDATE CA 15 IF	
16747		XA314	30		XA316	70		16B	9			TU151A	01	TU151A	00	1	TQ2	C2	15A	UPDATE CA 15 IF	
16748		XA316	70									TU151A	02	TU15A0	01	2	TQ2	E1	33A		
16749		XA316	68		XA314	33		16B	9			TU152A	01	TU15A0	01	1	TQ2	E1	32A		
16750		XA314	33									TU152A	02	TU152A	00	1	TQ2	C3	16B	UPDATE CA 15 IF	
16751		XA218	25		XA316	60		16B	9			TU17A0	01	TD172A	01	2	TQ2	B4	12B		
16752		XA316	60									TU17A0	02	TU17A0	00	1	TQ2	E2	28A	UPDATE CA 17 IF	
16753		XA310	33		XA314	39		16B	9			TU171A	01	TU1710	01	1	THI	C5	17B		
16754		XA314	39		XA316	62		16B	9			TU171A	02	TU171A	00	1	TQ2	C4	19B	UPDATE CA 17 IF	
16755		XA316	62									TU171A	03	TU17A0	01	1	TQ2	E2	29A		
16756		XA320	68		XA314	13		16B	9			TU1710	01	TCAC2A	01	1	TQ2	E1	32A		
16757		XA314	13		XA310	31		16B	9			TU1710	02	TACP3A	01	2	TQ2	A4	06B		
16758		XA310	31									TU1710	03	TU1710	00	1	THI	C5	16B	TC18.TC19 -0	

DRAWING NUMBER 149019-800
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RECORD NUMBER	FROM			TO			WIRE				SPEC. INST. MISC.	SIGNAL	SEQ NO	EQUATION	TERS	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			
16792		XA314	46		XA316	78			168	9		TU261A	01	TU261A	00	1	TQ2	D2		21A		UPDATE CA26 IF 2		
16793		XA316	78									TU261A	02	TU26A0	01	2	TQ2	F4			38A			
16794		XA218	72		XA214	25			168	9		TU27A0	01	TU27A0	00	1	TQ2	F2			34A		UPDATE CA27 IF 2	
16795		XA214	25									TU27A0	02	T0272A	01	2	TQ2	B4			12B			
16796		XA314	45		XA218	73			168	9		TU271A	01	TU271A	00	1	TQ2	D3			24B		UPDATE CA27 IF 2	
16797		XA218	73									TU271A	02	TU27A0	01	2	TQ2	F2			36B			
16798		XA218	71		XA314	51			168	9		TU272A	01	TU27A0	01	1	TQ2	F2			36A			
16799		XA314	51									TU272A	02	TU272A	00	1	TQ2	D4			27B		UPDATE CA27 IF 2	
16800		XA308	33		XA214	37			168	9		TU29A0	01	TU29A0	00	1	T04	C2			16B		UPDATE CA29 IF 3	
16801		XA214	37									TU29A0	02	T0292A	01	2	TQ2	C4			18B			
16802		XA319	50		XA308	31			168	9		TU291A	01	TU291A	00	1	TT3	D1			23A		UPDATE CA29 IF 2	
16803		XA308	31									TU291A	02	TU29A0	01	2	T04	C2			15B			
16804		XA308	36		XA319	43			168	9		TU292A	01	TU29A0	01	4	T04	C2			17A			
16805		XA319	43									TU292A	02	TU292A	00	1	TT3	D2			23B		UPDATE CA29 IF 2	
16806		XA326	72		XA308	30			168	9		TU293A	01	TU293A	00	1	TQ2	F2			34A		UPDATE CA29 IF 2	
16807		XA308	30									TU293A	02	TU29A0	01	1	T04	C2			15A			
16808		XA319	51		XA308	34			168	9		TU294A	01	TU294A	00	1	TT3	D3			27B		UPDATE CA29 IF 3	
16809		XA308	34									TU294A	02	TU29A0	01	3	T04	C2			16A			
16810		XA218	41		XA315	50			168	9		TU30A0	01	T0302A	01	1	TQ2	D3			22B			
16811		XA315	50									TU30A0	02	TU30A0	00	1	TT3	D1			23A		UPDATE CA30 IF 3	
16812		XA315	52		XA326	69			168	9		TU301A	01	TU30A0	01	1	TT3	D1			24A			
16813		XA326	69									TU301A	02	TU301A	00	1	TQ2	F3			35A		UPDATE CA30 IF 3	
16814		XA309	80		XA315	54			168	9		TU302A	01	TU302A	00	1	TT3	F3			39A		UPDATE CA30 IF 3	
16815		XA315	54									TU302A	02	TU30A0	01	2	TT3	D1			25A			
16816		XA327	19		XA315	56			168	9		TU303A	01	TU303A	00	1	TT3	B2			09B		UPDATE CA30 IF 3	
16817		XA315	56									TU303A	02	TU30A0	01	3	TT3	D1			26A			
16818		XA139	13		XA140	78			168	9		TWBXAA	01	TWBXAA	00	1	THI	A1			06A		TD XFER CONTROL-	
16819		XA140	78		XA247	24			168	9		TWBXAA	02	TWTG10	01	2	TQ2	F4			38A			
16820		XA247	24									TWBXAA	03	TDC010	01	6	TS8	B1			13A			
16821		XA138	01		XA139	11			168	9		TWBXAO	01	TWBXAO	00	1	TQ2	A2			02B		TE TO TO XFER BI	
16822		XA139	11		XA240	53			168	9		TWBXAO	02	TWBXAA	01	1	THI	A1			07A			
16823		XA240	53		XA240	61			168	9		TWBXAO	03	T0053A	01	1	TQ2	E3			28B			
16824		XA240	61		XA240	62			168	9		TWBXAO	04	T0043A	01	2	TQ2	E4			32B			
16825		XA240	62		XA240	68			168	9		TWBXAO	05	T0063A	01	1	TQ2	E2			29A			
16826		XA240	68		XA240	74			168	9		TWBXAO	06	T0073A	01	1	TQ2	E1			32A			
16827		XA240	74		XA240	78			168	9		TWBXAO	07	T0013A	01	2	TQ2	F3			35B			
									****	SIGNAL	(TWBXAO)			IS ON THE	NEXT PAGE	****								

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RECORD NUMBER	FROM				TO				WIRE				SIGNAL	SEC NO	EQU. TION	TERM	FACTOR	CKT OR CHIP TYPE	GROUP	LOAD GR POWER PLANE	TEST POINTS		SIGNAL DESCRIPTION	ECO NO
	PREFIX	CONNECTOR	PIN	WIRE	PREFIX	CONNECTOR	PIN	WIRE	MULTI GROUP	CODE	COLOR	IDENT									W/SEC	AND/OR		
16828		XA240	78		XA240	77				168	9			TWBXAO	08	TD003A	01	2	TQ2	F4		38A		
16829		XA240	77		XA240	71				168	9			TWBXAO	09	TD033A	01	1	TQ2	F1		38B		
16830		XA240	71											TWBXAO	10	TD023A	01	1	TQ2	F2		36A		
16831		XA334	48		XA334	34				168	9			TWDXAA	01	TDC820	01	3	TS8	D1		22A		
16832		XA334	34		XA334	19				168	9			TWDXAA	02	TDC620	01	3	TS8	C1		16A		
16833		XA334	19		XA334	07				168	9			TWDXAA	03	TDC610	01	3	TS8	B1		09B		
16834		XA334	07		XA135	77				168	9			TWDXAA	04	TDC420	01	5	TS8	A1		03A		
16835		XA135	77											TWDXAA	05	TWDXAA	00	1	THI	F6		38A		WORD XFER CONTR
16836		XA240	54		XA240	48				168	9			TWDXAO	01	TD113A	01	1	TQ2	D1		25A		
16837		XA240	48		XA240	49				168	9			TWDXAO	02	TD103A	01	1	TQ2	D2		22A		
16838		XA240	49		XA240	43				168	9			TWDXAO	03	TD083A	01	2	TQ2	D4		26B		
16839		XA240	43		XA240	42				168	9			TWDXAO	04	TD093A	01	2	TQ2	D3		23B		
16840		XA240	42		XA240	36				168	9			TWDXAO	05	TD153A	01	2	TQ2	C1		20A		
16841		XA240	36		XA240	37				168	9			TWDXAO	06	TD143A	01	2	TQ2	C2		17A		
16842		XA240	37		XA240	29				168	9			TWDXAO	07	TD123A	01	2	TQ2	C4		18B		
16843		XA240	29		XA240	25				168	9			TWDXAO	08	TD133A	01	1	TQ2	C3		14B		
16844		XA240	25		XA135	75				168	9			TWDXAO	09	TD163A	01	2	TQ2	B4		12B		
16845		XA135	75		XA138	06				168	9			TWDXAO	10	TWDXAA	01	1	THI	F6		39A		
16846		XA138	06											TWDXAO	11	TWDXAO	00	1	TQ2	A1		05A		WORD XFER CONTR
16847		XA234	03		XA234	23				168	9			TWDXBO	01	TD253A	01	1	TQ2	A3		02A		
16848		XA234	23		XA234	26				168	9			TWDXBO	02	TD283A	01	1	TQ2	B4		11B		
16849		XA234	26		XA237	17				168	9			TWDXBO	03	TD263A	01	2	TQ2	B1		14A		
16850		XA237	17		XA240	10				168	9			TWDXBO	04	TD273A	01	1	TQ2	B3		08B		
16851		XA240	10		XA240	11				168	9			TWDXBO	05	TD233A	01	2	TQ2	A1		07A		
16852		XA240	11		XA240	05				168	9			TWDXBO	06	TD203A	01	1	TQ2	A4		05B		
16853		XA240	05		XA240	03				168	9			TWDXBO	07	TD223A	01	2	TQ2	A2		03B		
16854		XA240	03		XA237	04				168	9			TWDXBO	08	TD213A	01	1	TQ2	A3		02A		
16855		XA237	04		XA138	09				168	9			TWDXBO	09	TD243A	01	1	TQ2	A2		04A		
16856		XA138	09											TWDXBO	10	TWDXBO	00	1	TQ2	A3		04B		TD XFER CONTROL-
16857		XA237	55		XA237	48				168	9			TWDXCO	01	TD313A	01	2	TQ2	E3		29B		
16858		XA237	48		XA237	31				168	9			TWDXCO	02	TD303A	01	1	TQ2	D2		22A		
16859		XA237	31		XA240	26				168	9			TWDXCO	03	TD293A	01	2	TQ2	C3		15B		
16860		XA240	26		XA240	18				168	9			TWDXCO	04	TD193A	01	2	TQ2	B1		14A		
16861		XA240	18		XA240	17				168	9			TWDXCO	05	TD183A	01	1	TQ2	B2		10A		
16862		XA240	17		XA138	15				168	9			TWDXCO	06	TD173A	01	1	TQ2	B3		08B		
16863		XA138	15											TWDXCO	07	TWDXCO	00	1	TQ2	A4		07B		TD XFER CONTROL-
16864		XA323	69		XA330	62				168	9			TWDIAA	01	TWDIAA	00	1	TQ4	F2		35A		WRITE DATA WORD
16865		XA330	62		XA138	13				168	9			TWDIAA	02	TI112A	01	4	TS8	E1		29A		
16866		XA138	13		XA138	03				168	9			TWDIAA	03	TWDXCO	01	2	TQ2	A4		06B		
16867		XA138	03		XA138	04				168	9			TWDIAA	04	TWDXBO	01	1	TQ2	A3		02A		
16868		XA138	04		XA138	08				168	9			TWDIAA	05	TWBXAO	01	1	TQ2	A2		04A		
16869		XA138	08											TWDIAA	06	TWDXAO	01	1	TQ2	A1		06A		
16870		XA236	68		XA138	80				168	9			TWTCAA	01	TECK10	01	3	TD4	E1		32A		
16871		XA138	80											TWTCAA	02	TWTCAA	00	1	TQ2	F4		39A		WORD XFER CLK(S2)

DRAWING NUMBER 149019-800
 UNIT ASSEMBLY NAME CARD CAGE ASSY, I/O UNIT

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UNIT ASSEMBLY NO. 149019
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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		SIGNAL DESCRIPTION	ECO NO
	PREFIX	CONNECTOR	PIN	SH #2	PREFIX	CONNECTOR	PIN	SH #2	MULTI GROUP	CODE	COLOR	IDENT										AND	OR		
16872		XA231	56		XA231	24				168	9		TWTDAA	01	TF063A	01	2	TQ2	D1		26A				
16873		XA231	24		XA231	40				168	9		TWTDAA	02	TF023A	01	1	TQ2	B1		13A				
16874		XA231	40		XA230	41				168	9		TWTDAA	03	TF043A	01	1	TQ2	C1		19A				
16875		XA230	41		XA230	31				168	9		TWTDAA	04	TF073A	01	1	TQ2	O3		22B				
16876		XA230	31		XA230	17				168	9		TWTDAA	05	TF053A	01	2	TQ2	C3		15B				
16877		XA230	17		XA230	03				168	9		TWTDAA	06	TF033A	01	1	TQ2	B3		08B				
16878		XA230	03		XA231	08				168	9		TWTDAA	07	TF013A	01	1	TQ2	A3		02A				
16879		XA231	08		XA138	69				168	9		TWTDAA	08	TF003A	01	1	TQ2	A1		06A				
16880		XA138	69										TWTDAA	09	TWTDAA	00	1	TQ2	F3		35A		WORD XFER TO-TE		
16881		XA230	79		XA231	73				168	9		TWTD00	01	TF113A	01	2	TQ2	F1		39B				
16882		XA231	73		XA230	70				168	9		TWTD00	02	TF103A	01	2	TQ2	F2		36B				
16883		XA230	70		XA230	62				168	9		TWTD00	03	TF083A	01	2	TQ2	E1		33A				
16884		XA230	62		XA225	20				168	9		TWTD00	04	TF093A	01	1	TQ2	E2		29A				
16885		XA225	20		XA224	25				168	9		TWTD00	05	TF143A	01	2	TQ2	B2		11A				
16886		XA224	25		XA224	11				168	9		TWTD00	06	TF153A	01	2	TQ2	B4		12B				
16887		XA224	11		XA225	11				168	9		TWTD00	07	TF123A	01	1	TQ2	A4		05B				
16888		XA225	11		XA138	72				168	9		TWTD00	08	TF133A	01	1	TQ2	A4		05B				
16889		XA138	72										TWTD00	09	TWTD00	00	1	TQ2	F2		34A		TD TO TE WORD XF		
16890		XA138	75		XA224	31				168	9		TWTD00	01	TWTD00	00	1	TQ2	F1		37B		TD TO TE WORD XF		
16891		XA224	31		XA224	35				168	9		TWTD00	02	TF163A	01	2	TQ2	C3		15B				
16892		XA224	35		XA224	48				168	9		TWTD00	03	TF173A	01	1	TQ2	C4		17B				
16893		XA224	48		XA224	54				168	9		TWTD00	04	TF193A	01	1	TQ2	O2		22A				
16894		XA224	54		XA224	62				168	9		TWTD00	05	TF183A	01	1	TQ2	D1		25A				
16895		XA224	62		XA224	68				168	9		TWTD00	06	TF213A	01	1	TQ2	E2		29A				
16896		XA224	68		XA224	71				168	9		TWTD00	07	TF203A	01	1	TQ2	E1		32A				
16897		XA224	71		XA224	79				168	9		TWTD00	08	TF233A	01	1	TQ2	F2		36A				
16898		XA224	79										TWTD00	09	TF223A	01	2	TQ2	F1		39B				
16899		XA218	56		XA218	48				168	9		TWTD00	01	TF303A	01	2	TQ2	D1		26A				
16900		XA218	48		XA218	40				168	9		TWTD00	02	TF313A	01	1	TQ2	O2		22A				
16901		XA218	40		XA218	34				168	9		TWTD00	03	TF283A	01	1	TQ2	C1		19A				
16902		XA218	34		XA218	24				168	9		TWTD00	04	TF293A	01	1	TQ2	C2		16A				
16903		XA218	24		XA218	18				168	9		TWTD00	05	TF263A	01	1	TQ2	B1		13A				
16904		XA218	18		XA218	08				168	9		TWTD00	06	TF273A	01	1	TQ2	B2		10A				
16905		XA218	08		XA218	04				168	9		TWTD00	07	TF243A	01	1	TQ2	A1		06A				
16906		XA218	04		XA138	63				168	9		TWTD00	08	TF253A	01	1	TQ2	A2		04A				
16907		XA138	63										TWTD00	09	TWTD00	00	1	TQ2	E4		33B		TD TO TE WORD XF		
16908		XA140	80		XA138	78				168	9		TWTG10	01	TWTG10	00	1	TQ2	F4		39A		S24.OFR + WORD M		
16909		XA138	78										TWTG10	02	TWTCAA	01	2	TQ2	F4		38A				
16910		XA326	80		XA138	79				168	9		TWTMOA	01	TWTMOA	00	1	TQ2	F4		39A		WORD TRANSFER MO		
16911		XA138	79		XA138	73				168	9		TWTMOA	02	TWTD00	01	2	TQ2	F1		39B				
16912		XA138	73		XA138	74				168	9		TWTMOA	03	TWTD00	01	2	TQ2	F2		36B				
16913		XA138	74		XA138	59				168	9		TWTMOA	04	TWTDAA	01	2	TQ2	F3		35B				
16914		XA138	59										TWTMOA	05	TWTD00	01	1	TQ2	E4		31B				

DRAWING NUMBER 149019-800
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UNIT ASSEMBLY NO. 149019
FILE IDENT T39B1UX2

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DATE 09-03-82
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RECORD NUMBER	FROM				TO				WIRE				SIGNAL	SEQ NO	EQUATION	FURN	FACTOR	CKT OR CHIP TYPE	WIDT	LOAD OR POWER PLANE	TEST POINTS		SIGNAL DESCRIPTION	ECO NO
	PREFIX	CONNECTOR	PIN	USE	PREFIX	CONNECTOR	PIN	USE	MULTI GROUP	CODE	COLOR	IDENT									AND	OR		
16915		XA350	52		XA138	77				16B	9		TWTOFA	01	TWTOFA	00	1	TQ2	D1		24A		WORD TRANSFER OF	
16916		XA138	77		XA138	71				16B	9		TWTOFA	02	TWTOFA	01	1	TQ2	F1		38B			
16917		XA138	71		XA138	65				16B	9		TWTOFA	03	TWTOFA	01	1	TQ2	F2		36A			
16918		XA138	65		XA138	61				16B	9		TWTOFA	04	TWTOFA	01	1	TQ2	F3		34B			
16919		XA138	61										TWTOFA	05	TWTOFA	01	2	TQ2	E4		32B			
16920		XA122	01		XA310	74				16B	9		TXAUCO	01	TKC030	01	1	TT3	A2		02B			
16921		XA310	74		XA351	36				16B	9		TXAUCO	02	TXAUCO	01	1	THI	F4		35A			
16922		XA351	36										TXAUCO	03	TXAUCO	00	1	TT3	C1		17A		XFER AUCTION TO	
16923		XA340	61		XA440	40				16B	9		TXAUCO	01	TS022A	01	3	TT3	E3		32B			
16924		XA440	40		XA414	42				16B	9		TXAUCO	02	TA002A	01	1	TQ2	C1		19A			
16925		XA414	42		XA414	23				16B	9		TXAUCO	03	TA033A	01	3	TT3	C1		20A			
16926		XA414	23		XA414	22				16B	9		TXAUCO	04	TA032A	01	2	TT3	B3		11B			
16927		XA414	22		XA414	18				16B	9		TXAUCO	05	TA022A	01	1	TT3	B1		12A			
16928		XA414	18		XA414	13				16B	9		TXAUCO	06	TA023A	01	3	TT3	B2		10A			
16929		XA414	13		XA414	03				16B	9		TXAUCO	07	TA013A	01	3	TT3	A3		06B			
16930		XA414	03		XA310	72				16B	9		TXAUCO	08	TA012A	01	2	TT3	A2		02A			
16931		XA310	72										TXAUCO	09	TXAUCO	00	1	THI	F4		34A		XFER AUCTION TO	
16932		XA145	51		XA141	34				16B	9		TXCAZA	01	TXCAZA	00	1	TT3	D3		27B		C1*.C2*.C3* (COU	
16933		XA141	34		XA140	04				16B	9		TXCAZA	02	TDOPA	01	1	TQ2	C2		16A			
16934		XA140	04										TXCAZA	03	TXCAZO	01	1	TQ2	A2		04A			
16935		XA140	01		XA141	10				16B	9		TXCAZO	01	TXCAZO	00	1	TQ2	A2		02B		COUNT = ZERO	
16936		XA141	10		XA143	48				16B	9		TXCAZO	02	TXC12A	01	2	TQ2	A1		07A			
16937		XA143	48										TXCAZO	03	TXC08I	01	1	TDD	HI		22A			
16938		XA142	35		XA143	45				16B	9		TXC0BP	01	TNO10A	01	1	TQ2	C4		17B			
16939		XA143	45										TXC0BP	02	TXC0BP	00	1	TDD	HP		24B		CLOCKED COUNT#ZER	
16940		XA405	71		XA206	03				16B	9		TXC0BQ	01	TIINDCI	01	1	TDD	MI		36A			
16941		XA206	03		XA136	68				16B	9		TXC0BQ	02	TBR10A	01	2	TT3	A2		02A			
16942		XA136	68		XA143	43				16B	9		TXC0BQ	03	TCPD1A	01	3	T04	E1		32A			
16943		XA143	43		XA247	71				16B	9		TXC0BQ	04	TXC0BQ	00	1	TDD	HQ		23B		CLOCKED COUNT#ZER	
16944		XA247	71										TXC0BQ	05	TS231A	01	1	TS8	F1		36A			
16945		XA143	11		XA144	54				16B	9		TXC1BP	01	TXC1BP	00	1	TDD	AP		05B		I/O COUNTER I-RE	
16946		XA144	54		XA145	45				16B	9		TXC1BP	02	TXC11A	01	3	T04	D1		25A			
16947		XA145	45		XA136	48				16B	9		TXC1BP	03	TXCAZA	01	1	TT3	O3		24B			
16948		XA136	48		XA128	78				16B	9		TXC1BP	04	TENB2A	01	3	T04	D2		22A			
16949		XA128	78		XA128	55				16B	9		TXC1BP	05	TXC13A	01	7	TS8	F1		38A			
16950		XA128	55		XA114	01				16B	9		TXC1BP	06	TER4AA	01	1	TS8	E1		29B			
16951		XA114	01										TXC1BP	07	TI23XA	01	1	TS8	A1		02B			
16952		XA206	22		XA116	78				16B	9		TXC1BQ	01	TSTR9A	01	1	TT3	B1		12A			
16953		XA116	78		XA145	68				16B	9		TXC1BQ	02	TSTR8A	01	2	TQ2	F4		38A			
16954		XA145	68		XA142	29				16B	9		TXC1BQ	03	TXC78A	01	2	TT3	E1		32A			
										****		SIGNAL (TXC1BQ)			IS ON THE						****			

DRAWING NUMBER 149019-800
 UNIT ASSEMBLY NAME CARD CAGE ASSY,I/O UNIT

STRING

UNIT ASSEMBLY NO. 149019
 FILE IDENT T398IUX2

REV G
 DATE 09-03-82

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RECORD NUMBER	FROM				TO				WIRE				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	SHFT	PREFIX	CONNECTOR	PIN	SHFT	MULTI GROUP	CODE	COLCR	IDENT												SPEC INST MISC
16955		XA142	29		XA140	24				16B	9			TXC1BQ	04	TXC16A	01	1	TQ2	C3		14B		
16956		XA140	24		XA143	13				16B	9			TXC1BQ	05	TXC20A	01	1	TQ2	B1		13A		
16957		XA143	13		XA147	14				16B	9			TXC1BQ	06	TXC1BQ	00	1	TDD	AQ		06B	I/O COUNTER 1-SE	
16958		XA147	14											TXC1BQ	07	TBD14A	01	1	TS8	B1		09A		
16959		XA142	72		XA143	50				16B	9			TXC10A	01	TXC10A	00	1	TQ2	F2		34A	REAL TIME CLOCK	
16960		XA143	50											TXC10A	02	TXC0BP	01	1	TDD	HP		23A		
16961		XA143	08		XA147	47				16B	9			TXC100	01	TXC18I	01	1	TDD	AI		06A		
16962		XA147	47		XA142	71				16B	9			TXC100	02	TXC100	00	1	TS8	D1		25B	ORED DATA IN	
16963		XA142	71											TXC100	03	TXC10A	01	1	TQ2	F2		36A		
16964		XA144	47		XA147	46				16B	9			TXC11A	01	TXC11A	00	1	TD4	D1		25B	I3.C1*C2*.C3	
16965		XA147	46											TXC11A	02	TXC100	01	2	TS8	D1		21A		
16966		XA141	06		XA140	18				16B	9			TXC12A	01	TXC12A	00	1	TQ2	A1		05A	I2.COUNTER = 0	
05161		XA140	18		XA342	27				16B	9			TXC12A	02	TXC300	01	1	TQ2	B2		10A		
16968		XA342	27											TXC12A	03	TXC120	01	1	THI	B6		13B		
16969		XA327	72		XA342	26				16B	9			TXC120	01	TPS21A	01	3	TT3	F2		34A		
16970		XA342	26		XA142	43				16B	9			TXC120	02	TXC120	00	1	THI	B6		12B	COUNT #ZERO.I2-0	
16971		XA142	43											TXC120	03	TPS11A	01	2	TQ2	D3		23B		
16972		XA147	43		XA128	76				16B	9			TXC13A	01	TXC100	01	1	TS8	D1		23B		
16973		XA128	76											TXC13A	02	TXC13A	00	1	TS8	F1		37A	I2.C1*.C2*.C3.BY	
16974		XA144	45		XA147	56				16B	9			TXC14A	01	TXC14A	00	1	TD4	D2		24B	INFORMATION.I1.C	
16975		XA147	56											TXC14A	02	TXC100	01	8	TS8	D1		26A		
16976		XA142	01		XA147	54				16B	9			TXC15A	01	TXC15A	00	1	TQ2	A2		02B	C1*(COMMAND + EN	
16977		XA147	54											TXC15A	02	TXC100	01	7	TS8	D1		25A		
16978		XA147	48		XA142	33				16B	9			TXC16A	01	TXC100	01	3	TS8	D1		22A		
16979		XA142	33											TXC16A	02	TXC16A	00	1	TQ2	C3		16B	RTC OSC.SET LOGI	
16980		XA142	05		XA143	09				16B	9			TXC2BP	01	TXC15A	01	2	TQ2	A2		03B		
16981		XA143	09		XA144	49				16B	9			TXC2BP	02	TXC2BP	00	1	TDD	BP		04B	I/O COUNTER 2-RE	
16982		XA144	49		XA144	46				16B	9			TXC2BP	03	TXC11A	01	1	TD4	D1		26B		
16983		XA144	46		XA145	47				16B	9			TXC2BP	04	TXC14A	01	2	TD4	D2		21A		
16984		XA145	47		XA146	65				16B	9			TXC2BP	05	TXCA2A	01	2	TT3	D3		25B		
16985		XA146	65		XA128	75				16B	9			TXC2BP	06	TXC2C0	01	1	TQ2	F3		34B		
16987		XA128	75		XA206	26				16B	9			TXC2BP	08	TXC13A	01	5	TS8	F1		37B	C08	
16988		XA206	26		XA305	38				16B	9			TXC2BP	09	TSTR9A	01	3	TT3	B1		14A		
16989		XA305	38											TXC2BP	10	TI232A	01	2	TD4	C1		18A		
16986		XA128	66		XA147	26				16B	9			TXC2BQ	005	TER4AA	01	6	TS8	E1		31A		
16990		XA147	26		XA143	07				16B	9			TXC2BQ	01	TBD14A	01	8	TS8	B1		14A		
16991		XA143	07		XA114	07				16B	9			TXC2BQ	02	TXC2BQ	00	1	TDD	BQ		03A	I/O COUNTER 2-SE	
16992		XA114	07		XA116	76				16B	9			TXC2BQ	03	TI23XA	01	5	TS8	A1		03A		
16993		XA116	76		XA305	20				16B	9			TXC2BQ	04	TSTR8A	01	1	TQ2	F4		37A		
												****	SIGNAL	(TXC2BQ)	IS ON THE				NEXT PAGE	****				

DRAWING NUMBER 149019-800
 UNIT ASSEMBLY NAME CARD CAGE ASSY, I/O UNIT

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UNIT ASSEMBLY NO. 149019
 FILE IDENT T39BIUX2

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RECORD NUMBER	FROM				TO				WIRE				SIGNAL	SEC NO	EQU. TION	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												SPEC INST MISC
16994		XA305	20										TXC2BQ	05	TI22XA	01	4	TD4	B2		11A			
16995		XA141	07		XA145	70				16B	9		TXC2C0	01	TXC30A	01	2	TQ2	A3		03A			
16996		XA145	70		XA146	69				16B	9		TXC2C0	02	TXC7BA	01	3	TT3	E1		33A			
16997		XA146	69										TXC2C0	03	TXC2C0	00	1	TQ2	F3		35A	BYTE COUNTER 2 -		
16998		XA140	22		XA142	13				16B	9		TXC20A	01	TXC20A	00	1	TQ2	B1		12A	COUNT ONE.(I1+I2		
16999		XA142	13										TXC20A	02	TXC200	01	2	TQ2	A4		06B			
17000		XA143	05		XA142	15				16B	9		TXC200	01	TXC28I	01	1	TDD	BI		03B			
17001		XA142	15										TXC200	02	TXC200	00	1	TQ2	A4		07B	ORED DATA INPUT-		
17002		XA145	49		XA142	31				16B	9		TXC3BP	01	TXCAZA	01	3	TT3	D3		26B			
17003		XA142	31		XA143	23				16B	9		TXC3BP	02	TXC16A	01	2	TQ2	C3		15B			
17004		XA143	23										TXC3BP	03	TXC3BP	00	1	TDD	CP		11B	I/O COUNTER 3-RE		
17005		XA145	66		XA144	52				16B	9		TXC3BQ	01	TXC7BA	01	1	TT3	E1		31A			
17006		XA144	52		XA143	25				16B	9		TXC3BQ	02	TXC11A	01	2	TD4	D1		24A			
17007		XA143	25		XA136	43				16B	9		TXC3BQ	03	TXC3BQ	00	1	TDD	CQ		12B	I/O COUNTER 3-SE		
17008		XA136	43		XA128	70				16B	9		TXC3BQ	04	TENB2A	01	1	TD4	D2		23B			
17009		XA128	70		XA128	77				16B	9		TXC3BQ	05	TER4AA	01	8	TS8	E1		33A			
17010		XA128	77		XA114	04				16B	9		TXC3BQ	06	TXC13A	01	6	TS8	F1		38B		A01	
17011		XA114	04		XA305	40				16B	9		TXC3BQ	07	TI23XA	01	2	TS8	A1		04A			
17012		XA305	40										TXC3BQ	08	TI232A	01	3	TD4	C1		19A			
17013		XA141	09		XA140	20				16B	9		TXC30A	01	TXC30A	00	1	TQ2	A3		04B	COUNT 2 (I1+I2+I		
17014		XA140	20										TXC30A	02	TXC300	01	2	TQ2	B2		11A			
17015		XA140	14		XA143	24				16B	9		TXC300	01	TXC300	00	1	TQ2	B2		09A	ORED DATA IN (I1		
17016		XA143	24										TXC300	02	TXC3BI	01	1	TDD	CI		13A			
17017		XA145	64		XA141	13				16B	9		TXC7BA	01	TXC7BA	00	1	TT3	E1		30A	COUNT = 7- A		
17018		XA141	13										TXC7BA	02	TXC7B0	01	2	TQ2	A4		06B			
17019		XA206	37		XA133	77				16B	9		TXC7B0	01	TI213A	01	3	TT3	C3		18B			
17020		XA133	77		XA137	06				16B	9		TXC7B0	02	TTESAA	01	1	TQ2	F1		38B			
17021		XA137	06		XA141	15				16B	9		TXC7B0	03	TTESPA	01	1	TT3	A1		05A			
17022		XA141	15		XA146	19				16B	9		TXC7B0	04	TXC7B0	00	1	TQ2	A4		07B	COUNT = 7 -0		
17023		XA146	19										TXC7B0	05	TBK13A	01	2	TQ2	B3		09B			
17024		XA143	26		XA142	46				16B	9		TXK30A	01	TXC3BN	01	1	TDD	CN		14A			
17025		XA142	46										TXK30A	02	TXK30A	00	1	TQ2	D2		21A	COUNTER 3 CLK I1		
17026		XA146	64		XA140	75				16B	9		TOFRAA	01	TDE0F0	01	2	TQ2	E2		30A			
17027		XA140	75		XA122	38				16B	9		TOFRAA	02	TOFRAA	00	1	TQ2	F1		37B	OFR CMD		
17028		XA122	38										TOFRAA	03	TRCPU0	01	1	TT3	C1		18A			
17029		XA350	65		XA350	54				16B	9		TOFRA0	01	TS28FA	01	1	TQ2	F3		34B			
17030		XA350	54		XA350	07				16B	9		TOFRA0	02	TWT0FA	01	1	TQ2	D1		25A			
17031		XA350	07		XA246	76				16B	9		TOFRA0	03	TS22FA	01	2	TQ2	A3		03A			
													****	SIGNAL	TOFRA0						IS ON THE	NEXT PAGE	****	

DRAWING NUMBER 149019-800
UNIT ASSEMBLY NAME CARD CAGE ASSY, I/O UNIT

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UNIT ASSEMBLY NO. 149019
FILE IDENT T398IUX2

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RECORD NUMBER	FROM			TO			WIRE				SFC INET VALUE	SIGNAL	SEQ 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												
17032		XA246	76		XA246	74		16B	9			TOFRAO	04	TCPD3A	01	1	TQ2	F4	37A			
17033		XA246	74		XA141	45		16B	9			TOFRAO	05	TCPD2A	01	2	TQ2	F3	35B			
17034		XA141	45		XA112	36		16B	9			TOFRAO	06	TOFRAO	00	1	TQ2	D3	24B	OFR CMD		
17035		XA112	36		XA206	30		16B	9			TOFRAO	07	TES6AA	01	2	TQ2	C2	17A			
17036		XA206	30									TOFRAO	08	TI212A	01	2	TT3	C2	15A			
17037		XA140	55		XA140	59		16B	9			TOFRBO	01	TOFR1A	01	2	TQ2	E3	29B			
17038		XA140	59		XA140	62		16B	9			TOFRBO	02	TOFR2A	01	1	TQ2	E4	31B			
17039		XA140	62		XA140	79		16B	9			TOFRBO	03	TOFR0A	01	1	TQ2	E2	29A			
17040		XA140	79		XA340	03		16B	9			TOFRBO	04	TOFRAA	01	2	TQ2	F1	39B			
17041		XA340	03		XA443	69		16B	9			TOFRBO	05	TOFS1A	01	2	TT3	A2	02A			
08006		XA443	69		XA319	76		16B	9			TOFRBO	06	TOFRBO	00	1	TQ2	F3	35A			
17043		XA319	76									TOFRBO	07	TOFS2A	01	2	TT3	F3	37A			
17044		XA341	56		XA141	66		16B	9			TOFRDA	01	TS008A	01	2	TQ2	D1	26A			
17045		XA141	66									TOFRDA	02	TOFRDA	00	1	TQ2	E1	31A	SPEC OFR + DEV C		
17046		XA141	68		XA144	57		16B	9			TOFRDO	01	TOFRDA	01	1	TQ2	E1	32A			
17047		XA144	57		XA350	73		16B	9			TOFRDO	02	TOFRDO	00	1	TD4	E2	30B	SPECIAL OFR + A		
17048		XA350	73									TOFRDO	03	TS271A	01	2	TQ2	F2	36B			
17049		XA230	65		XA140	60		16B	9			TOFR0A	01	TOFR00	01	1	TQ2	F3	34B			
17050		XA140	60		XA144	62		16B	9			TOFR0A	02	TOFR0A	00	1	TQ2	E2	28A	OFR TO ADDRESS Z		
17051		XA144	62									TOFR0A	03	TOFRDO	01	3	TD4	E2	29A			
17052		XA350	76		XA230	69		16B	9			TOFR00	01	TS29FA	01	1	TQ2	F4	37A			
17053		XA230	69									TOFR00	02	TOFR00	00	1	TQ2	F3	35A	OFR TO ADDRESS ZE		
17054		XA144	60		XA140	57		16B	9			TOFR1A	01	TOFRDO	01	2	TD4	E2	28A			
17055		XA140	57									TOFR1A	02	TOFR1A	00	1	TQ2	E3	30B	OFR ADD 01-S28		
17056		XA140	63		XA144	55		16B	9			TOFR2A	01	TOFR2A	00	1	TQ2	E4	33B	OFR ADD 02-S28		
17057		XA144	55									TOFR2A	02	TOFRDO	01	1	TD4	E2	29B			
17058		XA335	37		XA335	25		16B	9			TOFS1A	01	KOR130	01	2	TQ2	C4	18B			
17059		XA335	25		XA335	13		16B	9			TOFS1A	02	KOR120	01	2	TQ2	B4	12B			
17060		XA335	13		XA340	07		16B	9			TOFS1A	03	KOR110	01	2	TQ2	A4	06B			
17061		XA340	07									TOFS1A	04	TOFS1A	00	1	TT3	A2	03A	IOC STEP MODE .S		
04221		XA210	55		XA225	19		16B	9			TOFS2A	00M	TINHA0	01	2	TQ2	E3	29B		C10	
17062		XA225	19		XA225	25		16B	9			TOFS2A	01	KOR220	01	2	TQ2	B3	09B			
17063		XA225	25		XA225	36		16B	9			TOFS2A	02	KOR210	01	2	TQ2	B4	12B			
17064		XA225	36		XA319	80		16B	9			TOFS2A	03	KOR230	01	2	TQ2	C2	17A			
17065		XA319	80									TOFS2A	04	TOFS2A	00	1	TT3	F3	39A	WRITE CONTROL PA		
01285		XA336	47		XA336	48		16B	9			TOSCAA	01				OSC					
20528		XA336	48		XA336	60		16B	9			TOSCAA	02				OSC	16				
01294		XA336	60									TOSCAA	03				OSC					
20529		XA238	72		XA336	51		16B	9			TOSCAO	01	TK00BN	01	1	TDD	MN	34A			
								****	SIGNAL			(TOSCAO)		IS ON THE					****			

DRAWING NUMBER 149019-800
 UNIT ASSEMBLY NAME CARD CAGE ASSY, I/O UNIT

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UNIT ASSEMBLY NO. 149019
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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	LOC	PREFIX	CONNECTOR	PIN	REF ID	MULTI GROUP	CODE	COLOR	IDENT											
01287		XA336	51										TOSCA0	02				OSC					
01289		XA336	54		XA339	10				16B	9		TOSCG0	01				OSC					
20530		XA339	10										TOSCG0	02	TK01BN	01	1	TDD	AN		07A		
17066		XA231	09		XA111	08				16B	9		T0001A	01	T0001A	00	1	TQ2	A3		04B	PARITY 0.1	
17067		XA111	08		XA110	01				16B	9		T0001A	02	T010P0	01	1	TQ2	A1		06A		
17068		XA110	01										T0001A	03	T0300A	01	1	TT3	A2		02B		
17069		XA209	17		XA111	70				16B	9		T0003A	01	T0700A	01	2	TT3	B2		08B		
17070		XA111	70		XA110	04				16B	9		T0003A	02	T003P0	01	2	TQ2	E1		33A		
17071		XA110	04										T0003A	03	T0003A	00	1	TT3	A1		04A	0.1 EVEN 2.3 ODD	
17072		XA110	76		XA109	77				16B	9		T0007A	01	T1500A	01	2	TT3	F3		37A		
17073		XA109	77		XA209	20				16B	9		T0007A	02	T007P0	01	1	TQ2	F1		38B		
17074		XA209	20										T0007A	03	T0007A	00	1	TT3	B1		11A	0-3 ODD 4-7 EVEN	
17075		XA112	24		XA108	54				16B	9		T0015A	01	T015P0	01	1	TQ2	B1		13A		
17076		XA108	54		XA110	74				16B	9		T0015A	02	T3100A	01	2	TT3	D1		25A		
17077		XA110	74										T0015A	03	T0015A	00	1	TT3	F2		35B	0-7 ODD 8-15 EVE	
17078		XA209	22		XA111	66				16B	9		T003P0	01	T0007A	01	1	TT3	B1		12A		
17079		XA111	66										T003P0	02	T003P0	00	1	TQ2	E1		31A	ODD PARITY 0-3	
17080		XA325	74		XA112	78				16B	9		T0031A	01	TPEMAA	01	4	TD4	F2		35B		
17081		XA112	78		XA110	73				16B	9		T0031A	02	T03P10	01	2	TQ2	F4		38A		
17082		XA110	73		XA206	25				16B	9		T0031A	03	T0031A	00	1	TT3	F1		36B	0-15 ODD 16-31 E	
17083		XA206	25										T0031A	04	TMPB2A	01	3	TT3	B3		12B	SIGNAL RETURN	
17084		XA109	75		XA110	71				16B	9		T007P0	01	T007P0	00	1	TQ2	F1		37B	ODD PARITY 0-7	
17085		XA110	71										T007P0	02	T0015A	01	2	TT3	F2		36A		
17086		XA111	06		XA110	06				16B	9		T010P0	01	T010P0	00	1	TQ2	A1		05A	EVEN PARITY 0-1	
17087		XA110	06										T010P0	02	T0003A	01	1	TT3	A1		05A		
17088		XA110	03		XA111	10				16B	9		T0100A	01	T0300A	01	2	TT3	A2		02A		
17089		XA111	10		XA231	15				16B	9		T0100A	02	T010P0	01	2	TQ2	A1		07A		
17090		XA231	15										T0100A	03	T0100A	00	1	TQ2	A4		07B	PARITY 0*.1*	
17091		XA111	14		XA110	21				16B	9		T011P0	01	T011P0	00	1	TQ2	B2		09A	EVEN PARITY 10-1	
17092		XA110	21										T011P0	02	T1108A	01	1	TT3	B3		10B		
17093		XA112	22		XA110	75				16B	9		T015P0	01	T015P0	00	1	TQ2	B1		12A	ODD PARITY 0-15	
17094		XA110	75										T015P0	02	T0031A	01	1	TT3	F1		37B		
17095		XA231	21		XA110	10				16B	9		T0203A	01	T0203A	00	1	TQ2	B3		10B	PARITY 2.3	
17096		XA110	10		XA111	05				16B	9		T0203A	02	T0003A	01	3	TT3	A1		07A		
17097		XA111	05										T0203A	03	T203P0	01	2	TQ2	A2		03B		
17098		XA111	33		XA110	41				16B	9		T021P0	01	T021P0	00	1	TQ2	C3		16B	EVEN PARITY 20-2	
										****	SIGNAL		T021P0		IS ON THE			NEXT PAGE		****			

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RECORD NUMBER	FROM				TO				WIRE				SIGNAL	SEQ NO	EQUATION	TERM	FACTOR	CKT OR CHIP TYPE	GROUP	LOAD OR POWER PLANE	TEST POINTS AND/OR	SIGNAL DESCRIPTION	ECO NO
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17099		XA110	41										T021P0	02	T2023A	01	1	TT3	D2		22B		
17100		XA209	37		XA111	72			16B	9			T023P0	01	T2316A	01	3	TT3	C3		18B		
17101		XA111	72										T023P0	02	T023P0	00	1	TQ2	F2		34A	ODD PARITY 20-23	
17102		XA112	80		XA315	61			16B	9			T03P10	01	T03P10	00	1	TQ2	F4		39A	ODD PARITY 0-31	
17103		XA315	61										T03P10	02	TPEMBA	01	3	TT3	E3		32B		
17104		XA209	18		XA111	68			16B	9			T0300A	01	T0700A	01	3	TT3	B2		10A		
17105		XA111	68		XA110	07			16B	9			T0300A	02	T003P0	01	1	TQ2	E1		32A		
17106		XA110	07										T0300A	03	T0300A	00	1	TT3	A2		03A	2.3 EVEN 0.1 ODD	
17107		XA231	27		XA111	04			16B	9			T0302A	01	T0302A	00	1	TQ2	B4		13B	PARITY 2*.3*	
17108		XA111	04		XA110	08			16B	9			T0302A	02	T203P0	01	1	TQ2	A2		04A		
17109		XA110	08										T0302A	03	T0003A	01	2	TT3	A1		06A		
17110		XA108	61		XA111	51			16B	9			T031P0	01	T3128A	01	3	TT3	E3		32B		
17111		XA111	51										T031P0	02	T031P0	00	1	TQ2	D4		27B	EVEN PARITY 30-3	
17112		XA231	33		XA110	24			16B	9			T0405A	01	T0405A	00	1	TQ2	C3		16B	PARITY 4-5	
17113		XA110	24		XA111	07			16B	9			T0405A	02	T0704A	01	2	TT3	B1		13A		
17114		XA111	07										T0405A	03	T405P0	01	2	TQ2	A3		03A		
17115		XA209	26		XA111	62			16B	9			T0407A	01	T0007A	01	3	TT3	B1		14A		
17116		XA111	62		XA110	15			16B	9			T0407A	02	T407P0	01	1	TQ2	E2		29A		
17117		XA110	15										T0407A	03	T0407A	00	1	TT3	A3		07B	4.5 EVEN 6.7 ODD	
17118		XA231	39		XA110	26			16B	9			T0504A	01	T0504A	00	1	TQ2	C4		19B	PARITY 4*.5*	
17119		XA110	26		XA111	03			16B	9			T0504A	02	T0704A	01	3	TT3	B1		14A		
17120		XA111	03										T0504A	03	T405P0	01	1	TQ2	A3		02A		
17121		XA110	11		XA111	11			16B	9			T0607A	01	T0407A	01	2	TT3	A3		05B		
17122		XA111	11		XA231	45			16B	9			T0607A	02	T607P0	01	1	TQ2	A4		05B		
17123		XA231	45										T0607A	03	T0607A	00	1	TQ2	O3		24B	PARITY 6-7	
17124		XA209	19		XA109	79			16B	9			T0700A	01	T0700A	00	1	TT3	B2		09B	0-3 EVEN 4-7 ODD	
17125		XA109	79		XA110	78			16B	9			T0700A	02	T007P0	01	2	TQ2	F1		39B		
17126		XA110	78										T0700A	03	T1500A	01	3	TT3	F3		38A		
17127		XA110	20		XA111	64			16B	9			T0704A	01	T0704A	00	1	TT3	B1		11A	6.7 EVEN 4-5 ODD	
17128		XA111	64		XA209	24			16B	9			T0704A	02	T407P0	01	2	TQ2	E2		30A		
17129		XA209	24										T0704A	03	T0007A	01	2	TT3	B1		13A		
17130		XA110	13		XA111	13			16B	9			T0706A	01	T0407A	01	3	TT3	A3		06B		
17131		XA111	13		XA231	51			16B	9			T0706A	02	T607P0	01	2	TQ2	A4		06B		
17132		XA231	51										T0706A	03	T0706A	00	1	TQ2	D4		27B	PARITY 6*.7*	
17133		XA110	25		XA111	26			16B	9			T0809A	01	T1108A	01	3	TT3	B3		12B		
17134		XA111	26		XA231	57			16B	9			T0809A	02	T809P0	01	2	TQ2	B1		14A		
17135		XA231	57										T0809A	03	T0809A	00	1	TQ2	E3		30B	PARITY 8-9	

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17136		XA110	19		XA111	55					16B 9		T0811A	01	T0811A	00 1	TT3 B2		09B	8.9 EVEN 10.11		
17137		XA111	55		XA209	42					16B 9		T0811A	02	T811P0	01 2	TQ2 E3		29B			
17138		XA209	42										T0811A	03	T1508A	01 3	TT3 C1		20A			
17139		XA110	65		XA109	73					16B 9		T0815A	01	T0015A	01 1	TT3 F2		34B			
17140		XA109	73		XA209	27					16B 9		T0815A	02	T815P0	01 2	TQ2 F2		36B			
17141		XA209	27										T0815A	03	T0815A	00 1	TT3 B3		13B	8-11 ODD 12-15 E		
17142		XA110	23		XA111	24					16B 9		T0908A	01	T1108A	01 2	TT3 B3		11B			
17143		XA111	24		XA231	63					16B 9		T0908A	02	T809P0	01 1	TQ2 B1		13A			
17144		XA231	63										T0908A	03	T0908A	00 1	TQ2 E4		33B	PARITY 8*.9*		
17145		XA110	14		XA111	20					16B 9		T1011A	01	T0811A	01 1	TT3 B2		09A			
17146		XA111	20		XA231	69					16B 9		T1011A	02	T011P0	01 2	TQ2 B2		11A			
17147		XA231	69										T1011A	03	T1011A	00 1	TQ2 F3		35A	PARITY 10.11		
17148		XA110	27		XA111	53					16B 9		T1108A	01	T1108A	00 1	TT3 B3		13B	10.11 EVEN 8.9 O		
17149		XA111	53		XA209	40					16B 9		T1108A	02	T811P0	01 1	TQ2 E3		28B			
17150		XA209	40										T1108A	03	T1508A	01 2	TT3 C1		19A			
17151		XA231	80		XA111	18					16B 9		T1110A	01	T1110A	00 1	TQ2 F4		39A	PARITY 10*.11*		
17152		XA111	18		XA110	17					16B 9		T1110A	02	T011P0	01 1	TQ2 B2		10A			
17153		XA110	17										T1110A	03	T0811A	01 2	TT3 B2		08B			
17154		XA224	01		XA110	34					16B 9		T1213A	01	T1213A	00 1	TQ2 A2		02B	PARITY 12.13		
17155		XA110	34		XA111	19					16B 9		T1213A	02	T1512A	01 3	TT3 C2		16A			
17156		XA111	19										T1213A	03	T213P0	01 2	TQ2 B3		09B			
17157		XA209	21		XA111	61					16B 9		T1215A	01	T0815A	01 1	TT3 B3		10B			
17158		XA111	61		XA110	36					16B 9		T1215A	02	T215P0	01 2	TQ2 E4		32B			
17159		XA110	36										T1215A	03	T1215A	00 1	TT3 C1		17A	12.13 EVEN 14.15		
17160		XA224	06		XA110	30					16B 9		T1312A	01	T1312A	00 1	TQ2 A1		05A	PARITY 12*.13*		
17161		XA110	30		XA111	17					16B 9		T1312A	02	T1512A	01 2	TT3 C2		15A			
17162		XA111	17										T1312A	03	T213P0	01 1	TQ2 B3		08B			
17163		XA111	25		XA110	42					16B 9		T1415A	01	T415P0	01 2	TQ2 B4		12B			
17164		XA110	42		XA224	22					16B 9		T1415A	02	T1215A	01 3	TT3 C1		20A			
17165		XA224	22										T1415A	03	T1415A	00 1	TQ2 B1		12A	PARITY 14-15		
17166		XA112	26		XA108	52					16B 9		T1500A	01	T015P0	01 2	TQ2 B1		14A			
17167		XA108	52		XA110	80					16B 9		T1500A	02	T3100A	01 1	TT3 D1		24A			
17168		XA110	80										T1500A	03	T1500A	00 1	TT3 F3		39A	0-7 EVEN 8-15 ODD		
17169		XA209	36		XA109	71					16B 9		T1508A	01	T1508A	00 1	TT3 C1		17A	8-11 EVEN 12-15		
17170		XA109	71		XA110	72					16B 9		T1508A	02	T815P0	01 1	TQ2 F2		36A			
17171		XA110	72										T1508A	03	T0015A	01 3	TT3 F2		34A			
													****	SIGNAL	(T1512A)	IS ON THE	NEXT PAGE	****				

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17172		XA110	31		XA111	59				16B	9		T1512A	01	T1512A	00	1	TT3	C2	15B	12.13 ODD 14.15		
17173		XA111	59		XA209	23				16B	9		T1512A	02	T215P0	01	1	TQ2	E4	31B			
17174		XA209	23										T1512A	03	T0815A	01	2	TT3	B3	11B			
17175		XA224	14		XA110	40				16B	9		T1514A	01	T1514A	00	1	TQ2	B2	09A	PARITY 14*.15*		
17176		XA110	40		XA111	23				16B	9		T1514A	02	T1215A	01	2	TT3	C1	19A			
17177		XA111	23										T1514A	03	T415P0	01	1	TQ2	B4	11B			
17178		XA111	40		XA110	54				16B	9		T1617A	01	T617P0	01	1	TQ2	C1	19A	PARITY 16.17		
17179		XA110	54		XA224	30				16B	9		T1617A	02	T1916A	01	2	TT3	D1	25A			
17180		XA224	30										T1617A	03	T1617A	00	1	TQ2	C2	15A			
17181		XA110	39		XA111	77				16B	9		T1619A	01	T1619A	00	1	TT3	C3	19B	16.17 EVEN 18.19		
17182		XA111	77		XA209	33				16B	9		T1619A	02	T619P0	01	1	TQ2	F1	38B			
17183		XA209	33										T1619A	03	T2316A	01	1	TT3	C3	16B			
17184		XA108	53		XA109	65				16B	9		T1623A	01	T3116A	01	1	TT3	E2	28B	16-19 ODD 20-23		
17185		XA109	65		XA209	31				16B	9		T1623A	02	T623P0	01	1	TQ2	F3	34B			
17186		XA209	31										T1623A	03	T1623A	00	1	TT3	C2	15B			
17187		XA110	79		XA109	64				16B	9		T1631A	01	T0031A	01	3	TT3	F1	39B	16-23 ODD 24-31		
17188		XA109	64		XA108	64				16B	9		T1631A	02	T631P0	01	2	TQ2	E2	30A			
17189		XA108	64										T1631A	03	T1631A	00	1	TT3	E1	30A			
17190		XA111	42		XA110	56				16B	9		T1716A	01	T617P0	01	2	TQ2	C1	20A	PARITY 16*.17*		
17191		XA110	56		XA224	38				16B	9		T1716A	02	T1916A	01	3	TT3	D1	26A			
17192		XA224	38										T1716A	03	T1716A	00	1	TQ2	C1	18A			
17193		XA110	33		XA111	34				16B	9		T1819A	01	T1619A	01	1	TT3	C3	16B	PARITY 18.19		
17194		XA111	34		XA225	51				16B	9		T1819A	02	T819P0	01	1	TQ2	C2	16A			
17195		XA225	51										T1819A	03	T1819A	00	1	TQ2	D4	27B			
17196		XA209	35		XA111	79				16B	9		T1916A	01	T2316A	01	2	TT3	C3	17B	16.17 ODD 18.19		
17197		XA111	79		XA110	50				16B	9		T1916A	02	T619P0	01	2	TQ2	F1	39B			
17198		XA110	50										T1916A	03	T1916A	00	1	TT3	D1	23A			
17199		XA110	35		XA111	36				16B	9		T1918A	01	T1619A	01	2	TT3	C3	17B	PARITY 18*.19*		
17200		XA111	36		XA225	45				16B	9		T1918A	02	T819P0	01	2	TQ2	C2	17A			
17201		XA225	45										T1918A	03	T1918A	00	1	TQ2	D3	24B			
17202		XA111	31		XA110	45				16B	9		T2021A	01	T021P0	01	2	TQ2	C3	15B	PARITY 20.21		
17203		XA110	45		XA225	63				16B	9		T2021A	02	T2320A	01	1	TT3	D3	24B			
17204		XA225	63										T2021A	03	T2021A	00	1	TQ2	E4	33B			
17205		XA110	43		XA111	71				16B	9		T2023A	01	T2023A	00	1	TT3	D2	23B	20.21 EVEN 22.23		
17206		XA111	71		XA209	30				16B	9		T2023A	02	T023P0	01	1	TQ2	F2	36A			
17207		XA209	30										T2023A	03	T1623A	01	2	TT3	C2	15A			
17208		XA111	01		XA110	05				16B	9		T203P0	01	T203P0	00	1	TQ2	A2	02B	ODD PARITY 2.3		
17209		XA110	05										T203P0	02	T0300A	01	3	TT3	A2	03B			

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	PREFIX	CONNECTOR	PIN	IN P.O.	PREFIX	CONNECTOR	PIN	IN P.O.	NE	MULTI GROUP	CODE	COLOR											
17210		XA225	57		XA110	47				16B	9		T2120A	01	T2120A	00	1	TQ2	E3		30B	PARITY 20*.21*	
17211		XA110	47		XA111	29				16B	9		T2120A	02	T2320A	01	2	TT3	D3		25B		
17212		XA111	29										T2120A	03	T021P0	01	1	TQ2	C3		14B		
17213		XA111	21		XA110	38				16B	9		T213P0	01	T213P0	00	1	TQ2	B3		10B	EVEN PARITY 12-1	
17214		XA110	38										T213P0	02	T1215A	01	1	TT3	C1		18A		
17215		XA209	38		XA111	63				16B	9		T215P0	01	T1508A	01	1	TT3	C1		18A		
17216		XA111	63										T215P0	02	T215P0	00	1	TQ2	E4		33B	ODD PARITY 12-15	
17217		XA225	80		XA110	46				16B	9		T2223A	01	T2223A	00	1	TQ2	F4		39A	PARITY 22.23	
17218		XA110	46		XA111	37				16B	9		T2223A	02	T2023A	01	2	TT3	D2		21A		
17219		XA111	37										T2223A	03	T223P0	01	2	TQ2	C4		18B		
17220		XA111	39		XA110	49				16B	9		T223P0	01	T223P0	00	1	TQ2	C4		19B	EVEN PARITY 22-2	
17221		XA110	49										T223P0	02	T2320A	01	3	TT3	D3		26B		
17222		XA108	60		XA109	74				16B	9		T2316A	01	T3116A	01	2	TT3	E2		28A		
17223		XA109	74		XA209	39				16B	9		T2316A	02	T623P0	01	2	TQ2	F3		35B		
17224		XA209	39										T2316A	03	T2316A	00	1	TT3	C3		19B	16-19 ODD 20-23	
17225		XA110	51		XA111	73				16B	9		T2320A	01	T2320A	00	1	TT3	D3		27B	20.21 ODD 22.23	
17226		XA111	73		XA209	34				16B	9		T2320A	02	T023P0	01	2	TQ2	F2		36B		
17227		XA209	34										T2320A	03	T1623A	01	3	TT3	C2		16A		
17228		XA225	69		XA110	48				16B	9		T2322A	01	T2322A	00	1	TQ2	F3		35A	PARITY 2*.23*	
17229		XA110	48		XA111	35				16B	9		T2322A	02	T2023A	01	3	TT3	D2		22A		
17230		XA111	35										T2322A	03	T223P0	01	1	TQ2	C4		17B		
17231		XA219	09		XA111	56				16B	9		T2425A	01	T2425A	00	1	TQ2	A3		04B	PARITY 24.25	
17232		XA111	56		XA110	60				16B	9		T2425A	02	T425P0	01	2	TQ2	D1		26A		
17233		XA110	60										T2425A	03	T2724A	01	2	TT3	E2		28A		
17234		XA209	46		XA110	64				16B	9		T2427A	01	T3124A	01	2	TT3	D2		21A		
17235		XA110	64		XA111	65				16B	9		T2427A	02	T2427A	00	1	TT3	E1		30A	24.25 EVEN 26.27	
17236		XA111	65										T2427A	03	T427P0	01	1	TQ2	F3		34B		
17237		XA108	66		XA109	78				16B	9		T2431A	01	T1631A	01	1	TT3	E1		31A		
17238		XA109	78		XA209	50				16B	9		T2431A	02	T431P0	01	2	TQ2	F4		38A		
17239		XA209	50										T2431A	03	T2431A	00	1	TT3	D1		23A	24.27 ODD 28-31	
17240		XA111	54		XA110	62				16B	9		T2524A	01	T425P0	01	1	TQ2	D1		25A		
17241		XA110	62		XA219	15				16B	9		T2524A	02	T2724A	01	3	TT3	E2		29A		
17242		XA219	15										T2524A	03	T2524A	00	1	TQ2	A4		07B	PARITY 24*.25*	
17243		XA111	48		XA110	68				16B	9		T2627A	01	T627P0	01	1	TQ2	D2		22A		
17244		XA110	68		XA219	21				16B	9		T2627A	02	T2427A	01	2	TT3	E1		32A		
17245		XA219	21										T2627A	03	T2627A	00	1	TQ2	B3		10B	PARITY 26.27	

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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	OR	MULTI GROUP	CODE	COLOR	IDENT											
17246		XA209	48		XA111	74			168	9		T2724A	01	T3124A	01	3	TT3	D2	22A			
17247		XA111	74		XA110	55			168	9		T2724A	02	T427P0	01	2	TQ2	F3	35B			
17248		XA110	55									T2724A	03	T2724A	00	1	TT3	E2	29B	24.25 ODD	26.27	
17249		XA219	27		XA110	70			168	9		T2726A	01	T2726A	00	1	TQ2	B4	13B	PARITY 26*.27*		
17250		XA110	70		XA111	50			168	9		T2726A	02	T2427A	01	3	TT3	E1	33A			
17251		XA111	50									T2726A	03	T627P0	01	2	TQ2	D2	23A			
17252		XA108	59		XA111	43			168	9		T2829A	01	T3128A	01	2	TT3	E3	31B			
17253		XA111	43		XA219	33			168	9		T2829A	02	T829P0	01	2	TQ2	D3	23B			
17254		XA219	33									T2829A	03	T2829A	00	1	TQ2	C3	16B	PARITY 28.29		
17255		XA110	63		XA111	76			168	9		T2831A	01	T2831A	00	1	TT3	E3	33B	29.29 EVEN	30.31	
17256		XA111	76		XA209	56			168	9		T2831A	02	T831P0	01	1	TQ2	F4	37A			
17257		XA209	56									T2831A	03	T2431A	01	3	TT3	D1	26A			
17258		XA108	57		XA111	41			168	9		T2928A	01	T3128A	01	1	TT3	E3	30B			
17259		XA111	41		XA219	39			168	9		T2928A	02	T829P0	01	1	TQ2	D3	22B			
17260		XA219	39									T2928A	03	T2928A	00	1	TQ2	C4	19B	PARITY 28*.29*		
17261		XA111	49		XA110	59			168	9		T3031A	01	T031P0	01	2	TQ2	D4	26B			
17262		XA110	59		XA219	45			168	9		T3031A	02	T2831A	01	2	TT3	E3	31B			
17263		XA219	45									T3031A	03	T3031A	00	1	TQ2	D3	24B	PARITY 30.31		
17264		XA325	73		XA206	23			168	9		T3100A	01	TPEMAA	01	3	TD4	F2	36B			
17265		XA206	23		XA112	76			168	9		T3100A	02	TMPB2A	01	2	TT3	B3	11B			
17266		XA112	76		XA108	50			168	9		T3100A	03	T03P10	01	1	TQ2	F4	37A			
17267		XA108	50									T3100A	04	T3100A	00	1	TT3	D1	23A	0-15 EVEN	16-31	
17268		XA110	77		XA109	62			168	9		T3116A	01	T0031A	01	2	TT3	F1	38B			
17269		XA109	62		XA108	55			168	9		T3116A	02	T631P0	01	1	TQ2	E2	29A			
17270		XA108	55									T3116A	03	T3116A	00	1	TT3	E2	29B	16-23 EVEN	24-31	
17271		XA108	68		XA109	76			168	9		T3124A	01	T1631A	01	2	TT3	E1	32A			
17272		XA109	76		XA209	43			168	9		T3124A	02	T431P0	01	1	TQ2	F4	37A			
17273		XA209	43									T3124A	03	T3124A	00	1	TT3	D2	23B	24-27 EVEN	28-31	
17274		XA108	63		XA111	78			168	9		T3128A	01	T3128A	00	1	TT3	E3	33B	28.29 ODD	30-31	
17275		XA111	78		XA209	54			168	9		T3128A	02	T831P0	01	2	TQ2	F4	38A			
17276		XA209	54									T3128A	03	T2431A	01	2	TT3	D1	25A			
17277		XA219	51		XA110	57			168	9		T3130A	01	T3130A	00	1	TQ2	D4	27B	PARITY 30*.31*		
17278		XA110	57		XA111	47			168	9		T3130A	02	T2831A	01	1	TT3	E3	30B			
17279		XA111	47									T3130A	03	T031P0	01	1	TQ2	D4	25B			
17280		XA111	09		XA110	09			168	9		T405P0	01	T405P0	00	1	TQ2	A3	04B	PARITY 4-5 EVEN		
17281		XA110	09									T405P0	02	T0407A	01	1	TT3	A3	04B			
												****	SIGNAL	(T407P0)	IS ON THE	NEXT PAGE	****					

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RECORD NUMBER	FROM				TO				WIRE				SIGNAL	SEC NO	EQU. TION	TERM	FACTOR	CKT OR CHIP TYPE	GROUP	LOAD OR POWER PLANE	TEST POINTS AND/OR	SIGNAL DESCRIPTION	ECO NO
	PREFIX	CONNECTOR	PIN	REF ID	PREFIX	CONNECTOR	PIN	REF ID	MULTI GROUP	CODE	COLOR	IDENT											
17282		XA209	14			XA111	60						T407P0	01	T0700A	01	1	TT3	B2	09A	ODD PARITY 4-7		
17283		XA111	60										T407P0	02	T407P0	00	1	TQ2	E2	28A			
17284		XA110	29			XA111	27						T415P0	01	T1512A	01	1	TT3	C2	14B	EVEN PARITY 14-1		
17285		XA111	27										T415P0	02	T415P0	00	1	TQ2	B4	13B			
17286		XA111	52			XA110	66						T425P0	01	T425P0	00	1	TQ2	D1	24A	EVEN PARITY 24-2		
17287		XA110	66										T425P0	02	T2427A	01	1	TT3	E1	31A			
17288		XA209	52			XA111	69						T427P0	01	T2431A	01	1	TT3	D1	24A	ODD PARITY 24-27		
17289		XA111	69										T427P0	02	T427P0	00	1	TQ2	F3	35A			
17290		XA108	62			XA109	80						T431P0	01	T3116A	01	3	TT3	E2	29A	ODD PARITY 24-31		
17291		XA109	80										T431P0	02	T431P0	00	1	TQ2	F4	39A			
17292		XA111	15			XA110	22						T607P0	01	T607P0	00	1	TQ2	A4	07B	EVEN PARITY 6-7		
17293		XA110	22										T607P0	02	T0704A	01	1	TT3	B1	12A			
17294		XA111	38			XA110	37						T617P0	01	T617P0	00	1	TQ2	C1	18A	EVEN PARITY 16-1		
17295		XA110	37										T617P0	02	T1619A	01	3	TT3	C3	18B			
17296		XA209	29			XA111	75						T619P0	01	T1623A	01	1	TT3	C2	14B	ODD PARITY 16-19		
17297		XA111	75										T619P0	02	T619P0	00	1	TQ2	F1	37B			
17298		XA108	70			XA109	69						T623P0	01	T1631A	01	3	TT3	E1	33A	ODD PARITY 16-23		
17299		XA109	69										T623P0	02	T623P0	00	1	TQ2	F3	35A			
17300		XA111	46			XA110	53						T627P0	01	T627P0	00	1	TQ2	D2	21A	EVEN PARITY 26-2		
17301		XA110	53										T627P0	02	T2724A	01	1	TT3	E2	28B			
17302		XA108	56			XA109	60						T631P0	01	T3100A	01	3	TT3	D1	26A	ODD PARITY 16-31		
17303		XA109	60										T631P0	02	T631P0	00	1	TQ2	E2	28A			
17304		XA110	18			XA111	22						T809P0	01	T0811A	01	3	TT3	B2	10A	EVEN PARITY 8-9		
17305		XA111	22										T809P0	02	T809P0	00	1	TQ2	B1	12A			
17306		XA209	25			XA111	57						T811P0	01	T0815A	01	3	TT3	B3	12B	ODD PARITY 8-11		
17307		XA111	57										T811P0	02	T811P0	00	1	TQ2	E3	30B			
17308		XA109	72			XA110	69						T815P0	01	T815P0	00	1	TQ2	F2	34A	ODD PARITY 8-15		
17309		XA110	69										T815P0	02	T1500A	01	1	TT3	F3	35A			
17310		XA110	52			XA111	30						T819P0	01	T1916A	01	1	TT3	D1	24A	EVEN PARITY 18-1		
17311		XA111	30										T819P0	02	T819P0	00	1	TQ2	C2	15A			
17312		XA111	45			XA110	61						T829P0	01	T829P0	00	1	TQ2	D3	24B	EVEN PARITY 28-2		
17313		XA110	61										T829P0	02	T2831A	01	3	TT3	E3	32B			
17314		XA209	41			XA111	80						T831P0	01	T3124A	01	1	TT3	D2	22B	ODD PARITY 28-31		
17315		XA111	80										T831P0	02	T831P0	00	1	TQ2	F4	39A			

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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	REF	PREFIX	CONNECTOR	PIN	REF	MULTI GROUP	CODE	COLOR	IDENT												
20533		XA203	73		XA410	29				16B	9		UICPEB4	00C				EXT						
17316		XA410	29		XA428	20				16B	9		UICPEB4	01				RR4	C5					
17317		XA428	20										UICPEB4	02	UICPE0	01	1	THI	B3			10A		
17318		XA426	79		XA428	18				16B	9		UICPE0	01	TICPEA	01	1	THI	F1			39B		
17319		XA428	18										UICPE0	02	UICPE0	00	1	THI	B3			09A	CTS INH PARITY ERR	
20534		XA203	65		XA411	29				16B	9		UICRTB4	00C				EXT						
17320		XA411	29		XA428	73				16B	9		UICRTB4	01				RR4	C5					
17321		XA428	73										UICRTB4	02	UICRTO	01	1	THI	F2			37B		
17322		XA428	71		XA205	22				16B	9		UICRTO	01	UICRTO	00	1	THI	F2			36B	CTS RD IOU STAT RE	
17323		XA205	22										UICRTO	02	TICRTA	01	1	THI	B1			14A		
20535		XA203	69		XA410	25				16B	9		UICSCB4	00C				EXT						
17324		XA410	25		XA428	33				16B	9		UICSCB4	01				RR4	C4					
17325		XA428	33										UICSCB4	02	UICSCO	01	1	THI	C5			17B		
17326		XA426	73		XA428	31				16B	9		UICSCO	01	TICSCA	01	1	THI	F2			37B		
17327		XA428	31										UICSCO	02	UICSCO	00	1	THI	C5			16B		
20536		XA203	67		XA411	42				16B	9		UICSMB4	00C				EXT						
17328		XA411	42		XA428	38				16B	9		UICSMB4	01				RR4	D1					
17329		XA428	38										UICSMB4	02	UICSMO	01	1	THI	C1			20A		
17330		XA428	40		XA341	08				16B	9		UICSMO	01	UICSMO	00	1	THI	C1			19A	CTS IOC STEP MODE	
17331		XA341	08		XA341	07				16B	9		UICSMO	02	TK000A	01	1	TQ2	A1			06A		
17332		XA341	07		XA339	05				16B	9		UICSMO	03	TK011A	01	2	TQ2	A3			03A		
17333		XA339	05		XA213	27				16B	9		UICSMO	04	TKICB1	01	1	TDD	B1			03B		
17334		XA213	27										UICSMO	05	TICSMA	01	1	THI	B6			13B		
20537		XA203	71		XA410	42				16B	9		UICSSB4	00C				EXT						
17335		XA410	42		XA428	27				16B	9		UICSSB4	01				RR4	D1					
17336		XA428	27										UICSSB4	02	UICSSO	01	1	THI	B6			13B		
17337		XA341	10		XA428	26				16B	9		UICSSO	01	TK000A	01	2	TQ2	A1			07A		
17338		XA428	26										UICSSO	02	UICSSO	00	1	THI	B6			12B	CTS STEP MODE PULS	
20538		XA203	61		XA411	46				16B	9		UICTAB4	00C				EXT						
17339		XA411	46		XA428	79				16B	9		UICTAB4	01				RR4	D2					
17340		XA428	79										UICTAB4	02	UICTAO	01	1	THI	F1			39B		
17341		XA406	17		XA428	80				16B	9		UICTAO	01	TICTAA	01	1	THI	B4			09B		
17342		XA428	80										UICTAO	02	UICTAO	00	1	THI	F1			38B	CTS READ TA REC	
20539		XA203	63		XA411	35				16B	9		UICTDB4	005				EXT						
17343		XA411	35		XA428	75				16B	9		UICTDB4	01				RR4	D3					
17344		XA428	75										UICTDB4	02	UICTDO	01	1	THI	F6			39A		

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RECORD NUMBER	FROM				TO				WIRE				SIGNAL	SEQ NO	EQUATION	TERM	FACTOR	CKT OR CHIP TYPE	GROUP	LOAD OR POWER PLANE	TEST POINTS AND/OR	SIGNAL DESCRIPTION	ECO NO
	PREFIX	CONNECTOR	PIN	DR	PREFIX	CONNECTOR	PIN	DR	MULTI GROUP	CODE	COLOR	IDENT											
17345		XA342	33			XA428	77			16B	9		UIC T D0	01	TICTDA	01	1	THI	C5		17B		
17346		XA428	77										UIC T D0	02	UIC T D0	00	1	THI	F6		38A		
17347		XA414	60			XA411	37			16B	9		URTCIB4	01	RTCTEA	01	2	TT3	E2		28A	REAL TIME CLOCK	
17348		XA411	37			XA203	75			16B	9		URTCIB4	02				RR4	D4				
20540		XA203	75										URTCIB4	03				EXT					
17350		XA446	50			XA331	24			16B	9		WKBSCA	01	KSWB1S	01	2	TQ2	D2		23A		
07719		XA331	24			XA201	25			16B	9		WKBSCA	015				RR1	B5				
17351		XA201	25										WKBSCA	02				EXT					
17352		XA201	27			XA331	25			16B	9		WKBSCA	01				EXT					
07720		XA331	25			XA443	64			16B	9		WKBSCA	015				RR1	C2				
17353		XA443	64										WKBSCA	02	KSWB1R	01	2	TQ2	E2		30A		
17354		XA415	70			XA318	39			16B	9		WKB10A	01	TRC00A	01	2	TQ2	E1		33A		
07700		XA318	39			XA201	31			16B	9		WKB10A	015				RR1	D3				
17355		XA201	31										WKB10A	02				EXT					
17356		XA425	37			XA415	64			16B	9		WKB11A	01	TBSX10	01	1	TD4	C1		18B		
17357		XA415	64			XA318	40			16B	9		WKB11A	02	TRC01A	01	2	TQ2	E2		30A		
07701		XA318	40			XA201	33			16B	9		WKB11A	025				RR1	D4				
17358		XA201	33										WKB11A	03				EXT					
17359		XA201	35			XA318	64			16B	9		WKB12A	01				EXT					
07711		XA318	64			XA415	55			16B	9		WKB12A	015				RR1	F6				
17360		XA415	55			XA425	30			16B	9		WKB12A	02	TRC02A	01	2	TQ2	E3		29B		
17361		XA425	30										WKB12A	03	TBSX20	01	1	TD4	C2		15A		
17362		XA425	31			XA425	38			16B	9		WKB13A	01	TBSX20	01	2	TD4	C2		15B		
17363		XA425	38			XA415	61			16B	9		WKB13A	02	TBSX10	01	2	TD4	C1		18A		
17364		XA415	61			XA318	74			16B	9		WKB13A	03	TRC03A	01	2	TQ2	E4		32B		
07712		XA318	74			XA201	37			16B	9		WKB13A	035				RR1	G6				
17365		XA201	37										WKB13A	04				EXT					
17366		XA425	49			XA415	79			16B	9		WKB14A	01	TBSX40	01	1	TD4	D1		26B		
17367		XA415	79			XA331	26			16B	9		WKB14A	02	TRC04A	01	2	TQ2	F1		39B		
07721		XA331	26			XA201	39			16B	9		WKB14A	025				RR1	B6				
17368		XA201	39										WKB14A	03				EXT					
17369		XA425	40			XA425	52			16B	9		WKB15A	01	TBSX10	01	3	TD4	C1		19A		
17370		XA425	52			XA415	73			16B	9		WKB15A	02	TBSX40	01	2	TD4	D1		24A		
17371		XA415	73			XA331	29			16B	9		WKB15A	03	TRC05A	01	2	TQ2	F2		36B		
07722		XA331	29			XA201	41			16B	9		WKB15A	035				RR1	C3				
17372		XA201	41										WKB15A	04				EXT					
17373		XA201	43			XA331	37			16B	9		WKB16A	01				EXT					
07725		XA331	37			XA415	74			16B	9		WKB16A	015				RR1	D2				
													****	SIGNAL	(WKB16A)				IS ON THE	NEXT PAGE	****		

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RECORD NUMBER	FROM				TO				WIRE				SIGNAL	SEQ NO	EQUATION	TERM	FACTOR	CKT OR CHIP TYPE	GROUP	LOAD OR POWER PLANE	TEST POINTS AND/OR	SIGNAL DESCRIPTION	ECO NO
	PREFIX	CONNECTOR	PIN	IC	PREFIX	CONNECTOR	PIN	SHFG	MULTI GROUP	CODE	COLOR	IDENT											
17374		XA415	74		XA425	54			168	9			WKB16A	02	TRC06A	01	2	TQ2	F3		35B		
17375		XA425	54		XA425	34			168	9			WKB16A	03	TBSX40	01	3	TD4	D1		25A		
17376		XA425	34										WKB16A	04	TBSX20	01	3	TD4	C2		16A		
17377		XA425	36		XA425	42			168	9			WKB17A	01	TBSX20	01	4	TD4	C2		17A		
17378		XA425	42		XA425	56			168	9			WKB17A	02	TBSX10	01	4	TD4	C1		20A		
17379		XA425	56		XA415	78			168	9			WKB17A	03	TBSX40	01	4	TD4	D1		26A		
17380		XA415	78		XA331	38			168	9			WKB17A	04	TRC07A	01	2	TQ2	F4		38A		
07726		XA331	38		XA201	45			168	9			WKB17A	045				RR1	C5				
17381		XA201	45										WKB17A	05				EXT					
07680		XA121	75		XA118	72			168	9			WKLTSA	005				RR4	H3				
17382		XA118	72		XA119	72			168	9			WKLTSA	01	LMEA4DX	01	1	DCF	D1		36A		
17383		XA119	72		XA119	52			168	9			WKLTSA	02	LCMPMDX	01	1	DCF	D1		36A		
17384		XA119	52		XA118	36			168	9			WKLTSA	03	IOPWTDX	01	1	DCF	C3		29A		
17385		XA118	36		XA119	36			168	9			WKLTSA	04	LI0C1DX	01	1	DCF	B1		13A		
17386		XA119	36		XA119	06			168	9			WKLTSA	05	LI0PRDX	01	1	DCF	B1		13A		
17387		XA119	06		XA107	10			168	9			WKLTSA	06	LMET0DX	01	1	DCF	A1		05A		
17388		XA107	10										WKLTSA	07				MTS					
17389		XA202	71		XA107	09			168	9			WKLYSB	01				EXT					
17390		XA107	09										WKLYSB	02				MTS					
07709		XA318	52		XA213	52			168	9			WKML1A	005				RR1	E5				
17391		XA213	52		XA202	51			168	9			WKML1A	01	KWML10	01	1	THI	D1		26A		
17392		XA202	51										WKML1A	02				EXT					
17393		XA202	53		XA213	47			168	9			WKML2A	01				EXT					
17394		XA213	47		XA318	47			168	9			WKML2A	02	KWML20	01	1	THI	D2		24A		
07706		XA318	47										WKML2A	03				RR1	E3				
07708		XA318	51		XA213	50			168	9			WKML4A	005				RR1	F1				
17395		XA213	50		XA202	55			168	9			WKML4A	01	KWML40	01	1	THI	D3		22A		
17396		XA202	55										WKML4A	02				EXT					
17397		XA202	57		XA213	45			168	9			WKMM1A	01				EXT					
17398		XA213	45		XA318	45			168	9			WKMM1A	02	KWMM10	01	1	THI	D5		25B		
07704		XA318	45										WKMM1A	03				RR1	E2				
07696		XA318	35		XA205	51			168	9			WKMM2A	005				RR1	D1				
17399		XA205	51		XA202	59			168	9			WKMM2A	01	KWMM20	01	1	THI	D6		27B		
17400		XA202	59										WKMM2A	02				EXT					
17401		XA202	61		XA213	20			168	9			WKMM4A	01				EXT					
17402		XA213	20		XA318	36			168	9			WKMM4A	02	KWMM40	01	1	THI	B3		10A		
07697		XA318	36										WKMM4A	03				RR1	C6				
07698		XA318	37		XA208	35			168	9			WKSTCA	005				RR1	D2				
17403		XA208	35		XA202	47			168	9			WKSTCA	01	KSWSTS	01	1	TQ2	C4		17B		
17404		XA202	47										WKSTCA	02				EXT					

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RECORD NUMBER	FROM				TO				WIRE				SIGNAL	SEC NO	EQU. TION	TERM	FACTOR	CKT OR CHIP TYPE	GROUP	LOAD OR POWER PLANE	TEST POINTS AND OR	SIGNAL DESCRIPTION	ECO NO
	PREFIX	CONNECTOR	PIN	SH PC	PREFIX	CONNECTOR	PIN	SH PC	MULTI GROUP	CODE	COLOR	IDENT											
20559		XA202	49		XA210	35				16B	9		WKSTOA	01				EXT					
20560		XA210	35		XA318	38				16B	9		WKSTOA	02	KSWSTR	01	1	TQ2	C4		17B		
07699		XA318	38										WKSTOA	03				RR1	C5				
20564		XA202	67		XA337	71				16B	9		WRSTCA4	01				EXT					
07752		XA337	71		XA438	71				16B	9		WRSTCA4	02				RR4	H5				
20565		XA438	71										WRSTCA4	03	KSWRSS	01	1	TQ2	F2		36A		
20566		XA202	69		XA337	76				16B	9		WRSTC04	01				EXT					
07753		XA337	76		XA440	68				16B	9		WRSTC04	02				RR4	H2				
20567		XA440	68										WRSTC04	03	KSWRSR	01	1	TQ2	E1		32A		
07703		XA318	42		XA327	42				16B	9		WROOLA	01				RR1	D5				
17406		XA327	42		XA233	37				16B	9		WROOLA	02	TRQ0AA	01	3	TT3	C1		20A		
17407		XA233	37		XA201	51				16B	9		WROOLA	03	TF132A	01	2	TQ2	C4		18B		
17408		XA201	51										WROOLA	04				EXT					
07716		XA331	09		XA233	18				16B	9		WR10LA	005				RR1	A5				
17409		XA233	18		XA201	53				16B	9		WR10LA	01	TF102A	01	1	TQ2	B2		10A		
17410		XA201	53		XA414	34				16B	9		WR10LA	02				EXT					
17411		XA414	34										WR10LA	03	TRQ1AA	01	3	TT3	C2		16A		
07717		XA331	10		XA233	25				16B	9		WR20LA	005				RR1	A6				
17412		XA233	25		XA201	55				16B	9		WR20LA	01	TF112A	01	2	TQ2	B4		12B		
17413		XA201	55		XA414	37				16B	9		WR20LA	02				EXT					
17414		XA414	37										WR20LA	03	TRQ2AA	01	3	TT3	C3		18B		
07718		XA331	23		XA233	36				16B	9		WR30LA	005				RR1	C1				
17415		XA233	36		XA201	57				16B	9		WR30LA	01	TF122A	01	2	TQ2	C2		17A		
17416		XA201	57		XA414	56				16B	9		WR30LA	02				EXT					
17417		XA414	56										WR30LA	03	TRQ3AA	01	3	TT3	D1		26A		
17418		XA434	18		XA318	48				16B	9		WR40LA	01	TRQ4AA	01	3	TT3	B2		10A		
07707		XA318	48		XA201	59				16B	9		WR40LA	015				RR1	E4				
17419		XA201	59										WR40LA	02				EXT					
17420		XA201	61		XA318	46				16B	9		WR50LA	01				EXT					
07705		XA318	46		XA434	25				16B	9		WR50LA	015				RR1	D6				
17421		XA434	25										WR50LA	02	TRQ5AA	01	3	TT3	B3		12B		
17422		XA436	05		XA318	41				16B	9		WR60LA	01	TRQ6AA	01	3	TT3	A2		03B		
07702		XA318	41		XA201	63				16B	9		WR60LA	015				RR1	E1				
17423		XA201	63										WR60LA	02				EXT					
17424		XA445	37		XA318	54				16B	9		WR70LA	01	TRQ7AA	01	3	TT3	C3		18B		
07710		XA318	54		XA201	65				16B	9		WR70LA	015				RR1	E6				
17425		XA201	65										WR70LA	02				EXT					
										****	SIGNAL	(XACMAO)	IS ON THE NEXT PAGE ****										

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RECORD NUMBER	FROM				TO				WIRE				SIGNAL	SEQ NO	EQUATION	TERM	FACTORY	CKT OR CHIP TYPE	GROUP	LOAD OR POWER PLANE	TEST POINTS AND OR	SIGNAL DESCRIPTION	ECO NO
	PREFIX	CONNECTOR	PIN	OR	PREFIX	CONNECTOR	PIN	OR	MULTI GROUP	CODE	COLOR	IDENT											
17426		XA522	74										XACMAO	01	XACMCOX	01	1	DCF	D6		37A		
17427		XA524	75		XA524	75				16B	9		XACMAO	02	XACMAO	00	1	TQ2	F1		37B	DEV COMMAND	
17428		XA522	80									J	XACMCDX	01	XACMCDX	00	1	DCF	D5		38B	XACMDB4 BUSS	
07818		XA519	76		XA522	80				16B	9		XACMDB4	005				RR4	H2				C13
17431		XA522	80		XA519	37				16B	9		XACMCDX	01	XACMDB4	01	1	DCF	D5		38B	DEV COMMAND LINE	
17432		XA519	37		XA401	37				16B	9		XACMDB4	02				RR4	D4				A01
17430		XA401	37										XACMDB4	03				EXT					A01
17434		XA401	38		XA522	79				16B	9		XACMDB4R	01				EXT					
17435		XA522	79										XACMDB4R	02				DCF			40B		
17436		XA523	79		XA523	59				16B	9		XACMDO	01	XACSCA	01	3	TT3	F1		39B		
17437		XA523	59		XA525	68				16B	9		XACMDO	02	XAMRDA	01	2	TT3	E3		31B		
17438		XA525	68										XACMDO	03	XACMDO	00	1	THI	E6		32B	IOC COMMAND	
17439		XA524	79		XA523	73				16B	9		XACSCA	01	XACMAO	01	2	TQ2	F1		39B		
17440		XA523	73										XACSCA	02	XACSCA	00	1	TT3	F1		36B		
17441		XA521	52		XA523	51				16B	9		XACSDA	01	XAOPADX	01	1	DCF	C1		29A		
17442		XA523	51		XA522	36				16B	9		XACSDA	02	XACSDA	00	1	TT3	D3		27B	CH.SEL.INTER*	
17443		XA522	36		XA522	06				16B	9		XACSDA	03	XA04ADX	01	1	DCF	B1		13A		
17444		XA522	06										XACSDA	04	XA00ADX	01	1	DCF	A1		05A		
17445		XA525	50		XA524	59				16B	9		XACSEA	01	XACSE0	01	1	THI	D3		22A		
17446		XA524	59		XA523	55				16B	9		XACSEA	02	XAENAO	01	1	TQ2	E4		31B		
17447		XA523	55										XACSEA	03	XACSEA	00	1	TT3	E2		29B	CH SEL ENABLE	
17448		XA524	07		XA524	13				16B	9		XACSE0	01	XAR0RA	01	2	TQ2	A3		03A		
17449		XA524	13		XA524	19				16B	9		XACSE0	02	XAR1RA	01	2	TQ2	A4		06B		
17450		XA524	19		XA524	25				16B	9		XACSE0	03	XAR2RA	01	2	TQ2	B3		09B		
17451		XA524	25		XA524	31				16B	9		XACSE0	04	XAR3RA	01	2	TQ2	B4		12B		
17452		XA524	31		XA524	37				16B	9		XACSE0	05	XAR4RA	01	2	TQ2	C3		15B		
17453		XA524	37		XA524	43				16B	9		XACSE0	06	XAR5RA	01	2	TQ2	C4		18B		
17454		XA524	43		XA524	49				16B	9		XACSE0	07	XAR6RA	01	2	TQ2	D3		23B		
17455		XA524	49		XA525	48				16B	9		XACSE0	08	XAR7RA	01	2	TQ2	D4		26B		
17456		XA525	48										XACSE0	09	XACSE0	00	1	THI	D3		21A		
17457		XA521	06		XA521	36				16B	9		XACSCA	01	XA00BDX	01	1	DCF	A1		05A		
17458		XA521	36		XA523	74				16B	9		XACSCA	02	XA04BDX	01	1	DCF	B1		13A		
17459		XA523	74										XACSCA	03	XACSCA	00	1	TT3	F2		35B	CH.SEL INTER	
17460		XA520	06		XA520	36				16B	9		XACSSA	01	XA00CDX	01	1	DCF	A1		05A		
17461		XA520	36		XA520	52				16B	9		XACSSA	02	XA04CDX	01	1	DCF	B1		13A		
17462		XA520	52		XA523	64				16B	9		XACSSA	03	XA0PCDX	01	1	DCF	C1		29A		
17463		XA523	64										XACSSA	04	XACSSA	00	1	TT3	E1		30A	CH SEL STROBE	
17464		XA522	70		XA524	63				16B	9		XAENAO	01	XAENCOX	01	1	DCF	D8		35A		
17465		XA524	63										XAENAO	02	XAENAO	00	1	TQ2	E4		33B	DEV ENABLE	

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RECORD NUMBER	FROM				TO				WIRE				SIGNAL	SEQ NO	EQUATION	TERM	FACTOR	CKT OR CHIP TYPE	GROUP	LOAD OR POWER PLANE	TEST POINTS AND OR	SIGNAL DESCRIPTION	ECO NO		
	PREFIX	CONNECTOR	PIN	REL	PREFIX	CONNECTOR	PIN	REL	MULTI GROUP	CODE	COLOR	IDENT												SPEC INST MISC	
17466		XA525	57			XA523	57				16B	9		XAENB0	01	XAENB0	00	1	THI	E5		30B	IOC ENABLE		
17467		XA523	57			XA523	62				16B	9		XAENB0	02	XAMRDA	01	1	TT3	E3		30B			
17468		XA523	62											XAENB0	03	XACSEA	01	3	TT3	E2		29A			
17469		XA522	61										J	XAENCDX	01	XAENCDX	00	1	DCF	D7		33A	XAENDB4 BUSS		
07817		XA519	75			XA522	61				16B	9		XAENDB4	005				RR4	H3				C13	
17472		XA522	61			XA519	39				16B	9	P	XAENCDX	01	XAENDB4	01	1	DCF	D7		33A	DEV ENABLE LINE		
17473		XA519	39			XA401	35				16B	9		XAENDB4	02				RR4	D5				A01	
17471		XA401	35											XAENDB4	03				EXT						A01
17475		XA401	36			XA522	59				16B	9		XAENDB4R	01				EXT						
17476		XA522	59											XAENDB4R	02				DCF						
17477		XA522	73			XA522	71				16B	9		XAGNDA	01	XAINCOX	01	1	DCF	D4		35B			
17478		XA522	71			XA520	51				16B	9		XAGNDA	02	XAR7COX	01	1	DCF	D2		34B			
17479		XA520	51			XA520	54				16B	9		XAGNDA	03	XAR0COX	01	1	DCF	C4		28B			
17480		XA520	54			XA520	50				16B	9		XAGNDA	04	XAR1COX	01	1	DCF	C6		30A			
17481		XA520	50			XA522	52				16B	9		XAGNDA	05	XAR2COX	01	1	DCF	C8		28A			
17482		XA522	52			XA525	19				16B	9		XAGNDA	06	XAREADX	01	1	DCF	C1		29A			
17483		XA525	19											XAGNDA	07	XAGNDA	00	1	THI	B5		10B			
17484		XA523	77			XA523	71				16B	9		XAICRO	01	XACSCA	01	2	TT3	F1		38B			
17485		XA523	71			XA523	68				16B	9		XAICRO	02	XACSCA	01	2	TT3	F2		36A			
17486		XA523	68			XA523	60				16B	9		XAICRO	03	XACSSA	01	2	TT3	E1		32A			
17487		XA523	60			XA525	63				16B	9		XAICRO	04	XACSEA	01	2	TT3	E2		28A			
17488		XA525	63			XA523	47				16B	9		XAICRO	05	XAICRO	00	1	THI	E2		30A	IOE ADRS		
17489		XA523	47											XAICRO	06	XACSDA	01	2	TT3	D3		25B			
17490		XA525	66			XA523	66				16B	9		XAICSO	01	XAICSO	00	1	THI	E1		32A	IOC CH SEL		
17491		XA523	66			XA523	65				16B	9		XAICSO	02	XACSSA	01	1	TT3	E1		31A			
17492		XA523	65			XA523	75				16B	9		XAICSO	03	XACSCA	01	1	TT3	F2		34B			
17493		XA523	75			XA523	53				16B	9		XAICSO	04	XACSCA	01	1	TT3	F1		37B			
17494		XA523	53			XA523	45				16B	9		XAICSO	05	XACSEA	01	1	TT3	E2		28B			
17495		XA523	45											XAICSO	06	XACSDA	01	1	TT3	D3		24B			
17496		XA521	55										J	XAINADX	01	XAINADX	00	1	DCF	C3		30B	TINDB4 BUSS		
17497		XA522	78										J	XAINCDX	01	XAINCDX	00	1	DCF	D3		37B	XAINDB4 BUSS		
17498		XA522	75			XA521	51				16B	9		XAINCOX	01	XAINCOX	00	1	DCF	D4		36B	DEV INDICATOR REC		
17499		XA521	51											XAINCOX	02	XAINAOX	01	1	DCF	C4		28B			
07819		XA519	78			XA522	78				16B	9		XAINDB4	005				RR4	H1				C13	
17502		XA522	78			XA519	35				16B	9	P	XAINCDX	01	XAINDB4	01	1	DCF	D3		37B			
17503		XA519	35			XA401	39				16B	9		XAINDB4	02				RR4	D3				A01	
17500		XA401	39											XAINDB4	03				EXT						A01
												****	SIGNAL	(XAINDB4R)	IS ON THE NEXT PAGE ****										

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RECORD NUMBER	FROM			TO			WIRE				SIGNAL	SEQ NO	EQUATION	TERM	FACTOR	CKT OR CHIP TYPE	GROUP	LOAD OR POWER PLANE	TEST POINTS AND OR	SIGNAL DESCRIPTION	ECO NO
	PREFIX	CONNECTOR	PIN	PREFIX	CONNECTOR	PIN	SH FTG	MULTI GROUP	CODE	COLOR											
17505		XA401	40		XA522	77			16B	9		XAINDB4R	01								
17506		XA522	77									XAINDB4R	02			EXT					
17507		XA524	57		XA523	49			16B	9		XAINTA	01	XAINTA	00	1	TQ2	E3		30B	
17508		XA523	49									XAINTA	02	XACSDA	01	3	TT3	D3		26B	
17509		XA525	60		XA524	53			16B	9		XAINTO	01	XAINTO	00	1	THI	E3		28A	IOC INTERROGATE
17510		XA524	53		XA523	72			16B	9		XAINTO	02	XAINTA	01	1	TQ2	E3		28B	
17511		XA523	72									XAINTO	03	XACSDA	01	3	TT3	F2		34A	
06682		XA303	35		XA439	55			16B	9		XAIRCD4	005				EXT				
17512		XA439	55		XA432	55			16B	9		XAIRCD4	01	XAIRCO	01	1	THI	E4		29B	
17513		XA432	55		XA430	66			16B	9		XAIRCD4	02	TRQ0A0	01	1	TS8	E1		29B	REQUEST O IOM
17514		XA430	66									XAIRCD4	03			RR4	G2				
17515		XA439	56		XA431	08			16B	9		XAIRCO	01	XAIRCO	00	1	THI	E4		28B	
17516		XA431	08									XAIRCO	02	XMR0SA	01	1	TQ2	A1		06A	
17517		XA523	05		XA523	10			16B	9		XAMRCA	01	XAR10R	01	3	TT3	A2		03B	
17518		XA523	10		XA523	18			16B	9		XAMRCA	02	XAR00R	01	3	TT3	A1		07A	
17519		XA523	18		XA523	26			16B	9		XAMRCA	03	XAR30R	01	3	TT3	B2		10A	
17520		XA523	26		XA523	34			16B	9		XAMRCA	04	XAR20R	01	3	TT3	B1		14A	
17521		XA523	34		XA523	42			16B	9		XAMRCA	05	XAR50R	01	3	TT3	C2		16A	
17522		XA523	42		XA523	48			16B	9		XAMRCA	06	XAR40R	01	3	TT3	C1		20A	
17523		XA523	48		XA523	56			16B	9		XAMRCA	07	XAR70R	01	3	TT3	D2		22A	
17524		XA523	56		XA524	72			16B	9		XAMRCA	08	XAR60R	01	3	TT3	D1		26A	
17525		XA524	72									XAMRCA	09	XAMRCA	00	1	TQ2	F2		34A	ENB CMD STB
17526		XA524	77		XA523	63			16B	9		XAMRDA	01	XACMA0	01	1	TQ2	F1		38B	
17527		XA523	63		XA524	61			16B	9		XAMRDA	02	XAMRDA	00	1	TT3	E3		33B	DEV RESET
17528		XA524	61		XA525	41			16B	9		XAMRDA	03	XAENAO	01	2	TQ2	E4		32B	
17529		XA525	41									XAMRDA	04	XAMRDO	01	1	THI	D4		23B	
17530		XA524	71		XA525	46			16B	9		XAMRDO	01	XAMRCA	01	1	TQ2	F2		36A	
17531		XA525	46									XAMRDO	02	XAMRDO	00	1	THI	D4		22B	
17532		XA522	46								J	XAREADX	01	XAREADX	00	1	DCF	C1		25B	TRQ1B84 BUSS
17533		XA522	49		XA523	39			16B	9		XARECO	01	XAREAOX	01	1	DCF	C2		27B	
17534		XA523	39									XARECO	02	XARECO	00	1	TT3	C3		19B	DEV OR D REQ
17535		XA525	26		XA523	33			16B	9		XARE1A	01	XARE1A	00	1	THI	B6		12B	
17536		XA523	33									XARE1A	02	XARECO	01	1	TT3	C3		16B	
17537		XA523	15		XA525	27			16B	9		XARE10	01	XARE10	00	1	TT3	A3		07B	DEV REQ 0+1+2
17538		XA525	27									XARE10	02	XARE1A	01	1	THI	B6		13B	
17539		XA525	31		XA523	35			16B	9		XARE2A	01	XARE2A	00	1	THI	C5		16B	
17540		XA523	35									XARE2A	02	XARECO	01	2	TT3	C3		17B	
											**** SIGNAL (XARE20) IS ON THE NEXT PAGE ****										

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RECORD NUMBER	FROM				TO				WIRE				SFC INST MISC	SIGNAL	SEC NO	EQU. TION	TERM	FACTOR	CKT OR CHIP TYPE	GROUP	LOAD OR POWER PLANE	TEST POINTS		SIGNAL DESCRIPTION	ECO NO
	PREFIX	CONNECTOR	PIN	SH #	PREFIX	CONNECTOR	PIN	SH #	MULTI GROUP	CODE	COLOR	IDENT										AND	OR		
17541		XA523	27		XA525	33				16B	9		XARE20	01	XARE20	00	1	TT3	B3		13B		DEV REQ 3+4+5		
17542		XA525	33										XARE20	02	XARE2A	01	1	THI	C5		17B				
17543		XA525	42		XA523	37				16B	9		XARE3A	01	XARE3A	00	1	THI	C6		18B				
17544		XA523	37										XARE3A	02	XARECO	01	3	TT3	C3		18B				
17545		XA524	66		XA525	39				16B	9		XARE30	01	XARE30	00	1	TQ2	E1		31A		DEV REQ 6+7		
17546		XA525	39										XARE30	02	XARE3A	01	1	THI	C6		19B				
17547		XA525	13		XA524	08				16B	9		XAROCA	01	XAROCA	00	1	THI	A1		06A				
17548		XA524	08										XAROCA	02	XAROOS	01	1	TQ2	A1		06A				
17549		XA520	55									J	XAROCDX	01	XAROCDX	00	1	DCF	C3		30B		XARODB4 BUSS		
17550		XA520	56		XA525	11				16B	9		XAROCOX	01	XAROCOX	00	1	DCF	C4		29B		DEV REQ REC 0		
17551		XA525	11										XAROCOX	02	XAROCA	01	1	THI	A1		07A				
06290		XA519	41		XA520	55				16B	9		XARODB4	005				RR4	E5					C13	
17554		XA520	55		XA519	19				16B	9		XAROCDX	01	XARODB4	01	1	DCF	C3		30B				
17555		XA519	19		XA401	19				16B	9		XARODB4	02				RR4	B5					A01	
17553		XA401	19										XARODB4	03				EXT						A01	
17557		XA401	20		XA520	53				16B	9		XARODB4R	01				EXT							
17558		XA520	53										XARODB4R	02				DCF							
17559		XA523	08		XA524	09				16B	9		XARORA	01	XAR00R	01	2	TT3	A1		06A				
17560		XA524	09										XARORA	02	XARORA	00	1	TQ2	A3		04B				
17561		XA525	03		XA523	09				16B	9		XAR00A	01	XAR00A	00	1	THI	A3		03A				
17562		XA523	09										XAR00A	02	XARE10	01	1	TT3	A3		04B				
17563		XA524	10		XA523	04				16B	9		XAR00R	01	XAR00S	01	2	TQ2	A1		07A				
17564		XA523	04										XAR00R	02	XAR00R	00	1	TT3	A1		04A				
17565		XA521	11		XA523	06				16B	9		XAR00S	01	XA00BOX	01	1	DCF	A2		04B				
17566		XA523	06		XA524	06				16B	9		XAR00S	02	XAR00R	01	1	TT3	A1		05A				
17567		XA524	06		XA525	04				16B	9		XAR00S	03	XAR00S	00	1	TQ2	A1		05A		DEV REQ 0		
17568		XA525	04										XAR00S	04	XAR00A	01	1	THI	A3		02A				
17569		XA524	04		XA525	08				16B	9		XARICA	01	XAR10S	01	1	TQ2	A2		04A				
17570		XA525	08										XARICA	02	XARICA	00	1	THI	A2		04A				
17571		XA520	60									J	XARICDX	01	XARICDX	00	1	DCF	C5		31B		XAR1DB4 BUSS		
17572		XA520	57		XA525	06				16B	9		XARICOX	01	XARICOX	00	1	DCF	C6		31A				
17573		XA525	06										XARICOX	02	XARICA	01	1	THI	A2		05A				
07811		XA519	61		XA520	60				16B	9		XAR1DB4	005				RR4	G5					C13	
17576		XA520	60		XA519	36				16B	9		XARICDX	01	XAR1DB4	01	1	DCF	C5		31B				
17577		XA519	36		XA401	21				16B	9		XAR1DB4	02				RR4	C1					A01	
													****	SIGNAL	(XAR1DB4)	IS ON THE	NEXT PAGE	****							

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RECORD NUMBER	FROM				TO				WIRE				SIGNAL	SEQ NO	EQUATION	TERM	FACTOR	CKT OR CHIP TYPE	GROUP	LOAD OR POWER PLANE	TEST POINTS AND OR	SIGNAL DESCRIPTION	ECO NO	
	PREFIX	CONNECTOR	PIN	DRILL	PREFIX	CONNECTOR	PIN	DRILL	WIRE NO	MULTI GROUP	CODE	COLOR												IDENT
17574		XA401	21										XAR1DB4	03				EXT					A01	
17579		XA401	22		XA520	58					16B	9	XAR1DB4R	01				EXT						
17580		XA520	58										XAR1DB4R	02				DCF						
17581		XA523	03		XA524	15					16B	9	XAR1RA	01	XAR10R	01	2	TT3	A2		02A			
17582		XA524	15										XAR1RA	02	XAR1RA	00	1	TQ2	A4		07B			
17583		XA525	01		XA523	11					16B	9	XAR10A	01	XAR10A	00	1	THI	A4		02B			
17584		XA523	11										XAR10A	02	XARE10	01	2	TT3	A3		05B			
17585		XA524	05		XA523	07					16B	9	XAR10R	01	XAR10S	01	2	TQ2	A2		03B			
17586		XA523	07										XAR10R	02	XAR10R	00	1	TT3	A2		03A			
17587		XA521	13		XA523	01					16B	9	XAR10S	01	XA01BOX	01	1	DCF	A4		05B			
17588		XA523	01		XA524	01					16B	9	XAR10S	02	XAR10R	01	1	TT3	A2		02B			
17589		XA524	01		XA525	05					16B	9	XAR10S	03	XAR10S	00	1	TQ2	A2		02B	DEV REQ 1		
17590		XA525	05										XAR10S	04	XAR10A	01	1	THI	A4		03B			
17591		XA525	24		XA524	24					16B	9	XAR2CA	01	XAR2CA	00	1	THI	B1		13A			
17592		XA524	24										XAR2CA	02	XAR20S	01	1	TQ2	B1		13A			
17593		XA520	43										J XAR2CDX	01	XAR2CDX	00	1	DCF	C7		25A	XAR20B4 BUSS		
17594		XA520	48		XA525	22					16B	9	XAR2C0X	01	XAR2C0X	00	1	DCF	C8		26A	DEV REQ REC 2		
17595		XA525	22										XAR2C0X	02	XAR2CA	01	1	THI	B1		14A			
07812		XA519	63		XA520	43					16B	9	XAR2DB4	005				RR4	G4				C13	
17598		XA520	43		XA519	38					16B	9	P XAR2CDX	01	XAR2DB4	01	1	DCF	C7		25A			
17599		XA519	38		XA401	23					16B	9	XAR2DB4	02				RR4	C2				A01	
17596		XA401	23										XAR2DB4	03				EXT					A01	
17601		XA401	24		XA520	44					16B	9	XAR2DB4R	01				EXT						
17602		XA520	44										XAR2DB4R	02				DCF						
17603		XA523	24		XA524	21					16B	9	XAR2RA	01	XAR20R	01	2	TT3	B1		13A			
17604		XA524	21										XAR2RA	02	XAR2RA	00	1	TQ2	B3		10B			
17605		XA525	18		XA523	13					16B	9	XAR20A	01	XAR20A	00	1	THI	B3		09A			
17606		XA523	13										XAR20A	02	XARE10	01	3	TT3	A3		06B			
17607		XA524	26		XA523	20					16B	9	XAR20R	01	XAR20S	01	2	TQ2	B1		14A			
17608		XA523	20										XAR20R	02	XAR20R	00	1	TT3	B1		11A			
17609		XA521	08		XA523	22					16B	9	XAR20S	01	XA02BOX	01	1	DCF	A6		06A			
17610		XA523	22		XA524	22					16B	9	XAR20S	02	XAR20R	01	1	TT3	B1		12A			
17611		XA524	22		XA525	20					16B	9	XAR20S	03	XAR20S	00	1	TQ2	B1		12A	DEV REQ 2		
17612		XA525	20										XAR20S	04	XAR20A	01	1	THI	B3		10A			
17613		XA524	18		XA525	25					16B	9	XAR3CA	01	XAR30S	01	1	TQ2	B2		10A			
										****	SIGNAL	(XAR3CA)	IS ON THE NEXT PAGE ****											

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RECORD NUMBER	FROM				TO				WIRE				SIGNAL	SEQ NO	EQUATION	TERM	FACTOR	CKT OR CHIP TYPE	GROUP	LOAD OR POWER PLANE	TEST POINTS AND OR	SIGNAL DESCRIPTION	ECO NO
	PREFIX	CONNECTOR	PIN	SH. P.O.	PREFIX	CONNECTOR	PIN	SH. P.O.	MULTI GROUP	CODE	COLOR	IDENT											
17614		XA525	25										XAR3CA	02	XAR3CA	00	1	THI	B2		11A		
17615		XA520	65									J	XAR3CDX	01	XAR3CDX	00	1	DCF	D1		32B	XAR3DB4 BUSS	
17616		XA520	69		XA525	23				16B	9		XAR3COX	01	XAR3COX	00	1	DCF	D2		33B	DEV REQ REC 3	
17617		XA525	23										XAR3COX	02	XAR3CA	01	1	THI	B2		12A		
07814		XA519	66		XA520	65				16B	9		XAR3DB4	005				RR4	G2				C13
17620		XA520	65		XA519	23				16B	9	P	XAR3CDX	01	XAR3DB4	01	1	DCF	D1		32B		
17621		XA519	23		XA401	25				16B	9		XAR3DB4	02				RR4	C3				A01
17619		XA401	25										XAR3DB4	03				EXT					A01
17623		XA520	67		XA401	26				16B	9		XAR3DB4R	01				DCF					
17624		XA401	26										XAR3DB4R	02				EXT					
17625		XA523	17		XA524	27				16B	9		XAR3RA	01	XAR3OR	01	2	TT3	B2		08B		
17626		XA524	27										XAR3RA	02	XAR3RA	00	1	TQ2	B4		13B		
17627		XA525	14		XA523	21				16B	9		XAR3OA	01	XAR3OA	00	1	THI	B4		08B		
17628		XA523	21										XAR3OA	02	XARE20	01	1	TT3	B3		10B		
17629		XA524	20		XA523	19				16B	9		XAR3OR	01	XAR3OS	01	2	TQ2	B2		11A		
17630		XA523	19										XAR3OR	02	XAR3OR	00	1	TT3	B2		09B		
17631		XA521	04		XA523	14				16B	9		XAR3OS	01	XA03BOX	01	1	DCF	A8		04A		
17632		XA523	14		XA524	14				16B	9		XAR3OS	02	XAR3OR	01	1	TT3	B2		09A		
17633		XA524	14		XA525	17				16B	9		XAR3OS	03	XAR3OS	00	1	TQ2	B2		09A	DEV REQ 3	
17634		XA525	17										XAR3OS	04	XAR3OA	01	1	THI	B4		09B		
17635		XA524	40		XA525	40				16B	9		XAR4CA	01	XAR4OS	01	1	TQ2	C1		19A		
17636		XA525	40										XAR4CA	02	XAR4CA	00	1	THI	C1		19A		
17637		XA520	78									J	XAR4CDX	01	XAR4CDX	00	1	DCF	D3		37B	XAR4DB4 BUSS	
17638		XA520	75		XA525	38				16B	9		XAR4COX	01	XAR4COX	00	1	DCF	D4		36B	DEV REQ REC 4	
17639		XA525	38										XAR4COX	02	XAR4CA	01	1	THI	C1		20A		
07815		XA519	71		XA520	78				16B	9		XAR4DB4	005				RR4	H5				C13
17642		XA520	78		XA519	25				16B	9	P	XAR4CDX	01	XAR4DB4	01	1	DCF	D3		37B		
17643		XA519	25		XA401	27				16B	9		XAR4DB4	02				RR4	C4				A01
17641		XA401	27										XAR4DB4	03				EXT					A01
17645		XA520	77		XA401	28				16B	9		XAR4DB4R	01				DCF					
17646		XA401	28										XAR4DB4R	02				EXT					
17647		XA523	40		XA524	33				16B	9		XAR4RA	01	XAR4OR	01	2	TT3	C1		19A		
17648		XA524	33										XAR4RA	02	XAR4RA	00	1	TQ2	C3		16B		
17649		XA525	34		XA523	23				16B	9		XAR4OA	01	XAR4OA	00	1	THI	C3		15A		
17650		XA523	23										XAR4OA	02	XARE20	01	2	TT3	B3		11B		

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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											
17651		XA524	42			XA523	36			168	9		XAR40R	01	XAR40S	01	2	TQ2	C1		20A		
17652		XA523	36										XAR40R	02	XAR40R	00	1	TT3	C1		17A		
17653		XA521	31			XA523	38			168	9		XAR40S	01	XA04BOX	01	1	DCF	B2		12B		
17654		XA523	38			XA524	38			168	9		XAR40S	02	XAR40R	01	1	TT3	C1		18A		
17655		XA524	38			XA525	36			168	9		XAR40S	03	XAR40S	00	1	TQ2	C1		18A		DEV REQ 4
17656		XA525	36										XAR40S	04	XAR40A	01	1	THI	C3		16A		
17657		XA524	34			XA525	37			168	9		XAR5CA	01	XAR50S	01	1	TQ2	C2		16A		
17658		XA525	37										XAR5CA	02	XAR5CA	00	1	THI	C2		17A		
17659		XA520	80									J	XAR5CDX	01	XAR5CDX	00	1	DCF	D5		38B		XAR5DB4 BUSS
17660		XA520	76			XA525	35			168	9		XAR5COX	01	XAR5COX	00	1	DCF	D6		38A		DEV REQ REC 5
17661		XA525	35										XAR5COX	02	XAR5CA	01	1	THI	C2		18A		
07816		XA519	73			XA520	80			168	9		XAR5DB4	005				RR4	H4				C13
17664		XA520	80			XA519	29			168	9	P	XAR5CDX	01	XAR5DB4	01	1	DCF	D5		38B		
17665		XA519	29			XA401	29			168	9		XAR5DB4	02				RR4	C5				A01
17662		XA401	29										XAR5DB4	03				EXT					A01
17667		XA520	79			XA401	30			168	9		XAR5DB4R	01				DCF			40B		
17668		XA401	30										XAR5DB4R	02				EXT					
17669		XA523	30			XA524	39			168	9		XAR5RA	01	XAR50R	01	2	TT3	C2		15A		
17670		XA524	39										XAR5RA	02	XAR5RA	00	1	TQ2	C4		19B		
17671		XA525	30			XA523	25			168	9		XAR50A	01	XAR50A	00	1	THI	C4		14B		
17672		XA523	25										XAR50A	02	XARE20	01	3	TT3	B3		12B		
17673		XA524	36			XA523	31			168	9		XAR50R	01	XAR50S	01	2	TQ2	C2		17A		
17674		XA523	31										XAR50R	02	XAR50R	00	1	TT3	C2		15B		
17675		XA525	29			XA524	30			168	9		XAR50S	01	XAR50A	01	1	THI	C4		15B		
17676		XA524	30			XA523	29			168	9		XAR50S	02	XAR50S	00	1	TQ2	C2		15A		DEV REQ 5
17677		XA523	29			XA521	33			168	9		XAR50S	03	XAR50R	01	1	TT3	C2		14B		
17678		XA521	33										XAR50S	04	XA05BOX	01	1	DCF	B4		13B		
17679		XA524	54			XA525	54			168	9		XAR6CA	01	XAR60S	01	1	TQ2	D1		25A		
17680		XA525	54										XAR6CA	02	XAR6CA	00	1	THI	D1		25A		
17681		XA520	61									J	XAR6CDX	01	XAR6CDX	00	1	DCF	D7		33A		XAR6DB4 BUSS
17682		XA520	68			XA525	52			168	9		XAR6COX	01	XAR6COX	00	1	DCF	D8		34A		DEV REQ REC 6
17683		XA525	52										XAR6COX	02	XAR6CA	01	1	THI	D1		26A		
06273		XA519	52			XA520	61			168	9		XAR6DB4	005				RR4	E1				C13
17686		XA520	61			XA519	42			168	9	P	XAR6CDX	01	XAR6DB4	01	1	DCF	D7		33A		
										****			SIGNAL (XAR6DB4)		IS ON THE			NEXT PAGE		****			

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UNIT ASSEMBLY NAME		CARD CAGE ASSY, I/O UNIT										FILE IDENT		T39B1UX2		DATE		09-03-82		PAGE		342		
RECORD NUMBER	FROM				TO				WIRE				SIGNAL	SEC NO	EQU. TION	TERM	FACTOR	CKT OR CHIP TYPE	GROUP	LOAD OR POWER PLANE	TEST POINTS		SIGNAL DESCRIPTION	ECO NO
	PREFIX	CONNECTOR	PIN	SH #	PREFIX	CONNECTOR	PIN	SH #	MULTI GROUP	CODE	COLOR	IDENT									SFC INST	MISC		
17687	XA519	42			XA401	31							XAR6DB4	02				RR4	D1				A01	
17685	XA401	31								16B	9		XAR6DB4	03				EXT					A01	
17689	XA520	59			XA401	32				16B	9		XAR6DB4R	01				DCF						
17690	XA401	32											XAR6DB4R	02				EXT						
17691	XA523	54			XA524	45				16B	9		XAR6RA	01	XAR60R	01	2	TT3	D1		25A			
17692	XA524	45											XAR6RA	02	XAR6RA	00	1	TQ2	D3		24B			
17693	XA524	68			XA524	56				16B	9		XAR60R	01	XARE30	01	1	TQ2	E1		32A			
17694	XA524	56			XA523	50				16B	9		XAR60R	02	XAR60S	01	2	TQ2	D1		26A			
17695	XA523	50											XAR60R	03	XAR60R	00	1	TT3	D1		23A			
17696	XA521	38			XA523	52				16B	9		XAR60S	01	XA06BOX	01	1	DCF	B6		14A			
17697	XA523	52			XA524	52				16B	9		XAR60S	02	XAR60R	01	1	TT3	D1		24A			
17698	XA524	52											XAR60S	03	XAR60S	00	1	TQ2	D1		24A	DEV REQ 6		
17699	XA525	49			XA524	48				16B	9		XAR7CA	01	XAR7CA	00	1	THI	D2		23A			
17700	XA524	48											XAR7CA	02	XAR70S	01	1	TQ2	D2		22A			
17701	XA522	65										J	XAR7CDX	01	XAR7CDX	00	1	DCF	D1		32B	XAR7DB4 BUSS		
17702	XA522	69			XA525	47				16B	9		XAR7COX	01	XAR7COX	00	1	DCF	D2		33B	DEV REQ REC 7		
17703	XA525	47											XAR7COX	02	XAR7CA	01	1	THI	D2		24A			
03780	XA519	72			XA522	65				16B	9		XAR7DB4	005				RR4	G1				C13	
17706	XA522	65			XA519	46				16B	9	P	XAR7CDX	01	XAR7DB4	01	1	DCF	D1		32B			
17707	XA519	46			XA401	33				16B	9		XAR7DB4	02				RR4	D2				A01	
17705	XA401	33											XAR7DB4	03				EXT					A01	
17709	XA401	34			XA522	67				16B	9		XAR7DB4R	01				EXT						
17710	XA522	67											XAR7DB4R	02				DCF						
17711	XA524	51			XA523	46				16B	9		XAR7RA	01	XAR7RA	00	1	TQ2	D4		27B			
17712	XA523	46											XAR7RA	02	XAR70R	01	2	TT3	D2		21A			
17713	XA523	43			XA524	50				16B	9		XAR70R	01	XAR70R	00	1	TT3	D2		23B			
17714	XA524	50			XA524	70				16B	9		XAR70R	02	XAR70S	01	2	TQ2	D2		23A			
17715	XA524	70											XAR70R	03	XARE30	01	2	TQ2	E1		33A			
17716	XA524	46			XA523	41				16B	9		XAR70S	01	XAR70S	00	1	TQ2	D2		21A	DEV REQ 7		
17717	XA523	41			XA521	34				16B	9		XAR70S	02	XAR70R	01	1	TT3	D2		22B			
17718	XA521	34											XAR70S	03	XA07BOX	01	1	DCF	B8		12A			
17719	XA522	72			XA524	60				16B	9		XASTBA	01	XAR7CDX	01	1	DCF	D1		36A			
17720	XA524	60											XASTBA	02	XASTBA	00	1	TQ2	E2		28A			
17721	XA524	73			XA523	70				16B	9		XASTBO	01	XAMRCA	01	2	TQ2	F2		36B			
17722	XA523	70			XA524	64				16B	9		XASTBO	02	XACSSA	01	3	TT3	E1		33A			
17723	XA524	64			XA525	56				16B	9		XASTBO	03	XASTBA	01	2	TQ2	E2		30A			
													****	SIGNAL	(XASTBO)	S ON THE		NEXT PAGE	****					

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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	SIZE	MULTI GROUP	CODE	COLOR										IDENT	AND			OR
17724		XA525	56									XASTB0	04	XASTB0	00	I	THI	E4		28B		IOC STROBE		
17725		XA521	46								J	XAOPADX	01	XAOPADX	00	I	DCF	C1		25B		TDIPBB4 BUSS		
17726		XA520	46								J	XAOPCDX	01	XAOPCDX	00	I	DCF	C1		25B		XAOPDB4 BUSS		
17727		XA520	47		XA521	49			16B	9		XAOPCOX	01	XAOPCOX	00	I	DCF	C2		26B				
17728		XA521	49									XAOPCOX	02	XAOPA0X	01	I	DCF	C2		27B				
07813		XA519	65		XA520	46			16B	9		XAOPDB4	005				RR4	G3					C13	
17731		XA520	46		XA519	17			16B	9	P	XAOPCDX	01	XAOPDB4	01	I	DCF	C1		25B		DEV DATA LINE PAR		
17732		XA519	17		XA401	01			16B	9		XAOPDB4	02				RR4	B4					A01	
17730		XA401	01									XAOPDB4	03				EXT						A01	
17734		XA401	02		XA520	45			16B	9		XAOPDB4R	01				EXT							
17735		XA520	45									XAOPDB4R	02				DCF			27A				
17736		XA522	07								J	XA00ADX	01	XA00ADX	00	I	DCF	A1		02B		TDI0BB4 BUSS		
17737		XA521	07								J	XA00BDX	01	XA00BDX	00	I	DCF	A1		02B		TDI0BB4 BUSS		
17738		XA520	07								J	XA00CDX	01	XA00CDX	00	I	DCF	A1		02B		XA00DB4 BUSS		
17739		XA520	09		XA522	11			16B	9		XA00COX	01	XA00COX	00	I	DCF	A2		03B				
17740		XA522	11		XA524	03			16B	9		XA00COX	02	XA00A0X	01	I	DCF	A2		04B				
17741		XA524	03									XA00COX	03	XARORA	01	I	TQ2	A3		02A				
06285		XA519	48		XA520	07			16B	9		XA00DB4	005				RR4	E2					C13	
17744		XA520	07		XA519	08			16B	9	P	XA00CDX	01	XA00DB4	01	I	DCF	A1		02B		DEV DATA LINE 0		
17745		XA519	08		XA401	03			16B	9		XA00DB4	02				RR4	A1					A01	
17743		XA401	03									XA00DB4	03				EXT						A01	
17747		XA401	04		XA520	05			16B	9		XA00DB4R	01				EXT							
17748		XA520	05									XA00DB4R	02				DCF							
17749		XA522	17								J	XA01ADX	01	XA01ADX	00	I	DCF	A3		07B		TDI1BB4 BUSS		
17750		XA521	17								J	XA01BDX	01	XA01BDX	00	I	DCF	A3		07B		TDI1BB4 BUSS		
17751		XA520	17								J	XA01CDX	01	XA01CDX	00	I	DCF	A3		07B		XA01DB4 BUSS		
17752		XA524	11		XA522	13			16B	9		XA01COX	01	XAR1RA	01	I	TQ2	A4		05B				
17753		XA522	13		XA520	15			16B	9		XA01COX	02	XA01A0X	01	I	DCF	A4		05B				
17754		XA520	15									XA01COX	03	XA01COX	00	I	DCF	A4		06B				
06289		XA519	45		XA520	17			16B	9		XA01DB4	005				RR4	E4					C13	
17757		XA520	17		XA519	10			16B	9	P	XA01COX	01	XA01DB4	01	I	DCF	A3		07B		DEV DATA LINE 1		
17758		XA519	10		XA401	05			16B	9		XA01DB4	02				RR4	A2					A01	
17756		XA401	05									XA01DB4	03				EXT						A01	
												****	SIGNAL	(XA01DB4R)	IS ON THE NEXT PAGE				****					

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RECORD NUMBER	FROM				TO				WIRE				SIGNAL	SEQ NO	EQUATION	TERM FACTOR	CKT OR CHIP TYPE	GROUP	LOAD OR POWER PLANE	TEST POINTS AND OR	SIGNAL DESCRIPTION	ECO NO
	PREFIX	CONNECTOR	PIN	WIRE NO	PREFIX	CONNECTOR	PIN	WIRE NO	MULTI GROUP	CODE	COLOR	IDENT										
17760		XA401	06		XA520	19				16B	9		XA01DB4R	01			EXT					
17761		XA520	19										XA01DB4R	02			DCF					
17762		XA522	14									J	XA02ADX	01	XA02ADX	00	1	DCF	A5	08B	TDI28B4 BUSS	
17763		XA521	14									J	XA02BDX	01	XA02BDX	00	1	DCF	A5	08B	TDI28B4 BUSS	
17764		XA520	14									J	XA02CDX	01	XA02CDX	00	1	DCF	A5	08B	XA02DB4 BUSS	
17765		XA520	10		XA522	08				16B	9		XA02COX	01	XA02COX	00	1	DCF	A6	07A		
17766		XA522	08		XA524	17				16B	9		XA02COX	02	XA02A0X	01	1	DCF	A6	08A		
17767		XA524	17										XA02COX	03	XAR2RA	01	1	TQ2	B3	08B		
06287		XA519	47		XA520	14				16B	9		XA02DB4	005			RR4	E3				C13
17770		XA520	14		XA519	05				16B	9	P	XA02CDX	01	XA02DB4	01	1	DCF	A5	08B	DEV DATA LINE 2	
17771		XA519	05		XA401	07				16B	9		XA02DB4	02			RR4	A3				A01
17769		XA401	07										XA02DB4	03			EXT					A01
17773		XA401	08		XA520	16				16B	9		XA02DB4R	01			EXT					
17774		XA520	16										XA02DB4R	02			DCF					
17775		XA522	01									J	XA03ADX	01	XA03ADX	00	1	DCF	A7	02A	TDI38B4 BUSS	
17776		XA521	01									J	XA03BDX	01	XA03BDX	00	1	DCF	A7	02A	TDI38B4 BUSS	
17777		XA520	01									J	XA03CDX	01	XA03CDX	00	1	DCF	A7	02A	XA03DB4 BUSS	
17778		XA520	03		XA522	04				16B	9		XA03COX	01	XA03COX	00	1	DCF	A8	03A		
17779		XA522	04		XA524	23				16B	9		XA03COX	02	XA03A0X	01	1	DCF	A8	04A		
17780		XA524	23										XA03COX	03	XAR3RA	01	1	TQ2	B4	11B		
06320		XA519	51		XA520	01				16B	9		XA03DB4	005			RR4	F5				C13
17783		XA520	01		XA519	07				16B	9	P	XA03CDX	01	XA03DB4	01	1	DCF	A7	02A	DEV DATA LINE 3	
17784		XA519	07		XA401	09				16B	9		XA03DB4	02			RR4	A4				A01
17782		XA401	09										XA03DB4	03			EXT					A01
17786		XA401	10		XA520	02				16B	9		XA03DB4R	01			EXT					
17787		XA520	02										XA03DB4R	02			DCF			01A		
17788		XA522	27									J	XA04ADX	01	XA04ADX	00	1	DCF	B1	10B	TDI48B4 BUSS	
17789		XA521	27									J	XA04BDX	01	XA04BDX	00	1	DCF	B1	10B	TDI48B4 BUSS	
17790		XA520	27									J	XA04CDX	01	XA04CDX	00	1	DCF	B1	10B	XA04DB4 BUSS	
17791		XA524	29		XA522	31				16B	9		XA04COX	01	XAR4RA	01	1	TQ2	C3	14B		
17792		XA522	31		XA520	29				16B	9		XA04COX	02	XA04A0X	01	1	DCF	B2	12B		
17793		XA520	29										XA04COX	03	XA04COX	00	1	DCF	B2	11B		
06299		XA519	53		XA520	27				16B	9		XA04DB4	005			RR4	F4				C13
										****	SIGNAL		XA04DB4		IS ON THE	NEXT PAGE	****					

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 UNIT ASSEMBLY NAME CARD CAGE ASSY, I/O UNIT

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	PREFIX	CONNECTOR	PIN	DR. IN.	PREFIX	CONNECTOR	PIN	DR. IN.	MULTI GROUP	CODE	COLOR	IDENT													
17796	XA520	27			XA519	09				16B	9		P	XA04CDX	01	XA04DB4	01	1	DCF	B1		10B	DEV DATA LINE 4		
17797	XA519	09			XA401	11				16B	9			XA04DB4	02				RR4	A5				A01	
17795	XA401	11												XA04DB4	03				EXT						A01
17799	XA401	12			XA520	25				16B	9			XA04DB4R	01				EXT						
17800	XA520	25												XA04DB4R	02				DCF						
17801	XA522	37											J	XA05ADX	01	XA05ADX	00	1	DCF	B3		15B	TDI58B4 BUSS		
17802	XA521	37											J	XA05BDX	01	XA05BDX	00	1	DCF	B3		15B	TDI58B4 BUSS		
17803	XA520	37											J	XA05CDX	01	XA05CDX	00	1	DCF	B3		15B	XA05DB4 BUSS		
17804	XA524	35			XA522	33				16B	9			XA05COX	01	XAR5RA	01	1	TQ2	C4		17B			
17805	XA522	33			XA520	35				16B	9			XA05COX	02	XA05A0X	01	1	DCF	B4		13B			
17806	XA520	35												XA05COX	03	XA05C0X	00	1	DCF	B4		14B			
06297	XA519	55			XA520	37				16B	9			XA05DB4	005				RR4	F3					C13
17809	XA520	37			XA519	20				16B	9		P	XA05CDX	01	XA05DB4	01	1	DCF	B3		15B	DEV DATA LINE 5		
17810	XA519	20			XA401	13				16B	9			XA05DB4	02				RR4	B1					A01
17808	XA401	13												XA05DB4	03				EXT						A01
17812	XA401	14			XA520	39				16B	9			XA05DB4R	01				EXT						
17813	XA520	39												XA05DB4R	02				DCF						
17814	XA522	41											J	XA06ADX	01	XA06ADX	00	1	DCF	B5		16A	TDI68B4 BUSS		
17815	XA521	41											J	XA06BDX	01	XA06BDX	00	1	DCF	B5		16A	TDI68B4 BUSS		
17816	XA520	41											J	XA06CDX	01	XA06CDX	00	1	DCF	B5		16A	XA06DB4 BUSS		
17817	XA524	41			XA522	38				16B	9			XA06COX	01	XAR6RA	01	1	TQ2	D3		22B			
17818	XA522	38			XA520	40				16B	9			XA06COX	02	XA06A0X	01	1	DCF	B6		14A			
17819	XA520	40												XA06COX	03	XA06C0X	00	1	DCF	B6		15A			
06294	XA519	56			XA520	41				16B	9			XA06DB4	005				RR4	F2					C13
17822	XA520	41			XA519	26				16B	9		P	XA06CDX	01	XA06DB4	01	1	DCF	B5		16A	DEV DATA LINE 6		
17823	XA519	26			XA401	15				16B	9			XA06DB4	02				RR4	B2					A01
17821	XA401	15												XA06DB4	03				EXT						A01
17825	XA401	16			XA520	42				16B	9			XA06DB4R	01				EXT						
17826	XA520	42												XA06DB4R	02				DCF			20B			
17827	XA522	23											J	XA07ADX	01	XA07ADX	00	1	DCF	B7		10A	TDI78B4 BUSS		
17828	XA521	23											J	XA07BDX	01	XA07BDX	00	1	DCF	B7		10A	TDI78B4 BUSS		
17829	XA520	23											J	XA07CDX	01	XA07CDX	00	1	DCF	B7		10A	XA07DB4 BUSS		
17830	XA520	30			XA522	34				16B	9			XA07COX	01	XA07COX	00	1	DCF	B8		11A			
													****	SIGNAL (XA07COX)		IS ON THE			NEXT PAGE			****			

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	PREFIX	CONNECTOR	PIN	SH. TO	PREFIX	CONNECTOR	PIN	SH. TO	MULTI GROUP	CODE	COLOR												IDENT
17831		XA522	34			XA524	47			16B	9		XA07COX	02	XA07A0X	01	1	DCF	B8	12A			
17832		XA524	47										XA07COX	03	XAR7RA	01	1	TQ2	D4	25B			
06293		XA519	62			XA520	23			16B	9		XA07DB4	005				RR4	F1			C13	
17835		XA520	23			XA519	24			16B	9	P	XA07CDX	01	XA07DB4	01	1	DCF	B7	10A	DEV DATA LINE 7		
17836		XA519	24			XA401	17			16B	9		XA07DB4	02				RR4	B3			A01	
17834		XA401	17										XA07DB4	03				EXT					A01
17838		XA401	18			XA520	21			16B	9		XA07DB4R	01				EXT					
17839		XA520	21										XA07DB4R	02				DCF					
17840		XA530	75			XA528	74			16B	9		XBCMA0	01	XBCMA0	00	1	TQ2	F1	37B	DEV COMMAND		
17841		XA528	74										XBCMA0	02	XBCMCOX	01	1	DCF	D6	37A			
17842		XA528	80									J	XBCMCDX	01	XBCMCDX	00	1	DCF	D5	38B	XBCMDB4 BUSS		
07785		XA410	76			XA528	80			16B	9		XBCMDB4	005				RR4	H2			C13	
17845		XA528	80			XA532	37			16B	9	P	XBCMCDX	01	XBCMDB4	01	1	DCF	D5	38B	DEV COMMAND LINE		
17846		XA532	37			XA401	77			16B	9		XBCMDB4	02				RR4	D4			A01	
17844		XA401	77										XBCMDB4	03				EXT					A01
17848		XA401	78			XA528	79			16B	9		XBCMDB4R	01				EXT					
17849		XA528	79										XBCMDB4R	02				DCF		40B			
17850		XA529	79			XA529	59			16B	9		XBCMDO	01	XBCSCA	01	3	TT3	F1	39B			
17851		XA529	59			XA531	68			16B	9		XBCMDO	02	XBMRDA	01	2	TT3	E3	31B			
17852		XA531	68										XBCMDO	03	XBCMDO	00	1	THI	E6	32B	IOC COMMAND		
17853		XA530	79			XA529	73			16B	9		XBCSCA	01	XBCMA0	01	2	TQ2	F1	39B			
17854		XA529	73										XBCSCA	02	XBCSCA	00	1	TT3	F1	36B	CH. SEL. COMMAND		
17855		XA527	52			XA529	51			16B	9		XBCSDA	01	XBOPADX	01	1	DCF	C1	29A			
17856		XA529	51			XA528	36			16B	9		XBCSDA	02	XBCSDA	00	1	TT3	D3	27B	CH. SEL. INTER*		
17857		XA528	36			XA528	06			16B	9		XBCSDA	03	XB04ADX	01	1	DCF	B1	13A			
17858		XA528	06										XBCSDA	04	XB00ADX	01	1	DCF	A1	05A			
17859		XA531	50			XA530	59			16B	9		XBCSEA	01	XBCSE0	01	1	THI	D3	22A			
17860		XA530	59			XA529	55			16B	9		XBCSEA	02	XBENAO	01	1	TQ2	E4	31B			
17861		XA529	55										XBCSEA	03	XBCSEA	00	1	TT3	E2	29B	CH. SEL. ENABLE		
17862		XA530	07			XA530	13			16B	9		XBCSE0	01	XBR0RA	01	2	TQ2	A3	03A			
17863		XA530	13			XA530	19			16B	9		XBCSE0	02	XBR1RA	01	2	TQ2	A4	06B			
17864		XA530	19			XA530	25			16B	9		XBCSE0	03	XBR2RA	01	2	TQ2	B3	09B			
17865		XA530	25			XA530	31			16B	9		XBCSE0	04	XBR3RA	01	2	TQ2	B4	12B			
17866		XA530	31			XA530	37			16B	9		XBCSE0	05	XBR4RA	01	2	TQ2	C3	15B			
17867		XA530	37			XA530	43			16B	9		XBCSE0	06	XBR5RA	01	2	TQ2	C4	18B			
17868		XA530	43			XA530	49			16B	9		XBCSE0	07	XBR6RA	01	2	TQ2	D3	23B			
17869		XA530	49			XA531	48			16B	9		XBCSE0	08	XBR7RA	01	2	TQ2	D4	26B			
17870		XA531	48										XBCSE0	09	XBCSE0	00	1	THI	D3	21A			
													****	SIGNAL	XBCSIA						IS ON THE	NEXT PAGE	****

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RECORD NUMBER	FROM				TO				WIRE				SIGNAL	SEQ NO	EQUATION	TERM	FACTS	CKT OR CHIP TYPE	GROUP	LOAD OR POWER PLANS	TEST POINTS AND OR	SIGNAL DESCRIPTION	ECO NO		
	PREFIX	CONNECTOR	PIN	SH PG	PREFIX	CONNECTOR	PIN	SH PG	MULTI GROUP	CODE	COLOR	IDENT												REF. INST. MISC.	
17871		XA527	06		XA527	36				16B	9		XBCSIA	01	XB00BDX	01	1	DCF	A1		05A				
17872		XA527	36		XA529	74				16B	9		XBCSIA	02	XB04BDX	01	1	DCF	B1		13A				
17873		XA529	74										XBCSIA	03	XBCSIA	00	1	TT3	F2		35B	CH.SEL.INTER			
17874		XA526	06		XA526	36				16B	9		XBCSSA	01	XB00CDX	01	1	DCF	A1		05A				
17875		XA526	36		XA526	52				16B	9		XBCSSA	02	XB04CDX	01	1	DCF	B1		13A				
17876		XA526	52		XA529	64				16B	9		XBCSSA	03	XB0PCDX	01	1	DCF	C1		29A				
17877		XA529	64										XBCSSA	04	XBCSSA	00	1	TT3	E1		30A	CH.SEL.STROBE			
17878		XA528	70		XA530	63				16B	9		XBENA0	01	XBENCOX	01	1	DCF	D8		35A				
17879		XA530	63										XBENA0	02	XBENA0	00	1	TQ2	E4		33B	DEV ENABLE			
17880		XA529	57		XA529	62				16B	9		XBENB0	01	XBMRDA	01	1	TT3	E3		30B				
17881		XA529	62		XA531	57				16B	9		XBENB0	02	XBCSEA	01	3	TT3	E2		29A				
17882		XA531	57										XBENB0	03	XBENB0	00	1	THI	E5		30B	IOC ENABLE			
17883		XA528	61									J	XBENCOX	01	XBENCOX	00	1	DCF	D7		33A	XBENDB4 BUSS			
17884		XA410	75		XA532	39				16B	9		XBENDB4	005				RR4	H3				C13		
17886		XA532	39		XA528	61				16B	9		XBENDB4	01				RR4	D5						
17887		XA528	61		XA401	75				16B	9		P	XBENCOX	02	XBENDB4	01	1	DCF	D7		33A	DEV ENABLE LINE	A01	
17885		XA401	75										XBENDB4	03				EXT					A01		
17889		XA401	76		XA528	59				16B	9		XBENDB4R	01				EXT							
17890		XA528	59										XBENDB4R	02				DCF							
17891		XA528	73		XA528	71				16B	9		XBGNDA	01	XBINCOX	01	1	DCF	D4		35B				
17892		XA528	71		XA526	51				16B	9		XBGNDA	02	XBR7COX	01	1	DCF	D2		34B				
17893		XA526	51		XA526	50				16B	9		XBGNDA	03	XBROCOX	01	1	DCF	C4		28B				
17894		XA526	50		XA526	54				16B	9		XBGNDA	04	XBR2COX	01	1	DCF	C8		28A				
17895		XA526	54		XA528	52				16B	9		XBGNDA	05	XBRICOX	01	1	DCF	C6		30A				
17896		XA528	52		XA531	19				16B	9		XBGNDA	06	XBREADX	01	1	DCF	C1		29A				
17897		XA531	19										XBGNDA	07	XBGNDA	00	1	THI	B5		10B				
17898		XA529	77		XA529	71				16B	9		XBICR0	01	XBCSCA	01	2	TT3	F1		38B				
17899		XA529	71		XA529	68				16B	9		XBICR0	02	XBCSIA	01	2	TT3	F2		36A				
17900		XA529	68		XA529	60				16B	9		XBICR0	03	XBCSSA	01	2	TT3	E1		32A				
17901		XA529	60		XA531	63				16B	9		XBICR0	04	XBCSEA	01	2	TT3	E2		28A				
17902		XA531	63		XA529	47				16B	9		XBICR0	05	XBICR0	00	1	THI	E2		30A	IOE ADRS			
17903		XA529	47										XBICR0	06	XBCSDA	01	2	TT3	D3		25B				
17904		XA531	66		XA529	66				16B	9		XBICS0	01	XBICS0	00	1	THI	E1		32A	IOC CH.SEL			
17905		XA529	66		XA529	65				16B	9		XBICS0	02	XBCSSA	01	1	TT3	E1		31A				
17906		XA529	65		XA529	75				16B	9		XBICS0	03	XBCSIA	01	1	TT3	F2		34B				
17907		XA529	75		XA529	53				16B	9		XBICS0	04	XBCSCA	01	1	TT3	F1		37B				
17908		XA529	53		XA529	45				16B	9		XBICS0	05	XBCSEA	01	1	TT3	E2		28B				
17909		XA529	45										XBICS0	06	XBCSDA	01	1	TT3	D3		24B				
17910		XA527	55									J	XBINADX	01	XBINADX	00	1	DCF	C3		30B	TINDB4 BUSS			
													****	SIGNAL (XBINCOX)		IS ON THE		NEXT PAGE		****					

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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	SHFT	PREFIX	CONNECTOR	PIN	SHFT	MULTI GROUP	CODE	COLOR	IDENT											
17911		XA528	78										J	XBINCX	01	XBINCX	00	1	DCF	D3	37B	XBINDB4 BUSS	
17912		XA528	75		XA527	51				16B	9			XBINCX	01	XBINCX	00	1	DCF	D4	36B	DEV INDICATOR REC.	
17913		XA527	51											XBINCX	02	XBINA0X	01	1	DCF	C4	28B		
07786		XA410	78		XA532	35				16B	9			XBINDB4	005				RR4	H1			C13
17916		XA532	35		XA528	78				16B	9			XBINDB4	01				RR4	D3			
17917		XA528	78		XA401	79				16B	9		P	XBINCX	02	XBINDB4	01	1	DCF	D3	37B		A01
17915		XA401	79											XBINDB4	03				EXT				A01
17919		XA401	80		XA528	77				16B	9			XBINDB4R	01				EXT				
17920		XA528	77											XBINDB4R	02				DCF				
17921		XA530	57		XA529	49				16B	9			XBINTA	01	XBINTA	00	1	TQ2	E3	30B		
17922		XA529	49											XBINTA	02	XBCSDA	01	3	TT3	D3	26B		
17923		XA531	60		XA530	53				16B	9			XBINTO	01	XBINTO	00	1	THI	E3	28A	IOC INTERROGATE	
17924		XA530	53		XA529	72				16B	9			XBINTO	02	XBINTA	01	1	TQ2	E3	28B		
17925		XA529	72											XBINTO	03	XBCSIA	01	3	TT3	F2	34A		
06684		XA303	55		XA439	79				16B	9			XBIRCD4	005				EXT				
17926		XA439	79		XA432	60				16B	9			XBIRCD4	01	XBIRCO	01	1	THI	F1	39B		
17927		XA432	60		XA430	65				16B	9			XBIRCD4	02	TRQ0A0	01	2	TS8	E1	28A		
17928		XA430	65											XBIRCD4	03				RR4	G3			
17929		XA439	80		XA431	04				16B	9			XBIRCO	01	XBIRCO	00	1	THI	F1	38B		
17930		XA431	04											XBIRCO	02	XMRISA	01	1	TQ2	A2	04A		
17931		XA529	05		XA529	10				16B	9			XBMRCA	01	XBR10R	01	3	TT3	A2	03B		
17932		XA529	10		XA529	18				16B	9			XBMRCA	02	XBR00R	01	3	TT3	A1	07A		
17933		XA529	18		XA529	26				16B	9			XBMRCA	03	XBR30R	01	3	TT3	B2	10A		
17934		XA529	26		XA529	34				16B	9			XBMRCA	04	XBR20R	01	3	TT3	B1	14A		
17935		XA529	34		XA529	42				16B	9			XBMRCA	05	XBR50R	01	3	TT3	C2	16A		
17936		XA529	42		XA529	48				16B	9			XBMRCA	06	XBR40R	01	3	TT3	C1	20A		
17937		XA529	48		XA529	56				16B	9			XBMRCA	07	XBR70R	01	3	TT3	D2	22A		
17938		XA529	56		XA530	72				16B	9			XBMRCA	08	XBR60R	01	3	TT3	D1	26A		
17939		XA530	72											XBMRCA	09	XBMRCA	00	1	TQ2	F2	34A	ENB.CMD.STB.	
17940		XA530	77		XA529	63				16B	9			XBMRDA	01	XBCMA0	01	1	TQ2	F1	38B		
17941		XA529	63		XA530	61				16B	9			XBMRDA	02	XBMRDA	00	1	TT3	E3	33B	DEV RESET	
17942		XA530	61		XA531	41				16B	9			XBMRDA	03	XBENAO	01	2	TQ2	E4	32B		
17943		XA531	41											XBMRDA	04	XBMRD0	01	1	THI	D4	23B		
17944		XA530	71		XA531	46				16B	9			XBMRD0	01	XBMRCA	01	1	TQ2	F2	36A		
17945		XA531	46											XBMRD0	02	XBMRD0	00	1	THI	D4	22B		
17946		XA528	46										J	XBREADX	01	XBREADX	00	1	DCF	C1	25B	TRQ2BB4 BUSS	
17947		XA529	39		XA528	49				16B	9			XBRECO	01	XBRECO	00	1	TT3	C3	19B	DEV OR D REQ	
17948		XA528	49											XBRECO	02	XBREA0X	01	1	DCF	C2	27B		

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	PREFIX	CONNECTOR	PIN	TO	PREFIX	CONNECTOR	PIN	WIRE	MULTI GROUP	CODE	COLOR	IDENT											
17949 17950		XA531 XA529	26 33			XA529 33								XBRE1A XBRE1A	01 02	XBRE1A XBRECO	00 01	1 1	THI TT3	B6 C3	12B 16B		
17951 17952		XA529 XA531	15 27			XA531 27								XBRE10 XBRE10	01 02	XBRE10 XBRE1A	00 01	1 1	TT3 THI	A3 B6	07B 13B	DEV REQ 0+1+2	
17953 17954		XA529 XA531	35 31			XA531 31								XBRE2A XBRE2A	01 02	XBRECO XBRE2A	01 00	2 1	TT3 THI	C3 C5	17B 16B		
17955 17956		XA529 XA531	27 33			XA531 33								XBRE20 XBRE20	01 02	XBRE20 XBRE2A	00 01	1 1	TT3 THI	B3 C5	13B 17B	DEV REQ 3+4+5	
17957 17958		XA529 XA531	37 42			XA531 42								XBRE3A XBRE3A	01 02	XBRECO XBRE3A	01 00	3 1	TT3 THI	C3 C6	18B 18B		
17959 17960		XA531 XA530	39 66			XA530 66								XBRE30 XBRE30	01 02	XBRE3A XBRE30	01 00	1 1	THI TQ2	C6 E1	19B 31A	DEV REQ 6+7	
17961 17962		XA530 XA531	08 13			XA531 13								XBROCA XBROCA	01 02	XBROOS XBROCA	01 00	1 1	TQ2 THI	A1 A1	06A 06A		
17963		XA526	55									J		XBROCDX	01	XBROCDX	00	1	DCF	C3	30B	XBRODB4 BUSS	
17964 17965		XA526 XA531	56 11			XA531 11								XBROCOX XBROCOX	01 02	XBROCOX XBROCA	00 01	1 1	DCF THI	C4 A1	29B 07A	DEV REQ REC. 0	
07776 17968		XA410 XA532	61 19			XA532 55								XBRODB4 XBRODB4	005 01				RR4 RR4	G5 B5			C13
17969 17966		XA526 XA401	55 59			XA401 59							P	XBROCDX XBRODB4	02 03	XBRODB4	01	1	DCF EXT	C3	30B		A01 A01
17971 17972		XA401 XA526	60 53			XA526 53								XBRODB4R XBRODB4R	01 02				EXT DCF				
17973 17974		XA530 XA529	09 08			XA529 08								XBRORA XBRORA	01 02	XBRORA XBROOR	00 01	1 2	TQ2 TT3	A3 A1	04B 06A		
17975 17976		XA529 XA531	09 03			XA531 03								XBROOA XBROOA	01 02	XBRE10 XBROOA	01 00	1 1	TT3 THI	A3 A3	04B 03A		
17977 17978		XA530 XA529	10 04			XA529 04								XBROOR XBROOR	01 02	XBROOS XBROOR	01 00	2 1	TQ2 TT3	A1 A1	07A 04A		
17979 17980 17981 17982		XA527 XA529 XA530 XA531	11 06 06 04			XA529 06 06 04								XBROOS XBROOS XBROOS XBROOS	01 02 03 04	XBROBOX XBROOR XBROOS XBROOA	01 01 00 01	1 1 1 1	DCF TT3 TQ2 THI	A2 A1 A1 A3	04B 05A 05A 02A	DEV REQ 0	
														****	SIGNAL	(XBRICA			IS ON THE	NEXT PAGE	****		

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	PREFIX	CONNECTOR	PIN	PREFIX	CONNECTOR	PIN	SIZE																	
17983		XA530	04		XA531	08				16B	9		XBR1CA	01	XBR10S	01	1	TQ2	A2		04A			
17984		XA531	08										XBR1CA	02	XBR1CA	00	1	TH1	A2		04A			
17985		XA526	60										J XBR1CDX	01	XBR1CDX	00	1	DCF	C5		31B	XBR1DB4 BUSS		
17986		XA526	57		XA531	06				16B	9		XBR1COX	01	XBR1COX	00	1	DCF	C6		31A	DEV REQ REC. 1		
17987		XA531	06										XBR1COX	02	XBR1CA	01	1	TH1	A2		05A			
07777		XA410	62		XA532	36				16B	9		XBR1DB4	005				RR4	F1				C13	
17990		XA532	36		XA526	60				16B	9		XBR1DB4	01				RR4	C1					
17991		XA526	60		XA401	61				16B	9		P XBR1CDX	02	XBR1DB4	01	1	DCF	C5		31B		A01	
17989		XA401	61										XBR1DB4	03				EXT					A01	
17993		XA401	62		XA526	58				16B	9		XBR1DB4R	01				EXT						
17994		XA526	58										XBR1DB4R	02				DCF						
17995		XA530	15		XA529	03				16B	9		XBR1RA	01	XBR1RA	00	1	TQ2	A4		07B			
17996		XA529	03										XBR1RA	02	XBR1OR	01	2	TT3	A2		02A			
17997		XA529	11		XA531	01				16B	9		XBR10A	01	XBRE10	01	2	TT3	A3		05B			
17998		XA531	01										XBR10A	02	XBR10A	00	1	TH1	A4		02B			
17999		XA530	05		XA529	07				16B	9		XBR1OR	01	XBR10S	01	2	TQ2	A2		03B			
18000		XA529	07										XBR1OR	02	XBR1OR	00	1	TT3	A2		03A			
18001		XA527	13		XA529	01				16B	9		XBR10S	01	XB0180X	01	1	DCF	A4		05B			
18002		XA529	01		XA530	01				16B	9		XBR10S	02	XBR1OR	01	1	TT3	A2		02B			
18003		XA530	01		XA531	05				16B	9		XBR10S	03	XBR10S	00	1	TQ2	A2		02B	DEV REQ 1		
18004		XA531	05										XBR10S	04	XBR10A	01	1	TH1	A4		03B			
18005		XA530	24		XA531	24				16B	9		XBR2CA	01	XBR20S	01	1	TQ2	B1		13A			
18006		XA531	24										XBR2CA	02	XBR2CA	00	1	TH1	B1		13A			
18007		XA526	43										J XBR2CDX	01	XBR2CDX	00	1	DCF	C7		25A	XBR2DB4 BUSS		
18008		XA526	48		XA531	22				16B	9		XBR2COX	01	XBR2COX	00	1	DCF	C8		26A	DEV REQ REC. 2		
18009		XA531	22										XBR2COX	02	XBR2CA	01	1	TH1	B1		14A			
07778		XA410	63		XA532	38				16B	9		XBR2DB4	005				RR4	G4				C13	
18012		XA532	38		XA526	43				16B	9		XBR2DB4	01				RR4	C2					
18013		XA526	43		XA401	63				16B	9		P XBR2CDX	02	XBR2DB4	01	1	DCF	C7		25A		A01	
18011		XA401	63										XBR2DB4	03				EXT					A01	
18015		XA401	64		XA526	44				16B	9		XBR2DB4R	01				EXT						
18016		XA526	44										XBR2DB4R	02				DCF						
18017		XA530	21		XA529	24				16B	9		XBR2RA	01	XBR2RA	00	1	TQ2	B3		10B			
18018		XA529	24										XBR2RA	02	XBR2OR	01	2	TT3	B1		13A			
18019		XA529	13		XA531	18				16B	9		XBR20A	01	XBRE10	01	3	TT3	A3		06B			
										****	SIGNAL		XBR20A		IS ON THE			NEXT PAGE		****				

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	PREFIX	CONNECTOR	PIN	PREFIX	CONNECTOR	PIN	WIRE	MULTI GROUP	CODE	COLOR												IDENT
18020		XA531	18									XBR20A	02	XBR20A	00	1	THI	B3		09A		
18021		XA530	26		XA529	20			16B	9		XBR20R	01	XBR20S	01	2	TQ2	B1		14A		
18022		XA529	20									XBR20R	02	XBR20R	00	1	TT3	B1		11A		
18023		XA527	08		XA529	22			16B	9		XBR20S	01	XB0280X	01	1	DCF	A6		06A		
18024		XA529	22		XA530	22			16B	9		XBR20S	02	XBR20R	01	1	TT3	B1		12A		
18025		XA530	22		XA531	20			16B	9		XBR20S	03	XBR20S	00	1	TQ2	B1		12A	DEV REQ 2	
18026		XA531	20									XBR20S	04	XBR20A	01	1	THI	B3		10A		
18027		XA530	18		XA531	25			16B	9		XBR3CA	01	XBR30S	01	1	TQ2	B2		10A		
18028		XA531	25									XBR3CA	02	XBR3CA	00	1	THI	B2		11A		
18029		XA526	65								J	XBR3CDX	01	XBR3CDX	00	1	DCF	D1		32B	XBR3DB4 BUSS	
18030		XA526	69		XA531	23			16B	9		XBR3COX	01	XBR3COX	00	1	DCF	D2		33B	DEV REQ REC. 3	
18031		XA531	23									XBR3COX	02	XBR3CA	01	1	THI	B2		12A		
07779		XA410	65		XA532	23			16B	9		XBR3DB4	005				RR4	G3			C13	
18034		XA532	23		XA526	65			16B	9		XBR3DB4	01				RR4	C3				
18035		XA526	65		XA401	65			16B	9	P	XBR3CDX	02	XBR3DB4	01	1	DCF	D1		32B	A01	
18033		XA401	65									XBR3DB4	03				EXT				A01	
18037		XA401	66		XA526	67			16B	9		XBR3DB4R	01				EXT					
18038		XA526	67									XBR3DB4R	02				DCF					
18039		XA530	27		XA529	17			16B	9		XBR3RA	01	XBR3RA	00	1	TQ2	B4		13B		
18040		XA529	17									XBR3RA	02	XBR30R	01	2	TT3	B2		08B		
18041		XA529	21		XA531	14			16B	9		XBR30A	01	XBRE20	01	1	TT3	B3		10B		
18042		XA531	14									XBR30A	02	XBR30A	00	1	THI	B4		08B		
18043		XA530	20		XA529	19			16B	9		XBR30R	01	XBR30S	01	2	TQ2	B2		11A		
18044		XA529	19									XBR30R	02	XBR30R	00	1	TT3	B2		09B		
18045		XA531	17		XA530	14			16B	9		XBR30S	01	XBR30A	01	1	THI	B4		09B		
18046		XA530	14		XA529	14			16B	9		XBR30S	02	XBR30S	00	1	TQ2	B2		09A		
18047		XA529	14		XA527	04			16B	9		XBR30S	03	XBR30R	01	1	TT3	B2		09A	DEV REQ 3	
18048		XA527	04									XBR30S	04	XB0380X	01	1	DCF	A8		04A		
18049		XA530	40		XA531	40			16B	9		XBR4CA	01	XBR40S	01	1	TQ2	C1		19A		
18050		XA531	40									XBR4CA	02	XBR4CA	00	1	THI	C1		19A		
18051		XA526	78								J	XBR4CDX	01	XBR4CDX	00	1	DCF	D3		37B	XBR4DB4 BUSS	
18052		XA526	75		XA531	38			16B	9		XBR4COX	01	XBR4COX	00	1	DCF	D4		36B	DEV REQ REC. 4	
18053		XA531	38									XBR4COX	02	XBR4CA	01	1	THI	C1		20A		
07780		XA410	66		XA526	78			16B	9		XBR4DB4	005				RR4	G2			C13	
18056		XA526	78		XA532	25			16B	9	P	XBR4CDX	01	XBR4DB4	01	1	DCF	D3		37B		
											****	SIGNAL	(XBR4DB4)	IS ON THE				NEXT PAGE	****			

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RECORD NUMBER	FROM			TO			WIRE				SIGNAL	SEQ NO	EQUATION	TERM FACTOR	CKT OR CHIP TYPE	GROUP	LOAD OR POWER PLANE	TEST POINTS AND/OR	SIGNAL DESCRIPTION	ECO NO		
	PREFIX	CONNECTOR	PIN	PREFIX	CONNECTOR	PIN	SH TO	MULTI GROUP	CODE	COLOR											IDENT	
18057		XA532	25		XA401	67			16B	9			XBR4DB4	02								
18055		XA401	67										XBR4DB4	03		RR4	C4			A01		
18059		XA401	68		XA526	77			16B	9			XBR4DB4R	01		EXT				A01		
18060		XA526	77										XBR4DB4R	02		DCF						
18061		XA530	33		XA529	40			16B	9			XBR4RA	01	XBR4RA	00 1	TQ2	C3		16B		
18062		XA529	40										XBR4RA	02	XBR4OR	01 2	TT3	C1		19A		
18063		XA529	23		XA531	34			16B	9			XBR40A	01	XBRE20	01 2	TT3	B3		11B		
18064		XA531	34										XBR40A	02	XBR40A	00 1	THI	C3		15A		
18065		XA530	42		XA529	36			16B	9			XBR40R	01	XBR40S	01 2	TQ2	C1		20A		
18066		XA529	36										XBR40R	02	XBR40R	00 1	TT3	C1		17A		
18067		XA527	31		XA529	38			16B	9			XBR40S	01	XB04BOX	01 1	DCF	B2		12B		
18068		XA529	38		XA530	38			16B	9			XBR40S	02	XBR40R	01 1	TT3	C1		18A		
18069		XA530	38		XA531	36			16B	9			XBR40S	03	XBR40S	00 1	TQ2	C1		18A		
18070		XA531	36										XBR40S	04	XBR40A	01 1	THI	C3		16A		
18071		XA530	34		XA531	37			16B	9			XBR5CA	01	XBR50S	01 1	TQ2	C2		16A		
18072		XA531	37										XBR5CA	02	XBR5CA	00 1	THI	C2		17A		
18073		XA526	80								J	XBR5CDX	01	XBR5CDX	00 1	DCF	D5		38B	XBR5DB4 BUSS		
18074		XA526	76		XA531	35			16B	9			XBR5COX	01	XBR5COX	00 1	DCF	D6		38A		
18075		XA531	35										XBR5COX	02	XBR5CA	01 1	THI	C2		18A		
07781		XA410	71		XA526	80			16B	9			XBR5DB4	005								
18078		XA526	80		XA532	29			16B	9	P	XBR5CDX	01	XBR5DB4	01 1	DCF	O5		38B	C13		
18079		XA532	29		XA401	69			16B	9			XBR5DB4	02		RR4	C5					
18077		XA401	69										XBR5DB4	03		EXT				A01		
18081		XA401	70		XA526	79			16B	9			XBR5DB4R	01		EXT				A01		
18082		XA526	79										XBR5DB4R	02		DCF				40B		
18083		XA530	39		XA529	30			16B	9			XBR5RA	01	XBR5RA	00 1	TQ2	C4		19B		
18084		XA529	30										XBR5RA	02	XBR50R	01 2	TT3	C2		15A		
18085		XA529	25		XA531	30			16B	9			XBR50A	01	XBRE20	01 3	TT3	B3		12B		
18086		XA531	30										XBR50A	02	XBR50A	00 1	THI	C4		14B		
18087		XA530	36		XA529	31			16B	9			XBR50R	01	XBR50S	01 2	TQ2	C2		17A		
18088		XA529	31										XBR50R	02	XBR50R	00 1	TT3	C2		15B		
18089		XA531	29		XA530	30			16B	9			XBR50S	01	XBR50A	01 1	THI	C4		15B		
18090		XA530	30		XA529	29			16B	9			XBR50S	02	XBR50S	00 1	TQ2	C2		15A		
18091		XA529	29		XA527	33			16B	9			XBR50S	03	XBR50R	01 1	TT3	C2		14B		
18092		XA527	33										XBR50S	04	XB05BOX	01 1	DCF	B4		13B		
										****	SIGNAL	(XBR6CA)	IS ON THE NEXT PAGE ****									

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	PREFIX	CONNECTOR	PIN	DR. LG	PREFIX	CONNECTOR	PIN	DR. LG	MULTI GROUP	CODE	COLOR	IDENT											
18093		XA530	54		XA531	54							XBR6CA	01	XBR60S	01	1	TQ2	D1		25A		
18094		XA531	54										XBR6CA	02	XBR6CA	00	1	THI	D1		25A		
18095		XA526	61									J	XBR6CDX	01	XBR6CDX	00	1	DCF	D7		33A	XBR6DB4 BUSS	
18096		XA526	68		XA531	52							XBR6COX	01	XBR6COX	00	1	DCF	D8		34A	DEV REQ REC. 6	
18097		XA531	52										XBR6COX	02	XBR6CA	01	1	THI	D1		26A		
07782		XA410	72		XA532	42							XBR6DB4	005				RR4	G1			C13	
18100		XA532	42		XA526	61							XBR6DB4	01				RR4	D1				
18101		XA526	61		XA401	71						P	XBR6CDX	02	XBR6DB4	01	1	DCF	D7		33A	A01	
18099		XA401	71										XBR6DB4	03				EXT				A01	
18103		XA401	72		XA526	59							XBR6DB4R	01				EXT					
18104		XA526	59										XBR6DB4R	02				DCF					
18105		XA530	45		XA529	54							XBR6RA	01	XBR6RA	00	1	TQ2	D3		24B		
18106		XA529	54										XBR6RA	02	XBR6OR	01	2	TT3	D1		25A		
18107		XA529	50		XA530	56							XBR6OR	01	XBR6OR	00	1	TT3	D1		23A		
18108		XA530	56		XA530	68							XBR6OR	02	XBR60S	01	2	TQ2	D1		26A		
18109		XA530	68										XBR6OR	03	XBRE30	01	1	TQ2	E1		32A		
18110		XA530	52		XA529	52							XBR60S	01	XBR60S	00	1	TQ2	D1		24A	DEV REQ 6	
18111		XA529	52		XA527	38							XBR60S	02	XBR6OR	01	1	TT3	D1		24A		
18112		XA527	38										XBR60S	03	XB0680X	01	1	DCF	B6		14A		
18113		XA531	49		XA530	48							XBR7CA	01	XBR7CA	00	1	THI	D2		23A		
18114		XA530	48										XBR7CA	02	XBR70S	01	1	TQ2	D2		22A		
18115		XA528	65									J	XBR7CDX	01	XBR7CDX	00	1	DCF	D1		32B	XBR7DB4 BUSS	
18116		XA528	69		XA531	47							XBR7COX	01	XBR7COX	00	1	DCF	D2		33B	DEV REQ REC. 7	
18117		XA531	47										XBR7COX	02	XBR7CA	01	1	THI	D2		24A		
07783		XA410	73		XA532	46							XBR7DB4	005				RR4	H4			C13	
18120		XA532	46		XA528	65							XBR7DB4	01				RR4	D2				
18121		XA528	65		XA401	73						P	XBR7CDX	02	XBR7DB4	01	1	DCF	D1		32B	A01	
18119		XA401	73										XBR7DB4	03				EXT				A01	
18123		XA401	74		XA528	67							XBR7DB4R	01				EXT					
18124		XA528	67										XBR7DB4R	02				DCF					
18125		XA530	51		XA529	46							XBR7RA	01	XBR7RA	00	1	TQ2	D4		27B		
18126		XA529	46										XBR7RA	02	XBR7OR	01	2	TT3	D2		21A		
18127		XA529	43		XA530	50							XBR7OR	01	XBR7OR	00	1	TT3	D2		23B		
18128		XA530	50		XA530	70							XBR7OR	02	XBR70S	01	2	TQ2	D2		23A		
18129		XA530	70										XBR7OR	03	XBRE30	01	2	TQ2	E1		33A		
													****	SIGNAL (XBR70S)		IS ON THE NEXT PAGE				****			

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	PREFIX	CONNECTOR	PIN	PIN	CONNECTOR	PIN	MULTI GROUP	CODE	COLOR	IDENT												
18130		XA530	46		XA529	41		16B	9			XBR70S	01	XBR70S	00	1	TQ2	D2		21A	DEV REQ 7	
18131		XA529	41		XA527	34		16B	9			XBR70S	02	XBR70R	01	1	TT3	D2		22B		
18132		XA527	34									XBR70S	03	XB0780X	01	1	DCF	B8		12A		
18133		XA528	72		XA530	60		16B	9			XBSTBA	01	XB77CDX	01	1	DCF	D1		36A		
18134		XA530	60									XBSTBA	02	XBSTBA	00	1	TQ2	E2		28A		
18135		XA530	73		XA529	70		16B	9			XBSTB0	01	XBMRCA	01	2	TQ2	F2		36B		
18136		XA529	70		XA530	64		16B	9			XBSTB0	02	XBCSSA	01	3	TT3	E1		33A		
18137		XA530	64		XA531	56		16B	9			XBSTB0	03	XBSTBA	01	2	TQ2	E2		30A		
18138		XA531	56									XBSTB0	04	XBSTB0	00	1	THI	E4		28B	IOC STROBE	
18139		XA527	46								J	XBOPADX	01	XBOPADX	00	1	DCF	C1		25B	TDIP8B4 BUSS	
18140		XA526	46								J	XBOPCDX	01	XBOPCDX	00	1	DCF	C1		25B	XBOP8B4 BUSS	
18141		XA526	47		XA527	49		16B	9			XBOPCOX	01	XBOPCOX	00	1	DCF	C2		26B		
18142		XA527	49									XBOPCOX	02	XBOPA0X	01	1	DCF	C2		27B		
07775		XA410	56		XA532	17		16B	9			XBOPDB4	005				RR4	F2				C13
18145		XA532	17		XA526	46		16B	9			XBOPDB4	01				RR4	B4				
18146		XA526	46		XA401	41		16B	9		P	XBOPCDX	02	XBOPDB4	01	1	DCF	C1		25B	DEV DATA LINE PARI	A01
18144		XA401	41									XBOPDB4	03				EXT					A01
18148		XA401	42		XA526	45		16B	9			XBOPDB4R	01				EXT					
18149		XA526	45									XBOPDB4R	02				DCF			27A		
18150		XA528	07								J	XB00ADX	01	XB00ADX	00	1	DCF	A1		02B	TDI08B4 BUSS	
18151		XA527	07								J	XB00BDX	01	XB00BDX	00	1	DCF	A1		02B	TDI08B4 BUSS	
18152		XA526	07								J	XB00CDX	01	XB00CDX	00	1	DCF	A1		02B	XB000B4 BUSS	
18153		XA526	09		XA528	11		16B	9			XB00COX	01	XB00COX	00	1	DCF	A2		03B		
18154		XA528	11		XA530	03		16B	9			XB00COX	02	XB00A0X	01	1	DCF	A2		04B		
18155		XA530	03									XB00COX	03	XB00ORA	01	1	TQ2	A3		02A		
07769		XA410	41		XA532	08		16B	9			XB00DB4	005				RR4	E5				C13
18158		XA532	08		XA526	07		16B	9			XB00DB4	01				RR4	A1				
18159		XA526	07		XA401	43		16B	9		P	XB00CDX	02	XB00DB4	01	1	DCF	A1		02B	DEV DATA LINE 0	A01
18157		XA401	43									XB00DB4	03				EXT					A01
18161		XA401	44		XA526	05		16B	9			XB00DB4R	01				EXT					
18162		XA526	05									XB00DB4R	02				DCF					
18163		XA528	17								J	XB01ADX	01	XB01ADX	00	1	DCF	A3		07B	TDI18B4 BUSS	
18164		XA527	17								J	XB01BDX	01	XB01BDX	00	1	DCF	A3		07B	TDI18B4 BUSS	
18165		XA526	17								J	XB01CDX	01	XB01CDX	00	1	DCF	A3		07B	XB01DB4 BUSS	

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	PREFIX	CONNECTOR	PIN	WIRE NO	PREFIX	CONNECTOR	PIN	WIRE NO	MULTI GROUP	CODE	COLOR	IDENT											
18166		XA526	15		XA528	13			16B	9			XB01COX	01	XB01COX	00	1	DCF	A4		06B		
18167		XA528	13		XA530	11			16B	9			XB01COX	02	XB01A0X	01	1	DCF	A4		05B		
18168		XA530	11										XB01COX	03	XBR1RA	01	1	TQ2	A4		05B		
07770		XA410	45		XA532	10			16B	9			XB01DB4	005				RR4	E4				C13
18171		XA532	10		XA526	17			16B	9			XB01DB4	01				RR4	A2				
18172		XA526	17		XA401	45			16B	9	P		XB01CDX	02	XB01DB4	01	1	DCF	A3		07B	DEV DATA LINE 1	A01
18170		XA401	45										XB01DB4	03				EXT					A01
18174		XA401	46		XA526	19			16B	9			XB01DB4R	01				EXT					
18175		XA526	19										XB01DB4R	02				DCF					
18176		XA528	14								J		XB02ADX	01	XB02ADX	00	1	DCF	A5		08B	TDI28B4 BUSS	
18177		XA527	14								J		XB02BDX	01	XB02BDX	00	1	DCF	A5		08B	TDI28B4 BUSS	
18178		XA526	14								J		XB02CDX	01	XB02CDX	00	1	DCF	A5		08B	XB02DB4 BUSS	
18179		XA526	10		XA528	08			16B	9			XB02COX	01	XB02COX	00	1	DCF	A6		07A		
18180		XA528	08		XA530	17			16B	9			XB02COX	02	XB02A0X	01	1	DCF	A6		06A		
18181		XA530	17										XB02COX	03	XBR2RA	01	1	TQ2	B3		08B		
07771		XA410	47		XA532	05			16B	9			XB02DB4	005				RR4	E3				C13
18184		XA532	05		XA526	14			16B	9			XB02DB4	01				RR4	A3				
18185		XA526	14		XA401	47			16B	9	P		XB02CDX	02	XB02DB4	01	1	DCF	A5		08B	DEV DATA LINE 2	A01
18183		XA401	47										XB02DB4	03				EXT					A01
18187		XA401	48		XA526	16			16B	9			XB02DB4R	01				EXT					
18188		XA526	16										XB02DB4R	02				DCF					
18189		XA528	01								J		XB03ADX	01	XB03ADX	00	1	DCF	A7		02A	TDI38B4 BUSS	
18190		XA527	01								J		XB03BDX	01	XB03BDX	00	1	DCF	A7		02A	TDI38B4 BUSS	
18191		XA526	01								J		XB03CDX	01	XB03CDX	00	1	DCF	A7		02A	XB03DB4 BUSS	
18192		XA526	03		XA528	04			16B	9			XB03COX	01	XB03COX	00	1	DCF	A8		03A		
18193		XA528	04		XA530	23			16B	9			XB03COX	02	XB03A0X	01	1	DCF	A8		04A		
18194		XA530	23										XB03COX	03	XBR3RA	01	1	TQ2	B4		11B		
20464		XA410	48		XA532	07			16B	9			XB03DB4	005				RR4	E2				C13
18197		XA532	07		XA526	01			16B	9			XB03DB4	01				RR4	A4				
18198		XA526	01		XA401	49			16B	9	P		XB03COX	02	XB03DB4	01	1	DCF	A7		02A	DEV DATA LINE 3	A01
18196		XA401	49										XB03DB4	03				EXT					A01
18200		XA401	50		XA526	02			16B	9			XB03DB4R	01				EXT					
18201		XA526	02										XB03DB4R	02				DCF			01A		
												**** SIGNAL (XB04ADX) IS ON THE NEXT PAGE ****											

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	PREFIX	CONNECTOR	PIN	PREFIX	CONNECTOR	PIN	MULTI GROUP	CODE	COLOR	IDENT												
18202		XA528	27								J	XB04ADX	01	XB04ADX	00	1	DCF	B1		10B	TDI48B4 BUSS	
18203		XA527	27								J	XB04BDX	01	XB04BDX	00	1	DCF	B1		10B	TDI48B4 BUSS	
18204		XA526	27								J	XB04CDX	01	XB04CDX	00	1	DCF	B1		10B	XB04DB4 BUSS	
18205		XA526	29		XA528	31			16B	9		XB04C0X	01	XB04C0X	00	1	DCF	B2		11B		
18206		XA528	31		XA530	29			16B	9		XB04C0X	02	XB04A0X	01	1	DCF	B2		12B		
18207		XA530	29									XB04C0X	03	XBR4RA	01	1	TQ2	C3		14B		
07772		XA410	51		XA532	09			16B	9		XB04DB4	005				RR4	F5				C13
18210		XA532	09		XA526	27			16B	9		XB04DB4	01				RR4	A5				
18211		XA526	27		XA401	51			16B	9	P	XB04CDX	02	XB04DB4	01	1	DCF	B1		10B	DEV DATA LINE 4	A01
18209		XA401	51									XB04DB4	03				EXT					A01
18213		XA401	52		XA526	25			16B	9		XB04DB4R	01				EXT					
18214		XA526	25									XB04DB4R	02				DCF					
18215		XA528	37								J	XB05ADX	01	XB05ADX	00	1	DCF	B3		15B	TDI58B4 BUSS	
18216		XA527	37								J	XB05BDX	01	XB05BDX	00	1	DCF	B3		15B	TDI58B4 BUSS	
18217		XA526	37								J	XB05CDX	01	XB05CDX	00	1	DCF	B3		15B	XB05DB4 BUSS	
18218		XA526	35		XA528	33			16B	9		XB05C0X	01	XB05C0X	00	1	DCF	B4		14B		
18219		XA528	33		XA530	35			16B	9		XB05C0X	02	XB05A0X	01	1	DCF	B4		13B		
18220		XA530	35									XB05C0X	03	XBR5RA	01	1	TQ2	C4		17B		
20463		XA410	52		XA532	20			16B	9		XB05DB4	005				RR4	E1				C13
18223		XA532	20		XA526	37			16B	9		XB05DB4	01				RR4	B1				
18224		XA526	37		XA401	53			16B	9	P	XB05CDX	02	XB05DB4	01	1	DCF	B3		15B	DEV DATA LINE 5	A01
18222		XA401	53									XB05DB4	03				EXT					A01
18226		XA401	54		XA526	39			16B	9		XB05DB4R	01				EXT					
18227		XA526	39									XB05DB4R	02				DCF					
18228		XA528	41								J	XB06ADX	01	XB06ADX	00	1	DCF	B5		16A	TDI68B4 BUSS	
18229		XA527	41								J	XB06BDX	01	XB06BDX	00	1	DCF	B5		16A	TDI68B4 BUSS	
18230		XA526	41								J	XB06CDX	01	XB06CDX	00	1	DCF	B5		16A	XB06DB4 BUSS	
18231		XA530	41		XA528	38			16B	9		XB06C0X	01	XBR6RA	01	1	TQ2	D3		22B		
18232		XA528	38		XA526	40			16B	9		XB06C0X	02	XB06A0X	01	1	DCF	B6		14A		
18233		XA526	40									XB06C0X	03	XB06C0X	00	1	DCF	B6		15A		
07773		XA410	53		XA532	26			16B	9		XB06DB4	005				RR4	F4				C13
18236		XA532	26		XA526	41			16B	9		XB06DB4	01				RR4	B2				
18237		XA526	41		XA401	55			16B	9	P	XB06CDX	02	XB06DB4	01	1	DCF	B5		16A	DEV DATA LINE 6	A01
18235		XA401	55									XB06DB4	03				EXT					A01

DRAWING NUMBER		149019-800		STRING		UNIT ASSEMBLY NO.		149019		REV		G		INDEX		XB06DB4								
UNIT ASSEMBLY NAME		CARD CAGE ASSY, I/O UNIT		FILE IDENT		T39BIUX2		DATE		09-03-82		PAGE		357										
RECORD NUMBER	FROM			TO			WIRE				SIGNAL	SEQ 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														
18239		XA401	56																					
18240		XA526	42		XA526	42			16B	9						EXT								
																DCF						20B		
18241		XA528	23								J	XB07ADX	01	XB07ADX	00	1	DCF	B7				10A	TDI78B4 BUSS	
18242		XA527	23								J	XB07BDX	01	XB07BDX	00	1	DCF	B7				10A	TDI78B4 BUSS	
18243		XA526	23								J	XB07CDX	01	XB07CDX	00	1	DCF	B7				10A	XB07DB4 BUSS	
18244		XA526	30		XA528	34			16B	9		XB07COX	01	XB07COX	00	1	DCF	B8				11A		
18245		XA528	34		XA530	47			16B	9		XB07COX	02	XB07A0X	01	1	DCF	B8				12A		
18246		XA530	47									XB07COX	03	XBR7RA	01	1	TQ2	D4				25B		
07774		XA410	55		XA532	24			16B	9		XB07DB4	005				RR4	F3					C13	
18249		XA532	24		XA526	23			16B	9		XB07DB4	01				RR4	B3						
18250		XA526	23		XA401	57			16B	9	P	XB07CDX	02	XB07DB4	01	1	DCF	B7				10A	DEV DATA LINE 7	
18248		XA401	57									XB07DB4	03				EXT						A01	
18252		XA401	58		XA526	21			16B	9		XB07DB4R	01				EXT							
18253		XA526	21									XB07DB4R	02				DCF							
18254		XA535	74		XA537	75			16B	9		XCCMA0	01	XCCMC0X	01	1	DCF	D6				37A		
18255		XA537	75									XCCMA0	02	XCCMA0	00	1	TQ2	F1				37B	DEV COMMAND	
18256		XA535	80								J	XCCMC0X	01	XCCMC0X	00	1	DCF	D5				38B	XCCMDB4 BUSS	
07806		XA411	76		XA535	80			16B	9		XCCMDB4	005				RR4	H2					C13	
18259		XA535	80		XA532	73			16B	9	P	XCCMC0X	01	XCCMDB4	01	1	DCF	D5				38B	DEV COMMAND LINE	
18260		XA532	73		XA403	49			16B	9		XCCMDB4	02				RR4	H4					C02	
18258		XA403	49									XCCMDB4	03				EXT						A01	
18262		XA403	50		XA535	79			16B	9		XCCMDB4R	01				EXT							
18263		XA535	79									XCCMDB4R	02				DCF						40B	
18264		XA536	79		XA536	59			16B	9		XCCMDO	01	XCCSCA	01	3	TT3	F1				39B		
18265		XA536	59		XA538	68			16B	9		XCCMDO	02	XCMRDA	01	2	TT3	E3				31B		
18266		XA538	68									XCCMDO	03	XCCMDO	00	1	THI	E6				32B	IOC COMMAND	
18267		XA537	79		XA536	73			16B	9		XCCSCA	01	XCCMA0	01	2	TQ2	F1				39B		
18268		XA536	73									XCCSCA	02	XCCSCA	00	1	TT3	F1				36B	CH.SEL.COMMAND	
18269		XA534	52		XA536	51			16B	9		XCCSDA	01	XCOPADX	01	1	DCF	C1				29A		
18270		XA536	51		XA535	36			16B	9		XCCSDA	02	XCCSDA	00	1	TT3	D3				27B	CH.SEL.INTER*	
18271		XA535	36		XA535	06			16B	9		XCCSDA	03	XC04ADX	01	1	DCF	B1				13A		
18272		XA535	06									XCCSDA	04	XC00ADX	01	1	DCF	A1				05A		
18273		XA538	50		XA537	59			16B	9		XCCSEA	01	XCCSE0	01	1	THI	D3				22A		
18274		XA537	59		XA536	55			16B	9		XCCSEA	02	XCENAO	01	1	TQ2	E4				31B		
												****	SIGNAL	(XCCSEA)	IS ON THE	NEXT PAGE	****						

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 UNIT ASSEMBLY NAME CARD CAGE ASSY, I/O UNIT

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 DATE 09-03-82
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RECORD NUMBER	FROM				TO				WIRE				SFC INST. MISC	SIGNAL	SEC NO	EQU. TION	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		
18275		XA536	55										XCCSEA	03	XCCSEA	00	1	TT3	E2		29B		CH. SEL. ENABLE		
18276		XA537	07		XA537	13			16B	9			XCCSE0	01	XCR0RA	01	2	TQ2	A3		03A				
18277		XA537	13		XA537	19			16B	9			XCCSE0	02	XCR1RA	01	2	TQ2	A4		06B				
18278		XA537	19		XA537	25			16B	9			XCCSE0	03	XCR2RA	01	2	TQ2	B3		09B				
18279		XA537	25		XA537	31			16B	9			XCCSE0	04	XCR3RA	01	2	TQ2	B4		12B				
18280		XA537	31		XA537	37			16B	9			XCCSE0	05	XCR4RA	01	2	TQ2	C3		15B				
18281		XA537	37		XA537	43			16B	9			XCCSE0	06	XCR5RA	01	2	TQ2	C4		18B				
18282		XA537	43		XA537	49			16B	9			XCCSE0	07	XCR6RA	01	2	TQ2	D3		23B				
18283		XA537	49		XA538	48			16B	9			XCCSE0	08	XCR7RA	01	2	TQ2	D4		26B				
18284		XA538	48										XCCSE0	09	XCCSE0	00	1	THI	D3		21A				
18285		XA534	06		XA534	36			16B	9			XCCSIA	01	XC00BDX	01	1	DCF	A1		05A				
18286		XA534	36		XA536	74			16B	9			XCCSIA	02	XC04BDX	01	1	DCF	B1		13A				
18287		XA536	74										XCCSIA	03	XCCSIA	00	1	TT3	F2		35B		CH. SEL. INTER		
18288		XA536	64		XA533	52			16B	9			XCCSSA	01	XCCSSA	00	1	TT3	E1		30A		CH. SEL. STROBE		
18289		XA533	52		XA533	36			16B	9			XCCSSA	02	XC0PCDX	01	1	DCF	C1		29A				
18290		XA533	36		XA533	06			16B	9			XCCSSA	03	XC04CDX	01	1	DCF	B1		13A				
18291		XA533	06										XCCSSA	04	XC00CDX	01	1	DCF	A1		05A				
18292		XA535	70		XA537	63			16B	9			XCENAO	01	XCENCOX	01	1	DCF	D8		35A				
18293		XA537	63										XCENAO	02	XCENAO	00	1	TQ2	E4		33B		DEV ENABLE		
18294		XA536	62		XA536	57			16B	9			XCENB0	01	XCCSEA	01	3	TT3	E2		29A				
18295		XA536	57		XA538	57			16B	9			XCENB0	02	XCMRDA	01	1	TT3	E3		30B				
18296		XA538	57										XCENB0	03	XCENB0	00	1	THI	E5		30B		IOC ENABLE		
18297		XA535	61									J	XCENCDC	01	XCENCDC	00	1	DCF	D7		33A		XCENDB4 BUSS		
07805		XA411	75		XA535	61			16B	9			XCENDB4	005				RR4	H3					C13	
18300		XA535	61		XA532	71			16B	9		P	XCENCDC	01	XCENDB4	01	1	DCF	D7		33A		DEV ENABLE LINE		
18301		XA532	71		XA403	47			16B	9			XCENDB4	02				RR4	H5					C02	
18299		XA403	47										XCENDB4	03				EXT						A01	
18303		XA403	48		XA535	59			16B	9			XCENDB4R	01				EXT							
18304		XA535	59										XCENDB4R	02				DCF							
18305		XA535	73		XA535	71			16B	9			XCGNDA	01	XCINCOX	01	1	DCF	D4		35B				
18306		XA535	71		XA533	51			16B	9			XCGNDA	02	XCR7COX	01	1	DCF	D2		34B				
18307		XA533	51		XA533	54			16B	9			XCGNDA	03	XCROCOX	01	1	DCF	C4		28B				
18308		XA533	54		XA533	50			16B	9			XCGNDA	04	XCR1COX	01	1	DCF	C6		30A				
18309		XA533	50		XA535	52			16B	9			XCGNDA	05	XCR2COX	01	1	DCF	C8		28A				
18310		XA535	52		XA538	19			16B	9			XCGNDA	06	XCREADX	01	1	DCF	C1		29A				
18311		XA538	19										XCGNDA	07	XCGNDA	00	1	THI	B5		10B				
18312		XA536	77		XA536	71			16B	9			XCICRO	01	XCCSCA	01	2	TT3	F1		38B				
18313		XA536	71		XA536	68			16B	9			XCICRO	02	XCCSIA	01	2	TT3	F2		36A				
18314		XA536	68		XA536	60			16B	9			XCICRO	03	XCCSSA	01	2	TT3	E1		32A				
18315		XA536	60		XA538	63			16B	9			XCICRO	04	XCCSEA	01	2	TT3	E2		28A				
									****		SIGNAL		XCICRO											IS ON THE NEXT PAGE ****	

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 UNIT ASSEMBLY NAME CARD CAGE ASSY, I/O UNIT

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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												
18316		XA538	63										XCICRO	05	XCICRO	00	1	THI	E2		30A	IOE ADRS		
18317		XA536	47			XA536	47						XCICRO	06	XCCSDA	01	2	TT3	D3		25B			
18318		XA538	66			XA536	66						XCICSO	01	XCICSO	00	1	THI	E1		32A	IOC CH.SEL		
18319		XA536	66			XA536	65						XCICSO	02	XCCSSA	01	1	TT3	E1		31A			
18320		XA536	65			XA536	75						XCICSO	03	XCCSIA	01	1	TT3	F2		34B			
18321		XA536	75			XA536	53						XCICSO	04	XCCSCA	01	1	TT3	F1		37B			
18322		XA536	53			XA536	45						XCICSO	05	XCCSEA	01	1	TT3	E2		28B			
18323		XA536	45										XCICSO	06	XCCSDA	01	1	TT3	D3		24B			
18324		XA534	55									J	XCINADX	01	XCINADX	00	1	DCF	C3		30B	YINDBB4 BUSS		
18325		XA535	78									J	XCINCDX	01	XCINCDX	00	1	DCF	D3		37B	XCINDB4 BUSS		
18326		XA535	75			XA534	51						XCINCOX	01	XCINCOX	00	1	DCF	D4		36B	DEV INDICATOR REC.		
18327		XA534	51										XCINCOX	02	XCINA0X	01	1	DCF	C4		28B			
07807		XA411	78			XA535	78						XCINDB4	005				RR4	H1				C13	
18330		XA535	78			XA532	75						XCINCDX	01	XCINDB4	01	1	DCF	D3		37B			
18331		XA532	75			XA403	51						XCINDB4	02				RR4	H3				C02	
18329		XA403	51										XCINDB4	03				EXT					A01	
18333		XA403	52			XA535	77						XCINDB4R	01				EXT						
18334		XA535	77										XCINDB4R	02				DCF						
18335		XA536	49			XA537	57						XCINTA	01	XCCSDA	01	3	TT3	D3		26B			
18336		XA537	57										XCINTA	02	XCINTA	00	1	TQ2	E3		30B			
18337		XA538	60			XA537	53						XCINTO	01	XCINTO	00	1	THI	E3		28A	IOC INTERROGATE		
18338		XA537	53			XA536	72						XCINTO	02	XCINTA	01	1	TQ2	E3		28B			
18339		XA536	72										XCINTO	03	XCCSIA	01	3	TT3	F2		34A			
06686		XA303	59			XA439	73						XCIRCD4	005				EXT						
18340		XA439	73			XA432	61						XCIRCD4	01	XCIRCO	01	1	THI	F2		37B			
18341		XA432	61			XA430	63						XCIRCD4	02	TRQ0A0	01	3	TS8	E1		32B			
18342		XA430	63										XCIRCD4	03				RR4	G4					
18343		XA439	71			XA431	03						XCIRCO	01	XCIRCO	00	1	THI	F2		36B			
18344		XA431	03										XCIRCO	02	XMR2SA	01	1	TQ2	A3		02A			
18345		XA536	05			XA536	10						XCMRCA	01	XCR10R	01	3	TT3	A2		03B			
18346		XA536	10			XA536	18						XCMRCA	02	XCROOR	01	3	TT3	A1		07A			
18347		XA536	18			XA536	26						XCMRCA	03	XCR30R	01	3	TT3	B2		10A			
18348		XA536	26			XA536	34						XCMRCA	04	XCR20R	01	3	TT3	B1		14A			
18349		XA536	34			XA536	42						XCMRCA	05	XCR50R	01	3	TT3	C2		16A			
18350		XA536	42			XA536	48						XCMRCA	06	XCR40R	01	3	TT3	C1		20A			
18351		XA536	48			XA536	56						XCMRCA	07	XCR70R	01	3	TT3	D2		22A			
18352		XA536	56			XA537	72						XCMRCA	08	XCR60R	01	3	TT3	D1		26A			
18353		XA537	72										XCMRCA	09	XCMRCA	00	1	TQ2	F2		34A	ENB.CMD.STB.		
													***	SIGNAL	XCMRDA									

DRAWING NUMBER 149019-800
 UNIT ASSEMBLY NAME CARD CAGE ASSY, I/O UNIT

STRING

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RECORD NUMBER	FROM				TO				WIRE				SIGNAL	SEQ NO	EQUATION	TERM	FACTOR	CKT OR CHIP TYPE	GROUP	LOAD OR POWER PLANE	TEST POINTS AND OR	SIGNAL DESCRIPTION	ECO NO	
	PREFIX	CONNECTOR	PIN	QTY	PREFIX	CONNECTOR	PIN	QTY	MULTI GROUP	CODE	COLOR	IDENT												SPEC INST MISC
18354		XA537	77		XA536	63			16B	9			XC MRDA	01	XC MA0	01	1	TQ2	F1		38B	DEV RESET		
18355		XA536	63		XA537	61			16B	9			XC MRDA	02	XC MRDA	00	1	TT3	E3		33B			
18356		XA537	61		XA538	41			16B	9			XC MRDA	03	XC ENA0	01	2	TQ2	E4		32B			
18357		XA538	41										XC MRDA	04	XC MRD0	01	1	THI	D4		23B			
18358		XA538	46		XA537	71			16B	9			XC MRD0	01	XC MRD0	00	1	THI	D4		22B			
18359		XA537	71										XC MRD0	02	XC MRCA	01	1	TQ2	F2		36A			
18360		XA535	46									J	XC READX	01	XC READX	00	1	DCF	C1		25B	TRQ4BB4 BUSS		
18361		XA536	39		XA535	49			16B	9			XC RECO	01	XC RECO	00	1	TT3	C3		19B	DEV OR D REQ		
18362		XA535	49										XC RECO	02	XC REAOX	01	1	DCF	C2		27B			
18363		XA538	26		XA536	33			16B	9			XC RE1A	01	XC RE1A	00	1	THI	B6		12B			
18364		XA536	33										XC RE1A	02	XC RECO	01	1	TT3	C3		16B			
18365		XA536	15		XA538	27			16B	9			XC RE10	01	XC RE10	00	1	TT3	A3		07B	DEV REQ 0+1+2		
18366		XA538	27										XC RE10	02	XC RE1A	01	1	THI	B6		13B			
18367		XA536	35		XA538	31			16B	9			XC RE2A	01	XC RECO	01	2	TT3	C3		17B			
18368		XA538	31										XC RE2A	02	XC RE2A	00	1	THI	C5		16B			
18369		XA536	27		XA538	33			16B	9			XC RE20	01	XC RE20	00	1	TT3	B3		13B	DEV REQ 3+4+5		
18370		XA538	33										XC RE20	02	XC RE2A	01	1	THI	C5		17B			
18371		XA536	37		XA538	42			16B	9			XC RE3A	01	XC RECO	01	3	TT3	C3		18B			
18372		XA538	42										XC RE3A	02	XC RE3A	00	1	THI	C6		18B			
18373		XA538	39		XA537	66			16B	9			XC RE30	01	XC RE3A	01	1	THI	C6		19B			
18374		XA537	66										XC RE30	02	XC RE30	00	1	TQ2	E1		31A	DEV REQ 6+7		
18375		XA537	08		XA538	13			16B	9			XC ROCA	01	XC RO0S	01	1	TQ2	A1		06A			
18376		XA538	13										XC ROCA	02	XC ROCA	00	1	THI	A1		06A			
18377		XA533	55									J	XC ROCDX	01	XC ROCDX	00	1	DCF	C3		30B	XC RO0B4 BUSS		
18378		XA533	56		XA538	11			16B	9			XC ROCOX	01	XC ROCOX	00	1	DCF	C4		29B	DEV REQ REC. 0		
18379		XA538	11										XC ROCOX	02	XC ROCA	01	1	THI	A1		07A			
07797		XA411	61		XA533	55			16B	9			XC RO0B4	005				RR4	G5				C13	
18382		XA533	55		XA532	51			16B	9		P	XC ROCDX	01	XC RO0B4	01	1	DCF	C3		30B			
18383		XA532	51		XA403	25			16B	9			XC RO0B4	02				RR4	F5				A01	
18380		XA403	25										XC RO0B4	03				EXT					A01	
18385		XA533	53		XA403	26			16B	9			XC RO0B4R	01				DCF						
18386		XA403	26										XC RO0B4R	02				EXT						
18387		XA536	08		XA537	09			16B	9			XC RORA	01	XC R00R	01	2	TT3	A1		06A			
18388		XA537	09										XC RORA	02	XC RORA	00	1	TQ2	A3		04B			
													****	SIGNAL	XC R00A			IS ON THE	NEXT PAGE	****				

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	PREFIX	CONNECTOR	PIN	DR PG	PREFIX	CONNECTOR	PIN	DR PG	MULTI GROUP	CODE	COLOR	IDENT												SPC INST MISC
18389		XA538	03			XA536	09			16B	9		XCR00A	01	XCR00A	00	1	THI	A3		03A			
18390		XA536	09										XCR00A	02	XCRE10	01	1	TT3	A3		04B			
18391		XA537	10			XA536	04			16B	9		XCR00R	01	XCR00S	01	2	TQ2	A1		07A			
18392		XA536	04										XCR00R	02	XCR00R	00	1	TT3	A1		04A			
18393		XA534	11			XA536	06			16B	9		XCR00S	01	XC00B0X	01	1	DCF	A2		04B			
18394		XA536	06			XA537	06			16B	9		XCR00S	02	XCR00R	01	1	TT3	A1		05A			
18395		XA537	06			XA538	04			16B	9		XCR00S	03	XCR00S	00	1	TQ2	A1		05A	DEV REQ 0		
18396		XA538	04										XCR00S	04	XCR00A	01	1	THI	A3		02A			
18397		XA537	04			XA538	08			16B	9		XCR1CA	01	XCR10S	01	1	TQ2	A2		04A			
18398		XA538	08										XCR1CA	02	XCR1CA	00	1	THI	A2		04A			
18399		XA533	60									J	XCR1CDX	01	XCR1CDX	00	1	DCF	C5		31B	XCR1DB4 BUSS		
18400		XA533	57			XA538	06			16B	9		XCR1COX	01	XCR1COX	00	1	DCF	C6		31A	DEV REQ REC. 1		
18401		XA538	06										XCR1COX	02	XCR1CA	01	1	THI	A2		05A			
07798		XA411	62			XA532	72			16B	9		XCR1DB4	005				RR4	F1				C13	
18404		XA532	72			XA533	60			16B	9		XCR1DB4	01				RR4	G1					
18405		XA533	60			XA403	29			16B	9		XCR1CDX	02	XCR1DB4	01	1	DCF	C5		31B		C02	
18403		XA403	29										XCR1DB4	03				EXT					A01	
18407		XA533	58			XA403	30			16B	9		XCR1DB4R	01				DCF						
18408		XA403	30										XCR1DB4R	02				EXT						
18409		XA536	03			XA537	15			16B	9		XCR1RA	01	XCR10R	01	2	TT3	A2		02A			
18410		XA537	15										XCR1RA	02	XCR1RA	00	1	TQ2	A4		07B			
18411		XA538	01			XA536	11			16B	9		XCR10A	01	XCR10A	00	1	THI	A4		02B			
18412		XA536	11										XCR10A	02	XCRE10	01	2	TT3	A3		05B			
18413		XA537	05			XA536	07			16B	9		XCR10R	01	XCR10S	01	2	TQ2	A2		03B			
18414		XA536	07										XCR10R	02	XCR10R	00	1	TT3	A2		03A			
18415		XA534	13			XA536	01			16B	9		XCR10S	01	XC01B0X	01	1	DCF	A4		05B			
18416		XA536	01			XA537	01			16B	9		XCR10S	02	XCR10R	01	1	TT3	A2		02B			
18417		XA537	01			XA538	05			16B	9		XCR10S	03	XCR10S	00	1	TQ2	A2		02B	DEV REQ 1		
18418		XA538	05										XCR10S	04	XCR10A	01	1	THI	A4		03B			
18419		XA537	24			XA538	24			16B	9		XCR2CA	01	XCR20S	01	1	TQ2	B1		13A			
18420		XA538	24										XCR2CA	02	XCR2CA	00	1	THI	B1		13A			
18421		XA533	43									J	XCR2CDX	01	XCR2CDX	00	1	DCF	C7		25A	XCR2DB4 BUSS		
18422		XA533	48			XA538	22			16B	9		XCR2COX	01	XCR2COX	00	1	DCF	C8		26A	DEV REQ REC. 2		
18423		XA538	22										XCR2COX	02	XCR2CA	01	1	THI	B1		14A			
07799		XA411	63			XA532	66			16B	9		XCR2DB4	005				RR4	G4				C13	
													****	SIGNAL	XCR2DB4									

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	PREFIX	CONNECTOR	PIN	PREFIX	CONNECTOR	PIN	MULTI GROUP	CODE	COLOR	IDENT											
18426		XA532	66		XA533	43		16B	9			XCR2DB4	01			RR4	G2				
18427		XA533	43		XA403	33		16B	9		P	XCR2CDX	02	XCR2DB4	01	1	DCF	C7	25A		C02
18425		XA403	33									XCR2DB4	03			EXT					A01
18429		XA533	44		XA403	34		16B	9			XCR2DB4R	01			DCF					
18430		XA403	34									XCR2DB4R	02			EXT					
18431		XA536	24		XA537	21		16B	9			XCR2RA	01	XCR20R	01	2	TT3	B1	13A		
18432		XA537	21									XCR2RA	02	XCR2RA	00	1	TQ2	B3	10B		
18433		XA538	18		XA536	13		16B	9			XCR20A	01	XCR20A	00	1	THI	B3	09A		
18434		XA536	13									XCR20A	02	XCRE10	01	3	TT3	A3	06B		
18435		XA537	26		XA536	20		16B	9			XCR20R	01	XCR20S	01	2	TQ2	B1	14A		
18436		XA536	20									XCR20R	02	XCR20R	00	1	TT3	B1	11A		
18437		XA534	08		XA536	22		16B	9			XCR20S	01	XC02BOX	01	1	DCF	A6	06A		
18438		XA536	22		XA537	22		16B	9			XCR20S	02	XCR20R	01	1	TT3	B1	12A		
18439		XA537	22		XA538	20		16B	9			XCR20S	03	XCR20S	00	1	TQ2	B1	12A	DEV REQ 2	
18440		XA538	20									XCR20S	04	XCR20A	01	1	THI	B3	10A		
18441		XA537	18		XA538	25		16B	9			XCR3CA	01	XCR30S	01	1	TQ2	B2	10A		
18442		XA538	25									XCR3CA	02	XCR3CA	00	1	THI	B2	11A		
18443		XA533	65								J	XCR3CDX	01	XCR3CDX	00	1	DCF	D1	32B	XCR3DB4 BUSS	
18444		XA533	69		XA538	23		16B	9			XCR3COX	01	XCR3COX	00	1	DCF	D2	33B	DEV REQ REC. 3	
18445		XA538	23									XCR3COX	02	XCR3CA	01	1	THI	B2	12A		
07800		XA411	65		XA533	65		16B	9			XCR3DB4	005			RR4	G3				C13
18448		XA533	65		XA532	65		16B	9		P	XCR3CDX	01	XCR3DB4	01	1	DCF	D1	32B		
18449		XA532	65		XA403	35		16B	9			XCR3DB4	02			RR4	G3				C02
18447		XA403	35									XCR3DB4	03			EXT					A01
18451		XA533	67		XA403	36		16B	9			XCR3DB4R	01			DCF					
18452		XA403	36									XCR3DB4R	02			EXT					
18453		XA536	17		XA537	27		16B	9			XCR3RA	01	XCR30R	01	2	TT3	B2	08B		
18454		XA537	27									XCR3RA	02	XCR3RA	00	1	TQ2	B4	13B		
18455		XA538	14		XA536	21		16B	9			XCR30A	01	XCR30A	00	1	THI	B4	08B		
18456		XA536	21									XCR30A	02	XCRE20	01	1	TT3	B3	10B		
18457		XA537	20		XA536	19		16B	9			XCR30R	01	XCR30S	01	2	TQ2	B2	11A		
18458		XA536	19									XCR30R	02	XCR30R	00	1	TT3	B2	09B		
18459		XA534	04		XA536	14		16B	9			XCR30S	01	XC03BOX	01	1	DCF	A8	04A		
18460		XA536	14		XA537	14		16B	9			XCR30S	02	XCR30R	01	1	TT3	B2	09A		
18461		XA537	14		XA538	17		16B	9			XCR30S	03	XCR30S	00	1	TQ2	B2	09A	DEV REQ 3	
18462		XA538	17									XCR30S	04	XCR30A	01	1	THI	B4	09B		

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	PREFIX	CONNECTOR	PIN	SH/PS	PREFIX	CONNECTOR	PIN	SH/PS	MULTI GROUP	CODE	COLOR	IDENT												
18463		XA537	40		XA538	40				16B	9		XCR4CA	01	XCR40S	01	1	TQ2	C1		19A			
18464		XA538	40										XCR4CA	02	XCR4CA	00	1	THI	C1		19A			
18465		XA533	78									J	XCR4CDX	01	XCR4CDX	00	1	DCF	D3		37B	XCR4DB4 BUSS		
18466		XA533	75		XA538	38				16B	9		XCR4COX	01	XCR4COX	00	1	DCF	D4		36B	DEV REQ REC. 4		
18467		XA538	38										XCR4COX	02	XCR4CA	01	1	THI	C1		20A			
07801		XA411	66		XA533	78				16B	9		XCR4DB4	005				RR4	G2				C13	
18470		XA533	78		XA532	63				16B	9	P	XCR4CDX	01	XCR4DB4	01	1	DCF	O3		37B			
18471		XA532	63		XA403	37				16B	9		XCR4DB4	02				RR4	G4				C02	
18469		XA403	37										XCR4DB4	03				EXT					A01	
18473		XA533	77		XA403	38				16B	9		XCR4DB4R	01				DCF						
18474		XA403	38										XCR4DB4R	02				EXT						
18475		XA536	40		XA537	33				16B	9		XCR4RA	01	XCR40R	01	2	TT3	C1		19A			
18476		XA537	33										XCR4RA	02	XCR4RA	00	1	TQ2	C3		16B			
18477		XA538	34		XA536	23				16B	9		XCR40A	01	XCR40A	00	1	THI	C3		15A			
18478		XA536	23										XCR40A	02	XCRE20	01	2	TT3	B3		11B			
18479		XA537	42		XA536	36				16B	9		XCR40R	01	XCR40S	01	2	TQ2	C1		20A			
18480		XA536	36										XCR40R	02	XCR40R	00	1	TT3	C1		17A			
18481		XA534	31		XA536	38				16B	9		XCR40S	01	XC04B0X	01	1	DCF	B2		12B			
18482		XA536	38		XA537	38				16B	9		XCR40S	02	XCR40R	01	1	TT3	C1		18A			
18483		XA537	38		XA538	36				16B	9		XCR40S	03	XCR40S	00	1	TQ2	C1		18A	DEV REQ 4		
18484		XA538	36										XCR40S	04	XCR40A	01	1	THI	C3		16A			
18485		XA537	34		XA538	37				16B	9		XCR5CA	01	XCR50S	01	1	TQ2	C2		16A			
18486		XA538	37										XCR5CA	02	XCR5CA	00	1	THI	C2		17A			
18487		XA533	80									J	XCR5CDX	01	XCR5CDX	00	1	DCF	D5		38B	XCR5DB4 BUSS		
18488		XA533	76		XA538	35				16B	9		XCR5COX	01	XCR5COX	00	1	DCF	D6		38A	DEV REQ REC. 5		
18489		XA538	35										XCR5COX	02	XCR5CA	01	1	THI	C2		18A			
07802		XA411	71		XA533	80				16B	9		XCR5DB4	005				RR4	H5				C13	
18492		XA533	80		XA532	61				16B	9	P	XCR5CDX	01	XCR5DB4	01	1	DCF	D5		38B			
18493		XA532	61		XA403	39				16B	9		XCR5DB4	02				RR4	G5				C02	
18491		XA403	39										XCR5DB4	03				EXT					A01	
18495		XA533	79		XA403	40				16B	9		XCR5DB4R	01				DCF			40B			
18496		XA403	40										XCR5DB4R	02				EXT						
18497		XA536	30		XA537	39				16B	9		XCR5RA	01	XCR50R	01	2	TT3	C2		15A			
18498		XA537	39										XCR5RA	02	XCR5RA	00	1	TQ2	C4		19B			

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	PREFIX	CONNECTOR	PIN	TYPE	PREFIX	CONNECTOR	PIN	TYPE	MULTI GROUP	CODE	COLOR	IDENT									SPEC INST. MISC	AND		
18499		XA538	30		XA536	25				16B	9		XCR50A	01	XCR50A	00	1	THI	C4		14B			
18500		XA536	25										XCR50A	02	XCRE20	01	3	TT3	B3		12B			
18501		XA537	36		XA536	31				16B	9		XCR50R	01	XCR50S	01	2	TQ2	C2		17A			
18502		XA536	31										XCR50R	02	XCR50R	00	1	TT3	C2		15B			
18503		XA538	29		XA537	30				16B	9		XCR50S	01	XCR50A	01	1	THI	C4		15B			
18504		XA537	30		XA536	29				16B	9		XCR50S	02	XCR50S	00	1	TQ2	C2		15A		DEV REQ 5	
18505		XA536	29		XA534	33				16B	9		XCR50S	03	XCR50R	01	1	TT3	C2		14B			
18506		XA534	33										XCR50S	04	XC05BOX	01	1	DCF	B4		13B			
18507		XA537	54		XA538	54				16B	9		XCR6CA	01	XCR60S	01	1	TQ2	D1		25A			
18508		XA538	54										XCR6CA	02	XCR6CA	00	1	THI	D1		25A			
18509		XA533	61									J	XCR6CDX	01	XCR6CDX	00	1	DCF	D7		33A		XCR6DB4 BUSS	
18510		XA533	68		XA538	52				16B	9		XCR6COX	01	XCR6COX	00	1	DCF	D8		34A		DEV REQ REC. 6	
18511		XA538	52										XCR6COX	02	XCR6CA	01	1	THI	D1		26A			
07803		XA411	72		XA532	78				16B	9		XCR6DB4	005				RR4	G1					C13
18514		XA532	78		XA533	61				16B	9		XCR6DB4	01				RR4	H1					
18515		XA533	61		XA403	41				16B	9		XCR6CDX	02	XCR6DB4	01	1	DCF	D7		31A			C02
18513		XA403	41										XCR6DB4	03				EXT						A01
18517		XA533	59		XA403	42				16B	9		XCR6DB4R	01				DCF						
18518		XA403	42										XCR6DB4R	02				EXT						
18519		XA536	54		XA537	45				16B	9		XCR6RA	01	XCR60R	01	2	TT3	D1		25A			
18520		XA537	45										XCR6RA	02	XCR6RA	00	1	TQ2	D3		24B			
18521		XA537	68		XA537	56				16B	9		XCR60R	01	XCRE30	01	1	TQ2	E1		32A			
18522		XA537	56		XA536	50				16B	9		XCR60R	02	XCR60S	01	2	TQ2	D1		26A			
18523		XA536	50										XCR60R	03	XCR60R	00	1	TT3	D1		23A			
18524		XA534	38		XA536	52				16B	9		XCR60S	01	XC06BOX	01	1	DCF	B6		14A			
18525		XA536	52		XA537	52				16B	9		XCR60S	02	XCR60R	01	1	TT3	D1		24A			
18526		XA537	52										XCR60S	03	XCR60S	00	1	TQ2	D1		24A			DEV REQ 6
18527		XA538	49		XA537	48				16B	9		XCR7CA	01	XCR7CA	00	1	THI	D2		23A			
18528		XA537	48										XCR7CA	02	XCR70S	01	1	TQ2	D2		22A			
18529		XA535	65									J	XCR7CDX	01	XCR7CDX	00	1	DCF	D1		32B			XCR7DB4 BUSS
18530		XA535	69		XA538	47				16B	9		XCR7COX	01	XCR7COX	00	1	DCF	D2		33B			DEV REQ REC. 7
18531		XA538	47										XCR7COX	02	XCR7CA	01	1	THI	D2		24A			
07804		XA411	73		XA535	65				16B	9		XCR7DB4	005				RR4	H4					C13
18534		XA535	65		XA532	76				16B	9		XCR7CDX	01	XCR7DB4	01	1	DCF	D1		32B			
										****	SIGNAL		XCR7DB4		IS ON THE			NEXT PAGE		****				

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	PREFIX	CONNECTOR	PIN	TYPE	PREFIX	CONNECTOR	PIN	TYPE	MULTI GROUP	CODE	COLOR	IDENT									AND	OR		
18535 18533		XA532 XA403	76 45			XA403	45			16B	9		XCR7DB4 XCR7DB4	02 03			RR4 EXT	H2					C02 A01	
18537 18538		XA403 XA535	46 67			XA535	67			16B	9		XCR7DB4R XCR7DB4R	01 02			EXT DCF							
18539 18540		XA537 XA536	51 46			XA536	46			16B	9		XCR7RA XCR7RA	01 02	XCR7RA XCR70R	00 1 01 2	TQ2 TT3	D4 D2			27B 21A			
18541 18542 18543		XA536 XA537 XA537	43 50 70			XA537	50 70			16B	9		XCR70R XCR70R XCR70R	01 02 03	XCR70R XCR70S XCRES0	00 1 01 2 01 2	TT3 TQ2 TQ2	D2 D2 E1			23B 23A 33A			
18544 18545 18546		XA537 XA536 XA534	46 41 34			XA536 XA534	41 34			16B	9		XCR70S XCR70S XCR70S	01 02 03	XCR70S XCR70R XC07BOX	00 1 01 1 01 1	TQ2 TT3 DCF	D2 D2 B8			21A 22B 12A	DEV REQ 7		
18547 18548		XA535 XA537	72 60			XA537	60			16B	9		XCSTBA XCSTBA	01 02	XCR7CDX XCSTBA	01 1 00 1	DCF TQ2	D1 E2			36A 28A			
18549 18550 18551 18552		XA537 XA536 XA537 XA538	73 70 64 56			XA536 XA537 XA538	70 64 56			16B 16B 16B	9 9 9		XCSTB0 XCSTB0 XCSTB0 XCSTB0	01 02 03 04	XCMRCA XCCSSA XCSTBA XCSTB0	01 2 01 3 01 2 00 1	TQ2 TT3 TQ2 THI	F2 E1 E2 E4			36B 33A 30A 28B	IOC STROBE		
18553		XA534	46									J	XCOPADX	01	XCOPADX	00 1	DCF	C1			25B	TDIPB4 BUSS		
18554		XA533	46									J	XCOPCDX	01	XCOPCDX	00 1	DCF	C1			25B	XCOPDB4 BUSS		
18555 18556		XA533 XA534	47 49			XA534	49			16B	9		XCOPCOX XCOPCOX	01 02	XCOPCOX XCOPA0X	00 1 01 1	DCF DCF	C2 C2			26B 27B			
07796 18559 18560 18558		XA411 XA533 XA532 XA403	56 46 53 03			XA533 XA532 XA403	46 53 03			16B 16B 16B	9 9 9	P	XCOPDB4 XCOPCDX XCOPDB4 XCOPDB4	005 01 02 03	XCOPDB4 XCOPDB4	01 1 01 1	RR4 DCF RR4 EXT	F2 C1 F4			25B	DEV DATA LINE PARI	C13 A01 A01	
18562 18563		XA533 XA403	45 04			XA403	04			16B	9		XCOPDB4R XCOPDB4R	01 02			DCF EXT				27A			
18564		XA535	07									J	XC00ADX	01	XC00ADX	00 1	DCF	A1			02B	TDI0BB4 BUSS		
18565		XA534	07									J	XC00BDX	01	XC00BDX	00 1	DCF	A1			02B	TDI0BB4 BUSS		
18566		XA533	07									J	XC00CDX	01	XC00CDX	00 1	DCF	A1			02B	XC00DB4 BUSS		
18567 18568 18569		XA533 XA535 XA537	09 11 03			XA535 XA537	11 03			16B 16B	9 9		XC00COX XC00COX XC00COX	01 02 03	XC00COX XC00A0X XCR0RA	00 1 01 1 01 1	DCF DCF TQ2	A2 A2 A3			03B 04B 02A			
												****	SIGNAL (XC00DB4)	IS ON THE NEXT PAGE										****

DRAWING NUMBER		149019-800		STRING		UNIT ASSEMBLY NO.		149019		REV G		INDEX		XC00DB4									
UNIT ASSEMBLY NAME		CARD CAGE ASSY, I/O UNIT		FILE IDENT		T39BIUX2		DATE		09-03-82		PAGE		366									
RECORD NUMBER	FROM			TO			WIRE			SFC INST WIRE	SIGNAL	SEC NO	EQU. TION	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	
07788	XA411	41		XA532	52			16B	9			XC00DB4	005			RR4	E5					C13	
18572	XA532	52		XA533	07			16B	9			XC00DB4	01			RR4	E1						
18573	XA533	07		XA403	05			16B	9		P	XC00CDX	02	XC00DB4	01	1	DCF	A1		02B	DEV DATA LINE 0	C02	
18571	XA403	05										XC00DB4	03				EXT					A01	
18575	XA403	06		XA533	05			16B	9			XC00DB4R	01				EXT						
18576	XA533	05										XC00DB4R	02				DCF						
18577	XA535	17									J	XC01ADX	01	XC01ADX	00	1	DCF	A3		07B	TDI18B4 BUSS		
18578	XA534	17									J	XC01BDX	01	XC01BDX	00	1	DCF	A3		07B	TDI18B4 BUSS		
18579	XA533	17									J	XC01CDX	01	XC01CDX	00	1	DCF	A3		07B	XC01DB4 BUSS		
18580	XA537	11		XA535	13			16B	9			XC01COX	01	XCR1RA	01	1	TQ2	A4		05B			
18581	XA535	13		XA533	15			16B	9			XC01COX	02	XC01A0X	01	1	DCF	A4		05B			
18582	XA533	15										XC01COX	03	XC01COX	00	1	DCF	A4		06B			
07789	XA411	45		XA532	48			16B	9			XC01DB4	005			RR4	E4					C13	
18585	XA532	48		XA533	17			16B	9			XC01DB4	01			RR4	E2						
18586	XA533	17		XA403	07			16B	9		P	XC01CDX	02	XC01DB4	01	1	DCF	A3		07B	DEV DATA LINE 1	C02	
18584	XA403	07										XC01DB4	03				EXT					A01	
18588	XA403	08		XA533	19			16B	9			XC01DB4R	01				EXT						
18589	XA533	19										XC01DB4R	02				DCF						
18590	XA535	14									J	XC02ADX	01	XC02ADX	00	1	DCF	A5		08B	TDI28B4 BUSS		
18591	XA534	14									J	XC02BDX	01	XC02BDX	00	1	DCF	A5		08B	TDI28B4 BUSS		
18592	XA533	14									J	XC02CDX	01	XC02CDX	00	1	DCF	A5		08B	XC02DB4 BUSS		
18593	XA533	10		XA535	08			16B	9			XC02C0X	01	XC02C0X	00	1	DCF	A6		07A			
18594	XA535	08		XA537	17			16B	9			XC02C0X	02	XC02A0X	01	1	DCF	A6		06A			
18595	XA537	17										XC02C0X	03	XCR2RA	01	1	TQ2	B3		08B			
07790	XA411	47		XA532	47			16B	9			XC02DB4	005			RR4	E3					C13	
18598	XA532	47		XA533	14			16B	9			XC02DB4	01			RR4	E3						
18599	XA533	14		XA403	09			16B	9		P	XC02CDX	02	XC02DB4	01	1	DCF	A5		08B	DEV DATA LINE 2	C02	
18597	XA403	09										XC02DB4	03				EXT					A01	
18601	XA403	10		XA533	16			16B	9			XC02DB4R	01				EXT						
18602	XA533	16										XC02DB4R	02				DCF						
18603	XA535	01									J	XC03ADX	01	XC03ADX	00	1	DCF	A7		02A	TDI38B4 BUSS		
18604	XA534	01									J	XC03BDX	01	XC03BDX	00	1	DCF	A7		02A	TDI38B4 BUSS		
18605	XA533	01									J	XC03CDX	01	XC03CDX	00	1	DCF	A7		02A	XC03DB4 BUSS		
												****	SIGNAL	(XC03C0X)									S ON THE NEXT PAGE ****

DRAWING NUMBER 149019-800
 UNIT ASSEMBLY NAME CARD CAGE ASSY, I/O UNIT

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UNIT ASSEMBLY NO. 149019
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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	2 SHT	PREFIX	CONNECTOR	PIN	2 SHT	MULTI GROUP	CODE	COLOR	IDENT									AND	OR			
18606		XA533	03		XA535	04				16B	9		XC03COX	01	XC03COX	00	1	DCF	A8		03A				
18607		XA535	04		XA537	23				16B	9		XC03COX	02	XC03A0X	01	1	DCF	A8		04A				
18608		XA537	23										XC03COX	03	XCR3RA	01	1	TQ2	B4		11B				
07791		XA411	48		XA532	45				16B	9		XC03DB4	005				RR4	E2				C13		
18611		XA532	45		XA533	01				16B	9		XC03DB4	01				RR4	E4						
18612		XA533	01		XA403	13				16B	9	P	XC03CDX	02	XC03DB4	01	1	DCF	A7		02A	DEV DATA LINE 3	C02		
18610		XA403	13										XC03DB4	03				EXT					A01		
18614		XA403	14		XA533	02				16B	9		XC03DB4R	01				EXT							
18615		XA533	02										XC03DB4R	02				DCF			01A				
18616		XA535	27									J	XC04ADX	01	XC04ADX	00	1	DCF	B1		10B	TDI48B4 BUSS			
18617		XA534	27									J	XC04BDX	01	XC04BDX	00	1	DCF	B1		10B	TDI48B4 BUSS			
18618		XA533	27									J	XC04CDX	01	XC04CDX	00	1	DCF	B1		10B	XC04DB4 BUSS			
18619		XA537	29		XA535	31				16B	9		XC04COX	01	XCR4RA	01	1	TQ2	C3		14B				
18620		XA535	31		XA533	29				16B	9		XC04COX	02	XC04A0X	01	1	DCF	B2		12B				
18621		XA533	29										XC04COX	03	XC04COX	00	1	DCF	B2		11B				
07792		XA411	51		XA532	41				16B	9		XC04DB4	005				RR4	F5				C13		
18624		XA532	41		XA533	27				16B	9		XC04DB4	01				RR4	E5						
18625		XA533	27		XA403	17				16B	9	P	XC04CDX	02	XC04DB4	01	1	DCF	B1		10B	DEV DATA LINE 4	C02		
18623		XA403	17										XC04DB4	03				EXT					A01		
18627		XA403	18		XA533	25				16B	9		XC04DB4R	01				EXT							
18628		XA533	25										XC04DB4R	02				DCF							
18629		XA535	37									J	XC05ADX	01	XC05ADX	00	1	DCF	B3		15B	TDI58B4 BUSS			
18630		XA534	37									J	XC05BDX	01	XC05BDX	00	1	DCF	B3		15B	TDI58B4 BUSS			
18631		XA533	37									J	XC05CDX	01	XC05CDX	00	1	DCF	B3		15B	XC05DB4 BUSS			
18632		XA537	35		XA535	33				16B	9		XC05COX	01	XCR5RA	01	1	TQ2	C4		17B				
18633		XA535	33		XA533	35				16B	9		XC05COX	02	XC05A0X	01	1	DCF	B4		13B				
18634		XA533	35										XC05COX	03	XC05COX	00	1	DCF	B4		14B				
07793		XA411	52		XA532	62				16B	9		XC05DB4	005				RR4	F1				C13		
18637		XA532	62		XA533	37				16B	9		XC05DB4	01				RR4	F1						
18638		XA533	37		XA403	19				16B	9	P	XC05CDX	02	XC05DB4	01	1	DCF	B3		15B	DEV DATA LINE 5	C02		
18636		XA403	19										XC05DB4	03				EXT					A01		
18640		XA403	20		XA533	39				16B	9		XC05DB4R	01				EXT							
18641		XA533	39										XC05DB4R	02				DCF							
18642		XA535	41									J	XC06ADX	01	XC06ADX	00	1	DCF	B5		16A	TDI68B4 BUSS			
													***	SIGNAL	(XC06BDX									IS ON THE NEXT PAGE	****

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UNIT ASSEMBLY NAME CARD CAGE ASSY, I/O UNIT

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	PREFIX	CONNECTOR	PIN	PREFIX	CONNECTOR	PIN	SH FCG	MULTI GROUP	CODE	COLOR	IDENT												
18643		XA534	41									J	XC06BDX	01	XC06BDX	00	1	DCF	B5	16A	TDI6BB4 BUSS		
18644		XA533	41									J	XC06CDX	01	XC06CDX	00	1	DCF	B5	16A	XC06DB4 BUSS		
18645		XA537	41		XA535	38			16B	9			XC06C0X	01	XCR6RA	01	1	TQ2	D3	22B			
18646		XA535	38		XA533	40			16B	9			XC06C0X	02	XC06A0X	01	1	DCF	B6	14A			
18647		XA533	40										XC06C0X	03	XC06C0X	00	1	DCF	B6	15A			
07794		XA411	53		XA532	56			16B	9			XC06DB4	005				RR4	F4			C13	
18650		XA532	56		XA533	41			16B	9			XC06DB4	01				RR4	F2				
18651		XA533	41		XA403	21			16B	9		P	XC06CDX	02	XC06DB4	01	1	DCF	B5	16A	DEV DATA LINE 6	C02	
18649		XA403	21										XC06DB4	03				EXT				A01	
18653		XA403	22		XA533	42			16B	9			XC06DB4R	01				EXT					
18654		XA533	42										XC06DB4R	02				DCF		20B			
18655		XA535	23									J	XC07ADX	01	XC07ADX	00	1	DCF	B7	10A	TDI7BB4 BUSS		
18656		XA534	23									J	XC07BDX	01	XC07BDX	00	1	DCF	B7	10A	TDI7BB4 BUSS		
18657		XA533	23									J	XC07CDX	01	XC07CDX	00	1	DCF	B7	10A	XC07DB4 BUSS		
18658		XA533	30		XA535	34			16B	9			XC07C0X	01	XC07C0X	00	1	DCF	B8	11A			
18659		XA535	34		XA537	47			16B	9			XC07C0X	02	XC07A0X	01	1	DCF	B8	12A			
18660		XA537	47										XC07C0X	03	XCR7RA	01	1	TQ2	D4	25B			
07795		XA411	55		XA532	55			16B	9			XC07DB4	005				RR4	F3			C13	
18663		XA532	55		XA533	23			16B	9			XC07DB4	01				RR4	F3				
18664		XA533	23		XA403	23			16B	9		P	XC07CDX	02	XC07DB4	01	1	DCF	B7	10A	DEV DATA LINE 7	C02	
18662		XA403	23										XC07DB4	03				EXT				A01	
18666		XA403	24		XA533	21			16B	9			XC07DB4R	01				EXT					
18667		XA533	21										XC07DB4R	02				DCF					
18668		XA543	75		XA541	74			16B	9			XDCMA0	01	XDCMA0	00	1	TQ2	F1	37B	DEV COMMAND		
18669		XA541	74										XDCMA0	02	XDCMCOX	01	1	DCF	D6	37A			
18670		XA541	80									J	XDCMCDX	01	XDCMCDX	00	1	DCF	D5	38B	XDCMDB4 BUSS		
18673		XA541	80		XA545	37			16B	9		P	XDCMCDX	01	XDCMDB4	01	1	DCF	D5	38B	DEV COMMAND LINE		
18674		XA545	37		XA501	49			16B	9			XDCMDB4	02				RR4	D4			A01	
18671		XA501	49										XDCMDB4	03				EXT				A01	
18676		XA501	50	3	XA541	79	3		16B	9			XDCMDB4R	01				EXT					
18677		XA541	79										XDCMDB4R	02				DCF		40B			
18678		XA542	79		XA542	59			16B	9			XDCMDO	01	XDCSCA	01	3	TT3	F1	39B			
18679		XA542	59		XA544	68			16B	9			XDCMDO	02	XDMRDA	01	2	TT3	E3	31B			
18680		XA544	68										XDCMDO	03	XDCMDO	00	1	THI	E6	32B	IOC COMMAND		
												****	SIGNAL	(XDCSCA	S ON THE NEXT PAGE			****					

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18681		XA543	79		XA542	73				16B	9		XDCSCA	01	XDCMA0	01	2	TQ2	F1		39B	CH.SEL.COMMAND			
18682		XA542	73									XDCSCA	02	XOCSCA	00	1	TT3	F1			36B				
18683		XA540	52		XA542	51				16B	9		XDCSDA	01	XD0PADX	01	1	DCF	C1		29A	CH.SEL.INTER*			
18684		XA542	51		XA541	36				16B	9		XDCSDA	02	XDCSDA	00	1	TT3	D3		27B				
18685		XA541	36		XA541	06				16B	9		XDCSDA	03	XD04ADX	01	1	DCF	B1		13A				
18686		XA541	06										XDCSDA	04	XD00ADX	01	1	DCF	A1		05A				
18687		XA544	50		XA543	59				16B	9		XDCSEA	01	XDCSE0	01	1	THI	D3		22A	CH.SEL.ENABLE			
18688		XA543	59		XA542	55				16B	9		XDCSEA	02	XDENA0	01	1	TQ2	E4		31B				
18689		XA542	55										XDCSEA	03	XDCSEA	00	1	TT3	E2		29B				
18690		XA543	07		XA543	13				16B	9		XDCSE0	01	XDR0RA	01	2	TQ2	A3		03A				
18691		XA543	13		XA543	19				16B	9		XDCSE0	02	XDR1RA	01	2	TQ2	A4		06B				
18692		XA543	19		XA543	25				16B	9		XDCSE0	03	XDR2RA	01	2	TQ2	B3		09B				
18693		XA543	25		XA543	31				16B	9		XDCSE0	04	XDR3RA	01	2	TQ2	B4		12B				
18694		XA543	31		XA543	37				16B	9		XDCSE0	05	XDR4RA	01	2	TQ2	C3		15B				
18695		XA543	37		XA543	43				16B	9		XDCSE0	06	XDR5RA	01	2	TQ2	C4		18B				
18696		XA543	43		XA543	49				16B	9		XDCSE0	07	XDR6RA	01	2	TQ2	D3		23B				
18697		XA543	49		XA544	48				16B	9		XDCSE0	08	XDR7RA	01	2	TQ2	D4		26B				
18698		XA544	48										XDCSE0	09	XDCSE0	00	1	THI	D3		21A				
18699		XA540	06		XA540	36				16B	9		XDCSIA	01	XD00BDX	01	1	DCF	A1		05A		CH.SEL.INTER		
18700		XA540	36		XA542	74				16B	9		XDCSIA	02	XD04BDX	01	1	DCF	B1		13A				
18701		XA542	74										XDCSIA	03	XDCSIA	00	1	TT3	F2		35B				
18702		XA539	06		XA539	36				16B	9		XDCSSA	01	XD00CDX	01	1	DCF	A1		05A		CH.SEL.STROBE		
18703		XA539	36		XA539	52				16B	9		XDCSSA	02	XD04CDX	01	1	DCF	B1		13A				
18704		XA539	52		XA542	64				16B	9		XDCSSA	03	XD0PCDX	01	1	DCF	C1		29A				
18705		XA542	64										XDCSSA	04	XDCSSA	00	1	TT3	E1		30A				
18706		XA541	70		XA543	63				16B	9		XDENA0	01	XDENCOX	01	1	DCF	D8		35A	DEV ENABLE			
18707		XA543	63										XDENA0	02	XDENA0	00	1	TQ2	E4		33B				
18708		XA542	57		XA542	62				16B	9		XDENB0	01	XDMRDA	01	1	TT3	E3		30B	IOC ENABLE			
18709		XA542	62		XA544	57				16B	9		XDENB0	02	XDCSEA	01	3	TT3	E2		29A				
18710		XA544	57										XDENB0	03	XDENB0	00	1	THI	E5		30B				
18711		XA541	61									J	XDENCDX	01	XDENCDX	00	1	DCF	D7		33A	XDENDB4 BUSS			
18714		XA545	39		XA541	61				16B	9		XDENDB4	01				RR4	D5			DEV ENABLE LINE	C02		
18715		XA541	61		XA501	47				16B	9	P	XDENCDX	02	XDENDB4	01	1	DCF	D7		33A				
18713		XA501	47										XDENDB4	03				EXT						A01	
18717		XA501	48		XA541	59				16B	9		XDENDB4R	01				EXT							
18718		XA541	59										XDENDB4R	02				DCF							
18719		XA541	73		XA541	71				16B	9		XDGNDA	01	XDINCOX	01	1	DCF	D4		35B				
18720		XA541	71		XA539	51				16B	9		XDGNDA	02	XDR7COX	01	1	DCF	D2		34B				
18721		XA539	51		XA539	50				16B	9		XDGNDA	03	XDROCOX	01	1	DCF	C4		28B				
												****	SIGNAL	(XDGNDA)	IS ON THE NEXT PAGE				****						

DRAWING NUMBER 149019-800
 UNIT ASSEMBLY NAME CARD CAGE ASSY, I/O UNIT

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UNIT ASSEMBLY NO. 149019
 FILE IDENT T39B IUX2

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RECORD NUMBER	FROM			TO			WIRE				SIGNAL	SEC NO	EQU. TION	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											
18722		XA539	50		XA539	54		16B	9		XDGND	04	XDR2COX	01	1	DCF	C8		28A		
18723		XA539	54		XA541	52		16B	9		XDGND	05	XDR1COX	01	1	DCF	C6		30A		
18724		XA541	52		XA544	19		16B	9		XDGND	06	XDREADX	01	1	DCF	C1		29A		
18725		XA544	19								XDGND	07	XDGND	00	1	THI	B5		10B		
18726		XA542	77		XA542	71		16B	9		XDICRO	01	XDCSCA	01	2	TT3	F1		38B		
18727		XA542	71		XA542	68		16B	9		XDICRO	02	XDCSIA	01	2	TT3	F2		36A		
18728		XA542	68		XA542	60		16B	9		XDICRO	03	XDCSSA	01	2	TT3	E1		32A		
18729		XA542	60		XA544	63		16B	9		XDICRO	04	XDCSEA	01	2	TT3	E2		28A		
18730		XA544	63		XA542	47		16B	9		XDICRO	05	XDICRO	00	1	THI	E2		30A	IOE ADRS	
18731		XA542	47								XDICRO	06	XDCSDA	01	2	TT3	D3		25B		
18732		XA544	66		XA542	66		16B	9		XDICSO	01	XDICSO	00	1	THI	E1		32A	IOC CH.SEL	
18733		XA542	66		XA542	65		16B	9		XDICSO	02	XDCSSA	01	1	TT3	E1		31A		
18734		XA542	65		XA542	75		16B	9		XDICSO	03	XDCSIA	01	1	TT3	F2		34B		
18735		XA542	75		XA542	53		16B	9		XDICSO	04	XDCSCA	01	1	TT3	F1		37B		
18736		XA542	53		XA542	45		16B	9		XDICSO	05	XDCSEA	01	1	TT3	E2		28B		
18737		XA542	45								XDICSO	06	XDCSDA	01	1	TT3	D3		24B		
18738		XA540	55							J	XDINADX	01	XDINADX	00	1	DCF	C3		30B	TINDB4 BUSS	
18739		XA541	78							J	XDINCDX	01	XDINCDX	00	1	DCF	D3		37B	XDINDB4 BUSS	
18740		XA541	75		XA540	51		16B	9		XDINCOX	01	XDINCOX	00	1	DCF	D4		36B	DEV INDICATOR REC.	
18741		XA540	51								XDINCOX	02	XDINA0X	01	1	DCF	C4		28B		
18744		XA545	35		XA541	78		16B	9		XDINDB4	01				RR4	D3				
18745		XA541	78		XA501	51		16B	9	P	XDINCDX	02	XDINDB4	01	1	DCF	D3		37B		
18743		XA501	51								XDINDB4	03				EXT				CO2 AO1	
18747		XA501	52		XA541	77		16B	9		XDINDB4R	01				EXT					
18748		XA541	77								XDINDB4R	02				DCF					
18749		XA543	57		XA542	49		16B	9		XDINTA	01	XDINTA	00	1	TQ2	E3		30B		
18750		XA542	49								XDINTA	02	XDCSDA	01	3	TT3	D3		26B		
18751		XA544	60		XA543	53		16B	9		XDINTO	01	XDINTO	00	1	THI	E3		28A	IOC INTERROGATE	
18752		XA543	53		XA542	72		16B	9		XDINTO	02	XDINTA	01	1	TQ2	E3		28B		
18753		XA542	72								XDINTO	03	XDCSIA	01	3	TT3	F2		34A		
06687		XA439	61		XA439	69		16B	9		XDIRCD4	005				EXT					
18754		XA439	69		XA432	62		16B	9		XDIRCD4	01	XDIRCO	01	1	THI	F3		35B		
18755		XA432	62		XA430	61		16B	9		XDIRCD4	02	TRQ0A0	01	4	TS8	E1		29A		
18756		XA430	61								XDIRCD4	03				RR4	G5				
18757		XA439	70		XA431	11		16B	9		XDIRCO	01	XDIRCO	00	1	THI	F3		34B		
18758		XA431	11								XDIRCO	02	XMR3SA	01	1	TQ2	A4		05B		
18759		XA542	05		XA542	10		16B	9		XDMRCA	01	XDR1OR	01	3	TT3	A2		03B		
18760		XA542	10		XA542	18		16B	9		XDMRCA	02	XDR0OR	01	3	TT3	A1		07A		
								****	SIGNAL		(XDMRCA		S ON THE			NEXT PAGE	****				

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	PREFIX	CONNECTOR	PIN	LINE	PREFIX	CONNECTOR	PIN	LINE	MULTI GROUP	CODE	COLOR	IDENT											
18761		XA542	18		XA542	26				16B	9		XDMRCA	03	XDR30R	01	3	TT3	B2		10A		
18762		XA542	26		XA542	34				16B	9		XDMRCA	04	XDR20R	01	3	TT3	B1		14A		
18763		XA542	34		XA542	42				16B	9		XDMRCA	05	XDR50R	01	3	TT3	C2		16A		
18764		XA542	42		XA542	48				16B	9		XDMRCA	06	XDR40R	01	3	TT3	C1		20A		
18765		XA542	48		XA542	56				16B	9		XDMRCA	07	XDR70R	01	3	TT3	D2		22A		
18766		XA542	56		XA543	72				16B	9		XDMRCA	08	XDR60R	01	3	TT3	D1		26A		
18767		XA543	72										XDMRCA	09	XDMRCA	00	1	TQ2	F2		34A	ENB.CMD.STB.	
18768		XA543	77		XA542	63				16B	9		XDMRDA	01	XDCMA0	01	1	TQ2	F1		38B		
18769		XA542	63		XA543	61				16B	9		XDMRDA	02	XDMRDA	00	1	TT3	E3		33B	DEV RESET	
18770		XA543	61		XA544	41				16B	9		XDMRDA	03	XDENA0	01	2	TQ2	E4		32B		
18771		XA544	41										XDMRDA	04	XDMRDO	01	1	TH1	D4		23B		
18772		XA543	71		XA544	46				16B	9		XDMRDO	01	XDMRCA	01	1	TQ2	F2		36A		
18773		XA544	46										XDMRDO	02	XDMRDO	00	1	TH1	D4		22B		
18774		XA541	46									J	XDREADX	01	XDREADX	00	1	DCF	C1		25B	TRQ5BB4 BUSS	
18775		XA542	39		XA541	49				16B	9		XDRECO	01	XDRECO	00	1	TT3	C3		19B	DEV OR D REQ	
18776		XA541	49										XDRECO	02	XDREA0X	01	1	DCF	C2		27B		
18777		XA544	26		XA542	33				16B	9		XDRE1A	01	XDRE1A	00	1	TH1	B6		12B		
18778		XA542	33										XDRE1A	02	XDRECO	01	1	TT3	C3		16B		
18779		XA542	15		XA544	27				16B	9		XDRE10	01	XDRE10	00	1	TT3	A3		07B	DEV REQ 0+1+2	
18780		XA544	27										XDRE10	02	XDRE1A	01	1	TH1	B6		13B		
18781		XA542	35		XA544	31				16B	9		XDRE2A	01	XDRECO	01	2	TT3	C3		17B		
18782		XA544	31										XDRE2A	02	XDRE2A	00	1	TH1	C5		16B		
18783		XA542	27		XA544	33				16B	9		XDRE20	01	XDRE20	00	1	TT3	B3		13B	DEV REQ 3+4+5	
18784		XA544	33										XDRE20	02	XDRE2A	01	1	TH1	C5		17B		
18785		XA542	37		XA544	42				16B	9		XDRE3A	01	XDRECO	01	3	TT3	C3		18B		
18786		XA544	42										XDRE3A	02	XDRE3A	00	1	TH1	C6		18B		
18787		XA544	39		XA543	66				16B	9		XDRE30	01	XDRE3A	01	1	TH1	C6		19B		
18788		XA543	66										XDRE30	02	XDRE30	00	1	TQ2	E1		31A	DEV REQ 6+7	
18789		XA543	08		XA544	13				16B	9		XDR0CA	01	XDR00S	01	1	TQ2	A1		06A		
18790		XA544	13										XDR0CA	02	XDR0CA	00	1	TH1	A1		06A		
18791		XA539	55									J	XDR0CDX	01	XDR0CDX	00	1	DCF	C3		30B	XDR0DB4 BUSS	
18792		XA539	56		XA544	11				16B	9		XDR0COX	01	XDR0COX	00	1	DCF	C4		29B	DEV REQ REC. 0	
18793		XA544	11										XDR0COX	02	XDR0CA	01	1	TH1	A1		07A		
18796		XA545	19		XA539	55				16B	9		XDR0DB4	01				RR4	B5				
18797		XA539	55		XA501	25				16B	9	P	XDR0CDX	02	XDR0DB4	01	1	DCF	C3		30B		
18794		XA501	25										XDR0DB4	03				EXT					

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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 PG	PREFIX	CONNECTOR	PIN	SH PG	NE PG	MULTI GROUP	CODE	COLOR									IDENT	INS		
18799		XA501	26											XDR0DB4R	01									
18800		XA539	53		XA539	53				16B	9			XDR0DB4R	02			EXT						
18801		XA543	09		XA542	08				16B	9			XDRORA	01	XDRORA	00	1	TQ2	A3		04B		
18802		XA542	08											XDRORA	02	XDR0OR	01	2	TT3	A1		06A		
18803		XA542	09		XA544	03				16B	9			XDR00A	01	XDRE10	01	1	TT3	A3		04B		
18804		XA544	03											XDR00A	02	XDR00A	00	1	THI	A3		03A		
18805		XA543	10		XA542	04				16B	9			XDR0OR	01	XDR00S	01	2	TQ2	A1		07A		
18806		XA542	04											XDR0OR	02	XDR0OR	00	1	TT3	A1		04A		
18807		XA540	11		XA542	06				16B	9			XDR00S	01	XD00BOX	01	1	DCF	A2		04B		
18808		XA542	06		XA543	06				16B	9			XDR00S	02	XDR0OR	01	1	TT3	A1		05A		
18809		XA543	06		XA544	04				16B	9			XDR00S	03	XDR00S	00	1	TQ2	A1		05A	DEV REQ 0	
18810		XA544	04											XDR00S	04	XDR00A	01	1	THI	A3		02A		
18811		XA543	04		XA544	08				16B	9			XDR1CA	01	XDR10S	01	1	TQ2	A2		04A		
18812		XA544	08											XDR1CA	02	XDR1CA	00	1	THI	A2		04A		
18813		XA539	60										J	XDR1CDX	01	XDR1CDX	00	1	DCF	C5		31B	XDR1DB4 BUSS	
18814		XA539	57		XA544	06				16B	9			XDR1COX	01	XDR1COX	00	1	DCF	C6		31A	DEV REQ REC. 1	
18815		XA544	06											XDR1COX	02	XDR1CA	01	1	THI	A2		05A		
18818		XA545	36		XA539	60				16B	9			XDR1DB4	01				RR4	C1				
18819		XA539	60		XA501	29				16B	9			XDR1CDX	02	XDR1DB4	01	1	DCF	C5		31B		C02
18817		XA501	29											XDR1DB4	03				EXT					A01
18821		XA501	30		XA539	58				16B	9			XDR1DB4R	01				EXT					
18822		XA539	58											XDR1DB4R	02				DCF					
18823		XA543	15		XA542	03				16B	9			XDR1RA	01	XDR1RA	00	1	TQ2	A4		07B		
18824		XA542	03											XDR1RA	02	XDR10R	01	2	TT3	A2		02A		
18825		XA542	11		XA544	01				16B	9			XDR10A	01	XDRE10	01	2	TT3	A3		05B		
18826		XA544	01											XDR10A	02	XDR10A	00	1	THI	A4		02B		
18827		XA543	05		XA542	07				16B	9			XDR10R	01	XDR10S	01	2	TQ2	A2		03B		
18828		XA542	07											XDR10R	02	XDR10R	00	1	TT3	A2		03A		
18829		XA540	13		XA542	01				16B	9			XDR10S	01	XD01BOX	01	1	DCF	A4		05B		
18830		XA542	01		XA543	01				16B	9			XDR10S	02	XDR10R	01	1	TT3	A2		02B		
18831		XA543	01		XA544	05				16B	9			XDR10S	03	XDR10S	00	1	TQ2	A2		02B	DEV REQ 1	
18832		XA544	05											XDR10S	04	XDR10A	01	1	THI	A4		03B		
18833		XA543	24		XA544	24				16B	9			XDR2CA	01	XDR20S	01	1	TQ2	B1		13A		
18834		XA544	24											XDR2CA	02	XDR2CA	00	1	THI	B1		13A		

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RECORD NUMBER	FROM			TO			WIRE				SIGNAL	SEQ NO	EQUATION	TERM	FACTOR	CKT OR CHIP TYPE	GROUP	LOAD OR POWER PLANE	TEST POINTS		SIGNAL DESCRIPTION	ECO NO
	PREFIX	CONNECTOR	PIN	PREFIX	CONNECTOR	PIN	SH PG	MULTI GROUP	CODE	COLCR									IDENT	AND		
18835		XA539	43								J	XDR2CDX	01	XDR2CDX	00	1	DCF	C7		25A	XDR2DB4 BUSS	
18836		XA539	48		XA544	22			16B	9		XDR2COX	01	XDR2COX	00	1	DCF	C8		26A	DEV REQ REC. 2	
18837		XA544	22									XDR2COX	02	XDR2CA	01	1	THI	B1		14A		
18840		XA545	38		XA539	43			16B	9		XDR2DB4	01				RR4	C2				
18841		XA539	43		XA501	33			16B	9		XDR2CDX	02	XDR2DB4	01	1	DCF	C7		25A		C02
18839		XA501	33									XDR2DB4	03				EXT					A01
18843		XA501	34		XA539	44			16B	9		XDR2DB4R	01				EXT					
18844		XA539	44									XDR2DB4R	02				DCF					
18845		XA543	21		XA542	24			16B	9		XDR2RA	01	XDR2RA	00	1	TQ2	B3		10B		
18846		XA542	24									XDR2RA	02	XDR2OR	01	2	TT3	B1		13A		
18847		XA542	13		XA544	18			16B	9		XDR2OA	01	XDR2OA	01	3	TT3	A3		06B		
18848		XA544	18									XDR2OA	02	XDR2OA	00	1	THI	B3		09A		
18849		XA543	26		XA542	20			16B	9		XDR2OR	01	XDR2OS	01	2	TQ2	B1		14A		
18850		XA542	20									XDR2OR	02	XDR2OR	00	1	TT3	B1		11A		
18851		XA540	08		XA542	22			16B	9		XDR2OS	01	XDR2OS	01	1	DCF	A6		06A		
18852		XA542	22		XA543	22			16B	9		XDR2OS	02	XDR2OR	01	1	TT3	B1		12A		
18853		XA543	22		XA544	20			16B	9		XDR2OS	03	XDR2OS	00	1	TQ2	B1		12A	DEV REQ 2	
18854		XA544	20									XDR2OS	04	XDR2OA	01	1	THI	B3		10A		
18855		XA543	18		XA544	25			16B	9		XDR3CA	01	XDR3OS	01	1	TQ2	B2		10A		
18856		XA544	25									XDR3CA	02	XDR3CA	00	1	THI	B2		11A		
18857		XA539	65								J	XDR3CDX	01	XDR3CDX	00	1	DCF	D1		32B	XDR3DB4 BUSS	
18858		XA539	69		XA544	23			16B	9		XDR3COX	01	XDR3COX	00	1	DCF	D2		33B	DEV REQ REC. 3	
18859		XA544	23									XDR3COX	02	XDR3CA	01	1	THI	B2		12A		
18862		XA545	23		XA539	65			16B	9		XDR3DB4	01				RR4	C3				
18863		XA539	65		XA501	35			16B	9		XDR3CDX	02	XDR3DB4	01	1	DCF	D1		32B		C02
18861		XA501	35									XDR3DB4	03				EXT					A01
18865		XA501	36		XA539	67			16B	9		XDR3DB4R	01				EXT					
18866		XA539	67									XDR3DB4R	02				DCF					
18867		XA543	27		XA542	17			16B	9		XDR3RA	01	XDR3RA	00	1	TQ2	B4		13B		
18868		XA542	17									XDR3RA	02	XDR3OR	01	2	TT3	B2		08B		
18869		XA542	21		XA544	14			16B	9		XDR3OA	01	XDR2E0	01	1	TT3	B3		10B		
18870		XA544	14									XDR3OA	02	XDR3OA	00	1	THI	B4		08B		
18871		XA543	20		XA542	19			16B	9		XDR3OR	01	XDR3OS	01	2	TQ2	B2		11A		
									****	SIGNAL		XDR3OR		IS ON THE			NEXT PAGE		****			

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	PREFIX	CONNECTOR	PIN	PREFIX	CONNECTOR	PIN	MULTI GROUP	CODE	COLOR	IDENT											
18872		XA542	19									XDR30R	02	XDR30R	00	1	TT3	B2		09B	
18873		XA544	17	XA543	14		16B	9				XDR30S	01	XDR30A	01	1	THI	B4		09B	
18874		XA543	14	XA542	14		16B	9				XDR30S	02	XDR30S	00	1	TQ2	B2		09A	DEV REQ 3
18875		XA542	14	XA540	04		16B	9				XDR30S	03	XDR30R	01	1	TT3	B2		09A	
18876		XA540	04									XDR30S	04	XD03BOX	01	1	DCF	A8		04A	
18877		XA543	40	XA544	40		16B	9				XDR4CA	01	XDR40S	01	1	TQ2	C1		19A	
18878		XA544	40									XDR4CA	02	XDR4CA	00	1	THI	C1		19A	
18879		XA539	78								J	XDR4CDX	01	XDR4CDX	00	1	DCF	D3		37B	XDR4DB4 BUSS
18880		XA539	75	XA544	38		16B	9				XDR4COX	01	XDR4COX	00	1	DCF	D4		36B	DEV REQ REC. 4
18881		XA544	38									XDR4COX	02	XDR4CA	01	1	THI	C1		20A	
18884		XA539	78	XA545	25		16B	9			P	XDR4CDX	01	XDR4DB4	01	1	DCF	D3		37B	
18885		XA545	25	XA501	37		16B	9				XDR4DB4	02				RR4	C4			A01
18883		XA501	37									XDR4DB4	03				EXT				A01
18887		XA501	38	XA539	77		16B	9				XDR4DB4R	01				EXT				
18888		XA539	77									XDR4DB4R	02				DCF				
18889		XA543	33	XA542	40		16B	9				XDR4RA	01	XDR4RA	00	1	TQ2	C3		16B	
18890		XA542	40									XDR4RA	02	XDR40R	01	2	TT3	C1		19A	
18891		XA542	23	XA544	34		16B	9				XDR40A	01	XDR40A	01	2	TT3	B3		11B	
18892		XA544	34									XDR40A	02	XDR40A	00	1	THI	C3		15A	
18893		XA543	42	XA542	36		16B	9				XDR40R	01	XDR40S	01	2	TQ2	C1		20A	
18894		XA542	36									XDR40R	02	XDR40R	00	1	TT3	C1		17A	
18895		XA540	31	XA542	38		16B	9				XDR40S	01	XD04BOX	01	1	DCF	B2		12B	
18896		XA542	38	XA543	38		16B	9				XDR40S	02	XDR40R	01	1	TT3	C1		18A	
18897		XA543	38	XA544	36		16B	9				XDR40S	03	XDR40S	00	1	TQ2	C1		18A	DEV REQ 4
18898		XA544	36									XDR40S	04	XDR40A	01	1	THI	C3		16A	
18899		XA543	34	XA544	37		16B	9				XDR5CA	01	XDR50S	01	1	TQ2	C2		16A	
18900		XA544	37									XDR5CA	02	XDR5CA	00	1	THI	C2		17A	
18901		XA539	80								J	XDR5CDX	01	XDR5CDX	00	1	DCF	D5		38B	XDR5DB4 BUSS
18902		XA539	76	XA544	35		16B	9				XDR5COX	01	XDR5COX	00	1	DCF	D6		38A	DEV REQ REC. 5
18903		XA544	35									XDR5COX	02	XDR5CA	01	1	THI	C2		18A	
18906		XA539	80	XA545	29		16B	9			P	XDR5CDX	01	XDR5DB4	01	1	DCF	D5		38B	
18907		XA545	29	XA501	39		16B	9				XDR5DB4	02				RR4	C5			A01
18905		XA501	39									XDR5DB4	03				EXT				A01
18909		XA501	40	XA539	79		16B	9				XDR5DB4R	01				EXT				
18910		XA539	79									XDR5DB4R	02				DCF			40B	

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	PREFIX	CONNECTOR	PIN	SH FTG	PREFIX	CONNECTOR	PIN	SH FTG	MULTI GROUP	CODE	COLOR	IDENT												
18911		XA543	39		XA542	30				16B	9		XDR5RA	01	XDR5RA	00	1	TQ2	C4		19B			
18912		XA542	30										XDR5RA	02	XDR5OR	01	2	TT3	C2		15A			
18913		XA542	25		XA544	30				16B	9		XDR50A	01	XDRE20	01	3	TT3	B3		12B			
18914		XA544	30										XDR50A	02	XDR50A	00	1	THI	C4		14B			
18915		XA543	36		XA542	31				16B	9		XDR50R	01	XDR50S	01	2	TQ2	C2		17A			
18916		XA542	31										XDR50R	02	XDR5OR	00	1	TT3	C2		15B			
18917		XA544	29		XA543	30				16B	9		XDR50S	01	XDR50A	01	1	THI	C4		15B			
18918		XA543	30		XA542	29				16B	9		XDR50S	02	XDR50S	00	1	TQ2	C2		15A		DEV REQ 5	
18919		XA542	29		XA540	33				16B	9		XDR50S	03	XDR5OR	01	1	TT3	C2		14B			
18920		XA540	33										XDR50S	04	XD05BOX	01	1	DCF	B4		13B			
18921		XA543	54		XA544	54				16B	9		XDR6CA	01	XDR60S	01	1	TQ2	D1		25A			
18922		XA544	54										XDR6CA	02	XDR6CA	00	1	THI	D1		25A			
18923		XA539	61									J	XDR6CDX	01	XDR6CDX	00	1	DCF	D7		33A		XDR6DB4 BUSS	
18924		XA539	68		XA544	52				16B	9		XDR6COX	01	XDR6COX	00	1	DCF	D8		34A		DEV REQ REC. 6	
18925		XA544	52										XDR6COX	02	XDR6CA	01	1	THI	D1		26A			
18928		XA545	42		XA539	61				16B	9		XDR6DB4	01				RR4	D1					
18929		XA539	61		XA501	41				16B	9	P	XDR6CDX	02	XDR6DB4	01	1	DCF	D7		33A		C02	
18927		XA501	41										XDR6DB4	03				EXT					A01	
18931		XA501	42		XA539	59				16B	9		XDR6DB4R	01				EXT						
18932		XA539	59										XDR6DB4R	02				DCF						
18933		XA543	45		XA542	54				16B	9		XDR6RA	01	XDR6RA	00	1	TQ2	D3		24B			
18934		XA542	54										XDR6RA	02	XDR6OR	01	2	TT3	D1		25A			
18935		XA543	68		XA543	56				16B	9		XDR6OR	01	XDRE30	01	1	TQ2	E1		32A			
18936		XA543	56		XA542	50				16B	9		XDR6OR	02	XDR60S	01	2	TQ2	D1		26A			
18937		XA542	50										XDR6OR	03	XDR6OR	00	1	TT3	D1		23A			
18938		XA543	52		XA542	52				16B	9		XDR60S	01	XDR60S	00	1	TQ2	D1		24A		DEV REQ 6	
18939		XA542	52		XA540	38				16B	9		XDR60S	02	XDR6OR	01	1	TT3	D1		24A			
18940		XA540	38										XDR60S	03	XD06BOX	01	1	DCF	B6		14A			
18941		XA544	49		XA543	48				16B	9		XDR7CA	01	XDR7CA	00	1	THI	D2		23A			
18942		XA543	48										XDR7CA	02	XDR70S	01	1	TQ2	D2		22A			
18943		XA541	65									J	XDR7CDX	01	XDR7CDX	00	1	DCF	D1		32B		XDR7DB4 BUSS	
18944		XA541	69		XA544	47				16B	9		XDR7COX	01	XDR7COX	00	1	DCF	D2		33B		DEV REQ REC. 7	
18945		XA544	47										XDR7COX	02	XDR7CA	01	1	THI	D2		24A			
													****	SIGNAL	(XDR7DB4)									IS ON THE NEXT PAGE ****

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	PREFIX	CONNECTOR	PIN	PREFIX	CONNECTOR	PIN	WIRE NO	GROUP	CODE	COLOR													IDENT
18948		XA545	46		XA541	65			16B	9		XDR7DB4	01				RR4	D2					
18949		XA541	65		XA501	45			16B	9	P	XDR7CDX	02	XDR7DB4	01	1	DCF	D1		32B		C02	
18947		XA501	45									XDR7DB4	03				EXT					A01	
18951		XA501	46		XA541	67			16B	9		XDR7DB4R	01				EXT						
18952		XA541	67									XDR7DB4R	02				DCF						
18953		XA543	51		XA542	46			16B	9		XDR7RA	01	XDR7RA	00	1	TQ2	D4		27B			
18954		XA542	46									XDR7RA	02	XDR70R	01	2	TT3	D2		21A			
18955		XA542	43		XA543	50			16B	9		XDR70R	01	XDR70R	00	1	TT3	D2		23B			
18956		XA543	50		XA543	70			16B	9		XDR70R	02	XDR70S	01	2	TQ2	D2		23A			
18957		XA543	70									XDR70R	03	XDRE30	01	2	TQ2	E1		33A			
18958		XA543	46		XA542	41			16B	9		XDR70S	01	XDR70S	00	1	TQ2	D2		21A	DEV REQ 7		
18959		XA542	41		XA540	34			16B	9		XDR70S	02	XDR70R	01	1	TT3	D2		22B			
18960		XA540	34									XDR70S	03	XD07BOX	01	1	DCF	B8		12A			
18961		XA541	72		XA543	60			16B	9		XDSTBA	01	XDR7CDX	01	1	DCF	D1		36A			
18962		XA543	60									XDSTBA	02	XDSTBA	00	1	TQ2	E2		28A			
18963		XA543	73		XA542	70			16B	9		XDSTB0	01	XDMRCA	01	2	TQ2	F2		36B			
18964		XA542	70		XA543	64			16B	9		XDSTB0	02	XDCSSA	01	3	TT3	E1		33A			
18965		XA543	64		XA544	56			16B	9		XDSTB0	03	XDSTBA	01	2	TQ2	E2		30A			
18966		XA544	56									XDSTB0	04	XDSTB0	00	1	THI	E4		28B	IOC STROBE		
18967		XA540	46								J	XDOPADX	01	XDOPADX	00	1	DCF	C1		25B	TDIPBB4 BUSS		
18968		XA539	46								J	XDOPCDX	01	XDOPCDX	00	1	DCF	C1		25B	XDOPBB4 BUSS		
18969		XA539	47		XA540	49			16B	9		XDOPCOX	01	XDOPCOX	00	1	DCF	C2		26B			
18970		XA540	49									XDOPCOX	02	XDOPA0X	01	1	DCF	C2		27B			
18973		XA545	17		XA539	46			16B	9		XDOPDB4	01				RR4	B4					
18974		XA539	46		XA501	03			16B	9	P	XDOPCDX	02	XDOPDB4	01	1	DCF	C1		25B	DEV DATA LINE PART	C02	
18972		XA501	03									XDOPDB4	03				EXT					A01	
18976		XA501	04		XA539	45			16B	9		XDOPDB4R	01				EXT						
18977		XA539	45									XDOPDB4R	02				DCF			27A			
18978		XA541	07								J	XD00ADX	01	XD00ADX	00	1	DCF	A1		02B	TDI0BB4 BUSS		
18979		XA540	07								J	XD00BDX	01	XD00BDX	00	1	DCF	A1		02B	TDI0BB4 BUSS		
18980		XA539	07								J	XD00CDX	01	XD00CDX	00	1	DCF	A1		02B	XD00DB4 BUSS		
18981		XA539	09		XA541	11			16B	9		XD00COX	01	XD00COX	00	1	DCF	A2		03B			
18982		XA541	11		XA543	03			16B	9		XD00COX	02	XD00A0X	01	1	DCF	A2		04B			
18983		XA543	03									XD00COX	03	XDR0RA	01	1	TQ2	A3		02A			
												****	SIGNAL	{XD00DB4}	IS ON THE	NEXT PAGE	****						

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	PREFIX	CONNECTOR	PIN	OR	PREFIX	CONNECTOR	PIN	OR	MULTI GROUP	CODE	COLOR	IDENT												
18986		XA545	08			XA539	07			16B	9													
18987		XA539	07			XA501	05			16B	9		P	XD00DB4	01			RR4	A1					
18985		XA501	05											XD00DB4	02	XD00DB4	01	1	DCF	A1		02B	DEV DATA LINE 0	C02
														XD00DB4	03			EXT					A01	
18989		XA501	06			XA539	05			16B	9			XD00DB4R	01			EXT						
18990		XA539	05											XD00DB4R	02			DCF						
18991		XA541	17										J	XD01ADX	01	XD01ADX	00	1	DCF	A3		07B	TDI1BB4 BUSS	
18992		XA540	17										J	XD01BDX	01	XD01BDX	00	1	DCF	A3		07B	TDI1BB4 BUSS	
18993		XA539	17										J	XD01CDX	01	XD01CDX	00	1	DCF	A3		07B	XD01DB4 BUSS	
18994		XA539	15			XA541	13			16B	9			XD01COX	01	XD01COX	00	1	DCF	A4		06B		
18995		XA541	13			XA543	11			16B	9			XD01COX	02	XD01A0X	01	1	DCF	A4		05B		
18996		XA543	11											XD01COX	03	XDR1RA	01	1	TQ2	A4		05B		
18999		XA545	10			XA539	17			16B	9			XD01DB4	01			RR4	A2					
19000		XA539	17			XA501	07			16B	9		P	XD01CDX	02	XD01DB4	01	1	DCF	A3		07B	DEV DATA LINE 1	C02
18998		XA501	07											XD01DB4	03			EXT					A01	
19002		XA501	08			XA539	19			16B	9			XD01DB4R	01			EXT						
19003		XA539	19											XD01DB4R	02			DCF						
19004		XA541	14										J	XD02ADX	01	XD02ADX	00	1	DCF	A5		08B	TDI2BB4 BUSS	
19005		XA540	14										J	XD02BDX	01	XD02BDX	00	1	DCF	A5		08B	TDI2BB4 BUSS	
19006		XA539	14										J	XD02CDX	01	XD02CDX	00	1	DCF	A5		08B	XD02DB4 BUSS	
19007		XA539	10			XA541	08			16B	9			XD02C0X	01	XD02C0X	00	1	DCF	A6		07A		
19008		XA541	08			XA543	17			16B	9			XD02C0X	02	XD02A0X	01	1	DCF	A6		06A		
19009		XA543	17											XD02C0X	03	XDR2RA	01	1	TQ2	B3		08B		
19012		XA545	05			XA539	14			16B	9			XD02DB4	01			RR4	A3					
19013		XA539	14			XA501	09			16B	9		P	XD02C0X	02	XD02DB4	01	1	DCF	A5		08B	DEV DATA LINE 2	C02
19011		XA501	09											XD02DB4	03			EXT					A01	
19015		XA501	10			XA539	16			16B	9			XD02DB4R	01			EXT						
19016		XA539	16											XD02DB4R	02			DCF						
19017		XA541	01										J	XD03ADX	01	XD03ADX	00	1	DCF	A7		02A	TDI3BB4 BUSS	
19018		XA540	01										J	XD03BDX	01	XD03BDX	00	1	DCF	A7		02A	TDI3BB4 BUSS	
19019		XA539	01										J	XD03CDX	01	XD03CDX	00	1	DCF	A7		02A	XD03DB4 BUSS	
19020		XA539	03			XA541	04			16B	9			XD03C0X	01	XD03C0X	00	1	DCF	A8		03A		
19021		XA541	04			XA543	23			16B	9			XD03C0X	02	XD03A0X	01	1	DCF	A8		04A		
19022		XA543	23											XD03C0X	03	XDR3RA	01	1	TQ2	B4		11B		

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	PREFIX	CONNECTOR	PIN	SH. TO	PREFIX	CONNECTOR	PIN	SH. TO	MULTI GROUP	CODE	COLOR	IDENT												SH. TO
19025		XA545	07		XA539	01								XD03DB4	01			RR4	A4					
19026		XA539	01		XA501	13								XD03CDX	02	XD03DB4	01	1	DCF	A7		02A	DEV DATA LINE 3	C02
19024		XA501	13											XD03DB4	03			EXT						A01
19028		XA501	14		XA539	02								XD03DB4R	01			EXT						
19029		XA539	02											XD03DB4R	02			DCF				01A		
19030		XA541	27										J	XD04ADX	01	XD04ADX	00	1	DCF	B1		10B	TDI48B4 BUSS	
19031		XA540	27										J	XD04BDX	01	XD04BDX	00	1	DCF	B1		10B	TDI48B4 BUSS	
19032		XA539	27										J	XD04CDX	01	XD04CDX	00	1	DCF	B1		10B	XD04DB4 BUSS	
19033		XA539	29		XA541	31				16B	9			XD04COX	01	XD04COX	00	1	DCF	B2		11B	DEV DATA LINE 4	
19034		XA541	31		XA543	29				16B	9			XD04COX	02	XD04A0X	01	1	DCF	B2		12B		
19035		XA543	29											XD04COX	03	XDR4RA	01	1	TQ2	C3		14B		
19038		XA545	09		XA539	27				16B	9			XD04DB4	01			RR4	A5					
19039		XA539	27		XA501	17				16B	9		P	XD04CDX	02	XD04DB4	01	1	DCF	B1		10B		C02
19037		XA501	17											XD04DB4	03			EXT						A01
19041		XA501	18		XA539	25				16B	9			XD04DB4R	01			EXT						
19042		XA539	25											XD04DB4R	02			DCF						
19043		XA541	37										J	XD05ADX	01	XD05ADX	00	1	DCF	B3		15B	TDI58B4 BUSS	
19044		XA540	37										J	XD05BDX	01	XD05BDX	00	1	DCF	B3		15B	TDI58B4 BUSS	
19045		XA539	37										J	XD05CDX	01	XD05CDX	00	1	DCF	B3		15B	XD05DB4 BUSS	
19046		XA539	35		XA541	33				16B	9			XD05COX	01	XD05COX	00	1	DCF	B4		14B		
19047		XA541	33		XA543	35				16B	9			XD05COX	02	XD05A0X	01	1	DCF	B4		13B		
19048		XA543	35											XD05COX	03	XDR5RA	01	1	TQ2	C4		17B		
19051		XA545	20		XA539	37				16B	9			XD05DB4	01			RR4	B1					
19052		XA539	37		XA501	19				16B	9		P	XD05CDX	02	XD05DB4	01	1	DCF	B3		15B	DEV DATA LINE 5	C02
19050		XA501	19											XD05DB4	03			EXT						A01
19054		XA501	20		XA539	39				16B	9			XD05DB4R	01			EXT						
19055		XA539	39											XD05DB4R	02			DCF						
19056		XA541	41										J	XD06ADX	01	XD06ADX	00	1	DCF	B5		16A	TDI68B4 BUSS	
19057		XA540	41										J	XD06BDX	01	XD06BDX	00	1	DCF	B5		16A	TDI68B4 BUSS	
19058		XA539	41										J	XD06CDX	01	XD06CDX	00	1	DCF	B5		16A	XD06DB4 BUSS	
19059		XA543	41		XA541	38				16B	9			XD06COX	01	XDR6RA	01	1	TQ2	D3		22B		
														****	SIGNAL	XD06COX			IS ON THE	NEXT PAGE	****			

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	PREFIX	CONNECTOR	PIN	W/O	PREFIX	CONNECTOR	PIN	W/O	SH TO	MULTI GROUP	CODE	COLOR												IDENT
19060		XA541	38		XA539	40					16B	9		XD06COX	02	XD06A0X	01	1	DCF	B6		14A		
19061		XA539	40											XD06COX	03	XD06COX	00	1	DCF	B6		15A		
19064		XA545	26		XA539	41					16B	9		XD06DB4	01				RR4	B2				
19065		XA539	41		XA501	21					16B	9	P	XD06CDX	02	XD06DB4	01	1	DCF	B5		16A	DEV DATA LINE 6	C02
19063		XA501	21											XD06DB4	03				EXT				A01	
19067		XA501	22		XA539	42					16B	9		XD06DB4R	01				EXT					
19068		XA539	42											XD06DB4R	02				DCF			20B		
19069		XA541	23										J	XD07ADX	01	XD07ADX	00	1	DCF	B7		10A	TDI7B84 BUSS	
19070		XA540	23										J	XD07BDX	01	XD07BDX	00	1	DCF	B7		10A	TDI7B84 BUSS	
19071		XA539	23										J	XD07CDX	01	XD07CDX	00	1	DCF	B7		10A	XD07DB4 BUSS	
19072		XA539	30		XA541	34					16B	9		XD07COX	01	XD07COX	00	1	DCF	B8		11A		
19073		XA541	34		XA543	47					16B	9		XD07COX	02	XD07A0X	01	1	DCF	B8		12A		
19074		XA543	47											XD07COX	03	XDR7RA	01	1	TQ2	D4		25B		
19077		XA545	24		XA539	23					16B	9		XD07DB4	01				RR4	B3				
19078		XA539	23		XA501	23					16B	9	P	XD07CDX	02	XD07DB4	01	1	DCF	B7		10A	DEV DATA LINE 7	C02
19076		XA501	23											XD07DB4	03				EXT				A01	
19080		XA501	24		XA539	21					16B	9		XD07DB4R	01				EXT					
19081		XA539	21											XD07DB4R	02				DCF					
19082		XA548	74		XA550	75					16B	9		XECMA0	01	XECMCOX	01	1	DCF	D6		37A		
19083		XA550	75											XECMA0	02	XECMA0	00	1	TQ2	F1		37B	DEV COMMAND	
19084		XA548	80										J	XECMCDX	01	XECMCDX	00	1	DCF	D5		38B	XECMDB4 BUSS	
19087		XA548	80		XA545	73					16B	9	P	XECMCDX	01	XECMDB4	01	1	DCF	D5		38B	DEV COMMAND LINE	A01
19088		XA545	73		XA502	49					16B	9		XECMDB4	02				RR4	H4				A01
19086		XA502	49											XECMDB4	03				EXT					A01
19090		XA502	50	3	XA548	79	3				16B	9		XECMDB4R	01				EXT					
19091		XA548	79											XECMDB4R	02				DCF			40B		
19092		XA549	79		XA549	59					16B	9		XECMDO	01	XECSCA	01	3	TT3	F1		39B		
19093		XA549	59		XA551	68					16B	9		XECMDO	02	XEMRDA	01	2	TT3	E3		31B		
19094		XA551	68											XECMDO	03	XECMDO	00	1	THI	E6		32B	IOC COMMAND	
19095		XA550	79		XA549	73					16B	9		XECSCA	01	XECMA0	01	2	TQ2	F1		39B		
19096		XA549	73											XECSCA	02	XECSCA	00	1	TT3	F1		36B	CH.SEL.COMMAND	
19097		XA547	52		XA549	51					16B	9		XECSDA	01	XEOPADX	01	1	DCF	C1		29A		
19098		XA549	51		XA548	36					16B	9		XECSDA	02	XECSDA	00	1	TT3	D3		27B	CH.SEL.INTER*	
19099		XA548	36		XA548	06					16B	9		XECSDA	03	XE04ADX	01	1	DCF	B1		13A		
19100		XA548	06											XECSDA	04	XE00ADX	01	1	DCF	A1		05A		

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UNIT ASSEMBLY NAME				CARD CAGE ASSY, I/O UNIT				FILE IDENT		T39BIUX2		DATE		09-03-82		PAGE		380				
RECORD NUMBER	FROM			TO			WIRE			SIGNAL	SEQ NO	EQUATION	FUNK	FACTOR	CKT OR CHIP TYPE	GROUP	LOAD OR POWER PLANE	TEST POINTS		SIGNAL DESCRIPTION	ECC NO	
	PREFIX	CONNECTOR	PIN	PREFIX	CONNECTOR	PIN	MULTI GROUP	CODE	COLOR									IDENT	AND			OR
19101		XA551	50		XA550	59		16B	9		XECSEA	01	XECSE0	01	1	THI	D3		22A			
19102		XA550	59		XA549	55		16B	9		XECSEA	02	XEENAO	01	1	TQ2	E4		31B			
19103		XA549	55								XECSEA	03	XECSEA	00	1	TT3	E2		29B	CH.SEL.ENABLE		
19104		XA551	48		XA550	49		16B	9		XECSE0	01	XECSE0	00	1	THI	D3		21A			
19105		XA550	49		XA550	43		16B	9		XECSE0	02	XER7RA	01	2	TQ2	D4		26B			
19106		XA550	43		XA550	37		16B	9		XECSE0	03	XER6RA	01	2	TQ2	D3		23B			
19107		XA550	37		XA550	31		16B	9		XECSE0	04	XER5RA	01	2	TQ2	C4		18B			
19108		XA550	31		XA550	25		16B	9		XECSE0	05	XER4RA	01	2	TQ2	C3		15B			
19109		XA550	25		XA550	19		16B	9		XECSE0	06	XER3RA	01	2	TQ2	B4		12B			
19110		XA550	19		XA550	13		16B	9		XECSE0	07	XER2RA	01	2	TQ2	B3		09B			
19111		XA550	13		XA550	07		16B	9		XECSE0	08	XER1RA	01	2	TQ2	A4		06B			
19112		XA550	07								XECSE0	09	XER0RA	01	2	TQ2	A3		03A			
19113		XA547	06		XA547	36		16B	9		XECSSA	01	XE00BDX	01	1	DCF	A1		05A			
19114		XA547	36		XA549	74		16B	9		XECSSA	02	XE04BDX	01	1	DCF	B1		13A			
19115		XA549	74								XECSSA	03	XECSSA	00	1	TT3	F2		35B	CH.SEL.INTER		
19116		XA549	64		XA546	52		16B	9		XECSSA	01	XECSSA	00	1	TT3	E1		30A	CH.SEL.STROBE		
19117		XA546	52		XA546	36		16B	9		XECSSA	02	XE0PCDX	01	1	DCF	C1		29A			
19118		XA546	36		XA546	06		16B	9		XECSSA	03	XE04CDX	01	1	DCF	B1		13A			
19119		XA546	06								XECSSA	04	XE00CDX	01	1	DCF	A1		05A			
19120		XA548	70		XA550	63		16B	9		XEENAO	01	XEENCOX	01	1	DCF	D8		35A			
19121		XA550	63								XEENAO	02	XEENAO	00	1	TQ2	E4		33B	DEV ENABLE		
19122		XA549	62		XA549	57		16B	9		XEENBO	01	XECSEA	01	3	TT3	E2		29A			
19123		XA549	57		XA551	57		16B	9		XEENBO	02	XEMRDA	01	1	TT3	E3		30B			
19124		XA551	57								XEENBO	03	XEENBO	00	1	THI	E5		30B	IOC ENABLE		
19125		XA548	61							J	XEENC DX	01	XEENC DX	00	1	DCF	D7		33A	XEENDB4 BUSS		
19128		XA548	61		XA545	71		16B	9		P	XEENC DX	01	XEENDB4	01	1	DCF	D7	33A	DEV ENABLE LINE		
19129		XA545	71		XA502	47		16B	9			XEENDB4	02			RR4	H5				A01	
19127		XA502	47									XEENDB4	03			EXT						A01
19131		XA502	48	3	XA548	59	3	16B	9			XEENDB4R	01			EXT						
19132		XA548	59									XEENDB4R	02			DCF						
19133		XA548	73		XA548	71		16B	9			XEGNDA	01	XEINCOX	01	1	DCF	D4	35B			
19134		XA548	71		XA546	51		16B	9			XEGNDA	02	XER7COX	01	1	DCF	D2	34B			
19135		XA546	51		XA546	50		16B	9			XEGNDA	03	XER0COX	01	1	DCF	C4	28B			
19136		XA546	50		XA546	54		16B	9			XEGNDA	04	XER2COX	01	1	DCF	C8	28A			
19137		XA546	54		XA548	52		16B	9			XEGNDA	05	XER1COX	01	1	DCF	C6	30A			
19138		XA548	52		XA551	19		16B	9			XEGNDA	06	XEREAD X	01	1	DCF	C1	29A			
19139		XA551	19									XEGNDA	07	XEGNDA	00	1	THI	B5	10B			
19140		XA549	47		XA549	60		16B	9			XEICRO	01	XECSDA	01	2	TT3	D3	25B			
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	PREFIX	CONNECTOR	PIN	PREFIX	CONNECTOR	PIN	SH 70	MULTI GROUP	CODE	COLOR												IDENT
19141		XA549	60		XA549	68			16B	9		XEICRO	02	XECSEA	01	2	TT3	E2	28A			
19142		XA549	68		XA551	63			16B	9		XEICRO	03	XECSSA	01	2	TT3	E1	32A			
19143		XA551	63		XA549	71			16B	9		XEICRO	04	XEYCRO	00	1	THI	E2	30A	IOE ADRS		
19144		XA549	71		XA549	77			16B	9		XEICRO	05	XECSIA	01	2	TT3	F2	36A			
19145		XA549	77									XEICRO	06	XECSCA	01	2	TT3	F1	38B			
19146		XA549	45		XA549	53			16B	9		XEICSO	01	XECSDA	01	1	TT3	D3	24B			
19147		XA549	53		XA549	75			16B	9		XEICSO	02	XECSEA	01	1	TT3	E2	28B			
19148		XA549	75		XA549	65			16B	9		XEICSO	03	XECSCA	01	1	TT3	F1	37B			
19149		XA549	65		XA549	66			16B	9		XEICSO	04	XECSIA	01	1	TT3	F2	34B			
19150		XA549	66		XA551	66			16B	9		XEICSO	05	XECSSA	01	1	TT3	E1	31A			
19151		XA551	66									XEICSO	06	XEICSO	00	1	THI	E1	32A	IOC CH.SEL		
19152		XA547	55								J	XEINADX	01	XEINADX	00	1	DCF	C3	30B	TINDBB4 BUSS		
19153		XA548	78								J	XEINCDX	01	XEINCDX	00	1	DCF	D3	37B	XEINDB4 BUSS		
19154		XA548	75		XA547	51			16B	9		XEINCOX	01	XEINCOX	00	1	DCF	D4	36B	DEV INDICATOR REC.		
19155		XA547	51									XEINCOX	02	XEINAUX	01	1	DCF	C4	28B			
19158		XA548	78		XA545	75			16B	9		P	XEINCDX	01	XEINDB4	01	1	DCF	D3	37B		
19159		XA545	75		XA502	51			16B	9			XEINDB4	02				RR4	H3		A01	
19157		XA502	51										XEINDB4	03				EXT			A01	
19161		XA502	52	3	XA548	77	3		16B	9			XEINDB4R	01				EXT				
19162		XA548	77										XEINDB4R	02				DCF				
19163		XA549	49		XA550	57			16B	9		XEINTA	01	XECSDA	01	3	TT3	D3	26B			
19164		XA550	57									XEINTA	02	XEINTA	00	1	TQ2	E3	30B			
19165		XA551	60		XA550	53			16B	9		XEINTO	01	XEINTO	00	1	THI	E3	28A	IOC INTERROGATE		
19166		XA550	53		XA549	72			16B	9		XEINTO	02	XEINTA	01	1	TQ2	E3	28B			
19167		XA549	72									XEINTO	03	XECSIA	01	3	TT3	F2	34A			
06690		XA303	75		XA430	78			16B	9		XEIRCD4	005					EXT				
19168		XA430	78		XA432	64			16B	9		XEIRCD4	01					RR4	H1			
19169		XA432	64		XA439	74			16B	9		XEIRCD4	02	YRQAO	01	5	YS8	E1	30A			
19170		XA439	74									XEIRCD4	03	XEIRCO	01	1	THI	F4	35A			
19171		XA439	72		XA431	24			16B	9		XEIRCO	01	XEIRCO	00	1	THI	F4	34A			
19172		XA431	24									XEIRCO	02	XMR4SA	01	1	TQ2	B1	13A			
19173		XA549	05		XA549	10			16B	9		XEMRCA	01	XER10R	01	3	TT3	A2	03B			
19174		XA549	10		XA549	18			16B	9		XEMRCA	02	XER00R	01	3	TT3	A1	07A			
19175		XA549	18		XA549	26			16B	9		XEMRCA	03	XER30R	01	3	TT3	B2	10A			
19176		XA549	26		XA549	34			16B	9		XEMRCA	04	XER20R	01	3	TT3	B1	14A			
19177		XA549	34		XA549	42			16B	9		XEMRCA	05	XER50R	01	3	TT3	C2	16A			
19178		XA549	42		XA549	48			16B	9		XEMRCA	06	XER40R	01	3	TT3	C1	20A			
19179		XA549	48		XA549	56			16B	9		XEMRCA	07	XER70R	01	3	TT3	D2	22A			
19180		XA549	56		XA550	72			16B	9		XEMRCA	08	XER60R	01	3	TT3	D1	26A			
									****	SIGNAL	(XEMRCA		IS ON THE	NEXT PAGE	****							

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	PREFIX	CONNECTOR	PIN	PC IN	PREFIX	CONNECTOR	PIN	PC IN	MULTI GROUP	CODE	COLOR	IDENT												RES. IN USE
19181		XA550	72										XEMRCA	09	XEMRCA	00	1	TQ2	F2		34A	ENB.CMD.STB.		
19182		XA550	77		XA549	63			16B	9			XEMRDA	01	XECMAO	01	1	TQ2	F1		38B	DEV RESET		
19183		XA549	63		XA550	61			16B	9			XEMRDA	02	XEMRDA	00	1	TT3	E3		33B			
19184		XA550	61		XA551	41			16B	9			XEMRDA	03	XEENAO	01	2	TQ2	E4		32B			
19185		XA551	41										XEMRDA	04	XEMRDO	01	1	THI	D4		23B			
19186		XA551	46		XA550	71			16B	9			XEMRDO	01	XEMRDO	00	1	THI	D4		22B			
19187		XA550	71										XEMRDO	02	XEMRCA	01	1	TQ2	F2		36A			
19188		XA548	46									J	XEREADX	01	XEREADX	00	1	DCF	C1		25B	TRQ68B4 BUSS		
19189		XA549	39		XA548	49			16B	9			XERECO	01	XERECO	00	1	TT3	C3		19B	DEV OR D REQ		
19190		XA548	49										XERECO	02	XEREA0X	01	1	DCF	C2		27B			
19191		XA551	26		XA549	33			16B	9			XERE1A	01	XERE1A	00	1	THI	B6		12B			
19192		XA549	33										XERE1A	02	XERECO	01	1	TT3	C3		16B			
19193		XA549	15		XA551	27			16B	9			XERE10	01	XERE10	00	1	TT3	A3		07B	DEV REQ 0+1+2		
19194		XA551	27										XERE10	02	XERE1A	01	1	THI	B6		13B			
19195		XA549	35		XA551	31			16B	9			XERE2A	01	XERECO	01	2	TT3	C3		17B			
19196		XA551	31										XERE2A	02	XERE2A	00	1	THI	C5		16B			
19197		XA549	27		XA551	33			16B	9			XERE20	01	XERE20	00	1	TT3	B3		13B	DEV REQ 3+4+5		
19198		XA551	33										XERE20	02	XERE2A	01	1	THI	C5		17B			
19199		XA549	37		XA551	42			16B	9			XERE3A	01	XERECO	01	3	TT3	C3		18B			
19200		XA551	42										XERE3A	02	XERE3A	00	1	THI	C6		18B			
19201		XA551	39		XA550	66			16B	9			XERE30	01	XERE3A	01	1	THI	C6		19B	DEV REQ 6+7		
19202		XA550	66										XERE30	02	XERE30	00	1	TQ2	E1		31A			
19203		XA550	08		XA551	13			16B	9			XEROCA	01	XER00S	01	1	TQ2	A1		06A			
19204		XA551	13										XEROCA	02	XEROCA	00	1	THI	A1		06A			
19205		XA546	55									J	XER0CDX	01	XER0CDX	00	1	DCF	C3		30B	XER0DB4 BUSS		
19206		XA546	56		XA551	11			16B	9			XER0COX	01	XER0COX	00	1	DCF	C4		29B	DEV REQ REC. 0		
19207		XA551	11										XER0COX	02	XEROCA	01	1	THI	A1		07A			
19210		XA546	55		XA545	51			16B	9		P	XER0CDX	01	XER0DB4	01	1	DCF	C3		30B			
19211		XA545	51		XA502	25			16B	9			XER0DB4	02				RR4	F5				A01	
19209		XA502	25										XER0DB4	03				EXT					A01	
19213		XA546	53	3	XA502	26	3		16B	9			XER0DB4R	01				DCF						
19214		XA502	26										XER0DB4R	02				EXT						
19215		XA549	08		XA550	09			16B	9			XERORA	01	XER0OR	01	2	TT3	A1		06A			
19216		XA550	09										XERORA	02	XERORA	00	1	TQ2	A3		04B			

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	PREFIX	CONNECTOR	PIN	SH FT	PREFIX	CONNECTOR	PIN	SH FT	MULTI GROUP	CODE	COLOR	IDENT													
19217		XA551	03		XA549	09				16B	9		XER00A	01	XER00A	00	1	THI	A3		03A				
19218		XA549	09										XER00A	02	XERE10	01	1	TT3	A3		04B				
19219		XA550	10		XA549	04				16B	9		XER00R	01	XER00S	01	2	TQ2	A1		07A				
19220		XA549	04										XER00R	02	XER00R	00	1	TT3	A1		04A				
19221		XA547	11		XA549	06				16B	9		XER00S	01	XE00BOX	01	1	DCF	A2		04B				
19222		XA549	06		XA550	06				16B	9		XER00S	02	XER00R	01	1	TT3	A1		05A				
19223		XA550	06		XA551	04				16B	9		XER00S	03	XER00S	00	1	TQ2	A1		05A	DEV REQ 0			
19224		XA551	04										XER00S	04	XER00A	01	1	THI	A3		02A				
19225		XA550	04		XA551	08				16B	9		XER1CA	01	XER10S	01	1	TQ2	A2		04A				
19226		XA551	08										XER1CA	02	XER1CA	00	1	THI	A2		04A				
19227		XA546	60									J	XERICDX	01	XERICDX	00	1	DCF	C5		31B	XER1DB4 BUSS			
19228		XA546	57		XA551	06				16B	9		XERICOX	01	XERICOX	00	1	DCF	C6		31A	DEV REQ REC. 1			
19229		XA551	06										XERICOX	02	XER1CA	01	1	THI	A2		05A				
19232		XA545	72		XA546	60				16B	9		XER1DB4	01				RR4	G1						
19233		XA546	60		XA502	29				16B	9		XERICDX	02	XER1DB4	01	1	DCF	C5		31B		A01		
19231		XA502	29										XER1DB4	03				EXT					A01		
19235		XA546	58	3	XA502	30		3		16B	9		XER1DB4R	01				DCF							
19236		XA502	30										XER1DB4R	02				EXT							
19237		XA549	03		XA550	15				16B	9		XER1RA	01	XER10R	01	2	TT3	A2		02A				
19238		XA550	15										XER1RA	02	XER1RA	00	1	TQ2	A4		07B				
19239		XA551	01		XA549	11				16B	9		XER10A	01	XER10A	00	1	THI	A4		02B				
19240		XA549	11										XER10A	02	XERE10	01	2	TT3	A3		05B				
19241		XA550	05		XA549	07				16B	9		XER10R	01	XER10S	01	2	TQ2	A2		03B				
19242		XA549	07										XER10R	02	XER10R	00	1	TT3	A2		03A				
19243		XA547	13		XA549	01				16B	9		XER10S	01	XE01BOX	01	1	DCF	A4		05B				
19244		XA549	01		XA550	01				16B	9		XER10S	02	XER10R	01	1	TT3	A2		02B				
19245		XA550	01		XA551	05				16B	9		XER10S	03	XER10S	00	1	TQ2	A2		02B	DEV REQ 1			
19246		XA551	05										XER10S	04	XER10A	01	1	THI	A4		03B				
19247		XA550	24		XA551	24				16B	9		XER2CA	01	XER20S	01	1	TQ2	B1		13A				
19248		XA551	24										XER2CA	02	XER2CA	00	1	THI	B1		13A				
19249		XA546	43									J	XER2CDX	01	XER2CDX	00	1	DCF	C7		25A	XER2DB4 BUSS			
19250		XA546	48		XA551	22				16B	9		XER2COX	01	XER2COX	00	1	DCF	C8		26A	DEV REQ REC. 2			
19251		XA551	22										XER2COX	02	XER2CA	01	1	THI	B1		14A				
													****	SIGNAL (XER2DB4)		IS ON THE		NEXT PAGE		****					

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RECORD NUMBER	FROM			TO			WIRE				SFC UNIT MISC	SIGNAL	SEQ NO	EQUATION	TERM	FACTOR	CKT OR CHIP TYPE	GRM	LOAD OR POWER PLANE	TEST POINTS		SIGNAL DESCRIPTION	ECO NO	
	PREFIX	CONNECTOR	PIN	PREFIX	CONNECTOR	PIN	MULTI GROUP	CODE	COLOR	IDENT										AND	OR			
19254		XA545	66		XA546	43		16B	9			XER2DB4	01				RR4	G2						
19255		XA546	43		XA502	33		16B	9		P	XER2CDX	02	XER2DB4	01	1	DCF	C7		25A			A01	
19253		XA502	33									XER2DB4	03				EXT						A01	
19257		XA546	44	3	XA502	34	3	16B	9			XER2DB4R	01				DCF							
19258		XA502	34									XER2DB4R	02				EXT							
19259		XA549	24		XA550	21		16B	9			XER2RA	01	XER20R	01	2	TT3	B1		13A				
19260		XA550	21									XER2RA	02	XER2RA	00	1	TQ2	B3		10B				
19261		XA551	18		XA549	13		16B	9			XER20A	01	XER20A	00	1	THI	B3		09A				
19262		XA549	13									XER20A	02	XERE10	01	3	TT3	A3		06B				
19263		XA550	26		XA549	20		16B	9			XER20R	01	XER20S	01	2	TQ2	B1		14A				
19264		XA549	20									XER20R	02	XER20R	00	1	TT3	B1		11A				
19265		XA547	08		XA549	22		16B	9			XER20S	01	XE02BOX	01	1	DCF	A6		06A				
19266		XA549	22		XA550	22		16B	9			XER20S	02	XER20R	01	1	TT3	B1		12A				
19267		XA550	22		XA551	20		16B	9			XER20S	03	XER20S	00	1	TQ2	B1		12A	DEV REQ 2			
19268		XA551	20									XER20S	04	XER20A	01	1	THI	B3		10A				
19269		XA550	18		XA551	25		16B	9			XER3CA	01	XER30S	01	1	TQ2	B2		10A				
19270		XA551	25									XER3CA	02	XER3CA	00	1	THI	B2		11A				
19271		XA546	65								J	XER3CDX	01	XER3CDX	00	1	DCF	D1		32B	XER3DB4 BUSS			
19272		XA546	69		XA551	23		16B	9			XER3COX	01	XER3COX	00	1	DCF	D2		33B	DEV REQ REC. 3			
19273		XA551	23									XER3COX	02	XER3CA	01	1	THI	B2		12A				
19276		XA546	65		XA545	65		16B	9			XER3CDX	01	XER3DB4	01	1	DCF	D1		32B				
19277		XA545	65		XA502	35		16B	9		P	XER3DB4	02				RR4	G3					A01	
19275		XA502	35									XER3DB4	03				EXT						A01	
19279		XA546	67	3	XA502	36	3	16B	9			XER3DB4R	01				DCF							
19280		XA502	36									XER3DB4R	02				EXT							
19281		XA549	17		XA550	27		16B	9			XER3RA	01	XER30R	01	2	TT3	B2		08B				
19282		XA550	27									XER3RA	02	XER3RA	00	1	TQ2	B4		13B				
19283		XA551	14		XA549	21		16B	9			XER30A	01	XER30A	00	1	THI	B4		08B				
19284		XA549	21									XER30A	02	XERE20	01	1	TT3	B3		10B				
19285		XA550	20		XA549	19		16B	9			XER30R	01	XER30S	01	2	TQ2	B2		11A				
19286		XA549	19									XER30R	02	XER30R	00	1	TT3	B2		09B				
19287		XA547	04		XA549	14		16B	9			XER30S	01	XE03BOX	01	1	DCF	A8		04A				
19288		XA549	14		XA550	14		16B	9			XER30S	02	XER30R	01	1	TT3	B2		09A				
19289		XA550	14		XA551	17		16B	9			XER30S	03	XER30S	00	1	TQ2	B2		09A	DEV REQ 3			
19290		XA551	17									XER30S	04	XER30A	01	1	THI	B4		09B				
												****	SIGNAL	(XER4CA)	IS ON THE		NEXT PAGE		****					

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	PREFIX	CONNECTOR	PIN	REV	PREFIX	CONNECTOR	PIN	REV	MULTI GROUP	CODE	COLOR	IDENT												
19291		XA550	40			XA551	40							XER4CA	01	XER40S	01	1	TQ2	C1	19A			
19292		XA551	40											XER4CA	02	XER4CA	00	1	THI	C1	19A			
19293		XA546	78										J	XER4CDX	01	XER4CDX	00	1	DCF	D3	37B	XER4DB4	BUSS	
19294		XA546	75			XA551	38							XER4COX	01	XER4COX	00	1	DCF	D4	36B	DEV REQ REC. 4		
19295		XA551	38											XER4COX	02	XER4CA	01	1	THI	C1	20A			
19298		XA546	78			XA545	63							XER4CDX	01	XER4DB4	01	1	DCF	D3	37B			
19299		XA545	63			XA502	37							XER4DB4	02				RR4	G4			A01	
19297		XA502	37											XER4DB4	03				EXT					A01
19301		XA546	77	3		XA502	38	3						XER4DB4R	01				DCF					
19302		XA502	38											XER4DB4R	02				EXT					
19303		XA549	40			XA550	33							XER4RA	01	XER40R	01	2	TT3	C1	19A			
19304		XA550	33											XER4RA	02	XER4RA	00	1	TQ2	C3	16B			
19305		XA551	34			XA549	23							XER40A	01	XER40A	00	1	THI	C3	15A			
19306		XA549	23											XER40A	02	XERE20	01	2	TT3	B3	11B			
19307		XA550	42			XA549	36							XER40R	01	XER40S	01	2	TQ2	C1	20A			
19308		XA549	36											XER40R	02	XER40R	00	1	TT3	C1	17A			
19309		XA547	31			XA549	38							XER40S	01	XE04BOX	01	1	DCF	B2	12B			
19310		XA549	38			XA550	38							XER40S	02	XER40R	01	1	TT3	C1	18A			
19311		XA550	38			XA551	36							XER40S	03	XER40S	00	1	TQ2	C1	18A	DEV REQ 4		
19312		XA551	36											XER40S	04	XER40A	01	1	THI	C3	16A			
19313		XA550	34			XA551	37							XER5CA	01	XER50S	01	1	TQ2	C2	16A			
19314		XA551	37											XER5CA	02	XER5CA	00	1	THI	C2	17A			
19315		XA546	80										J	XER5CDX	01	XER5CDX	00	1	DCF	D5	38B	XER5DB4	BUSS	
19316		XA546	76			XA551	35							XER5COX	01	XER5COX	00	1	DCF	D6	38A	DEV REQ REC. 5		
19317		XA551	35											XER5COX	02	XER5CA	01	1	THI	C2	18A			
19320		XA546	80			XA545	61							XER5CDX	01	XER5DB4	01	1	DCF	D5	38B			
19321		XA545	61			XA502	39							XER5DB4	02				RR4	G5			A01	
19319		XA502	39											XER5DB4	03				EXT					A01
19323		XA546	79	3		XA502	40	3						XER5DB4R	01				DCF		40B			
19324		XA502	40											XER5DB4R	02				EXT					
19325		XA549	30			XA550	39							XER5RA	01	XER50R	01	2	TT3	C2	15A			
19326		XA550	39											XER5RA	02	XER5RA	00	1	TQ2	C4	19B			
19327		XA551	30			XA549	25							XER50A	01	XER50A	00	1	THI	C4	14B			
19328		XA549	25											XER50A	02	XERE20	01	3	TT3	B3	12B			
												****	SIGNAL	(XER50R)	IS ON THE	NEXT PAGE	****							

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RECORD NUMBER	FROM				TO				WIRE			SIGNAL	SEC NO	EQU. TION	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
19329		XA550	36										XER50R	01	XER50S	01	2	TQ2	C2		17A		
19330		XA549	31		XA549	31				16B	9		XER50R	02	XER50R	00	1	TT3	C2		15B		
19331		XA551	29		XA550	30				16B	9		XER50S	01	XER50A	01	1	TH1	C4		15B		
19332		XA550	30		XA549	29				16B	9		XER50S	02	XER50S	00	1	TQ2	C2		15A	DEV REQ 5	
19333		XA549	29		XA547	33				16B	9		XER50S	03	XER50R	01	1	TT3	C2		14B		
19334		XA547	33										XER50S	04	XE0580X	01	1	DCF	B4		13B		
19335		XA550	54		XA551	54				16B	9		XER6CA	01	XER60S	01	1	TQ2	D1		25A		
19336		XA551	54										XER6CA	02	XER6CA	00	1	TH1	D1		25A		
19337		XA546	61									J	XER6CDX	01	XER6CDX	00	1	DCF	D7		33A	XER6DB4 BUSS	
19338		XA546	68		XA551	52				16B	9		XER6COX	01	XER6COX	00	1	DCF	D8		34A	DEV REQ REC. 6	
19339		XA551	52										XER6COX	02	XER6CA	01	1	TH1	D1		26A		
19342		XA545	78		XA546	61				16B	9		XER6DB4	01				RR4	H1				
19343		XA546	61		XA502	41				16B	9	P	XER6CDX	02	XER6DB4	01	1	DCF	D7		33A		
19341		XA502	41										XER6DB4	03				EXT				A01	
19345		XA546	59	3	XA502	42	3			16B	9		XER6DB4R	01				DCF					
19346		XA502	42										XER6DB4R	02				EXT					
19347		XA549	54		XA550	45				16B	9		XER6RA	01	XER60R	01	2	TT3	D1		25A		
19348		XA550	45										XER6RA	02	XER6RA	00	1	TQ2	D3		24B		
19349		XA550	68		XA550	56				16B	9		XER60R	01	XER60R	01	1	TQ2	E1		32A		
19350		XA550	56		XA549	50				16B	9		XER60R	02	XER60S	01	2	TQ2	D1		26A		
19351		XA549	50										XER60R	03	XER60R	00	1	TT3	D1		23A		
19352		XA547	38		XA549	52				16B	9		XER60S	01	XE06B0X	01	1	DCF	B6		14A		
19353		XA549	52		XA550	52				16B	9		XER60S	02	XER60R	01	1	TT3	D1		24A		
19354		XA550	52										XER60S	03	XER60S	00	1	TQ2	D1		24A	DEV REQ 6	
19355		XA551	49		XA550	48				16B	9		XER7CA	01	XER7CA	00	1	TH1	D2		23A		
19356		XA550	48										XER7CA	02	XER70S	01	1	TQ2	D2		22A		
19357		XA548	65									J	XER7CDX	01	XER7CDX	00	1	DCF	D1		32B	XER7DB4 BUSS	
19358		XA548	69		XA551	47				16B	9		XER7COX	01	XER7COX	00	1	DCF	D2		33B	DEV REQ REC. 7	
19359		XA551	47										XER7COX	02	XER7CA	01	1	TH1	D2		24A		
19362		XA548	65		XA545	76				16B	9	P	XER7CDX	01	XER7DB4	01	1	DCF	D1		32B		
19363		XA545	76		XA502	45				16B	9		XER7DB4	02				RR4	H2			A01	
19361		XA502	45										XER7DB4	03				EXT				A01	
19365		XA502	46	3	XA548	67	3			16B	9		XER7DB4R	01				EXT					
19366		XA548	67										XER7DB4R	02				DCF					
19367		XA550	51		XA549	46				16B	9		XER7RA	01	XER7RA	00	1	TQ2	D4		27B		
													****	SIGNAL	(XER7RA)								IS ON THE NEXT PAGE ****

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	PREFIX	CONNECTOR	PIN	SH 10	PREFIX	CONNECTOR	PIN	SH 10	MULTI GROUP	CODE	COLOR	IDENT											
19368		XA549	46										XER7RA	02	XER70R	01	2	TT3	D2		21A		
19369		XA549	43		XA550	50			16B	9			XER70R	01	XER70R	00	1	TT3	D2		23B		
19370		XA550	50		XA550	70			16B	9			XER70R	02	XER70S	01	2	TQ2	D2		23A		
19371		XA550	70										XER70R	03	XERE30	01	2	TQ2	E1		33A		
19372		XA550	46		XA549	41			16B	9			XER70S	01	XER70S	00	1	TQ2	D2		21A	DEV REQ 7	
19373		XA549	41		XA547	34			16B	9			XER70S	02	XER70R	01	1	TT3	D2		22B		
19374		XA547	34										XER70S	03	XE07BOX	01	1	DCF	B8		12A		
19375		XA548	72		XA550	60			16B	9			XESTBA	01	XER7CDX	01	1	DCF	D1		36A		
19376		XA550	60										XESTBA	02	XESTBA	00	1	TQ2	E2		28A		
19377		XA550	73		XA549	70			16B	9			XESTB0	01	XEMRCA	01	2	TQ2	F2		36B		
19378		XA549	70		XA550	64			16B	9			XESTB0	02	XECSSA	01	3	TT3	E1		33A		
19379		XA550	64		XA551	56			16B	9			XESTB0	03	XESTBA	01	2	TQ2	E2		30A		
19380		XA551	56										XESTB0	04	XESTB0	00	1	THI	E4		28B	IOC STROBE	
19381		XA547	46									J	XE0PADX	01	XE0PADX	00	1	DCF	C1		25B	TDIPB84 BUSS	
19382		XA546	46									J	XE0PCDX	01	XE0PCDX	00	1	DCF	C1		25B	XE0PDB4 BUSS	
19383		XA547	49		XA546	47			16B	9			XE0PCOX	01	XE0PA0X	01	1	DCF	C2		27B		
19384		XA546	47										XE0PCOX	02	XE0PCOX	00	1	DCF	C2		26B		
19387		XA546	46		XA545	53			16B	9		P	XE0PCDX	01	XE0PDB4	01	1	DCF	C1		25B	DEV DATA LINE PARI	
19388		XA545	53		XA502	03			16B	9			XE0PDB4	02				RR4	F4			A01	
19386		XA502	03										XE0PDB4	03				EXT				A01	
19390		XA546	45	3	XA502	04	3		16B	9			XE0PDB4R	01				DCF			27A		
19391		XA502	04	3									XE0PDB4R	02				EXT					
19392		XA548	07									J	XE00ADX	01	XE00ADX	00	1	DCF	A1		02B	TDI08B4 BUSS	
19393		XA547	07									J	XE00BDX	01	XE00BDX	00	1	DCF	A1		02B	TDI08B4 BUSS	
19394		XA546	07									J	XE00CDX	01	XE00CDX	00	1	DCF	A1		02B	XE000B4 BUSS	
19395		XA546	09		XA548	11			16B	9			XE00COX	01	XE00COX	00	1	DCF	A2		03B		
19396		XA548	11		XA550	03			16B	9			XE00COX	02	XE00A0X	01	1	DCF	A2		04B		
19397		XA550	03										XE00COX	03	XER0RA	01	1	TQ2	A3		02A		
19400		XA545	52		XA546	07			16B	9			XE00DB4	01				RR4	E1				
19401		XA546	07		XA502	05			16B	9		P	XE00CDX	02	XE00DB4	01	1	DCF	A1		02B	DEV DATA LINE 0	
19399		XA502	05										XE00DB4	03				EXT				A01	
19403		XA502	06	3	XA546	05	3		16B	9			XE00DB4R	01				EXT					
19404		XA546	05	3									XE00DB4R	02				DCF					
19405		XA548	17									J	XE01ADX	01	XE01ADX	00	1	DCF	A3		07B	TDI18B4 BUSS	

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	PREFIX	CONNECTOR	PIN	WIRE	PREFIX	CONNECTOR	PIN	WIRE	MULTI GROUP	CODE	COLOR	IDENT									AND	OR		
19406		XA547	17									J	XE01BDX	01	XE01BDX	00	1	DCF	A3		07B		TDI18B4 BUSS	
19407		XA546	17									J	XE01CDX	01	XE01CDX	00	1	DCF	A3		07B		XE010B4 BUSS	
19408		XA550	11		XA548	13			16B	9			XE01COX	01	XER1RA	01	1	TQ2	A4		05B			
19409		XA548	13		XA546	15			16B	9			XE01COX	02	XE01AOX	01	1	DCF	A4		05B			
19410		XA546	15										XE01COX	03	XE01COX	00	1	DCF	A4		06B			
19413		XA545	48		XA546	17			16B	9			XE010B4	01				RR4	E2					
19414		XA546	17		XA502	07			16B	9		P	XE01CDX	02	XE01DB4	01	1	DCF	A3		07B		DEV DATA LINE 1	A01
19412		XA502	07										XE010B4	03				EXT						A01
19416		XA502	08	3	XA546	19	3		16B	9			XE010B4R	01				EXT						
19417		XA546	19	3									XE010B4R	02				DCF						
19418		XA548	14									J	XE02ADX	01	XE02ADX	00	1	DCF	A5		08B		TDI28B4 BUSS	
19419		XA547	14									J	XE02BDX	01	XE02BDX	00	1	DCF	A5		08B		TDI28B4 BUSS	
19420		XA546	14									J	XE02CDX	01	XE02CDX	00	1	DCF	A5		08B		XE020B4 BUSS	
19421		XA546	10		XA548	08			16B	9			XE02COX	01	XE02COX	00	1	DCF	A6		07A			
19422		XA548	08		XA550	17			16B	9			XE02COX	02	XE02AOX	01	1	DCF	A6		06A			
19423		XA550	17										XE02COX	03	XER2RA	01	1	TQ2	B3		08B			
19426		XA545	47		XA546	14			16B	9			XE020B4	01				RR4	E3					
19427		XA546	14		XA502	09			16B	9		P	XE02CDX	02	XE020B4	01	1	DCF	A5		08B		DEV DATA LINE 2	A01
19425		XA502	09										XE020B4	03				EXT						A01
19429		XA502	10	3	XA546	16	3		16B	9			XE020B4R	01				EXT						
19430		XA546	16	3									XE020B4R	02				DCF						
19431		XA548	01									J	XE03ADX	01	XE03ADX	00	1	DCF	A7		02A		TDI38B4 BUSS	
19432		XA547	01									J	XE03BDX	01	XE03BDX	00	1	DCF	A7		02A		TDI38B4 BUSS	
19433		XA546	01									J	XE03CDX	01	XE03CDX	00	1	DCF	A7		02A		XE030B4 BUSS	
19434		XA546	03		XA548	04			16B	9			XE03COX	01	XE03COX	00	1	DCF	A8		03A			
19435		XA548	04		XA550	23			16B	9			XE03COX	02	XE03AOX	01	1	DCF	A8		04A			
19436		XA550	23										XE03COX	03	XER3RA	01	1	TQ2	B4		11B			
19439		XA545	45		XA546	01			16B	9			XE030B4	01				RR4	E4					
19440		XA546	01		XA502	13			16B	9		P	XE03CDX	02	XE030B4	01	1	DCF	A7		02A		DEV DATA LINE 3	A01
19438		XA502	13										XE030B4	03				EXT						A01
19442		XA502	14	3	XA546	02	3		16B	9			XE030B4R	01				EXT						
19443		XA546	02	3									XE030B4R	02				DCF			01A			

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 UNIT ASSEMBLY NAME CARD CAGE ASSY, I/O UNIT

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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 FT	PREFIX	CONNECTOR	PIN	SH FT	MULTI GROUP	CODE	COLCR	IDENT											
19444		XA548	27										J	XE04ADX	01	XE04ADX	00	1	DCF	B1	10B	TDI48B4 BUSS	
19445		XA547	27										J	XE04BDX	01	XE04BDX	00	1	DCF	B1	10B	TDI48B4 BUSS	
19446		XA546	27										J	XE04CDX	01	XE04CDX	00	1	DCF	B1	10B	XE04DB4 BUSS	
19447		XA550	29		XA548	31			16B	9				XE04COX	01	XER4RA	01	1	TQ2	C3	14B		
19448		XA548	31		XA546	29			16B	9				XE04COX	02	XE04AOX	01	1	DCF	B2	12B		
19449		XA546	29											XE04COX	03	XE04COX	00	1	DCF	B2	11B		
19452		XA545	41		XA546	27			16B	9				XE04DB4	01				RR4	E5			
19453		XA546	27		XA502	17			16B	9			P	XE04CDX	02	XE04DB4	01	1	DCF	B1	10B	DEV DATA LINE 4	A01
19451		XA502	17											XE04DB4	03				EXT				A01
19455		XA502	18	3	XA546	25	3		16B	9				XE04DB4R	01				EXT				
19456		XA546	25	3										XE04DB4R	02				DCF				
19457		XA548	37										J	XE05ADX	01	XE05ADX	00	1	DCF	B3	15B	TDI58B4 BUSS	
19458		XA547	37										J	XE05BDX	01	XE05BDX	00	1	DCF	B3	15B	TDI58B4 BUSS	
19459		XA546	37										J	XE05CDX	01	XE05CDX	00	1	DCF	B3	15B	XE05DB4 BUSS	
19460		XA550	35		XA548	33			16B	9				XE05COX	01	XER5RA	01	1	TQ2	C4	17B		
19461		XA548	33		XA546	35			16B	9				XE05COX	02	XE05AOX	01	1	DCF	B4	13B		
19462		XA546	35											XE05COX	03	XE05COX	00	1	DCF	B4	14B		
19465		XA545	62		XA546	37			16B	9				XE05DB4	01				RR4	F1			
19466		XA546	37		XA502	19			16B	9			P	XE05CDX	02	XE05DB4	01	1	DCF	B3	15B	DEV DATA LINE 5	A01
19464		XA502	19											XE05DB4	03				EXT				A01
19468		XA502	20	3	XA546	39	3		16B	9				XE05DB4R	01				EXT				
19469		XA546	39											XE05DB4R	02				DCF				
19470		XA548	41										J	XE06ADX	01	XE06ADX	00	1	DCF	B5	16A	TDI68B4 BUSS	
19471		XA547	41										J	XE06BDX	01	XE06BDX	00	1	DCF	B5	16A	TDI68B4 BUSS	
19472		XA546	41										J	XE06CDX	01	XE06CDX	00	1	DCF	B5	16A	XE06DB4 BUSS	
19473		XA550	41		XA548	38			16B	9				XE06COX	01	XER6RA	01	1	TQ2	D3	22B		
19474		XA548	38		XA546	40			16B	9				XE06COX	02	XE06AOX	01	1	DCF	B6	14A		
19475		XA546	40											XE06COX	03	XE06COX	00	1	DCF	B6	15A		
19478		XA545	56		XA546	41			16B	9				XE06DB4	01				RR4	F2			
19479		XA546	41		XA502	21			16B	9			P	XE06CDX	02	XE06DB4	01	1	DCF	B5	16A	DEV DATA LINE 6	A01
19477		XA502	21											XE06DB4	03				EXT				A01
													****	SIGNAL (XE06DB4R)	IS ON THE NEXT PAGE				****				

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	PREFIX	CONNECTOR	PIN	SH FTG	PREFIX	CONNECTOR	PIN	SH FTG	MULTI GROUP	CODE												COLOR	IDENT
19481		XA502	22	3		XA546	42	3		16B	9												
19482		XA546	42	3															20B				
19483		XA548	23										J	XE07ADX	01	XE07ADX	00	1	DCF	B7	10A	TDI7BB4 BUSS	
19484		XA547	23										J	XE07BDX	01	XE07BDX	00	1	DCF	B7	10A	TDI7BB4 BUSS	
19485		XA546	23										J	XE07CDX	01	XE07CDX	00	1	DCF	B7	10A	XE07DB4 BUSS	
19486		XA546	30			XA548	34			16B	9			XE07COX	01	XE07COX	00	1	DCF	B8	11A		
19487		XA548	34			XA550	47			16B	9			XE07COX	02	XE07A0X	01	1	DCF	B8	12A		
19488		XA550	47											XE07COX	03	XER7RA	01	1	TQ2	D4	25B		
19491		XA545	55			XA546	23			16B	9			XE07DB4	01								
19492		XA546	23			XA502	23			16B	9		P	XE07CDX	02	XE07DB4	01	1	DCF	B7	10A	DEV DATA LINE 7	A01
19490		XA502	23											XE07DB4	03								A01
19494		XA502	24	3		XA546	21	3		16B	9			XE07DB4R	01								
19495		XA546	21	3										XE07DB4R	02								
06674		XA302	75			XA439	76			16B	9			XFIRCD4	005								
19496		XA439	76			XA432	66			16B	9			XFIRCD4	01	XF CO	01	1	EXT	THI	F5	37A	
19497		XA432	66			XA430	76			16B	9			XFIRCD4	02	T J0A0	01	6	TS8	E1	31A		
19498		XA430	76											XFIRCD4	03					RR4	H2		
19499		XA439	78			XA431	18			16B	9			XFIRCO	01	XFIRCO	00	1	THI	F5	36A		
19500		XA431	18											XFIRCO	02	XMR5SA	01	1	TQ2	B2	10A		
06666		XA302	35			XA430	75			16B	9			XGIRCD4	005								
19501		XA430	75			XA432	68			16B	9			XGIRCD4	01					RR4	H3		
19502		XA432	68			XA439	75			16B	9			XGIRCD4	02	TRQ0A0	01	7	TS8	E1	32A		
19503		XA439	75											XGIRCD4	03	XGIRCO	01	1	THI	F6	39A		
19504		XA439	77			XA431	17			16B	9			XGIRCO	01	XGIRCO	00	1	THI	F6	38A		
19505		XA431	17											XGIRCO	02	XMR6SA	01	1	TQ2	B3	08B		
06669		XA302	61			XA406	47			16B	9			XHIRCD4	005								
19506		XA406	47			XA430	72			16B	9			XHIRCD4	01	XHIRCO	01	1	EXT	THI	D2	24A	B05
15420		XA430	72			XA432	70			16B	9			XHIRCD4	02					RR4	G1		B05
19508		XA432	70											XHIRCD4	03	TRQ0A0	01	8	TS8	E1	33A		
19509		XA431	23			XA406	49			16B	9			XHIRCO	01	XMR7SA	01	1	TQ2	B4	11B		
19510		XA406	49											XHIRCO	02	XHIRCO	00	1	THI	D2	23A		
19511		XA503	38	3		XA514	53	3		16B	9			XICMDGX	01	XIDUMZ	03	5	EXT				
19512		XA514	53			XA514	59			16B	9			XICMDGX	02					ACF	RD		
19513		XA514	59											XICMDGX	03	XICMDGX	00	1	ACF	D1			
19514		XA514	57			XA503	37			16B	9			XICMDHX	01	XICMDHX	00	1	ACF	D2			
19515		XA503	37											XICMDHX	02	XIDUMZ	07	5	EXT				

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	PREFIX	CONNECTOR	PIN	PREFIX	CONNECTOR	PIN	SH. NO.	MULTI GROUP	CODE	COLOR	IDENT											
19516		XA516	79		XA516	61			16B	9		XICMDO	01	XICSCA	01	3	TT3	F1		39B		
19517		XA516	61		XA518	68			16B	9		XICMDO	02	XIMRDA	01	3	TT3	E3		32B		
19518		XA518	68									XICMDO	03	XICMDO	00	1	THI	E6		32B	IOC COMMAND	
19519		XA514	37		XA517	75			16B	9		XICSAO	01	XICMDHX	01	1	ACF	D2		18A		
19520		XA517	75									XICSAO	02	XICSAO	00	1	TQ2	F1		37B	DEV COMMAND	
19521		XA517	79		XA516	73			16B	9		XICSCA	01	XICSAO	01	2	TQ2	F1		39B		
19522		XA516	73									XICSCA	02	XICSCA	00	1	TT3	F1		36B	CH.SEL.COMMAND	
19523		XA516	51		XA518	79			16B	9		XICSDA	01	XICSDA	00	1	TT3	D3		27B	CH.SEL.INTER*	
19524		XA518	79									XICSDA	02	XICSDO	01	1	THI	F1		39B		
19525		XA518	80		XA515	23			16B	9		XICSDO	01	XICSDO	00	1	THI	F1		38B		
19526		XA515	23		XA515	24			16B	9		XICSDO	02	XII7AA	01	1	TQ2	B4		11B		
19527		XA515	24		XA515	18			16B	9		XICSDO	03	XII4AA	01	1	TQ2	B1		13A		
19528		XA515	18		XA515	17			16B	9		XICSDO	04	XII5AA	01	1	TQ2	B2		10A		
19529		XA515	17		XA515	11			16B	9		XICSDO	05	XII6AA	01	1	TQ2	B3		08B		
19530		XA515	11		XA515	03			16B	9		XICSDO	06	XII3AA	01	1	TQ2	A4		05B		
19531		XA515	03		XA515	04			16B	9		XICSDO	07	XII2AA	01	1	TQ2	A3		02A		
19532		XA515	04		XA515	08			16B	9		XICSDO	08	XII1AA	01	1	TQ2	A2		04A		
19533		XA515	08		XA515	40			16B	9		XICSDO	09	XII0AA	01	1	TQ2	A1		06A		
19556		XA515	40		XA515	34			16B	9		XICSDO	10	XII0AA	01	1	TQ2	C1		19A	B05	
19557		XA515	34									XICSDO	11	XII1AA	01	1	TQ2	C2		16A	B05	
19534		XA516	55		XA517	59			16B	9		XICSEA	01	XICSEA	00	1	TT3	E2		29B	CH.SEL.ENABLE	
19535		XA517	59		XA518	50			16B	9		XICSEA	02	XIENAO	01	1	TQ2	E4		31B		
19536		XA518	50									XICSEA	03	XICSE0	01	1	THI	D3		22A		
19537		XA517	07		XA517	13			16B	9		XICSE0	01	XIR0RA	01	2	TQ2	A3		03A		
19538		XA517	13		XA517	19			16B	9		XICSE0	02	XIR1RA	01	2	TQ2	A4		06B		
19539		XA517	19		XA517	25			16B	9		XICSE0	03	XIR2RA	01	2	TQ2	B3		09B		
19540		XA517	25		XA517	31			16B	9		XICSE0	04	XIR3RA	01	2	TQ2	B4		12B		
19541		XA517	31		XA517	37			16B	9		XICSE0	05	XIR4RA	01	2	TQ2	C3		15B		
19542		XA517	37		XA517	43			16B	9		XICSE0	06	XIR5RA	01	2	TQ2	C4		18B		
19543		XA517	43		XA517	49			16B	9		XICSE0	07	XIR6RA	01	2	TQ2	D3		23B		
19544		XA517	49		XA518	48			16B	9		XICSE0	08	XIR7RA	01	2	TQ2	D4		26B		
19545		XA518	48									XICSE0	09	XICSE0	00	1	THI	D3		21A		
19546		XA516	74		XA518	45			16B	9		XIC5IA	01	XIC5IA	00	1	TT3	F2		35B	CH.SEL.INTER	
19547		XA518	45									XIC5IA	02	XIC5I0	01	1	THI	D5		25B		
19548		XA515	68		XA515	62			16B	9		XIC5I0	01	XII4BA	01	1	TQ2	E1		32A		
19549		XA515	62		XA515	59			16B	9		XIC5I0	02	XII5BA	01	1	TQ2	E2		29A		
19550		XA515	59		XA515	53			16B	9		XIC5I0	03	XII7BA	01	1	TQ2	E4		31B		
19551		XA515	53		XA515	54			16B	9		XIC5I0	04	XII6BA	01	1	TQ2	E3		28B		
19552		XA515	54		XA515	48			16B	9		XIC5I0	05	XII0BA	01	1	TQ2	D1		25A		
19553		XA515	48		XA515	47			16B	9		XIC5I0	06	XII1BA	01	1	TQ2	D2		22A		
									****	SIGNAL		XIC5I0		IS ON THE						****		

DRAWING NUMBER		149019-800		STRING		UNIT ASSEMBLY NO.		149019		REV		G		INDEX		XICSI0						
UNIT ASSEMBLY NAME		CARD CAGE ASSY, I/O UNIT		FILE IDENT		T39BIUX2		DATE		09-03-82		PAGE		392								
RECORD NUMBER	FROM			TO			WIRE			SFC INST MISC	SIGNAL	SEQ NO	EQUATION	TERM FACTOR	CKT OR CHIP TYPE	GROUP	LOAD OR POWER PLANE	TEST POINTS		SIGNAL DESCRIPTION	ECO NO	
	PREFIX	CONNECTOR	PIN	PREFIX	CONNECTOR	PIN	MULTI GROUP	CODE	COLOR									IDENT	AND			OR
19554		XA515	47		XA515	41					XICSI0	07	XI13BA	01	1	TQ2	D4		25B			
19555		XA515	41		XA518	43					XICSI0	08	XI12BA	01	1	TQ2	D3		22B			B05
19558		XA518	43								XICSI0	11	XICSI0	00	1	THI	D5		24B			
19559		XA516	64		XA518	09					XICSSA	01	XICSSA	00	1	TT3	E1		30A		CH. SEL. STROBE	
19560		XA518	09								XICSSA	02	XICSS0	01	1	THI	A5		05B			
19561		XA518	07		XA512	13					XICSS0	01	XICSS0	00	1	THI	A5		04B			
19562		XA512	13		XA511	13					XICSS0	02	XI0PDGX	01	1	ACF	B1		06A			
19563		XA511	13		XA510	13					XICSS0	03	XI04D6X	01	1	ACF	B1		06A			
19564		XA510	13								XICSS0	04	XI00D6X	01	1	ACF	B1		06A			
19565		XA514	43		XA517	63					XIENAO	01	XIENDHX	01	1	ACF	E2		23A			
19566		XA517	63								XIENAO	02	XIENAO	00	1	TQ2	E4		33B		DEV ENABLE	
19567		XA518	57		XA516	62					XIENBO	01	XIENBO	00	1	THI	E5		30B		IOC ENABLE	
19568		XA516	62		XA516	59					XIENBO	02	XICSEA	01	3	TT3	E2		29A			
19569		XA516	59								XIENBO	03	XIMRDA	01	2	TT3	E3		31B			
19570		XA514	55		XA514	51					XIENDGX	01				ACF	RE					
19571		XA514	51	3	XA503	36	3				XIENDGX	02	XIENDGX	00	1	ACF	E1					
19572		XA503	36								XIENDGX	03	XIDUMZ	02	5	EXT						
19573		XA514	49		XA503	35					XIENDHX	01	XIENDHX	00	1	ACF	E2					
19574		XA503	35								XIENDHX	02	XIDUMZ	06	5	EXT						
19575		XA512	43		XA512	39					XIGNDA	01	XIR2DHX	01	1	ACF	E2		23A			
19576		XA512	39		XA512	37					XIGNDA	02	XIRODHX	01	1	ACF	C2		20A			
19577		XA512	37		XA513	37					XIGNDA	03	XIR1DHX	01	1	ACF	D2		18A			
19578		XA513	37		XA513	39					XIGNDA	04	XIR5DHX	01	1	ACF	D2		18A			
19579		XA513	39		XA513	43					XIGNDA	05	XIR4DHX	01	1	ACF	C2		20A			
19580		XA513	43		XA513	41					XIGNDA	06	XIR6DHX	01	1	ACF	E2		23A			
19581		XA513	41		XA514	41					XIGNDA	07	XIR3DHX	01	1	ACF	B2		22A			
19582		XA514	41		XA514	39					XIGNDA	08	XIR7DHX	01	1	ACF	B2		22A			
19583		XA514	39		XA518	19					XIGNDA	09	XIINDHX	01	1	ACF	C2		20A			
19584		XA518	19								XIGNDA	10	XIGNDA	00	1	THI	B5		10B			
19585		XA516	77		XA516	71					XIICRO	01	XICSCA	01	2	TT3	F1		38B			
19586		XA516	71		XA516	68					XIICRO	02	XICSAIA	01	2	TT3	F2		36A			
19587		XA516	68		XA518	63					XIICRO	03	XICSSA	01	2	TT3	E1		32A			
19588		XA518	63		XA516	60					XIICRO	04	XIICRO	00	1	THI	E2		30A		IOE ADRS	
19589		XA516	60		XA516	47					XIICRO	05	XICSEA	01	2	TT3	E2		28A			
19590		XA516	47								XIICRO	06	XICSDA	01	2	TT3	D3		25B			
19591		XA518	66		XA516	66					XIICSO	01	XIICSO	00	1	THI	E1		32A		IOC INDICATOR	
19592		XA516	66		XA516	65					XIICSO	02	XICSSA	01	1	TT3	E1		31A			
19593		XA516	65		XA516	75					XIICSO	03	XICSAIA	01	1	TT3	F2		34B			
19594		XA516	75		XA516	53					XIICSO	04	XICSCA	01	1	TT3	F1		37B			
19595		XA516	53		XA516	45					XIICSO	05	XICSEA	01	1	TT3	E2		28B			
19596		XA516	45								XIICSO	06	XICSDA	01	1	TT3	D3		24B			

DRAWING NUMBER		149019-800										STRING		UNIT ASSEMBLY NO.		149019		REV		G		INDEX		XIICS0	
UNIT ASSEMBLY NAME		CARD CAGE ASSY, I/O UNIT										FILE IDENT		T39BIUX2		DATE		09-03-82		PAGE		393			
RECORD NUMBER	FROM				TO				WIRE				SIGNAL	SEQ NO	EQUATION	TERM FACTOR	CKT OR CHIP TYPE	GROUP	LOAD OR POWER PLANE	TEST POINTS AND/OR	SIGNAL DESCRIPTION	ECO NO			
	PREFIX	CONNECTOR	PIN	STR	PREFIX	CONNECTOR	PIN	SH F O	MULTI GROUP	CODE	COLOR	IDENT											SPEC INSECT		
19597		XA425	70											XIINAA	01	YINDAO	01	4	TD4	E1		33A			
19598		XA515	30			XA515	30							XIINAA	02	XIINAA	00	1	TQ2	C2		15A	IOX INDICATOR TO		
19599		XA514	65			XA515	36							XIINCTX	01	XIINCTX	00	1	ACF	C3		32A			
19600		XA515	36											XIINCTX	02	XIINAA	01	2	TQ2	C2		17A			
19601		XA514	23			XA514	27							XIINDGX	01	XIINDGX	00	1	ACF	C1					
19602		XA514	27			XA503	40							XIINDGX	02				ACF	RC					
19603		XA503	40											XIINDGX	03	XIDUMZ	04	5	EXT						
19604		XA514	25			XA503	39							XIINDHX	01	XIINDHX	00	1	ACF	C2					
19605		XA503	39											XIINDHX	02	XIDUMZ	08	5	EXT						
19606		XA517	57			XA516	49							XIINTA	01	XIINTA	00	1	TQ2	E3		30B			
19607		XA516	49											XIINTA	02	XICSDA	01	3	TT3	D3		26B			
19608		XA518	60			XA517	53							XIINTO	01	XIINTO	00	1	TH1	E3		28A	IOC INTERROGATE		
19609		XA517	53			XA516	72							XIINTO	02	XIINTA	01	1	TQ2	E3		28B			
19610		XA516	72											XIINTO	03	XIC5IA	01	3	TT3	F2		34A			
19611		XA434	26			XA515	38							XIIPAA	01	TDIPAO	01	3	TT3	B1		14A			
19612		XA515	38											XIIPAA	02	XIIPAA	00	1	TQ2	C1		18A	IOC INPUT PARITY		
19613		XA425	10			XA515	06							XII0AA	01	TDIOAO	01	3	TD4	A1		07A			
19614		XA515	06											XII0AA	02	XII0AA	00	1	TQ2	A1		05A	IOC INPUT DATA LIN		
19615		XA515	52			XA425	13							XII0BA	01	XII0BA	00	1	TQ2	D1		24A			
19616		XA425	13											XII0BA	02	TDIOAO	01	4	TD4	A1		06B	DEV REQ 0 TO IOC		
19617		XA425	05			XA515	01							XII1AA	01	TDI1AO	01	3	TD4	A2		03B			
19618		XA515	01											XII1AA	02	XII1AA	00	1	TQ2	A2		02B	IOC INPUT DATA LIN		
19619		XA515	46			XA425	07							XII1BA	01	XII1BA	00	1	TQ2	D2		21A	DEV REQ 1 TO IOC		
19620		XA425	07											XII1BA	02	TDI1AO	01	4	TD4	A2		03A			
19621		XA424	05			XA515	09							XII2AA	01	TDI2AO	01	3	TS8	A1		03B			
19622		XA515	09											XII2AA	02	XII2AA	00	1	TQ2	A3		04B	IOC INPUT DATA LIN		
19623		XA515	45			XA424	06							XII2BA	01	XII2BA	00	1	TQ2	D3		24B	DEV REQ 2 TO IOC		
19624		XA424	06											XII2BA	02	TDI2AO	01	4	TS8	A1		05A			
19625		XA424	19			XA515	15							XII3AA	01	TDI3AO	01	3	TS8	B1		09B			
19626		XA515	15											XII3AA	02	XII3AA	00	1	TQ2	A4		07B	IOC INPUT DATA LIN		
19627		XA515	51			XA424	20							XII3BA	01	XII3BA	00	1	TQ2	D4		27B	DEV REQ 3 TO IOC		
19628		XA424	20											XII3BA	02	TDI3AO	01	4	TS8	B1		11A			
19629		XA424	34			XA515	22							XII4AA	01	TDI4AO	01	3	TS8	C1		16A			
														****	SIGNAL	XII4AA			IS ON THE	NEXT PAGE	****				

DRAWING NUMBER		149019-800		STRING		UNIT ASSEMBLY NO.		149019		REV		G		INDEX		XII4AA					
UNIT ASSEMBLY NAME		CARD CAGE ASSY, I/O UNIT		FILE IDENT		T398IUX2		DATE		09-03-82		PAGE		394							
RECORD NUMBER	FROM			TO			WIRE			SIGNAL	SEC NO	EQU. TION	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	STC INSET MISC
19630		XA515	22							XII4AA	02	XII4AA	00	1	TQ2	B1	12A	IOC INPUT DATA LIN			
19631		XA515	66		XA424	36		16B	9	XII4BA	01	XII4BA	00	1	TQ2	E1	31A	DEV REQ 4 TO IOC			
19632		XA424	36							XII4BA	02	TDI4A0	01	4	TS8	C1	17A				
19633		XA424	48		XA515	14		16B	9	XII5AA	01	TDI5A0	01	3	TS8	D1	22A				
19634		XA515	14							XII5AA	02	XII5AA	00	1	TQ2	B2	09A	IOC INPUT DATA LIN			
19635		XA515	60		XA424	49		16B	9	XII5BA	01	XII5BA	00	1	TQ2	E2	28A	DEV REQ 5 TO IOC			
19636		XA424	49							XII5BA	02	TDI5A0	01	4	TS8	D1	26B				
19637		XA425	25		XA515	21		16B	9	XII6AA	01	TDI6A0	01	3	TD4	B1	12B				
19638		XA515	21							XII6AA	02	XII6AA	00	1	TQ2	B3	10B	IOC INPUT DATA LIN			
19639		XA515	57		XA425	26		16B	9	XII6BA	01	XII6BA	00	1	TQ2	E3	30B	DEV REQ 6 TO IOC			
19640		XA425	26							XII6BA	02	TDI6A0	01	4	TD4	B1	14A				
19641		XA425	19		XA515	27		16B	9	XII7AA	01	TDI7A0	01	3	TD4	B2	09B				
19642		XA515	27							XII7AA	02	XII7AA	00	1	TQ2	B4	13B	IOC INPUT DATA LIN			
19643		XA515	63		XA425	20		16B	9	XII7BA	01	XII7BA	00	1	TQ2	E4	33B	DEV REQ 7 TO IOC			
19644		XA425	20							XII7BA	02	TDI7A0	01	4	TD4	B2	11A				
19645		XA517	72		XA516	56		16B	9	XIMRCA	01	XIMRCA	00	1	TQ2	F2	34A	ENB.CMD.STB.			
19646		XA516	56		XA516	48		16B	9	XIMRCA	02	XIR60R	01	3	TT3	D1	26A				
19647		XA516	48		XA516	42		16B	9	XIMRCA	03	XIR70R	01	3	TT3	D2	22A				
19648		XA516	42		XA516	34		16B	9	XIMRCA	04	XIR40R	01	3	TT3	C1	20A				
19649		XA516	34		XA516	26		16B	9	XIMRCA	05	XIR50R	01	3	TT3	C2	16A				
19650		XA516	26		XA516	18		16B	9	XIMRCA	06	XIR20R	01	3	TT3	B1	14A				
19651		XA516	18		XA516	10		16B	9	XIMRCA	07	XIR30R	01	3	TT3	B2	10A				
19652		XA516	10		XA516	05		16B	9	XIMRCA	08	XIR00R	01	3	TT3	A1	07A				
19653		XA516	05							XIMRCA	09	XIR10R	01	3	TT3	A2	03B				
19654		XA517	77		XA516	63		16B	9	XIMRDA	01	XICSA0	01	1	TQ2	F1	38B				
19655		XA516	63		XA517	61		16B	9	XIMRDA	02	XIMRDA	00	1	TT3	E3	33B	DEV RESET			
19656		XA517	61		XA518	41		16B	9	XIMRDA	03	XIENAO	01	2	TQ2	E4	32B				
19657		XA518	41							XIMRDA	04	XIMRDO	01	1	THI	D4	23B				
19658		XA517	71		XA518	46		16B	9	XIMRDO	01	XIMRCA	01	1	TQ2	F2	36A				
19659		XA518	46							XIMRDO	02	XIMRDO	00	1	THI	D4	22B				
19660		XA518	51		XA516	39		16B	9	XIRECO	01	XIRQ3A	01	1	THI	D6	27B				
19661		XA516	39							XIRECO	02	XIRECO	00	1	TT3	C3	19B	DEV OR D REQ			
19662		XA516	33		XA518	26		16B	9	XIRE1A	01	XIRECO	01	1	TT3	C3	16B				
19663		XA518	26							XIRE1A	02	XIRE1A	00	1	THI	B6	12B				
19664		XA518	27		XA516	15		16B	9	XIRE10	01	XIRE1A	01	1	THI	B6	13B				
19665		XA516	15							XIRE10	02	XIRE10	00	1	TT3	A3	07B	DEV REQ 0+1+2			
										****	SIGNAL	XIRE2A	IS ON THE NEXT PAGE				****				

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RECORD NUMBER	FROM				TO				WIRE				SIGNAL	SEQ NO	EQUATION	TERM	FACT	CKT OR CHIP TYPE	GRP	LOAD OR POWER PLANE	TEST POINTS AND/OR	SIGNAL DESCRIPTION	ECO NO	
	PREFIX	CONNECTOR	PIN	U	PREFIX	CONNECTOR	PIN	U	SH. P	MULTI GROUP	CODE	COLOR												IDENT
19666 19667	XA516 XA518	35 31			XA518	31					16B	9		XIRE2A XIRE2A	01 02	XIRECO XIRE2A	01 00	2 1	TT3 TH1	C3 C5	17B 16B			
19668 19669	XA518 XA516	33 27			XA516	27					16B	9		XIRE20 XIRE20	01 02	XIRE2A XIRE20	01 00	1 1	TH1 TT3	C5 B3	17B 13B	DEV REQ 3+4+5		
19670 19671	XA516 XA518	37 42			XA518	42					16B	9		XIRE3A XIRE3A	01 02	XIRECO XIRE3A	01 00	3 1	TT3 TH1	C3 C6	18B 18B			
19672 19673	XA518 XA517	39 66			XA517	66					16B	9		XIRE30 XIRE30	01 02	XIRE3A XIRE30	01 00	1 1	TH1 TQ2	C6 E1	19B 31A	DEV REQ 6+7		
19674 19675	XA415 XA518	31 53			XA518	53					16B	9		XIRQ3A XIRQ3A	01 02	TRQ3A0 XIRQ3A	01 00	2 1	TQ2 TH1	C3 D6	15B 26B			
19676 19677	XA517 XA518	08 13			XA518	13					16B	9		XIROCA XIROCA	01 02	XIROOS XIROCA	01 00	1 1	TQ2 TH1	A1 A1	06A 06A			
19678 19679	XA518 XA512	11 65			XA512	65					16B	9		XIROCTX XIROCTX	01 02	XIROCA XIROCTX	01 00	1 1	TH1 ACF	A1 C3	07A 32A			
19680 19681 19682	XA503 XA512 XA512	20 23 27	3		XA512	23 27		3			16B	9		XIRODGX XIRODGX XIRODGX	01 02 03	XIDUMZ XIRODGX	01 00	3 1	EXT ACF ACF					
19683 19684	XA512 XA503	25 19			XA503	19					16B	9		XIRODHX XIRODHX	01 02	XIRODHX XIDUMZ	00 01	1 4	ACF EXT	C2				
19685 19686	XA516 XA517	08 09			XA517	09					16B	9		XIRORA XIRORA	01 02	XIROOR XIRORA	01 00	2 1	TT3 TQ2	A1 A3	06A 04B			
19687 19688	XA518 XA516	03 09			XA516	09					16B	9		XIROOA XIROOA	01 02	XIROOA XIRE10	00 01	1 1	TH1 TT3	A3 A3	03A 04B			
19689 19690	XA517 XA516	10 04			XA516	04					16B	9		XIROOR XIROOR	01 02	XIROOS XIROOR	01 00	2 1	TQ2 TT3	A1 A1	07A 04A			
19691 19692 19693 19694	XA515 XA516 XA517 XA518	56 06 06 04			XA516 XA517 XA518	06 06 04					16B 16B 16B	9		XIROOS XIROOS XIROOS XIROOS	01 02 03 04	XII0BA XIROOR XIROOS XIROOA	01 01 00 01	2 1 1 1	TQ2 TT3 TQ2 TH1	D1 A1 A1 A3	26A 05A 05A 02A	DEV REQ 0		
19695 19696	XA517 XA518	04 08			XA518	08					16B	9		XIRICA XIRICA	01 02	XIRIOS XIRICA	01 00	1 1	TQ2 TH1	A2 A2	04A 04A			
19697 19698	XA518 XA512	06 73			XA512	73					16B	9		XIRICTX XIRICTX	01 02	XIRICA XIRICTX	01 00	1 1	TH1 ACF	A2 D3	05A 38B			
19699 19700	XA512 XA512	59 53	3		XA512 XA503	53 22		3			16B 16B	9		XIRIDGX XIRIDGX	01 02	XIRIDGX	00	1	ACF ACF	D1 RD				
												****	SIGNAL	(XIRIDGX)	IS ON THE	NEXT PAGE	****							

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 UNIT ASSEMBLY NAME CARD CAGE ASSY, I/O UNIT

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UNIT ASSEMBLY NO. 149019
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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. FC	MULTI GROUP	CODE	COLOR											
19701		XA503	22									XIRIDGX	03	XIDUMZ	02	3	EXT				
19702		XA512	57		XA503	21			16B	9		XIRIDHX	01	XIRIDHX	00	1	ACF	D2			
19703		XA503	21									XIRIDHX	02	XIDUMZ	02	4	EXT				
19704		XA516	03		XA517	15			16B	9		XIR1RA	01	XIR1OR	01	2	TT3	A2		02A	
19705		XA517	15									XIR1RA	02	XIR1RA	00	1	TQ2	A4		07B	
19706		XA518	01		XA516	11			16B	9		XIR10A	01	XIR10A	00	1	THI	A4		02B	
19707		XA516	11									XIR10A	02	XIRE10	01	2	TT3	A3		05B	
19708		XA517	05		XA516	07			16B	9		XIR10R	01	XIR10S	01	2	TQ2	A2		03B	
19709		XA516	07									XIR10R	02	XIR10R	00	1	TT3	A2		03A	
19710		XA515	50		XA516	01			16B	9		XIR10S	01	XII1BA	01	2	TQ2	D2		23A	
19711		XA516	01		XA517	01			16B	9		XIR10S	02	XIR10R	01	1	TT3	A2		02B	
19712		XA517	01		XA518	05			16B	9		XIR10S	03	XIR10S	00	1	TQ2	A2		02B	DEV REQ 1
19713		XA518	05									XIR10S	04	XIR10A	01	1	THI	A4		03B	
19714		XA517	24		XA518	24			16B	9		XIR2CA	01	XIR20S	01	1	TQ2	B1		13A	
19715		XA518	24									XIR2CA	02	XIR2CA	00	1	THI	B1		13A	
19716		XA518	22		XA512	72			16B	9		XIR2CTX	01	XIR2CA	01	1	THI	B1		14A	
19717		XA512	72									XIR2CTX	02	XIR2CTX	00	1	ACF	E3		38A	
19718		XA512	55		XA512	51			16B	9		XIR2DGX	01				ACF	RE			
19719		XA512	51	3	XA503	24	3		16B	9		XIR2DGX	02	XIR2DGX	00	1	ACF	E1			
19720		XA503	24									XIR2DGX	03	XIDUMZ	03	3	EXT				
19721		XA512	49		XA503	23			16B	9		XIR2DHX	01	XIR2DHX	00	1	ACF	E2			
19722		XA503	23									XIR2DHX	02	XIDUMZ	03	4	EXT				
19723		XA516	24		XA517	21			16B	9		XIR2RA	01	XIR20R	01	2	TT3	B1		13A	
19724		XA517	21									XIR2RA	02	XIR2RA	00	1	TQ2	B3		10B	
19725		XA518	18		XA516	13			16B	9		XIR20A	01	XIR20A	00	1	THI	B3		09A	
19726		XA516	13									XIR20A	02	XIRE10	01	3	TT3	A3		06B	
19727		XA517	26		XA516	20			16B	9		XIR20R	01	XIR20S	01	2	TQ2	B1		14A	
19728		XA516	20									XIR20R	02	XIR20R	00	1	TT3	B1		11A	
19729		XA515	43		XA516	22			16B	9		XIR20S	01	XII2BA	01	2	TQ2	D3		23B	
19730		XA516	22		XA517	22			16B	9		XIR20S	02	XIR20R	01	1	TT3	B1		12A	
19731		XA517	22		XA518	20			16B	9		XIR20S	03	XIR20S	00	1	TQ2	B1		12A	DEV REQ 2
19732		XA518	20									XIR20S	04	XIR20A	01	1	THI	B3		10A	
19733		XA517	18		XA518	25			16B	9		XIR3CA	01	XIR30S	01	1	TQ2	B2		10A	
19734		XA518	25									XIR3CA	02	XIR3CA	00	1	THI	B2		11A	
19735		XA518	23		XA513	69			16B	9		XIR3CTX	01	XIR3CA	01	1	THI	B2		12A	
									****	SIGNAL	{XIR3CTX}		IS ON THE	NEXT PAGE	****						

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	PREFIX	CONNECTOR	PIN	LINE	PREFIX	CONNECTOR	PIN	LINE	MULTI GROUP	CODE	COLOR	IDENT									AND	OR		
19736		XA513	69										XIR3CTX	02	XIR3CTX	00	1	ACF	B3		35B			
19737		XA513	33		XA513	31			16B	9			XIR3DGX	01				ACF	RB					
19738		XA513	31	3	XA503	26			16B	9			XIR3DGX	02	XIR3DGX	00	1	ACF	B1					
19739		XA503	26										XIR3DGX	03	XIDUMZ	04	3	EXT						
19740		XA513	29		XA503	25			16B	9			XIR3DHX	01	XIR3DHX	00	1	ACF	B2					
19741		XA503	25										XIR3DHX	02	XIDUMZ	04	4	EXT						
19742		XA516	17		XA517	27			16B	9			XIR3RA	01	XIR3OR	01	2	TT3	B2		08B			
19743		XA517	27										XIR3RA	02	XIR3RA	00	1	TQ2	B4		13B			
19744		XA518	14		XA516	21			16B	9			XIR30A	01	XIR30A	00	1	THI	B4		08B			
19745		XA516	21										XIR30A	02	XIRE20	01	1	TT3	B3		10B			
19746		XA517	20		XA516	19			16B	9			XIR30R	01	XIR30S	01	2	TQ2	B2		11A			
19747		XA516	19										XIR30R	02	XIR30R	00	1	TT3	B2		09B			
19748		XA515	49		XA516	14			16B	9			XIR30S	01	XI13BA	01	2	TQ2	B4		26B			
19749		XA516	14		XA517	14			16B	9			XIR30S	02	XIR30R	01	1	TT3	B2		09A			
19750		XA517	14		XA518	17			16B	9			XIR30S	03	XIR30S	00	1	TQ2	B2		09A	DEV REQ 3		
19751		XA518	17										XIR30S	04	XIR30A	01	1	THI	B4		09B			
19752		XA517	40		XA518	40			16B	9			XIR4CA	01	XIR40S	01	1	TQ2	C1		19A			
19753		XA518	40										XIR4CA	02	XIR4CA	00	1	THI	C1		19A			
19754		XA518	38		XA513	65			16B	9			XIR4CTX	01	XIR4CA	01	1	THI	C1		20A			
19755		XA513	65										XIR4CTX	02	XIR4CTX	00	1	ACF	C3		32A			
19756		XA513	23		XA513	27			16B	9			XIR4DGX	01	XIR4DGX	00	1	ACF	C1					
19757		XA513	27	3	XA503	28			16B	9			XIR4DGX	02				ACF	RC					
19758		XA503	28										XIR4DGX	03	XIDUMZ	05	3	EXT						
19759		XA513	25		XA503	27			16B	9			XIR4DHX	01	XIR4DHX	00	1	ACF	C2					
19760		XA503	27										XIR4DHX	02	XIDUMZ	05	4	EXT						
19761		XA516	40		XA517	33			16B	9			XIR4RA	01	XIR40R	01	2	TT3	C1		19A			
19762		XA517	33										XIR4RA	02	XIR4RA	00	1	TQ2	C3		16B			
19763		XA518	34		XA516	23			16B	9			XIR40A	01	XIR40A	00	1	THI	C3		15A			
19764		XA516	23										XIR40A	02	XIRE20	01	2	TT3	B3		11B			
19765		XA517	42		XA516	36			16B	9			XIR40R	01	XIR40S	01	2	TQ2	C1		20A			
19766		XA516	36										XIR40R	02	XIR40R	00	1	TT3	C1		17A			
19767		XA515	70		XA516	38			16B	9			XIR40S	01	XI14BA	01	2	TQ2	E1		33A			
19768		XA516	38		XA517	38			16B	9			XIR40S	02	XIR40R	01	1	TT3	C1		18A			
19769		XA517	38		XA518	36			16B	9			XIR40S	03	XIR40S	00	1	TQ2	C1		18A	DEV REQ 4		
19770		XA518	36										XIR40S	04	XIR40A	01	1	THI	C3		16A			
													****	SIGNAL	XIR5CA			IS ON THE	NEXT PAGE	****				

DRAWING NUMBER 149019-800
 UNIT ASSEMBLY NAME CARD CAGE ASSY, I/O UNIT

STRING

UNIT ASSEMBLY NO. 149019
 FILE IDENT T39BIUX2

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RECORD NUMBER	FROM			TO			WIRE				SIGNAL	SEC NO	EQU. TION	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											
19771		XA517	34		XA518	37			16B	9		XIR5CA	01	XIR50S	01	1	TQ2	C2		16A	
19772		XA518	37									XIR5CA	02	XIR5CA	00	1	THI	C2		17A	
19773		XA518	35		XA513	73			16B	9		XIR5CTX	01	XIR5CA	01	1	THI	C2		18A	
19774		XA513	73									XIR5CTX	02	XIR5CTX	00	1	ACF	D3		38B	
19775		XA513	59		XA513	53			16B	9		XIR5DGX	01	XIR5DGX	00	1	ACF	D1			
19776		XA513	53	3	XA503	30	3		16B	9		XIR5DGX	02				ACF	RD			
19777		XA503	30									XIR5DGX	03	XIDUMZ	06	3	EXT				
19778		XA513	57		XA503	29			16B	9		XIR5DHX	01	XIR5DHX	00	1	ACF	D2			
19779		XA503	29									XIR5DHX	02	XIDUMZ	06	4	EXT				
19780		XA516	30		XA517	39			16B	9		XIR5RA	01	XIR50R	01	2	TT3	C2		15A	
19781		XA517	39									XIR5RA	02	XIR5RA	00	1	TQ2	C4		19B	
19782		XA518	30		XA516	25			16B	9		XIR50A	01	XIR50A	00	1	THI	C4		14B	
19783		XA516	25									XIR50A	02	XIRE20	01	3	TT3	B3		12B	
19784		XA517	36		XA516	31			16B	9		XIR50R	01	XIR50S	01	2	TQ2	C2		17A	
19785		XA516	31									XIR50R	02	XIR50R	00	1	TT3	C2		19B	
19786		XA518	29		XA517	30			16B	9		XIR50S	01	XIR50A	01	1	THI	C4		15B	
19787		XA517	30		XA516	29			16B	9		XIR50S	02	XIR50S	00	1	TQ2	C2		15A	DEV REQ 5
19788		XA516	29		XA515	64			16B	9		XIR50S	03	XIR50R	01	1	TT3	C2		14B	
19789		XA515	64									XIR50S	04	XII5BA	01	2	TQ2	E2		30A	
19790		XA517	54		XA518	54			16B	9		XIR6CA	01	XIR60S	01	1	TQ2	D1		25A	
19791		XA518	54									XIR6CA	02	XIR6CA	00	1	THI	D1		25A	
19792		XA518	52		XA513	72			16B	9		XIR6CTX	01	XIR6CA	01	1	THI	D1		26A	
19793		XA513	72									XIR6CTX	02	XIR6CTX	00	1	ACF	E3		38A	
19794		XA513	55		XA513	51			16B	9		XIR6DGX	01				ACF	RE			
19795		XA513	51	3	XA503	32	3		16B	9		XIR6DGX	02	XIR6DGX	00	1	ACF	E1			
19796		XA503	32									XIR6DGX	03	XIDUMZ	07	3	EXT				
19797		XA513	49		XA503	31			16B	9		XIR6DHX	01	XIR6DHX	00	1	ACF	E2			
19798		XA503	31									XIR6DHX	02	XIDUMZ	07	4	EXT				
19799		XA516	54		XA517	45			16B	9		XIR6RA	01	XIR60R	01	2	TT3	D1		25A	
19800		XA517	45									XIR6RA	02	XIR6RA	00	1	TQ2	D3		24B	
19801		XA517	68		XA517	56			16B	9		XIR60R	01	XIRE30	01	1	TQ2	E1		32A	
19802		XA517	56		XA516	50			16B	9		XIR60R	02	XIR60S	01	2	TQ2	D1		26A	
19803		XA516	50									XIR60R	03	XIR60R	00	1	TT3	D1		23A	
19804		XA515	55		XA516	52			16B	9		XIR60S	01	XII6BA	01	2	TQ2	E3		29B	
19805		XA516	52		XA517	52			16B	9		XIR60S	02	XIR60R	01	1	TT3	D1		24A	
19806		XA517	52									XIR60S	03	XIR60S	00	1	TQ2	D1		24A	DEV REQ 6

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UNIT ASSEMBLY NAME		CARD CAGE ASSY, I/O UNIT										FILE IDENT		T39BIUX2		DATE		09-03-82		PAGE		399						
RECORD NUMBER	FROM				TO				WIRE				SIGNAL	SQ 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	WIRE	AND	OR			AND	OR	
19807		XA518	49		XA517	48				16B	9			XIR7CA	01	XIR7CA	00	1	THI	D2		23A						
19808		XA517	48											XIR7CA	02	XIR7OS	01	1	TQ2	D2		22A						
19809		XA514	69		XA518	47				16B	9			XIR7CTX	01	XIR7CTX	00	1	ACF	B3		35B						
19810		XA518	47											XIR7CTX	02	XIR7CA	01	1	THI	D2		24A						
19811		XA503	34	3	XA514	33	3			16B	9			XIR7DGX	01	XIDUMZ	08	3	EXT									
19812		XA514	33		XA514	31				16B	9			XIR7DGX	02				ACF	RB								
19813		XA514	31											XIR7DGX	03	XIR7DGX	00	1	ACF	B1								
19814		XA514	29		XA503	33				16B	9			XIR7DHX	01	XIR7DHX	00	1	ACF	B2								
19815		XA503	33											XIR7DHX	02	XIDUMZ	08	4	EXT									
19816		XA516	46		XA517	51				16B	9			XIR7RA	01	XIR7OR	01	2	TT3	D2		21A						
19817		XA517	51											XIR7RA	02	XIR7RA	00	1	TQ2	D4		27B						
19818		XA517	70		XA517	50				16B	9			XIR7OR	01	XIRE30	01	2	TQ2	E1		33A						
19819		XA517	50		XA516	43				16B	9			XIR7OR	02	XIR7OS	01	2	TQ2	D2		23A						
19820		XA516	43											XIR7OR	03	XIR7OR	00	1	TT3	D2		23B						
19821		XA515	61		XA516	41				16B	9			XIR7OS	01	XII7BA	01	2	TQ2	E4		32B						
19822		XA516	41		XA517	46				16B	9			XIR7OS	02	XIR7OR	01	1	TT3	D2		22B						
19823		XA517	46											XIR7OS	03	XIR7OS	00	1	TQ2	D2		21A		DEV REQ 7				
19824		XA518	56		XA517	73				16B	9			XISTB0	01	XISTB0	00	1	THI	E4		28B		IOC STROBE				
19825		XA517	73		XA516	70				16B	9			XISTB0	02	XIMRCA	01	2	TQ2	F2		36B						
19826		XA516	70		XA516	57				16B	9			XISTB0	03	XICSSA	01	3	TT3	E1		33A						
19827		XA516	57		XA514	13				16B	9			XISTB0	04	XIMRDA	01	1	TT3	E3		30B						
19828		XA514	13											XISTB0	05	XIR7DGX	01	1	ACF	B1		06A						
19829		XA512	69		XA515	42				16B	9			XIOPCTX	01	XIOPCTX	00	1	ACF	B3		35B						
19830		XA515	42											XIOPCTX	02	XIIPAA	01	2	TQ2	C1		20A						
19831		XA503	02	3	XA512	31	3			16B	9			XIOPDGX	01	XIDUMZ	01	5	EXT									
19832		XA512	31		XA512	33				16B	9			XIOPDGX	02	XIOPDGX	00	1	ACF	B1								
19833		XA512	33											XIOPDGX	03				ACF	RB								
19834		XA512	29		XA503	01				16B	9			XIOPDHX	01	XIOPDHX	00	1	ACF	B2								
19835		XA503	01											XIOPDHX	02	XIDUMZ	05	5	EXT									
19836		XA517	03		XA515	10				16B	9			XI00CTX	01	XIR0RA	01	1	TQ2	A3		02A						
19837		XA515	10		XA510	69				16B	9			XI00CTX	02	XIIOAA	01	2	TQ2	A1		07A						
19838		XA510	69											XI00CTX	03	XI00CTX	00	1	ACF	B3		35B						
19839		XA510	33		XA510	31				16B	9			XI00DGX	01				ACF	RB								
19840		XA510	31	3	XA503	04	3			16B	9			XI00DGX	02	XI00DGX	00	1	ACF	B1								
19841		XA503	04											XI00DGX	03	XIDUMZ	01	1	EXT									
													****	SIGNAL	(XI00DHX)											IS ON THE	NEXT PAGE	****

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 UNIT ASSEMBLY NAME CARD CAGE ASSY, I/O UNIT

STRING

UNIT ASSEMBLY NO. 149019
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RECORD NUMBER	FROM			TO			WIRE				SIGNAL	SEQ NO	EQUATION	TERM	FACTOR	CKT OR CHIP TYPE	OHM	LOAD OR POWER PLANE	TEST POINTS AND OR	SIGNAL DESCRIPTION	ECO NO
	PREFIX	CONNECTOR	PIN	PREFIX	CONNECTOR	PIN	SIZE	MULTI GROUP	CODE	COLOR											
19842		XA510	29		XA503	03			16B	9		XI00DHX	01	XI00DHX	00	1	ACF	B2			
19843		XA503	03									XI00DHX	02	XIDUMZ	01	2	EXT				
19844		XA517	11		XA515	05			16B	9		XI01CTX	01	XIR1RA	01	1	TQ2	A4		05B	
19845		XA515	05		XA510	65			16B	9		XI01CTX	02	XI11AA	01	2	TQ2	A2		03B	
19846		XA510	65									XI01CTX	03	XI01CTX	00	1	ACF	C3		32A	
19847		XA503	06	3	XA510	23	3		16B	9		XI01DGX	01	XIDUMZ	02	1	EXT				
19848		XA510	23		XA510	27			16B	9		XI01DGX	02	XI01DGX	00	1	ACF	C1			
19849		XA510	27									XI01DGX	03				ACF	RC			
19850		XA510	25		XA503	05			16B	9		XI01DHX	01	XI01DHX	00	1	ACF	C2			
19851		XA503	05									XI01DHX	02	XIDUMZ	02	2	EXT				
19852		XA517	17		XA515	07			16B	9		XI02CTX	01	XIR2RA	01	1	TQ2	B3		08B	
19853		XA515	07		XA510	73			16B	9		XI02CTX	02	XI12AA	01	2	TQ2	A3		03A	
19854		XA510	73									XI02CTX	03	XI02CTX	00	1	ACF	D3		38B	
19855		XA510	59		XA510	53			16B	9		XI02DGX	01	XI02DGX	00	1	ACF	D1			
19856		XA510	53	3	XA503	08	3		16B	9		XI02DGX	02				ACF	RD			
19857		XA503	08									XI02DGX	03	XIDUMZ	03	1	EXT				
19858		XA510	57		XA503	07			16B	9		XI02DHX	01	XI02DHX	00	1	ACF	D2			
19859		XA503	07									XI02DHX	02	XIDUMZ	03	2	EXT				
19860		XA517	23		XA515	13			16B	9		XI03CTX	01	XIR3RA	01	1	TQ2	B4		11B	
19861		XA515	13		XA510	72			16B	9		XI03CTX	02	XI13AA	01	2	TQ2	A4		06B	
19862		XA510	72									XI03CTX	03	XI03CTX	00	1	ACF	E3		38A	
19863		XA510	55		XA510	51			16B	9		XI03DGX	01				ACF	RE			
19864		XA510	51	3	XA503	10	3		16B	9		XI03DGX	02	XI03DGX	00	1	ACF	E1			
19865		XA503	10									XI03DGX	03	XIDUMZ	04	1	EXT				
19866		XA510	49		XA503	09			16B	9		XI03DHX	01	XI03DHX	00	1	ACF	E2			
19867		XA503	09									XI03DHX	02	XIDUMZ	04	2	EXT				
19868		XA517	29		XA515	26			16B	9		XI04CTX	01	XIR4RA	01	1	TQ2	C3		14B	
19869		XA515	26		XA511	69			16B	9		XI04CTX	02	XI14AA	01	2	TQ2	B1		14A	
19870		XA511	69									XI04CTX	03	XI04CTX	00	1	ACF	B3		35B	
19871		XA511	33		XA511	31			16B	9		XI04DGX	01				ACF	RB			
19872		XA511	31	3	XA503	12	3		16B	9		XI04DGX	02	XI04DGX	00	1	ACF	B1			
19873		XA503	12									XI04DGX	03	XIDUMZ	05	1	EXT				
19874		XA511	29		XA503	11			16B	9		XI04DHX	01	XI04DHX	00	1	ACF	B2			
19875		XA503	11									XI04DHX	02	XIDUMZ	05	2	EXT				
19876		XA515	20		XA517	35			16B	9		XI05CTX	01	XI15AA	01	2	TQ2	B2		11A	
19877		XA517	35		XA511	65			16B	9		XI05CTX	02	XIR5RA	01	1	TQ2	C4		17B	
19878		XA511	65									XI05CTX	03	XI05CTX	00	1	ACF	C3		32A	

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DRAWING NUMBER 149019-800
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RECORD NUMBER	FROM			TO			WIRE				SIGNAL	SEC NO	EQU. TION	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											
19915		XA431	40		XA438	38			16B	9		XMR00S	01	XMR00R	01	1	TQ2	C1	19A		
19916		XA438	38									XMR00S	02	XMR00S	00	1	TQ2	C1	18A		
19917		XA438	29		XA435	72			16B	9		XMR01R	01	XMR01S	01	1	TQ2	C3	14B		
19918		XA435	72		XA434	71			16B	9		XMR01R	02	XMR3WA	01	2	TD4	F2	34A		
19919		XA434	71		XA432	46			16B	9		XMR01R	03	XMR2WA	01	2	TT3	F2	36A		
19920		XA432	46		XA432	31			16B	9		XMR01R	04	XMR4WA	01	2	TS8	D1	21A		
19921		XA432	31		XA431	30			16B	9		XMR01R	05	XMR5WA	01	2	TS8	C1	15B		
19922		XA431	30		XA432	18			16B	9		XMR01R	06	XMR01R	00	1	TQ2	C2	15A		
19923		XA432	18		XA432	04			16B	9		XMR01R	07	XMR6WA	01	2	TS8	B1	10A		
19924		XA432	04									XMR01R	08	XMR7WA	01	2	TS8	A1	04A		
19925		XA407	74		XA431	34			16B	9		XMR01S	01	XMR1WA	01	2	TQ2	F3	35B		
19926		XA431	34		XA438	33			16B	9		XMR01S	02	XMR01R	01	1	TQ2	C2	16A		
19927		XA438	33									XMR01S	03	XMR01S	00	1	TQ2	C3	16B		
19928		XA438	35		XA435	73			16B	9		XMR02R	01	XMR02S	01	1	TQ2	C4	17B		
19929		XA435	73		XA432	48			16B	9		XMR02R	02	XMR3WA	01	3	TD4	F2	36B		
19930		XA432	48		XA432	34			16B	9		XMR02R	03	XMR4WA	01	3	TS8	D1	22A		
19931		XA432	34		XA431	33			16B	9		XMR02R	04	XMR5WA	01	3	TS8	C1	16A		
19932		XA431	33		XA432	19			16B	9		XMR02R	05	XMR02R	00	1	TQ2	C3	16B		
19933		XA432	19		XA432	05			16B	9		XMR02R	06	XMR6WA	01	3	TS8	B1	09B		
19934		XA432	05									XMR02R	07	XMR7WA	01	3	TS8	A1	03B		
19935		XA431	29		XA438	39			16B	9		XMR02S	01	XMR02R	01	1	TQ2	C3	14B		
19936		XA438	39		XA434	72			16B	9		XMR02S	02	XMR02S	00	1	TQ2	C4	19B		
19937		XA434	72									XMR02S	03	XMR2WA	01	3	TT3	F2	34A		
19938		XA432	06		XA432	20			16B	9		XMR03R	01	XMR7WA	01	4	TS8	A1	05A		
19939		XA432	20		XA432	36			16B	9		XMR03R	02	XMR6WA	01	4	TS8	B1	11A		
19940		XA432	36		XA431	39			16B	9		XMR03R	03	XMR5WA	01	4	TS8	C1	17A		
19941		XA431	39		XA432	49			16B	9		XMR03R	04	XMR03R	00	1	TQ2	C4	19B		
19942		XA432	49		XA438	34			16B	9		XMR03R	05	XMR4WA	01	4	TS8	D1	26B		
19943		XA438	34									XMR03R	06	XMR03S	01	1	TQ2	C2	16A		
19944		XA431	35		XA438	30			16B	9		XMR03S	01	XMR03R	01	1	TQ2	C4	17B		
19945		XA438	30		XA435	74			16B	9		XMR03S	02	XMR03S	00	1	TQ2	C2	15A		
19946		XA435	74									XMR03S	03	XMR3WA	01	4	TD4	F2	35B		
19947		XA438	48		XA431	52			16B	9		XMR04R	01	XMR04S	01	1	TQ2	D2	22A		
19948		XA431	52		XA432	37			16B	9		XMR04R	02	XMR04R	00	1	TQ2	D1	24A		
19949		XA432	37		XA432	22			16B	9		XMR04R	03	XMR5WA	01	5	TS8	C1	18B		
19950		XA432	22		XA432	07			16B	9		XMR04R	04	XMR6WA	01	5	TS8	B1	12A		
19951		XA432	07									XMR04R	05	XMR7WA	01	5	TS8	A1	03A		
19952		XA431	54		XA432	50			16B	9		XMR04S	01	XMR04R	01	1	TQ2	D1	25A		
19953		XA432	50		XA438	46			16B	9		XMR04S	02	XMR4WA	01	5	TS8	D1	23A		
19954		XA438	46									XMR04S	03	XMR04S	00	1	TQ2	D2	21A		
19955		XA432	08		XA432	24			16B	9		XMR05R	01	XMR7WA	01	6	TS8	A1	06A		
												**** SIGNAL XMR05R IS ON THE NEXT PAGE ****									

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UNIT ASSEMBLY NAME		CARD CAGE ASSY, I/O UNIT										FILE IDENT		T39BIUX2		DATE		09-03-82		PAGE 403	
RECORD NUMBER	FROM			TO			WIRE					SIGNAL	SEQ NO	EQUATION	TERM	CKT OR CHIP TYPE	GROUP	LOAD OR POWER PLANE	TEST POINTS AND OR	SIGNAL DESCRIPTION	ECO NO
	PREFIX	CONNECTOR	PIN	PREFIX	CONNECTOR	PIN	SIZE	MULTI GROUP	CODE	COLOR	IDENT										
19956		XA432	24		XA431	46			16B	9		XMR05R	02	XMR6WA	01	6	TS8	B1		13A	
19957		XA431	46		XA438	41			16B	9		XMR05R	03	XMR05R	00	1	TQ2	D2		21A	
19958		XA438	41									XMR05R	04	XMR05S	01	1	TQ2	D3		22B	
19959		XA431	48		XA432	38			16B	9		XMR05S	01	XMR05R	01	1	TQ2	D2		22A	
19960		XA432	38		XA438	45			16B	9		XMR05S	02	XMR5WA	01	6	TS8	C1		18A	
19961		XA438	45									XMR05S	03	XMR05S	00	1	TQ2	D3		24B	
19962		XA438	47		XA431	45			16B	9		XMR06R	01	XMR06S	01	1	TQ2	D4		25B	
19963		XA431	45		XA432	10			16B	9		XMR06R	02	XMR06R	00	1	TQ2	D3		24B	
19964		XA432	10									XMR06R	03	XMR7WA	01	7	TS8	A1		07A	
19965		XA432	25		XA431	41			16B	9		XMR06S	01	XMR6WA	01	7	TS8	B1		12B	
19966		XA431	41		XA438	51			16B	9		XMR06S	02	XMR06R	01	1	TQ2	D3		22B	
19967		XA438	51									XMR06S	03	XMR06S	00	1	TQ2	D4		27B	
19968		XA438	54		XA431	51			16B	9		XMR07R	01	XMR07S	01	1	TQ2	D1		25A	
19969		XA431	51									XMR07R	02	XMR07R	00	1	TQ2	D4		27B	
19970		XA432	13		XA431	47			16B	9		XMR07S	01	XMR7WA	01	8	TS8	A1		06B	
19971		XA431	47		XA438	52			16B	9		XMR07S	02	XMR07R	01	1	TQ2	D4		25B	
19972		XA438	52									XMR07S	03	XMR07S	00	1	TQ2	D1		24A	
19973		XA438	31		XA431	01			16B	9		XMR1SA	01	XMR01S	01	2	TQ2	C3		15B	
19974		XA431	01									XMR1SA	02	XMR1SA	00	1	TQ2	A2		02B	
19975		XA407	69		XA437	49			16B	9		XMR1WA	01	XMR1WA	00	1	TQ2	F3		35A	
19976		XA437	49									XMR1WA	02	XMLS00	01	1	TQ4	D1		26B	
19977		XA431	09		XA438	37			16B	9		XMR2SA	01	XMR2SA	00	1	TQ2	A3		04B	
19978		XA438	37									XMR2SA	02	XMR02S	01	2	TQ2	C4		18B	
19979		XA434	74		XA437	43			16B	9		XMR2WA	01	XMR2WA	00	1	T13	F2		35B	
19980		XA437	43									XMR2WA	02	XMSS00	01	1	TQ4	D2		23B	
19981		XA431	15		XA438	36			16B	9		XMR3SA	01	XMR3SA	00	1	TQ2	A4		07B	
19982		XA438	36									XMR3SA	02	XMR03S	01	2	TQ2	C2		17A	
19983		XA437	46		XA437	52			16B	9		XMR3WA	01	XMSS00	01	2	TD4	D2		21A	
19984		XA437	52		XA435	69			16B	9		XMR3WA	02	XMLS00	01	2	TD4	D1		24A	
19985		XA435	69									XMR3WA	03	XMR3WA	00	1	TD4	F2		35A	
19986		XA431	22		XA438	50			16B	9		XMR4SA	01	XMR4SA	00	1	TQ2	B1		12A	
19987		XA438	50									XMR4SA	02	XMR04S	01	2	TQ2	D2		23A	
19988		XA437	61		XA432	47			16B	9		XMR4WA	01	XMMS00	01	1	TD4	E1		32B	
19989		XA432	47									XMR4WA	02	XMR4WA	00	1	TS8	D1		25B	
19990		XA431	14		XA438	43			16B	9		XMR5SA	01	XMR5SA	00	1	TQ2	B2		09A	
19991		XA438	43									XMR5SA	02	XMR05S	01	2	TQ2	D3		23B	

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	PREFIX	CONNECTOR	PIN	OR	PREFIX	CONNECTOR	PIN	OR	INFO	MULTI-GROUP	CODE	COLOR												IDENT
19992		XA437	66		XA437	54					16B	9		XMR5WA	01	XMSSD0	01	2	TD4	E1		31A		
19993		XA437	54		XA432	35					16B	9		XMR5WA	02	XMLSD0	01	3	TD4	D1		25A		
19994		XA432	35											XMP5WA	03	XMR5WA	00	1	TS8	C1		17B		
19995		XA431	21		XA438	49					16B	9		XMR6SA	01	XMR6SA	00	1	TQ2	B3		10B		
19996		XA438	49											XMR6SA	02	XMR06S	01	2	TQ2	D4		26B		
19997		XA437	68		XA437	48					16B	9		XMR6WA	01	XMSSD0	01	3	TD4	E1		32A		
19998		XA437	48		XA432	23					16B	9		XMR6WA	02	XMSSD0	01	3	TD4	D2		22A		
19999		XA432	23											XMR6WA	03	XMR6WA	00	1	TS8	B1		11B		
20000		XA431	27		XA438	56					16B	9		XMR7SA	01	XMR7SA	00	1	TQ2	B4		13B		
20001		XA438	56											XMR7SA	02	XMR07S	01	2	TQ2	D1		26A		
20002		XA437	70		XA437	56					16B	9		XMR7WA	01	XMSSD0	01	4	TD4	E1		33A		
20003		XA437	56		XA437	50					16B	9		XMR7WA	02	XMLSD0	01	4	TD4	D1		26A		
20004		XA437	50		XA432	11					16B	9		XMR7WA	03	XMSSD0	01	4	TD4	D2		23A		
20005		XA432	11											XMR7WA	04	XMR7WA	00	1	TS8	A1		05B		
20006		XA414	14		XA437	45					16B	9		XMSSD0	01	TA023A	01	1	TT3	B2		09A		
20007		XA437	45											XMSSD0	02	XMSSD0	00	1	TD4	D2		24B		
20008		XA431	10		XA431	05					16B	9		XS00A0	01	XMR0SA	01	2	TQ2	A1		07A		
20009		XA431	05		XA431	07					16B	9		XS00A0	02	XMR1SA	01	2	TQ2	A2		03B		
20010		XA431	07		XA431	13					16B	9		XS00A0	03	XMR2SA	01	2	TQ2	A3		03A		
20011		XA431	13		XA431	19					16B	9		XS00A0	04	XMR3SA	01	2	TQ2	A4		06B		
20012		XA431	19		XA431	20					16B	9		XS00A0	05	XMR6SA	01	2	TQ2	B3		09B		
20013		XA431	20		XA431	26					16B	9		XS00A0	06	XMR5SA	01	2	TQ2	B2		11A		
20014		XA431	26		XA431	25					16B	9		XS00A0	07	XMR4SA	01	2	TQ2	B1		14A		
20015		XA431	25		XA406	46					16B	9		XS00A0	08	XMR7SA	01	2	TQ2	B4		12B		
20016		XA406	46											XS00A0	09	XS00A0	00	1	THI	D4		22B		
20017		XA429	08		XA418	46					16B	9		YADCCB4	01				RR4	A1				
20018		XA418	46		XA404	69					CB	1EB	9	P	TADCSDX	02	YADCCB4	01	1	DCF	C1		25B	MEM ADRS CONT DRV
20019		XA404	69											YADCCB4	03				EXT					
20400		XA418	45		XA404	70					CB	1EB	0		YADCCG	01			DCF				27A	
20812		XA404	70											YADCCG	02				EXT					
20020		XA429	10		XA418	27					16B	9		YHLCCB4	01				RR4	A2				
20021		XA418	27		XA404	71					CC	1EB	9	P	TMHLCDX	02	YHLCCB4	01	1	DCF	B1		10B	MEM HOLD CONT DRV.
20022		XA404	71											YHLCCB4	03				EXT					
20023		XA404	72		XA418	25					CC	1EB	0		YHLCCG	01			EXT					
20024		XA418	25											YHLCCG	02				DCF					
20025		XA429	05		XA418	65					16B	9		YIOPCB4	01				RR4	A3				
20026		XA418	65		XA404	01					CD	1EB	9	P	TD32SDX	02	YIOPCB4	01	1	DCF	D1		32B	
											****			SIGNAL (YIOPCB4)		IS ON THE			NEXT PAGE		****			

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	PREFIX	CONNECTOR	PIN	DR PC	PREFIX	CONNECTOR	PIN	DR PC	MULTI GROUP	CODE	COLOR	IDENT											
20027		XA404	01										YI0PCB4	03				EXT					
20028		XA404	02		XA418	67			CD	IEB	0		YI0PCG	01				EXT					
20029		XA418	67										YI0PCG	02				DCF					
20030		XA429	07		XA419	07				16B	9		YI00CB4	01				RR4	A4				
20031		XA419	07		XA404	03			CE	IEB	9	P	TD00SDX	02	YI00CB4	01	1	DCF	A1		02B	MEM DATA D/R BIT00	
20032		XA404	03										YI00CB4	03				EXT					
20033		XA404	04		XA419	05			CE	IEB	0		YI00CG	01				EXT					
20034		XA419	05										YI00CG	02				DCF					
20035		XA429	09		XA419	17				16B	9		YI01CB4	01				RR4	A5				
20036		XA419	17		XA404	05			CF	IEB	9	P	TD01SDX	02	YI01CB4	01	1	DCF	A3		07B	MEM DATA D/R BIT01	
20037		XA404	05										YI01CB4	03				EXT					
20038		XA404	06		XA419	19			CF	IEB	0		YI01CG	01				EXT					
20039		XA419	19										YI01CG	02				DCF					
20040		XA429	20		XA419	14				16B	9		YI02CB4	01				RR4	B1				
20041		XA419	14		XA404	07			CG	IEB	9	P	TD02SDX	02	YI02CB4	01	1	DCF	A5		08B	MEM DATA D/R BIT02	
20042		XA404	07										YI02CB4	03				EXT					
20043		XA404	08		XA419	16			CG	IEB	0		YI02CG	01				EXT					
20044		XA419	16										YI02CG	02				DCF					
20045		XA429	26		XA419	01				16B	9		YI03CB4	01				RR4	B2				
20046		XA419	01		XA404	09			CH	IEB	9	P	TD03SDX	02	YI03CB4	01	1	DCF	A7		02A	MEM DATA D/R BIT03	
20047		XA404	09										YI03CB4	03				EXT					
20048		XA404	10		XA419	02			CH	IEB	0		YI03CG	01				EXT					
20049		XA419	02										YI03CG	02				DCF			01A		
20050		XA429	24		XA419	27				16B	9		YI04CB4	01				RR4	B3				
20051		XA419	27		XA404	11			CI	IEB	9	P	TD04SDX	02	YI04CB4	01	1	DCF	B1		10B	MEM DATA D/R BIT04	
20052		XA404	11										YI04CB4	03				EXT					
20053		XA404	12		XA419	25			CI	IEB	0		YI04CG	01				EXT					
20054		XA419	25										YI04CG	02				DCF					
20055		XA429	17		XA419	37				16B	9		YI05CB4	01				RR4	B4				
20056		XA419	37		XA404	13			CJ	IEB	9	P	TD05SDX	02	YI05CB4	01	1	DCF	B3		15B	MEM DATA D/R BIT05	
20057		XA404	13										YI05CB4	03				EXT					
20058		XA404	14		XA419	39			CJ	IEB	0		YI05CG	01				EXT					
20059		XA419	39										YI05CG	02				DCF					
20060		XA429	19		XA419	41				16B	9		YI06CB4	01				RR4	B5				
20061		XA419	41		XA404	15			CK	IEB	9	P	TD06SDX	02	YI06CB4	01	1	DCF	B5		16A	MEM DATA D/R BIT06	
20062		XA404	15										YI06CB4	03				EXT					

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	PREFIX	CONNECTOR	PIN	SN/P	PREFIX	CONNECTOR	PIN	SN/P	MULTI GROUP	CODE	COLOR	IDENT										
20063		XA404	16		XA419	42			CK	1EB	0		YI06CG	01								
20064		XA419	42										YI06CG	02			EXT			20B		
20065		XA429	36		XA419	23				16B	9		YI07CB4	01			RR4	C1				
20066		XA419	23		XA404	17			CL	1EB	9	P	TD07SDX	02	YI07CB4	01	1	DCF	B7	10A	MEM DATA D/R BIT07	
20067		XA404	17										YI07CB4	03			EXT					
20068		XA404	18		XA419	21			CL	1EB	0		YI07CG	01								
20069		XA419	21										YI07CG	02			EXT					
20070		XA429	38		XA419	46				16B	9		YI08CB4	01			RR4	C2				
20071		XA419	46		XA404	19			CM	1EB	9	P	TD08SDX	02	YI08CB4	01	1	DCF	C1	25B	MEM DATA D/R BIT08	
20072		XA404	19										YI08CB4	03			EXT					
20073		XA404	20		XA419	45			CM	1EB	0		YI08CG	01								
20074		XA419	45										YI08CG	02			EXT			27A		
20075		XA429	23		XA419	55				16B	9		YI09CB4	01			RR4	C3				
20076		XA419	55		XA404	21			CN	1EB	9	P	TD09SDX	02	YI09CB4	01	1	DCF	C3	30B	MEM DATA D/R BIT09	
20077		XA404	21										YI09CB4	03			EXT					
20078		XA404	22		XA419	53			CN	1EB	0		YI09CG	01								
20079		XA419	53										YI09CG	02			EXT					
20080		XA429	25		XA419	60				16B	9		YI10CB4	01			RR4	C4				
20081		XA419	60		XA404	23			CP	1EB	9	P	TD10SDX	02	YI10CB4	01	1	DCF	C5	31B	MEM DATA D/R BIT10	
20082		XA404	23										YI10CB4	03			EXT					
20083		XA404	24		XA419	58			CP	1EB	0		YI10CG	01								
20084		XA419	58										YI10CG	02			EXT					
20085		XA429	29		XA419	43				16B	9		YI11CB4	01			RR4	C5				
20086		XA419	43		XA404	25			CQ	1EB	9	P	TD11SDX	02	YI11CB4	01	1	DCF	C7	25A	MEM DATA D/R BIT11	
20087		XA404	25										YI11CB4	03			EXT					
20088		XA404	26		XA419	44			CQ	1EB	0		YI11CG	01								
20089		XA419	44										YI11CG	02			EXT					
20090		XA429	42		XA419	65				16B	9		YI12CB4	01			RR4	D1				
20091		XA419	65		XA404	27			CR	1EB	9	P	TD12SDX	02	YI12CB4	01	1	DCF	D1	32B	MEM DATA D/R BIT12	
20092		XA404	27										YI12CB4	03			EXT					
20093		XA404	28		XA419	67			CR	1EB	0		YI12CG	01								
20094		XA419	67										YI12CG	02			EXT					
20095		XA429	46		XA419	78				16B	9		YI13CB4	01			RR4	D2				
20096		XA419	78		XA404	29			CS	1EB	9	P	TD13SDX	02	YI13CB4	01	1	DCF	D3	37B	MEM DATA D/R BIT13	
20097		XA404	29										YI13CB4	03			EXT					

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	PREFIX	CONNECTOR	PIN	SH	PREFIX	CONNECTOR	PIN	SH	MULTI GROUP	CODE	COLOR	IDENT												SPEC INST
20133		XA404	44		XA416	67			DD	1EB	0		YI20CG	01										
20134		XA416	67										YI20CG	02				EXT						
20135		XA429	41		XA416	78				16B	9		YI21CB4	01				RR4	E5					
20136		XA416	78		XA404	45			DE	1EB	9	P	TD21SDX	02	YI21CB4	01	1	DCF	D3		37B	MEM DATA D/R BIT21		
20137		XA404	45										YI21CB4	03				EXT						
20138		XA404	46		XA416	77			DE	1EB	0		YI21CG	01				EXT						
20139		XA416	77										YI21CG	02				DCF						
20140		XA429	62		XA416	80				16B	9		YI22CB4	01				RR4	F1					
20141		XA416	80		XA404	47			DF	1EB	9	P	TD22SDX	02	YI22CB4	01	1	DCF	D5		38B	MEM DATA D/R BIT22		
20142		XA404	47										YI22CB4	03				EXT						
20143		XA404	48		XA416	79			DF	1EB	0		YI22CG	01				EXT						
20144		XA416	79										YI22CG	02				DCF			40B			
20145		XA429	56		XA416	61				16B	9		YI23CB4	01				RR4	F2					
20146		XA416	61		XA404	49			DG	1EB	9	P	TD23SDX	02	YI23CB4	01	1	DCF	D7		33A	MEM DATA D/R BIT23		
20147		XA404	49										YI23CB4	03				EXT						
20148		XA404	50		XA416	59			DG	1EB	0		YI23CG	01				EXT						
20149		XA416	59										YI23CG	02				DCF						
20150		XA429	55		XA420	07				16B	9		YI24CB4	01				RR4	F3					
20151		XA420	07		XA404	51			DH	1EB	9	P	TD24SDX	02	YI24CB4	01	1	DCF	A1		02B	MEM DATA D/R BIT24		
20152		XA404	51										YI24CB4	03				EXT						
20153		XA404	52		XA420	05			DH	1EB	0		YI24CG	01				EXT						
20154		XA420	05										YI24CG	02				DCF						
20155		XA429	53		XA420	17				16B	9		YI25CB4	01				RR4	F4					
20156		XA420	17		XA404	53			DI	1EB	9	P	TD25SDX	02	YI25CB4	01	1	DCF	A3		07B	MEM DATA D/R BIT25		
20157		XA404	53										YI25CB4	03				EXT						
20158		XA404	54		XA420	19			DI	1EB	0		YI25CG	01				EXT						
20159		XA420	19										YI25CG	02				DCF						
20160		XA429	51		XA420	14				16B	9		YI26CB4	01				RR4	F5					
20161		XA420	14		XA404	55			DJ	1EB	9	P	TD26SDX	02	YI26CB4	01	1	DCF	A5		08B	MEM DATA D/R BIT26		
20162		XA404	55										YI26CB4	03				EXT						
20163		XA404	56		XA420	16			DJ	1EB	0		YI26CG	01				EXT						
20164		XA420	16										YI26CG	02				DCF						
20165		XA429	72		XA420	01				16B	9		YI27CB4	01				RR4	G1					
20166		XA420	01		XA404	57			DK	1EB	9	P	TD27SDX	02	YI27CB4	01	1	DCF	A7		02A	MEM DATA D/R BIT27		
20167		XA404	57										YI27CB4	03				EXT						

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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	PIN	USE	PREFIX	CONNECTOR	PIN	USE	MULTI GROUP	CODE	COLOR	IDENT											
20168		XA404	58										YI27CG	01				EXT					
20169		XA420	02		XA420	02			DK	1EB	0		YI27CG	02				DCF			01A		
20170		XA429	66		XA420	27				16B	9		YI28CB4	01				RR4	G2				
20171		XA420	27		XA404	59			DL	1EB	9		TD28SDX	02	YI28CB4	01	1	DCF	B1		10B	MEM DATA D/R BIT28	
20172		XA404	59										YI28CB4	03				EXT					
20173		XA404	60		XA420	25			DL	1EB	0		YI28CG	01				EXT					
20174		XA420	25										YI28CG	02				DCF					
20175		XA429	65		XA420	37				16B	9		YI29CB4	01				RR4	G3				
20176		XA420	37		XA404	61			DM	1EB	9		TD29SDX	02	YI29CB4	01	1	DCF	B3		15B	MEM DATA D/R BIT29	
20177		XA404	61										YI29CB4	03				EXT					
20178		XA404	62		XA420	39			DM	1EB	0		YI29CG	01				EXT					
20179		XA420	39										YI29CG	02				DCF					
20180		XA429	63		XA420	41				16B	9		YI30CB4	01				RR4	G4				
20181		XA420	41		XA404	63			DN	1EB	9		TD30SDX	02	YI30CB4	01	1	DCF	B5		16A	MEM DATA D/R BIT30	
20182		XA404	63										YI30CB4	03				EXT					
20183		XA404	64		XA420	42			DN	1EB	0		YI30CG	01				EXT					
20184		XA420	42										YI30CG	02				DCF			20B		
20185		XA429	61		XA420	23				16B	9		YI31CB4	01				RR4	G5				
20186		XA420	23		XA404	65			DP	1EB	9		TD31SDX	02	YI31CB4	01	1	DCF	B7		10A	MEM DATA D/R BIT31	
20187		XA404	65										YI31CB4	03				EXT					
20188		XA404	66		XA420	21			DP	1EB	0		YI31CG	01				EXT					
20189		XA420	21										YI31CG	02				DCF					
20199		XA404	67		XA420	43				16B	9		YMMICB	005				EXT					
21115		XA420	43		XA514	17				16B	9		YMMICDX	04	YMMICB	01	2	DCF	C7		25A		B06
20194		XA514	17		XA513	17				16B	9		YMMICB	06	XIR7DGX	01	2	ACF	B1		07A		
20195		XA513	17		XA512	17				16B	9		YMMICB	07	XIR3DGX	01	2	ACF	B1		07A		
20196		XA512	17		XA511	17				16B	9		YMMICB	08	XIOPDGX	01	2	ACF	B1		07A		
20197		XA511	17		XA510	17				16B	9		YMMICB	09	XI04DGX	01	2	ACF	B1		07A		
20198		XA510	17										YMMICB	10	XI00DGX	01	2	ACF	B1		07A		
20829		XA404	68	3	XA420	44	3			16B	9		YMMICG	01				EXT					
20505		XA420	44										YMMICG	03				DCF					
06647		XA201	69		XA301	65				16B	9		YMRSDB	01				EXT					B05
06660		XA301	65		XA420	65				16B	9		YMRSDB	02				EXT					D03
21461		XA420	65										TMRSDOX	03	YMRSDB	01	1	DCF	D1		32B		D03
20830		XA404	79		XA430	71			HC	1EB	9		YPRFCB4	01				EXT					E02
20208		XA430	71		XA425	48				16B	9		YPRFCB4	02				RR4	H5				E02
										****		SIGNAL	(YPRFCB4		IS ON THE	NEXT PAGE	****						

DRAWING NUMBER		STRING										UNIT ASSEMBLY NO.		REV		INDEX						
149019-800												149019		G		ZDDISA						
UNIT ASSEMBLY NAME												FILE IDENT		DATE		PAGE						
CARD CAGE ASSY, I/O UNIT												T398IUX2		09-03-82		411						
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	SHR	MULTI GROUP	CODE	COLOR							IDENT	AND	OR	AND		
21121	J01	L2		XA107	05		LT	1ED	9		ZDDISA	01			EX9							C08
20835	XA107	05									ZDDISA	02			MTS							
03785	XA318	77		XA306	10			1BD	2		ZDDISA1	01		RR1	H5							B05
20229	XA306	10		XA107	06		HL	1ED	2		ZDDISA1	02	TDDISO	01	TT3	A1		07A				
20230	XA107	06									ZDDISA1	03			MTS							
21123	J01	L1		XA106	02		LT	1ED	0		ZDDISG	01			EX9							C08
01722	XA106	02									ZDDISG	02			SHT							C03
21328	XA306	16		XA106	02		HL	1ED	0		ZDDISR	01			TT3			21B				B05
21386	XA106	02									ZDDISR	02			SHT							C03

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